DO83-002

FINAL SUBMISSION

AIR QUALITY MONITORING

PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

METEOROLOGICAL DATA

VOLUME I of II

For the Period

1 January 1982 - 31 December 1982

Submitted to

Mr. Jim Godlove
White River Shale Program
Prudential Building, Suite 500
115 South Main Street
Salt Lake City, Utah 84111

AeroVironment Inc.

145 VISTA AVENUE - PASADENA, CALIFORNIA 91107 USA (213) 449-4392

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By

AeroVironment Inc.
145 Vista Avenue
Pasadena, CA 91107

PREFACE

This volume is the final submission of data acquired during the air quality/meteorology/radiology portions of the lease suspension period monitoring program for oil shale tracts Ua and Ub. The period covered runs from 1 January 1982 through 31 December 1982.

Section I - Meteorology

Data tabulation for all sites, in order by site

1. Wind speed, WS, 10 m, 20 m, 30 m
2. Wind direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse rate, T, between 10-30 m
5. Root-mean-square variation in wind direction, $\sigma\ \theta$
6. Root-mean-square variation in vertical wind speed, σ_w
7. Solar radiation, SR
8. Barometric pressure, BP
9. Relative Humidity, RH
10. Sound Level Data

Not all sites measure all of these parameters.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5^{o} sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

Symbols used on the data sheets are:

CA	Calibration
MT	Maintenance (changing paper, tape, filters)
FO	Flame Out (on the gas chromatographs)
IM	Instrument Malfunction (not discovered until after data has been collected)
PF	Power Failure (generator failure)
RF	Recording System Failure (chart jams, runs out, tape punch fails)
LI	Local Interference
OS	Off Scale (at top of chart, data presumed good)
SE	Special Experiment (instrument off-line for bag sample analysis or removed for special measurements in area)
VA	Variable wind diection
OR	Out for Repair (instrument problem has been recognized and the instrument is no longer sampling while being repaired)
IN	Interference (acts of nature)
OE	Operator Error
ZS	Instrument Zero/Span Check
PC	Precision Check
SA	System Audit

UTAH WHITE RIVER SHALE PROJECT

Instrument Lower Detection Limit, Data Precision,

and Lower Limit of Data Validity

Parameter	Instrument	Instrument Lower Detection Limit	Data Precision	Limit Lower of Data Validity
Wind Speed	MRI-1022 (Sites 4,6)	2 mph	0.5 mph	2 mph
	MRI-1071 (Sites 11,13)	2 mph	0.5 mph	2 mph
Wind Run	Weathermeasure W 264 B/m (Site 2)	1 mph	0.1 km	0.1 km
Wind Direction	MRI-1022 (Sites 4,6)	N/A	5°	N/A
	MRI-1071 (Sites 11,13)	N/A	5°	N/A
Sigma Theta	MRI-1022 w/ sigma processor	0.5^{o}	1°	1°
Sigma W	R.M. Young 27100 w/AV sigma processor	0.05 m/s	0.05 m/s	0.05 m/s
Temperature	MRI-840-1 (Sites 4,6)	$-30^{o}C$	$1^{o}C$	$-30^{o}C$
	MRI-1071 (Sites 11,13)	$-34^{o}C$	$1^{o}C$	$-34^{o}C$
	Weathermeasure H 311S (Site 2)	$-15^{o}C$	$1^{o}C$	$-15^{o}C$
Delta Temperature	MRI-840	N/A	$0.2^{o}C$	N/A
Barometric Pressure	Science Associates No.370	600 mm Hg	.5 mm Hg	600 mm Hg
Net Solar Radiation	Frietchen net radiometer	-0.40 Ly/min	0.05 Ly/min	-0.40 Ly/min
Relative Humidity	Weathermeasure H321-S	0%	5%	5%

* Five minute sampling time.

DATA SUMMARY SHEET

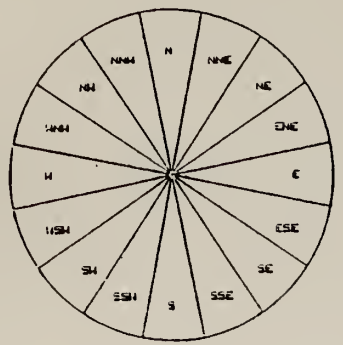
X - Final Data

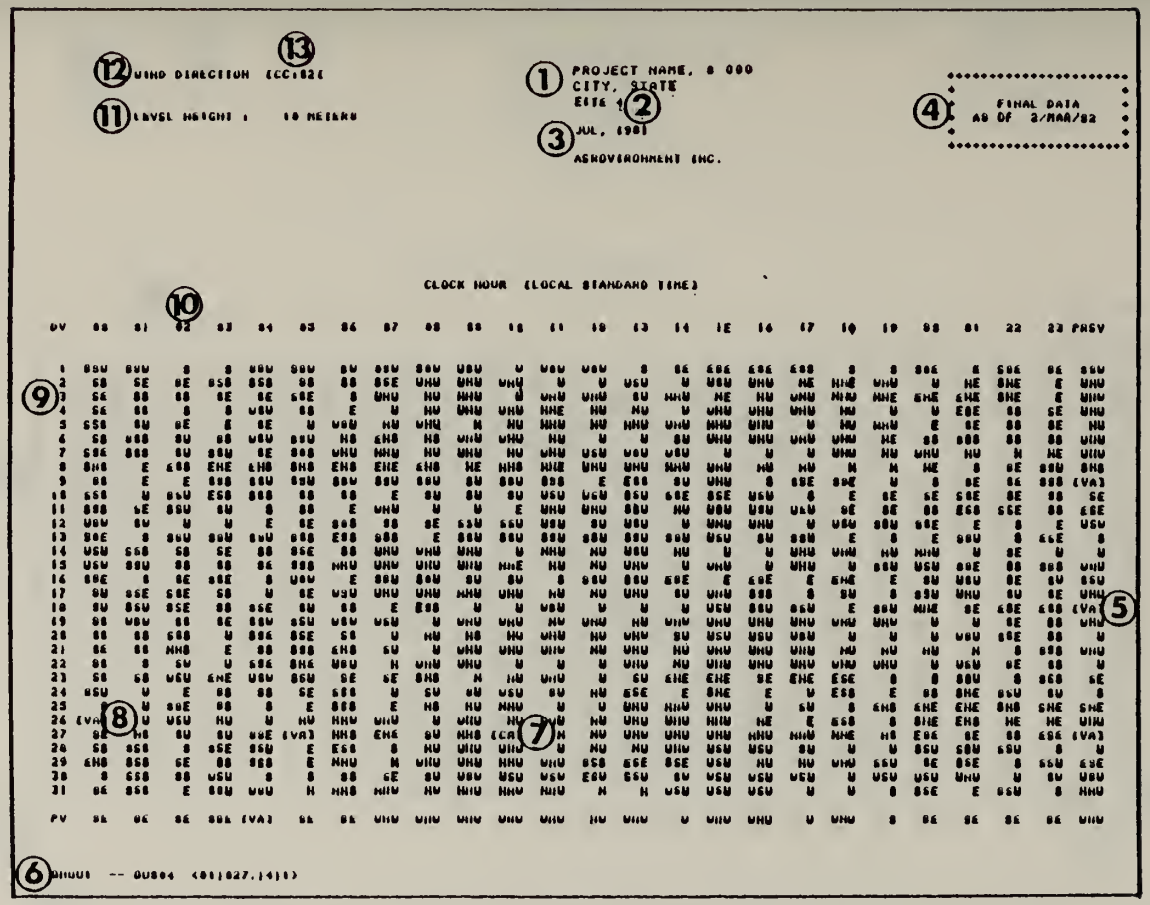
Project 10139

Date 4-11-83

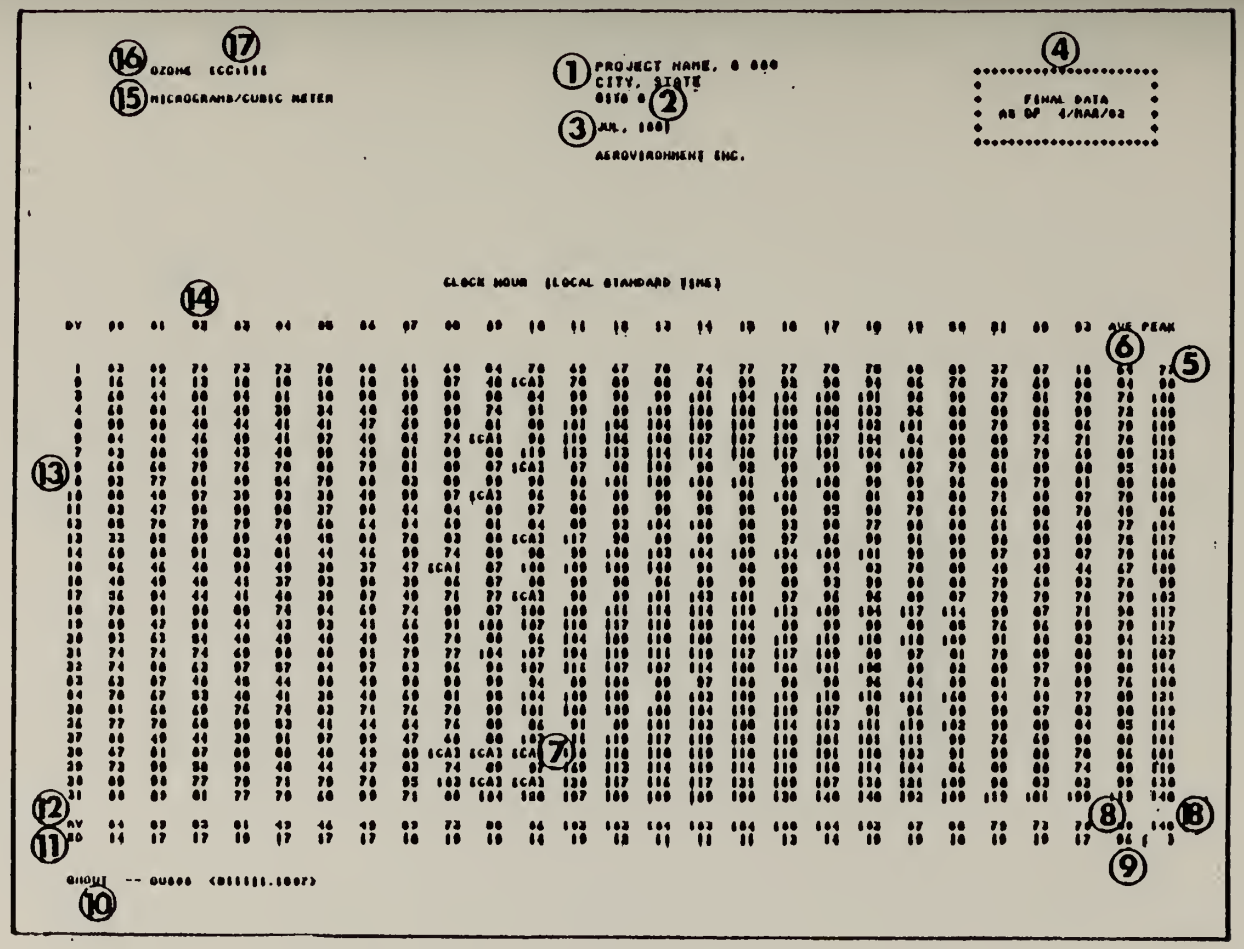
1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Site 2																								
TEMP	X	X	X	X	X	X	X	X	X	X														
RH	X	X	X	X	X	X	X	X	X	X														
Site 4																								
WS	X	X	X	X	X	X	X	X	X	X	X	X												
WD	X	X	X	X	X	X	X	X	X	X	X	X												
TEMP	X	X	X	X	X	X	X	X	X	X	X	X												
σθ	X	X	X	X	X	X	X	X	X	X	X	X												
σw	X	X	X	X	X	X	X	X	X	X	X	X												
Site 6																								
WS10	X	X	X	X	X	X	X	X	X	X	X	X												
WS20	X	X	X	X	X	X	X	X	X	X	X	X												
WS30	X	X	X	X	X	X	X	X	X	X	X	X												
WD10	X	X	X	X	X	X	X	X	X	X	X	X												
WD20	X	X	X	X	X	X	X	X	X	X	X	X												
WD30	X	X	X	X	X	X	X	X	X	X	X	X												
TEMP	X	X	X	X	X	X	X	X	X	X	X	X												
ΔT	X	X	X	X	X	X	X	X	X	X	X	X												
σθ	X	X	X	X	X	X	X	X	X	X	X	X												
σw	X	X	X	X	X	X	X	X	X	X	X	X												
SOLR	X	X	X	X	X	X	X	X	X	X	X	X												
BP	X	X	X	X	X	X	X	X	X	X	X	X												
RH	X	X	X	X	X	X	X	X	X	X	X	X												
Site10																								
WS						X	X	X	X	X	X	X												
WD						X	X	X	X	X	X	X												
TEMP						X	X	X	X	X	X	X												
Site11																								
WS	X	X	X	X	X	X	X	X	X	X	X	X												
WD	X	X	X	X	X	X	X	X	X	X	X	X												
TEMP	X	X	X	X	X	X	X	X	X	X	X	X												
Site13																								
WS	X	X	X	X	X	X	X	X	X	X	X	X												
WD	X	X	X	X	X	X	X	X	X	X	X	X												
TEMP	X	X	X	X	X	X	X	X	X	X	X	X												





1. Project name, number, and location.
2. Station identification number.
3. Monthly period which data covers.
4. Date the data was finalized.
5. "VA" stands for variable, which indicates no definite prevailing wind direction.
6. Computer program name and revision date.
7. Letters indicate reason for missing data. (see missing data codes)
8. "VA" stands for variable, which indicates no definite hourly average wind direction is possible.
9. Day of the month.
10. Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly averaga under hour"02" occured during the period 0200 to 0300.
11. Altituda of measurements. (10 metars, 20 meters, etc.)
12. Parameter.(the units are degrees of a circle 0 to 360 to the nearest 5 degrees)
13. Computer parameter code.



1. Project name, number, and location.
2. Station identification number.
3. Monthly period which the data covers.
4. Date the data was finalized.
5. Highest hourly average for each day.
6. Daily average of all hourly averages.
7. Letters indicate reasons for missing data. (see missing data codes)
8. Monthly average of all data values.
9. Standard Deviation of all data values.
10. Computer program name and revision date.
11. Monthly standard deviation of each hour.
12. Monthly averages of each hour.
13. Day of the month.
14. Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under "02" occured during the period 0200 to 0300.
15. Units of data.
16. Parameter.
17. Computer parameter code.
18. Monthly Peak.

METEOROLOGICAL

SITE 2

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

JAN, 1982

AEROVIRONMENT INC.

```
*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-5	-5	-5	-5	-5	-5	-6	-7	-6	-5	-3	-2	0	-1	-3	-2	-2	-2	-2	-4	-4	-5	-5	-7	-4	0
2	-8	-11	-12	-14	-12	-14	-15	-15	-13	-11	-10	-8	-7	-7	-7	-8	-8	-8	-8	-9	-11	-10	-12	-11	-10	-7
3	-13	-14	-15	-15	-15	-16	-17	-18	-18	-13	-10	-7	-1	-2	-3	-5	-8	-9	-9	-10	-5	-5	-5	-4	-10	-1
4	-5	-5	-5	-5	-4	-4	-4	-4	-3	-2	-2	-2	-1	-2	-3	-3	-4	-5	-3	-3	-2	-2	-4	-2	-3	-1
5	-2	-5	-6	-6	-6	-6	-6	-6	-6	-4	-4	-2	-2	-1	0	0	-1	-2	-3	-3	-3	-3	-4	-4	-4	0
6	-3	-2	-2	-2	-3	-4	-5	-6	-6	-7	-6	-6	-6	-4	-5	-8	-9	-11	-13	-12	-15	-16	-17	-16	-8	-2
7	-18	-20	-20	-21	-22	-23	-24	-25	-24	-22	-17	-13	-13	-10	-10	-10	-12	-15	-17	-19	-20	-21	-21	-22	-18	-10
8	-22	-22	-22	-22	-22	-22	-22	-22	-21	-17	-15	-11	-11	-10	-10	-10	-10	-12	-14	-15	-15	-16	-16	-17	-17	-10
9	-17	-17	-17	-18	-18	-18	-18	-19	-18	-17	-13	-11	-7	-5	-5	-7	-8	-10	-13	-13	-14	-14	-14	-15	-14	-5
10	-15	-15	-16	-16	-16	-17	-17	-17	-17	-15	-11	-9	-6	-5	-4	-4	-3	-6	-10	-11	-12	-12	-13	-13	-12	-3
11	-14	-14	-15	-15	-15	-16	-16	-15	-15	-13	-10	-8	-8	-6	-6	-6	-6	-7	-7	-8	-11	-11	-11	-13	-11	-6
12	-14	-14	-14	-14	-14	-13	-14	-15	-15	-11	-9	-7	-5	-3	-2	-2	-2	-6	-9	-8	-10	-11	-11	-11	-10	-2
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23	-7	-7	-7	-7	-9	-10	-11	-11	-9	-8	-3	-1	0	1	1	2	2	0	-1	0	-2	-3	-3	-4	-4	2
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26	-4	-5	-5	-5	-6	-7	-7	-8	-5	-3	-1	1	2	4	6	6	6	3	2	2	2	2	1	1	-1	6
27	7	7	3	2	2	2	1	1	1	2	3	4	4	5	6	6	4	-1	-2	-3	-4	-4	[RF]	[RF]	2	7
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3	1	-2	-2	-3	-3	-3	-3	-2	3
29	-2	-2	-3	-3	-2	-2	-3	-3	-3	-2	1	3	3	5	5	6	5	2	1	1	-1	-2	-3	-5	0	6
30	-6	-7	-7	-8	-8	-8	-8	-9	-5	-4	-1	0	1	1	3	4	3	0	-2	-3	-4	-3	-4	-4	-3	4
31	-5	-6	-7	-7	-8	-7	-7	-7	-6	-4	-1	1	2	3	2	2	2	2	2	1	-1	-2	-3	-3	-2	3
AV	-6	-7	-7	-8	-8	-8	-9	-9	-8	-6	-4	-2	-1	0	1	0	0	-2	-3	-4	-5	-5	-6	-6	-5	11
SD	7	7	7	7	7	7	7	7	7	7	6	5	5	5	6	6	6	6	6	6	6	6	6	6	7	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

FEB, 1982

AEROVIRONMENT INC.

```
*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-5	-5	-4	-3	-4	-4	-4	-5	-4	-3	-1	1	2	3	2	1	1	-1	-3	-3	-3	-4	-4	-5	-2	3
2	-5	-6	-6	-8	-10	-8	-8	-8	-7	-4	-4	-1	0	0	0	-1	-2	-2	-2	-2	-2	-3	-4	-4	-4	0
3	-4	-4	-4	-4	-4	-4	-4	-3	-3	-3	-2	-2	-1	-1	0	-2	-5	-7	-8	-9	-10	-10	-12	-13	-5	0
4	-14	-14	-15	-15	-15	-16	-16	-16	-16	-15	-15	-14	-14	-12	-13	-12	-13	-14	-16	-16	-16	-17	-17	-19	-15	-12
5	-20	-21	-22	-22	-22	-22	-23	-23	-24	-24	-16	-15	-14	-13	-11	-11	-12	-14	-17	-18	-19	-18	-18	-19	-18	-11
6	-20	-21	-22	-22	-22	-22	-23	-23	-24	-24	-16	-15	-14	-13	-11	-11	-12	-14	-17	-18	-19	-18	-18	-19	-18	-11
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20	0	-1	-2	-2	-2	-3	-3	-3	-1	2	4	6	8	9	9	11	11	10	6	4	3	3	1	1	3	11
21	0	0	-1	-1	-2	-2	-2	-2	0	2	5	6	8	10	11	12	12	11	6	5	3	3	1	1	4	12
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25	-1	-2	-2	-2	-3	-3	-4	-4	0	2	5	7	9	9	10	10	10	8	4	2	1	1	0	-1	2	10
26	-1	-2	-3	-3	-3	-4	-4	-3	0	3	5	8	9	11	11	12	11	10	8	7	7	6	4	2	4	12
27	1	1	1	0	0	0	1	4	4	5	7	9	11	12	12	12	12	10	8	7	7	6	6	5	6	12
28	2	1	0	0	-1	-1	-2	-2	1	4	7	8	10	11	12	13	14	12	7	6	8	7	7	7	5	14
AV	-5	-6	-6	-6	-7	-7	-7	-7	-6	-4	-1	1	2	3	4	4	4	2	-1	-2	-2	-3	-4	-4	-2	15
SD	7	8	8	8	8	8	8	8	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

MAR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	7	7	7	6	6	6	6	6	7	9	10	11	12	13	12	12	10	8	6	4	3	3	2	1	7	13
3	1	1	1	1	1	1	1	1	2	2	3	3	4	6	6	6	6	4	2	1	1	0	0	0	2	6
4	0	-2	-3	-3	-3	-4	-5	-5	-1	2	3	5	5	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	-1	5
5	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	3	3	4	4	5	4	3	3	1	0	1	0	-1	-1	2	5
6	-1	-1	-2	-2	-2	-3	-5	-6	-4	-2	0	2	3	4	4	5	6	5	3	1	0	1	2	1	0	6
7	1	1	-1	-2	-3	-4	-4	-3	-2	-1	1	2	4	7	9	10	10	10	6	4	5	4	3	4	3	10
8	1	0	0	0	-1	-1	-1	-1	0	2	3	5	6	8	10	10	6	6	7	8	7	6	6	6	4	10
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31	-2	-3	-3	-4	-4	-4	-4	-2	-1	2	5	8	9	12	14	14	14	13	12	12	12	12	11	11	6	14
AV	3	2	2	1	1	0	0	1	3	4	6	7	8	9	10	10	10	9	7	6	5	5	4	3	5	15
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

APR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	2	1	1	0	0	0	0	1	2	3	4	5	6	7	8	8	8	8	6	5	2	1	0	0	3	8
3	1	2	1	1	2	2	1	3	4	7	9	11	13	15	16	15	15	14	12	10	10	10	10	10	8	16
4	10	9	8	6	6	6	6	9	12	9	9	9	10	10	12	10	7	6	3	2	1	1	0	0	7	12
5	-2	-2	-2	-3	-4	-5	-3	0	3	4	5	6	8	9	8	8	7	7	6	5	4	4	4	3	3	9
6	1	0	-1	-1	-2	-2	-1	2	4	8	10	11	14	15	15	14	14	13	13	10	7	7	5	3	7	15
7	2	2	2	3	2	1	-1	-1	0	3	3	4	2	3	5	5	4	4	2	1	-1	0	0	-3	2	5
8	-2	-2	-2	-3	-4	-5	-5	-2	0	2	4	5	6	7	6	6	7	7	6	5	4	3	2	2	2	7
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22	1	0	-1	-2	-3	-2	-3	1	5	9	11	14	15	16	18	18	18	18	17	15	12	12	11	10	9	18
23	[OE]	[OE]	[OE]	[OE]	7	5	4	5	8	9	10	11	14	13	17	17	14	13	12	12	11	11	10	10	11	17
24	9	8	8	8	6	4	5	8	12	15	17	18	19	20	20	20	20	19	18	17	15	14	13	13	14	20
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26	9	8	8	7	8	8	9	11	13	14	14	16	19	17	14	15	15	14	14	11	10	9	10	10	12	19
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AV	5	4	4	3	2	2	2	5	7	9	11	12	13	14	14	14	14	13	12	10	9	8	7	6	8	22
SD	6	6	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	7	[ ]

GNOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	11	11	10	13	15	18	19	21	22	20	22	24	23	23	20	16	16	16	15	14	13	16	24
2	13	12	9	9	7	7	9	11	9	18	21	22	16	18	18	18	18	18	17	17	15	14	16	16	15	22
3	15	14	13	13	12	12	13	14	15	17	18	18	19	20	20	18	16	15	11	11	13	12	12	11	15	20
4	10	9	9	8	8	8	9	11	14	16	17	18	19	19	19	19	20	19	17	16	14	13	11	10	14	20
5	7	7	6	4	4	4	4	7	8	9	10	12	12	13	14	14	14	13	12	9	6	7	8	6	9	14
6	2	1	1	0	-1	-1	1	3	8	11	12	12	15	16	17	17	17	17	16	14	14	12	12	12	10	17
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18	13	12	14	13	13	12	15	15	20	22	23	24	24	24	24	25	24	22	19	18	16	15	12	12	18	25
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23	16	15	15	13	12	12	13	15	16	20	21	22	23	24	25	25	24	24	23	18	16	14	15	14	18	25
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25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
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29	10	9	7	6	5	6	9	12	14	16	18	20	21	22	23	24	23	22	16	13	12	11	9	10	14	24
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AV	10	10	9	8	7	7	9	11	13	15	16	17	17	19	19	19	18	18	16	15	13	13	12	11	13	26
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC103]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	13	10	8	7	6	8	10	13	17	18	19	21	21	22	22	23	22	22	21	20	19	18	16	15	16	23
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30	19	19	22	24	24	24	22	23	24	25	26	29	30	31	25	22	23	24	23	23	23	22	21	20	24	31
AV	15	14	13	13	12	12	15	17	19	21	23	25	26	26	26	26	25	25	24	23	21	19	18	17	20	34
SD	4	3	4	4	5	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4	4	6	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

JUL, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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1	21	21	20	19	18	17	18	20	23	24	25	25	26	27	28	28	27	27	26	25	24	23	21	17	23	28
2	16	15	14	13	11	11	14	17	20	23	25	27	28	29	30	29	29	29	28	27	24	23	22	21	22	30
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14	21	20	19	19	18	17	19	22	25	28	30	31	33	34	34	33	33	33	32	31	29	27	24	23	26	34
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AV	20	19	18	18	16	16	18	20	23	25	27	28	30	30	30	30	30	29	28	26	25	23	22	21	24	36
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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1	22	22	19	17	16	15	18	21	25	27	30	32	34	34	34	34	34	33	31	31	29	27	27	26	27	34
2	25	24	23	22	22	22	22	24	25	27	28	29	30	30	28	24	18	19	20	20	20	19	19	19	23	30
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AV	20	19	18	18	17	17	18	20	22	25	26	27	28	29	29	28	28	27	26	24	23	22	21	21	23	34
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

SEP, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

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AV	14	13	13	12	11	11	11	12	14	16	18	19	21	21	22	21	21	20	18	17	16	16	15	14	16	32
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	4	3	3	2	2	2	1	3	6	8	10	11	12	13	14	13	13	11	9	8	7	6	6	5	7	19
SD	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	5	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

JAN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	90	95	95	95	94	92	94	94	97	95	80	75	69	76	86	90	80	60	60	70	65	61	48	56	80	97
2	68	69	74	80	82	84	86	88	88	80	75	69	74	75	77	82	88	89	89	90	90	91	90	93	82	93
3	92	94	92	92	91	90	90	90	89	88	76	66	41	51	51	58	68	75	75	73	48	49	49	48	72	94
4	49	48	48	47	46	47	48	48	48	48	53	55	56	61	69	75	78	85	76	71	65	65	75	73	60	85
5	71	83	88	88	89	89	90	92	95	90	82	76	76	72	70	69	74	82	87	90	92	94	94	97	85	97
6	95	83	62	54	53	52	52	51	49	45	44	43	42	39	39	45	46	52	58	54	59	63	68	69	55	95
7	74	77	81	82	85	87	87	87	87	80	68	60	57	52	43	43	54	64	69	75	77	80	82	83	72	87
8	86	87	87	87	87	87	87	87	85	75	65	63	60	60	59	59	60	68	74	77	79	81	83	83	76	87
9	84	85	87	87	88	88	88	89	89	84	72	61	53	47	46	51	55	63	71	75	78	79	81	83	74	89
10	84	85	87	87	87	88	89	90	90	86	72	65	57	54	50	50	49	58	69	76	79	79	81	84	75	90
11	82	88	90	91	91	93	93	93	93	88	79	69	70	64	60	64	67	70	73	75	82	86	85	89	81	93
12	92	94	94	94	94	92	93	93	93	88	74	68	63	58	54	55	57	68	77	79	82	86	88	88	80	94
13	89	89	89	89	88	88	91	92	91	82	65	59	48	42	39	40	43	52	55	55	58	66	76	80	69	92
14	81	84	84	85	88	90	93	94	95	72	68	59	53	49	52	56	61	73	79	82	77	80	82	80	76	95
15	83	86	87	87	87	91	94	93	88	73	60	51	48	46	41	40	43	55	59	60	64	68	68	73	69	94
16	79	80	79	79	78	79	80	82	80	71	61	50	46	40	38	39	43	45	47	49	50	52	50	50	60	82
17	47	47	46	47	47	48	50	51	47	42	40	43	42	40	38	34	33	38	41	43	42	44	45	51	44	51
18	49	45	46	47	55	54	62	70	76	76	68	63	45	44	45	39	40	42	44	47	60	70	70	71	55	76
19	77	79	75	70	72	78	84	88	85	73	72	62	60	48	29	30	30	32	43	45	49	61	70	77	62	88
20	81	82	85	86	88	90	87	77	82	73	55	46	45	46	43	45	58	63	67	71	80	83	84	87	71	90
21	70	62	57	54	51	52	52	59	62	56	80	94	94	85	77	75	71	62	57	61	69	78	70	56	67	94
22	50	55	72	79	78	80	82	74	61	53	43	45	45	44	40	40	45	46	49	51	55	55	53	53	56	82
23	53	53	54	54	61	66	71	73	70	68	52	48	49	48	47	47	50	58	63	61	68	71	73	77	60	77
24	79	81	82	83	85	88	90	91	86	78	70	67	69	59	56	55	57	60	67	72	73	78	78	82	74	91
25	81	84	89	92	94	95	97	97	95	91	78	70	58	55	54	54	56	67	74	76	79	82	87	90	79	97
26	92	94	96	97	97	97	97	97	95	84	75	70	66	59	53	53	56	66	74	71	73	75	77	79	79	97
27	45	45	68	74	52	45	45	45	45	42	41	39	37	35	34	34	48	62	68	69	71	75	[RF]	[RF]	51	75
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	55	64	73	78	81	81	83	82	75	83
29	80	84	85	84	81	82	86	85	83	78	61	54	52	46	43	40	41	50	47	45	56	61	66	73	65	86
30	77	82	85	89	90	90	89	89	75	71	63	58	55	55	50	44	47	60	70	75	77	77	80	83	72	90
31	86	88	90	92	93	94	94	94	93	89	72	64	58	58	62	62	72	79	66	68	81	81	95	94	80	95
AV	76	77	78	79	79	80	81	82	80	74	65	60	56	54	52	52	56	62	65	67	70	73	74	76	69	97
SD	15	16	15	16	16	17	16	16	16	15	12	12	13	12	14	15	14	13	13	13	13	12	14	14	17	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

FEB, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	95	94	80	74	87	90	88	90	84	69	53	46	46	43	41	41	41	49	65	68	73	89	89	90	70	95
2	94	92	88	87	91	96	96	96	92	79	70	52	51	53	47	49	51	51	47	47	50	51	53	53	68	96
3	58	76	79	84	85	88	68	65	71	75	80	76	75	78	72	82	92	95	86	82	79	78	73	73	78	95
4	72	71	71	70	69	69	69	69	65	60	59	58	57	57	56	56	56	57	58	58	61	65	67	70	63	72
5	76	78	80	81	81	82	83	83	77	67	65	62	61	58	53	50	50	60	68	72	75	75	76	79	71	83
6	82	84	84	85	86	86	86	86	80	72	62	60	56	57	55	54	55	60	69	73	75	77	80	82	73	86
7	85	87	87	87	88	88	88	88	87	78	62	60	55	54	51	48	46	51	63	69	72	73	75	79	72	88
8	82	85	86	87	86	85	87	87	80	72	66	51	45	45	45	45	61	61	61	62	68	75	79	82	70	87
9	86	88	90	91	92	92	93	91	85	77	69	63	57	56	57	57	57	61	68	71	73	75	74	75	75	93
10	79	80	82	84	85	87	90	92	85	76	64	58	48	46	43	41	40	44	56	60	63	68	70	72	67	92
11	77	78	80	81	81	80	80	79	80	74	60	55	52	46	45	44	44	56	68	73	76	80	83	85	69	85
12	89	90	91	91	93	93	95	96	90	79	64	62	58	55	55	54	54	60	74	78	79	84	87	89	78	96
13	91	92	93	94	96	97	98	98	92	82	70	62	56	55	56	58	51	58	65	65	68	69	73	72	75	98
14	77	75	68	75	77	76	78	79	77	73	66	62	52	47	45	47	51	59	74	79	79	83	86	86	70	86
15	89	85	84	94	94	93	97	97	90	88	73	63	54	49	50	55	57	64	66	65	70	74	74	74	75	97
16	72	80	79	83	85	86	86	82	70	69	70	68	65	66	78	88	90	88	85	92	96	96	95	97	82	97
17	97	96	97	97	97	97	96	96	95	94	89	78	78	79	73	69	68	73	81	80	82	82	90	91	86	97
18	92	93	93	93	93	93	93	93	93	92	70	61	57	63	55	47	46	51	70	77	80	81	83	89	77	93
19	90	91	91	91	90	91	92	92	90	79	57	57	55	51	46	45	45	50	61	73	64	71	80	84	72	92
20	81	87	90	90	90	93	93	93	88	77	65	56	51	52	47	42	41	50	68	75	78	77	82	87	73	93
21	89	91	91	93	94	94	95	95	91	80	67	59	53	49	44	48	44	48	66	72	78	81	84	89	75	95
22	90	91	92	93	93	93	93	93	89	77	61	47	49	48	42	40	39	52	42	49	49	53	51	55	66	93
23	58	47	48	49	49	49	64	65	65	63	57	52	41	35	28	22	21	23	28	45	44	43	59	61	47	65
24	67	79	85	88	89	91	91	91	70	59	47	44	39	36	34	33	34	39	58	65	68	72	75	80	64	91
25	84	86	89	91	92	93	93	95	80	71	47	40	38	37	35	35	35	44	60	68	71	77	80	85	68	95
26	85	89	91	92	94	94	94	94	80	69	44	44	45	44	42	41	42	45	56	60	62	65	72	81	68	94
27	87	88	89	91	91	92	85	68	70	67	60	55	49	41	39	37	38	45	47	62	62	66	62	67	65	92
28	79	89	82	83	84	84	85	85	88	78	57	53	48	43	39	33	30	33	53	55	53	51	52	51	62	89
AV	82	84	84	86	87	88	88	87	82	75	63	57	53	52	49	49	49	55	63	68	70	73	75	78	71	98
SD	10	10	10	10	10	10	9	10	9	8	10	9	9	11	12	14	15	14	13	11	11	12	11	12	18	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

MAR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	52	62	72	81	85	87	86	79	75	63	54	52	53	45	39	43	41	44	45	47	51	56	62	65	60	87
2	68	73	73	73	75	77	76	78	74	65	51	41	40	37	38	42	67	68	90	92	93	91	91	94	69	94
3	96	96	95	88	89	92	94	94	88	82	79	76	76	65	60	56	55	70	81	88	92	92	91	89	83	96
4	85	89	93	93	92	91	83	81	72	65	59	58	50	54	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	76	93
5	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	58	57	54	49	49	49	56	52	68	72	65	80	82	82	62	82
6	70	62	60	67	64	67	85	88	80	72	58	48	52	53	52	48	36	39	54	68	68	58	54	54	61	88
7	50	50	62	72	77	82	85	82	79	74	62	53	40	39	36	35	36	32	49	63	49	51	58	49	57	85
8	65	71	78	80	82	84	86	85	83	75	67	56	52	48	43	40	39	40	52	45	48	50	49	49	61	86
9	49	49	54	50	57	55	50	49	54	53	47	42	35	31	28	26	25	25	27	30	35	36	38	38	41	57
10	38	43	50	61	65	70	73	75	72	68	60	52	36	36	35	29	29	32	34	37	39	49	61	64	50	75
11	68	68	61	61	77	81	86	88	81	76	61	55	54	54	56	53	51	52	58	61	66	64	65	67	65	88
12	69	68	65	75	76	65	63	63	62	58	49	32	22	19	23	23	23	25	28	34	45	55	59	63	49	76
13	74	77	82	83	87	89	90	93	65	55	47	41	37	37	37	37	37	37	49	61	65	63	72	75	62	93
14	85	89	90	89	90	94	94	96	88	78	61	51	50	49	51	57	57	57	59	60	64	70	73	73	72	96
15	76	75	74	85	93	91	84	77	71	62	56	51	44	45	46	47	46	45	49	58	66	67	67	67	64	93
16	69	76	76	78	72	70	74	65	54	50	46	43	43	47	46	44	45	52	66	80	86	89	91	94	65	94
17	92	74	53	46	49	59	84	84	64	55	60	52	41	34	34	34	34	35	42	51	52	56	60	63	55	92
18	70	75	76	82	88	89	89	85	55	35	22	21	21	19	19	21	21	29	68	86	94	94	94	90	60	94
19	85	78	61	61	57	54	55	55	48	43	40	38	37	37	36	36	35	37	37	39	40	41	42	44	47	85
20	49	50	50	50	50	51	48	46	43	41	40	39	33	32	32	31	30	25	28	31	48	58	64	73	43	73
21	62	72	77	79	86	88	90	85	66	51	46	45	43	40	35	32	31	36	45	52	57	64	69	75	59	90
22	61	67	75	83	85	87	90	88	68	55	42	40	36	34	31	28	28	29	36	47	41	38	42	49	53	90
23	52	57	61	70	74	65	65	60	53	45	40	35	32	30	29	28	28	29	38	47	52	56	60	66	49	74
24	72	74	77	81	79	78	69	65	50	43	37	33	29	28	26	25	25	26	28	30	31	35	51	61	48	81
25	64	66	74	84	89	90	86	71	62	56	50	43	38	33	31	29	29	30	35	43	46	48	50	53	54	90
26	53	57	60	58	59	65	66	65	62	58	60	73	85	85	91	82	81	81	88	92	94	93	93	89	75	94
27	86	87	89	87	90	91	90	82	89	87	70	57	53	51	46	42	40	41	50	54	56	60	64	63	68	91
28	64	65	64	63	62	63	61	60	55	50	44	40	36	34	32	29	26	27	29	30	32	34	36	36	45	65
29	38	40	42	48	47	60	56	65	85	92	91	86	71	61	75	87	70	50	43	43	45	47	58	63	61	92
30	67	75	79	75	73	77	71	82	69	49	44	40	34	31	34	38	40	36	34	41	60	66	67	66	56	82
31	72	74	79	80	82	82	83	82	75	62	54	41	40	40	31	28	27	26	28	30	29	31	31	32	52	83
AV	67	69	70	73	75	76	77	76	68	61	53	48	44	42	41	40	40	40	48	54	57	60	63	65	58	96
SD	15	14	13	13	14	13	14	13	13	14	13	13	14	14	15	16	15	15	18	19	19	19	17	17	20	[ ]

UHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

APR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	31	31	30	29	30	30	30	30	27	25	23	23	23	23	22	24	24	28	31	33	44	61	85	85	34	85
2	77	70	47	46	44	40	38	37	37	38	36	32	27	25	23	22	22	22	25	30	44	55	59	59	40	77
3	59	57	59	60	58	59	65	64	59	52	44	40	34	25	21	20	20	21	25	30	31	31	32	33	42	65
4	33	33	34	39	40	40	42	39	32	26	24	23	20	18	26	38	43	44	47	47	48	46	46	47	36	48
5	52	55	56	58	59	65	68	61	48	41	36	31	26	25	24	24	25	26	28	29	36	41	43	46	42	68
6	55	61	61	64	71	75	75	68	59	48	44	43	29	24	23	26	25	25	25	32	41	44	52	59	47	75
7	66	67	69	68	73	82	95	90	80	66	53	37	60	57	40	36	41	37	43	53	60	51	50	61	60	95
8	56	56	56	57	65	65	69	65	54	45	33	32	26	24	22	22	21	20	21	22	28	34	37	39	40	69
9	45	49	55	64	71	76	77	68	52	39	33	30	27	26	25	24	23	25	33	39	45	49	51	54	45	77
10	54	53	53	55	65	72	75	67	52	43	37	33	29	25	[RF]	[RF]	[RF]	[RF]	[RF]	20	22	22	22	22	43	75
11	22	24	24	25	25	28	31	28	27	27	27	27	28	30	33	35	38	39	48	64	59	52	50	48	35	64
12	47	48	55	74	80	83	87	82	65	60	55	51	44	41	37	36	36	36	36	39	48	55	62	68	55	87
13	69	72	77	82	86	89	85	72	55	45	41	36	32	30	27	20	19	19	19	20	21	23	24	25	45	89
14	26	26	26	27	28	31	39	41	38	27	21	20	16	15	15	15	15	16	17	21	27	30	30	31	25	41
15	31	31	32	39	45	51	52	47	39	33	31	29	27	25	25	22	21	22	22	23	26	29	36	42	33	52
16	46	44	43	43	44	45	47	44	41	39	[RF]	[RF]	[RF]	[RF]	31	29	28	28	28	31	35	36	38	42	38	47
17	46	49	53	57	60	64	66	61	50	43	36	33	29	27	25	24	23	22	22	22	26	28	29	33	39	66
18	34	41	48	55	59	63	64	60	50	41	32	29	24	23	23	27	27	27	27	32	36	38	38	40	39	64
19	43	43	43	43	44	48	53	52	48	43	38	32	29	28	33	33	33	35	36	36	36	37	39	43	40	53
20	47	51	54	58	61	65	67	65	58	49	46	43	43	41	40	40	43	46	45	42	41	42	44	49	49	67
21	54	58	57	57	63	68	70	65	57	50	40	33	28	25	25	24	24	23	23	23	23	25	29	32	41	70
22	35	39	42	47	50	50	53	50	44	39	35	32	29	26	24	22	20	20	20	20	21	22	34	40	34	53
23	[OE]	[OE]	[OE]	[OE]	73	73	75	75	73	78	76	69	56	57	40	38	47	52	53	54	55	55	58	61	61	78
24	66	70	70	70	74	80	80	71	55	42	33	28	25	23	21	20	19	19	21	24	26	27	29	31	43	80
25	34	38	46	53	59	62	58	51	44	39	32	29	26	26	29	27	27	28	30	31	34	36	40	45	39	62
26	48	54	57	59	61	60	60	58	54	52	53	50	42	41	47	53	52	53	59	72	77	78	78	77	58	78
27	77	78	81	86	89	90	87	82	72	65	58	50	39	33	31	30	29	32	34	39	44	49	51	54	58	90
28	59	67	70	77	78	79	72	62	46	40	34	31	27	25	24	23	23	23	26	28	29	29	29	29	43	79
29	29	29	30	37	49	52	52	53	48	46	48	50	49	42	38	37	34	33	33	36	38	[RF]	[RF]	48	41	53
30	51	52	52	49	50	54	53	50	45	41	38	33	30	29	22	22	22	22	30	35	38	40	44	49	40	54
AV	48	50	51	54	58	61	63	59	50	44	39	35	32	30	28	28	28	29	31	34	38	40	43	46	43	95
SD	15	15	15	16	16	17	17	15	12	12	12	10	10	10	7	8	10	10	11	13	13	13	15	15	17	[ ]

QHOUT -- QU000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

MAY, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	52	53	54	54	56	58	59	52	45	44	41	39	40	42	35	34	34	40	61	68	65	68	70	76	52	76
2	76	75	85	86	93	96	87	75	59	50	40	37	67	62	60	57	58	55	55	57	62	68	58	59	66	96
3	61	68	74	76	81	87	82	73	63	53	46	44	43	42	45	57	61	67	90	93	68	75	72	76	67	93
4	78	83	92	92	92	92	91	86	72	57	49	46	40	35	31	18	15	15	16	19	23	23	28	30	51	92
5	32	33	37	46	44	47	50	43	40	38	32	31	25	20	19	17	16	16	25	34	38	35	35	45	33	50
6	54	59	64	68	73	75	65	59	45	35	28	24	22	21	20	19	19	19	22	23	25	28	29	32	39	75
7	35	39	44	53	59	62	63	59	53	39	35	31	34	35	34	37	37	37	39	42	50	49	48	47	44	63
8	45	49	59	62	65	64	63	58	54	52	45	40	30	22	19	19	19	21	22	23	25	27	30	31	39	65
9	32	32	36	37	37	39	37	34	30	29	29	30	27	23	26	34	38	42	45	49	66	83	84	78	42	84
10	78	81	86	92	89	92	82	70	51	49	44	35	29	37	51	53	57	59	58	59	76	78	85	90	66	92
11	94	96	95	94	90	90	87	84	75	65	59	58	62	56	44	43	39	36	37	48	59	72	81	78	68	96
12	84	85	84	85	86	82	78	75	68	63	58	55	52	49	43	47	56	53	55	46	55	59	63	68	65	86
13	65	63	59	55	52	55	55	53	45	44	36	34	34	37	35	38	48	52	63	65	67	66	85	81	54	85
14	85	85	84	89	90	92	86	77	65	56	48	44	34	32	30	29	27	29	32	37	39	44	50	54	56	92
15	57	62	71	74	79	78	78	76	68	56	49	42	38	32	31	33	32	35	44	45	49	54	57	61	54	79
16	64	63	61	65	68	77	78	74	58	49	40	35	32	29	38	35	29	30	42	44	48	55	58	66	52	78
17	71	75	79	85	87	89	86	76	58	52	45	39	32	28	25	26	26	27	34	39	39	38	37	40	51	89
18	48	50	47	51	54	53	49	52	43	34	29	27	25	24	22	21	21	24	35	47	60	63	73	73	43	73
19	72	71	79	84	82	83	78	84	81	74	70	64	61	62	68	64	66	68	63	67	82	83	62	46	71	84
20	62	71	69	76	78	86	84	76	57	49	45	37	34	30	29	28	28	28	29	31	42	43	49	51	51	86
21	63	69	74	75	79	82	76	66	56	43	38	30	26	23	17	16	17	17	20	24	24	24	26	29	42	82
22	42	43	49	54	59	62	60	55	46	48	31	28	24	22	21	21	22	24	28	32	32	34	36	38	38	62
23	41	45	47	53	59	63	65	58	54	49	43	41	38	35	33	31	30	30	32	50	70	78	69	68	49	78
24	78	82	85	89	94	93	84	70	50	42	38	36	34	36	37	38	37	39	41	[RF]	[RF]	[RF]	[RF]	[RF]	58	94
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	30	30	31	31	26	27	24	24	26	30	31	33	34	29	34
28	36	39	49	59	58	57	58	57	48	37	25	23	22	22	22	22	22	22	22	22	25	27	34	36	35	59
29	39	44	48	50	53	55	53	48	44	38	34	33	32	29	28	27	25	27	36	41	43	48	54	52	41	55
30	55	57	60	66	71	72	67	65	63	61	63	78	94	92	79	75	63	62	71	73	75	80	86	88	72	94
31	91	95	95	96	97	97	88	80	68	60	54	46	35	28	24	22	19	19	20	24	28	32	37	38	54	97
AV	60	63	67	70	72	74	71	66	56	49	43	39	38	36	34	34	34	35	40	44	49	52	55	56	51	97
SD	19	19	18	17	17	17	15	13	12	11	11	12	16	16	15	15	16	16	18	18	18	20	20	19	21	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	44	45	46	44	51	54	52	48	43	36	25	22	20	14	26	27	25	25	27	28	32	35	39	42	35	54
2	43	51	63	67	74	73	60	55	44	38	34	31	27	25	24	23	23	23	25	27	34	40	44	41	41	74
3	50	51	57	59	62	68	68	64	55	48	43	38	33	27	25	23	23	23	23	25	26	30	32	32	41	68
4	35	41	46	48	52	53	52	45	29	23	20	19	18	9	9	9	9	10	11	12	19	20	21	23	26	53
5	29	31	33	34	39	37	36	35	28	24	19	18	17	9	8	8	10	9	28	39	48	51	52	57	29	57
6	59	59	62	57	60	58	55	54	55	39	34	32	28	27	25	23	22	22	22	22	24	27	29	31	39	62
7	33	37	38	39	41	44	42	41	38	33	29	25	19	12	10	10	9	9	9	9	9	10	11	12	24	44
8	18	20	20	22	24	29	35	39	43	41	38	37	33	28	27	25	24	24	24	26	29	34	45	51	31	51
9	55	57	60	67	77	75	65	62	54	48	40	37	33	29	27	27	25	25	25	29	31	32	36	38	44	77
10	43	47	51	53	56	57	48	45	37	34	28	26	24	22	21	21	21	21	23	24	26	29	34	39	35	57
11	44	46	46	46	54	53	49	45	40	37	34	30	24	22	23	23	23	24	26	24	27	30	31	32	35	54
12	34	35	37	38	38	40	41	39	37	34	32	28	26	23	22	20	19	19	19	19	20	22	23	25	29	41
13	28	30	29	29	33	37	39	37	28	24	21	19	17	15	15	15	16	17	17	19	20	21	23	24	24	39
14	29	30	32	34	38	39	39	39	37	35	32	29	34	39	39	41	41	41	49	59	62	71	74	75	43	75
15	75	77	78	80	80	82	77	73	68	66	59	49	49	41	43	42	41	41	41	42	44	49	58	60	59	82
16	65	69	73	77	80	79	68	64	55	49	43	38	33	30	28	26	28	28	29	31	33	40	47	51	49	80
17	59	64	71	76	82	81	69	65	58	54	45	41	36	33	28	29	29	28	29	33	35	41	46	50	49	82
18	59	61	69	69	69	70	70	70	69	66	62	56	49	46	43	42	39	37	35	35	35	37	40	43	53	70
19	44	49	55	57	60	64	60	55	50	48	41	37	32	28	30	31	31	31	40	49	51	52	54	59	46	64
20	62	61	62	63	68	74	69	67	54	48	44	38	30	26	26	26	25	25	28	30	30	32	35	39	44	74
21	44	50	55	59	62	63	60	59	65	61	46	41	39	36	33	32	34	43	54	51	54	59	62	64	51	65
22	73	75	80	84	82	84	81	68	58	50	43	40	30	27	33	34	35	36	36	35	36	39	41	41	52	84
23	41	43	48	54	59	61	57	53	46	43	37	33	30	31	31	36	40	41	41	42	46	50	54	58	45	61
24	61	61	67	69	71	73	67	61	54	48	44	41	34	28	26	24	25	28	30	32	35	38	39	42	46	73
25	46	49	50	53	57	59	58	55	50	45	43	38	37	39	49	48	67	76	73	72	81	89	95	92	59	95
26	94	95	94	93	94	94	80	73	58	52	43	35	33	24	22	21	21	21	22	25	29	32	35	41	51	95
27	49	50	56	60	65	67	59	53	44	37	30	27	22	19	18	18	18	18	18	18	19	20	21	23	35	67
28	29	31	34	35	36	36	36	35	32	27	24	18	14	13	12	11	10	10	10	10	13	13	14	15	22	36
29	19	22	24	23	23	23	23	22	19	18	18	17	17	16	14	13	13	12	13	13	15	16	17	20	18	24
30	23	24	25	25	25	27	33	38	39	38	35	32	28	28	39	54	57	54	53	54	53	50	55	60	40	60
AV	46	49	52	54	57	58	55	52	46	41	36	32	29	26	26	26	27	27	29	31	34	37	40	43	40	95
SD	18	17	18	19	19	19	15	13	13	12	11	9	9	9	10	11	13	14	14	15	16	17	18	18	18	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	58	54	57	60	64	70	73	65	50	42	34	31	27	25	23	20	19	19	20	19	20	22	27	30	39	73
2	35	38	39	42	43	45	44	40	38	30	33	30	27	24	21	19	18	18	18	18	20	21	22	23	29	45
3	24	27	29	33	35	36	37	35	34	32	27	24	22	20	17	17	16	16	15	15	15	16	17	17	24	37
4	18	19	19	20	20	23	25	25	23	22	20	19	17	15	14	14	14	16	18	31	36	39	40	40	23	40
5	41	43	45	46	49	52	52	54	56	54	50	46	46	49	51	55	54	57	89	90	89	93	86	85	60	93
6	91	87	80	85	93	96	91	75	64	55	46	38	35	31	25	23	22	22	22	22	25	26	27	33	51	96
7	40	39	41	48	56	61	62	53	41	35	30	27	22	19	19	[RF]	[RF]	[RF]	[RF]	[RF]	19	21	23	25	36	62
8	38	47	51	53	55	75	91	74	59	51	45	37	28	25	23	27	27	29	62	88	90	91	86	82	56	91
9	85	78	80	84	85	86	86	75	65	52	44	37	30	27	24	22	22	21	21	20	25	30	33	34	49	86
10	43	49	55	57	67	71	69	61	49	40	34	29	22	19	19	19	18	18	19	20	23	26	31	35	37	71
11	39	40	41	45	52	52	54	48	41	34	29	26	24	22	22	21	23	31	40	38	44	46	49	51	38	54
12	57	60	64	70	75	76	72	62	49	42	37	29	27	22	20	18	18	22	22	23	25	26	30	33	41	76
13	37	40	41	40	41	41	41	40	36	33	29	28	25	26	28	26	25	25	25	25	28	30	33	37	33	41
14	42	45	48	48	48	48	50	46	41	36	30	26	23	19	18	18	18	18	18	19	19	22	24	26	31	50
15	29	33	34	36	39	42	42	37	34	30	25	23	18	16	15	14	13	13	13	13	13	14	15	17	24	42
16	18	19	20	20	22	26	27	25	24	22	18	16	15	14	14	14	14	14	14	15	16	18	21	21	19	27
17	23	28	35	41	45	47	49	47	38	30	20	19	18	19	23	20	19	20	20	21	24	26	27	28	29	49
18	31	33	34	32	39	41	39	37	35	29	24	22	20	19	19	19	19	20	20	20	20	22	24	28	27	41
19	29	31	34	36	39	41	41	38	35	32	28	25	22	20	19	19	19	19	20	22	26	30	32	32	29	41
20	34	36	37	38	40	43	44	40	42	34	29	27	24	24	23	23	23	23	24	25	26	29	30	33	31	44
21	36	38	40	42	48	50	47	43	38	35	32	28	24	24	24	23	23	23	28	28	30	32	34	38	34	50
22	39	42	44	46	48	53	49	46	43	38	33	32	31	31	34	31	30	30	29	30	32	37	38	40	38	53
23	42	45	44	45	47	49	49	48	43	40	38	34	32	35	38	36	31	29	29	34	38	55	78	80	43	80
24	70	76	85	82	74	75	70	68	53	44	39	34	33	38	35	28	24	35	43	42	42	45	45	45	51	85
25	49	49	52	56	64	66	63	57	52	47	41	38	33	30	28	28	27	29	45	52	53	52	54	56	47	66
26	62	61	62	67	70	74	76	73	65	55	49	45	38	38	40	41	41	38	37	41	48	70	89	91	57	91
27	89	89	88	89	89	90	89	85	79	74	65	60	53	53	51	47	39	39	44	53	59	58	76	80	68	90
28	83	84	87	82	86	87	88	86	82	74	70	59	51	50	55	76	82	67	74	79	82	83	85	85	77	88
29	85	87	89	88	87	87	87	75	59	55	51	46	45	40	37	36	35	35	37	38	39	43	46	50	57	89
30	60	60	67	75	79	80	72	64	46	38	36	32	31	30	29	27	27	27	27	30	38	43	48	50	47	80
31	52	57	64	64	69	74	65	57	49	43	36	31	26	23	21	21	21	21	22	27	29	32	35	39	41	74
AV	48	49	52	54	57	60	59	54	47	41	36	32	29	27	27	27	26	26	31	33	35	39	42	44	41	96
SD	21	20	20	20	20	20	20	17	14	13	12	10	10	10	11	13	14	12	18	21	21	21	23	22	20	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	39	39	45	54	57	59	55	49	38	33	29	25	20	16	16	15	14	15	17	20	26	29	32	35	32	59
2	42	45	48	51	52	54	57	55	50	45	41	37	35	34	41	60	83	76	75	68	62	66	62	66	54	83
3	65	66	69	67	74	70	67	63	55	49	44	37	34	33	32	31	31	31	30	34	44	43	42	50	48	74
4	66	64	71	69	76	79	79	69	48	41	34	28	24	23	22	22	21	22	20	19	23	26	29	32	42	79
5	36	45	49	61	65	71	71	58	46	37	28	23	20	20	20	20	20	20	20	23	31	32	32	33	37	71
6	37	38	39	51	56	62	59	52	43	34	28	23	21	20	19	18	17	17	18	22	24	28	31	30	33	62
7	35	40	49	51	53	60	60	52	46	41	36	33	31	29	31	29	28	29	30	34	38	39	43	45	40	60
8	45	45	47	51	59	65	60	58	55	49	47	46	38	41	42	43	50	49	49	59	70	79	76	77	54	79
9	80	80	86	90	90	91	84	71	62	53	44	39	34	28	29	30	32	33	35	34	42	50	55	56	55	91
10	62	67	69	72	78	79	71	60	45	34	33	31	28	29	28	26	24	24	30	32	31	32	32	34	44	79
11	32	30	36	44	49	51	57	53	48	40	42	41	40	38	56	78	80	70	76	83	80	78	77	82	57	83
12	58	62	69	72	74	82	87	78	65	58	47	42	39	30	29	32	30	32	36	36	38	39	44	49	51	87
13	49	53	59	52	52	59	70	81	90	91	90	89	94	93	87	83	74	75	77	84	88	89	87	88	77	94
14	89	90	91	91	91	91	91	90	88	84	70	65	49	44	35	33	31	33	51	54	63	68	74	71	68	91
15	83	84	87	88	89	89	80	71	58	53	47	52	53	53	49	47	44	55	46	34	34	37	41	42	59	89
16	44	43	55	64	66	61	57	49	47	42	38	33	32	35	55	50	48	46	47	51	64	70	67	70	51	70
17	81	85	84	88	87	89	81	69	57	42	43	38	39	44	44	36	34	34	35	39	50	55	54	53	57	89
18	59	62	64	69	80	81	84	73	58	50	47	38	40	37	33	32	30	28	35	39	48	49	52	60	52	84
19	64	62	68	72	81	80	76	64	49	42	38	33	32	28	26	26	25	26	35	38	42	49	54	57	49	81
20	62	57	64	71	69	71	67	63	51	50	42	39	32	28	27	26	26	27	29	33	45	46	48	53	47	71
21	51	58	67	68	66	69	71	72	61	54	46	43	37	34	31	34	35	35	37	43	46	49	53	55	51	72
22	56	58	57	61	60	67	71	68	57	53	44	42	38	36	44	49	54	63	55	59	67	72	75	78	58	78
23	82	80	84	85	88	90	85	74	59	53	46	41	34	31	29	31	30	31	32	33	33	35	39	40	53	90
24	42	45	48	51	57	64	73	68	53	49	45	42	39	37	33	28	31	34	37	39	44	47	48	51	46	73
25	59	64	65	62	63	68	66	62	58	51	48	49	51	48	47	47	49	54	60	64	67	67	67	69	59	69
26	70	70	73	74	75	77	78	75	62	54	46	43	40	39	40	52	59	61	52	50	61	63	64	72	60	78
27	78	78	76	82	89	91	86	76	63	53	44	43	42	40	37	33	31	32	38	40	44	48	51	51	56	91
28	51	52	67	73	75	78	80	71	57	48	43	39	57	76	73	57	45	36	48	67	76	86	83	89	64	89
29	80	90	94	85	87	93	92	83	74	67	62	60	54	45	39	37	35	40	57	58	55	53	54	58	65	94
30	63	68	69	75	80	82	80	71	59	49	42	36	31	28	23	20	21	21	29	33	33	34	39	49	47	82
31	54	55	59	63	72	75	77	67	53	44	33	29	27	25	23	23	23	25	36	39	38	38	41	45	44	77
AV	59	60	65	68	71	74	73	67	57	50	44	41	38	37	37	37	37	38	41	44	49	51	53	56	52	94
SD	16	16	15	13	13	12	11	10	11	13	12	13	14	15	15	16	18	17	16	17	17	18	16	17	19	[ ]

WHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

SEP, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	54	56	63	64	68	74	71	64	53	45	38	34	27	23	20	20	20	20	26	31	30	32	35	38	42	74
2	46	47	53	59	63	62	68	63	50	43	38	35	29	27	26	25	25	26	31	35	32	40	46	49	42	68
3	54	59	62	64	68	68	71	66	54	46	37	34	29	27	25	23	23	23	23	27	29	28	29	30	42	71
4	39	43	40	51	52	53	58	53	44	42	40	36	30	28	29	31	37	44	48	51	57	59	64	62	45	64
5	66	68	68	72	75	78	78	76	69	67	60	50	44	42	54	71	62	63	66	76	74	80	83	79	68	83
6	93	92	91	90	88	92	92	90	71	56	47	43	36	32	30	30	29	36	53	58	53	57	57	58	61	93
7	59	65	65	67	70	76	85	87	90	87	76	69	63	57	55	52	50	48	50	57	67	72	76	77	68	90
8	70	79	84	87	88	87	81	86	80	72	61	54	43	35	29	22	20	20	26	35	42	44	46	49	56	88
9	50	52	59	62	66	71	78	79	68	58	45	41	37	30	30	29	28	28	29	34	37	41	41	43	47	79
10	44	46	48	52	55	58	56	56	51	49	49	65	67	66	54	42	43	54	63	71	85	80	86	82	59	86
11	85	84	86	94	90	90	87	87	88	89	88	88	85	88	79	72	68	66	66	68	73	82	86	85	82	94
12	88	88	89	90	91	91	91	91	80	71	51	49	46	42	40	40	39	39	50	61	66	68	69	73	67	91
13	78	82	82	87	89	89	90	87	83	80	73	83	93	92	89	80	75	77	83	83	71	75	80	78	82	93
14	75	79	90	90	89	90	94	94	82	74	64	54	55	53	52	54	61	72	77	80	81	79	80	84	75	94
15	85	87	89	92	93	93	93	91	84	75	75	72	68	68	68	64	63	63	72	80	83	87	89	89	80	93
16	91	90	92	94	94	94	94	93	86	83	65	57	50	43	39	33	24	25	30	44	50	54	58	62	64	94
17	71	74	72	67	72	72	69	65	75	67	54	43	37	34	33	33	33	34	45	47	42	42	43	50	53	75
18	58	65	74	78	83	87	87	80	65	57	47	40	37	34	32	31	31	33	39	42	45	50	54	60	55	87
19	69	75	78	80	78	87	88	80	65	53	60	66	53	43	45	66	51	52	52	54	55	63	77	85	66	88
20	84	90	93	89	92	91	88	91	85	76	71	66	60	55	54	52	52	52	67	78	81	82	80	80	75	93
21	83	88	90	91	90	90	91	88	75	60	49	45	42	40	38	35	34	40	44	42	45	49	50	51	60	91
22	60	68	65	76	78	81	85	76	62	52	45	39	35	33	27	22	22	23	25	30	34	36	43	50	49	85
23	55	54	65	73	79	82	85	79	65	55	40	35	27	20	22	21	21	21	34	33	38	43	43	51	48	85
24	57	64	66	68	75	76	80	75	60	50	38	35	34	31	27	24	25	31	38	38	40	39	42	48	48	80
25	45	46	55	57	60	57	66	72	87	85	81	73	62	60	59	63	70	81	86	79	79	84	88	91	70	91
26	82	78	75	77	76	82	88	84	75	64	62	53	44	43	40	38	37	37	37	39	40	65	87	92	62	92
27	89	86	93	93	92	90	89	89	87	82	70	64	57	68	69	64	80	84	77	70	77	79	73	74	79	93
28	68	70	70	73	78	70	74	72	65	62	54	48	45	45	51	67	77	79	86	89	87	89	88	90	71	90
29	92	93	88	91	85	78	83	87	93	93	90	86	84	82	80	87	88	88	90	90	90	90	91	93	88	93
30	93	93	95	96	96	95	95	94	91	88	75	70	63	57	47	44	36	31	33	37	47	59	61	64	69	96
AV	69	72	75	77	79	80	82	80	73	66	58	54	49	47	45	45	44	46	52	55	58	62	65	67	62	96
SD	17	16	15	14	12	12	11	12	14	15	16	17	18	19	19	20	21	22	21	20	20	19	19	18	21	[ ]

QHOUT -- QUOOO <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT
LEVEL HEIGHT : 2 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 2 BONANZA, UTAH

OCT, 1982

AEROVIRONMENT INC.

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**********************
*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	70	73	74	75	81	85	93	83	67	57	50	46	45	44	43	42	42	42	42	44	45	50	57	61	59	93
2	60	60	60	67	83	87	90	82	68	58	53	51	47	44	37	37	46	60	70	73	73	82	87	87	65	90
3	91	93	92	94	94	95	95	90	78	67	55	50	47	44	42	43	46	60	67	73	76	81	76	80	72	95
4	88	87	90	92	93	94	93	80	65	57	52	48	43	37	34	33	43	52	53	49	46	51	45	40	61	94
5	50	49	54	57	60	64	68	73	84	91	91	88	85	80	74	78	74	71	78	79	80	84	90	93	75	93
6	95	95	87	84	83	84	90	91	85	76	64	55	48	46	44	45	46	51	75	78	82	83	78	84	73	95
7	90	92	94	94	93	92	93	94	82	67	60	54	45	42	39	39	39	44	47	49	55	58	72	81	67	94
8	92	90	90	89	86	87	80	68	55	49	43	40	35	32	29	33	32	32	35	37	41	47	52	60	56	92
9	60	65	69	79	77	77	78	84	76	60	45	40	38	34	34	34	36	40	55	61	63	64	67	73	59	84
10	74	78	84	81	87	87	86	90	79	68	55	46	36	36	36	35	34	36	46	52	59	67	69	73	62	90
11	82	87	88	90	93	93	94	91	70	61	50	41	37	33	30	30	32	35	44	50	59	68	74	72	63	94
12	78	80	84	86	88	90	92	90	76	62	48	45	42	40	39	38	36	42	52	57	63	66	70	74	64	92
13	76	79	78	79	75	74	78	79	75	67	60	54	47	46	43	40	41	45	62	66	70	74	82	85	66	85
14	91	93	94	94	95	95	96	96	83	65	56	47	43	37	35	35	35	43	57	62	66	69	75	80	68	96
15	85	87	90	91	93	93	94	93	77	65	51	43	40	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	77	94
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	79	81	82	83	85	86	88	86	75	65	56	50	45	43	40	40	42	47	56	59	63	67	71	75	65	96
SD	14	14	12	11	9	9	8	8	8	10	11	12	12	12	11	12	11	11	13	13	13	13	13	14	20	[ ]

QHOUT -- 00000 <811111.1807>

SITE 4

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JAN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.6	2.0	1.5	1.6	2.1	1.1	2.3	2.3	1.5	2.8	2.8	6.4	8.2	11.9	9.0	11.2	16.2	6.8	5.2	4.1	4.3	5.1	6.3	6.2	5.1	16.2
2	7.7	5.7	4.6	11.1	11.3	10.9	11.8	6.8	.6	2.3	4.7	2.0	4.2	6.4	4.4	4.6	.7	4.2	2.6	2.1	5.1	4.8	3.4	4.3	5.3	11.8
3	3.3	3.4	1.1	1.6	1.9	2.4	3.0	1.8	2.0	1.9	9.1	11.2	10.8	4.9	2.3	.6	.8	1.2	4.9	5.9	10.4	11.6	12.9	11.7	5.0	12.9
4	10.1	10.5	10.7	6.9	9.4	10.4	9.7	5.9	6.3	6.8	9.1	12.8	9.5	11.0	8.2	8.0	9.6	13.0	8.0	8.1	4.6	6.9	4.7	10.3	8.8	13.0
5	6.6	4.0	1.5	7.7	11.7	6.2	5.4	3.3	1.5	1.8	2.7	5.5	4.3	3.1	3.4	2.9	4.3	1.7	1.0	2.0	2.7	4.5	8.5	6.7	4.3	11.7
6	8.0	16.2	14.2	11.2	12.2	12.1	9.2	11.6	10.6	12.9	10.0	10.1	5.7	5.4	4.8	8.3	5.1	2.5	2.3	5.0	4.4	3.7	2.7	1.9	7.9	16.2
7	2.0	2.2	.9	1.5	2.1	2.0	3.1	2.6	3.2	5.5	4.1	3.6	4.4	3.5	3.6	4.1	3.0	3.3	3.7	2.7	2.5	1.7	5.2	4.1	3.1	5.5
8	2.4	3.6	5.2	4.4	2.6	3.5	3.8	2.8	2.4	3.1	3.0	4.5	3.6	4.8	3.8	4.8	2.0	3.8	2.7	2.6	3.0	3.2	2.2	2.0	3.3	5.2
9	3.2	2.1	2.7	1.8	2.0	2.3	1.7	1.7	1.0	2.8	3.4	3.4	2.6	2.7	3.6	4.5	5.9	4.8	3.7	1.4	2.1	1.6	4.0	2.2	2.8	5.9
10	2.7	3.4	2.8	3.5	2.6	2.3	3.6	2.1	2.8	2.3	3.8	4.2	4.8	4.3	4.1	3.7	3.6	3.4	4.2	2.4	3.1	3.1	3.6	3.2	3.3	4.8
11	2.2	2.6	3.1	1.3	1.4	1.3	2.5	1.6	2.1	4.0	2.4	2.7	4.2	2.3	3.7	3.7	3.0	4.1	5.9	4.8	2.9	5.5	3.8	4.8	3.2	5.9
12	3.6	2.5	2.6	2.5	6.1	6.3	2.3	4.0	3.1	3.7	1.7	2.6	4.7	4.4	3.8	2.9	1.4	.6	2.3	2.2	.8	1.8	3.1	4.7	3.1	6.3
13	3.4	6.3	3.4	3.6	4.6	4.1	3.7	3.3	3.8	3.8	3.9	5.7	6.7	8.0	6.1	4.2	3.2	.7	4.3	5.3	8.5	7.2	3.6	3.8	4.6	8.5
14	4.5	6.2	3.2	4.4	4.3	8.7	4.3	4.7	1.7	2.5	3.1	3.5	2.2	2.3	3.5	4.8	4.7	4.3	3.4	2.7	10.3	16.5	3.4	5.1	4.8	16.5
15	7.3	5.7	4.5	3.3	6.0	3.9	4.7	6.1	8.2	8.4	8.9	11.4	11.3	9.4	5.3	8.5	4.6	1.8	1.9	3.0	3.5	5.0	5.5	3.0	5.9	11.4
16	3.2	4.8	4.2	7.0	5.7	3.9	2.5	5.1	3.0	5.4	7.3	10.0	11.9	9.6	9.6	10.2	14.3	9.1	11.9	10.6	10.7	8.6	9.4	8.0	7.8	14.3
17	11.2	15.2	12.4	11.8	12.6	11.8	11.1	10.3	8.6	11.7	6.9	9.5	8.2	5.3	3.4	4.3	8.8	8.9	10.5	11.5	15.1	14.4	13.5	10.6	10.3	15.2
18	7.6	8.2	12.3	11.7	8.1	6.0	3.5	2.7	3.6	5.1	6.3	10.0	11.3	11.7	7.2	9.6	11.3	8.3	4.4	7.0	4.8	2.8	4.7	3.7	7.2	12.3
19	6.7	9.8	12.3	10.2	8.2	7.9	5.2	3.4	5.8	5.6	10.1	13.2	14.5	15.3	14.6	20.4	17.4	14.0	8.0	5.3	8.5	6.2	5.4	3.9	9.7	20.4
20	2.9	3.0	4.2	5.8	3.8	6.4	10.7	9.6	7.7	7.4	9.1	10.3	10.7	9.6	13.8	14.7	12.6	10.4	7.2	6.6	4.0	2.7	2.8	5.1	7.5	14.7
21	11.5	11.2	17.4	19.1	22.7	21.0	20.7	22.0	16.5	16.0	14.3	9.8	5.7	16.8	12.7	6.9	7.0	9.9	10.2	4.8	3.3	6.5	7.4	9.2	12.6	22.7
22	10.9	7.8	2.9	4.5	4.1	5.2	5.7	8.9	9.3	9.0	10.7	16.1	20.1	19.4	22.5	21.9	21.9	18.4	17.9	12.1	5.3	6.3	10.3	8.5	11.7	22.5
23	8.7	10.3	9.4	10.5	11.3	11.3	7.1	3.1	2.8	5.2	7.6	9.9	6.0	4.4	3.7	5.3	5.0	8.1	7.6	4.4	4.8	8.8	6.2	3.4	6.9	11.3
24	4.2	3.9	3.8	3.0	3.0	4.1	4.3	3.2	3.1	3.3	4.0	7.5	7.4	5.0	2.9	3.1	5.6	6.9	4.6	4.7	2.3	1.9	2.6	1.9	4.0	7.5
25	2.8	4.0	7.5	8.3	2.3	1.9	2.0	5.3	4.6	5.1	3.1	3.9	3.4	3.7	4.9	5.1	2.0	2.1	2.7	2.0	1.6	4.5	3.1	3.4	3.7	8.3
26	2.1	2.9	2.8	3.5	3.4	3.5	2.9	2.2	1.8	2.5	3.5	5.1	7.5	7.2	5.7	4.8	9.8	6.3	7.1	5.3	4.6	4.2	5.2	9.8	4.7	9.8
27	12.5	10.9	12.1	27.5	28.1	26.2	23.3	26.8	19.9	17.1	8.4	7.8	8.0	5.0	4.9	4.7	3.6	3.2	1.4	2.6	3.8	6.2	5.2	3.1	11.3	28.1
28	2.5	2.1	3.2	1.9	1.8	2.7	3.4	2.2	2.9	8.2	4.0	4.1	2.7	2.5	5.9	5.3	2.2	4.1	2.1	5.4	4.5	5.2	3.5	5.1	3.6	8.2
29	3.7	1.2	3.7	3.0	3.9	3.8	3.9	4.6	5.2	4.6	4.0	7.5	7.2	5.9	3.9	5.1	2.8	6.6	2.3	6.5	6.3	7.8	6.2	8.0	4.9	8.0
30	5.2	3.3	4.7	3.7	3.9	5.1	2.7	3.7	4.5	2.5	1.8	2.0	2.8	2.9	4.0	3.8	4.4	2.0	2.2	1.9	2.8	2.7	3.8	3.1	3.3	5.2
31	2.2	2.0	.7	1.9	3.9	4.8	3.0	2.6	3.8	4.5	4.9	3.3	3.7	3.3	4.5	6.0	3.8	12.3	12.8	9.5	8.3	4.5	4.1	3.8	5.0	12.8
AV	5.4	5.7	5.7	6.4	6.7	6.6	5.9	5.7	5.0	5.7	5.8	7.1	7.0	6.8	6.3	6.7	6.7	6.0	5.5	5.0	5.1	5.7	5.4	5.3	6.0	28.1
SD	3.3	4.0	4.5	5.8	6.1	5.6	5.2	5.7	4.4	4.0	3.2	3.8	4.0	4.5	4.4	4.8	5.3	4.4	3.9	2.9	3.2	3.5	2.9	2.8	4.3	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.1	1.4	3.7	4.4	2.9	4.1	1.1	2.2	1.1	3.8	3.9	2.7	4.6	4.6	4.9	6.4	4.1	1.8	2.2	4.3	3.3	6.5	8.7	3.0	3.7	8.7
2	.9	4.9	6.3	6.4	3.9	2.6	2.1	2.3	1.8	2.8	4.1	3.8	3.8	2.7	3.0	3.0	3.8	5.7	6.0	5.5	6.0	8.6	8.5	6.7	4.4	8.6
3	8.3	6.1	4.1	7.4	6.4	4.4	6.7	6.4	4.9	3.9	4.8	4.2	3.5	3.2	4.1	5.9	5.3	8.2	9.4	10.8	9.8	13.2	12.7	13.9	7.0	13.9
4	11.2	7.1	5.0	6.9	4.6	4.3	5.6	4.3	3.0	3.7	4.5	4.2	4.8	7.1	6.7	7.8	9.8	11.0	8.0	8.7	6.5	5.6	7.1	8.2	6.5	11.2
5	6.9	8.0	6.6	7.0	4.4	2.1	1.4	3.8	1.4	1.7	3.2	4.0	5.5	6.3	4.5	3.8	2.6	3.2	2.6	1.9	1.4	2.1	1.6	6.1	3.8	8.0
6	7.1	3.9	3.4	1.4	1.8	2.1	1.3	1.5	2.5	1.5	2.8	3.6	3.5	3.9	4.6	5.0	5.4	4.8	4.6	2.2	1.5	2.7	1.2	1.6	3.1	7.1
7	1.1	1.7	1.2	1.8	1.2	1.0	.7	1.1	2.0	1.7	2.4	4.3	4.9	4.5	6.4	4.9	2.1	1.7	3.7	3.3	2.9	2.0	2.3	2.1	2.5	6.4
8	2.6	2.1	3.0	1.9	5.6	1.8	2.4	2.2	6.3	4.8	3.1	3.2	3.0	6.3	5.0	4.8	8.6	12.9	9.2	8.1	6.9	8.1	7.4	8.4	5.3	12.9
9	6.2	2.5	2.5	2.1	4.4	3.6	3.7	2.3	1.8	2.3	3.8	2.6	3.8	6.1	3.6	2.2	2.3	3.9	2.2	2.8	2.4	2.3	2.8	3.1	3.1	6.2
10	4.2	3.6	3.7	1.9	2.4	4.4	6.2	2.0	4.4	2.0	3.3	2.7	5.5	4.4	5.3	4.5	4.9	3.3	1.0	1.8	3.2	4.4	2.9	.6	3.4	6.2
11	1.0	1.3	1.2	1.4	1.4	1.2	3.8	3.1	1.8	2.3	2.8	3.7	4.1	3.6	5.0	4.3	1.1	1.3	2.1	6.4	6.0	2.5	.9	5.6	2.8	6.4
12	5.5	6.2	3.5	1.5	1.3	1.5	1.7	2.7	1.9	2.1	3.7	4.7	5.0	4.8	5.2	5.3	4.7	4.5	2.2	2.7	.9	1.6	1.8	2.3	3.2	6.2
13	1.2	2.8	1.4	2.3	1.0	2.3	2.3	2.0	2.1	2.8	2.4	4.1	5.8	5.5	5.8	3.5	2.9	1.8	4.9	5.6	3.2	2.5	2.2	2.4	3.0	5.8
14	2.2	.7	1.0	.9	1.0	.7	1.4	3.8	3.2	4.7	3.2	3.2	5.2	4.7	4.7	5.7	6.7	4.5	1.7	2.8	4.9	4.3	3.3	5.8	3.3	6.7
15	7.7	2.5	4.0	3.5	5.6	4.2	5.0	6.6	2.2	2.7	3.3	3.4	2.5	3.6	5.8	5.3	3.3	4.6	5.1	6.8	4.2	5.0	7.3	7.1	4.6	7.7
16	1.6	3.5	5.8	4.6	1.8	2.9	5.4	3.9	4.5	4.4	6.2	5.4	3.7	5.9	8.4	3.6	3.0	4.0	8.5	4.1	3.6	4.0	6.1	1.9	4.5	8.5
17	3.8	3.8	1.8	3.6	2.5	3.7	8.3	4.2	7.7	2.3	6.5	4.2	7.5	5.9	4.7	4.2	3.6	1.8	1.6	1.9	2.2	1.8	2.3	2.5	3.9	8.3
18	3.4	.8	2.0	1.7	.6	.9	2.1	.9	2.2	2.6	3.5	6.7	9.4	8.7	5.4	4.8	5.9	4.2	1.8	3.0	1.4	3.4	5.1	8.5	3.7	9.4
19	7.6	4.9	1.1	9.2	6.8	1.2	1.6	1.9	3.5	3.9	2.8	3.4	4.6	5.0	4.2	3.8	3.9	1.5	1.7	4.3	3.8	3.9	2.4	5.0	3.8	9.2
20	5.7	7.9	4.0	5.1	3.0	1.0	.9	3.6	7.0	5.8	5.0	4.7	5.3	6.1	4.9	2.6	2.6	3.1	3.1	3.5	1.3	2.0	3.8	6.3	4.1	7.9
21	.9	4.2	1.2	2.0	2.1	3.4	2.4	2.3	.8	2.1	3.3	4.8	5.1	4.8	5.6	4.9	2.6	2.8	2.9	1.7	.9	1.5	4.8	4.6	3.0	5.6
22	2.0	1.3	2.5	6.3	7.8	6.5	4.3	2.2	1.8	2.8	2.0	3.8	5.4	4.9	4.7	3.8	3.3	3.1	3.5	6.0	6.6	7.8	5.7	11.1	4.6	11.1
23	10.7	12.6	10.6	9.6	10.3	9.2	15.1	12.3	7.2	3.6	7.5	12.8	12.8	15.1	17.5	21.4	20.1	14.2	5.2	4.2	3.2	5.2	1.2	2.7	10.2	21.4
24	1.9	1.5	8.1	6.6	10.0	3.8	1.7	5.2	6.6	3.5	3.4	1.8	4.4	4.2	3.7	2.3	3.4	2.1	1.1	.8	2.3	2.2	1.0	1.4	3.5	10.0
25	4.4	6.1	1.6	1.1	2.0	1.9	1.9	1.6	2.1	2.8	5.5	4.3	4.2	4.4	5.6	4.0	3.4	2.9	1.9	1.8	2.4	7.2	3.3	2.5	3.3	7.2
26	3.7	5.6	2.2	1.3	3.7	2.9	3.5	5.6	5.3	1.9	2.9	3.2	6.8	5.4	4.0	3.8	5.9	6.6	6.7	6.8	6.0	6.2	5.1	3.8	4.5	6.8
27	2.4	3.1	1.6	3.2	2.8	5.1	6.3	7.7	8.3	5.4	4.1	2.9	5.2	7.7	6.4	6.1	7.9	7.4	7.8	9.1	8.1	6.1	1.8	2.6	5.4	9.1
28	2.7	1.8	2.1	1.3	3.3	3.2	7.2	3.8	3.9	3.5	6.3	5.0	4.7	4.0	6.0	5.1	3.3	2.2	2.8	3.7	6.4	8.0	8.1	7.7	4.4	8.1
AV	4.2	4.0	3.4	3.8	3.7	3.1	3.8	3.6	3.6	3.1	3.9	4.2	5.2	5.5	5.6	5.1	4.9	4.6	4.1	4.5	4.0	4.7	4.3	4.9	4.2	21.4
SD	3.0	2.7	2.3	2.6	2.6	1.9	3.1	2.4	2.2	1.2	1.4	2.0	2.0	2.3	2.6	3.4	3.6	3.4	2.6	2.6	2.4	2.8	3.0	3.2	2.7	[ ]

UNOUT -- 00000 <811111.1807>

WIND SPEED (CC:01)

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAR, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.9	3.4	5.4	5.6	9.4	10.9	10.1	6.7	5.7	7.0	12.5	11.5	9.4	10.3	8.7	8.8	9.8	9.0	8.6	9.1	8.0	10.4	7.3	9.1	8.5	12.5
2	8.1	6.6	4.6	2.4	4.3	4.4	3.0	2.0	1.5	7.3	12.9	12.6	14.1	13.2	14.3	11.1	6.4	9.0	7.2	5.6	5.0	9.7	5.9	7.2	7.4	14.3
3	4.2	2.8	4.2	4.3	2.6	1.2	2.8	1.8	.8	.8	1.8	1.4	1.8	2.9	2.3	2.2	1.2	2.2	6.5	5.7	5.3	2.6	2.1	4.1	2.8	6.5
4	2.8	2.7	1.6	1.2	1.0	3.5	3.5	5.5	5.7	4.5	4.1	4.5	9.2	5.6	8.6	7.9	7.4	5.3	7.4	4.9	.8	.7	1.0	1.3	4.2	9.2
5	3.0	.8	.3	.8	1.5	1.1	1.4	1.6	.1	1.4	3.1	7.9	5.5	4.7	4.9	4.5	4.1	1.1	.9	5.0	5.5	3.1	3.2	2.6	2.8	7.9
6	5.5	4.3	3.3	3.6	6.6	4.5	3.3	3.7	3.4	3.5	4.2	6.9	7.9	5.5	5.4	5.3	5.9	2.6	2.1	2.8	5.1	7.6	9.0	7.9	5.0	9.0
7	8.6	4.9	6.1	6.4	4.7	3.8	.6	1.5	3.4	1.0	1.3	1.1	2.9	3.2	3.6	5.7	5.1	8.2	2.2	4.8	5.7	2.2	5.9	3.0	4.0	8.6
8	2.0	.4	.0	3.0	1.3	1.0	2.3	1.3	1.6	4.0	3.9	5.3	3.6	1.8	4.0	6.0	4.6	3.3	3.3	7.7	8.6	8.6	8.7	9.4	4.0	9.4
9	6.7	8.4	6.0	8.5	7.5	8.5	9.1	13.5	10.3	4.2	4.5	5.5	7.5	9.4	10.8	11.0	12.3	11.6	9.8	9.3	9.3	11.5	14.3	13.6	9.3	14.3
10	15.0	10.5	4.3	2.2	1.8	1.7	2.8	1.9	4.1	6.7	9.4	8.8	12.1	14.8	6.9	13.2	10.8	10.6	5.5	6.9	5.3	1.9	3.3	3.4	6.8	15.0
11	2.5	4.5	8.8	5.2	2.4	2.2	1.8	1.8	1.7	4.1	9.7	11.6	14.9	17.1	12.8	12.9	10.7	12.1	11.3	9.7	12.2	11.0	8.9	11.4	8.4	17.1
12	11.6	11.4	9.0	18.4	16.7	16.9	16.2	11.1	10.5	10.0	12.9	14.4	16.6	15.5	13.7	14.4	13.7	11.3	6.2	2.9	3.1	4.6	5.0	4.0	11.3	18.4
13	4.9	3.0	3.0	3.4	5.9	5.3	2.4	3.0	2.2	3.8	3.7	4.4	5.0	6.1	6.1	6.4	6.0	3.7	2.7	2.3	1.6	4.3	2.8	2.2	3.9	6.4
14	3.0	2.0	6.6	7.8	7.7	6.5	7.4	3.3	2.5	2.1	3.8	4.0	4.0	10.6	12.3	12.0	11.4	10.2	8.7	7.8	10.2	4.6	5.2	5.4	6.6	12.3
15	7.8	6.7	5.8	6.2	2.1	7.1	5.4	5.0	3.6	7.8	11.5	13.5	15.2	16.4	19.6	8.9	11.9	14.0	12.6	7.3	7.4	9.8	11.5	8.4	9.4	19.6
16	3.0	3.7	6.5	6.5	7.8	6.4	5.8	4.5	8.4	15.2	17.8	11.2	13.6	13.6	14.2	14.7	13.3	11.8	10.8	6.3	4.8	2.9	4.5	2.2	8.7	17.8
17	2.0	7.6	11.0	6.9	8.6	5.3	2.9	3.0	3.8	3.3	7.5	10.2	11.6	12.1	7.8	8.5	8.0	6.0	6.0	4.2	5.2	7.5	6.7	7.4	6.8	12.1
18	5.8	4.6	7.2	9.5	9.3	6.6	3.9	3.9	7.1	17.3	17.0	19.1	16.5	18.1	21.4	17.6	15.0	20.1	23.3	15.3	3.2	4.0	3.6	14.7	11.8	23.3
19	4.3	6.1	8.0	8.3	7.0	7.7	7.8	8.7	8.5	13.5	13.8	14.4	16.0	15.7	18.9	16.2	22.0	19.5	19.5	16.0	13.5	16.2	12.0	8.1	12.6	22.0
20	6.9	4.8	5.2	9.1	8.5	8.8	12.8	9.0	12.3	14.2	12.9	11.7	15.6	14.2	9.7	7.5	7.3	10.4	7.8	7.5	4.3	6.0	4.3	3.8	8.9	15.6
21	4.4	2.1	2.3	1.5	1.7	.9	1.0	1.5	2.9	4.7	4.5	6.0	6.9	7.2	8.1	8.6	5.8	5.0	5.3	5.9	8.9	6.3	2.4	3.5	4.5	8.9
22	3.0	2.2	2.6	1.8	4.1	6.0	4.3	6.9	5.6	4.5	5.9	7.6	7.1	7.3	7.6	9.2	7.8	5.7	3.2	3.3	4.3	6.2	1.8	2.9	5.0	9.2
23	2.9	8.1	6.1	3.6	5.0	9.9	9.1	7.8	12.1	13.8	12.9	12.0	10.2	10.6	7.3	8.2	5.8	4.7	2.3	1.4	3.3	4.5	1.6	2.8	6.9	13.8
24	2.1	5.7	3.7	4.5	1.4	3.4	2.8	2.5	3.0	6.4	8.7	7.3	7.6	6.9	9.6	12.4	9.3	7.9	11.3	10.0	9.8	5.5	6.6	8.4	6.5	12.4
25	10.1	8.4	5.8	3.8	2.8	1.7	3.7	4.5	2.7	4.3	4.5	5.0	4.5	5.3	6.4	5.8	4.3	2.1	1.7	1.2	1.9	5.5	4.4	4.8	4.4	10.1
26	5.3	6.0	4.3	3.2	2.1	1.4	4.8	2.8	5.4	5.0	5.2	7.2	7.2	10.9	5.2	3.8	4.4	4.6	5.2	.9	1.2	2.1	3.6	3.6	4.4	10.9
27	5.3	2.3	2.8	1.8	2.0	1.0	2.1	2.0	2.5	2.6	2.8	4.1	4.8	5.1	5.7	4.9	6.7	7.3	7.8	8.2	8.5	10.1	11.1	9.4	5.0	11.1
28	10.9	9.1	10.1	10.3	11.9	11.4	9.1	10.6	7.1	10.8	11.6	13.9	12.4	14.0	12.3	15.1	16.8	12.3	13.0	12.5	10.0	6.8	9.7	11.5	11.4	16.8
29	10.1	11.6	14.4	8.5	3.6	9.2	13.9	14.0	6.2	3.9	9.7	6.0	12.4	22.0	22.4	8.2	9.0	14.5	9.8	8.5	8.0	7.6	5.9	5.2	10.2	22.4
30	6.3	4.4	5.9	6.4	6.6	4.6	10.3	15.0	17.1	20.9	21.9	24.9	26.0	24.4	14.8	17.1	15.6	12.3	11.0	4.6	5.0	6.3	8.2	7.4	12.4	26.0
31	5.0	2.7	3.2	2.2	2.4	2.4	3.6	1.9	3.7	5.0	10.8	11.9	13.7	12.8	14.2	14.8	15.0	12.6	8.5	8.7	10.7	11.5	13.2	15.4	8.6	15.4
AV	5.8	5.2	5.4	5.4	5.2	5.3	5.5	5.2	5.3	6.9	8.6	9.2	10.2	10.9	10.3	9.8	9.3	8.7	7.8	6.7	6.3	6.5	6.2	6.6	7.2	26.0
SD	3.2	3.0	3.1	3.6	3.7	3.8	4.0	4.1	3.9	5.1	5.2	5.2	5.4	5.7	5.3	4.2	4.6	4.9	5.0	3.7	3.3	3.6	3.6	3.9	4.6	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

APR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	12.2	11.0	10.1	9.9	8.5	7.8	5.7	5.4	12.7	15.5	13.3	13.9	15.0	12.2	14.3	16.0	16.9	14.5	14.8	10.1	12.7	[IN]	[IN]	[IN]	12.0	16.9
2	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
3	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
4	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
5	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	6.6	5.5	6.3	5.3	6.4	4.1	4.5	2.5	2.3	2.6	2.3	3.4	4.3	6.6
6	4.6	4.2	3.7	5.0	5.4	2.8	2.6	1.3	2.3	5.2	9.5	[MT]	10.5	21.5	17.2	20.2	13.0	12.6	9.5	3.8	3.2	6.0	2.5	2.2	7.3	21.5
7	3.9	4.3	5.3	7.1	10.7	13.5	9.8	7.4	4.6	2.8	4.4	14.9	13.6	13.2	5.3	7.7	10.8	6.3	7.7	4.8	5.1	5.0	3.4	3.4	7.3	14.9
8	5.0	4.9	5.8	6.3	3.6	4.9	2.8	2.9	4.2	6.1	9.3	11.6	12.2	14.0	16.4	9.6	15.6	16.1	15.4	14.4	9.5	9.7	11.2	10.4	9.2	16.4
9	9.3	4.4	3.2	1.8	3.0	9.0	7.2	3.8	4.2	5.6	5.6	10.1	7.5	12.4	15.1	13.3	15.4	8.5	10.9	4.0	4.4	5.0	5.7	3.3	7.2	15.4
10	3.8	5.4	7.3	7.2	11.5	5.2	3.7	2.1	5.2	6.9	6.1	6.7	4.8	5.7	6.8	7.4	5.4	6.9	14.1	7.2	11.4	12.4	10.9	10.5	7.3	14.1
11	8.2	6.4	5.0	8.0	7.0	3.6	4.8	6.3	6.5	14.1	13.3	10.4	8.1	11.5	10.7	7.6	11.6	8.5	9.0	5.2	7.3	9.9	15.5	17.9	9.0	17.9
12	14.2	12.2	13.7	18.5	10.2	3.7	4.5	3.6	4.5	4.3	6.7	7.6	12.2	12.3	11.1	13.7	13.1	11.3	7.0	5.8	2.7	2.3	3.7	7.7	8.6	18.5
13	5.1	6.3	3.1	1.6	2.3	6.5	7.8	2.9	3.7	3.5	6.8	6.8	5.6	5.8	8.7	11.7	18.4	12.8	7.2	5.8	9.9	9.3	9.7	11.3	7.2	18.4
14	9.2	11.2	12.1	12.2	8.2	6.3	5.5	4.2	7.8	13.0	13.7	12.1	17.1	19.4	15.3	14.9	12.3	12.1	6.7	2.6	4.4	5.5	6.1	10.0	10.3	19.4
15	9.9	10.1	11.9	5.4	3.5	1.6	4.7	7.0	9.2	7.1	9.0	11.0	13.6	16.4	17.0	19.2	21.8	15.1	14.4	8.6	6.4	8.4	4.6	5.2	10.0	21.8
16	5.5	8.8	10.9	8.3	3.1	5.0	8.5	10.2	12.0	8.1	7.3	8.4	7.7	6.1	6.8	6.3	5.4	4.4	2.4	2.4	3.0	4.8	5.4	7.0	6.6	12.0
17	3.5	2.6	1.9	.9	2.1	2.0	2.1	2.7	4.9	4.0	5.2	6.2	5.5	5.3	6.4	8.1	7.6	3.9	5.5	5.7	5.6	8.2	4.5	5.6	4.6	8.2
18	4.8	9.6	2.6	1.1	1.8	.9	2.5	2.6	3.9	8.4	14.6	16.9	22.0	23.6	28.1	22.6	24.5	21.5	20.4	18.2	18.0	17.4	15.0	5.6	12.8	28.1
19	6.7	3.9	3.7	5.0	3.1	4.6	4.0	4.5	4.2	5.2	7.3	6.2	6.1	7.2	12.3	9.4	9.7	11.8	10.0	8.7	10.3	11.9	13.7	11.6	7.5	13.7
20	11.6	8.5	9.9	5.3	5.0	3.9	4.3	10.6	16.8	22.6	17.9	16.7	12.4	11.6	10.4	8.8	7.5	9.4	6.8	9.9	7.8	5.8	2.1	3.1	9.5	22.6
21	4.4	6.5	7.1	6.8	3.2	2.5	2.9	3.9	7.3	9.4	13.9	14.0	15.5	14.6	11.3	10.6	12.0	14.5	12.3	10.5	8.8	7.0	5.2	1.3	8.6	15.5
22	1.6	2.2	1.8	3.0	3.1	1.1	1.9	2.5	3.0	4.3	4.6	5.4	7.5	8.1	8.4	7.3	8.9	8.2	8.1	4.8	5.6	7.2	12.1	7.3	5.3	12.1
23	4.1	3.2	5.7	4.9	4.7	4.3	5.5	5.2	5.1	4.8	4.2	4.0	7.0	4.0	7.2	4.1	8.9	10.4	10.0	7.9	9.1	9.3	10.7	8.1	6.4	10.7
24	8.4	8.4	6.9	4.8	3.4	3.8	2.4	4.5	4.8	3.9	4.0	4.7	4.5	6.5	9.5	9.5	6.0	7.1	7.2	17.2	21.6	14.7	8.9	7.1	7.5	21.6
25	3.1	6.3	5.0	3.7	3.2	3.2	4.9	3.0	3.7	4.5	4.7	7.9	9.8	11.2	13.4	10.8	13.8	7.6	8.8	10.8	3.0	3.7	3.1	2.9	6.3	13.8
26	3.1	2.8	3.4	5.6	6.7	4.6	4.0	4.4	4.6	7.0	9.3	6.8	6.8	8.2	19.2	8.5	7.0	9.0	7.3	10.1	9.4	6.2	4.4	9.3	7.0	19.2
27	5.4	3.4	2.6	1.7	2.1	5.7	6.1	5.6	4.7	8.8	[MT]	[MT]	[MT]	5.5	6.9	7.3	7.5	9.8	5.7	2.7	4.0	4.4	2.6	6.2	5.2	9.8
28	3.1	5.3	6.0	5.6	1.9	2.8	1.3	2.4	3.0	5.4	4.8	4.9	6.8	8.7	9.7	6.0	4.8	4.7	8.9	8.1	10.7	11.6	13.6	11.9	6.3	13.6
29	11.6	11.7	8.8	8.4	15.8	20.4	13.9	8.9	3.8	6.4	7.6	9.5	12.0	9.2	12.2	10.3	9.2	8.2	9.3	5.4	5.6	4.8	7.8	4.9	9.4	20.4
30	5.8	7.1	6.5	5.2	5.2	5.7	5.7	4.4	3.5	3.0	4.4	5.3	5.0	4.8	6.9	5.2	5.3	4.7	3.6	2.6	2.7	4.0	7.1	5.4	5.0	7.1
AV	6.5	6.6	6.3	5.9	5.3	5.2	5.0	4.7	5.8	7.5	8.3	9.3	9.8	10.5	11.6	10.4	11.1	9.8	9.2	7.4	7.6	7.6	7.4	7.0	7.8	28.1
SD	3.4	3.0	3.4	3.8	3.6	4.1	2.8	2.4	3.4	5.0	4.0	3.9	4.4	5.2	5.1	4.7	5.2	4.2	4.0	4.3	4.7	3.8	4.3	3.8	4.5	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAY, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.7	4.4	3.1	6.0	6.0	4.9	6.0	7.6	4.8	9.2	5.8	9.0	10.3	7.5	8.4	6.0	5.3	10.5	13.7	9.5	9.5	11.5	10.5	8.5	7.7	13.7
2	5.5	5.5	3.9	6.0	8.0	8.0	4.4	2.4	2.4	3.9	4.4	3.4	12.5	5.8	4.4	2.2	1.9	4.1	5.7	5.3	4.2	5.8	6.5	6.6	5.1	12.5
3	6.8	6.0	7.6	5.5	3.8	2.9	8.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5.9	8.5
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	9.6	8.5	12.1	8.7	11.4	16.0	14.9	9.2	5.7	6.2	3.7	3.5	9.1	16.0
5	3.9	5.6	2.4	4.5	10.1	7.1	4.4	6.8	7.9	7.0	6.6	9.7	9.4	7.6	9.3	7.2	10.0	6.2	5.3	1.5	2.5	3.9	4.2	3.7	6.1	10.1
6	3.1	2.0	4.0	4.2	8.1	5.0	2.7	3.1	7.2	7.1	8.0	8.4	9.1	8.1	5.7	5.3	5.5	5.0	2.1	9.1	16.1	17.1	16.2	12.7	7.3	17.1
7	10.0	3.7	2.6	1.9	6.2	6.1	3.4	3.1	6.9	7.4	10.1	13.4	15.2	14.6	8.1	14.9	9.4	7.6	6.7	5.9	9.2	4.6	8.2	6.7	7.7	15.2
8	10.0	4.8	2.3	2.8	3.3	3.0	3.7	3.8	4.5	6.0	8.2	7.2	12.5	17.4	15.5	14.7	16.1	17.0	14.6	6.6	6.1	8.6	7.2	9.5	8.6	17.4
9	7.6	10.4	9.1	8.8	10.8	5.1	7.1	6.7	12.1	14.0	13.4	18.7	14.4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	8.4	12.3	6.9	6.9	7.6	10.0	18.7
10	5.9	3.8	6.3	2.8	5.0	6.1	4.8	6.6	9.5	12.0	19.4	[PF]	[PF]	18.5	15.9	15.9	15.4	14.4	10.9	7.4	7.4	10.4	10.4	6.4	9.8	19.4
11	7.4	6.4	5.9	6.4	10.4	7.4	5.4	5.9	6.4	6.4	5.4	9.9	10.4	10.9	9.1	9.4	10.8	4.6	4.3	8.2	4.0	3.5	6.8	5.2	7.1	10.9
12	1.8	2.2	4.6	2.1	4.3	4.7	4.8	5.1	6.6	3.9	3.2	6.7	4.8	5.8	7.5	9.5	9.2	10.2	8.7	10.2	11.3	6.7	3.4	4.0	5.9	11.3
13	5.2	4.8	5.5	8.0	5.5	5.2	8.0	6.6	8.0	10.6	11.6	9.5	15.6	18.7	17.3	19.4	17.3	17.2	12.4	12.4	8.4	3.8	2.2	1.7	9.8	19.4
14	3.0	4.4	2.6	4.0	5.2	6.1	3.8	2.4	6.1	3.9	6.3	6.9	5.8	5.8	6.3	3.7	4.8	8.5	11.1	6.9	8.7	5.4	5.2	7.7	5.6	11.1
15	6.0	7.2	6.6	1.6	2.7	1.5	1.6	2.1	4.3	5.4	6.1	5.8	7.8	16.2	11.1	6.7	5.2	10.1	11.8	6.7	5.3	7.0	6.6	5.6	6.3	16.2
16	2.8	6.2	4.3	3.4	2.2	2.9	3.2	2.6	3.3	4.3	4.9	5.9	8.4	9.7	12.3	6.5	6.7	8.5	14.1	4.7	3.1	7.2	6.6	4.4	5.8	14.1
17	3.6	5.6	2.5	2.6	1.8	1.6	2.5	3.3	4.2	4.6	4.3	8.2	6.7	8.7	7.9	7.1	6.3	8.4	3.0	3.2	6.3	6.7	8.1	7.1	5.2	8.7
18	7.9	9.0	4.4	4.3	2.6	6.4	5.7	7.2	10.9	11.8	10.7	13.3	12.5	11.4	10.7	13.3	8.9	9.3	10.7	11.8	7.3	5.2	4.8	6.7	8.6	13.3
19	4.8	6.1	2.9	6.2	8.3	6.9	9.1	11.6	5.3	3.2	4.8	8.8	7.8	13.5	9.9	9.9	9.5	5.6	4.9	3.3	2.2	3.5	11.9	8.4	7.0	13.5
20	2.2	2.5	6.2	6.2	3.2	1.8	2.8	3.0	4.4	4.4	6.0	6.7	6.1	5.9	5.2	4.9	5.2	5.9	5.2	5.1	5.1	6.0	4.9	6.2	4.8	6.7
21	11.7	9.4	4.1	3.6	2.4	1.5	2.0	2.7	5.1	4.6	4.4	5.6	4.8	5.8	5.9	5.7	6.5	5.5	8.7	7.3	7.6	7.0	7.6	7.3	5.7	11.7
22	6.7	4.9	2.3	3.5	3.0	2.9	3.1	2.9	3.8	5.3	4.0	5.1	5.8	5.7	9.0	6.8	12.9	14.8	12.5	7.7	4.3	3.2	4.7	5.3	5.8	14.8
23	5.9	3.3	4.5	6.3	2.3	1.5	2.8	3.9	6.2	11.4	10.6	8.0	6.7	7.6	7.4	6.9	10.9	6.6	7.9	7.6	9.1	4.8	3.4	4.4	6.2	11.4
24	2.5	2.0	4.6	3.4	3.2	7.6	4.6	4.7	7.7	6.6	8.3	5.8	6.0	9.9	17.4	17.2	13.1	13.7	18.1	15.3	11.6	9.1	8.7	5.1	8.6	18.1
25	6.0	3.7	1.4	4.3	4.5	1.8	2.5	3.7	3.9	4.3	4.9	9.7	14.2	13.9	8.9	7.7	6.4	7.1	8.2	8.2	13.6	11.5	10.2	8.2	7.0	14.2
26	3.8	9.1	8.7	8.3	9.6	9.9	7.9	4.6	4.0	4.3	6.8	6.3	6.0	6.0	6.1	8.1	8.8	13.5	9.7	7.0	8.0	9.8	11.7	10.2	7.8	13.5
27	9.9	10.4	7.3	9.3	7.9	4.3	4.6	7.5	10.4	11.8	10.0	11.5	10.5	8.7	6.7	9.1	11.8	17.1	13.3	9.6	10.3	13.2	13.6	12.6	10.1	17.1
28	9.9	8.7	11.2	13.8	19.2	19.0	15.8	6.9	8.4	11.2	15.8	15.0	12.2	16.2	16.7	15.0	12.9	11.4	10.6	11.7	10.3	4.3	.7	2.2	11.6	19.2
29	4.9	4.2	1.7	1.3	1.2	3.3	3.0	3.9	4.8	3.6	5.1	6.0	7.5	8.7	6.6	5.6	12.8	13.8	11.6	9.0	3.9	3.3	3.0	7.6	5.7	13.8
30	6.4	5.9	10.5	5.9	5.2	8.2	7.8	11.4	13.6	12.6	8.7	16.6	12.0	5.4	4.2	4.5	7.6	4.7	6.2	2.5	4.3	6.8	5.2	6.9	7.6	16.6
31	4.0	7.6	7.2	6.0	9.0	6.3	1.8	3.3	4.2	6.0	6.0	5.1	5.3	5.4	6.7	7.7	6.8	7.1	8.3	6.5	5.8	6.6	6.7	7.6	6.1	9.0
AV	5.9	5.7	5.0	5.1	5.8	5.3	4.9	5.0	6.4	7.1	7.7	8.8	9.3	9.9	9.4	9.0	9.3	9.8	9.5	7.6	7.5	7.0	7.0	6.7	7.3	19.4
SD	2.6	2.4	2.6	2.7	3.8	3.5	3.0	2.5	2.8	3.3	3.8	3.7	3.3	4.3	3.9	4.4	3.8	4.2	4.0	3.0	3.4	3.3	3.5	2.6	3.7	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUN, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.9	5.4	4.5	5.4	4.3	2.4	2.4	2.8	3.0	5.1	11.9	11.1	14.7	20.3	23.1	24.5	16.5	16.8	20.9	18.2	16.9	14.4	12.0	4.7	11.1	24.5
2	4.5	3.9	6.7	3.6	3.8	3.4	6.6	5.3	5.5	6.2	8.1	10.9	9.9	13.2	11.1	9.5	9.9	10.5	14.1	10.0	12.0	14.6	6.9	4.2	8.1	14.6
3	2.9	4.5	3.4	6.5	2.5	6.0	3.1	1.8	4.4	4.5	5.7	8.1	6.8	10.5	10.0	7.4	8.0	6.3	4.2	2.6	4.0	2.8	5.8	3.5	5.2	10.5
4	5.5	10.5	9.9	6.8	4.0	3.8	8.9	8.9	9.2	12.0	12.3	8.9	8.9	15.4	22.3	19.8	19.4	22.4	18.5	11.0	8.0	5.9	6.5	4.4	11.0	22.4
5	6.6	8.6	13.6	12.5	8.6	10.3	7.3	2.6	8.0	10.9	12.5	13.2	8.7	17.2	19.7	19.2	23.6	23.3	26.0	17.9	21.7	12.2	5.2	7.1	13.2	26.0
6	4.9	2.9	4.5	4.2	3.5	6.0	6.4	4.5	8.2	8.2	6.2	6.7	10.4	10.3	12.5	11.0	13.4	13.5	11.1	10.2	3.9	4.7	10.3	9.2	7.8	13.5
7	6.7	7.3	3.2	3.6	2.9	.9	1.3	3.9	3.5	4.3	7.3	7.5	12.6	13.5	16.6	10.4	15.9	17.8	16.1	9.5	7.3	7.5	6.3	8.2	8.1	17.8
8	11.1	10.9	11.8	11.9	8.9	2.0	5.5	11.0	14.2	15.5	14.5	15.0	15.3	19.1	18.9	18.8	17.9	17.6	15.3	8.0	9.0	8.0	11.7	14.7	12.8	19.1
9	13.5	13.1	9.1	5.2	5.6	3.2	3.6	4.3	4.8	8.5	7.9	5.7	6.2	6.7	6.7	7.8	8.3	7.5	4.5	2.3	2.1	6.0	6.7	7.1	6.5	13.5
10	2.5	1.6	1.9	2.6	4.8	6.1	7.1	5.2	3.9	4.9	4.6	4.6	6.0	5.8	7.4	6.6	7.5	8.3	7.4	4.8	9.1	9.3	3.4	2.1	5.3	9.3
11	4.6	3.5	2.5	6.5	5.1	2.6	2.5	3.7	4.3	4.1	4.9	5.8	8.0	9.8	11.4	10.5	10.0	9.4	7.6	3.7	3.3	5.6	5.8	3.0	5.8	11.4
12	2.6	3.6	5.2	5.7	6.4	4.3	2.8	2.6	4.3	5.0	4.9	7.6	5.4	7.3	7.1	7.3	9.6	7.3	7.0	6.1	7.5	5.7	5.2	8.5	5.8	9.6
13	6.7	9.1	8.9	4.1	4.9	5.3	2.3	3.2	7.9	10.8	11.2	10.0	9.1	9.8	9.2	9.8	9.2	8.5	6.4	4.5	4.2	8.5	8.7	8.2	7.5	11.2
14	6.8	3.4	5.8	6.4	4.0	3.5	3.1	6.0	4.5	5.7	6.4	5.8	8.0	12.2	14.8	13.2	12.6	14.0	12.5	12.7	7.2	4.5	2.2	2.4	7.4	14.8
15	1.2	1.3	3.0	5.1	2.2	1.1	1.8	2.4	3.0	6.2	6.1	6.3	6.3	6.9	7.8	6.3	6.9	5.7	6.3	4.8	3.0	3.6	4.3	6.7	4.5	7.8
16	7.6	3.0	3.9	1.7	1.2	1.9	3.1	2.7	2.8	4.2	5.4	4.4	7.8	7.8	6.3	7.6	9.6	9.9	9.0	9.4	6.1	7.7	6.9	10.6	5.9	10.6
17	13.2	5.1	2.8	4.2	2.7	1.1	2.3	2.3	3.4	4.1	5.5	4.9	6.3	6.6	7.5	8.4	9.0	6.6	6.6	6.2	6.9	11.2	5.7	12.0	6.0	13.2
18	7.3	10.2	9.9	11.3	11.1	8.3	6.9	9.1	13.5	10.3	8.9	10.5	9.7	9.7	11.4	12.9	11.0	14.1	14.1	16.2	12.0	9.0	5.7	3.1	10.3	16.2
19	7.7	3.3	6.7	4.2	3.0	5.6	3.7	3.4	5.7	5.1	5.2	5.8	5.6	8.0	9.0	9.8	8.0	6.3	11.1	7.5	10.5	8.4	6.7	2.9	6.4	11.1
20	5.1	3.7	3.5	5.8	3.1	4.8	5.3	3.4	3.6	3.9	4.9	5.0	5.1	8.1	9.9	6.0	5.3	6.0	8.8	13.2	8.4	8.9	4.1	2.8	5.8	13.2
21	2.7	7.7	5.9	4.0	6.2	7.5	3.8	3.3	5.7	3.6	3.9	5.3	9.5	5.9	5.4	6.8	3.2	7.1	9.6	7.6	7.9	6.7	6.9	8.1	6.0	9.6
22	3.1	3.9	5.6	9.5	6.9	5.9	3.5	1.9	2.9	5.5	7.2	9.2	9.8	11.8	13.9	11.3	9.4	6.5	6.4	6.6	4.4	2.9	6.7	7.1	6.7	13.9
23	5.2	4.0	5.3	1.4	1.9	2.9	2.4	2.2	4.0	4.0	5.4	5.6	5.0	7.7	6.8	8.0	9.2	11.8	3.5	3.2	2.6	2.5	2.4	2.3	4.6	11.8
24	2.0	3.3	8.6	8.0	5.6	4.4	2.7	2.8	3.8	4.7	4.2	6.0	4.1	7.0	6.0	8.9	8.8	8.6	5.0	2.6	1.0	4.4	8.1	10.4	5.5	10.4
25	9.4	5.3	5.5	3.8	2.5	3.8	1.7	4.4	4.1	5.4	5.4	6.8	5.7	8.2	11.6	6.8	7.7	6.7	11.9	9.5	7.7	6.5	3.2	6.3	6.2	11.9
26	4.6	4.4	4.6	1.6	2.5	.4	3.4	3.1	3.4	4.0	4.4	4.3	5.3	5.6	6.4	7.2	4.8	4.0	4.3	2.9	5.5	4.5	6.6	5.5	4.3	7.2
27	5.7	6.5	2.8	.7	1.5	.9	3.7	2.2	4.0	3.7	3.7	5.7	7.4	8.6	10.3	7.1	5.5	4.9	4.0	4.0	6.0	6.6	8.8	8.1	5.1	10.3
28	10.6	6.4	7.6	4.9	2.5	6.6	5.0	3.4	3.8	5.8	8.5	10.3	12.1	11.2	11.4	10.8	9.7	12.1	10.6	8.4	5.5	7.2	8.6	9.1	8.0	12.1
29	8.2	7.7	6.3	7.5	7.6	9.5	8.2	9.1	10.7	10.9	10.8	10.0	9.0	10.0	12.0	10.3	10.6	10.2	8.1	5.0	3.7	5.5	7.4	10.7	8.7	12.0
30	7.7	7.5	5.8	8.8	9.8	10.0	13.0	7.9	6.0	10.9	15.1	13.6	9.8	6.4	16.2	21.9	6.8	7.6	6.3	3.2	9.5	6.6	13.2	12.4	9.8	21.9
AV	6.2	5.7	6.0	5.6	4.7	4.5	4.4	4.3	5.5	6.6	7.4	7.8	8.3	10.0	11.4	10.9	10.2	10.4	9.9	7.7	7.2	7.1	6.7	6.8	7.3	26.0
SD	3.1	3.0	2.9	3.0	2.6	2.8	2.6	2.5	3.0	3.1	3.3	2.9	2.8	3.9	4.9	5.0	4.5	5.0	5.4	4.5	4.4	3.1	2.7	3.4	4.2	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUL, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.4	9.1	9.8	8.7	8.8	9.3	6.0	6.1	10.7	12.3	12.7	14.0	12.1	13.5	14.9	16.9	16.8	15.6	15.3	12.3	11.1	6.6	4.1	2.7	10.7	16.9
2	2.8	5.4	7.2	3.9	5.7	2.4	1.7	2.7	4.0	5.0	5.4	6.3	6.7	9.9	15.3	15.1	16.0	15.5	13.3	9.9	5.7	7.7	9.7	9.9	7.8	16.0
3	6.6	3.3	3.7	2.0	2.1	1.2	1.9	3.2	3.5	4.5	8.0	9.1	6.7	9.6	9.9	8.7	8.9	9.0	8.5	7.1	4.7	7.2	8.6	11.1	6.2	11.1
4	10.0	9.6	9.9	12.3	10.0	3.6	2.4	3.8	10.9	9.6	10.2	11.3	11.9	12.6	13.4	12.0	18.3	12.6	13.1	15.8	13.9	2.6	3.0	4.7	9.9	18.3
5	3.8	3.6	2.3	4.0	2.8	2.2	2.4	8.7	7.3	7.3	9.6	12.0	14.7	15.6	17.1	12.9	13.8	12.8	13.9	6.6	6.7	3.0	5.7	8.7	8.2	17.1
6	6.0	3.6	5.8	6.6	3.5	4.7	2.9	2.9	3.2	3.9	4.7	5.7	6.8	8.8	6.8	5.8	5.8	5.4	5.4	4.9	4.1	4.4	7.0	6.9	5.2	8.8
7	7.0	6.2	2.3	3.0	2.6	2.9	5.7	3.6	4.1	4.9	5.6	6.2	7.1	5.8	5.7	7.8	6.5	5.9	5.9	8.2	10.1	9.1	6.1	9.1	5.9	10.1
8	12.5	11.9	7.7	3.8	5.2	5.0	8.9	8.2	6.5	6.2	5.2	6.1	5.2	6.4	7.4	10.1	10.1	10.1	20.7	5.4	6.2	2.7	6.7	5.9	7.7	20.7
9	4.0	5.7	6.2	4.5	4.2	5.1	7.3	3.8	4.1	3.7	5.6	9.5	9.7	9.8	9.2	8.9	6.7	9.4	5.3	9.5	4.9	4.5	3.6	2.2	6.1	9.8
10	4.2	5.2	4.7	4.4	1.1	2.0	3.8	2.8	5.3	5.1	4.1	5.0	5.2	7.8	5.6	7.9	5.8	4.9	4.2	3.2	1.7	3.1	3.1	5.9	4.4	7.9
11	7.2	3.3	3.6	2.9	4.7	1.8	3.2	8.3	7.6	6.7	5.6	6.2	6.1	6.6	8.8	6.4	9.0	18.8	13.7	8.9	5.3	5.4	8.0	3.5	6.7	18.8
12	2.0	2.6	4.0	8.9	3.4	1.5	2.7	2.8	3.6	3.4	4.1	3.8	5.7	6.2	8.6	11.0	6.8	9.3	4.6	2.8	5.4	5.7	8.2	5.8	5.1	11.0
13	5.5	4.3	5.5	8.9	6.9	4.5	6.4	6.1	6.3	5.2	6.2	5.6	5.8	9.5	8.5	5.2	8.8	10.1	10.1	9.2	6.7	5.9	9.9	4.1	6.9	10.1
14	8.8	8.7	7.3	4.2	5.8	4.6	2.9	2.8	3.9	3.3	6.7	7.3	7.5	11.2	8.0	8.2	4.7	4.6	10.7	5.8	3.4	3.0	2.3	4.0	5.8	11.2
15	8.8	11.2	8.4	4.2	3.0	4.3	3.1	3.8	4.0	3.4	4.8	8.6	11.5	14.2	17.3	17.0	15.9	13.3	11.9	9.5	8.5	12.3	9.8	8.2	9.0	17.3
16	9.7	7.3	3.6	9.4	6.1	3.6	7.5	9.5	8.5	15.1	15.1	13.3	13.4	21.2	18.5	14.3	10.9	13.3	12.3	7.5	4.1	2.1	2.7	5.8	9.8	21.2
17	7.4	8.5	8.7	11.4	10.0	11.3	8.8	7.5	13.9	15.3	19.8	18.1	19.1	14.2	15.7	13.0	10.8	7.4	8.7	10.7	4.8	2.1	.9	7.4	10.6	19.8
18	5.3	8.8	7.6	2.5	1.7	2.8	3.0	2.7	4.1	4.3	4.7	9.0	8.1	10.2	10.9	9.3	8.1	14.1	11.3	11.5	5.5	3.5	4.0	2.4	6.5	14.1
19	1.7	2.4	6.7	3.6	1.9	2.4	2.4	2.9	4.0	3.9	3.9	5.3	4.6	7.0	6.9	8.7	9.5	9.0	6.9	4.8	2.7	6.3	5.4	5.7	4.9	9.5
20	5.2	5.6	9.9	8.2	9.7	8.2	7.8	9.6	8.5	9.0	9.6	9.4	10.0	8.1	9.6	6.6	6.9	8.9	5.6	5.3	6.2	[PF]	7.5	7.0	7.9	10.0
21	7.6	6.6	7.1	6.6	6.9	6.7	6.9	7.3	7.0	7.1	2.9	4.4	5.0	6.3	7.8	5.8	8.1	6.6	8.4	15.4	9.9	6.5	7.1	2.3	6.9	15.4
22	5.6	5.4	7.2	4.2	4.9	4.7	4.2	2.3	2.2	2.8	4.5	5.9	7.9	8.5	8.2	8.7	5.7	6.0	4.1	5.6	4.4	5.1	5.6	8.0	5.5	8.7
23	5.4	4.7	4.9	9.4	4.4	3.8	1.8	2.3	4.4	4.4	7.8	10.5	11.2	10.7	11.4	9.0	6.3	6.9	15.3	17.2	13.5	7.5	9.1	6.3	7.8	17.2
24	10.0	7.8	8.3	8.0	6.5	4.8	2.9	7.3	6.5	6.5	6.6	8.1	4.9	10.9	10.5	5.5	8.1	13.5	13.9	7.9	7.1	9.4	4.4	4.7	7.7	13.9
25	5.8	7.2	4.3	4.5	5.3	2.0	3.2	2.6	5.0	4.5	3.6	5.2	5.0	5.9	7.9	6.5	5.1	5.1	6.5	4.7	7.8	5.7	7.3	4.5	5.2	7.9
26	5.2	12.2	10.8	6.2	6.2	2.3	3.8	3.2	3.3	4.3	4.7	5.3	6.5	8.1	10.7	7.1	4.6	3.6	9.1	10.1	10.5	9.8	6.9	2.6	6.5	12.2
27	4.7	6.3	3.8	3.8	2.9	2.7	3.2	3.3	2.0	3.2	3.5	4.4	5.9	5.0	7.1	5.6	5.2	3.9	2.8	2.3	2.9	8.1	5.2	4.3	4.3	8.1
28	4.7	4.4	3.4	2.9	2.7	4.0	2.1	1.6	2.0	3.6	4.3	2.9	3.1	6.2	8.8	11.0	6.9	4.7	2.8	3.2	1.3	1.4	1.8	1.3	3.8	11.0
29	2.2	1.0	.7	.6	4.8	3.7	4.0	5.0	6.3	5.0	4.9	5.5	5.8	5.8	6.1	7.2	8.1	8.1	9.7	5.6	3.8	10.2	7.7	7.7	5.4	10.2
30	5.5	3.7	3.7	3.7	4.3	4.1	2.2	3.6	6.5	5.9	5.1	4.6	6.0	5.8	6.8	6.3	5.0	5.5	3.5	2.7	1.3	2.2	3.2	3.4	4.4	6.8
31	1.5	2.8	6.0	3.4	3.1	1.6	1.6	1.8	4.4	4.9	4.2	4.5	7.0	5.3	6.5	5.9	8.7	4.3	2.8	3.5	3.5	4.6	8.5	9.7	4.6	9.7
AV	5.9	6.1	6.0	5.5	4.9	4.0	4.1	4.6	5.6	5.9	6.6	7.5	7.9	9.2	10.0	9.2	8.8	9.0	9.0	7.6	6.1	5.6	5.9	5.7	6.7	21.2
SD	2.6	2.9	2.6	2.9	2.4	2.3	2.2	2.5	2.8	3.2	3.7	3.5	3.5	3.7	3.7	3.4	3.8	4.1	4.6	3.9	3.3	2.8	2.6	2.6	3.6	[ ]

QHOUT -- QUOOO <811111.1807>

WIND SPEED [CC101]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

AUG, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.5	7.3	6.7	4.0	1.9	1.3	1.9	1.7	2.7	3.3	3.5	5.2	9.8	9.4	7.2	9.3	8.2	7.9	11.5	8.1	10.0	13.5	7.9	10.5	6.6	13.5
2	8.4	12.5	8.5	2.2	4.1	5.0	6.7	8.4	8.0	8.5	7.1	8.6	7.1	7.0	6.7	13.1	7.0	5.0	5.5	4.0	5.0	6.0	6.0	7.0	7.0	13.1
3	5.5	5.0	4.5	4.5	6.0	7.0	6.0	3.5	4.0	6.5	5.0	4.0	4.3	7.0	12.4	8.8	6.3	6.4	6.3	5.2	4.2	7.4	8.6	10.9	6.2	12.4
4	9.3	10.8	3.6	5.7	6.1	6.3	5.5	3.3	2.7	2.7	4.5	5.4	5.2	6.3	5.5	5.7	6.9	6.1	4.0	8.2	7.1	5.9	4.4	7.9	5.8	10.8
5	8.9	4.1	3.8	1.2	1.0	3.6	9.4	5.6	4.7	4.9	5.1	6.2	6.7	6.0	6.9	4.7	5.5	5.2	5.0	4.5	2.8	5.7	9.9	5.8	5.3	9.9
6	4.1	2.7	2.1	6.4	4.8	1.7	2.0	2.5	3.1	3.1	3.8	4.5	5.3	4.9	8.2	6.2	6.1	4.2	4.2	3.8	4.0	2.5	9.5	7.8	4.5	9.5
7	6.1	4.5	1.7	2.3	3.3	3.9	2.3	3.4	3.1	4.4	4.4	6.6	7.8	5.3	9.7	11.1	4.7	7.7	3.7	2.9	4.0	9.0	6.5	5.5	5.2	11.1
8	4.8	8.4	6.3	4.5	4.2	5.1	3.8	5.4	5.7	6.3	7.3	6.9	7.2	8.7	9.2	12.1	17.6	9.4	4.0	8.9	8.3	8.7	7.8	6.8	7.4	17.6
9	3.4	2.1	1.5	2.2	2.3	1.5	2.3	1.7	2.9	3.0	4.3	3.9	6.6	7.5	5.6	8.7	7.8	5.0	6.7	7.3	8.2	8.9	5.9	6.9	4.8	8.9
10	8.1	8.1	7.0	1.7	1.7	3.2	4.1	6.6	8.0	7.5	7.1	5.3	5.4	5.4	4.2	3.6	3.4	4.7	3.8	3.2	7.0	5.8	7.9	8.4	5.5	8.4
11	12.3	12.3	15.4	14.0	15.0	8.0	7.8	5.0	7.1	9.9	9.3	8.8	8.9	8.9	9.2	15.3	9.2	6.9	6.2	4.0	5.4	6.5	2.2	3.8	8.8	15.4
12	7.8	7.7	5.0	5.0	6.6	6.5	1.8	1.7	3.0	6.1	7.4	5.8	6.6	7.2	5.7	8.2	5.8	8.0	6.1	5.2	3.9	2.8	3.2	2.3	5.4	8.2
13	4.1	2.6	2.6	3.2	6.0	7.7	5.6	5.8	4.1	3.0	2.6	3.1	4.4	5.7	3.1	3.0	3.6	2.8	1.9	2.8	.8	1.9	2.1	1.5	3.5	7.7
14	4.0	2.7	1.7	3.4	2.8	1.6	2.3	2.9	3.5	2.5	4.0	3.6	4.0	4.1	4.1	5.2	5.6	4.7	2.8	2.8	4.7	5.5	6.3	5.9	3.8	6.3
15	3.0	5.2	5.0	8.0	3.4	2.1	1.6	1.1	2.8	4.1	4.1	4.5	3.5	2.9	3.4	2.7	2.9	3.1	3.7	7.9	6.0	8.6	11.0	10.7	4.6	11.0
16	11.8	9.3	4.6	2.1	2.7	6.6	8.0	5.2	3.9	5.4	4.7	4.0	4.3	3.5	4.3	7.6	7.5	6.4	6.8	6.6	2.9	3.5	6.3	8.1	5.7	11.8
17	7.3	5.9	4.0	7.0	3.7	1.7	1.5	1.6	2.3	2.0	2.8	3.4	4.4	3.8	7.0	5.3	2.9	2.3	5.2	5.6	9.5	9.1	10.1	8.0	4.9	10.1
18	8.8	4.7	12.5	11.6	7.8	7.7	4.1	1.3	2.1	2.8	3.1	3.6	4.2	4.6	4.0	3.7	3.9	3.2	9.0	7.0	5.0	4.0	4.6	5.2	5.4	12.5
19	8.8	3.9	5.2	6.4	4.5	3.9	7.9	2.5	2.0	4.0	4.9	4.2	4.2	3.1	3.9	5.5	3.9	3.3	.9	.8	1.1	6.1	6.1	10.9	4.5	10.9
20	7.6	5.8	5.6	3.0	1.3	1.9	2.0	1.6	3.3	4.7	5.3	4.9	8.0	6.3	6.4	5.2	5.8	5.1	3.7	9.2	15.5	17.1	8.5	6.3	6.0	17.1
21	7.5	8.3	5.2	2.7	4.3	2.4	1.9	4.8	3.4	4.1	4.1	4.2	4.5	5.5	5.4	8.6	6.6	5.9	5.1	11.2	6.0	6.0	3.0	3.0	5.2	11.2
22	3.7	5.3	8.2	5.1	3.3	2.9	3.6	4.5	3.3	7.2	7.7	6.4	4.0	4.0	7.5	8.7	8.1	9.5	7.0	8.5	9.9	10.9	10.5	11.6	6.7	11.6
23	7.8	3.3	4.2	4.2	2.5	1.8	1.0	2.4	2.7	2.7	3.4	6.3	5.7	7.7	9.7	8.3	9.5	8.1	9.7	8.4	7.7	7.8	5.6	3.2	5.6	9.7
24	6.6	7.5	5.4	5.2	6.0	4.0	3.4	5.5	7.1	6.6	6.0	6.7	5.9	6.4	5.1	6.4	5.4	6.3	4.5	4.4	6.4	6.9	8.5	6.6	6.0	8.5
25	4.0	3.0	3.0	6.8	6.3	6.5	6.4	6.9	8.0	8.1	6.9	8.3	7.7	8.4	9.6	8.6	9.6	9.3	11.3	10.8	11.4	10.0	10.6	9.3	8.0	11.4
26	8.4	7.9	8.3	5.1	4.8	3.0	3.5	3.0	5.0	6.2	6.2	6.7	5.9	7.2	7.1	5.0	7.8	5.2	9.5	8.7	5.9	6.5	5.0	2.2	6.0	9.5
27	4.1	7.1	3.5	3.2	2.3	3.9	7.0	1.7	3.9	4.4	4.3	5.6	5.3	4.5	7.6	6.1	7.4	7.6	3.7	5.2	5.0	6.7	5.8	7.1	5.1	7.6
28	6.6	7.2	6.6	8.1	6.5	8.0	9.3	7.4	5.8	5.9	7.8	8.1	16.9	16.0	7.2	6.8	5.4	8.3	6.8	12.0	5.6	3.8	7.1	8.6	8.0	16.9
29	9.9	5.6	9.3	11.1	8.3	1.8	.8	1.3	2.7	3.8	3.3	3.6	4.1	4.4	7.9	6.0	7.1	3.8	2.2	1.9	5.2	3.9	5.9	5.9	5.0	11.1
30	2.9	6.1	7.9	3.6	1.6	1.6	3.0	2.2	2.7	3.2	2.9	9.5	10.7	5.2	4.6	16.2	14.2	11.4	6.8	5.2	5.3	7.6	8.3	8.2	6.3	16.2
31	8.0	1.6	3.4	3.8	2.9	4.3	3.8	3.4	3.5	3.3	5.8	8.0	8.9	5.6	9.1	13.6	12.5	8.6	3.7	.8	2.2	2.2	5.2	6.3	5.4	13.6
AV	6.8	6.1	5.6	5.1	4.5	4.1	4.2	3.7	4.1	4.8	5.1	5.7	6.4	6.2	6.7	7.7	7.0	6.2	5.5	6.0	6.0	6.8	6.8	6.8	5.7	17.6
SD	2.5	2.8	3.1	3.0	2.8	2.3	2.6	2.0	1.8	2.0	1.8	1.8	2.7	2.5	2.3	3.5	3.2	2.3	2.6	3.0	3.1	3.3	2.5	2.7	2.8	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

SEP, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.9	3.9	2.5	4.2	3.2	5.6	2.5	3.3	5.1	3.8	4.9	5.0	6.7	8.0	8.5	5.7	5.6	5.1	1.4	4.2	6.7	8.7	4.3	2.8	4.9	8.7
2	4.6	4.3	8.0	5.5	2.5	2.2	1.2	1.9	4.3	4.3	3.8	5.3	6.7	6.4	6.6	6.3	6.5	4.8	2.1	1.8	2.5	7.9	8.0	3.1	4.6	8.0
3	2.4	1.4	1.4	3.0	3.7	6.4	3.8	5.2	3.5	3.7	4.4	3.1	6.1	6.4	4.9	7.2	8.3	7.4	6.5	4.8	5.8	9.4	10.0	10.4	5.4	10.4
4	4.1	2.6	3.5	1.9	4.4	4.3	3.6	2.2	2.5	6.5	9.0	12.1	8.8	7.2	7.9	13.0	6.3	7.6	6.8	5.2	7.8	6.7	3.0	3.8	5.9	13.0
5	6.6	4.9	7.0	9.0	7.7	4.6	2.9	4.7	7.3	6.2	4.9	4.0	5.4	5.6	12.1	10.2	8.0	7.1	7.3	8.7	4.5	8.6	7.0	6.1	6.7	12.1
6	3.5	1.6	1.5	2.2	6.1	2.1	1.1	3.8	2.6	3.6	5.1	3.9	4.0	3.6	6.2	7.2	6.4	16.0	13.0	6.7	4.9	6.0	7.3	5.4	5.2	16.0
7	9.4	6.6	7.3	8.4	5.5	6.9	2.0	2.1	4.1	3.1	1.5	4.7	4.4	3.7	3.3	3.9	2.5	3.0	2.8	2.0	1.6	.4	1.4	2.6	3.9	9.4
8	3.0	5.7	3.9	1.6	3.4	5.1	3.7	5.1	6.8	4.6	4.2	4.5	6.7	7.3	8.2	11.9	8.8	7.6	4.5	6.1	8.5	8.1	9.7	9.0	6.2	11.9
9	3.0	2.6	1.0	5.8	2.0	1.4	1.5	1.6	1.8	3.2	2.7	5.1	8.7	6.6	8.2	6.1	5.7	5.6	4.5	7.7	8.6	11.8	8.5	8.0	5.1	11.8
10	7.2	6.3	7.2	7.1	5.4	6.6	7.3	8.4	8.2	8.3	7.4	5.9	8.5	5.6	8.7	10.0	19.4	11.0	3.7	3.9	3.0	7.0	6.7	6.5	7.5	19.4
11	5.2	4.4	6.9	6.9	6.3	4.6	2.3	2.5	4.9	5.8	5.0	4.7	7.6	9.9	7.5	10.3	9.1	8.5	5.4	3.5	.5	1.1	2.0	1.8	5.3	10.3
12	1.5	1.1	3.6	1.4	4.9	7.1	8.3	5.6	3.8	3.2	5.1	5.0	8.2	7.5	9.8	8.8	5.9	2.1	4.6	5.9	5.8	6.8	5.2	5.3	5.3	9.8
13	6.5	5.1	6.3	2.8	3.2	4.2	4.3	5.7	5.4	5.3	5.2	6.5	5.0	5.9	4.1	3.5	4.3	3.2	2.2	3.3	8.4	7.1	4.7	6.7	5.0	8.4
14	5.3	4.4	1.2	1.9	3.2	1.8	1.6	2.6	2.4	2.9	3.0	2.4	7.1	5.7	5.3	4.4	4.5	4.3	4.5	4.7	5.5	4.9	3.6	2.0	3.7	7.1
15	2.6	4.7	2.1	2.2	2.6	1.3	1.8	2.1	3.1	2.3	2.9	3.9	6.2	6.7	7.4	4.7	5.3	3.6	1.3	2.1	2.6	2.0	1.4	1.4	3.2	7.4
16	4.5	1.5	.7	2.3	2.5	2.2	1.2	1.7	4.6	4.5	5.3	7.7	8.4	7.6	5.3	10.1	13.1	8.1	5.8	3.2	3.7	8.8	8.4	7.6	5.4	13.1
17	8.5	6.7	4.9	3.4	2.9	4.7	6.0	5.5	1.1	3.4	4.0	5.4	6.6	4.9	6.5	6.2	3.9	1.5	1.9	3.8	7.7	7.1	8.0	9.5	5.2	9.5
18	5.4	4.9	5.2	7.4	9.8	4.1	2.7	1.8	2.1	3.2	3.5	3.8	5.4	6.5	4.8	2.8	5.2	5.5	6.1	7.3	6.1	5.0	5.0	3.1	4.9	9.8
19	1.5	2.0	.5	.2	2.9	6.4	3.1	1.9	2.5	3.0	11.6	8.0	7.7	6.3	5.7	6.0	4.9	5.1	7.6	8.0	7.0	10.9	7.8	2.8	5.1	11.6
20	2.8	3.8	.8	.3	2.8	4.8	2.3	2.8	2.8	2.8	2.8	1.8	3.8	4.3	4.5	5.0	4.8	5.6	2.6	1.8	2.1	4.0	1.3	3.1	3.1	5.6
21	2.1	2.4	3.3	3.0	2.1	3.9	2.7	3.8	3.4	3.0	4.1	4.3	4.9	4.9	6.4	4.6	3.6	3.8	5.2	8.3	8.4	7.9	9.0	7.2	4.7	9.0
22	3.6	2.7	5.7	6.0	1.9	1.0	2.7	3.1	2.1	2.1	3.3	3.2	5.3	7.6	6.9	15.0	13.5	10.1	7.5	7.0	10.4	10.1	4.2	2.7	5.7	15.0
23	3.9	3.3	4.5	2.6	2.7	1.2	3.0	5.2	3.2	3.0	2.7	4.2	4.6	5.1	7.0	8.5	4.3	3.6	4.0	5.0	2.9	4.3	3.3	2.8	4.0	8.5
24	2.7	5.8	4.2	1.9	4.1	1.7	4.2	2.5	3.3	4.0	4.2	3.1	3.6	4.5	3.7	3.0	3.2	1.4	.8	2.9	1.8	4.5	2.4	4.0	3.2	5.8
25	4.2	2.3	3.4	3.0	2.5	4.6	3.8	8.3	2.9	5.0	2.9	3.3	5.1	1.9	2.8	1.4	2.0	2.1	2.9	6.2	8.2	5.9	2.1	6.0	3.9	8.3
26	5.4	8.3	9.7	9.1	4.2	5.1	3.5	2.8	2.1	4.5	7.9	9.6	14.4	8.1	12.1	13.2	11.7	11.0	7.2	5.2	8.4	9.9	6.8	4.5	7.7	14.4
27	4.0	6.1	4.3	2.7	5.7	3.3	3.5	2.4	4.7	5.1	7.3	9.3	12.8	10.6	7.9	10.3	18.9	9.4	8.8	7.6	9.4	7.3	7.6	8.8	7.4	18.9
28	7.5	7.8	5.0	5.4	5.0	6.7	11.1	7.8	10.0	12.4	13.6	13.3	11.6	10.8	9.6	11.3	13.5	2.9	1.8	6.9	4.3	7.8	2.2	4.1	8.0	13.6
29	3.5	3.9	4.4	10.2	6.9	7.8	3.3	2.6	6.3	7.1	5.2	4.7	4.1	4.9	6.5	8.3	8.0	6.3	5.6	5.0	2.2	3.0	2.9	2.6	5.2	10.2
30	4.2	4.9	3.0	2.0	2.3	2.3	2.7	2.4	4.9	3.5	2.5	5.8	9.6	12.8	9.3	6.6	6.8	12.3	13.5	9.6	6.2	5.1	5.5	7.0	6.0	13.5
AV	4.5	4.2	4.1	4.1	4.1	4.1	3.5	3.7	4.1	4.4	5.0	5.5	6.9	6.6	6.9	7.5	7.5	6.2	5.1	5.3	5.5	6.6	5.3	5.0	5.2	19.4
SD	2.0	1.9	2.4	2.8	1.9	2.0	2.2	2.0	2.0	2.1	2.7	2.7	2.6	2.3	2.3	3.4	4.4	3.5	3.1	2.2	2.7	2.8	2.7	2.6	2.9	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

OCT, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8.7	2.9	2.1	2.8	4.0	6.2	7.3	3.0	4.4	6.6	7.9	8.3	8.4	6.5	5.9	10.2	10.5	10.5	10.9	9.0	9.3	9.4	7.4	6.0	7.0	10.9
2	7.0	6.5	5.0	5.0	7.1	6.2	3.9	4.9	1.6	3.1	4.7	7.6	7.2	5.7	6.8	5.4	5.0	2.2	1.6	1.7	6.0	5.8	1.0	3.5	4.8	7.6
3	7.7	3.4	3.4	1.6	.9	.5	1.3	1.9	2.1	2.4	3.1	4.6	6.7	4.0	4.2	4.5	3.3	1.2	2.4	5.4	3.0	1.5	2.8	4.0	3.2	7.7
4	2.6	3.4	2.1	1.0	2.4	1.5	1.9	.9	1.1	1.7	3.3	3.8	5.3	3.7	3.5	6.4	4.4	2.7	1.9	3.7	5.4	5.2	7.6	8.5	3.5	8.5
5	6.5	5.8	5.5	12.2	8.0	4.5	2.7	.6	3.4	3.7	7.7	3.7	6.8	6.5	5.5	12.4	7.3	5.8	6.6	7.3	6.7	1.0	1.5	1.8	5.6	12.4
6	3.4	4.3	3.4	2.9	3.4	4.0	2.9	2.1	1.5	3.1	4.4	4.0	4.2	5.2	5.2	4.0	4.9	3.3	3.0	1.8	1.0	3.4	1.7	1.4	3.3	5.2
7	1.2	1.9	1.7	2.1	2.4	2.7	.9	2.0	3.0	3.0	3.9	2.7	4.8	2.2	4.3	3.1	3.0	2.0	3.9	17.7	20.4	9.8	12.5	7.6	5.0	20.4
8	6.2	7.3	3.9	4.0	4.2	3.9	4.6	4.3	8.2	6.4	3.6	4.8	5.5	7.0	7.2	7.9	6.7	6.4	6.3	3.3	8.7	4.0	5.0	2.8	5.5	8.7
9	4.5	2.7	3.3	3.8	1.6	2.1	.7	1.1	2.4	3.5	4.8	6.4	7.3	6.9	6.8	4.6	8.1	7.1	5.8	5.7	8.9	9.2	8.5	8.1	5.2	9.2
10	5.9	2.4	2.3	2.3	1.7	3.0	3.3	3.6	2.0	2.9	4.4	6.3	9.4	8.3	7.1	6.0	6.0	4.2	4.4	5.1	5.6	4.8	3.5	4.0	4.5	9.4
11	.8	1.1	.3	2.5	2.2	2.3	2.2	2.5	3.4	2.0	3.4	4.0	3.9	3.3	5.1	8.0	7.0	3.6	3.8	4.4	5.4	3.6	5.7	2.9	3.5	8.0
12	.7	1.2	1.3	1.4	2.0	1.3	1.4	.5	2.2	2.6	5.1	7.0	6.9	6.6	5.6	6.2	3.0	3.2	2.9	1.3	3.1	5.0	2.9	1.4	3.1	7.0
13	1.1	3.9	4.0	4.8	8.2	7.6	6.0	4.8	2.0	4.1	4.5	4.5	7.8	7.1	5.6	4.8	5.7	3.2	2.6	1.7	1.7	3.2	1.2	2.8	4.3	8.2
14	3.2	2.1	2.8	2.1	2.5	3.9	1.4	3.7	1.9	2.4	4.6	4.4	3.4	3.5	4.4	4.3	4.0	1.9	.1	.7	.7	.7	2.9	2.2	2.7	4.6
15	1.9	.9	4.1	2.2	2.0	1.6	6.5	6.4	3.3	2.6	3.8	3.3	4.0	5.3	7.5	5.0	3.2	.7	1.3	5.5	7.1	6.7	7.4	10.1	4.3	10.1
16	8.7	7.4	3.5	5.4	2.1	2.2	1.3	.9	1.3	2.2	2.7	2.9	4.1	7.1	8.5	6.4	3.9	1.9	3.5	7.5	7.8	6.9	6.3	4.1	4.5	8.7
17	5.1	1.7	5.0	3.1	5.7	.8	.7	.8	3.3	2.6	3.0	2.8	5.1	6.2	6.1	9.9	13.8	10.9	7.0	4.8	5.9	6.0	4.9	3.9	5.0	13.8
18	4.8	1.9	3.2	1.5	3.4	2.7	3.4	3.0	2.5	2.5	3.9	3.7	6.2	13.5	19.6	18.4	15.7	9.0	11.6	5.4	8.1	17.9	13.7	8.5	7.7	19.6
19	8.1	6.4	4.2	2.3	2.1	3.9	4.1	2.0	3.5	4.9	5.2	3.4	4.4	4.0	4.1	3.3	3.1	1.3	.4	3.5	3.0	4.0	1.7	1.9	3.5	8.1
20	1.8	5.6	1.4	3.0	1.9	2.2	4.6	4.3	2.5	2.9	4.3	3.3	3.4	3.5	4.9	3.1	1.9	1.8	1.5	1.0	2.5	1.3	3.1	1.3	2.8	5.6
21	1.8	5.9	7.6	4.0	4.0	2.4	2.5	1.2	2.8	1.9	2.9	2.6	2.1	4.4	5.1	3.0	1.5	1.9	2.5	3.6	6.1	1.3	2.6	3.3	3.2	7.6
22	1.1	.9	2.4	1.8	4.2	4.6	1.2	1.8	2.1	2.2	1.8	3.3	2.4	3.2	3.0	3.0	1.4	1.9	1.5	.3	1.2	1.7	.8	.4	2.0	4.6
23	1.1	1.5	2.0	1.8	1.7	4.1	4.8	2.9	3.7	2.7	2.3	2.7	4.5	4.5	3.6	3.6	2.1	2.7	2.1	.6	.5	1.4	1.8	1.7	2.5	4.8
24	2.4	2.8	8.2	4.3	1.8	1.4	1.9	2.4	4.7	3.8	6.9	4.0	2.5	3.6	5.1	4.0	3.1	2.5	3.6	4.2	3.7	4.9	3.3	3.6	3.7	8.2
25	4.6	5.9	3.0	6.3	5.0	2.8	3.1	3.0	4.5	4.2	5.2	6.1	7.3	3.9	3.1	4.7	2.6	.2	1.3	2.1	1.8	4.6	4.2	3.9	3.9	7.3
26	5.7	2.0	4.8	9.1	8.5	6.6	3.4	2.8	3.6	5.4	9.7	12.1	10.6	9.3	7.3	8.1	10.8	7.3	5.8	6.1	17.9	10.7	4.1	5.4	7.4	17.9
27	5.9	2.3	.5	4.6	11.7	8.0	9.1	7.0	5.1	3.5	6.0	8.5	3.9	2.6	4.8	10.2	7.2	8.3	6.6	6.6	9.1	4.6	3.1	2.3	5.9	11.7
28	3.0	3.7	3.3	3.0	6.0	6.3	7.9	7.0	4.9	2.8	4.3	4.2	2.7	2.3	2.5	3.2	2.6	2.6	3.6	6.2	7.5	8.3	9.1	9.4	4.9	9.4
29	3.9	3.9	4.6	3.7	3.5	4.4	5.1	6.5	6.9	5.3	3.4	8.6	8.5	7.2	6.3	6.3	6.0	7.1	4.8	5.1	5.2	4.8	3.5	3.2	5.3	8.6
30	1.7	.4	.4	1.4	2.9	1.7	1.8	.8	.6	2.4	3.2	1.9	3.0	3.6	3.4	1.7	1.7	3.0	4.0	1.5	1.2	2.2	1.7	1.8	2.0	4.0
31	.9	.3	1.3	.4	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	.7	1.3
AV	3.9	3.3	3.2	3.4	3.9	3.5	3.4	3.0	3.2	3.3	4.5	4.9	5.4	5.4	5.7	6.1	5.3	4.0	3.9	4.4	5.8	5.1	4.5	4.1	4.3	20.4
SD	2.6	2.1	1.9	2.4	2.6	2.0	2.2	2.0	1.7	1.3	1.7	2.3	2.2	2.4	3.0	3.5	3.6	3.0	2.7	3.4	4.6	3.7	3.3	2.7	2.8	[ ]

QHOUT -- QU000 <811111.1807>

WIND SPEED [CC101]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

NOV, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 7/APR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	1.2	3.5	3.4	8.2	7.2	3.1	2.4	5.1	5.9	.9	3.7	4.7	4.1	8.2
2	4.7	3.9	2.6	2.7	2.9	.1	.7	1.2	1.7	4.1	3.8	5.4	6.9	7.5	5.7	6.2	6.0	3.9	4.6	4.8	4.8	5.7	6.5	8.8	4.4	8.8
3	7.4	4.6	1.8	1.8	2.1	5.7	7.3	6.2	2.1	3.2	3.3	3.1	3.4	3.1	2.2	3.8	2.1	1.9	2.5	3.8	2.8	4.4	2.3	.9	3.4	7.4
4	1.0	1.6	2.5	6.0	3.4	2.2	.9	.0	.0	1.3	1.6	2.6	3.1	3.2	2.3	4.2	5.3	3.8	3.0	1.4	.3	.8	1.8	1.8	2.3	6.0
5	.8	1.9	1.1	.3	1.5	2.2	2.2	.4	1.0	1.4	1.1	1.9	2.2	3.1	2.8	2.7	4.9	5.1	2.5	1.5	1.1	.2	1.0	5.2	2.0	5.2
6	6.3	5.3	1.9	3.7	.7	1.2	2.2	2.8	.4	1.2	2.6	2.9	4.0	2.5	1.7	1.0	4.2	8.3	7.1	4.9	2.8	2.2	2.0	2.0	3.1	8.3
7	3.2	5.5	2.7	1.2	1.8	.4	.0	.3	.9	1.8	2.3	1.5	1.8	4.2	3.9	1.8	.9	.4	3.3	2.7	6.2	4.9	3.1	3.4	2.4	6.2
8	2.7	6.5	12.0	14.2	12.6	8.3	8.3	8.1	7.4	9.8	5.6	4.9	5.6	5.1	4.9	2.4	2.8	.9	1.1	1.4	1.9	2.7	2.6	1.1	5.5	14.2
9	3.1	2.1	.3	1.8	2.5	1.6	3.2	4.2	2.7	1.0	2.1	6.8	8.6	10.8	[SA]	[SA]	7.7	3.6	3.6	3.1	4.2	7.4	6.1	5.2	4.2	10.8
10	3.0	3.7	3.2	.6	1.1	3.0	1.8	3.2	4.4	4.1	8.2	10.4	9.2	9.2	7.2	8.0	9.2	6.1	2.0	2.1	.6	2.4	1.1	.0	4.3	10.4
11	.0	1.2	4.9	6.8	8.3	7.8	7.8	6.6	2.5	4.8	6.4	6.9	2.9	4.6	4.8	6.9	10.6	12.3	14.2	13.6	12.8	7.1	4.7	4.0	6.8	14.2
12	5.2	3.3	2.9	7.7	7.9	7.1	7.7	7.6	2.2	2.7	4.1	4.4	2.5	2.5	2.4	2.8	1.1	2.2	2.5	4.8	7.8	4.6	8.2	6.9	4.6	8.2
13	5.3	3.6	2.2	1.4	1.4	2.6	1.6	2.8	.2	3.0	1.5	7.1	7.7	11.7	16.8	19.8	22.9	10.7	8.4	4.5	4.4	3.0	4.7	4.5	6.3	22.9
14	4.4	3.2	7.3	4.1	2.3	2.0	1.0	.7	1.3	1.6	2.7	3.5	3.8	3.5	3.9	5.4	1.3	.8	.1	1.0	3.3	3.9	3.7	2.3	2.8	7.3
15	2.1	1.3	1.2	2.4	2.4	2.3	.4	.6	.5	.8	1.8	2.9	2.9	3.1	2.6	.8	2.9	3.4	3.1	3.4	.7	1.4	.2	3.4	1.9	3.4
16	2.8	2.3	2.9	1.1	1.4	1.1	1.0	.0	.3	.9	2.2	3.0	2.9	2.6	1.1	2.9	1.1	.5	2.2	.8	.8	.2	1.0	2.0	1.5	3.0
17	1.0	1.8	.3	.9	1.1	1.4	3.0	2.8	1.2	1.4	2.4	3.0	2.7	1.9	2.6	1.8	.9	2.4	1.1	1.1	.2	.9	.6	1.5	1.6	3.0
18	1.5	.2	.7	.7	.7	2.4	1.5	2.4	1.8	1.0	3.3	2.3	2.7	4.0	4.2	8.1	8.4	6.1	4.4	4.7	6.7	6.4	8.7	8.9	3.8	8.9
19	11.1	9.6	9.8	8.8	10.3	6.3	5.4	8.6	8.0	11.1	22.6	10.7	8.8	9.2	8.5	5.4	9.4	2.1	3.3	5.5	8.0	8.9	8.8	7.7	8.7	22.6
20	7.1	4.1	3.9	3.4	3.5	.9	3.0	1.5	2.6	2.2	2.9	4.5	4.3	5.0	3.4	2.8	2.8	2.5	5.3	4.5	2.8	3.1	1.8	1.4	3.3	7.1
21	1.7	2.3	1.9	.8	2.2	5.9	6.5	6.7	3.0	2.5	4.4	4.0	2.7	4.3	4.7	5.6	2.5	1.6	3.3	3.2	4.3	3.9	4.4	2.1	3.5	6.7
22	1.6	2.2	1.8	1.0	1.9	1.3	1.7	1.3	1.5	1.9	1.7	2.0	2.3	1.9	3.8	5.9	2.4	1.9	1.9	3.5	5.0	2.6	1.7	1.7	2.3	5.9
23	2.5	3.5	.8	1.3	2.1	5.4	4.6	5.8	4.3	4.1	2.9	3.6	3.5	4.9	5.5	6.7	4.2	1.4	1.6	2.6	1.4	6.6	7.7	2.1	3.7	7.7
24	3.0	1.3	2.6	.2	2.0	1.7	.8	1.7	.5	2.5	1.0	3.7	3.4	3.3	2.1	2.8	1.4	1.7	1.3	1.7	1.1	.3	2.0	2.0	1.8	3.7
25	1.0	2.3	1.7	1.4	1.7	1.2	2.5	5.1	5.4	1.4	1.4	5.2	2.7	2.9	2.7	3.2	3.9	1.6	2.4	2.1	4.2	3.4	2.7	2.1	2.7	5.4
26	2.5	1.8	2.4	2.4	3.5	2.2	2.2	2.0	1.3	2.9	2.4	4.1	4.6	4.1	2.2	1.5	.8	1.3	1.3	1.1	2.7	7.9	7.8	8.2	3.1	8.2
27	3.0	2.5	7.6	2.2	1.8	3.2	.6	.2	.7	.9	2.1	3.1	2.5	3.4	4.0	4.9	2.5	1.2	1.4	1.7	1.2	.5	.2	.0	2.1	7.6
28	.3	.9	2.0	.6	1.3	2.4	1.8	1.9	2.5	2.0	1.9	1.9	2.5	1.6	5.2	4.3	2.2	3.1	2.1	2.8	6.2	5.9	1.8	1.7	2.5	6.2
29	1.7	1.1	1.2	2.1	2.4	2.3	3.0	3.7	5.5	1.8	2.0	3.5	4.1	3.4	1.8	4.4	2.5	2.2	4.7	6.2	8.3	7.7	7.6	7.6	3.8	8.3
30	8.4	8.3	4.5	6.4	5.1	5.6	5.8	3.3	4.7	4.4	7.4	8.8	11.8	11.3	9.4	6.4	5.0	5.6	5.4	4.1	5.2	8.0	10.3	9.3	6.9	11.8
AV	3.4	3.2	3.1	3.0	3.2	3.1	3.1	3.2	2.4	2.8	3.7	4.4	4.2	4.7	4.3	4.9	4.6	3.4	3.4	3.5	3.9	3.9	4.0	3.8	3.6	22.9
SD	2.6	2.2	2.8	3.2	2.9	2.3	2.5	2.6	2.1	2.4	4.1	2.4	2.6	2.9	3.1	3.6	4.5	2.9	2.7	2.5	3.0	2.7	3.0	2.8	2.9	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

DEC, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 7/APR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11.7	13.9	15.2	11.7	13.7	10.8	12.0	8.7	9.0	10.9	11.8	10.1	9.9	10.5	10.6	9.8	10.1	7.5	7.2	7.9	8.5	8.1	7.5	5.6	10.1	15.2
2	5.7	6.6	6.9	5.8	5.6	5.0	3.7	3.2	4.1	14.9	10.8	10.8	6.8	5.8	4.8	6.9	4.8	5.2	7.7	4.5	3.9	2.3	2.9	2.9	5.9	14.9
3	2.8	4.2	1.3	2.5	3.7	2.7	7.1	7.0	4.4	3.4	2.4	2.9	3.7	3.7	4.0	4.2	3.9	2.8	3.0	.0	.7	.7	.8	1.2	3.0	7.1
4	.7	.4	5.5	3.3	2.0	.9	.7	1.8	2.7	1.5	3.6	3.6	2.7	2.6	1.9	2.3	2.7	2.4	2.2	2.7	1.9	2.3	1.1	1.5	2.2	5.5
5	3.9	8.5	4.2	6.1	9.2	7.0	5.9	7.3	5.2	3.0	3.5	4.4	3.0	2.6	1.1	3.2	1.6	1.3	1.2	.3	.6	1.4	2.8	2.2	3.7	9.2
6	1.9	1.4	1.4	3.8	2.0	2.1	2.8	3.3	1.6	1.6	2.3	4.0	5.5	3.6	4.6	3.0	1.3	2.2	3.7	4.3	2.9	1.6	1.9	2.5	2.7	5.5
7	4.6	2.7	2.8	3.7	2.2	3.4	2.5	2.0	1.9	1.3	.9	2.8	4.0	4.3	3.7	4.9	7.4	8.0	4.6	7.1	9.2	8.3	9.3	7.7	4.6	9.3
8	6.2	7.5	11.1	13.3	12.2	12.3	8.8	6.4	4.4	3.3	2.6	2.8	4.9	3.9	3.2	2.5	3.7	2.5	2.3	1.0	.0	.8	2.6	2.3	5.0	13.3
9	.9	1.4	2.3	1.2	.5	2.4	1.8	1.3	1.4	1.4	1.1	1.7	1.9	3.2	2.6	1.4	1.9	2.5	3.5	3.6	1.5	.8	.2	.8	1.7	3.6
10	1.1	1.1	2.0	1.1	.6	1.6	.8	1.6	1.3	2.5	3.6	2.8	3.5	2.3	2.2	2.5	1.4	.1	1.4	1.4	.0	.2	.3	2.0	1.6	3.6
11	1.0	3.1	.7	2.0	2.9	3.7	3.8	3.0	3.2	3.3	3.3	2.6	2.4	2.7	3.5	3.4	4.2	3.3	2.2	1.4	1.5	.9	1.5	2.9	2.6	4.2
12	.8	1.8	2.7	1.2	3.0	1.5	1.6	3.3	2.6	4.2	3.8	2.5	2.4	1.3	2.8	2.0	2.3	.1	.6	.5	.3	1.7	.0	.0	1.8	4.2
13	1.8	3.6	.0	.6	.5	2.1	3.0	2.0	2.1	2.1	2.5	2.6	1.6	3.6	5.5	3.9	1.3	3.4	2.7	5.0	4.0	1.3	4.0	11.8	3.0	11.8
14	13.3	10.4	9.5	9.8	8.8	8.4	5.1	7.9	9.6	6.1	5.3	4.0	4.5	5.8	4.3	1.0	2.2	.9	1.0	.0	4.6	3.7	3.1	2.9	5.5	13.3
15	1.5	1.4	1.7	2.0	1.8	1.7	2.4	4.2	3.7	2.1	1.5	2.8	3.5	2.5	3.3	2.2	2.9	1.1	1.8	1.3	2.2	1.4	2.4	3.8	2.3	4.2
16	2.8	1.4	3.0	4.0	3.2	1.9	.7	2.4	1.9	.4	2.5	2.5	2.4	2.3	2.5	1.9	1.6	3.7	1.6	2.5	2.1	2.4	2.6	1.0	2.2	4.0
17	2.2	2.6	2.3	4.0	2.8	2.2	4.0	3.2	2.8	1.7	3.3	3.9	1.4	2.1	2.6	2.5	1.6	2.2	1.1	1.1	1.4	1.5	3.1	5.2	2.5	5.2
18	2.6	2.6	5.8	9.2	8.9	4.1	12.3	5.9	3.0	2.5	2.3	4.1	9.2	8.6	7.2	3.4	2.3	5.0	6.3	8.3	5.9	2.6	2.2	.7	5.2	12.3
19	2.3	.5	.6	3.7	3.4	.4	.2	2.1	1.2	1.4	1.7	2.1	2.5	1.8	1.9	1.0	1.7	.8	.8	1.6	.9	3.2	1.6	1.8	1.6	3.7
20	1.4	.6	1.4	1.1	.9	.8	.2	4.5	6.5	2.1	2.7	.9	2.4	2.0	.9	.9	.7	1.3	2.0	2.0	2.7	2.8	4.5	3.3	2.0	6.5
21	1.7	2.5	3.8	3.6	1.2	.8	1.2	2.2	2.5	.9	1.4	3.6	2.6	1.8	1.1	2.7	2.4	1.9	2.1	3.3	9.3	4.4	3.9	1.4	2.6	9.3
22	2.2	3.0	2.6	3.6	5.9	3.0	1.1	3.3	3.9	5.6	7.7	9.2	9.7	9.3	7.6	7.1	8.7	7.6	9.5	3.4	4.3	5.7	4.3	7.7	5.7	9.7
23	7.0	4.6	7.5	9.3	4.6	4.3	4.3	9.5	7.3	6.7	5.5	3.1	2.8	5.1	11.4	8.0	2.4	1.9	3.7	4.3	3.3	6.7	7.4	3.7	5.6	11.4
24	7.2	7.8	2.6	2.5	1.5	6.4	8.4	7.8	14.0	7.7	5.8	7.5	9.7	8.5	13.5	17.8	19.1	13.3	17.0	14.5	14.7	7.6	13.4	6.5	9.8	19.1
25	5.5	6.9	8.1	5.7	7.5	2.8	5.0	3.1	1.9	.8	2.2	2.0	3.6	5.0	3.0	2.1	1.5	2.9	1.4	.8	1.4	7.1	6.7	5.2	3.8	8.1
26	4.7	6.6	7.7	3.3	.7	6.2	2.2	2.9	1.1	2.0	2.5	2.9	2.6	2.9	3.2	3.5	2.4	3.4	2.5	1.7	1.8	1.4	1.9	1.1	3.0	7.7
27	5.6	4.7	1.7	2.9	1.4	2.0	6.5	2.5	1.8	1.8	.8	3.3	2.9	2.9	2.0	7.9	3.9	3.2	1.1	3.1	3.5	2.7	5.3	5.6	3.3	7.9
28	3.0	1.9	2.3	1.7	2.3	3.6	5.3	6.0	2.7	3.3	1.5	2.2	1.5	2.3	2.5	1.7	.3	1.1	.9	1.1	3.6	1.8	2.3	2.1	2.4	6.0
29	3.0	1.5	2.3	1.6	1.5	.6	.6	1.3	.6	1.2	1.6	1.5	2.1	2.5	1.9	1.5	3.3	3.3	1.6	.8	1.8	2.4	.7	.5	1.7	3.3
30	2.6	1.9	1.5	1.8	1.8	2.4	1.5	1.4	.9	1.9	1.8	2.4	3.9	2.5	2.7	3.1	.9	1.5	1.2	1.3	8.4	7.5	2.9	1.6	2.5	9.4
31	2.1	2.8	.8	2.5	.7	1.6	2.2	2.0	4.6	2.0	1.8	3.1	3.2	2.8	2.7	3.4	4.0	2.2	.7	1.3	.7	1.4	.0	1.3	2.1	4.6
AV	3.7	3.9	3.9	4.1	3.8	3.5	3.8	4.0	3.7	3.3	3.4	3.7	4.0	3.9	4.0	3.9	3.5	3.2	3.2	3.0	3.5	3.1	3.3	3.2	3.6	19.1
SD	3.0	3.2	3.5	3.3	3.5	2.9	3.3	2.4	3.0	3.1	2.6	2.4	2.5	2.4	3.0	3.4	3.7	2.8	3.4	3.1	3.4	2.5	3.0	2.6	3.0	[ ]

QHOUT -- 00000 <811111.1807>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JAN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	305	80	98	144	294	252	300	256	231	349	51	298	263	281	254	273	261	209	159	151	258	264	254	234	13
2	239	242	181	144	148	131	139	169	308	297	289	348	299	285	296	296	303	280	227	143	139	165	218	235	14
3	215	176	106	108	242	200	210	195	191	181	250	269	287	23	45	84	269	255	214	237	228	214	208	222	11
4	227	214	213	231	202	201	203	185	176	200	179	222	220	223	216	225	222	207	217	218	227	206	202	211	10
5	241	130	187	250	234	256	245	169	319	281	302	268	283	340	21	339	272	277	110	213	268	215	191	260	13
6	266	280	278	265	270	284	310	297	310	311	325	332	353	[VA]	298	33	73	59	62	81	78	85	341	259	13
7	163	140	338	105	76	74	79	123	101	101	131	314	312	127	48	338	273	266	274	208	274	355	129	198	7
8	116	225	131	67	149	138	278	200	38	301	314	308	288	313	305	280	252	136	73	215	275	261	94	143	13
9	106	129	315	279	75	237	73	75	59	63	289	280	287	298	282	278	284	266	175	41	93	112	123	300	14
10	336	173	112	182	257	279	115	262	255	3	337	287	300	283	296	288	273	274	229	5	217	120	220	133	13
11	272	145	266	231	268	67	2	176	307	265	276	238	272	26	336	279	280	249	125	292	76	226	102	170	13
12	251	97	189	99	135	172	36	344	15	249	52	297	286	282	302	284	80	70	282	288	334	130	205	252	14
13	273	245	258	263	243	223	201	225	130	130	207	257	280	278	259	278	54	10	176	133	137	130	151	241	13
14	169	126	355	213	101	162	103	228	113	75	73	54	63	45	328	351	299	269	151	95	229	260	78	30	4
15	274	296	293	231	233	209	151	167	147	168	204	248	268	295	288	277	249	190	214	125	158	136	159	104	8
16	129	205	246	212	192	79	126	164	58	231	207	250	260	282	276	257	249	235	226	231	196	198	197	207	11
17	227	244	234	219	202	210	215	213	232	230	249	237	289	295	306	116	223	216	200	185	196	199	203	212	11
18	251	234	204	212	202	234	279	273	251	245	226	221	220	231	273	231	230	241	207	249	246	228	215	165	11
19	167	177	194	174	178	170	241	226	175	213	242	224	218	245	239	250	247	249	235	217	183	275	272	268	12
20	100	114	125	142	213	200	194	207	172	205	192	238	220	198	210	240	224	185	198	196	169	83	89	152	10
21	156	176	171	168	164	176	167	171	177	168	196	293	302	268	244	201	164	191	203	249	248	254	247	261	9
22	263	275	313	139	124	200	200	261	275	275	280	275	274	271	271	274	274	272	263	276	204	227	232	209	13
23	188	170	166	162	177	164	150	153	244	240	238	272	268	285	13	54	163	161	163	119	133	156	177	267	8
24	261	236	135	264	67	274	91	102	138	309	284	282	283	175	333	8	76	118	217	196	246	68	247	176	13
25	210	219	239	258	299	287	81	174	80	142	310	277	323	303	287	291	102	122	262	257	289	259	276	254	14
26	100	248	266	265	288	256	336	168	294	2	74	279	290	273	273	279	225	217	137	246	234	257	217	245	12
27	218	226	235	276	282	269	268	272	274	284	288	294	297	292	342	73	339	277	305	142	223	198	223	205	14
28	221	136	294	251	255	111	257	189	279	285	288	104	66	56	28	310	277	276	245	147	252	263	249	250	13
29	184	95	281	284	238	284	270	254	328	326	0	90	118	125	182	228	195	134	146	113	142	138	169	122	6
30	131	283	301	314	321	290	76	292	357	37	54	296	162	181	137	285	354	37	55	277	172	215	134	307	14
31	284	285	74	116	133	134	296	35	119	219	283	280	343	357	3	310	276	276	273	325	86	[VA]	230	118	14
PV	13	11	13	13	[VA]	10	13	9	[VA]	14	14	13	14	14	13	13	13	12	10	12	11	11	11	12	13

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JAN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	NW	E	E	SE	WNW	WSW	WNW	WSW	SW	N	NE	WNW	W	W	WSW	W	W	SSW	SSE	SSE	WSW	W	WSW	SW	W
2	WSW	WSW	S	SE	SSE	SE	SE	S	NW	WNW	WNW	NNW	WNW	WNW	WNW	WNW	WNW	W	SW	SE	SE	SSE	SW	SW	WNW
3	SW	S	ESE	ESE	WSW	SSW	SSW	SSW	S	S	WSW	W	WNW	NNE	NE	E	W	WSW	SW	WSW	SW	SW	SSW	SW	SW
4	SW	SW	SSW	SW	SSW	SSW	SSW	S	S	SSW	S	SW	SW	SW	SW	SW	SW	SSW	SW	SW	SW	SSW	SSW	SSW	SSW
5	WSW	SE	S	WSW	SW	WSW	WSW	S	NW	W	WNW	W	WNW	NNW	NNE	NNW	W	W	ESE	SSW	W	SW	S	W	W
6	W	W	W	W	W	WNW	NW	WNW	NW	NW	NW	NNW	N	[VA]	WNW	NNE	ENE	ENE	ENE	E	ENE	E	NNW	W	W
7	SSE	SE	NNW	ESE	ENE	ENE	E	ESE	E	E	SE	NW	NW	SE	NE	NNW	W	W	W	SSW	W	N	SE	SSW	SE
8	ESE	SW	SE	ENE	SSE	SE	W	SSW	NE	WNW	NW	NW	WNW	NW	NW	W	WSW	SE	ENE	SW	W	W	E	SE	W
9	ESE	SE	NW	W	ENE	WSW	ENE	ENE	ENE	ENE	WNW	W	WNW	WNW	WNW	W	WNW	W	S	NE	E	ESE	ESE	WNW	WNW
10	NNW	S	ESE	S	WSW	W	ESE	W	WSW	N	NNW	WNW	WNW	WNW	WNW	WNW	W	W	SW	N	SW	ESE	SW	SE	W
11	W	SE	W	SW	W	ENE	N	S	NW	W	W	WSW	W	NNE	NNW	W	W	WSW	SE	WNW	ENE	SW	ESE	S	W
12	WSW	E	S	E	SE	S	NE	NNW	NNE	WSW	NE	WNW	WNW	WNW	WNW	WNW	E	ENE	WNW	WNW	NNW	SE	SSW	WSW	WNW
13	W	WSW	WSW	W	WSW	SW	SSW	SW	SE	SE	SSW	WSW	W	W	W	W	NE	N	S	SE	SE	SE	SSE	WSW	W
14	S	SE	N	SSW	E	SSE	ESE	SW	ESE	ENE	ENE	NE	ENE	NE	NNW	N	WNW	W	SSE	E	SW	W	ENE	NNE	ENE
15	W	WNW	WNW	SW	SW	SSW	SSE	SSE	SSE	SSE	SSW	WSW	W	WNW	WNW	W	WSW	S	SW	SE	SSE	SE	SSE	ESE	SSE
16	SE	SSW	WSW	SSW	SSW	E	SE	SSE	ENE	SW	SSW	WSW	W	WNW	W	WSW	WSW	SW	SW	SW	SSW	SSW	SSW	SSW	SW
17	SW	WSW	SW	SW	SSW	SSW	SW	SSW	SW	SW	WSW	WSW	WNW	WNW	NW	ESE	SW	SW	SSW	S	SSW	SSW	SSW	SSW	SW
18	WSW	SW	SSW	SSW	SSW	SW	W	W	WSW	WSW	SW	SW	SW	SW	W	SW	SW	WSW	SSW	WSW	WSW	SW	SW	SSE	SW
19	SSE	S	SSW	S	S	S	WSW	SW	S	SSW	WSW	SW	SW	WSW	WSW	WSW	WSW	WSW	SW	SW	S	W	W	W	WSW
20	E	ESE	SE	SE	SSW	SSW	SSW	SSW	S	SSW	SSW	WSW	SW	SSW	SSW	WSW	SW	S	SSW	SSW	S	E	E	SSE	SSW
21	SSE	S	S	SSE	SSE	S	SSE	S	S	SSE	SSW	WNW	WNW	W	WSW	SSW	SSE	S	SSW	WSW	WSW	WSW	WSW	W	S
22	W	W	NW	SE	SE	SSW	SSW	W	W	W	W	W	W	W	W	W	W	W	W	W	SSW	SW	SW	SSW	W
23	S	S	SSE	SSE	S	SSE	SSE	SSE	WSW	WSW	WSW	W	WNW	WNW	NNE	NE	SSE	SSE	SSE	ESE	SE	SSE	S	W	SSE
24	W	SW	SE	W	ENE	W	E	ESE	SE	NW	WNW	WNW	WNW	S	NNW	N	ENE	ESE	SW	SSW	WSW	ENE	WSW	S	W
25	SSW	SW	WSW	WSW	WNW	WNW	E	S	E	SE	NW	W	NW	WNW	WNW	WNW	ESE	ESE	W	WSW	WNW	W	W	WSW	WNW
26	E	WSW	W	W	WNW	WSW	NNW	SSE	WNW	N	ENE	W	WNW	W	W	W	SW	SW	SE	WSW	SW	WSW	SW	WSW	WSW
27	SW	SW	SW	W	WNW	W	W	W	W	WNW	WNW	WNW	WNW	WNW	NNW	ENE	NNW	W	NW	SE	SW	SSW	SW	SSW	WNW
28	SW	SE	WNW	WSW	WSW	ESE	WSW	S	W	WNW	WNW	ESE	ENE	NE	NNE	NW	W	W	WSW	SSE	WSW	W	WSW	WSW	W
29	S	E	W	WNW	WSW	WNW	W	WSW	NNW	NW	N	E	ESE	SE	S	SW	SSW	SE	SE	ESE	SE	SE	S	ESE	ESE
30	SE	WNW	WNW	NW	NW	WNW	ENE	WNW	N	NE	NE	WNW	SSE	S	SE	WNW	N	NE	NE	W	S	SW	SE	NW	WNW
31	WNW	WNW	ENE	ESE	SE	SE	WNW	NE	ESE	SW	WNW	W	NNW	N	N	NW	W	W	W	NW	E	[VA]	SW	ESE	WNW
PV	W	SW	W	W	[VA]	SSW	W	S	[VA]	WNW	WNW	W	WNW	WNW	W	W	W	WSW	SSW	WSW	SW	SW	SW	WSW	W

GNOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	43	1	276	317	240	250	274	161	285	295	292	44	90	9	359	298	318	30	13	83	343	37	78	56	14
2	98	116	123	142	263	270	228	293	242	171	134	269	257	257	110	39	76	95	151	168	148	187	171	190	[VA]
3	199	218	197	192	174	176	206	174	208	118	159	219	232	335	357	359	50	55	63	64	97	122	69	73	10
4	53	66	43	48	43	87	89	112	113	67	55	50	36	56	56	47	46	61	70	67	72	98	122	126	4
5	137	134	136	136	119	98	119	146	79	357	241	284	290	301	302	339	58	285	267	255	166	291	80	135	7
6	136	200	101	247	234	65	38	87	282	68	313	297	278	280	295	308	300	279	267	252	82	126	98	0	13
7	33	256	274	73	137	36	110	182	259	263	241	273	305	271	277	296	292	308	264	252	252	153	295	142	13
8	256	267	264	234	199	328	275	107	250	244	329	72	79	281	291	306	38	69	84	81	116	120	129	140	[VA]
9	115	92	166	88	126	256	184	260	74	52	61	44	299	285	289	298	335	305	230	111	89	23	241	321	[VA]
10	79	251	267	225	137	231	194	105	144	128	60	59	298	4	18	1	5	359	32	129	259	252	259	342	1
11	30	116	231	281	77	95	134	139	220	256	272	285	314	32	73	104	127	95	111	142	132	67	351	126	7
12	159	143	185	94	146	37	113	134	53	339	295	302	289	299	304	300	304	272	232	140	99	218	281	179	14
13	26	133	189	261	275	315	288	162	215	285	85	353	304	296	302	309	67	253	143	224	282	273	247	201	14
14	60	51	85	226	287	264	118	216	270	283	289	246	326	62	272	291	285	280	99	124	132	118	74	113	14
15	144	64	271	102	151	138	148	136	68	73	101	355	278	299	285	307	27	125	156	207	217	178	147	161	8
16	159	153	129	212	239	102	258	237	218	245	189	264	265	290	287	84	111	122	149	181	154	219	199	67	12
17	132	156	105	143	88	149	137	102	120	247	286	306	292	311	349	55	49	298	165	64	307	255	262	252	7
18	251	107	146	186	222	246	187	120	253	114	3	49	19	306	314	321	338	300	265	256	173	169	159	147	[VA]
19	147	136	266	140	197	300	138	109	80	232	34	37	317	291	357	55	64	328	282	222	140	287	206	159	7
20	149	128	267	129	282	278	203	149	125	128	283	303	317	306	6	76	328	279	267	264	225	268	133	163	13
21	259	228	355	107	155	119	139	158	56	109	67	321	309	283	317	332	348	300	250	278	228	184	141	136	7
22	83	124	114	176	170	161	196	221	55	278	64	303	322	332	350	329	304	292	185	233	203	198	205	180	10
23	197	186	200	199	191	196	274	264	116	145	205	274	287	269	269	266	268	289	357	316	263	264	333	147	13
24	199	65	132	128	135	146	168	142	128	85	314	311	359	358	21	323	347	32	12	286	271	318	132	171	7
25	138	140	202	176	118	288	115	34	94	295	276	312	54	22	348	301	2	327	282	268	166	142	244	238	14
26	131	158	285	45	139	147	170	138	220	314	53	13	306	302	47	91	157	165	162	182	240	181	153	156	8
27	241	225	286	237	231	174	191	208	222	245	330	295	290	296	284	136	118	128	135	149	156	142	208	300	7
28	113	143	85	97	133	77	146	105	161	286	305	289	307	322	314	290	273	112	127	141	187	195	183	179	7
PV	7	7	13	7	7	[VA]	7	7	11	[VA]	14	14	14	14	14	15	16	14	8	12	8	9	7	8	14

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

FEB, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	NE	N	W	NW	WSW	WSW	W	SSE	WNW	WNW	WNW	NE	E	N	N	WNW	NW	NNE	NNE	E	NNW	NE	ENE	NE	WNW
2	E	ESE	ESE	SE	W	W	SW	WNW	WSW	S	SE	W	WSW	WSW	ESE	NE	ENE	E	SSE	SSE	SSE	S	S	S	[VA]
3	SSW	SW	SSW	SSW	S	S	SSW	S	SSW	ESE	SSE	SW	SW	NNW	N	N	NE	NE	ENE	ENE	E	ESE	ENE	ENE	SSW
4	NE	ENE	NE	NE	NE	E	E	ESE	ESE	ENE	NE	NE	NE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	E	ESE	SE	ENE
5	SE	SE	SE	SE	ESE	E	ESE	SE	E	N	WSW	WNW	WNW	WNW	WNW	NNW	ENE	WNW	W	WSW	SSE	WNW	E	SE	SE
6	SE	SSW	E	WSW	SW	ENE	NE	E	WNW	ENE	NW	WNW	W	W	WNW	NW	WNW	W	W	WSW	E	SE	E	N	W
7	NNE	WSW	W	ENE	SE	NE	ESE	S	W	W	WSW	W	NW	W	W	WNW	WNW	NW	W	WSW	WSW	SSE	WNW	SE	W
8	WSW	W	W	SW	SSW	NNW	W	ESE	WSW	WSW	NNW	ENE	E	W	WNW	NW	NE	ENE	E	E	ESE	ESE	SE	SE	[VA]
9	ESE	E	SSE	E	SE	WSW	S	W	ENE	NE	ENE	NE	WNW	WNW	WNW	WNW	NNW	NW	SW	ESE	E	NNE	WSW	NW	[VA]
10	E	WSW	W	SW	SE	SW	SSW	ESE	SE	SE	ENE	ENE	WNW	N	NNE	N	N	N	NNE	SE	W	WSW	W	NNW	N
11	NNE	ESE	SW	W	ENE	E	SE	SE	SW	WSW	W	WNW	NW	NNE	ENE	ESE	SE	E	ESE	SE	SE	ENE	N	SE	SE
12	SSE	SE	S	E	SE	NE	ESE	SE	NE	NNW	WNW	WNW	WNW	WNW	NW	WNW	NW	W	SW	SE	E	SW	W	S	WNW
13	NNE	SE	S	W	W	NW	WNW	SSE	SW	WNW	E	N	NW	WNW	WNW	NW	ENE	WSW	SE	SW	WNW	W	WSW	SSW	WNW
14	ENE	NE	E	SW	WNW	W	ESE	SW	W	WNW	WNW	WSW	NW	ENE	W	WNW	WNW	W	E	SE	SE	ESE	ENE	ESE	WNW
15	SE	ENE	W	ESE	SSE	SE	SSE	SE	ENE	ENE	E	N	W	WNW	WNW	NW	NNE	SE	SSE	SSW	SW	S	SSE	SSE	SSE
16	SSE	SSE	SE	SSW	WSW	ESE	WSW	WSW	SW	WSW	S	W	W	WNW	WNW	E	ESE	ESE	SSE	S	SSE	SW	SSW	ENE	WSW
17	SE	SSE	ESE	SE	E	SSE	SE	ESE	ESE	WSW	WNW	NW	WNW	NW	N	NE	NE	WNW	SSE	ENE	NW	WSW	W	WSW	SE
18	WSW	ESE	SE	S	SW	WSW	S	ESE	WSW	ESE	N	NE	NNE	NW	NW	NW	NNW	WNW	W	WSW	S	S	SSE	SSE	[VA]
19	SSE	SE	W	SE	SSW	WNW	SE	ESE	E	SW	NE	NE	NW	WNW	N	NE	ENE	NNW	WNW	SW	SE	WNW	SSW	SSE	SE
20	SSE	SE	W	SE	WNW	W	SSW	SSE	SE	SE	WNW	WNW	NW	NW	N	ENE	NNW	W	W	W	SW	W	SE	SSE	W
21	W	SW	N	ESE	SSE	ESE	SE	SSE	NE	ESE	ENE	NW	NW	WNW	NW	NNW	NNW	WNW	WSW	W	SW	S	SE	SE	SE
22	E	SE	ESE	S	S	SSE	SSW	SW	NE	W	ENE	WNW	NW	NNW	N	NNW	NW	WNW	S	SW	SSW	SSW	SSW	S	SSW
23	SSW	S	SSW	SSW	S	SSW	W	W	ESE	SE	SSW	W	WNW	W	W	W	W	WNW	N	NW	W	W	NNW	SSE	W
24	SSW	ENE	SE	SE	SE	SE	SSE	SE	SE	E	NW	NW	N	N	NNE	NW	NNW	NNE	NNE	WNW	W	NW	SE	S	SE
25	SE	SE	SSW	S	ESE	WNW	ESE	NE	E	WNW	W	NW	NE	NNE	NNW	WNW	N	NNW	WNW	W	SSE	SE	WSW	WSW	WNW
26	SE	SSE	WNW	NE	SE	SSE	S	SE	SW	NW	NE	NNE	NW	WNW	NE	E	SSE	SSE	SSE	S	WSW	S	SSE	SSE	SSE
27	WSW	SW	WNW	WSW	SW	S	S	SSW	SW	WSW	NNW	WNW	WNW	WNW	WNW	SE	ESE	SE	SE	SSE	SSE	SE	SSW	WNW	SE
28	ESE	SE	E	E	SE	ENE	SE	ESE	SSE	WNW	NW	WNW	NW	NW	NW	WNW	W	ESE	SE	SE	S	SSW	S	S	SE
PV	SE	SE	W	SE	SE	[VA]	SE	SE	SW	[VA]	WNW	WNW	WNW	WNW	WNW	NW	NNW	WNW	SSE	WSW	SSE	S	SE	SSE	WNW

WNOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	162	191	213	171	168	164	174	188	194	205	218	220	205	185	173	209	204	183	199	213	222	212	199	214	10
2	220	221	196	233	257	238	208	158	215	230	244	242	232	226	256	256	89	326	128	108	64	73	43	58	11
3	12	27	107	132	153	290	284	275	191	74	66	286	59	104	142	146	119	313	7	318	11	28	204	239	2
4	218	233	38	264	129	181	209	161	148	143	159	277	270	271	285	278	279	277	264	252	223	216	119	230	13
5	240	132	333	143	172	296	134	222	4	318	291	64	302	287	321	320	15	112	194	160	251	144	132	155	7
6	243	233	223	176	168	172	95	162	158	123	220	248	270	284	245	262	269	321	320	150	160	193	247	235	11
7	212	179	151	157	148	179	283	239	245	303	320	62	44	310	280	299	289	289	181	229	233	142	188	126	[VA]
8	86	114	71	221	166	192	34	81	94	174	278	282	300	267	278	294	307	259	213	240	233	237	225	223	13
9	232	234	186	203	204	214	231	231	231	245	312	323	289	298	281	262	268	263	252	236	216	198	203	200	11
10	208	207	257	255	227	224	239	137	201	245	253	257	264	261	282	252	252	234	217	246	290	109	243	227	11
11	188	189	191	186	230	119	110	90	315	140	176	179	184	185	179	198	217	192	197	216	220	194	215	215	9
12	204	220	230	277	275	280	276	269	288	298	298	290	299	302	295	299	305	302	321	317	182	125	133	153	14
13	142	81	215	128	149	155	231	271	316	261	267	322	314	310	325	303	300	353	301	259	213	170	182	142	15
14	132	170	155	147	178	141	143	100	111	285	282	284	327	178	169	180	183	174	169	178	175	205	195	199	9
15	177	188	188	272	215	152	156	190	200	216	231	242	248	242	258	234	241	258	252	189	210	211	207	214	12
16	244	185	195	206	187	175	192	143	206	171	171	197	186	181	198	220	205	241	210	247	299	78	121	264	10
17	216	197	208	222	193	225	345	58	37	315	273	241	248	220	246	230	208	185	178	138	137	146	130	149	11
18	133	114	127	154	167	152	128	132	103	177	179	172	170	188	179	197	218	245	247	211	57	75	125	258	9
19	196	207	205	184	204	205	191	200	220	256	268	270	269	252	274	285	276	290	285	273	271	259	248	230	13
20	229	233	235	236	236	242	249	247	263	280	283	285	283	282	328	338	344	304	312	301	295	267	249	283	14
21	273	200	102	157	264	15	139	278	299	299	315	332	293	316	286	290	216	167	144	131	156	211	257	166	14
22	319	155	187	144	158	149	113	129	91	54	315	322	314	315	289	300	292	353	9	117	244	282	271	287	14
23	162	152	156	202	175	250	246	245	269	278	268	272	289	293	297	300	299	317	345	61	140	155	324	123	14
24	101	160	144	89	89	221	240	179	183	272	285	325	293	281	298	307	294	304	296	292	298	287	101	104	14
25	98	108	79	85	144	255	252	278	335	348	311	298	314	303	290	304	317	356	0	289	152	148	161	179	15
26	139	131	174	268	278	102	270	123	117	123	212	76	39	303	6	19	301	274	202	147	110	143	193	181	6
27	143	223	212	169	162	169	202	124	122	61	331	331	311	256	269	259	257	218	174	168	187	180	192	189	9
28	194	193	186	176	195	177	179	198	141	195	207	209	179	201	177	202	206	202	195	224	225	200	181	199	10
29	207	211	230	193	258	262	240	293	309	26	288	148	196	268	258	265	256	263	270	271	253	239	194	225	12
30	185	171	163	182	146	210	240	250	265	264	269	268	268	276	289	287	274	279	272	244	126	151	147	152	13
31	163	148	158	181	111	153	261	273	68	304	212	197	199	218	208	223	221	216	183	184	187	179	171	169	9
PV	10	9	9	9	9	9	12	13	10	13	14	14	14	14	14	14	13	13	10	12	11	10	10	11	10

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	S	SSW	S	SSE	SSE	S	S	SSW	SSW	SW	SW	SSW	S	S	SSW	SSW	S	SSW	SSW	SW	SSW	SSW	SW	SSW
2	SW	SW	SSW	SW	WSW	WSW	SSW	SSE	SW	SW	WSW	WSW	SW	SW	WSW	WSW	E	NW	SE	ESE	ENE	ENE	NE	ENE	SW
3	NNE	NNE	ESE	SE	SSE	WNW	WNW	W	S	ENE	ENE	WNW	ENE	ESE	SE	SE	ESE	NW	N	NW	N	NNE	SSW	WSW	NNE
4	SW	SW	NE	W	SE	S	SSW	SSE	SSE	SE	SSE	W	W	W	WNW	W	W	W	W	WSW	SW	SW	ESE	SW	W
5	WSW	SE	NNW	SE	S	WNW	SE	SW	N	NW	WNW	ENE	WNW	WNW	NW	NW	NNE	ESE	SSW	SSE	WSW	SE	SE	SSE	SE
6	WSW	SW	SW	S	SSE	S	E	SSE	SSE	ESE	SW	WSW	W	WNW	WSW	W	W	NW	NW	SSE	SSE	SSW	WSW	SW	SW
7	SSW	S	SSE	SSE	SSE	S	WNW	WSW	WSW	WNW	NW	ENE	NE	NW	W	WNW	WNW	WNW	S	SW	SW	SE	S	SE	[VA]
8	E	ESE	ENE	SW	SSE	SSW	NE	E	E	S	W	WNW	WNW	W	W	WNW	NW	W	SSW	WSW	SW	WSW	SW	SW	W
9	SW	SW	S	SSW	SSW	SW	SW	SW	SW	WSW	NW	NW	WNW	WNW	W	W	W	W	WSW	SW	SW	SSW	SSW	SSW	SW
10	SSW	SSW	WSW	WSW	SW	SW	WSW	SE	SSW	WSW	WSW	WSW	W	W	WNW	WSW	WSW	SW	SW	WSW	WNW	ESE	WSW	SW	SW
11	S	S	S	S	SW	ESE	ESE	E	NW	SE	S	S	S	S	S	SSW	SW	SSW	SSW	SW	SW	SSW	SW	SW	S
12	SSW	SW	SW	W	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	NW	NW	S	SE	SE	SSE	WNW
13	SE	E	SW	SE	SSE	SSE	SW	W	NW	W	W	NW	NW	NW	NW	WNW	WNW	N	WNW	W	SSW	S	S	SE	NW
14	SE	S	SSE	SSE	S	SE	SE	E	ESE	WNW	WNW	WNW	NNW	S	S	S	S	S	S	S	S	SSW	SSW	SSW	S
15	S	S	S	W	SW	SSE	SSE	S	SSW	SW	SW	WSW	WSW	WSW	WSW	SW	WSW	WSW	WSW	S	SSW	SSW	SSW	SW	WSW
16	WSW	S	SSW	SSW	S	S	SSW	SE	SSW	S	S	SSW	S	S	SSW	SW	SSW	WSW	SSW	WSW	WNW	ENE	ESE	W	SSW
17	SW	SSW	SSW	SW	SSW	SW	NNW	ENE	NE	NW	W	WSW	WSW	SW	WSW	SW	SSW	S	S	SE	SE	SE	SE	SSE	SW
18	SE	ESE	SE	SSE	SSE	SSE	SE	SE	ESE	S	S	S	S	S	S	SSW	SW	WSW	WSW	SSW	ENE	ENE	SE	WSW	S
19	SSW	SSW	SSW	S	SSW	SSW	S	SSW	SW	WSW	W	W	W	WSW	W	WNW	W	WNW	WNW	W	W	W	WSW	SW	W
20	SW	SW	SW	SW	SW	WSW	WSW	WSW	W	W	WNW	WNW	WNW	WNW	NNW	NNW	NNW	NW	NW	WNW	WNW	W	WSW	WNW	WNW
21	W	SSW	ESE	SSE	W	NNE	SE	W	WNW	WNW	NW	NNW	WNW	NW	WNW	WNW	SW	SSE	SE	SE	SSE	SSW	WSW	SSE	WNW
22	NW	SSE	S	SE	SSE	SSE	ESE	SE	E	NE	NW	NW	NW	NW	WNW	WNW	WNW	N	N	ESE	WSW	WNW	W	WNW	WNW
23	SSE	SSE	SSE	SSW	S	WSW	WSW	WSW	W	W	W	W	WNW	WNW	WNW	WNW	WNW	NW	NNW	ENE	SE	SSE	NW	ESE	WNW
24	E	SSE	SE	E	E	SW	WSW	S	S	W	WNW	NW	WNW	W	WNW	NW	WNW	NW	WNW	WNW	WNW	WNW	E	ESE	WNW
25	E	ESE	E	E	SE	WSW	WSW	W	NNW	NNW	NW	WNW	NW	WNW	WNW	NW	NW	N	N	WNW	SSE	SSE	SSE	S	NW
26	SE	SE	S	W	W	ESE	W	ESE	ESE	ESE	SSW	ENE	NE	WNW	N	NNE	WNW	W	SSW	SSE	ESE	SE	SSW	S	ESE
27	SE	SW	SSW	S	SSE	S	SSW	SE	ESE	ENE	NNW	NNW	NW	WSW	W	W	WSW	SW	S	SSE	S	S	SSW	S	S
28	SSW	SSW	S	S	SSW	S	S	SSW	SE	SSW	SSW	SSW	S	SSW	S	SSW	SSW	SSW	SSW	SW	SW	SSW	S	SSW	SSW
29	SSW	SSW	SW	SSW	WSW	W	WSW	WNW	NW	NNE	WNW	SSE	SSW	W	WSW	W	WSW	W	W	W	WSW	WSW	SSW	SW	WSW
30	S	S	SSE	S	SE	SSW	WSW	WSW	W	W	W	W	W	W	WNW	WNW	W	W	W	WSW	SE	SSE	SSE	SSE	W
31	SSE	SSE	SSE	S	ESE	SSE	W	W	ENE	NW	SSW	SSW	SSW	SW	SSW	SW	SW	SW	S	S	S	S	S	S	S
PV	SSW	S	S	S	S	S	WSW	W	SSW	W	WNW	WNW	WNW	WNW	WNW	WNW	W	W	SSW	WSW	SW	SSW	SSW	SW	SSW

WHOUT -- 00004 (811027.1411)

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

APR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	166	171	165	186	187	188	204	206	173	192	179	198	217	191	197	228	205	219	222	226	244	258	239	244	10
2	258	270	260	250	254	263	272	269	271	266	263	276	270	270	270	269	270	266	251	287	274	121	141	149	13
3	173	171	205	205	208	209	191	201	234	299	291	294	291	280	219	262	261	266	238	172	183	199	205	201	10
4	199	200	205	203	208	247	213	238	215	238	249	255	258	264	270	294	289	289	287	283	274	278	279	280	12
5	287	226	262	193	219	128	140	139	130	284	10	299	318	284	302	318	16	28	59	90	257	221	234	150	14
6	195	243	228	145	159	251	260	38	310	322	292	[MT]	302	263	237	242	217	221	213	263	240	278	319	300	12
7	230	250	212	268	270	292	285	352	55	336	324	274	15	47	355	352	60	150	60	109	162	267	273	206	13
8	235	183	240	257	142	150	109	121	313	294	271	288	279	290	294	285	271	270	287	278	290	281	287	281	13
9	277	266	228	155	176	148	157	138	240	267	265	288	302	304	294	292	295	358	39	69	100	102	107	148	14
10	155	171	190	160	147	120	116	145	295	297	316	298	349	30	348	315	292	295	252	209	197	201	195	165	[VA]
11	187	204	232	235	231	209	200	200	223	265	257	306	315	220	210	165	240	218	224	330	156	197	232	229	11
12	231	245	244	282	269	183	152	123	42	353	331	317	324	306	309	305	303	308	324	309	117	254	157	153	15
13	166	148	264	152	137	153	143	249	32	315	294	318	7	339	321	267	262	248	232	185	165	182	180	172	8
14	167	175	201	206	177	179	195	253	247	254	282	294	270	272	259	266	263	271	320	233	120	138	141	173	13
15	193	200	198	250	239	83	252	267	290	288	277	305	290	303	299	304	301	297	305	299	299	311	303	74	14
16	70	65	81	78	75	84	97	68	55	34	78	25	348	305	335	302	305	332	9	332	104	145	139	145	4
17	190	183	75	98	122	57	124	79	312	287	304	278	324	298	315	304	301	294	275	234	228	246	240	239	14
18	177	135	91	30	198	127	75	39	292	311	302	288	281	288	307	293	297	296	286	299	297	295	305	342	14
19	332	300	288	273	267	257	257	291	13	318	287	314	333	4	27	20	17	17	4	51	60	57	60	63	2
20	64	70	48	54	41	36	47	58	53	57	53	43	16	11	349	345	15	9	93	50	41	56	43	87	3
21	107	114	106	84	289	262	254	315	44	51	55	50	52	66	58	53	50	56	67	86	99	89	95	305	[VA]
22	51	93	177	101	250	64	73	14	335	295	291	317	300	310	306	326	336	322	303	280	262	177	192	167	15
23	190	307	240	238	207	173	167	158	194	193	226	108	86	103	114	168	213	210	207	208	173	166	154	144	10
24	157	166	189	199	235	197	119	273	264	259	270	316	289	338	9	318	278	295	280	273	269	274	260	243	13
25	232	142	131	138	121	140	131	288	299	357	283	301	306	274	279	278	269	289	227	263	303	259	206	232	14
26	242	101	171	137	186	132	123	130	118	257	289	276	246	287	311	275	49	107	49	38	106	117	225	135	6
27	229	210	47	269	243	202	208	169	264	311	[MT]	[MT]	[MT]	305	315	288	317	30	53	92	153	81	57	134	[VA]
28	198	149	126	227	79	94	29	9	355	314	311	296	283	281	284	303	57	48	163	166	165	171	165	167	8
29	167	169	170	288	279	285	284	263	200	249	301	36	45	64	54	53	61	60	63	88	113	97	117	88	4
30	119	113	89	87	120	106	250	298	292	31	331	328	295	293	287	354	299	288	0	37	72	121	135	135	6
PV	9	9	10	10	10	9	6	13	14	14	14	14	14	14	14	14	14	14	11	13	[VA]	13	7	8	14

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

APR, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	S	SSE	S	S	S	SSW	SSW	S	SSW	S	SSW	SW	S	SSW	SW	SSW	SW	SW	SW	WSW	WSW	WSW	WSW	SSW
2	WSW	W	W	WSW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	W	WSW	WNW	W	ESE	SE	SSE	W
3	S	S	SSW	SSW	SSW	SSW	S	SSW	SW	WNW	WNW	WNW	WNW	W	SW	W	W	W	WSW	S	S	SSW	SSW	SSW	SSW
4	SSW	SSW	SSW	SSW	SSW	WSW	SSW	WSW	SW	WSW	WSW	WSW	WSW	W	W	WNW	WNW	WNW	WNW	WNW	W	W	W	W	WSW
5	WNW	SW	W	SSW	SW	SE	SE	SE	SE	WNW	N	WNW	NW	WNW	WNW	NW	NNE	NNE	ENE	E	WSW	SW	SW	SSE	WNW
6	SSW	WSW	SW	SE	SSE	WSW	W	NE	NW	NW	WNW	[MT]	WNW	W	WSW	WSW	SW	SW	SSW	W	WSW	W	NW	WNW	WSW
7	SW	WSW	SSW	W	W	WNW	WNW	N	NE	NNW	NW	W	NNE	NE	N	N	ENE	SSE	ENE	ESE	SSE	W	W	SSW	W
8	SW	S	WSW	WSW	SE	SSE	ESE	ESE	NW	WNW	W	WNW	W	WNW	WNW	WNW	W	W	WNW	W	WNW	W	WNW	W	W
9	W	W	SW	SSE	S	SSE	SSE	SE	WSW	W	W	WNW	WNW	NW	WNW	WNW	WNW	N	NE	ENE	E	ESE	ESE	SSE	WNW
10	SSE	S	S	SSE	SSE	ESE	ESE	SE	WNW	WNW	NW	WNW	N	NNE	NNW	NW	WNW	WNW	WSW	SSW	SSW	SSW	SSW	SSE	[VA]
11	S	SSW	SW	SW	SW	SSW	SSW	SSW	SW	W	WSW	NW	NW	SW	SSW	SSE	WSW	SW	SW	NNW	SSE	SSW	SW	SW	SW
12	SW	WSW	WSW	WNW	W	S	SSE	ESE	NE	.N	NNW	NW	NW	NW	NW	NW	WNW	NW	NW	NW	ESE	WSW	SSE	SSE	NW
13	SSE	SSE	W	SSE	SE	SSE	SE	WSW	NNE	NW	WNW	NW	N	NNW	NW	W	W	WSW	SW	S	SSE	S	S	S	SSE
14	SSE	S	SSW	SSW	S	S	SSW	WSW	WSW	WSW	WNW	WNW	W	W	W	W	W	W	NW	SW	ESE	SE	SE	S	W
15	SSW	SSW	SSW	WSW	WSW	E	WSW	W	WNW	WNW	W	NW	WNW	WNW	WNW	NW	WNW	WNW	NW	WNW	WNW	NW	WNW	ENE	WNW
16	ENE	ENE	E	ENE	ENE	E	E	ENE	NE	NE	ENE	NNE	NNW	NW	NNW	WNW	NW	NNW	N	NNW	ESE	SE	SE	SE	ENE
17	S	S	ENE	E	ESE	ENE	SE	E	NW	WNW	NW	W	NW	WNW	NW	NW	WNW	WNW	W	SW	SW	WSW	WSW	WSW	WNW
18	S	SE	E	NNE	SSW	SE	ENE	NE	WNW	NW	WNW	WNW	W	WNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NNW	WNW
19	NNW	WNW	WNW	W	W	WSW	WSW	WNW	NNE	NW	WNW	NW	NNW	N	NNE	NNE	NNE	NNE	N	NE	ENE	ENE	ENE	ENE	NNE
20	ENE	ENE	NE	NE	NE	NE	NE	ENE	NE	ENE	NE	NE	NNE	N	N	NNW	NNE	N	E	NE	NE	NE	NE	E	NE
21	ESE	ESE	ESE	E	WNW	W	WSW	NW	NE	NE	NE	NE	NE	ENE	ENE	NE	NE	NE	ENE	E	E	E	E	NW	[VA]
22	NE	E	S	E	WSW	ENE	ENE	NNE	NNW	WNW	WNW	NW	WNW	NW	NW	NW	NNW	NW	WNW	W	W	S	SSW	SSE	NW
23	S	NW	WSW	WSW	SSW	S	SSE	SSE	SSW	SSW	SW	ESE	E	ESE	ESE	SSE	SSW	SSW	SSW	SSW	S	SSE	SSE	SE	SSW
24	SSE	SSE	S	SSW	SW	SSW	ESE	W	W	W	W	NW	WNW	NNW	N	NW	W	WNW	W	W	W	W	W	WSW	W
25	SW	SE	SE	SE	ESE	SE	SE	WNW	WNW	N	WNW	WNW	NW	W	W	W	W	WNW	SW	W	WNW	W	SSW	SW	WNW
26	WSW	E	S	SE	S	SE	ESE	SE	ESE	WSW	WNW	W	WSW	WNW	NW	W	NE	ESE	NE	NE	ESE	ESE	SW	SE	ESE
27	SW	SSW	NE	W	WSW	SSW	SSW	S	W	NW	[MT]	[MT]	[MT]	NW	NW	WNW	NW	NNE	NE	E	SSE	E	ENE	SE	[VA]
28	SSW	SSE	SE	SW	E	E	NNE	N	N	NW	NW	WNW	WNW	W	WNW	WNW	ENE	NE	SSE	SSE	SSE	S	SSE	SSE	SSE
29	SSE	S	S	WNW	W	WNW	WNW	W	SSW	WSW	WNW	NE	NE	ENE	NE	NE	ENE	ENE	ENE	E	ESE	E	ESE	E	ENE
30	ESE	ESE	E	E	ESE	ESE	WSW	WNW	WNW	NNE	NNW	NNW	WNW	WNW	WNW	N	WNW	WNW	N	NE	ENE	ESE	SE	SE	ESE
PV	S	S	SSW	SSW	SSW	S	ESE	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	SW	W	[VA]	W	SE	SSE	WNW

GHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	128	259	212	215	130	181	173	275	290	240	258	277	247	197	111	39	63	308	160	150	85	120	135	150	7
2	140	115	155	150	145	150	155	260	40	325	310	0	275	307	348	302	103	182	187	138	159	152	240	242	8
3	225	203	160	173	173	137	210	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	9
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	305	135	141	151	270	283	277	279	320	277	276	252	13
5	225	267	288	63	95	99	83	70	70	49	32	332	324	324	317	339	339	320	321	20	132	219	235	198	15
6	230	176	145	139	157	143	130	149	295	290	285	287	280	276	309	309	306	320	228	286	278	276	264	259	14
7	257	183	147	29	144	132	130	183	258	257	276	281	301	238	233	297	264	111	116	152	151	215	192	194	12
8	252	214	184	235	245	244	183	108	77	271	301	324	239	212	231	227	223	236	244	240	196	169	185	186	11
9	210	236	226	164	189	196	203	184	196	195	201	230	181	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	250	264	146	181	231	10
10	214	163	157	138	233	144	132	121	148	205	[PF]	[PF]	250	225	320	315	300	300	305	310	315	290	285	260	14
11	260	150	145	145	120	140	310	310	315	300	300	295	305	300	305	293	283	75	65	22	136	43	129	112	14
12	116	72	104	296	264	266	280	284	273	274	63	70	355	316	103	70	90	79	71	15	76	119	105	341	4
13	340	323	294	290	327	326	288	320	336	343	29	10	48	51	53	70	73	63	76	74	69	123	254	126	4
14	202	215	127	137	149	144	287	311	302	313	58	60	7	20	293	22	52	38	76	85	130	119	111	137	7
15	129	123	135	168	195	86	94	268	307	305	30	10	273	43	44	33	18	257	236	233	151	136	138	118	7
16	200	169	139	227	343	134	153	77	65	22	15	318	288	324	51	6	340	330	296	285	70	86	119	171	[VA]
17	125	152	153	229	161	115	238	315	21	313	342	296	297	323	274	275	107	84	76	123	144	163	171	167	8
18	146	151	210	152	182	129	130	101	124	181	178	207	217	204	175	213	209	171	231	325	325	329	107	145	9
19	170	226	258	125	137	153	198	147	106	109	159	173	180	259	259	255	348	7	9	354	79	248	267	252	12
20	179	181	150	153	98	207	136	274	294	320	269	291	325	282	337	195	75	74	88	90	130	134	149	130	7
21	144	188	207	176	169	87	345	337	313	37	330	309	350	314	342	356	348	19	51	89	143	131	132	129	16
22	193	229	105	242	241	109	87	66	0	309	299	329	323	279	121	185	272	312	296	290	232	235	229	237	11
23	222	186	185	146	215	257	75	246	349	60	52	44	337	317	266	352	321	321	43	27	136	125	217	275	3
24	75	39	151	198	128	149	109	64	59	63	30	45	54	354	58	61	69	56	68	73	73	76	71	92	4
25	102	113	87	160	237	11	274	287	316	321	286	278	19	28	271	303	327	313	307	287	287	284	278	286	14
26	67	143	135	135	140	141	124	318	41	340	308	298	309	356	356	283	262	257	240	223	187	177	165	170	7
27	182	246	203	175	223	203	182	192	211	198	213	226	144	200	66	224	221	243	229	177	167	168	167	167	10
28	157	174	251	293	290	286	288	292	298	268	286	295	291	290	284	297	298	301	315	301	298	307	126	194	14
29	147	95	325	78	268	121	299	310	303	332	314	330	308	305	337	357	241	254	286	355	79	90	261	265	15
30	18	51	82	80	79	69	62	48	48	53	320	294	294	28	62	345	293	302	28	350	260	215	128	198	3
31	152	144	145	143	147	224	312	304	298	298	311	279	289	31	48	31	40	41	54	78	104	134	138	126	7
PV	[VA]	9	7	8	8	7	7	15	14	15	14	14	14	15	3	[VA]	[VA]	15	4	14	7	7	7	7	14

GNOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	W	SSW	SW	SE	S	S	W	WNW	WSW	WSW	W	WSW	SSW	ESE	NE	ENE	NW	SSE	SSE	E	ESE	SE	SSE	SE
2	SE	ESE	SSE	SSE	SE	SSE	SSE	W	NE	NW	NW	N	W	NW	NNW	WNW	ESE	S	S	SE	SSE	SSE	WSW	WSW	SSE
3	SW	SSW	SSE	S	S	SE	SSW	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	S
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	NW	SE	SE	SSE	W	WNW	W	W	NW	W	W	WSW	W
5	SW	W	WNW	E	E	E	E	ENE	ENE	NE	NNE	NNW	NW	NW	NW	NNW	NNW	NW	NW	NNE	SE	SW	SW	SSW	NW
6	SW	S	SE	SE	SSE	SE	SE	SSE	WNW	WNW	WNW	WNW	W	W	NW	NW	NW	NW	SW	WNW	W	W	W	W	WNW
7	WSW	S	SSE	NNE	SE	SE	SE	S	WSW	WSW	W	W	WNW	WSW	SW	WNW	W	ESE	ESE	SSE	SSE	SW	SSW	SSW	WSW
8	WSW	SW	S	SW	WSW	WSW	S	ESE	ENE	W	WNW	NW	WSW	SSW	SW	SW	SW	SW	WSW	WSW	SSW	S	S	S	SW
9	SSW	SW	SW	SSE	S	SSW	SSW	S	SSW	SSW	SSW	SW	S	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	WSW	W	SE	S	SW	SSW
10	SW	SSE	SSE	SE	SW	SE	SE	ESE	SSE	SSW	[PF]	[PF]	WSW	SW	NW	NW	WNW	WNW	NW	NW	NW	WNW	WNW	W	WNW
11	W	SSE	SE	SE	ESE	SE	NW	NW	NW	WNW	WNW	WNW	NW	WNW	NW	WNW	WNW	ENE	ENE	NNE	SE	NE	SE	ESE	WNW
12	ESE	ENE	ESE	WNW	W	W	W	WNW	W	W	ENE	ENE	N	NW	ESE	ENE	E	E	ENE	NNE	ENE	ESE	ESE	NNW	ENE
13	NNW	NW	WNW	WNW	NNW	NW	WNW	NW	NNW	NNW	NNE	N	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ESE	WSW	SE	ENE
14	SSW	SW	SE	SE	SSE	SE	WNW	NW	WNW	NW	ENE	ENE	N	NNE	WNW	NNE	NE	NE	ENE	E	SE	ESE	ESE	SE	SE
15	SE	ESE	SE	SSE	SSW	E	E	W	NW	NW	NNE	N	W	NE	NE	NNE	NNE	WSW	SW	SW	SSE	SE	SE	ESE	SE
16	SSW	S	SE	SW	NNW	SE	SSE	ENE	ENE	NNE	NNE	NW	WNW	NW	NE	N	NNW	NNW	WNW	WNW	ENE	E	ESE	S	[VA]
17	SE	SSE	SSE	SW	SSE	ESE	WSW	NW	NNE	NW	NNW	WNW	WNW	NW	W	W	ESE	E	ENE	ESE	SE	SSE	S	SSE	SSE
18	SE	SSE	SSW	SSE	S	SE	SE	E	SE	S	S	SSW	SW	SSW	S	SSW	SSW	S	SW	NW	NW	NNW	ESE	SE	S
19	S	SW	WSW	SE	SE	SSE	SSW	SSE	ESE	ESE	SSE	S	S	W	W	WSW	NNW	N	N	N	E	WSW	W	WSW	WSW
20	S	S	SSE	SSE	E	SSW	SE	W	WNW	NW	W	WNW	NW	WNW	NNW	SSW	ENE	ENE	E	E	SE	SE	SSE	SE	SE
21	SE	S	SSW	S	S	E	NNW	NNW	NW	NE	NNW	NW	N	NW	NNW	N	NNW	NNE	NE	E	SE	SE	SE	SE	NNW
22	SSW	SW	ESE	WSW	WSW	ESE	E	ENE	N	NW	WNW	NNW	NW	W	ESE	S	W	NW	WNW	WNW	SW	SW	SW	WSW	SW
23	SW	S	S	SE	SW	WSW	ENE	WSW	N	ENE	NE	NE	NNW	NW	W	N	NW	NW	NE	NNE	SE	SE	SW	W	NE
24	ENE	NE	SSE	SSW	SE	SSE	ESE	ENE	ENE	ENE	NNE	NE	NE	N	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	E	ENE
25	ESE	ESE	E	SSE	WSW	N	W	WNW	NW	NW	WNW	W	NNE	NNE	W	WNW	NNW	NW	NW	WNW	WNW	WNW	W	WNW	WNW
26	ENE	SE	SE	SE	SE	SE	SE	NW	NE	NNW	NW	WNW	NW	N	N	WNW	W	WSW	WSW	SW	S	S	SSE	S	SE
27	S	WSW	SSW	S	SW	SSW	S	SSW	SSW	SSW	SSW	SW	SE	SSW	ENE	SW	SW	WSW	SW	S	SSE	SSE	SSE	SSE	SSW
28	SSE	S	WSW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	NW	SE	SSW	WNW
29	SSE	E	NW	ENE	W	ESE	WNW	NW	WNW	NNW	NW	NNW	NW	NW	NNW	N	WSW	WSW	WNW	N	E	E	W	W	NW
30	NNE	NE	E	E	E	ENE	ENE	NE	NE	NE	NW	WNW	WNW	NNE	ENE	NNW	WNW	WNW	NNE	N	W	SW	SE	SSW	NE
31	SSE	SE	SE	SE	SSE	SW	NW	NW	WNW	WNW	NW	W	WNW	NNE	NE	NNE	NE	NE	NE	ENE	ESE	SE	SE	SE	SE
PV	[VA]	S	SE	SSE	SSE	SE	SE	NW	WNW	NW	WNW	WNW	WNW	NW	NE	[VA]	[VA]	NW	ENE	WNW	SE	SE	SE	SE	WNW

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	121	128	262	234	262	136	332	317	21	309	300	301	264	270	293	299	297	297	294	294	286	277	253	224	14
2	213	207	242	226	90	89	136	133	255	238	279	290	309	297	302	296	302	297	246	313	269	256	181	87	14
3	184	169	234	246	201	145	278	302	54	330	277	277	295	293	282	307	329	302	313	76	113	356	139	189	14
4	131	141	141	165	219	127	177	175	201	193	180	196	210	230	239	244	243	254	256	261	277	290	266	269	12
5	114	95	101	124	140	169	168	319	189	189	175	197	210	191	220	227	240	251	289	292	287	278	251	283	9
6	265	277	254	209	161	151	150	256	286	303	291	331	297	300	269	266	261	269	262	254	227	138	151	142	13
7	138	150	263	261	222	76	291	78	9	322	291	202	206	226	241	234	239	246	239	215	191	180	211	224	11
8	232	237	239	236	251	256	286	281	285	287	290	294	290	295	300	302	300	294	298	298	310	34	70	64	14
9	68	75	61	79	63	90	75	51	353	38	66	77	317	295	325	321	304	311	325	34	118	149	138	161	4
10	135	336	152	152	146	131	128	77	51	296	318	351	326	319	4	61	323	314	336	304	263	288	213	294	15
11	137	96	312	247	243	118	124	261	279	303	274	314	295	302	286	287	312	305	313	347	99	139	173	140	14
12	33	178	162	179	215	156	143	63	27	323	339	42	15	231	216	191	230	202	229	227	249	232	146	152	11
13	153	164	175	94	127	239	290	11	234	222	232	202	204	205	184	206	194	203	186	209	210	228	196	218	10
14	222	245	158	200	107	179	162	218	346	307	289	317	289	211	208	226	288	283	352	64	102	168	152	257	14
15	94	81	111	142	104	182	250	287	40	34	15	356	344	12	35	9	15	27	58	45	77	121	129	148	2
16	151	160	171	75	242	49	92	352	330	314	301	302	317	306	292	309	288	262	274	260	245	307	1	75	14
17	105	92	115	257	230	101	275	284	293	349	312	332	296	327	318	340	326	328	304	319	290	47	53	63	15
18	83	68	73	82	90	73	68	76	56	60	50	50	46	43	61	50	62	68	62	66	66	75	92	94	4
19	89	75	129	219	102	114	118	12	292	306	42	22	345	303	251	238	247	229	172	173	176	184	97	180	6
20	151	147	198	114	74	143	132	77	10	322	316	323	337	301	173	174	171	263	261	272	262	242	218	261	13
21	80	149	154	162	145	130	258	289	266	88	105	337	220	189	194	228	287	255	191	136	169	177	150	188	8
22	195	151	142	150	125	138	220	312	272	295	282	283	297	290	271	266	3	281	275	198	128	159	146	149	13
23	126	171	182	255	97	204	52	327	313	26	326	293	75	144	202	263	296	294	63	103	215	230	251	119	14
24	195	161	143	144	213	121	253	273	305	307	4	275	308	317	329	293	282	350	345	2	70	137	148	149	15
25	153	262	244	147	218	129	148	257	305	320	358	56	12	320	97	110	23	88	95	120	137	127	141	140	7
26	103	133	204	92	155	222	102	62	29	314	2	350	293	296	323	307	349	356	356	40	103	124	148	131	6
27	131	158	249	235	31	81	104	329	313	312	21	295	294	313	288	328	324	102	84	239	239	175	157	159	15
28	142	134	186	273	249	217	116	221	27	49	212	205	195	204	192	197	216	213	227	229	193	162	157	165	10
29	140	139	129	139	145	152	171	180	177	209	205	204	204	190	170	182	207	212	227	212	206	167	149	149	9
30	155	138	117	180	210	197	202	145	155	129	108	132	186	148	239	242	42	43	26	76	109	115	127	109	7
PV	7	8	7	[VA]	11	7	7	14	2	15	14	14	14	14	14	14	14	14	13	4	13	8	8	8	14

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	ESE	SE	W	SW	W	SE	NNW	NW	NNE	NW	WNW	WNW	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WSW	SW	WNW
2	SSW	SSW	WSW	SW	E	E	SE	SE	WSW	WSW	W	WNW	NW	WNW	WNW	WNW	WNW	WNW	WSW	NW	W	WSW	S	E	WNW
3	S	S	SW	WSW	SSW	SE	W	WNW	NE	NNW	W	W	NW	WNW	WNW	NW	NNW	WNW	NW	ENE	ESE	N	SE	S	WNW
4	SE	SE	SE	SSE	SW	SE	S	S	SSW	SSW	S	SSW	SSW	SW	WSW	WSW	WSW	WSW	WSW	W	W	WNW	W	W	WSW
5	ESE	E	E	SE	SE	S	SSE	NW	S	S	S	SSW	SSW	S	SW	SW	WSW	WSW	WNW	WNW	WNW	W	WSW	WNW	S
6	W	W	WSW	SSW	SSE	SSE	SSE	WSW	WNW	WNW	WNW	NNW	WNW	WNW	W	W	W	W	W	WSW	SW	SE	SSE	SE	W
7	SE	SSE	W	W	SW	ENE	WNW	ENE	N	NW	WNW	SSW	SSW	SW	WSW	SW	WSW	WSW	WSW	SW	S	S	SSW	SW	SW
8	SW	WSW	WSW	SW	WSW	WSW	WNW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NE	ENE	ENE	WNW
9	ENE	ENE	ENE	E	ENE	E	ENE	NE	N	NE	ENE	ENE	NW	WNW	NW	NW	NW	NW	NW	NE	ESE	SSE	SE	SSE	ENE
10	SE	NNW	SSE	SSE	SE	SE	SE	ENE	NE	WNW	NW	N	NW	NW	N	ENE	NW	NW	NNW	NW	W	WNW	SSW	WNW	NW
11	SE	E	NW	WSW	WSW	ESE	SE	W	W	WNW	W	NW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	E	SE	S	SE	WNW
12	NNE	S	SSE	S	SW	SSE	SE	ENE	NNE	NW	NNW	NE	NNE	SW	SW	S	SW	SSW	SW	SW	WSW	SW	SE	SSE	SW
13	SSE	SSE	S	E	SE	WSW	WNW	N	SW	SW	SW	SSW	SSW	SSW	S	SSW	SSW	SSW	S	SSW	SSW	SW	SSW	SW	SSW
14	SW	WSW	SSE	SSW	ESE	S	SSE	SW	NNW	NW	WNW	NW	WNW	SSW	SSW	SW	WNW	WNW	N	ENE	ESE	SSE	SSE	WSW	WNW
15	E	E	ESE	SE	ESE	S	WSW	WNW	NE	NE	NNE	N	NNW	NNE	NE	N	NNE	NNE	ENE	NE	ENE	ESE	SE	SSE	NNE
16	SSE	SSE	S	ENE	WSW	NE	E	N	NNW	NW	WNW	WNW	NW	NW	WNW	NW	WNW	W	W	W	WSW	NW	N	ENE	WNW
17	ESE	E	ESE	WSW	SW	E	W	WNW	WNW	N	NW	NNW	WNW	NNW	NW	NNW	NW	NNW	NW	NW	WNW	NE	NE	ENE	NW
18	E	ENE	ENE	E	E	ENE	ENE	ENE	NE	ENE	NE	NE	NE	NE	ENE	NE	ENE	ENE	ENE	ENE	ENE	ENE	E	E	ENE
19	E	ENE	SE	SW	ESE	ESE	ESE	NNE	WNW	NW	NE	NNE	NNW	WNW	WSW	WSW	WSW	SW	S	S	S	S	E	S	ESE
20	SSE	SSE	SSW	ESE	ENE	SE	SE	ENE	N	NW	NW	NW	NNW	WNW	S	S	S	W	W	W	W	WSW	SW	W	W
21	E	SSE	SSE	SSE	SE	SE	WSW	WNW	W	E	ESE	NNW	SW	S	SSW	SW	WNW	WSW	S	SE	S	S	SSE	S	SSE
22	SSW	SSE	SE	SSE	SE	SE	SW	NW	W	WNW	WNW	WNW	WNW	WNW	W	W	N	W	W	SSW	SE	SSE	SE	SSE	W
23	SE	S	S	WSW	E	SSW	NE	NNW	NW	NNE	NW	WNW	ENE	SE	SSW	W	WNW	WNW	ENE	ESE	SW	SW	WSW	ESE	WNW
24	SSW	SSE	SE	SE	SSW	ESE	WSW	W	NW	NW	N	W	NW	NW	NNW	WNW	WNW	N	NNW	N	ENE	SE	SSE	SSE	NW
25	SSE	W	WSW	SSE	SW	SE	SSE	WSW	NW	NW	N	NE	NNE	NW	E	ESE	NNE	E	E	ESE	SE	SE	SE	SE	SE
26	ESE	SE	SSW	E	SSE	SW	ESE	E	NNE	NW	N	N	WNW	WNW	NW	NW	N	N	N	NE	ESE	SE	SSE	SE	ESE
27	SE	SSE	WSW	SW	NNE	E	ESE	NNW	NW	NW	NNE	WNW	WNW	NW	WNW	NNW	NW	ESE	E	WSW	WSW	S	SSE	SSE	NW
28	SE	SE	S	W	WSW	SW	ESE	SW	NNE	NE	SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SW	SW	SSW	SSE	SSE	SSE	SSW
29	SE	SE	SE	SE	SE	SSE	S	S	S	SSW	SSW	SSW	SSW	S	S	S	SSW	SSW	SW	SSW	SSW	SSE	SSE	SSE	S
30	SSE	SE	ESE	S	SSW	SSW	SSW	SE	SSE	SE	ESE	SE	S	SSE	WSW	WSW	NE	NE	NNE	ENE	ESE	ESE	SE	ESE	SE
PV	SE	SSE	SE [VA]		SW	SE	SE	WNW	NNE	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	ENE	W	SSE	SSE	SSE	WNW

WNOUT -- OU004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	108	96	102	102	106	111	124	192	195	201	193	208	211	210	233	237	243	247	245	245	237	259	293	242	12
2	214	148	143	144	116	76	15	78	325	325	327	288	295	291	248	254	263	268	252	259	225	184	165	165	12
3	186	241	107	59	264	108	285	324	44	324	313	293	313	228	173	191	189	210	218	210	216	189	186	201	9
4	199	175	181	197	173	293	317	88	221	202	202	185	188	201	207	201	239	215	236	277	291	343	283	268	10
5	160	153	222	233	271	213	290	277	295	283	300	287	285	303	302	302	284	297	255	105	113	112	139	129	14
6	119	108	169	140	89	151	114	64	320	314	310	316	300	282	326	298	50	74	42	70	150	141	128	140	7
7	193	113	235	264	170	113	125	277	315	310	312	310	317	0	19	100	193	144	171	169	169	145	153	232	9
8	283	279	259	213	206	203	144	135	98	66	311	289	290	2	98	114	140	229	251	153	145	160	206	197	7
9	177	152	136	157	239	131	117	267	312	262	291	295	288	278	286	279	275	289	295	305	344	286	280	232	14
10	199	130	154	222	162	253	132	296	315	301	317	323	320	278	256	270	13	11	18	32	80	121	177	144	15
11	152	293	228	113	121	302	204	148	124	340	32	6	357	327	218	9	350	277	140	130	137	154	156	213	7
12	128	213	140	163	121	301	70	10	324	336	47	1	292	305	300	291	333	325	308	111	156	142	132	141	7
13	200	313	127	210	168	170	70	147	334	38	335	352	8	197	118	24	34	45	43	85	117	127	82	118	6
14	140	139	218	216	235	202	354	297	332	309	297	301	296	298	319	301	352	330	296	302	273	244	226	137	14
15	146	145	147	273	161	146	52	96	295	320	320	306	260	235	251	254	240	245	229	213	188	169	182	236	12
16	208	233	208	198	177	160	205	236	278	254	253	232	235	249	254	335	340	248	241	257	308	308	184	131	12
17	152	180	216	205	207	196	206	224	228	249	254	254	247	260	264	264	265	257	285	307	316	351	220	153	12
18	103	137	175	261	88	246	241	155	239	284	312	304	313	299	285	315	316	290	283	292	281	274	291	256	14
19	161	123	154	282	116	84	108	320	320	311	332	304	318	305	313	312	317	305	347	7	346	257	167	128	15
20	118	105	165	217	166	177	287	299	322	67	55	343	347	257	133	245	99	54	67	297	117	[PF]	94	163	6
21	122	189	195	186	351	157	61	70	348	294	3	304	296	265	278	310	279	247	213	173	199	187	147	133	9
22	158	209	141	163	157	161	228	64	29	342	300	239	306	280	304	282	253	275	273	239	125	134	135	232	7
23	222	202	211	229	120	204	266	197	66	121	238	237	232	244	247	293	246	237	268	296	293	143	251	226	12
24	148	146	138	147	227	153	95	132	110	100	286	321	328	293	274	252	141	194	222	200	126	161	195	232	7
25	225	214	170	148	217	139	102	263	302	317	347	358	298	148	235	230	231	183	285	280	70	62	83	27	[VA]
26	54	77	86	152	251	116	159	245	267	282	318	299	311	270	238	226	234	87	356	71	88	201	311	206	12
27	130	159	281	260	87	29	32	271	283	272	294	278	281	259	238	237	97	331	342	300	210	210	153	151	13
28	150	207	243	156	194	145	192	240	265	283	291	287	322	192	233	352	96	70	45	107	26	344	205	176	10
29	220	38	84	20	135	146	112	80	66	33	348	353	5	354	341	328	318	330	312	0	60	65	59	84	1
30	71	75	107	123	137	142	70	54	58	42	18	18	354	323	329	318	340	301	340	17	30	83	111	147	[VA]
31	118	116	209	109	274	55	103	314	297	309	328	317	301	348	336	5	289	307	47	92	153	144	145	142	15
PV	8	7	7	10	6	7	6	13	15	15	15	15	14	13	12	14	12	12	12	14	7	7	8	7	14

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	ESE	E	ESE	ESE	ESE	ESE	SE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	WSW	WSW	WSW	WSW	WSW	WSW	W	WNW	WSW	WSW
2	SW	SSE	SE	SE	ESE	ENE	NNE	ENE	NW	NW	NNW	WNW	WNW	WNW	WSW	WSW	W	W	WSW	W	SW	S	SSE	SSE	WSW
3	S	WSW	ESE	ENE	W	ESE	WNW	NW	NE	NW	NW	WNW	NW	SW	S	S	S	SSW	SW	SSW	SW	S	S	SSW	S
4	SSW	S	S	SSW	S	WNW	NW	E	SW	SSW	SSW	S	S	SSW	SSW	SSW	WSW	SW	SW	W	WNW	NNW	WNW	W	SSW
5	SSE	SSE	SW	SW	W	SSW	WNW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WSW	ESE	ESE	ESE	SE	SE	WNW
6	ESE	ESE	S	SE	E	SSE	ESE	ENE	NW	NW	NW	NW	WNW	WNW	WNW	NW	WNW	NE	ENE	NE	ENE	SSE	SE	SE	SE
7	SSW	ESE	SW	W	S	ESE	SE	W	NW	NW	NW	NW	NW	N	NNE	E	SSW	SE	S	S	S	SE	SSE	SW	S
8	WNW	W	W	SSW	SSW	SSW	SE	SE	E	ENE	NW	WNW	WNW	N	E	ESE	SE	SW	WSW	SSE	SE	SSE	SSW	SSW	SE
9	S	SSE	SE	SSE	WSW	SE	ESE	W	NW	W	WNW	WNW	WNW	W	WNW	W	W	WNW	WNW	NW	NNW	WNW	W	SW	WNW
10	SSW	SE	SSE	SW	SSE	WSW	SE	WNW	NW	WNW	NW	NW	NW	W	WSW	W	NNE	N	NNE	NNE	E	ESE	S	SE	NW
11	SSE	WNW	SW	ESE	ESE	WNW	SSW	SSE	SE	NNW	NNE	N	N	NNW	SW	N	N	W	SE	SE	SE	SSE	SSE	SSW	SE
12	SE	SSW	SE	SSE	ESE	WNW	ENE	N	NW	NNW	NE	N	WNW	NW	WNW	WNW	NNW	NW	NW	ESE	SSE	SE	SE	SE	SE
13	SSW	NW	SE	SSW	SSE	S	ENE	SSE	NNW	NE	NNW	N	N	SSW	ESE	NNE	NE	NE	NE	E	ESE	SE	E	ESE	ESE
14	SE	SE	SW	SW	SW	SSW	N	WNW	NNW	NW	WNW	WNW	WNW	WNW	NW	WNW	N	NNW	WNW	WNW	W	WSW	SW	SE	WNW
15	SE	SE	SSE	W	SSE	SE	NE	E	WNW	NW	NW	NW	W	SW	WSW	WSW	WSW	WSW	SW	SSW	S	S	S	SW	WSW
16	SSW	SW	SSW	SSW	S	SSE	SSW	SW	W	WSW	WSW	SW	SW	WSW	WSW	NNW	NNW	WSW	WSW	WSW	NW	NW	S	SE	WSW
17	SSE	S	SW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	W	W	W	W	WSW	WNW	NW	NW	N	SW	SSE	WSW
18	ESE	SE	S	W	E	WSW	WSW	SSE	WSW	WNW	NW	NW	NW	WNW	WNW	NW	NW	WNW	WNW	WNW	W	W	WNW	WSW	WNW
19	SSE	ESE	SSE	WNW	ESE	E	ESE	NW	NW	NW	NNW	NW	NW	NW	NW	NW	NW	NW	NNW	N	NNW	WSW	SSE	SE	NW
20	ESE	ESE	SSE	SW	SSE	S	WNW	WNW	NW	ENE	NE	NNW	NNW	WSW	SE	WSW	E	NE	ENE	WNW	ESE	[PF]	E	SSE	ESE
21	ESE	S	SSW	S	N	SSE	ENE	ENE	NNW	WNW	N	NW	WNW	W	W	NW	W	WSW	SSW	S	SSW	S	SSE	SE	S
22	SSE	SSW	SE	SSE	SSE	SSE	SW	ENE	NNE	NNW	WNW	WSW	NW	W	NW	WNW	WSW	W	W	WSW	SE	SE	SE	SW	SE
23	SW	SSW	SSW	SW	ESE	SSW	W	SSW	ENE	ESE	WSW	WSW	SW	WSW	WSW	WNW	WSW	WSW	W	WNW	WNW	SE	WSW	SW	WSW
24	SSE	SE	SE	SSE	SW	SSE	E	SE	ESE	E	WNW	NW	NNW	WNW	W	WSW	SE	SSW	SW	SSW	SE	SSE	SSW	SW	SE
25	SW	SW	S	SSE	SW	SE	ESE	W	WNW	NW	NNW	N	WNW	SSE	SW	SW	SW	S	WNW	W	ENE	ENE	E	NNE	[VA]
26	NE	ENE	E	SSE	WSW	ESE	SSE	WSW	W	WNW	NW	WNW	NW	W	WSW	SW	SW	E	N	ENE	E	SSW	NW	SSW	WSW
27	SE	SSE	W	W	E	NNE	NNE	W	WNW	W	WNW	W	W	W	WSW	WSW	E	NNW	NNW	WNW	SSW	SSW	SSE	SSE	W
28	SSE	SSW	WSW	SSE	SSW	SE	SSW	WSW	W	WNW	WNW	WNW	NW	SSW	SW	N	E	ENE	NE	ESE	NNE	NNW	SSW	S	SSW
29	SW	NE	E	NNE	SE	SE	ESE	E	ENE	NNE	NNW	N	N	N	NNW	NNW	NW	NNW	NW	N	ENE	ENE	ENE	E	N
30	ENE	ENE	ESE	ESE	SE	SE	ENE	NE	ENE	NE	NNE	NNE	N	NW	NNW	NW	NNW	WNW	NNW	NNE	NNE	E	ESE	SSE	[VA]
31	ESE	ESE	SSW	ESE	W	NE	ESE	NW	WNW	NW	NNW	NW	WNW	NNW	NNW	N	WNW	NW	NE	E	SSE	SE	SE	SE	NW
PV	SSE	SE	SE	SSW	ESE	SE	ESE	W	NW	NW	NW	NW	WNW	W	WSW	WNW	WSW	WSW	WSW	WNW	SE	SE	SSE	SE	WNW

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	145	153	132	115	210	105	91	338	328	315	322	334	238	228	175	198	211	228	242	215	183	184	231	236	11
2	197	232	231	216	147	130	168	169	206	264	277	260	245	218	206	218	270	125	135	130	95	140	160	110	[VA]
3	160	215	185	160	175	155	160	155	215	245	270	330	346	85	111	146	187	187	180	213	193	161	147	149	9
4	142	163	240	136	152	136	166	279	300	334	320	322	340	328	27	6	318	278	275	255	240	163	156	158	8
5	157	238	141	105	273	148	149	123	56	340	315	325	321	350	316	23	313	334	350	8	63	135	150	228	15
6	221	252	164	146	149	168	88	93	355	317	313	347	5	342	311	300	329	60	316	281	265	148	149	136	15
7	133	300	18	159	128	125	89	95	55	324	332	308	324	270	180	121	19	130	175	245	155	200	150	145	8
8	173	175	188	188	192	129	171	161	192	227	244	230	278	280	283	291	292	264	128	164	128	123	126	118	9
9	186	115	50	140	247	252	179	303	327	312	348	302	297	273	120	143	124	145	118	122	158	143	184	150	7
10	144	141	181	192	89	166	281	103	113	93	114	23	2	149	11	39	238	330	328	110	156	148	166	186	8
11	178	220	238	214	169	142	132	165	219	209	201	197	182	201	188	253	74	116	131	137	152	127	186	154	9
12	204	200	205	179	166	181	358	79	59	284	275	308	329	49	72	162	203	235	201	169	138	125	233	291	10
13	245	239	121	241	165	192	138	163	154	144	69	28	298	344	291	152	109	116	193	333	337	223	191	149	8
14	157	268	133	169	250	253	115	76	290	309	312	310	314	306	305	355	330	331	296	223	230	132	140	134	15
15	142	164	157	158	118	278	58	332	298	297	309	316	283	315	226	138	75	61	175	185	169	195	205	194	8
16	215	229	172	137	182	145	148	145	305	324	306	293	331	305	224	182	187	188	218	228	258	146	146	143	7
17	142	173	135	139	252	219	265	297	24	5	16	340	332	126	135	136	88	98	179	165	185	120	119	131	7
18	126	112	246	248	122	119	261	296	317	300	343	9	50	350	253	235	275	274	278	279	187	184	180	168	13
19	146	199	132	154	136	137	143	277	294	292	309	319	300	280	193	230	211	250	74	155	192	148	169	146	7
20	161	141	165	312	201	141	168	66	337	287	320	301	304	297	297	308	299	1	30	59	281	288	268	173	14
21	128	267	267	199	129	68	148	134	94	335	317	290	311	349	328	147	134	130	128	90	132	171	244	194	7
22	155	188	189	186	193	132	169	147	223	265	272	22	130	215	262	158	118	157	123	136	133	130	135	139	8
23	128	102	117	137	208	97	187	114	71	34	325	257	276	286	279	228	237	216	228	202	163	192	148	115	[VA]
24	154	156	191	164	136	94	110	104	50	29	48	49	32	36	312	267	224	206	204	190	164	162	155	107	8
25	66	99	133	169	157	159	167	185	226	210	201	178	188	187	201	191	189	166	169	167	167	162	162	163	9
26	165	168	171	195	177	196	194	199	226	227	222	223	188	189	174	191	258	273	171	170	219	257	225	164	9
27	142	151	168	155	206	152	265	298	301	327	299	295	357	292	254	255	236	246	194	186	178	154	175	156	8
28	158	175	145	144	136	135	144	143	130	132	219	244	261	277	130	120	132	258	248	311	101	111	139	125	7
29	306	308	117	116	103	66	247	277	299	316	315	319	324	351	109	121	121	94	84	73	254	168	108	132	6
30	208	143	137	183	122	164	127	36	3	307	325	306	296	260	50	273	263	258	259	236	187	173	161	152	7
31	173	240	170	243	267	159	138	92	86	319	313	308	298	334	267	259	281	303	320	140	221	257	244	244	13
PV	8	8	7	8	8	7	8	[VA]	14	15	15	15	15	13	15	7	13	12	9	9	8	8	8	7	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	SSE	SE	ESE	SSW	ESE	E	NNW	NNW	NW	NW	NNW	WSW	SW	S	SSW	SSW	SW	WSW	SW	S	S	SW	SW	SW
2	SSW	SW	SW	SW	SSE	SE	SSE	S	SSW	W	W	W	WSW	SW	SSW	SW	W	SE	SE	SE	E	SE	SSE	ESE	[VA]
3	SSE	SW	S	SSE	S	SSE	SSE	SSE	SW	WSW	W	NNW	NNW	E	ESE	SE	S	S	S	SSW	SSW	SSE	SSE	SSE	S
4	SE	SSE	WSW	SE	SSE	SE	SSE	W	WNW	NNW	NW	NW	NNW	NNW	NNE	N	NW	W	W	WSW	WSW	SSE	SSE	SSE	SSE
5	SSE	WSW	SE	ESE	W	SSE	SSE	ESE	NE	NNW	NW	NW	NW	N	NW	NNE	NW	NNW	N	N	ENE	SE	SSE	SW	NW
6	SW	WSW	SSE	SE	SSE	SSE	E	E	N	NW	NW	NNW	N	NNW	NW	WNW	NNW	ENE	NW	W	W	SSE	SSE	SE	NW
7	SE	WNW	NNE	SSE	SE	SE	E	E	NE	NW	NNW	NW	NW	W	S	ESE	NNE	SE	S	WSW	SSE	SSW	SSE	SE	SSE
8	S	S	S	S	SSW	SE	S	SSE	SSW	SW	WSW	SW	W	W	WNW	WNW	WNW	W	SE	SSE	SE	ESE	SE	ESE	S
9	S	ESE	NE	SE	WSW	WSW	S	WNW	NNW	NW	NNW	WNW	WNW	W	ESE	SE	SE	SE	ESE	ESE	SSE	SE	S	SSE	SE
10	SE	SE	S	SSW	E	SSE	W	ESE	ESE	E	ESE	NNE	N	SSE	N	NE	WSW	NNW	NNW	ESE	SSE	SSE	SSE	S	SSE
11	S	SW	WSW	SW	S	SE	SE	SSE	SW	SSW	SSW	SSW	S	SSW	S	WSW	ENE	ESE	SE	SE	SSE	SE	S	SSE	S
12	SSW	SSW	SSW	S	SSE	S	N	E	ENE	WNW	W	NW	NNW	NE	ENE	SSE	SSW	SW	SSW	S	SE	SE	SW	WNW	SSW
13	WSW	WSW	ESE	WSW	SSE	SSW	SE	SSE	SSE	SE	ENE	NNE	WNW	NNW	WNW	SSE	ESE	ESE	SSW	NNW	NNW	SW	S	SSE	SSE
14	SSE	W	SE	S	WSW	WSW	ESE	ENE	WNW	NW	NW	NW	NW	NW	NW	N	NNW	NNW	WNW	SW	SW	SE	SE	SE	NW
15	SE	SSE	SSE	SSE	ESE	W	ENE	NNW	WNW	WNW	NW	NW	WNW	NW	SW	SE	ENE	ENE	S	S	S	SSW	SSW	SSW	SSE
16	SW	SW	S	SE	S	SE	SSE	SE	NW	NW	NW	WNW	NNW	NW	SW	S	S	S	SW	SW	WSW	SE	SE	SE	SE
17	SE	S	SE	SE	WSW	SW	W	WNW	NNE	N	NNE	NNW	NNW	SE	SE	SE	E	E	S	SSE	S	ESE	ESE	SE	SE
18	SE	ESE	WSW	WSW	ESE	ESE	W	WNW	NW	WNW	NNW	N	NE	N	WSW	SW	W	W	W	W	S	S	S	SSE	W
19	SE	SSW	SE	SSE	SE	SE	SE	W	WNW	WNW	NW	NW	WNW	W	SSW	SW	SSW	WSW	ENE	SSE	SSW	SSE	S	SE	SE
20	SSE	SE	SSE	NW	SSW	SE	SSE	ENE	NNW	WNW	NW	WNW	NW	WNW	WNW	NW	WNW	N	NNE	ENE	W	WNW	W	S	WNW
21	SE	W	W	SSW	SE	ENE	SSE	SE	E	NNW	NW	WNW	NW	N	NNW	SSE	SE	SE	SE	E	SE	S	WSW	SSW	SE
22	SSE	S	S	S	SSW	SE	S	SSE	SW	W	W	NNE	SE	SW	W	SSE	ESE	SSE	ESE	SE	SE	SE	SE	SE	SSE
23	SE	ESE	ESE	SE	SSW	E	S	ESE	ENE	NE	NW	WSW	W	WNW	W	SW	WSW	SW	SW	SSW	SSE	SSW	SSE	ESE	[VA]
24	SSE	SSE	S	SSE	SE	E	ESE	ESE	NE	NNE	NE	NE	NNE	NE	NW	W	SW	SSW	SSW	S	SSE	SSE	SSE	ESE	SSE
25	ENE	E	SE	S	SSE	SSE	SSE	S	SW	SSW	SSW	S	S	S	SSW	S	S	SSE	S	SSE	SSE	SSE	SSE	SSE	S
26	SSE	SSE	S	SSW	S	SSW	SSW	SSW	SW	SW	SW	SW	S	S	S	S	WSW	W	S	S	SW	WSW	SW	SSE	S
27	SE	SSE	SSE	SSE	SSW	SSE	W	WNW	WNW	NNW	WNW	WNW	N	WNW	WSW	WSW	SW	WSW	SSW	S	S	SSE	S	SSE	SSE
28	SSE	S	SE	SE	SE	SE	SE	SE	SE	SE	SW	WSW	W	W	SE	ESE	SE	WSW	WSW	NW	E	ESE	SE	SE	SE
29	NW	NW	ESE	ESE	ESE	ENE	WSW	W	WNW	NW	NW	NW	NW	N	ESE	ESE	ESE	E	E	ENE	WSW	SSE	ESE	SE	ESE
30	SSW	SE	SE	S	ESE	SSE	SE	NE	N	NW	NW	NW	WNW	W	NE	W	W	WSW	W	SW	S	S	SSE	SSE	SE
31	S	WSW	S	WSW	W	SSE	SE	E	E	NW	NW	NW	WNW	NNW	W	W	W	WNW	NW	SE	SW	WSW	WSW	WSW	W
PV	SSE	SSE	SE	SSE	SSE	SE	SSE	[VA]	WNW	NW	NW	NW	NW	W	NW	SE	W	WSW	S	S	SSE	SSE	SSE	SE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	237	232	226	148	134	176	133	117	106	300	302	292	288	290	285	325	314	284	84	115	143	179	237	139	14
2	156	172	147	150	240	239	264	284	297	287	350	318	328	299	287	296	303	340	0	260	162	146	154	173	14
3	46	69	228	252	115	137	178	123	341	49	320	327	299	307	293	306	303	275	254	227	150	153	164	160	14
4	170	130	173	176	244	120	145	274	72	274	304	288	314	272	292	298	243	275	172	127	123	98	130	157	7
5	95	92	108	158	105	195	211	138	243	266	83	24	224	297	271	172	143	136	121	125	154	147	140	124	7
6	145	234	145	155	143	133	116	115	21	307	304	287	41	284	309	241	241	302	291	194	189	243	248	182	7
7	144	149	144	147	172	196	129	107	130	137	122	301	299	1	18	34	34	344	11	48	298	125	192	137	7
8	114	155	167	89	243	176	123	119	111	297	304	288	260	273	279	273	275	253	176	174	163	164	151	158	[VA]
9	134	229	230	144	137	296	356	357	16	32	2	326	281	215	194	214	228	223	204	162	167	167	162	161	[VA]
10	167	164	165	157	163	159	173	174	231	276	280	215	298	53	183	202	295	330	356	154	196	84	71	52	9
11	58	325	308	303	312	315	271	277	306	301	17	24	57	79	76	75	100	105	87	75	296	323	242	248	15
12	153	159	247	191	143	145	148	146	119	341	324	311	291	288	299	277	262	160	301	277	162	119	120	121	8
13	124	117	139	284	10	96	95	110	163	188	205	230	285	293	251	171	149	347	41	183	181	156	204	224	9
14	213	253	112	157	160	237	103	68	329	51	358	22	213	184	174	141	112	131	98	69	64	52	49	241	3
15	107	269	185	179	178	169	232	266	267	298	35	9	305	293	302	306	300	330	90	96	153	96	172	297	14
16	250	193	291	213	180	198	222	54	181	272	283	233	267	296	259	243	252	245	259	207	125	146	153	151	12
17	149	197	241	216	216	241	249	249	337	105	14	83	216	244	276	305	274	160	134	158	178	161	146	148	12
18	157	144	145	136	138	227	130	137	305	313	314	343	311	300	339	320	225	185	168	167	140	123	133	77	7
19	249	278	69	180	142	132	235	39	350	282	208	131	124	126	151	28	94	117	120	126	137	297	95	140	7
20	265	125	140	[VA]	240	225	205	250	255	290	310	15	275	351	29	316	319	303	269	256	215	169	292	144	12
21	263	120	248	176	137	155	141	128	79	348	27	328	319	311	304	262	229	188	169	172	167	162	170	162	8
22	104	209	215	185	40	168	147	82	45	345	11	339	290	288	287	264	269	254	238	209	200	202	234	130	10
23	140	170	249	255	228	92	142	134	306	302	334	322	292	278	282	292	285	270	250	193	172	244	224	257	[VA]
24	165	143	157	89	117	110	144	98	266	279	290	24	314	311	353	67	27	232	63	219	147	157	205	274	8
25	240	235	190	165	108	177	247	278	151	139	132	146	108	318	316	320	310	307	129	122	131	43	170	186	7
26	180	165	168	166	138	200	173	90	96	197	205	197	213	211	203	204	207	205	180	136	163	265	293	311	10
27	267	299	65	43	94	37	188	255	205	148	118	133	125	216	208	209	257	285	163	156	204	146	163	165	8
28	158	160	195	249	223	211	244	208	219	236	225	237	239	232	237	237	247	265	168	227	230	165	235	197	11
29	171	219	247	264	196	184	277	89	56	59	52	310	303	279	299	301	286	294	291	281	342	69	91	14	14
30	257	266	272	232	250	186	191	152	113	106	70	102	204	300	312	311	319	244	253	241	248	296	271	254	12
PV	8	8	8	8	7	9	7	6	[VA]	14	15	14	14	14	14	15	14	14	9	8	8	8	8	8	8

QHOUT -- QU001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	WSW	SW	SW	SSE	SE	S	SE	ESE	ESE	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	WNW	E	ESE	SE	S	WSW	SE	WNW
2	SSE	S	SSE	SSE	WSW	WSW	W	WNW	WNW	WNW	N	NW	NNW	WNW	WNW	WNW	WNW	NNW	N	W	SSE	SE	SSE	S	WNW
3	NE	ENE	SW	WSW	ESE	SE	S	ESE	NNW	NE	NW	NNW	WNW	NW	WNW	NW	WNW	W	WSW	SW	SSE	SSE	SSE	SSE	WNW
4	S	SE	S	S	WSW	ESE	SE	W	ENE	W	NW	WNW	NW	W	WNW	WNW	WSW	W	S	SE	ESE	E	SE	SSE	SE
5	E	E	ESE	SSE	ESE	SSW	SSW	SE	WSW	W	E	NNE	SW	WNW	W	S	SE	SE	ESE	SE	SSE	SSE	SE	SE	SE
6	SE	SW	SE	SSE	SE	SE	ESE	ESE	NNE	NW	NW	WNW	NE	WNW	NW	WSW	WSW	WNW	WNW	SSW	S	WSW	WSW	S	SE
7	SE	SSE	SE	SSE	S	SSW	SE	ESE	SE	SE	ESE	WNW	WNW	N	NNE	NE	NE	NNW	N	NE	WNW	SE	SSW	SE	SE
8	ESE	SSE	SSE	E	WSW	S	ESE	ESE	ESE	WNW	NW	WNW	W	W	W	W	W	WSW	S	S	SSE	SSE	SSE	SSE	[VA]
9	SE	SW	SW	SE	SE	WNW	N	N	NNE	NNE	N	NW	W	SW	SSW	SW	SW	SW	SSW	SSE	SSE	SSE	SSE	SSE	[VA]
10	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SW	W	W	SW	WNW	NE	S	SSW	WNW	NNW	N	SSE	SSW	E	ENE	NE	S
11	ENE	NW	NW	WNW	NW	NW	W	W	NW	WNW	NNE	NNE	ENE	E	ENE	ENE	E	ESE	E	ENE	WNW	NW	WSW	WSW	NW
12	SSE	SSE	WSW	S	SE	SE	SSE	SE	ESE	NNW	NW	NW	WNW	WNW	WNW	W	W	SSE	WNW	W	SSE	ESE	ESE	ESE	SSE
13	SE	ESE	SE	WNW	N	E	E	ESE	SSE	S	SSW	SW	WNW	WNW	WSW	S	SSE	NNW	NE	S	S	SSE	SSW	SW	S
14	SSW	WSW	ESE	SSE	SSE	WSW	ESE	ENE	NNW	NE	N	NNE	SSW	S	S	SE	ESE	SE	E	ENE	ENE	NE	NE	WSW	NE
15	ESE	W	S	S	S	S	SW	W	W	WNW	NE	N	NW	WNW	WNW	NW	WNW	NNW	E	E	SSE	E	S	WNW	WNW
16	WSW	SSW	WNW	SSW	S	SSW	SW	NE	S	W	WNW	SW	W	WNW	W	WSW	WSW	WSW	W	SSW	SE	SE	SSE	SSE	WSW
17	SSE	SSW	WSW	SW	SW	WSW	WSW	WSW	NNW	ESE	NNE	E	SW	WSW	W	NW	W	SSE	SE	SSE	S	SSE	SE	SSE	WSW
18	SSE	SE	SE	SE	SE	SW	SE	SE	NW	NW	NW	NNW	NW	WNW	NNW	NW	SW	S	SSE	SSE	SE	ESE	SE	ENE	SE
19	WSW	W	ENE	S	SE	SE	SW	NE	N	WNW	SSW	SE	SE	SE	SSE	NNE	E	ESE	ESE	SE	SE	WNW	E	SE	SE
20	W	SE	SE	[VA]	WSW	SW	SSW	WSW	WSW	WNW	NW	NNE	W	N	NNE	NW	NW	WNW	W	WSW	SW	S	WNW	SE	WSW
21	W	ESE	WSW	S	SE	SSE	SE	SE	E	NNW	NNE	NNW	NW	NW	NW	W	SW	S	S	S	SSE	SSE	S	SSE	SSE
22	ESE	SSW	SW	S	NE	SSE	SSE	E	NE	NNW	N	NNW	WNW	WNW	WNW	W	W	WSW	WSW	SSW	SSW	SSW	SW	SE	SSW
23	SE	S	WSW	WSW	SW	E	SE	SE	NW	WNW	NNW	NW	WNW	W	WNW	WNW	WNW	W	WSW	SSW	S	WSW	SW	WSW	[VA]
24	SSE	SE	SSE	E	ESE	ESE	SE	E	W	W	WNW	NNE	NW	NW	N	ENE	NNE	SW	ENE	SW	SSE	SSE	SSW	W	SSE
25	WSW	SW	S	SSE	ESE	S	WSW	W	SSE	SE	SE	SE	ESE	NW	NW	NW	NW	NW	SE	ESE	SE	NE	S	S	SE
26	S	SSE	SSE	SSE	SE	SSW	S	E	E	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SE	SSE	W	WNW	NW	SSW
27	W	WNW	ENE	NE	E	NE	S	WSW	SSW	SSE	ESE	SE	SE	SW	SSW	SSW	WSW	WNW	SSE	SSE	SSW	SE	SSE	SSE	SSE
28	SSE	SSE	SSW	WSW	SW	SSW	WSW	SSW	SW	SW	SW	WSW	WSW	SW	WSW	WSW	WSW	W	SSE	SW	SW	SSE	SW	SSW	SW
29	S	SW	WSW	W	SSW	S	W	E	NE	ENE	NE	NW	WNW	W	WNW	WNW	WNW	WNW	WNW	W	NNW	ENE	E	NNE	WNW
30	WSW	W	W	SW	WSW	S	S	SSE	ESE	ESE	ENE	ESE	SSW	WNW	NW	NW	NW	WSW	WSW	WSW	WSW	WNW	W	WSW	WSW
PV	SSE	SSE	SSE	SSE	SE	S	SE	ESE	[VA]	WNW	NW	WNW	WNW	WNW	WNW	NW	WNW	WNW	S	SSE	SSE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	249	198	211	177	159	150	154	157	209	293	308	302	310	314	301	290	286	284	276	259	254	242	233	235	14
2	236	215	199	168	153	141	91	172	291	346	311	297	306	290	299	306	301	1	53	117	145	220	196	136	14
3	140	175	253	107	205	115	162	58	51	53	342	318	296	300	307	310	313	348	175	137	87	128	252	151	15
4	86	158	11	325	95	14	180	46	283	329	323	319	306	322	323	299	294	275	249	172	147	137	160	178	15
5	248	256	267	286	251	192	245	89	312	357	63	56	46	78	66	52	100	133	151	145	130	72	334	184	4
6	185	156	164	167	173	207	209	184	354	12	350	13	53	39	26	323	311	290	267	260	194	233	291	46	2
7	72	162	94	194	138	274	45	267	291	301	285	68	290	78	332	26	52	42	284	296	294	299	296	320	14
8	48	99	144	110	161	206	202	245	279	275	352	332	311	295	339	48	15	35	341	312	323	313	259	246	15
9	232	242	240	182	241	253	234	246	282	308	347	310	300	298	32	23	64	79	102	118	93	99	116	118	[VA]
10	112	98	264	254	291	262	256	264	299	300	25	31	60	40	60	49	52	56	95	107	128	146	137	148	3
11	104	123	192	130	220	151	166	115	210	293	286	310	32	298	30	58	77	90	108	131	145	164	142	130	7
12	39	354	117	164	178	95	75	136	88	43	47	36	51	77	40	69	77	271	240	120	137	151	158	119	4
13	82	131	132	146	119	130	143	126	82	50	329	29	48	53	61	52	55	78	113	111	119	158	138	169	7
14	185	216	143	79	114	140	89	130	90	350	301	309	317	29	341	297	315	358	356	321	216	143	161	155	[VA]
15	158	131	156	170	135	110	140	149	176	292	311	323	301	305	294	300	323	314	114	146	167	171	159	166	8
16	166	186	196	96	214	117	61	90	38	315	288	297	304	307	301	311	275	107	142	148	170	150	117	136	[VA]
17	169	164	147	143	125	26	277	52	79	290	59	6	314	296	300	261	255	253	238	215	206	223	216	207	11
18	250	188	238	201	163	119	188	76	73	290	283	316	315	258	257	252	277	300	309	292	285	297	307	313	14
19	316	359	18	2	358	102	119	140	92	79	77	56	23	21	327	347	18	40	86	128	143	178	177	161	2
20	167	157	196	178	157	133	153	226	107	282	291	303	309	306	288	284	265	256	176	144	257	214	226	48	[VA]
21	112	147	143	129	113	93	102	99	55	306	48	35	28	284	277	0	340	255	120	139	146	237	142	160	7
22	295	107	141	70	134	120	101	71	73	54	281	17	358	359	346	336	355	260	139	281	317	198	243	66	[VA]
23	206	223	136	108	124	146	179	100	108	15	337	302	326	320	321	311	314	259	204	223	330	162	264	184	15
24	213	145	154	214	219	120	100	128	282	331	294	316	308	311	293	293	293	270	260	155	135	143	208	237	14
25	193	181	118	119	130	129	171	134	152	166	218	297	302	318	330	302	252	209	255	252	131	133	148	166	7
26	164	208	171	169	155	157	141	143	197	191	204	196	172	187	194	194	168	172	193	183	268	253	172	137	9
27	262	326	284	268	277	279	266	306	32	22	245	222	190	183	254	274	299	1	261	229	227	129	156	195	13
28	170	153	170	163	150	147	142	144	132	244	286	317	3	4	52	34	56	173	171	162	161	166	159	161	8
29	186	188	169	190	199	181	195	206	212	221	251	242	238	201	198	181	178	206	210	215	184	183	205	247	10
30	178	123	119	210	269	229	241	282	302	273	276	338	297	108	266	65	104	146	212	210	258	98	111	116	13
31	85	96	114	118	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	5
PV	9	8	7	9	7	7	7	7	[VA]	14	15	15	15	15	14	14	14	13	6	7	8	8	7	8	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	WSW	SSW	SSW	S	SSE	SSE	SSE	SSE	SSW	WNW	NW	WNW	NW	NW	WNW	WNW	WNW	WNW	W	W	WSW	WSW	SW	SW	WNW
2	SW	SW	SSW	SSE	SSE	SE	E	S	WNW	NNW	NW	WNW	NW	WNW	WNW	NW	WNW	N	NE	ESE	SE	SW	SSW	SE	WNW
3	SE	S	WSW	ESE	SSW	ESE	SSE	ENE	NE	NE	NNW	NW	WNW	WNW	NW	NW	NW	NNW	S	SE	E	SE	WSW	SSE	NW
4	E	SSE	N	NW	E	NNE	S	NE	WNW	NNW	NW	NW	NW	NW	NW	WNW	WNW	W	WSW	S	SSE	SE	SSE	S	NW
5	WSW	WSW	W	WNW	WSW	SSW	WSW	E	NW	N	ENE	NE	NE	ENE	ENE	NE	E	SE	SSE	SE	SE	ENE	NNW	S	ENE
6	S	SSE	SSE	SSE	S	SSW	SSW	S	N	NNE	N	NNE	NE	NE	NNE	NW	NW	WNW	W	W	SSW	SW	WNW	NE	NNE
7	ENE	SSE	E	SSW	SE	W	NE	W	WNW	WNW	WNW	ENE	WNW	ENE	NNW	NNE	NE	NE	WNW	WNW	WNW	WNW	WNW	NW	WNW
8	NE	E	SE	ESE	SSE	SSW	SSW	WSW	W	W	N	NNW	NW	WNW	NNW	NE	NNE	NE	NNW	NW	NW	NW	W	WSW	NW
9	SW	WSW	WSW	S	WSW	WSW	SW	WSW	WNW	NW	NNW	NW	WNW	WNW	NNE	NNE	ENE	E	ESE	ESE	E	E	ESE	ESE	[VA]
10	ESE	E	W	WSW	WNW	W	WSW	W	WNW	WNW	NNE	NNE	ENE	NE	ENE	NE	NE	NE	E	ESE	SE	SE	SE	SSE	NE
11	ESE	ESE	SSW	SE	SW	SSE	SSE	ESE	SSW	WNW	WNW	NW	NNE	WNW	NNE	ENE	ENE	E	ESE	SE	SE	SSE	SE	SE	SE
12	NE	N	ESE	SSE	S	E	ENE	SE	E	NE	NE	NE	NE	ENE	NE	ENE	ENE	W	WSW	ESE	SE	SSE	SSE	ESE	ENE
13	E	SE	SE	SE	ESE	SE	SE	SE	E	NE	NNW	NNE	NE	NE	ENE	NE	NE	ENE	ESE	ESE	ESE	SSE	SE	S	SE
14	S	SW	SE	E	ESE	SE	E	SE	E	N	WNW	NW	NW	NNE	NNW	WNW	NW	N	N	NW	SW	SE	SSE	SSE	[VA]
15	SSE	SE	SSE	S	SE	ESE	SE	SSE	S	WNW	NW	NW	WNW	NW	WNW	WNW	NW	NW	ESE	SE	SSE	S	SSE	SSE	SSE
16	SSE	S	SSW	E	SW	ESE	ENE	E	NE	NW	WNW	WNW	NW	NW	WNW	NW	W	ESE	SE	SSE	S	SSE	ESE	SE	[VA]
17	S	SSE	SSE	SE	SE	NNE	W	NE	E	WNW	ENE	N	NW	WNW	WNW	W	WSW	WSW	WSW	SW	SSW	SW	SW	SSW	SW
18	WSW	S	WSW	SSW	SSE	ESE	S	ENE	ENE	WNW	WNW	NW	NW	WSW	WSW	WSW	W	WNW	NW	WNW	WNW	WNW	NW	NW	WNW
19	NW	N	NNE	N	N	ESE	ESE	SE	E	E	ENE	NE	NNE	NNE	NNW	NNW	NNE	NE	E	SE	SE	S	S	SSE	NNE
20	SSE	SSE	SSW	S	SSE	SE	SSE	SW	ESE	WNW	WNW	WNW	NW	NW	WNW	WNW	W	WSW	S	SE	WSW	SW	SW	NE	[VA]
21	ESE	SSE	SE	SE	ESE	E	ESE	E	NE	NW	NE	NE	NNE	WNW	W	N	NNW	WSW	ESE	SE	SE	WSW	SE	SSE	SE
22	WNW	ESE	SE	ENE	SE	ESE	E	ENE	ENE	NE	W	NNE	N	N	NNW	NNW	N	W	SE	W	NW	SSW	WSW	ENE	[VA]
23	SSW	SW	SE	ESE	SE	SE	S	E	ESE	NNE	NNW	WNW	NW	NW	NW	NW	NW	W	SSW	SW	NNW	SSE	W	S	NW
24	SSW	SE	SSE	SW	SW	ESE	E	SE	WNW	NNW.	WNW	NW	NW	NW	WNW	WNW	WNW	W	W	SSE	SE	SE	SSW	WSW	WNW
25	SSW	S	ESE	ESE	SE	SE	S	SE	SSE	SSE	SW	WNW	WNW	NW	NNW	WNW	WSW	SSW	WSW	WSW	SE	SE	SSE	SSE	SE
26	SSE	SSW	S	S	SSE	SSE	SE	SE	SSW	S	SSW	SSW	S	S	SSW	SSW	SSE	S	SSW	S	W	WSW	S	SE	S
27	W	NW	WNW	W	W	W	W	NW	NNE	NNE	WSW	SW	S	S	WSW	W	WNW	N	W	SW	SW	SE	SSE	SSW	W
28	S	SSE	S	SSE	SSE	SSE	SE	SE	SE	WSW	WNW	NW	N	N	NE	NE	NE	S	S	SSE	SSE	SSE	SSE	SSE	SSE
29	S	S	S	S	SSW	S	SSW	SSW	SSW	SW	WSW	WSW	WSW	SSW	SSW	S	S	SSW	SSW	SW	S	S	SSW	WSW	SSW
30	S	ESE	ESE	SSW	W	SW	WSW	WNW	WNW	W	W	NNW	WNW	ESE	W	ENE	ESE	SE	SSW	SSW	WSW	E	ESE	ESE	W
31	E	E	ESE	ESE	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	E
PV	S	SSE	SE	S	SE	SE	SE	SE	[VA]	WNW	NW	NW	NW	NW	WNW	WNW	WNW	W	ESE	SE	SSE	SSE	SE	SSE	SE

QHOUT -- QU004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

NOV, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	256	277	355	276	293	306	120	250	266	97	80	81	13
2	109	88	318	319	331	354	109	278	328	328	5	340	357	69	40	71	58	99	122	131	153	144	147	142	16
3	145	188	185	129	154	147	145	172	228	276	312	335	330	286	31	43	4	3	257	226	207	142	243	176	9
4	223	142	132	146	137	105	199	266	322	280	23	36	326	342	343	287	288	254	240	177	145	180	197	181	7
5	135	144	348	121	243	136	221	95	90	277	359	301	56	54	359	12	275	252	161	116	236	228	171	141	7
6	151	172	113	121	197	110	279	254	57	49	351	312	303	331	323	71	178	183	197	173	142	185	258	188	9
7	165	174	229	207	76	101	87	153	279	275	263	54	346	312	306	303	259	99	130	149	165	154	137	177	8
8	169	185	204	214	186	192	177	199	189	200	217	277	310	303	315	22	65	58	347	325	108	120	85	74	10
9	112	248	320	89	108	160	112	177	241	321	72	172	186	180	199	187	277	33	123	149	132	144	143	145	6
10	179	191	107	[VA]	222	191	92	267	114	142	188	184	205	227	231	216	188	285	231	109	224	273	254	291	11
11	114	234	281	285	286	285	268	253	225	260	259	263	152	143	138	256	266	272	269	263	250	238	216	203	13
12	237	130	178	132	135	130	137	126	88	83	133	112	46	1	13	63	94	124	140	133	181	165	172	183	7
13	191	232	186	220	275	257	255	258	112	111	100	252	291	272	276	275	272	292	301	265	222	259	137	115	13
14	129	151	145	194	114	195	321	103	85	259	299	299	290	309	306	290	55	132	187	141	164	147	135	203	7
15	226	110	170	127	132	288	140	240	58	77	23	18	344	343	0	347	299	266	262	244	216	140	31	139	7
16	282	128	200	164	219	235	250	150	99	287	279	294	324	313	335	283	258	140	121	266	304	236	229	284	14
17	160	256	270	101	296	261	248	244	129	279	313	337	278	51	299	38	303	245	279	247	196	319	268	222	13
18	243	87	219	251	295	267	182	262	183	347	118	6	43	290	275	181	182	192	205	198	194	181	178	174	10
19	170	188	180	172	171	190	190	205	200	223	265	242	219	266	260	261	271	279	260	242	231	238	243	219	13
20	241	216	233	138	86	77	142	22	144	12	345	317	324	297	284	304	99	131	135	139	166	196	262	84	7
21	207	164	93	148	119	166	147	174	129	193	285	303	326	320	294	297	287	189	141	131	173	160	189	213	8
22	265	169	270	113	121	70	287	257	280	251	61	44	44	57	335	19	153	342	50	57	121	120	101	55	3
23	122	113	65	293	110	81	108	119	132	113	49	345	344	24	32	36	37	24	87	95	139	146	153	165	6
24	147	162	153	311	95	270	62	78	52	300	292	296	295	289	314	293	243	77	325	54	286	219	268	256	14
25	163	137	191	271	205	153	94	144	266	239	160	309	302	292	22	23	229	307	131	286	258	256	238	302	14
26	291	274	110	269	266	219	238	139	201	96	58	280	275	298	291	105	341	275	281	139	127	143	152	146	13
27	217	166	137	216	130	161	327	106	90	39	91	5	10	315	321	293	271	269	274	249	248	96	337	71	13
28	230	136	129	16	91	253	270	176	209	285	351	58	312	21	131	276	252	250	256	128	142	221	283	168	12
29	46	255	292	240	113	168	182	253	276	276	66	288	299	283	212	111	228	253	184	220	195	178	180	194	[VA]
30	174	207	204	182	216	226	107	169	173	165	181	179	180	186	193	149	126	106	106	127	154	165	108	173	9
PV	8	[VA]	9	7	6	8	6	12	5	13	[VA]	14	15	14	15	14	13	13	6	7	7	8	12	9	13

UHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	WSW	W	N	W	WNW	NW	ESE	WSW	W	E	E	E	W
2	ESE	E	NW	NW	NNW	N	ESE	W	NNW	NNW	N	NNW	N	ENE	NE	ENE	ENE	E	ESE	SE	SSE	SE	SSE	SE	NNW
3	SE	S	S	SE	SSE	SSE	SE	S	SW	W	NW	NNW	NNW	WNW	NNE	NE	N	N	WSW	SW	SSW	SE	WSW	S	S
4	SW	SE	SE	SE	SE	ESE	SSW	W	NW	W	NNE	NE	NW	NNW	NNW	WNW	WNW	WSW	WSW	S	SE	S	SSW	S	SE
5	SE	SE	NNW	ESE	WSW	SE	SW	E	E	W	N	WNW	NE	NE	N	NNE	W	WSW	SSE	ESE	SW	SW	S	SE	SE
6	SSE	S	ESE	ESE	SSW	ESE	W	WSW	ENE	NE	N	NW	WNW	NNW	NW	ENE	S	S	SSW	S	SE	S	WSW	S	S
7	SSE	S	SW	SSW	ENE	E	E	SSE	W	W	W	NE	NNW	NW	NW	WNW	W	E	SE	SSE	SSE	SSE	SE	S	SSE
8	S	S	SSW	SW	S	SSW	S	SSW	S	SSW	SW	W	NW	WNW	NW	NNE	ENE	ENE	NNW	NW	ESE	ESE	E	ENE	SSW
9	ESE	WSW	NW	E	ESE	SSE	ESE	S	WSW	NW	ENE	S	S	S	SSW	S	W	NNE	ESE	SSE	SE	SE	SE	SE	ESE
10	S	S	ESE	[VA]	SW	S	E	W	ESE	SE	S	S	SSW	SW	SW	SW	S	WNW	SW	ESE	SW	W	WSW	WNW	SW
11	ESE	SW	W	WNW	WNW	WNW	W	WSW	SW	W	W	W	SSE	SE	SE	WSW	W	W	W	W	WSW	WSW	SW	SSW	W
12	WSW	SE	S	SE	SE	SE	SE	SE	E	E	SE	ESE	NE	N	NNE	ENE	E	SE	SE	SE	S	SSE	S	S	SE
13	S	SW	S	SW	W	WSW	WSW	WSW	ESE	ESE	E	WSW	WNW	W	W	W	W	WNW	WNW	W	SW	W	SE	ESE	W
14	SE	SSE	SE	SSW	ESE	SSW	NW	ESE	E	W	WNW	WNW	WNW	NW	NW	WNW	NE	SE	S	SE	SSE	SSE	SE	SSW	SE
15	SW	ESE	S	SE	SE	WNW	SE	WSW	ENE	ENE	NNE	NNE	NNW	NNW	N	NNW	WNW	W	W	WSW	SW	SE	NNE	SE	SE
16	WNW	SE	SSW	SSE	SW	SW	WSW	SSE	E	WNW	W	WNW	NW	NW	NNW	WNW	WSW	SE	ESE	W	NW	SW	SW	WNW	WNW
17	SSE	WSW	W	E	WNW	W	WSW	WSW	SE	W	NW	NNW	W	NE	WNW	NE	WNW	WSW	W	WSW	SSW	NW	W	SW	W
18	WSW	E	SW	WSW	WNW	W	S	W	S	NNW	ESE	N	NE	WNW	W	S	S	SSW	SSW	SSW	SSW	S	S	S	SSW
19	S	S	S	S	S	S	S	SSW	SSW	SW	W	WSW	SW	W	W	W	W	W	W	WSW	SW	WSW	WSW	SW	W
20	WSW	SW	SW	SE	E	ENE	SE	NNE	SE	NNE	NNW	NW	NW	WNW	WNW	NW	E	SE	SE	SE	SSE	SSW	W	E	SE
21	SSW	SSE	E	SSE	ESE	SSE	SSE	S	SE	SSW	WNW	WNW	NW	NW	WNW	WNW	WNW	S	SE	SE	S	SSE	S	SSW	SSE
22	W	S	W	ESE	ESE	ENE	WNW	WSW	W	WSW	ENE	NE	NE	ENE	NNW	NNE	SSE	NNW	NE	ENE	ESE	ESE	E	NE	NE
23	ESE	ESE	ENE	WNW	ESE	E	ESE	ESE	SE	ESE	NE	NNW	NNW	NNE	NNE	NE	NE	NNE	E	E	SE	SE	SSE	SSE	ESE
24	SSE	SSE	SSE	NW	E	W	ENE	ENE	NE	WNW	WNW	WNW	WNW	WNW	NW	WNW	WSW	ENE	NW	NE	WNW	SW	W	WSW	WNW
25	SSE	SE	S	W	SSW	SSE	E	SE	W	WSW	SSE	NW	WNW	WNW	NNE	NNE	SW	NW	SE	WNW	WSW	WSW	WSW	WNW	WNW
26	WNW	W	ESE	W	W	SW	WSW	SE	SSW	E	ENE	W	W	WNW	WNW	ESE	NNW	W	W	SE	SE	SE	SSE	SE	W
27	SW	SSE	SE	SW	SE	SSE	NNW	ESE	E	NE	E	N	N	NW	NW	WNW	W	W	W	WSW	WSW	E	NNW	ENE	W
28	SW	SE	SE	NNE	E	WSW	W	S	SSW	WNW	N	ENE	NW	NNE	SE	W	WSW	WSW	WSW	SE	SE	SW	WNW	SSE	WSW
29	NE	WSW	WNW	WSW	ESE	SSE	S	WSW	W	W	ENE	WNW	WNW	WNW	SSW	ESE	SW	WSW	S	SW	SSW	S	S	SSW	[VA]
30	S	SSW	SSW	S	SW	SW	ESE	S	S	SSE	S	S	S	S	SSW	SSE	SE	ESE	ESE	SE	SSE	SSE	ESE	S	S
PV	SSE	[VA]	S	SE	ESE	SSE	ESE	WSW	E	W	[VA]	WNW	NW	WNW	NW	WNW	W	W	ESE	SE	SE	SSE	WSW	S	W

WHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	166	177	167	170	167	187	204	179	181	177	214	217	218	231	234	242	227	222	226	233	238	249	247	235	11
2	215	194	174	175	194	202	213	221	230	259	270	270	274	273	277	284	278	282	292	275	233	232	238	203	[VA]
3	210	235	168	133	152	179	149	161	131	98	22	359	329	293	299	307	301	277	241	287	285	220	243	225	[VA]
4	279	137	145	177	199	322	199	167	280	258	299	293	308	318	353	82	290	287	252	241	150	263	43	131	14
5	156	146	222	129	138	140	123	129	144	263	296	299	290	353	333	295	255	285	350	155	223	269	171	358	7
6	271	108	184	259	197	263	124	256	331	80	314	298	279	121	280	52	201	166	257	264	257	271	245	154	13
7	242	209	232	255	158	162	127	184	264	241	57	278	283	284	91	66	73	56	61	74	82	101	85	79	4
8	82	65	57	65	69	72	75	92	122	70	62	57	54	34	317	297	283	280	297	260	208	124	202	256	4
9	143	120	137	203	89	112	100	71	103	61	22	289	306	294	280	297	291	284	302	293	273	256	88	106	14
10	267	212	274	16	99	190	123	313	95	298	296	291	302	297	307	288	301	80	92	103	274	251	256	273	14
11	142	117	202	113	129	136	111	118	133	99	83	52	56	352	323	311	284	254	223	248	145	189	143	138	6
12	71	69	145	114	139	152	131	164	217	207	174	139	6	357	64	11	279	146	96	349	140	134	142	223	7
13	150	143	155	5	319	306	312	299	315	17	353	10	21	303	294	285	297	288	109	170	145	133	231	250	14
14	256	244	252	248	234	235	161	148	145	160	140	187	256	251	269	346	294	250	96	349	146	241	155	221	12
15	257	117	247	269	127	84	318	262	236	88	316	37	44	28	285	289	252	224	154	276	195	167	262	258	12
16	199	234	226	149	271	277	197	178	231	106	289	157	274	50	309	283	179	131	275	246	78	278	164	218	13
17	230	237	148	206	202	124	203	270	226	293	262	273	72	47	242	117	86	84	280	291	298	168	275	273	13
18	239	295	254	255	263	297	276	283	354	306	165	261	277	291	276	317	126	144	149	148	153	142	165	50	13
19	261	302	119	123	200	91	149	308	75	334	270	286	298	296	350	248	292	293	150	241	24	253	223	226	14
20	110	303	318	250	163	164	242	234	153	275	244	276	44	346	244	250	108	128	274	274	251	230	239	162	12
21	248	101	266	258	265	237	216	278	252	201	41	294	105	49	332	100	214	196	286	247	235	124	270	99	12
22	304	268	267	299	262	267	268	160	195	209	212	225	227	210	192	182	180	176	184	162	176	174	169	181	9
23	197	206	179	157	180	183	180	239	260	246	120	52	137	186	272	257	120	172	277	253	241	274	261	275	13
24	245	254	274	231	273	298	40	25	41	27	21	38	44	38	46	48	49	38	48	52	38	39	54	77	3
25	101	104	110	92	96	128	117	136	136	284	296	283	320	353	324	51	321	258	253	112	155	147	171	167	6
26	177	134	144	115	69	138	139	78	12	90	92	320	58	343	317	303	259	256	190	108	252	137	141	276	7
27	136	183	77	168	70	36	134	234	146	286	345	291	12	20	54	304	251	104	302	282	18	257	246	246	[VA]
28	250	146	235	175	182	149	153	144	194	130	71	46	356	75	337	24	79	59	9	161	255	200	249	170	7
29	138	131	136	129	231	350	106	148	78	85	46	302	298	276	55	345	307	246	109	278	129	290	306	175	7
30	140	198	95	120	54	91	103	133	74	76	301	294	280	311	316	278	229	150	83	149	145	227	207	89	5
31	192	140	177	189	282	156	176	114	151	64	62	348	273	293	280	286	265	261	86	214	228	246	79	198	13
PV	12	6	8	9	10	8	7	8	7	5	14	14	13	14	15	14	13	12	14	13	12	12	12	12	13

QHOUT -- QU001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

DEC, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	S	SSE	S	SSE	S	SSW	S	S	S	SW	SW	SW	SW	SW	WSW	SW	SW	SW	SW	WSW	WSW	WSW	SW	SW
2	SW	SSW	S	S	SSW	SSW	SSW	SW	SW	W	W	W	W	W	W	WNW	W	WNW	WNW	W	SW	SW	WSW	SSW	[VA]
3	SSW	SW	SSE	SE	SSE	S	SSE	SSE	SE	E	NNE	N	NNW	WNW	WNW	NW	WNW	W	WSW	WNW	WNW	SW	WSW	SW	[VA]
4	W	SE	SE	S	SSW	NW	SSW	SSE	W	WSW	WNW	WNW	NW	NW	N	E	WNW	WNW	WSW	WSW	SSE	W	NE	SE	WNW
5	SSE	SE	SW	SE	SE	SE	ESE	SE	SE	W	WNW	WNW	WNW	N	NNW	WNW	WSW	WNW	N	SSE	SW	W	S	N	SE
6	W	ESE	S	W	SSW	W	SE	WSW	NNW	E	NW	WNW	W	ESE	W	NE	SSW	S	WSW	W	WSW	W	WSW	SSE	W
7	WSW	SSW	SW	WSW	SSE	SSE	SE	S	W	WSW	ENE	W	WNW	WNW	E	ENE	ENE	NE	ENE	ENE	E	E	E	E	ENE
8	E	ENE	ENE	ENE	ENE	ENE	ENE	E	ESE	ENE	ENE	ENE	NE	NE	NW	WNW	WNW	W	WNW	W	SSW	SE	SSW	WSW	ENE
9	SE	ESE	SE	SSW	E	ESE	E	ENE	ESE	ENE	NNE	WNW	NW	WNW	W	WNW	WNW	WNW	WNW	WNW	W	WSW	E	ESE	WNW
10	W	SSW	W	NNE	E	S	ESE	NW	E	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	E	E	ESE	W	WSW	WSW	W	WNW
11	SE	ESE	SSW	ESE	SE	SE	ESE	ESE	SE	E	E	NE	NE	N	NW	NW	WNW	WSW	SW	WSW	SE	S	SE	SE	ESE
12	ENE	ENE	SE	ESE	SE	SSE	SE	SSE	SW	SSW	S	SE	N	N	ENE	N	W	SE	E	N	SE	SE	SE	SW	SE
13	SSE	SE	SSE	N	NW	NW	NW	WNW	NW	NNE	N	N	NNE	WNW	WNW	WNW	WNW	WNW	ESE	S	SE	SE	SW	WSW	WNW
14	WSW	WSW	WSW	WSW	SW	SW	SSE	SSE	SE	SSE	SE	S	WSW	WSW	W	NNW	WNW	WSW	E	N	SE	WSW	SSE	SW	WSW
15	WSW	ESE	WSW	W	SE	E	NW	W	SW	E	NW	NE	NE	NNE	WNW	WNW	WSW	SW	SSE	W	SSW	SSE	W	WSW	WSW
16	SSW	SW	SW	SSE	W	W	SSW	S	SW	ESE	WNW	SSE	W	NE	NW	WNW	S	SE	W	WSW	ENE	W	SSE	SW	W
17	SW	WSW	SSE	SSW	SSW	SE	SSW	W	SW	WNW	W	W	ENE	NE	WSW	ESE	E	E	W	WNW	WNW	SSE	W	W	W
18	WSW	WNW	WSW	WSW	W	WNW	W	WNW	N	NW	SSE	W	W	WNW	W	NW	SE	SE	SSE	SSE	SSE	SE	SSE	NE	W
19	W	WNW	ESE	ESE	SSW	E	SSE	NW	ENE	NNW	W	WNW	WNW	WNW	N	WSW	WNW	WNW	SSE	WSW	NNE	WSW	SW	SW	WNW
20	ESE	WNW	NW	WSW	SSE	SSE	WSW	SW	SSE	W	WSW	W	NE	NNW	WSW	WSW	ESE	SE	W	W	WSW	SW	WSW	SSE	WSW
21	WSW	E	W	WSW	W	WSW	SW	W	WSW	SSW	NE	WNW	ESE	NE	NNW	E	SW	SSW	WNW	WSW	SW	SE	W	E	WSW
22	NW	W	W	WNW	W	W	W	SSE	SSW	SSW	SSW	SW	SW	SSW	SSW	S	S	S	S	SSE	S	S	S	S	S
23	SSW	SSW	S	SSE	S	S	S	WSW	W	WSW	ESE	NE	SE	S	W	WSW	ESE	S	W	WSW	WSW	W	W	W	W
24	WSW	WSW	W	SW	W	WNW	NE	NNE	NE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	ENE	NE
25	E	ESE	ESE	E	E	SE	ESE	SE	SE	WNW	WNW	WNW	NW	N	NW	NE	NW	WSW	WSW	ESE	SSE	SSE	S	SSE	ESE
26	S	SE	SE	ESE	ENE	SE	SE	ENE	NNE	E	E	NW	ENE	NNW	NW	WNW	W	WSW	S	ESE	WSW	SE	SE	W	SE
27	SE	S	ENE	SSE	ENE	NE	SE	SW	SE	WNW	NNW	WNW	NNE	NNE	NE	NW	WSW	ESE	WNW	WNW	NNE	WSW	WSW	WSW	[VA]
28	WSW	SE	SW	S	S	SSE	SSE	SE	SSW	SE	ENE	NE	N	ENE	NNW	NNE	E	ENE	N	SSE	WSW	SSW	WSW	S	SE
29	SE	SE	SE	SE	SW	N	ESE	SSE	ENE	E	NE	WNW	WNW	W	NE	NNW	NW	WSW	ESE	W	SE	WNW	NW	S	SE
30	SE	SSW	E	ESE	NE	E	ESE	SE	ENE	ENE	WNW	WNW	W	NW	NW	W	SW	SSE	E	SSE	SE	SW	SSW	E	E
31	SSW	SE	S	S	WNW	SSE	S	ESE	SSE	ENE	ENE	NNW	W	WNW	W	WNW	W	W	E	SW	SW	WSW	E	SSW	W
PV	WSW	ESE	SSE	S	SSW	SSE	SE	SSE	SE	E	WNW	WNW	W	WNW	NW	WNW	W	WSW	WNW	W	WSW	WSW	WSW	WSW	W

QHOUT -- 00004 <811027.1411>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JAN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-6	-7	-6	-6	-6	-6	-6	-7	-7	-6	-4	0	-1	-2	-4	-3	-2	-2	-3	-3	-3	-3	-4	-5	-4	0
2	-7	-8	-7	-8	-9	-9	-9	-9	-11	-11	-10	-10	-10	-10	-9	-9	-10	-10	-10	-10	-9	-7	-7	-7	-9	-7
3	-7	-7	-9	-11	-9	-9	-10	-9	-8	-8	-6	-5	-5	-6	-6	-7	-7	-6	-5	-6	-6	-6	-5	-5	-7	-5
4	-5	-5	-5	-5	-5	-5	-4	-5	-5	-3	-3	-2	-2	-2	-1	-2	-2	-3	-2	-2	-2	-2	-2	-1	-3	-1
5	-2	-2	-3	-1	-1	-2	-5	-6	-6	-6	-5	-4	-4	-3	-3	-2	-2	-2	-3	-3	-2	-2	1	-2	-3	1
6	-3	-2	-3	-3	-4	-5	-6	-7	-8	-9	-8	-8	-8	-8	-8	-9	-11	-11	-11	-12	-12	-13	-13	-14	-8	-2
7	-14	-15	-16	-17	-18	-19	-19	-18	-20	-16	-16	-15	-15	-14	-13	-13	-13	-14	-15	-15	-16	-17	-16	-16	-16	-13
8	-17	-17	-18	-17	-18	-19	-18	-18	-19	-18	-17	-15	-14	-13	-12	-12	-13	-13	-14	-13	-14	-14	-15	-14	-16	-12
9	-13	-15	-15	-15	-16	-15	-15	-16	-16	-15	-14	-12	-10	-9	-8	-9	-11	-12	-11	-12	-13	-12	-11	-11	-13	-8
10	-12	-13	-13	-12	-14	-14	-14	-14	-14	-12	-11	-9	-8	-7	-6	-5	-6	-8	-9	-10	-10	-10	-10	-10	-10	-5
11	-10	-10	-11	-11	-11	-12	-12	-11	-12	-12	-10	-8	-8	-7	-7	-7	-8	-8	-8	-8	-10	-6	-8	-6	-9	-6
12	-5	-7	-4	-7	-7	-7	-10	-12	-11	-11	-9	-6	-6	-5	-5	-4	-5	-5	-6	-7	-7	-8	-8	-6	-7	-4
13	-6	-5	-5	-5	-5	-5	-5	-5	-8	-5	-3	-1	0	1	2	3	2	0	0	-1	-2	-3	-3	-3	-3	3
14	-3	-4	-5	-4	-5	-6	-7	-6	-7	-7	-5	-4	-3	-2	0	0	-2	-3	-3	-3	0	3	-4	-4	-4	3
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16	-2	1	0	0	0	-1	0	-1	-1	1	2	4	5	6	6	6	6	4	3	4	3	3	3	3	2	6
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18	6	5	4	5	4	4	4	3	3	4	4	6	6	6	7	6	5	6	4	4	4	3	3	2	5	7
19	2	3	2	2	2	2	2	1	0	2	5	5	6	7	7	7	6	5	4	3	2	2	1	0	3	7
20	-2	-3	-2	-2	-1	-1	-1	-1	-2	0	2	2	3	3	3	2	2	1	0	-1	-1	-1	-1	0	0	3
21	1	1	2	2	2	2	2	1	1	1	2	-1	-2	-2	-1	0	-2	-1	0	-2	-2	-3	-3	-3	0	2
22	-4	-4	-5	-7	-7	-7	-6	-6	-6	-5	-4	-3	-2	-2	-2	-3	-5	-6	-6	-7	-7	-7	-6	-6	-5	-2
23	-6	-6	-6	-6	-6	-6	-6	-6	-6	-4	-1	0	-2	0	0	1	1	1	1	0	0	0	0	0	-2	1
24	-2	-4	-3	-2	-4	-5	-5	-6	-5	-4	-2	-2	-2	0	3	4	2	4	6	5	4	4	4	4	0	6
25	4	4	4	4	0	-1	-2	-1	-2	-2	-1	1	2	3	4	4	3	2	3	3	2	1	0	0	1	4
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29	-2	-3	-4	-3	-2	-2	-3	-3	-2	-2	-1	0	0	0	-1	-1	-2	-3	-3	-4	-4	-4	-4	-4	-2	0
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AV	-4	-4	-4	-4	-5	-5	-5	-5	-6	-5	-4	-3	-2	-1	-1	-1	-2	-2	-2	-3	-3	-3	-3	-3	-3	9
SD	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6 [ ]	

QHOUT -- QU000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-4	-4	-4	-5	-5	-5	-5	-5	-5	-4	-4	-2	-2	-1	-1	0	0	-2	-2	-4	-3	-5	-5	-6	-3	0
2	-6	-7	-7	-7	-8	-8	-7	-7	-8	-7	-5	-5	-4	-3	-3	-3	-3	-4	-3	-3	-4	-4	-4	-5	-5	-3
3	-4	-5	-5	-5	-5	-5	-4	-5	-4	-5	-4	-3	-3	-3	-3	-3	-6	-7	-10	-11	-11	-13	-14	-15	-6	-3
4	-15	-16	-17	-18	-18	-18	-18	-18	-18	-19	-18	-17	-16	-16	-15	-15	-16	-16	-18	-19	-19	-19	-20	-19	-17	-15
5	-19	-19	-20	-20	-20	-22	-22	-22	[RF]	-21	-19	-18	-16	-15	-14	-14	-15	-15	-16	-16	-16	-16	-18	-19	-18	-14
6	-18	-19	-18	-20	-21	-22	-22	-21	-21	-19	-17	-16	-14	-13	-12	-12	-12	-13	-14	-14	-15	-15	-15	-16	-17	-12
7	-17	-17	-17	-18	-18	-18	-18	-19	-19	-17	-14	-13	-11	-10	-9	-8	-8	-9	-10	-11	-10	-11	-12	-13	-14	-8
8	-13	-13	-13	-12	-13	-14	-12	-13	-12	-13	-10	-8	-6	-4	-3	-3	-4	-7	-9	-10	-10	-11	-11	-11	-10	-3
9	-12	-13	-13	-14	-14	-15	-15	-15	-15	-14	-12	-10	-9	-8	-8	-8	-8	-8	-8	-9	-9	-8	-7	-8	-11	-7
10	-10	-9	-9	-9	[RF]	[RF]	[RF]	-9	-8	-6	-5	-3	-1	-1	-1	0	-1	-2	-2	-3	-4	-4	-5	-6	-5	0
11	-7	-7	-7	-7	-8	-8	-7	-7	-6	-4	-4	-3	-2	-1	-1	0	1	1	-1	-1	-2	-3	-3	-4	-4	1
12	-4	-5	-5	-8	-6	-7	-8	-7	-7	-5	-3	-3	-1	0	1	1	1	0	0	-1	-2	-2	-3	-3	-3	1
13	-4	-4	-3	-4	-5	-6	-6	-7	-7	-5	-3	-1	0	1	1	1	1	1	1	3	2	1	0	1	-2	3
14	-1	-1	0	0	0	0	0	0	-1	-1	1	2	3	4	6	7	7	6	5	4	4	3	4	3	2	7
15	4	3	3	1	2	1	1	2	2	2	3	4	7	8	9	8	7	6	7	6	7	6	5	6	5	9
16	5	4	5	4	4	4	3	3	4	5	6	7	7	7	5	4	4	4	4	4	4	4	4	1	4	7
17	1	2	1	1	-1	-1	0	-1	-1	0	2	2	3	3	2	3	3	3	3	3	2	2	2	2	2	3
18	1	0	0	0	0	-1	0	-1	-1	0	2	3	4	4	6	6	6	6	5	5	3	3	2	1	2	6
19	1	1	0	-1	0	-1	-1	-2	-1	0	2	3	5	6	7	7	7	7	6	6	5	3	2	2	3	7
20	2	2	2	1	1	1	0	-1	0	3	4	6	7	7	8	9	9	8	8	8	6	5	4	4	4	9
21	4	3	3	2	2	1	1	2	1	3	6	6	8	8	10	11	11	11	8	8	8	8	6	6	6	11
22	5	4	3	6	7	7	6	5	5	5	7	9	10	11	12	13	13	12	11	11	10	9	9	10	8	13
23	9	10	10	9	9	9	7	6	5	6	8	11	11	10	11	11	11	11	10	8	8	7	6	5	9	11
24	5	3	2	0	0	-1	-2	-2	-1	0	2	3	4	5	6	6	6	6	5	5	4	4	3	2	3	6
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28	6	5	3	3	3	2	3	1	3	4	5	7	8	10	11	12	12	11	10	9	8	7	8	7	7	12
AV	-3	-3	-4	-4	-4	-5	-5	-5	-4	-4	-2	-1	1	1	2	2	2	1	0	0	-1	-1	-2	-2	-2	13
SD	8	8	8	8	8	9	8	8	7	8	8	8	8	8	8	8	8	8	8	9	8	8	8	8	8	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, N139
BONANZA, UTAH
SITE 4

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8	7	6	6	7	7	7	6	7	8	11	10	10	11	11	10	10	9	9	9	7	7	6	6	8	11
2	6	5	5	6	6	6	6	5	6	7	9	9	9	10	10	10	8	6	3	2	2	2	1	1	6	10
3	0	0	0	0	0	0	0	0	1	1	0	2	1	2	3	3	4	4	1	0	-1	-1	-1	0	1	4
4	0	-1	-1	-1	-2	-2	-2	-3	-3	-1	0	2	2	2	2	2	2	1	1	0	0	0	-2	-1	0	2
5	-1	-2	-2	-2	-3	-3	-4	-3	-3	-2	-1	0	1	2	2	2	1	1	1	0	0	-2	-2	-2	-1	2
6	-1	-1	-1	-3	-4	-4	-5	-4	-3	-2	0	1	2	2	3	4	4	4	3	2	1	1	1	1	0	4
7	1	1	0	-1	0	1	1	0	2	1	2	2	3	6	8	9	10	9	7	6	6	5	5	5	4	10
8	3	3	4	5	3	3	2	1	2	2	3	4	4	7	9	9	9	9	8	7	7	6	7	6	5	9
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14	3	4	3	4	3	2	2	2	3	4	5	7	9	10	10	9	9	9	9	8	7	6	6	6	6	10
15	7	7	5	4	4	3	4	4	5	6	6	7	8	7	7	7	7	8	7	5	4	4	4	4	6	8
16	4	4	4	4	3	3	3	4	5	6	6	7	8	7	7	8	7	6	4	3	2	1	1	2	5	8
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18	5	5	6	7	7	6	6	7	8	11	12	13	13	13	14	13	13	10	6	2	0	-1	0	-1	7	14
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20	-1	-1	-1	-1	-2	-2	-2	-1	0	0	1	1	3	3	3	3	3	4	2	2	0	0	-1	-1	1	4
21	-2	-2	-3	-3	-3	-4	-5	-4	-3	-2	-1	1	2	4	4	5	4	2	1	1	0	0	0	-1	0	5
22	0	-1	-1	-3	-4	-4	-5	-4	-2	0	2	3	4	5	7	7	7	7	5	4	3	2	2	1	1	7
23	1	-1	-1	-1	-1	-1	-1	-1	0	1	3	4	5	7	7	8	9	8	7	6	5	4	3	2	3	9
24	2	1	1	1	1	1	2	1	4	6	7	9	9	11	11	12	12	13	11	9	9	7	4	2	6	13
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26	10	9	9	8	7	6	6	5	6	8	7	5	7	7	6	7	7	7	6	5	5	4	5	4	7	10
27	4	4	4	4	4	4	4	5	4	5	7	8	9	10	10	10	10	10	9	9	8	7	7	7	7	10
28	7	6	6	7	6	7	7	7	8	9	10	11	12	12	13	13	13	13	12	10	10	10	9	9	9	13
29	8	8	7	7	7	6	6	4	2	1	2	1	4	3	1	-1	2	3	2	1	1	1	0	0	3	8
30	-1	-1	-1	-1	-1	0	0	-1	1	2	2	3	3	3	3	3	4	4	4	3	1	1	1	1	1	4
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

APR, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

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DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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QHOUT -- QU000 <811111.1807>

TEMPERATURE [CC;03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

NOV, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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3	0	0	-1	-1	-1	-1	-1	-1	-2	-1	0	2	3	5	6	6	6	5	3	4	4	2	1	2	2	6
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27	-4	-5	-4	-6	-6	-6	-7	-7	-7	-5	-4	-2	-1	0	1	1	0	-1	-1	-1	-2	-3	-3	-3	-3	1
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30	4	4	3	4	1	-1	-2	2	4	5	5	6	7	7	7	6	5	6	6	5	5	5	4	4	4	7
AV	0	0	0	-1	-1	-1	-2	-2	-1	0	1	2	2	3	4	4	4	3	2	2	2	2	1	1	1	12
SD	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	3	2	2	2	2	1	1	1	2	3	3	2	3	3	2	1	1	1	1	0	0	0	0	2	4
2	-1	-1	-1	-1	-1	-1	-1	0	0	1	1	2	2	3	3	3	3	2	1	1	0	0	0	0	1	3
3	-1	-1	-1	-2	-3	-3	-4	-4	-4	-2	-1	0	1	2	2	2	1	0	0	-1	-1	-1	-1	-2	-1	2
4	-2	-3	-3	-3	-5	-4	-5	-4	-6	-4	-3	-2	-1	1	2	2	2	0	0	0	0	-1	-1	-1	-2	2
5	-1	-1	-3	-3	-2	-2	-2	-3	-3	-3	-2	-1	0	1	2	2	1	1	0	0	0	0	0	-1	-1	2
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7	-1	-2	-2	-3	-3	-3	-3	-3	-4	-3	-3	-2	-2	-2	-1	0	0	-1	-2	-2	-3	-3	-4	-4	-2	0
8	-5	-6	-6	-6	-6	-7	-7	-7	-7	-7	-6	-5	-4	-3	-3	-2	-3	-4	-4	-5	-5	-5	-5	-6	-5	-2
9	-6	-6	-6	-5	-5	-5	-5	-5	-4	-4	-3	-3	-2	-2	-2	-2	-1	-2	-2	-4	-4	-4	-4	-4	-4	-1
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13	-3	-4	-3	-3	-3	-3	-4	-4	-4	-4	-3	-3	-3	-3	-3	-3	-3	-4	-4	-3	-1	-2	-1	-1	-3	-1
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19	-4	-4	-4	-4	-4	-6	-5	-5	-7	-6	-5	-3	-2	-1	0	1	0	-2	-1	-1	-2	-4	-4	-4	-3	1
20	-4	-5	-5	-5	-5	-6	-6	-8	-7	-6	-6	-4	-2	-1	-1	0	-1	-1	-1	-2	-3	-4	-4	-5	-4	0
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22	-1	-2	-3	-3	-3	-3	-2	-3	4	4	5	6	7	7	7	7	6	5	5	4	5	5	5	5	3	7
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24	-3	-3	-3	-4	-4	-4	-3	-3	-4	-4	-3	-3	-3	-3	-3	-3	-3	-4	-4	-4	-5	-5	-5	-6	-4	-3
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31	-15	-15	-15	-15	-15	-16	-16	-17	-16	-17	-15	-12	-12	-11	-10	-10	-11	-11	-12	-13	-13	-13	-13	-13	-14	-10
AV	-4	-5	-5	-5	-5	-6	-6	-6	-6	-5	-4	-3	-3	-2	-1	-1	-2	-3	-3	-3	-4	-4	-4	-5	-4	7
SD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA THETA [LC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JAN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13	7	10	10	11	13	14	9	9	13	15	14	13	8	15	9	8	13	23	11	13	9	7	9	12	23
2	11	10	11	15	26	16	10	11	17	13	10	14	11	10	8	8	8	5	11	13	11	16	15	13	12	26
3	15	14	16	17	16	18	15	19	18	18	14	9	9	16	13	9	8	10	16	12	14	18	19	20	15	20
4	19	21	27	21	31	29	29	24	23	25	25	22	23	22	21	25	22	24	27	24	20	20	24	22	24	31
5	19	20	16	18	20	18	13	11	18	13	12	9	9	16	13	13	8	6	8	9	10	14	20	15	14	20
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23	21	19	20	16	20	19	16	16	13	18	20	19	12	10	17	25	14	18	19	20	22	25	30	16	19	30
24	8	11	11	9	9	11	12	13	12	12	13	15	10	12	13	14	15	13	15	24	20	19	19	12	13	24
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AV	14	14	15	14	15	15	15	14	15	15	15	15	14	14	15	14	12	11	14	14	14	14	15	14	14	31
SD	5	5	5	6	6	5	5	4	5	6	5	4	5	5	4	5	5	6	6	5	5	6	6	6	5	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	13	14	7	8	8	10	7	9	10	11	12	13	20	18	19	15	9	12	11	9	6	11	20
2	9	6	6	8	12	14	9	10	11	11	11	17	22	18	17	18	11	8	12	16	16	20	20	22	14	22
3	21	19	25	30	36	27	26	22	24	29	26	32	24	19	16	17	9	6	6	6	9	7	8	8	19	36
4	8	6	10	6	7	10	7	9	8	11	11	17	16	13	12	11	8	7	6	6	7	7	6	10	9	17
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23	25	26	26	23	21	21	12	7	16	20	23	13	10	8	8	8	8	8	12	11	10	8	11	14	15	26
24	15	14	11	10	12	13	9	11	17	12	14	16	15	17	18	18	17	11	8	12	7	6	4	7	12	18
25	13	12	16	14	9	9	12	12	13	13	10	13	14	16	18	18	17	14	8	7	8	4	10	8	12	18
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AV	12	12	13	13	13	13	12	12	13	13	14	15	15	14	14	15	13	11	9	10	11	11	12	11	13	36
SD	5	4	4	5	5	4	4	4	4	5	4	4	4	3	4	4	4	3	4	5	5	5	4	5	5 [ ]	

QHOUT -- QUOOO <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	16	15	15	19	18	13	12	17	29	25	22	19	24	27	26	21	20	20	21	24	18	21	22	21	20	29
2	19	20	21	18	9	11	24	26	28	18	17	13	17	14	19	12	13	14	10	6	10	8	11	12	15	28
3	7	15	7	8	10	10	7	6	10	12	13	11	10	9	11	12	13	14	14	16	14	18	9	10	11	18
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11	9	15	20	19	20	18	18	15	14	16	19	20	24	21	22	22	20	20	22	20	19	23	22	23	19	24
12	22	20	18	10	7	8	8	9	9	9	9	10	10	10	10	10	10	12	11	14	13	9	6	6	11	22
13	7	9	10	13	9	4	15	8	13	15	15	19	19	18	18	17	15	14	14	6	8	13	16	13	13	19
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31	17	14	14	14	13	12	6	10	12	14	21	25	26	25	20	20	21	26	29	28	28	26	15	15	19	29
AV	14	15	15	15	15	14	13	13	14	15	15	16	16	16	16	15	16	15	14	14	14	14	13	14	15	30
SD	5	5	5	5	6	5	5	5	6	5	4	5	6	6	6	5	6	6	7	7	5	7	5	5	6	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

APR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	10	8	8	8	8	8	8	8	9	9	10	10	9	9	10	10	9	9	8	10	8	9	7	15	9	15
3	16	16	22	22	21	24	25	19	17	16	10	12	16	18	20	12	9	8	10	19	21	23	20	21	17	25
4	22	20	19	20	21	8	16	14	20	16	11	10	10	9	9	9	9	9	9	9	8	8	8	9	13	22
5	10	15	8	13	19	17	15	10	11	20	19	23	23	28	24	23	21	20	11	10	8	10	6	9	16	28
6	9	11	7	6	9	12	15	13	18	16	13	[MT]	15	12	12	13	21	22	22	11	11	14	14	14	13	22
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23	20	15	7	8	17	21	19	19	17	22	21	19	15	15	19	17	24	20	24	20	21	17	19	19	18	24
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27	14	12	18	13	6	10	17	19	19	19	[MT]	[MT]	[MT]	19	19	19	18	15	7	7	10	12	12	9	14	19
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AV	14	14	14	14	14	13	14	14	15	16	16	17	17	17	16	15	15	15	13	12	12	12	13	14	14	35
SD	5	5	6	6	6	6	5	5	4	4	5	6	5	6	5	5	6	5	5	4	5	5	5	5	5	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

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2	15	18	14	8	6	11	13	13	18	15	16	16	13	10	16	19	16	20	19	14	16	18	16	11	15	20
3	14	19	22	25	20	19	21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	20	25
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	13	11	11	12	11	10	8	8	12	11	7	7	10	13
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10	18	16	18	14	20	18	22	22	16	25	[PF]	[PF]	14	16	14	11	10	10	10	12	13	8	8	11	15	25
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21	11	8	10	11	12	12	17	17	15	17	19	22	24	29	23	27	32	22	9	6	8	10	12	13	16	32
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31	11	8	15	18	16	13	9	20	17	14	18	23	21	22	21	19	20	17	10	6	6	12	13	17	15	23
AV	14	13	14	13	15	14	15	15	16	18	19	19	18	18	18	18	17	16	13	13	13	13	14	15	15	35
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QHOUT -- 00000 <811111.1807>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	23	29	10	7	18	22	17	10	17	28	21	16	19	15	14	19	15	12	11	15	13	8	25	39	18	39
3	28	19	25	6	11	13	13	14	16	25	23	19	30	17	19	20	19	19	31	26	11	24	12	26	19	31
4	33	10	14	20	29	23	25	27	33	29	31	30	29	25	15	12	12	9	9	9	7	9	7	7	19	33
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AV	16	15	15	14	15	15	17	17	19	20	21	21	23	21	20	19	18	16	16	15	13	13	15	15	17	39
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WHOUT -- 00000 <811111.1807>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUL, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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15	12	10	10	14	13	15	12	14	21	18	18	19	19	16	16	13	15	17	16	21	22	19	20	19	16	22
16	21	22	22	22	22	21	21	21	18	16	11	21	21	15	17	[SA]	[SA]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	19	22
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18	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
19	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	12	25	25	26	25	23	22	21	16	19	13	11	8	5	8	17	26
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22	7	11	14	16	17	18	17	19	18	19	19	23	24	24	20	16	20	15	17	11	11	13	14	15	17	24
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31	14	14	15	15	17	18	15	17	18	13	22	24	23	22	19	21	17	18	16	10	12	7	5	7	16	24
AV	13	15	14	15	16	16	15	15	16	17	19	20	20	20	19	18	18	17	15	14	13	14	14	13	16	28
SD	4	5	5	4	4	4	4	3	4	4	4	3	3	4	4	3	3	3	4	4	4	4	5	4	4	[ ]

OHOUT -- 00000 <811111.1807>

SIGMA THETA [DEG]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

AUG, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	19	11	9	12	19	18	18	19	28	20	17	16	25	26	22	21	10	9	7	8	11	14	15	16	16	28
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27	8	5	10	19	12	15	8	12	12	17	24	24	22	17	14	21	21	18	22	22	24	17	15	22	17	24
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30	15	16	9	11	12	16	22	14	23	22	22	19	12	12	12	16	10	11	7	6	22	23	18	11	15	23
31	10	10	10	10	16	14	12	16	20	21	13	15	15	20	21	14	11	13	13	13	17	18	18	7	14	21
AV	16	16	15	15	16	16	16	16	18	18	19	20	20	20	19	19	18	17	16	15	15	16	15	15	17	39
SD	5	5	5	5	4	3	5	4	5	4	4	4	4	5	6	4	5	4	6	5	5	5	5	5	5	[ ]

UNOUT -- 00000 <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	12	15	7	8	9	11	11	14	11	14	19	19	18	18	11	14	10	12	13	7	10	5	8	11	12	19
3	15	16	16	14	12	10	11	15	15	18	20	17	18	17	19	20	13	14	8	7	15	11	12	16	15	20
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7	9	16	14	13	17	13	14	10	10	15	16	19	19	20	21	21	21	22	13	11	7	13	14	9	15	22
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22	20	21	21	26	19	16	14	9	15	23	25	25	27	16	19	12	10	9	13	17	19	20	20	15	18	27
23	13	10	11	14	14	14	8	9	12	12	23	24	23	20	17	13	13	15	10	12	21	10	13	16	14	24
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AV	13	14	14	14	14	14	14	14	15	16	18	20	19	18	18	17	16	14	13	13	15	14	13	13	15	30
SD	4	4	4	4	4	5	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4	5	[ ]

QNOUT -- 00000 <811111.1807>

SIGMA THETA [CC120]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

OCT, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	17	18	24	33	19	13	12	13	18	18	16	14	13	16	16	16	14	13	9	9	11	11	16	16	16	33
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5	15	9	11	8	9	16	15	11	12	12	11	12	8	10	15	15	9	11	16	17	12	18	18	16	13	18
6	18	19	18	17	17	17	17	16	17	15	18	17	16	15	16	20	17	14	7	8	8	11	11	11	15	20
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AV	14	13	13	14	13	13	13	13	14	15	15	16	16	17	17	16	13	12	11	11	12	13	13	13	14	33
SD	4	4	4	5	3	3	3	4	3	3	3	3	4	4	4	4	4	4	4	5	4	4	4	3	4	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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9	10	10	11	11	8	9	10	11	12	10	11	12	13	13	13	12	[SA]	11	10	8	11	17	14	10	11	17
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13	23	13	17	24	20	16	13	10	12	12	14	14	11	10	9	9	9	9	12	8	6	12	11	8	13	24
14	7	13	11	10	15	12	10	14	12	14	16	16	17	19	17	11	19	9	9	8	8	7	12	15	13	19
15	15	9	11	12	11	11	11	9	13	14	14	13	17	17	21	21	15	7	6	6	9	10	8	9	12	21
16	9	18	13	11	8	11	11	8	12	13	14	16	17	17	18	9	6	6	6	10	11	11	12	16	12	18
17	11	11	12	10	11	9	9	6	7	12	11	12	13	14	17	12	12	6	14	14	10	10	11	10	11	17
18	14	11	9	11	12	11	11	11	13	13	13	11	11	12	12	26	32	26	22	22	24	21	22	22	16	32
19	21	28	25	24	18	19	23	27	28	26	12	8	16	13	10	15	10	11	13	10	16	14	15	16	17	28
20	19	16	16	16	17	16	8	8	12	9	12	14	14	13	14	11	10	11	11	17	24	17	17	14	14	24
21	20	19	16	16	13	17	26	23	24	14	10	10	14	14	11	10	9	6	10	12	17	22	20	18	15	26
22	10	17	12	12	9	13	11	11	13	12	11	11	11	13	15	13	14	12	14	13	9	13	16	12	12	17
23	12	10	12	10	13	8	6	6	10	11	16	17	18	18	17	11	10	9	8	4	7	9	9	12	11	18
24	10	10	12	8	9	10	11	11	10	10	14	14	12	14	14	13	12	10	10	8	11	6	5	6	10	14
25	7	7	9	8	9	12	10	10	10	13	13	13	20	16	17	18	16	10	10	10	7	7	9	10	11	20
26	11	11	15	11	7	10	11	11	11	12	13	13	13	16	13	11	14	14	9	10	10	8	8	12	11	16
27	14	9	6	11	12	10	10	12	11	12	18	16	18	20	16	14	9	6	10	7	7	11	9	9	12	20
28	7	13	11	10	9	8	10	12	12	12	12	12	11	10	11	10	7	5	7	8	7	10	10	10	10	13
29	10	11	12	9	10	10	10	9	7	10	11	10	11	8	12	12	12	8	17	19	20	19	24	25	13	25
30	27	17	18	18	13	12	10	15	20	23	26	30	32	39	37	36	34	32	30	23	19	21	21	22	24	39
AV	13	14	13	13	12	12	12	12	13	14	14	14	15	16	16	14	13	10	11	11	12	13	13	13	13	39
SD	5	5	5	5	5	5	5	5	6	5	5	5	5	6	5	6	7	6	5	5	5	4	5	5	5	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	22	26	21	19	20	28	24	29	33	27	25	22	21	21	18	15	16	18	17	19	15	13	10	14	21	33
2	17	21	25	23	25	25	24	26	21	12	9	9	9	10	11	11	9	7	9	9	9	11	9	11	15	26
3	15	13	13	12	14	12	11	10	13	12	17	19	18	13	12	13	9	7	7	6	5	8	8	10	12	19
4	11	8	8	10	10	9	8	10	11	13	12	13	13	13	13	12	10	7	8	7	10	13	12	10	10	13
5	10	6	10	8	8	13	14	13	11	10	10	11	15	11	10	12	10	12	10	8	10	13	11	11	11	15
6	15	9	8	7	10	13	9	9	15	14	18	15	12	11	11	10	8	12	6	4	5	5	6	6	10	18
7	13	10	12	7	8	6	9	10	11	14	12	10	7	7	10	10	9	6	6	7	6	9	9	9	9	14
8	9	10	9	8	8	8	8	8	9	11	12	12	14	19	21	13	11	6	13	11	5	7	9	10	10	21
9	9	12	8	12	10	11	11	11	12	13	17	20	21	18	15	15	12	8	8	9	7	6	8	9	12	21
10	9	10	7	13	12	8	9	10	12	10	10	10	11	11	12	11	9	7	3	4	7	5	3	7	9	13
11	10	9	13	10	6	10	13	11	15	13	11	11	16	14	13	13	9	4	7	7	7	8	6	7	10	16
12	11	9	9	14	14	14	14	7	14	18	15	15	18	15	18	13	13	11	5	8	9	10	9	7	12	18
13	9	9	9	12	14	11	9	9	8	11	11	14	12	12	8	7	8	7	9	11	11	12	12	9	10	14
14	6	7	7	7	10	7	11	7	7	10	15	13	15	17	13	13	8	9	9	12	13	11	13	13	11	17
15	13	11	9	9	12	11	9	9	8	11	11	16	13	12	10	10	8	9	13	14	11	11	13	6	11	16
16	7	11	8	11	10	10	11	12	11	11	11	12	12	11	10	9	10	10	11	12	11	10	9	11	10	12
17	15	11	11	12	12	12	8	13	13	11	13	9	10	10	11	9	12	10	12	12	11	12	11	9	11	15
18	10	13	10	10	9	15	9	8	10	11	13	13	11	10	9	9	11	5	6	8	10	10	10	10	10	15
19	9	11	12	7	12	7	7	7	8	11	13	13	15	14	13	13	12	12	12	13	10	9	10	9	11	15
20	9	8	11	9	12	9	9	12	8	10	10	13	13	14	15	23	11	18	17	11	9	11	12	11	12	23
21	18	24	10	7	8	10	12	11	11	15	22	21	13	18	21	14	24	12	16	12	16	15	17	15	15	24
22	22	18	16	14	8	6	28	26	26	25	29	20	20	20	23	23	29	23	15	20	19	25	36	31	22	36
23	28	25	21	25	42	49	44	28	9	11	18	15	25	29	14	9	9	8	15	13	8	8	8	7	20	49
24	6	5	17	16	12	11	12	10	12	12	11	10	8	10	10	8	8	11	9	8	8	14	8	8	10	17
25	8	7	8	8	8	12	9	8	18	21	12	29	17	16	21	24	14	8	13	11	14	8	12	16	13	29
26	19	21	8	28	45	18	30	39	24	15	18	22	20	20	15	14	10	5	5	11	9	19	19	13	19	45
27	14	17	20	21	25	37	19	30	29	19	24	18	23	22	27	13	9	14	21	15	9	8	4	4	18	37
28	6	15	8	8	10	8	10	9	19	25	22	19	26	19	16	13	21	12	16	13	10	7	11	8	14	26
29	10	16	20	15	19	21	12	17	17	20	13	16	18	18	36	30	13	7	10	13	8	9	15	10	16	36
30	10	16	26	20	24	11	25	26	18	10	15	14	12	15	15	14	14	14	10	11	8	9	23	17	16	26
31	20	15	23	33	16	20	13	22	24	25	23	15	14	20	16	12	7	5	7	14	27	11	12	28	18	33
AV	13	13	13	13	15	14	14	15	15	15	15	15	15	15	15	13	12	10	10	11	10	11	11	11	13	49
SD	5	6	6	7	9	9	8	9	7	5	5	5	5	5	6	5	5	4	4	4	4	4	6	6	6	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JAN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.08	.04	.03	.04	.04	.04	.05	.06	.06	.13	.19	.28	.47	.43	.38	.44	.63	.52	.28	.15	.22	.12	.16	.13	.21	.63
2	.25	.14	.15	.68	.87	.66	.58	.35	.08	.08	.19	.18	.24	.29	.19	.12	.09	.06	.06	.09	.18	.42	.22	.22	.27	.87
3	.27	.24	.12	.07	.19	.21	.16	.17	.15	.11	.37	.52	.50	.24	.15	.06	.04	.03	.28	.25	.70	.90	1.03	.97	.32	1.03
4	.88	.94	.99	.64	.92	.92	.96	.76	.65	.55	.82	.86	.85	.87	.74	.82	.80	.95	.89	.69	.52	.61	.54	.75	.79	.99
5	.52	.30	.08	.57	.84	.56	.13	.10	.04	.03	.07	.20	.26	.22	.17	.13	.10	.04	.02	.04	.04	.11	.54	.48	.23	.84
6	.21	.59	.62	.46	.48	.49	.42	.48	.45	.50	.56	.58	.47	.33	.31	.26	.22	.12	.12	.16	.14	.15	.05	.05	.34	.62
7	.06	.07	.05	.06	.05	.05	.10	.12	.12	.24	.26	.21	.28	.28	.25	.21	.12	.05	.07	.09	.05	.04	.12	.14	.13	.28
8	.06	.14	.15	.17	.19	.13	.17	.16	.10	.14	.21	.28	.26	.29	.29	.27	.12	.07	.06	.06	.06	.07	.05	.05	.15	.29
9	.06	.07	.10	.09	.06	.06	.05	.05	.06	.15	.23	.27	.30	.25	.25	.23	.17	.07	.07	.05	.07	.06	.09	.07	.12	.30
10	.06	.08	.11	.10	.08	.08	.07	.06	.06	.12	.17	.26	.27	.24	.25	.16	.08	.04	.07	.04	.05	.09	.07	.08	.11	.27
11	.13	.10	.07	.03	.03	.03	.06	.04	.06	.11	.16	.18	.20	.13	.15	.13	.08	.07	.18	.12	.07	.19	.13	.20	.11	.20
12	.18	.15	.10	.11	.12	.22	.09	.06	.11	.13	.19	.17	.23	.26	.20	.18	.03	.01	.01	.01	.05	.05	.18	.12	.12	.26
13	.17	.31	.36	.27	.28	.27	.23	.21	.21	.23	.31	.35	.34	.36	.39	.28	.13	.02	.10	.32	.47	.62	.32	.10	.28	.62
14	.07	.22	.18	.19	.19	.32	.16	.16	.05	.04	.11	.18	.22	.21	.23	.24	.18	.08	.07	.05	.34	.69	.20	.18	.19	.69
15	.22	.26	.20	.12	.11	.10	.17	.21	.51	.62	.70	.53	.48	.39	.27	.31	.25	.03	.02	.10	.08	.07	.18	.47	.27	.70
16	.27	.45	.47	.54	.36	.21	.13	.11	.23	.40	.52	.54	.52	.44	.37	.46	.50	.54	.75	.82	.82	.75	.73	.68	.48	.82
17	.52	.52	.55	.50	.64	.63	.67	.72	.77	.84	.38	.61	.46	.22	.19	.20	.60	.64	.72	.91	.96	.94	.92	.83	.62	.96
18	.67	.60	.84	.92	.71	.64	.20	.07	.16	.27	.42	.66	.83	.68	.45	.68	.82	.64	.37	.38	.39	.15	.43	.48	.52	.92
19	.62	.78	.83	.81	.71	.70	.57	.18	.39	.54	.54	.84	.85	.82	.78	.74	.74	.70	.46	.41	.72	.44	.13	.08	.60	.85
20	.03	.10	.05	.11	.21	.56	.72	.69	.71	.68	.72	.65	.79	.90	.95	.89	.90	.83	.64	.59	.45	.11	.09	.39	.53	.95
21	.79	.86	.91	1.01	1.00	.99	1.04	1.06	1.09	1.07	1.02	.51	.33	.55	.71	.64	.64	.79	.84	.47	.16	.19	.30	.32	.72	1.09
22	.41	.43	.17	.11	.21	.45	.49	.40	.36	.36	.40	.45	.62	.67	.73	.82	.75	.66	.63	.50	.31	.56	.68	.77	.50	.82
23	.79	.79	.83	.71	.86	.87	.64	.32	.18	.37	.51	.67	.33	.29	.24	.23	.21	.61	.56	.36	.50	.68	.48	.25	.51	.87
24	.10	.10	.13	.08	.12	.10	.19	.19	.14	.13	.13	.24	.32	.33	.20	.20	.18	.17	.16	.22	.12	.10	.08	.07	.16	.33
25	.06	.21	.39	.29	.10	.06	.06	.14	.14	.13	.14	.21	.27	.33	.30	.26	.12	.04	.08	.10	.03	.10	.09	.05	.15	.39
26	.06	.09	.07	.05	.07	.07	.06	.05	.04	.08	.20	.24	.31	.36	.31	.27	.57	.25	.52	.36	.29	.19	.22	.62	.22	.62
27	.80	.81	.78	.82	.86	.86	.79	.86	.78	.65	.43	.38	.36	.28	.36	.29	.19	.10	.03	.05	.24	.42	.46	.20	.49	.86
28	.12	.11	.06	.05	.04	.08	.08	.06	.05	.19	.29	.27	.32	.31	.31	.32	.15	.06	.05	.10	.13	.10	.06	.05	.14	.32
29	.11	.05	.07	.05	.05	.05	.10	.08	.07	.07	.15	.28	.37	[CA]	.13	.13	.12	.12	.06	.14	.13	.09	.06	.08	.11	.37
30	.05	.12	.15	.14	.16	.14	.17	.19	.17	.09	.13	.13	.12	.15	.08	.14	.08	.06	.04	.04	.08	.05	.09	.14	.11	.19
31	.05	.04	.04	.08	.10	.16	.08	.14	.12	.13	.15	.13	.14	.11	.14	.18	.23	.30	.38	.35	.17	.08	.12	.05	.14	.38
AV	.28	.31	.31	.32	.34	.35	.30	.27	.26	.30	.34	.38	.40	.37	.34	.33	.32	.28	.28	.26	.28	.29	.28	.29	.31	1.09
SD	.27	.28	.31	.31	.33	.31	.29	.27	.28	.26	.23	.21	.20	.21	.22	.23	.28	.30	.28	.24	.25	.28	.27	.27	.27	[ ]

QHOUT -- 00000 (811111.1807)

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.09	.04	.13	.13	.07	.04	.03	.03	.03	.09	.13	.11	.15	.15	.20	.18	.12	.08	.06	.13	.16	.16	.20	.06	.11	.20
2	.02	.07	.10	.13	.10	.05	.05	.04	.04	.07	.13	.11	.15	.14	.15	.09	.09	.13	.21	.33	.26	.46	.52	.50	.16	.52
3	.48	.41	.28	.47	.40	.31	.34	.36	.35	.23	.24	.26	.20	.13	.15	.19	.13	.15	.16	.21	.27	.28	.31	.33	.28	.48
4	.24	.13	.12	.16	.10	.09	.14	.12	.10	.15	.19	.21	.22	.17	.20	.20	.22	.22	.15	.18	.18	.14	.16	.25	.17	.25
5	.26	.23	.30	.27	.16	.09	.08	.09	.08	.10	.13	.19	.22	.23	.19	.20	.07	.08	.05	.04	.04	.05	.05	.13	.14	.30
6	.17	.08	.10	.07	.07	.09	.06	.06	.17	.11	.16	.19	.19	.17	.18	.20	.18	.09	.06	.04	.04	.05	.36	.04	.12	.36
7	.04	.05	.05	.06	.05	.12	.08	.06	.06	.08	.12	.15	.22	.19	.19	.17	.09	.04	.07	.08	.04	.04	.05	.07	.09	.22
8	.09	.05	.06	.05	.13	.05	.06	.12	.17	.13	.11	.13	.16	.20	.18	.16	.24	.29	.18	.17	.17	.22	.31	.30	.16	.31
9	.18	.08	.07	.04	.10	.07	.07	.06	.05	.08	.13	.17	.23	.20	.15	.10	.14	.13	.05	.10	.07	.07	.08	.11	.11	.23
10	.08	.08	.07	.04	.10	.15	.11	.06	.08	.07	.17	.17	.23	.25	.23	.23	.18	.15	.06	.06	.13	.13	.12	.04	.12	.25
11	.15	.09	.18	.11	.11	.05	.12	.14	.12	.16	.14	.18	.21	.19	.19	.14	.05	.04	.10	.20	.19	.13	.09	.17	.14	.21
12	.18	.35	.21	.09	.08	.04	.10	.16	.12	.17	.19	.23	.25	.22	.22	.21	.21	.12	.09	.06	.07	.09	.11	.07	.15	.35
13	.08	.10	.07	.08	.10	.09	.06	.07	.07	.09	.13	.19	.22	.19	.18	.16	.17	.12	.19	.33	.21	.12	.14	.12	.14	.33
14	.16	.13	.17	.03	.09	.25	.16	.16	.15	.16	.11	.14	.19	.19	.19	.19	.19	.13	.13	.13	.20	.15	.23	.24	.16	.25
15	.57	.17	.37	.16	.12	.20	.20	.18	.13	.13	.14	.15	.17	.22	.27	.23	.20	.19	.32	.43	.35	.25	.25	.39	.24	.57
16	.15	.20	.33	.21	.17	.10	.16	.13	.29	.20	.31	.32	.21	.25	.27	.14	.10	.10	.23	.10	.09	.16	.39	.11	.20	.39
17	.08	.15	.07	.14	.10	.08	.36	.09	.24	.10	.16	.19	.24	.21	.21	.10	.08	.04	.02	.06	.04	.03	.03	.02	.12	.36
18	.06	.03	.04	.03	.03	.04	.03	.03	.04	.03	.11	.18	.30	.25	.20	.17	.22	.17	.10	.10	.07	.05	.09	.19	.11	.30
19	.18	.16	.04	.20	.17	.04	.05	.08	.08	.13	.13	.18	.22	.21	.17	.14	.11	.07	.06	.18	.21	.12	.08	.09	.13	.22
20	.12	.20	.11	.13	.07	.06	.06	.07	.20	.19	.15	.21	.22	.23	.22	.15	.13	.12	.13	.10	.15	.07	.15	.12	.14	.23
21	.08	.13	.04	.06	.08	.11	.09	.08	.06	.11	.17	.25	.22	.23	.20	.26	.17	.15	.16	.10	.07	.05	.17	.15	.13	.26
22	.08	.10	.11	.36	.39	.39	.30	.21	.10	.13	.19	.23	.25	.26	.27	.23	.19	.14	.27	.30	.43	.57	.51	.69	.28	.69
23	.89	.90	.84	.78	.79	.64	.54	.56	.50	.41	.61	.60	.51	.53	.59	.79	.81	.54	.27	.27	.22	.20	.16	.21	.55	.90
24	.21	.12	.31	.27	.35	.22	.15	.28	.29	.21	.24	.23	.26	.25	.20	.16	.18	.13	.12	.13	.13	.20	.32	.29	.22	.35
25	.25	.28	.20	.14	.17	.19	.20	.16	.20	.21	.23	.25	.24	.25	.27	.22	.22	.19	.17	.14	.24	.23	.29	.24	.22	.29
26	.25	.28	.23	.08	.21	.22	.22	.26	.22	.17	.22	.24	.26	.22	.22	.20	.35	.28	.39	.40	.35	.39	.32	.24	.26	.40
27	.17	.16	.09	.15	.18	.31	.42	.46	.45	.26	.22	.23	.30	.34	.33	.30	.32	.29	.30	.45	.27	.30	.25	.19	.28	.46
28	.23	.21	.21	.15	.16	.20	.27	.25	.20	.23	.28	.28	.28	.35	.39	.30	.22	.17	.29	.32	.43	.57	.53	.51	.29	.57
AV	.20	.18	.18	.16	.17	.15	.16	.16	.16	.15	.19	.21	.23	.23	.23	.21	.19	.16	.16	.18	.18	.19	.22	.21	.19	.90
SD	.18	.17	.16	.16	.15	.14	.13	.13	.12	.08	.10	.09	.07	.08	.09	.13	.14	.10	.10	.12	.11	.15	.15	.16	.13	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA U [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAR. 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.40	.24	.32	.39	.45	.55	.48	.52	.51	.44	.66	.68	.75	.88	.84	.76	.76	.87	.85	.87	.73	.80	.78	.74	.64	.88
2	.72	.58	.46	.40	.27	.33	.37	.23	.37	.50	.77	.81	.85	.82	.77	.62	.67	.61	.59	.40	.20	.35	.21	.24	.51	.85
3	.04	.03	.02	.03	.02	.02	.03	.03	.02	.04	.05	.04	.05	.14	.25	.26	.18	.14	.29	.31	.03	.03	.03	.03	.09	.31
4	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.17	.22	.40	.33	.34	.34	.29	.20	.24	.21	.09	.03	.03	.03	.13	.40
5	.02	.02	.03	.03	.03	.03	.03	.03	.02	.09	.23	.35	.32	.31	.37	.34	.26	.05	.02	.06	.02	.03	.03	.03	.11	.37
6	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.02	.27	.44	.40	.42	.41	.38	.28	.11	.05	.29	.54	.60	.63	.22	.63
7	.69	.54	.51	.29	.30	.13	.03	.03	.09	.10	.15	.22	.30	.37	.34	.34	.31	.38	.08	.23	.51	.24	.50	.31	.29	.69
8	.11	.14	.08	.20	.16	.14	.10	.08	.04	.09	.15	.21	.22	.29	.25	.22	.19	.17	.18	.33	.52	.56	.62	.67	.24	.67
9	.62	.58	.73	.82	.76	.67	.69	.70	.62	.43	.31	.41	.40	.42	.48	.54	.52	.39	.50	.72	.68	.90	.91	.93	.61	.93
10	.96	.92	.39	.08	.05	.09	.20	.15	.21	.35	.51	.44	.51	.60	.45	.56	.54	.63	.49	.32	.25	.10	.04	.08	.37	.96
11	.06	.27	.67	.55	.28	.19	.06	.06	.04	.15	.73	.94	.95	.96	.96	.88	.86	.90	.82	.81	.87	.82	.77	.81	.60	.96
12	.88	.85	.67	.62	.69	.65	.62	.55	.43	.46	.55	.53	.59	.63	.60	.55	.54	.47	.39	.21	.09	.13	.12	.13	.50	.88
13	.15	.16	.12	.12	.11	.09	.07	.09	.11	.24	.31	.33	.40	.44	.46	.39	.34	.21	.12	.04	.03	.07	.08	.06	.19	.46
14	.08	.10	.11	.20	.45	.19	.17	.17	.10	.15	.24	.30	.34	.74	.76	.87	.86	.76	.73	.73	.73	.66	.62	.56	.44	.87
15	.50	.43	.48	.35	.32	.40	.50	.50	.55	.76	.79	.77	.72	.74	.68	.71	.68	.53	.59	.61	.67	.73	.82	.68	.60	.82
16	.47	.27	.50	.52	.71	.69	.59	.57	.82	.92	.92	.94	.93	.90	.98	.97	.93	.81	.85	.55	.27	.04	.05	.05	.63	.98
17	.03	.51	.78	.66	.62	.50	.19	.17	.27	.32	.37	.59	.67	.73	.60	.66	.63	.51	.42	.42	.46	.71	.64	.56	.50	.78
18	.58	.52	.54	.64	.60	.48	.33	.36	.39	.92	1.00	.95	.94	.96	.99	.92	.92	.91	.81	.68	.20	.10	.18	.57	.65	1.00
19	.29	.47	.74	.76	.81	.81	.77	.77	.68	.60	.62	.66	.66	.74	.79	.60	.75	.76	.77	.66	.55	.55	.55	.56	.66	.81
20	.41	.37	.31	.58	.69	.61	.60	.55	.54	.62	.61	.56	.61	.58	.56	.54	.53	.44	.33	.32	.19	.13	.11	.09	.45	.69
21	.09	.04	.05	.06	.06	.04	.05	.08	.22	.35	.45	.47	.44	.46	.49	.49	.45	.51	.45	.55	.66	.59	.12	.14	.30	.66
22	.20	.17	.09	.11	.12	.14	.18	.26	.30	.38	.38	.51	.47	.45	.46	.46	.42	.35	.20	.08	.13	.22	.11	.09	.26	.51
23	.09	.20	.25	.13	.18	.47	.49	.45	.51	.60	.60	.59	.49	.52	.46	.48	.41	.36	.19	.04	.05	.06	.06	.13	.33	.60
24	.07	.10	.11	.19	.10	.13	.10	.16	.27	.43	.49	.48	.48	.48	.49	.48	.46	.39	.39	.39	.42	.25	.15	.27	.30	.49
25	.31	.33	.23	.12	.13	.05	.09	.18	.24	.40	.39	.46	.44	.45	.51	.42	.33	.24	.08	.02	.02	.06	.16	.23	.25	.51
26	.47	.61	.55	.15	.06	.04	.07	.06	.14	.30	.51	.29	.31	.43	.31	.25	.16	.16	.33	.10	.03	.05	.15	.29	.24	.61
27	.22	.12	.13	.06	.07	.06	.15	.20	.14	.18	.30	.35	.33	.36	.33	.29	.29	.41	.57	.55	.64	.82	.83	.85	.34	.85
28	.87	.82	.83	.82	.90	.87	.78	.79	.65	.74	.89	.92	.89	.95	.87	.90	.95	.91	.92	.90	.75	.63	.73	.84	.84	.95
29	.81	.85	.87	.80	.42	.47	.74	.60	.38	.25	.35	.50	.43	.78	.73	.45	.39	.54	.42	.34	.24	.31	.44	.49	.53	.87
30	.57	.56	.40	.57	.50	.37	.43	.71	.68	.79	.80	.84	.85	.86	.62	.66	.60	.53	.47	.20	.17	.40	.47	.42	.56	.86
31	.38	.20	.28	.11	.11	.07	.08	.08	.16	.31	.76	.90	.90	.89	.89	.86	.90	.86	.84	.86	.87	.78	.75	.86	.57	.90
AV	.36	.36	.36	.34	.32	.30	.29	.30	.31	.39	.49	.53	.55	.60	.58	.56	.53	.49	.45	.41	.37	.38	.38	.40	.42	1.00
SD	.30	.27	.27	.27	.28	.27	.26	.26	.24	.26	.27	.25	.24	.23	.22	.22	.24	.26	.27	.28	.28	.30	.31	.30	.28	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

APR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.83	.84	.83	.93	.88	.75	.68	.49	.75	.93	.94	.92	.90	.88	.89	.90	.98	.96	.86	.75	.70	.61	.70	.59	.81	.98
2	.55	.11	.05	.05	.05	.05	.06	.06	.12	.57	.80	.79	.78	.72	.72	.74	.73	.69	.58	.41	.21	.18	.27	.36	.40	.80
3	.65	.56	.57	.63	.68	.64	.65	.52	.38	.33	.35	.37	.46	.53	.70	.75	.76	.56	.35	.46	.65	.75	.80	.86	.58	.86
4	.76	.82	.78	.64	.63	.24	.39	.38	.68	.84	.86	.90	.89	.93	.87	.91	.88	.84	.88	.89	.83	.76	.66	.52	.74	.93
5	.41	.19	.26	.21	.46	.36	.25	.31	.33	.40	.50	.54	.59	.63	.61	.50	.47	.33	.20	.21	.21	.20	.15	.21	.36	.63
6	.26	.15	.16	.18	.20	.18	.31	.11	.23	.35	.43	.46	.40	.73	.83	.90	.88	.91	.83	.37	.23	.26	.39	.23	.42	.91
7	.30	.29	.39	.36	.39	.50	.38	.33	.22	.29	.38	.55	.74	.59	.43	.49	.41	.36	.31	.12	.12	.15	.09	.10	.35	.74
8	.16	.20	.31	.32	.19	.20	.10	.18	.30	.36	.50	.57	.57	.55	.65	.45	.62	.64	.62	.59	.47	.33	.46	.43	.41	.65
9	.39	.19	.11	.06	.06	.28	.66	.51	.46	.44	.48	.48	.51	.53	.59	.56	.60	.52	.48	.15	.10	.13	.19	.17	.36	.66
10	.39	.48	.69	.60	.34	.30	.13	.22	.30	.33	.46	.46	.51	.51	.49	.48	.33	.30	.47	.50	.81	.87	.83	.83	.48	.87
11	.79	.68	.47	.55	.51	.36	.42	.63	.63	.57	.69	.52	.45	.68	.78	.76	.73	.73	.69	.41	.46	.83	.87	.87	.63	.87
12	.83	.72	.80	.74	.49	.23	.16	.18	.35	.47	.48	.48	.56	.60	.65	.57	.57	.50	.49	.31	.09	.10	.09	.36	.45	.83
13	.39	.21	.12	.09	.09	.14	.23	.23	.31	.37	.38	.48	.48	.49	.46	.54	.65	.58	.60	.48	.70	.76	.82	.81	.43	.82
14	.78	.83	.89	.92	.85	.70	.54	.25	.48	.64	.61	.52	.64	.71	.73	.65	.55	.53	.42	.20	.15	.17	.40	.65	.58	.92
15	.83	.86	.82	.59	.30	.26	.25	.34	.49	.47	.53	.52	.62	.64	.65	.68	.69	.63	.59	.43	.32	.42	.24	.21	.52	.86
16	.29	.27	.43	.47	.26	.24	.33	.42	.50	.52	.52	.51	.57	.57	.54	.52	.44	.36	.17	.14	.11	.14	.42	.53	.39	.57
17	.33	.20	.15	.07	.14	.20	.14	.25	.35	.38	.42	.48	.52	.51	.48	.44	.45	.38	.24	.18	.46	.45	.17	.17	.32	.52
18	.19	.21	.24	.13	.11	.07	.14	.21	.27	.40	.52	.64	.75	.77	.81	.80	.80	.78	.79	.72	.70	.66	.68	.42	.49	.81
19	.39	.21	.13	.13	.10	.12	.11	.22	.40	.47	.48	.49	.59	.61	.62	.56	.64	.65	.56	.39	.37	.34	.46	.39	.39	.65
20	.39	.29	.32	.24	.19	.23	.20	.38	.56	.65	.58	.58	.67	.71	.71	.64	.51	.47	.36	.35	.39	.26	.15	.17	.42	.71
21	.17	.22	.25	.29	.16	.13	.14	.22	.42	.51	.55	.60	.52	.55	.54	.51	.44	.40	.40	.37	.34	.25	.16	.08	.34	.60
22	.10	.10	.09	.10	.09	.11	.09	.20	.27	.38	.48	.51	.53	.51	.54	.52	.48	.47	.34	.14	.11	.24	.81	.75	.33	.81
23	.55	.25	.17	.19	.34	.37	.46	.47	.66	.48	.44	.44	.37	.35	.45	.41	.67	.79	.80	.71	.69	.68	.69	.73	.51	.80
24	.59	.64	.71	.59	.43	.41	.33	.35	.36	.39	.45	.50	.54	.51	.57	.51	.37	.40	.31	.60	.70	.60	.42	.30	.48	.71
25	.24	.21	.20	.27	.24	.20	.22	.22	.33	.39	.46	.47	.53	.58	.66	.53	.60	.44	.53	.50	.35	.35	.34	.34	.38	.66
26	.30	.22	.23	.27	.28	.26	.24	.27	.31	.37	.44	.40	.54	.56	.64	.53	.37	.37	.27	.43	.37	.38	.29	.43	.37	.64
27	.54	.33	.30	.27	.12	.23	.47	.49	.42	.48	[NT]	[NT]	[NT]	.69	.75	.61	.59	.60	.36	.32	.37	.34	.33	.31	.42	.75
28	.30	.34	.29	.34	.29	.36	.38	.39	.47	.52	.57	.60	.68	.71	.67	.61	.56	.45	.67	.74	.87	.97	.93	.89	.57	.97
29	.94	.95	.90	.66	.78	.82	.72	.55	.50	.61	.65	.70	.69	.69	.65	.62	.58	.52	.45	.36	.37	.39	.48	.39	.62	.95
30	.35	.41	.51	.56	.49	.48	.47	.46	.48	.56	.61	.62	.67	.63	.59	.58	.58	.50	.40	.37	.37	.48	.48	.62	.51	.67
AV	.47	.40	.41	.38	.34	.31	.32	.33	.41	.48	.54	.56	.60	.62	.64	.61	.60	.56	.50	.42	.42	.44	.46	.46	.47	.98
SD	.24	.26	.27	.26	.24	.20	.19	.14	.15	.15	.14	.13	.13	.12	.12	.14	.16	.18	.20	.20	.24	.25	.26	.25	.22	[ ]

QHOUT -- QU000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

MAY, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.45	.41	.44	.40	.49	.52	.69	.54	.50	.69	.73	.68	.74	.92	.76	.71	.60	.62	.72	.70	.72	.88	.86	.75	.65	.92
2	.41	.46	.27	.36	.38	.48	.33	.25	.38	.46	.48	.48	.51	.45	.49	.39	.27	.44	.64	.41	.66	.70	.58	.59	.45	.70
3	.69	.62	.74	.68	.54	.40	.67	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.42	.48	.39	.59	.42	.70	.60	.31	.36	.54	.74
4	.34	.23	.20	.21	.25	.27	.37	.42	.34	.44	.55	.58	.59	.72	.80	.74	.70	.72	.70	.58	.44	.41	.30	.23	.46	.80
5	.29	.40	.27	.30	.51	.46	.32	.36	.52	.59	.62	.69	.78	.76	.78	.77	.73	.60	.48	.28	.24	.25	.34	.41	.49	.78
6	.25	.25	.26	.26	.33	.33	.29	.40	.47	.54	.63	.64	.72	.68	.69	.65	.57	.51	.37	.42	.74	.76	.77	.66	.51	.77
7	.54	.40	.33	.26	.35	.48	.36	.31	.57	.58	.69	.75	.74	.89	.79	.73	.59	.62	.74	.68	.55	.58	.79	.84	.59	.89
8	.59	.53	.37	.32	.34	.29	.30	.40	.48	.55	.59	.51	.75	1.00	1.01	1.00	1.01	.96	.87	.63	.71	.86	.75	.89	.65	1.01
9	.73	.82	.73	.70	.93	.78	.82	.83	.99	1.01	1.07	1.07	1.02	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.37	.58	.61	.44	.53	.78	1.07
10	.55	.40	.30	.28	.41	.50	.46	.53	.75	.96	[PF]	[PF]	.88	.90	.67	.60	.62	.48	.33	.29	.25	.36	.39	.22	.51	.96
11	.25	.23	.15	.20	.62	.46	.18	.15	.31	.36	.34	.46	.51	.49	.55	.57	.56	.41	.26	.37	.22	.20	.23	.30	.35	.62
12	.11	.09	.13	.11	.11	.14	.16	.22	.33	.29	.25	.40	.42	.46	.45	.50	.54	.56	.48	.66	.54	.43	.33	.36	.34	.66
13	.46	.40	.37	.41	.52	.51	.41	.46	.74	.78	.78	.75	.73	.67	.64	.81	.75	.71	.50	.54	.30	.23	.18	.18	.53	.81
14	.17	.22	.19	.19	.24	.30	.27	.27	.46	.55	.58	.60	.57	.53	.56	.52	.53	.58	.54	.41	.47	.58	.56	.44	.43	.60
15	.46	.32	.35	.22	.19	.17	.18	.23	.40	.48	.57	.53	.60	.61	.61	.58	.52	.59	.81	.64	.47	.42	.42	.36	.45	.81
16	.28	.40	.49	.32	.24	.20	.23	.30	.46	.51	.59	.58	.63	.69	.57	.58	.66	.56	.64	.42	.21	.33	.40	.40	.45	.69
17	.35	.27	.28	.20	.20	.20	.22	.26	.48	.56	.60	.61	.65	.69	.66	.64	.56	.51	.32	.24	.34	.65	.87	.82	.47	.87
18	.62	.50	.52	.38	.39	.40	.61	.83	.73	.94	.97	1.00	1.00	1.03	.93	.98	.91	.89	.81	.75	.71	.68	.68	.66	.75	1.03
19	.60	.55	.45	.44	.55	.64	.84	.90	.74	.50	.58	.78	.79	.83	.67	.68	.65	.55	.47	.33	.23	.20	.49	.49	.58	.90
20	.31	.23	.25	.26	.26	.21	.25	.39	.50	.55	.55	.61	.67	.66	.69	.57	.54	.42	.38	.31	.39	.69	.74	.70	.46	.74
21	.68	.51	.44	.47	.44	.42	.43	.48	.49	.60	.62	.66	.65	.65	.65	.66	.61	.51	.44	.39	.56	.85	.89	.80	.58	.89
22	.77	.73	.71	.79	.78	.72	.67	.57	.60	.62	.67	.68	.71	.73	.70	.78	.80	.78	.78	.78	.68	.78	.77	.69	.72	.80
23	.67	.71	.69	.73	.85	.79	.90	.92	.77	.72	.76	.80	.80	.82	.84	.80	.80	.80	.79	.76	.38	.37	.30	.30	.71	.92
24	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.29	.29	.39	.33	.33	.39	.42	.44	.51	.50	.59	.68	.43	.36	.68
25	.44	.36	.33	.42	.44	.36	.35	.43	.43	.35	.34	.29	.24	.21	.17	.18	.18	.15	.15	.18	.21	.18	.26	.44	.30	.44
26	.28	.17	.15	.15	.15	.15	.15	.15	.15	.16	.17	.17	.18	.18	.20	.18	.17	.17	.21	.21	.21	.16	.16	.16	.17	.28
27	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.15	.15	.15	.15	.15	.15	.16	.16	.16	.16	.16	.16	.16	.16
28	.16	.16	.16	.16	.25	.37	.30	.30	.42	.46	.62	.56	.32	.36	.44	.60	.46	.55	.56	.65	.60	.50	.29	.30	.40	.65
29	.31	.33	.25	.18	.19	.23	.26	.32	.41	.44	.36	.42	.38	.37	.41	.41	.38	.37	.38	.39	.26	.23	.20	.26	.32	.44
30	.32	.30	.34	.30	.21	.26	.30	.41	.44	.49	.42	.54	.52	.71	.79	.49	.34	.24	.28	.17	.09	.41	.26	.19	.37	.79
31	.10	.26	.55	.28	.24	.33	.09	.21	.27	.37	.44	.45	.44	.47	.44	.41	.38	.33	.25	.18	.09	.34	.74	.74	.35	.74
AV	.41	.38	.36	.34	.38	.38	.38	.41	.49	.53	.55	.58	.60	.62	.60	.58	.55	.52	.50	.45	.43	.48	.49	.47	.48	1.07
SD	.19	.18	.18	.18	.21	.18	.22	.22	.19	.21	.21	.21	.22	.24	.22	.21	.21	.20	.21	.19	.21	.23	.24	.23	.22	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.41	.25	.10	.10	.12	.07	.08	.11	.28	.37	.40	.47	.54	.76	.78	.81	.68	.68	.74	.48	.45	.56	.53	.42	.42	.81
2	.35	.31	.26	.13	.18	.19	.23	.28	.38	.52	.54	.55	.59	.60	.57	.54	.45	.47	.58	.56	.41	.58	.54	.37	.42	.60
3	.16	.31	.35	.14	.12	.15	.15	.10	.32	.39	.49	.57	.59	.56	.58	.57	.55	.42	.32	.16	.09	.14	.11	.28	.32	.59
4	.35	.35	.68	.62	.28	.18	.68	.73	.83	.87	.92	.94	.91	.89	.87	.84	.81	.80	.69	.54	.29	.28	.22	.20	.62	.94
5	.17	.35	.66	.54	.69	.71	.79	.29	.65	.86	.91	.90	.92	.96	.97	.93	.92	.90	.85	.70	.76	.59	.25	.32	.69	.97
6	.18	.18	.22	.23	.34	.37	.32	.35	.46	.45	.52	.51	.59	.59	.60	.59	.57	.61	.53	.45	.18	.11	.47	.72	.42	.72
7	.49	.67	.47	.43	.71	.58	.55	.78	.48	.60	.59	.62	.62	.64	.61	.70	.73	.76	.73	.73	.70	.71	.64	.68	.63	.78
8	.71	.71	.73	.75	.66	.58	.51	.52	.59	.65	.62	.61	.67	.71	.72	.72	.72	.69	.64	.56	.41	.47	.40	.57	.62	.75
9	.57	.59	.48	.29	.28	.28	.28	.36	.48	.54	.49	.54	.58	.59	.61	.61	.54	.48	.42	.35	.40	.37	.47	.35	.46	.61
10	.36	.44	.37	.38	.33	.30	.39	.37	.40	.45	.48	.55	.58	.56	.62	.53	.58	.52	.54	.46	.40	.49	.35	.34	.45	.62
11	.42	.50	.57	.44	.25	.37	.40	.35	.41	.49	.57	.57	.57	.58	.56	.60	.59	.56	.52	.56	.64	.66	.54	.64	.52	.66
12	.68	.62	.67	.65	.69	.61	.67	.64	.57	.54	.57	.56	.55	.58	.65	.49	.27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.59	.69
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
AV	.40	.44	.46	.39	.39	.37	.42	.41	.49	.56	.59	.62	.64	.67	.68	.66	.62	.63	.60	.50	.43	.45	.41	.44	.51	.97
SD	.19	.18	.21	.22	.23	.21	.22	.22	.15	.16	.16	.15	.13	.14	.13	.14	.17	.15	.15	.16	.21	.20	.16	.18	.20	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUL, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.52	.58	.48	.55	.56	.54	.58
6	.52	.26	.51	.25	.28	.19	.12	.18	.24	.29	.32	.40	.46	.50	.44	.43	.37	.31	.21	.11	.24	.56	.62	.64	.35	.64
7	.51	.28	.13	.15	.36	.15	.21	.24	.23	.30	.38	.42	.49	.48	.46	.41	.51	.41	.48	.52	.53	.59	.67	.41	.39	.67
8	.48	.46	.29	.19	.22	.18	.21	.52	.40	.32	.38	.42	.41	.50	.48	.66	.44	.51	.72	.40	.30	.18	.39	.41	.39	.72
9	.20	.37	.62	.46	.20	.19	.29	.16	.22	.27	.35	.44	.46	.53	.50	.53	.41	.40	.30	.34	.31	.21	.14	.08	.33	.62
10	.13	.12	.22	.16	.08	.07	.14	.15	.24	.35	.39	.45	.47	.48	.46	.46	.41	.40	.29	.16	.10	.07	.08	.13	.25	.48
11	.14	.11	.11	.09	.15	.08	.09	.36	.59	.50	.43	.50	.58	.53	.64	.55	.56	.58	.58	.44	.31	.31	.31	.20	.36	.64
12	.11	.09	.13	.21	.14	.14	.10	.18	.27	.36	.41	.44	.46	.47	.49	.56	.53	.49	.50	.27	.22	.49	.42	.28	.32	.56
13	.24	.20	.14	.30	.36	.16	.18	.27	.50	.34	.38	.45	.49	.57	.73	.55	.52	.44	.37	.29	.25	.48	.34	.29	.37	.73
14	.37	.65	.58	.33	.41	.38	.37	.18	.25	.37	.43	.45	.46	.57	.50	.39	.37	.27	.41	.25	.14	.12	.11	.11	.35	.65
15	.19	.39	.45	.28	.11	.15	.18	.19	.25	.31	.43	.46	.60	.72	.76	.74	.75	.73	.70	.75	.73	.78	.80	.56	.50	.80
16	.78	.66	.41	.76	.74	.48	.68	.67	.55	.66	.67	.69	.74	.82	.74	.68	.49	.49	.57	.41	.27	.17	.09	.13	.56	.82
17	.22	.50	.76	.80	.83	.85	.79	.77	.80	.75	.74	.74	.73	.69	.66	.61	.57	.51	.51	.46	.29	.12	.08	.20	.58	.85
18	.18	.25	.37	.20	.09	.11	.11	.22	.33	.40	.43	.49	.53	.59	.58	.51	.52	.55	.48	.45	.26	.13	.14	.11	.33	.59
19	.09	.22	.21	.17	.08	.09	.12	.15	.24	.40	.44	.49	.53	.53	.51	.56	.57	.43	.47	.26	.12	.16	.14	.33	.30	.57
20	.25	.25	.32	.33	.31	.34	.33	.48	.47	.52	.55	.61	.65	.53	.56	.48	.44	.35	.25	.28	.24	[PF]	.23	.33	.40	.65
21	.25	.19	.31	.35	.24	.20	.21	.33	.44	.46	.49	.51	.52	.50	.37	.43	.43	.39	.50	.79	.64	.57	.52	.23	.41	.79
22	.21	.31	.49	.43	.53	.37	.29	.27	.25	.34	.45	.52	.53	.47	.46	.46	.45	.32	.29	.28	.32	.31	.35	.43	.38	.53
23	.39	.49	.47	.66	.37	.29	.24	.26	.32	.48	.56	.46	.72	.67	.62	.52	.52	.55	.59	.61	.56	.48	.48	.37	.49	.72
24	.48	.63	.56	.50	.38	.33	.33	.32	.45	.45	.50	.51	.46	.52	.55	.48	.56	.73	.82	.69	.60	.70	.53	.56	.53	.82
25	.51	.60	.54	.45	.41	.45	.49	.45	.44	.45	.52	.53	.57	.59	.54	.51	.62	.74	.57	.45	.43	.44	.48	.44	.51	.74
26	.45	.46	.47	.39	.38	.29	.24	.33	.34	.41	.47	.49	.53	.51	.56	.57	.47	.37	.31	.54	.43	.63	.36	.18	.42	.63
27	.10	.16	.10	.10	.07	.07	.11	.12	.12	.16	.29	.32	.35	.31	.38	.48	.43	.32	.23	.13	.24	.56	.28	.14	.23	.56
28	.07	.13	.11	.08	.07	.09	.09	.08	.09	.14	.19	.31	.29	.49	.58	.60	.28	.27	.14	.16	.09	.07	.07	.07	.19	.60
29	.07	.07	.07	.07	.12	.24	.18	.21	.26	.30	.44	.46	.47	.49	.47	.48	.44	.48	.52	.32	.15	.35	.28	.23	.30	.52
30	.19	.12	.10	.10	.20	.23	.12	.19	.30	.38	.46	.42	.50	.46	.53	.53	.41	.41	.31	.15	.07	.09	.09	.14	.27	.53
31	.09	.10	.13	.13	.10	.08	.09	.12	.23	.28	.41	.48	.45	.49	.51	.45	.47	.39	.22	.10	.11	.10	.15	.27	.25	.51
AV	.28	.31	.33	.31	.28	.24	.24	.28	.34	.38	.44	.48	.52	.54	.54	.52	.48	.46	.44	.38	.32	.35	.32	.29	.38	.85
SD	.18	.19	.20	.21	.20	.17	.18	.17	.16	.13	.11	.09	.11	.10	.10	.08	.09	.13	.17	.19	.19	.22	.21	.17	.19	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

AUG, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.28	.25	.22	.21	.10	.09	.12	.12	.20	.30	.37	.40	.54	.70	.71	.66	.68	.64	.67	.66	.71	.84	.62	.64	.45	.84
2	.67	.74	.51	.14	.27	.52	.55	.61	.54	.57	.42	.51	.56	.54	.65	.80	.39	.21	.16	.73	.79	.74	.79	.78	.55	.80
3	.46	.47	.34	.34	.61	.59	.65	.46	.45	.47	.47	.40	.34	.39	.59	.60	.67	.58	.53	.47	.40	.59	.62	.65	.51	.67
4	.77	.63	.39	.24	.18	.30	.57	.36	.22	.31	.34	.46	.52	.53	.41	.37	.32	.25	.20	.26	.30	.50	.26	.41	.38	.77
5	.39	.31	.14	.08	.07	.10	.33	.29	.26	.33	.33	.42	.47	.50	.47	.36	.40	.38	.33	.25	.15	.12	.33	.32	.30	.50
6	.13	.14	.16	.24	.19	.10	.07	.13	.23	.31	.35	.40	.43	.47	.47	.49	.44	.32	.28	.15	.11	.08	.24	.50	.27	.50
7	.63	.53	.12	.10	.15	.11	.18	.23	.32	.33	.37	.46	.49	.44	.75	.65	.36	.41	.38	.26	.32	.82	.75	.54	.40	.82
8	.53	.64	.51	.47	.27	.42	.54	.51	.54	.59	.48	.53	.51	.48	.42	.48	.61	.47	.34	.76	.67	.71	.83	.64	.54	.83
9	.31	.16	.08	.08	.11	.07	.07	.13	.26	.32	.44	.43	.48	.48	.51	.51	.63	.62	.59	.63	.65	.64	.41	.21	.37	.65
10	.29	.31	.44	.25	.11	.09	.12	.26	.33	.42	.46	.44	.50	.55	.42	.32	.36	.39	.30	.17	.57	.71	.82	.77	.39	.82
11	.80	.80	.74	.81	.92	.82	.72	.44	.57	.76	.80	.78	.77	.76	.75	.81	.42	.29	.49	.48	.57	.60	.22	.37	.65	.92
12	.59	.74	.49	.46	.51	.59	.37	.31	.29	.45	.58	.57	.60	.59	.56	.47	.53	.58	.58	.59	.57	.55	.44	.32	.51	.74
13	.38	.44	.39	.36	.40	.42	.64	.62	.64	.67	.66	.72	.99	.91	.97	.84	.47	.55	.53	.45	.17	.10	.15	.12	.52	.99
14	.23	.23	.11	.24	.17	.14	.10	.18	.19	.18	.27	.29	.31	.17	.13	.30	.26	.23	.15	.08	.34	.23	.30	.26	.21	.34
15	.18	.18	.20	.30	.19	.13	.09	.10	.23	.31	.33	.30	.16	.14	.18	.19	.17	.19	.14	.72	.65	.75	.79	.73	.31	.79
16	.84	.56	.41	.18	.11	.14	.27	.50	.46	.30	.35	.37	.40	.23	.20	.37	.77	.63	.55	.54	.22	.08	.16	.38	.38	.84
17	.52	.40	.19	.21	.14	.08	.07	.08	.19	.27	.36	.38	.41	.24	.20	.31	.27	.13	.24	.46	.81	.70	.88	.82	.35	.88
18	.81	.68	.57	.62	.48	.49	.23	.08	.20	.32	.33	.40	.43	.43	.40	.30	.33	.19	.22	.52	.25	.17	.34	.21	.37	.81
19	.38	.25	.41	.21	.17	.15	.19	.15	.12	.26	.35	.40	.27	.20	.38	.45	.40	.30	.17	.07	.07	.10	.17	.32	.25	.45
20	.30	.35	.35	.20	.08	.07	.07	.07	.15	.22	.31	.35	.38	.37	.37	.40	.39	.31	.16	.31	.47	.66	.46	.40	.30	.66
21	.43	.44	.22	.10	.27	.14	.09	.20	.24	.29	.31	.40	.41	.42	.43	.63	.67	.60	.26	.33	.47	.54	.19	.10	.34	.67
22	.19	.39	.64	.48	.27	.35	.32	.31	.27	.33	.45	.45	.46	.46	.40	.62	.64	.86	.60	.48	.39	.49	.54	.51	.45	.86
23	.68	.45	.26	.31	.16	.08	.08	.11	.24	.32	.36	.44	.43	.44	.38	.63	.60	.63	.66	.70	.67	.78	.58	.36	.43	.70
24	.30	.52	.48	.46	.49	.26	.11	.22	.27	.36	.42	.46	.49	.48	.45	.40	.46	.59	.45	.46	.49	.48	.50	.44	.42	.59
25	.29	.28	.23	.53	.57	.47	.56	.53	.70	.69	.79	.80	.76	.80	.82	.80	.83	.83	.67	.61	.66	.73	.68	.65	.64	.83
26	.59	.68	.69	.62	.55	.28	.31	.35	.45	.45	.53	.57	.58	.66	.68	.59	.41	.21	.42	.57	.49	.19	.18	.08	.46	.69
27	.11	.14	.17	.11	.08	.10	.19	.12	.19	.33	.40	.41	.46	.34	.32	.44	.51	.46	.36	.47	.56	.40	.37	.63	.32	.63
28	.63	.61	.37	.35	.36	.62	.66	.72	.69	.50	.64	.56	.67	.63	.41	.40	.31	.39	.46	.57	.25	.11	.48	.68	.50	.72
29	.36	.24	.31	.56	.56	.12	.07	.09	.17	.26	.30	.38	.39	.42	.47	.41	.50	.28	.10	.07	.13	.25	.26	.25	.29	.56
30	.20	.17	.32	.15	.08	.09	.10	.14	.28	.29	.38	.46	.50	.52	.43	.60	.62	.53	.32	.18	.49	.68	.67	.37	.36	.68
31	.31	.23	.17	.16	.24	.13	.37	.20	.22	.22	.31	.46	.47	.45	.50	.65	.58	.46	.27	.08	.14	.14	.26	.23	.30	.65
AV	.44	.42	.34	.31	.29	.26	.28	.28	.33	.38	.43	.46	.49	.48	.48	.51	.48	.44	.37	.42	.44	.46	.46	.44	.40	.99
SD	.21	.20	.18	.19	.21	.21	.22	.19	.17	.15	.14	.12	.16	.18	.19	.17	.16	.19	.18	.22	.22	.26	.23	.21	.20	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.26	.20	.16	.11	.13	.14	.14	.21	.28	.31	.38	.40	.44	.52	.48	.50	.48	.40	.20	.12	.27	.41	.26	.17	.29	.52
2	.17	.19	.20	.20	.20	.12	.08	.09	.19	.30	.39	.44	.50	.51	.39	.35	.27	.27	.19	.12	.10	.17	.24	.20	.25	.51
3	.20	.17	.12	.16	.18	.20	.18	.25	.30	.34	.41	.42	.46	.46	.48	.46	.44	.45	.31	.20	.32	.38	.54	.70	.34	.70
4	.38	.19	.25	.19	.24	.31	.38	.26	.27	.41	.39	.47	.51	.52	.48	.54	.46	.48	.57	.42	.54	.69	.25	.42	.40	.69
5	.55	.49	.28	.57	.40	.51	.21	.39	.56	.36	.38	.43	.50	.45	.62	.63	.92	.94	.82	.51	.30	.35	.30	.54	.50	.94
6	.28	.26	.18	.17	.25	.21	.21	.21	.26	.33	.36	.42	.44	.46	.45	.50	.62	.51	.66	.47	.46	.49	.48	.43	.38	.66
7	.41	.47	.44	.49	.52	.47	.51	.48	.47	.34	.35	.40	.42	.40	.45	.43	.41	.42	.49	.66	.61	.36	.41	.59	.46	.66
8	.50	.47	.45	.48	.40	.44	.44	.52	.52	.45	.47	.50	.57	.58	.36	.31	.44	.59	.73	.67	.64	.49	.53	.51	.50	.73
9	.56	.58	.56	.62	.63	.57	.56	.45	.66	.61	.56	.58	.59	.55	.56	.48	.55	.60	.65	.53	.61	.57	.58	.51	.57	.66
10	.23	.17	.17	.17	.16	.16	.16	.16	.16	.16	.18	.18	.16	.17	.19	.17	.17	.16	.16	.17	.15	.15	.16	.23	.17	.23
11	.33	.38	.63	.82	.76	.65	.62	.73	.65	.57	.57	.54	.51	.44	.51	.48	.49	.45	.48	.51	.42	.36	.67	.36	.54	.82
12	.36	.43	.54	.45	.47	.40	.47	.57	.49	.39	.39	.44	.46	.42	.41	.40	.42	.35	.36	.34	.31	.44	.64	.66	.44	.66
13	.54	.45	.44	.22	.10	.18	.26	.34	.55	.53	.49	.51	.32	.25	.14	.33	.36	.29	.18	.20	.71	.50	.34	.54	.37	.71
14	.59	.36	.23	.09	.13	.20	.18	.11	.17	.19	.27	.31	.50	.62	.59	.56	.51	.30	.25	.24	.24	.21	.20	.13	.30	.62
15	.16	.18	.16	.25	.18	.10	.14	.11	.16	.17	.23	.37	.41	.45	.43	.38	.38	.28	.13	.11	.18	.35	.21	.20	.24	.45
16	.15	.13	.07	.09	.12	.12	.07	.10	.39	.33	.35	.50	.73	.64	.64	.70	.69	.62	.66	.54	.51	.59	.50	.56	.41	.73
17	.51	.53	.53	.50	.54	.53	.49	.49	.35	.50	.51	.56	.62	.62	.46	.69	.49	.45	.61	.75	.66	.62	.62	.57	.55	.75
18	.64	.70	.61	.61	.59	.57	.67	.66	.76	.75	.69	.68	.66	.65	.64	.65	.72	.64	.61	.60	.67	.67	.70	.66	.66	.76
19	.45	.62	.37	.18	.63	.80	.76	.68	.73	.67	.68	.66	.69	.60	.60	.57	.64	.64	.65	.61	.58	.67	.66	.62	.62	.80
20	.73	.72	.60	.61	.36	.36	.50	.44	.34	.40	.42	.45	.54	.58	.59	.59	.56	.62	.52	.33	.25	.48	.42	.54	.50	.73
21	.58	.60	.69	.70	.59	.66	.73	.72	.66	.69	.67	.63	.61	.59	.59	.57	.51	.53	.53	.54	.45	.46	.46	.42	.59	.73
22	.41	.30	.33	.38	.24	.28	.21	.28	.29	.24	.22	.25	.29	.25	.25	.21	.33	.37	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.29	.41
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.27	.59	.40	.27	.49	.42	.59
26	.49	.46	.41	.44	.52	.59	.48	.52	.35	.54	.53	.46	.21	.17	.17	.17	.16	.16	.16	.16	.16	.16	.20	.18	.33	.59
27	.35	.48	.18	.13	.13	.14	.12	.11	.36	.39	.44	.80	.86	.85	.64	.72	.67	.48	.54	.62	.76	.61	.72	.60	.49	.86
28	.57	.47	.52	.33	.32	.60	.45	.68	.76	.79	.65	.82	.76	.75	.67	.55	.61	.22	.10	.53	.40	.50	.32	.41	.54	.85
29	.30	.33	.19	.45	.59	.75	.37	.15	.20	.22	.22	.23	.22	.20	.25	.29	.35	.24	.23	.24	.12	.11	.10	.12	.27	.75
30	.12	.14	.12	.08	.09	.08	.09	.09	.21	.18	.19	.30	.74	.61	.49	.43	.38	.53	.52	.54	.44	.20	.16	.19	.29	.74
AV	.40	.39	.35	.35	.35	.38	.35	.36	.41	.41	.43	.47	.51	.50	.46	.47	.48	.44	.44	.41	.42	.42	.41	.43	.42	.94
SD	.17	.18	.19	.22	.20	.22	.21	.22	.20	.18	.17	.16	.17	.17	.15	.16	.17	.18	.22	.20	.20	.17	.19	.18	.19	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

OCT, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.24	.16	.11	.13	.17	.16	.24	.12	.25	.27	.35	.44	.46	.45	.30	.38	.42	.45	.45	.37	.28	.38	.59	.59	.32	.59
2	.55	.55	.52	.52	.46	.32	.25	.18	.12	.24	.26	.33	.34	.35	.38	.31	.30	.21	.08	.07	.12	.19	.15	.14	.29	.55
3	.30	.27	.11	.07	.07	.07	.07	.08	.14	.21	.29	.32	.36	.32	.28	.28	.18	.09	.10	.19	.22	.09	.19	.14	.19	.36
4	.26	.11	.10	.07	.15	.16	.07	.07	.09	.21	.29	.32	.34	.37	.32	.35	.24	.12	.07	.25	.45	.60	.46	.62	.25	.62
5	.52	.21	.22	.41	.36	.25	.16	.08	.13	.22	.21	.15	.25	.27	.31	.45	.32	.52	.63	.57	.29	.12	.14	.24	.29	.63
6	.35	.27	.36	.30	.48	.54	.24	.12	.12	.24	.33	.36	.37	.36	.35	.36	.34	.23	.09	.07	.08	.11	.14	.10	.26	.54
7	.08	.08	.08	.09	.08	.08	.07	.08	.13	.21	.28	.32	.31	.24	.28	.26	.15	.09	.12	.65	.70	.52	.50	.44	.24	.70
8	.35	.26	.09	.11	.25	.30	.35	.21	.35	.36	.34	.43	.42	.41	.46	.37	.33	.24	.38	.30	.35	.31	.17	.16	.30	.46
9	.13	.12	.08	.11	.09	.11	.10	.11	.17	.28	.38	.47	.46	.49	.45	.37	.35	.30	.23	.23	.25	.32	.31	.23	.26	.49
10	.23	.11	.09	.10	.09	.09	.09	.09	.13	.26	.35	.42	.44	.43	.44	.35	.27	.18	.14	.14	.20	.31	.27	.24	.23	.44
11	.14	.07	.07	.10	.14	.09	.10	.11	.18	.23	.31	.37	.43	.39	.39	.36	.27	.15	.09	.10	.19	.12	.13	.16	.20	.43
12	.09	.07	.07	.08	.08	.07	.08	.07	.14	.27	.40	.45	.39	.37	.38	.32	.23	.14	.08	.07	.10	.11	.11	.10	.18	.45
13	.07	.11	.12	.20	.32	.59	.71	.46	.20	.24	.27	.39	.37	.34	.34	.33	.26	.14	.07	.07	.07	.09	.10	.17	.25	.71
14	.15	.09	.10	.13	.12	.16	.11	.15	.21	.28	.30	.36	.41	.40	.38	.35	.35	.18	.08	.07	.07	.07	.08	.11	.20	.41
15	.11	.08	.11	.10	.10	.07	.17	.19	.19	.17	.27	.36	.38	.39	.36	.32	.26	.09	.07	.13	.41	.69	.46	.59	.25	.69
16	.66	.57	.46	.61	.23	.11	.20	.08	.13	.20	.24	.35	.39	.40	.39	.39	.28	.11	.13	.42	.52	.50	.58	.28	.34	.66
17	.22	.28	.19	.16	.16	.09	.07	.07	.17	.23	.29	.35	.38	.38	.38	.41	.64	.46	.48	.43	.53	.52	.48	.41	.32	.64
18	.27	.11	.19	.14	.10	.10	.13	.13	.19	.24	.27	.33	.38	.61	.73	.72	.65	.46	.44	.34	.42	.67	.64	.45	.36	.73
19	.41	.44	.37	.22	.13	.12	.20	.14	.22	.35	.37	.42	.40	.45	.39	.32	.27	.12	.08	.08	.13	.28	.13	.10	.26	.45
20	.11	.16	.13	.10	.13	.10	.20	.26	.17	.27	.32	.37	.41	.38	.39	.25	.18	.07	.07	.07	.07	.07	.11	.11	.19	.41
21	.07	.10	.17	.19	.23	.22	.20	.16	.15	.23	.33	.36	.38	.39	.38	.35	.21	.09	.08	.11	.20	.14	.10	.12	.21	.39
22	.07	.07	.09	.10	.19	.15	.14	.14	.13	.19	.18	.28	.29	.32	.34	.31	.18	.08	.08	.07	.07	.07	.07	.07	.15	.34
23	.08	.08	.10	.10	.13	.14	.21	.17	.21	.25	.28	.32	.33	.43	.36	.33	.25	.10	.08	.07	.07	.08	.07	.07	.18	.43
24	.10	.12	.28	.26	.11	.08	.12	.14	.18	.27	.31	.35	.32	.37	.36	.23	.14	.10	.10	.19	.15	.15	.31	.29	.21	.37
25	.36	.52	.23	.27	.41	.50	.48	.54	.53	.39	.52	.42	.29	.22	.32	.30	.18	.09	.07	.07	.08	.13	.24	.20	.31	.54
26	.36	.26	.32	.66	.62	.56	.37	.24	.34	.56	.79	.89	.87	.84	.77	.78	.82	.73	.59	.70	.64	.57	.37	.27	.58	.89
27	.27	.15	.08	.15	.41	.38	.35	.33	.08	.07	.14	.50	.48	.42	.31	.38	.42	.41	.25	.45	.26	.07	.07	.07	.27	.50
28	.07	.07	.07	.07	.07	.07	.07	.07	.10	.16	.23	.33	.40	.36	.33	.28	.14	.16	.36	.60	.58	.54	.63	.66	.27	.66
29	.45	.44	.40	.43	.32	.33	.47	.58	.71	.57	.32	.51	.60	.62	.68	.65	.65	.66	.55	.55	.55	.50	.40	.22	.51	.71
30	.09	.07	.07	.08	.14	.13	.08	.07	.07	.10	.17	.12	.10	.13	.12	.10	.08	.13	.11	.09	.08	.07	.07	.07	.10	.17
31	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.09	.11	.17	.13	.09	.07	.07	.10	.25	.39	.31	.19	.12	.39
AV	.23	.20	.18	.20	.21	.20	.20	.17	.19	.25	.31	.37	.38	.39	.38	.36	.30	.22	.20	.25	.27	.28	.27	.25	.26	.89
SD	.16	.15	.13	.16	.15	.16	.15	.13	.13	.11	.12	.14	.13	.14	.13	.14	.17	.18	.18	.20	.19	.21	.19	.18	.17	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.27	.21	.20	.21	.33	.30	.16	.08	.18	.28	.36	.34	.33	.37	.35	.37	.33	.16	.12	.24	.23	.10	.13	.16	.24	.37
2	.15	.14	.10	.10	.17	.07	.07	.07	.09	.19	.30	.38	.41	.36	.32	.27	.23	.15	.15	.23	.37	.52	.59	.44	.24	.59
3	.30	.25	.08	.07	.07	.07	.07	.07	.07	.07	.07	.23	.31	.32	.21	.18	.09	.09	.08	.07	.13	.12	.11	.07	.13	.32
4	.08	.07	.07	.07	.07	.07	.07	.07	.07	.10	.24	.29	.31	.29	.28	.25	.22	.13	.07	.07	.07	.07	.10	.13	.14	.31
5	.11	.11	.09	.07	.07	.08	.07	.07	.07	.10	.15	.21	.24	.30	.29	.24	.19	.12	.08	.07	.08	.07	.07	.10	.13	.30
6	.24	.35	.16	.16	.10	.07	.08	.07	.08	.18	.24	.29	.28	.33	.33	.17	.49	.79	.77	.54	.34	.14	.09	.10	.27	.79
7	.25	.45	.40	.17	.09	.07	.07	.07	.07	.11	.18	.19	.21	.25	.27	.19	.10	.07	.08	.10	.23	.29	.33	.32	.19	.45
8	.30	.69	.88	.90	.94	.87	.75	.76	.76	.85	.45	.34	.28	.26	.24	.17	.11	.08	.07	.08	.08	.16	.09	.07	.42	.94
9	.12	.22	.07	.07	.07	.07	.09	.24	.19	.09	.16	.57	.72	.87	.83	[SA]	.40	.23	.09	.10	.11	.34	.41	.24	.27	.87
10	.11	.10	.09	.07	.07	.19	.13	.08	.11	.42	.82	.83	.81	.77	.63	.66	.69	.33	.18	.08	.09	.07	.07	.07	.31	.83
11	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.09	.07	.16	.23	.28	.38	.45	.55	.50	.12	.07	.07	.07	.16	.55
12	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.20	.20	.22	.26	.15	.08	.07	.07	.52	.52	.34	.30	.07	.16	.52
13	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.18	.48	.36	.44	.62	.69	.77	.72	.41	.12	.08	.07	.07	.07	.24	.77
14	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.14	.31	.30	.15	.07	.07	.07	.07	.07	.07	.07	.10	.31
15	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.10	.23	.19	.14	.10	.07	.07	.08	.07	.07	.07	.09	.23
16	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.15	.31	.27	.19	.08	.07	.07	.07	.07	.07	.07	.07	.10	.31
17	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.11	.21	.24	.24	.23	.16	.08	.07	.07	.07	.07	.07	.07	.07	.10	.24
18	.07	.07	.07	.07	.07	.08	.07	.07	.07	.07	.14	.22	.22	.21	.24	.84	.83	.64	.52	.42	.64	.62	.78	.75	.32	.84
19	.82	.86	.83	.76	.69	.55	.62	.75	.77	.80	.75	.59	.69	.50	.37	.29	.37	.13	.14	.32	.56	.54	.61	.61	.58	.86
20	.52	.38	.43	.13	.07	.07	.07	.07	.07	.10	.21	.27	.35	.28	.22	.12	.10	.28	.38	.39	.26	.38	.20	.15	.23	.52
21	.21	.27	.31	.10	.09	.68	.67	.65	.30	.20	.22	.23	.26	.28	.25	.25	.14	.07	.16	.13	.38	.38	.48	.32	.29	.68
22	.12	.11	.13	.07	.08	.08	.07	.07	.07	.11	.10	.11	.15	.13	.19	.32	.16	.12	.09	.12	.25	.30	.12	.10	.13	.32
23	.16	.12	.07	.08	.09	.20	.11	.16	.27	.22	.25	.32	.33	.38	.38	.32	.24	.09	.07	.07	.07	.19	.29	.14	.19	.38
24	.13	.09	.06	.07	.08	.09	.07	.08	.08	.15	.22	.26	.23	.23	.18	.17	.10	.08	.07	.07	.07	.07	.07	.07	.12	.26
25	.07	.08	.08	.07	.10	.08	.12	.17	.26	.12	.16	.27	.27	.22	.23	.21	.12	.07	.07	.07	.09	.08	.08	.11	.13	.27
26	.08	.09	.08	.07	.11	.09	.08	.08	.07	.10	.19	.24	.27	.31	.24	.14	.07	.07	.07	.07	.07	.16	.26	.50	.15	.50
27	.31	.09	.17	.11	.14	.14	.09	.07	.07	.14	.25	.30	.30	.32	.34	.35	.16	.07	.07	.07	.07	.07	.07	.07	.16	.35
28	.07	.08	.07	.07	.08	.11	.08	.09	.10	.11	.14	.18	.19	.18	.22	.21	.11	.08	.07	.08	.18	.20	.10	.07	.12	.22
29	.08	.07	.07	.07	.09	.09	.32	.18	.22	.11	.09	.14	.21	.16	.12	.13	.17	.17	.57	.57	.67	.66	.78	.73	.27	.78
30	.77	.47	.57	.61	.51	.35	.20	.38	.56	.76	.69	.80	.87	.93	.90	.83	.75	.62	.72	.33	.48	.83	.87	.84	.65	.93
AV	.19	.20	.19	.16	.16	.17	.15	.16	.17	.20	.23	.29	.31	.33	.33	.30	.26	.21	.20	.19	.22	.24	.25	.22	.22	.94
SD	.19	.20	.22	.21	.20	.20	.19	.20	.19	.22	.20	.19	.20	.20	.18	.20	.23	.21	.21	.17	.19	.21	.25	.23	.21	[ ]

QHOUT -- OU000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

DEC, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.82	.92	.87	.79	.84	.85	.89	.86	.87	.88	.87	.80	.89	.84	.83	.70	.76	.70	.62	.70	.65	.56	.37	.42	.76	.92
2	.50	.71	.77	.67	.69	.66	.47	.41	.40	.54	.65	.60	.50	.48	.41	.32	.21	.17	.32	.21	.15	.08	.06	.12	.42	.77
3	.18	.17	.07	.07	.07	.10	.17	.33	.21	.14	.24	.27	.34	.28	.23	.24	.17	.07	.06	.02	.02	.02	.01	.02	.15	.34
4	.02	.02	.09	.23	.07	.03	.02	.03	.08	.05	.17	.24	.29	.34	.30	.16	.08	.09	.03	.02	.04	.03	.03	.02	.10	.34
5	.04	.15	.16	.15	.30	.47	.43	.47	.34	.21	.17	.25	.27	.28	.22	.16	.07	.02	.02	.02	.02	.02	.09	.15	.19	.47
6	.03	.02	.03	.06	.07	.07	.07	.08	.04	.06	.17	.23	.29	.26	.31	.13	.05	.02	.02	.05	.06	.03	.02	.02	.09	.31
7	.13	.09	.06	.07	.04	.03	.05	.09	.04	.03	.03	.06	.10	.15	.14	.19	.25	.22	.13	.18	.24	.33	.34	.32	.14	.34
8	.25	.27	.37	.44	.44	.49	.33	.22	.14	.16	.23	.26	.30	.33	.30	.27	.16	.07	.10	.04	.02	.02	.06	.03	.22	.49
9	.02	.02	.04	.03	.02	.05	.10	.03	.04	.06	.12	.17	.17	.18	.19	.14	.07	.08	.09	.12	.06	.02	.02	.01	.08	.19
10	.01	.01	.01	.02	.02	.02	.02	.04	.03	.06	.12	.15	.18	.15	.13	.12	.07	.02	.01	.02	.02	.01	.01	.02	.05	.18
11	.02	.05	.04	.03	.05	.18	.22	.10	.26	.19	.18	.15	.16	.18	.20	.21	.14	.05	.02	.02	.02	.02	.02	.04	.11	.26
12	.02	.02	.05	.04	.11	.11	.07	.07	.31	.58	.50	.23	.20	.19	.20	.16	.12	.04	.02	.03	.02	.05	.03	.02	.13	.58
13	.08	.12	.03	.04	.05	.04	.09	.07	.06	.09	.12	.17	.16	.16	.20	.20	.04	.06	.06	.26	.54	.17	.14	.41	.14	.54
14	.44	.39	.35	.33	.41	.28	.17	.16	.26	.26	.22	.21	.30	.38	.31	.08	.03	.02	.02	.02	.04	.09	.08	.15	.21	.44
15	.18	.05	.04	.03	.03	.02	.06	.06	.11	.05	.05	.15	.22	.18	.16	.11	.04	.02	.03	.03	.06	.07	.03	.07	.08	.22
16	.08	.03	.03	.12	.10	.07	.01	.02	.09	.02	.08	.16	.12	.10	.13	.08	.06	.06	.03	.03	.05	.03	.05	.01	.06	.16
17	.03	.03	.08	.10	.07	.06	.08	.04	.01	.05	.09	.18	.11	.10	.13	.09	.03	.04	.02	.03	.02	.02	.03	.14	.07	.18
18	.15	.16	.29	.31	.36	.22	.40	.30	.20	.15	.18	.27	.41	.41	.35	.20	.03	.09	.10	.29	.25	.10	.17	.09	.23	.41
19	.05	.02	.02	.07	.05	.03	.01	.02	.02	.03	.11	.17	.21	.24	.20	.14	.04	.02	.02	.03	.02	.04	.05	.03	.07	.24
20	.03	.05	.03	.01	.01	.03	.01	.06	.12	.07	.10	.17	.23	.18	.14	.06	.02	.02	.05	.03	.04	.06	.08	.11	.07	.23
21	.07	.15	.04	.05	.04	.02	.01	.02	.03	.04	.09	.21	.18	.14	.07	.06	.07	.04	.02	.07	.18	.15	.11	.02	.08	.21
22	.06	.03	.05	.07	.10	.08	.02	.11	.41	.62	.80	.78	.83	.80	.78	.71	.91	.77	.67	.41	.33	.61	.54	.67	.47	.91
23	.82	.37	.67	.82	.75	.80	.68	.46	.39	.33	.24	.11	.15	.48	.38	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.50	.82
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
AV	.18	.17	.18	.20	.20	.20	.19	.18	.19	.20	.24	.26	.29	.30	.27	.21	.16	.12	.11	.12	.13	.12	.11	.13	.19	.92
SD	.24	.23	.26	.25	.26	.26	.24	.21	.20	.23	.23	.19	.21	.20	.19	.17	.23	.20	.19	.17	.18	.17	.14	.17	.21	[ ]

QHOUT -- 00000 <811111.1807>

SITE 6

WIND SPEED [CC;01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.5	.9	1.9	1.1	2.2	1.9	1.9	2.5	2.7	1.3	1.8	1.9	5.1	12.8	4.9	3.6	3.2	4.6	6.7	4.6	3.6	3.1	3.4	5.2	3.4	12.8
2	5.3	8.0	8.9	8.4	6.3	5.3	3.8	5.0	2.9	1.6	1.9	1.6	3.5	6.8	4.8	4.2	1.1	3.0	1.7	2.0	2.3	3.0	3.6	6.0	4.2	8.9
3	6.4	5.9	6.4	5.3	4.6	4.4	5.5	4.4	5.0	4.5	2.1	1.5	4.0	3.1	2.2	3.0	.9	3.1	4.0	3.2	2.5	3.9	3.4	2.7	3.8	6.4
4	4.6	3.0	3.5	2.5	4.1	8.4	9.9	9.5	11.1	5.7	10.4	11.9	11.8	13.4	6.4	6.4	3.3	5.7	5.8	4.6	7.0	6.0	4.3	4.6	6.8	13.4
5	5.7	4.2	3.1	4.0	3.8	4.0	4.5	2.7	2.8	3.5	2.4	3.7	4.5	2.4	3.1	2.5	2.9	1.7	2.2	1.4	1.7	3.7	4.0	4.1	3.3	5.7
6	2.8	2.5	6.5	4.7	6.3	7.4	9.1	8.8	5.6	11.6	7.1	11.2	12.8	11.5	10.5	13.0	9.8	9.1	4.1	1.5	2.1	1.8	3.4	5.7	7.0	13.0
7	7.8	7.5	5.2	4.1	4.8	3.8	3.9	4.3	4.1	3.3	3.2	2.2	2.8	2.5	2.9	4.1	3.7	1.8	2.4	4.1	4.0	4.7	5.9	4.9	4.1	7.8
8	3.5	3.9	3.5	2.9	4.3	3.1	2.9	3.2	2.1	1.7	2.0	2.4	2.8	4.7	2.9	2.8	2.9	3.1	1.8	3.0	3.0	2.4	4.1	4.2	3.1	4.7
9	2.6	3.2	2.5	1.9	2.3	2.8	2.5	2.8	1.8	1.5	2.1	2.5	2.8	4.1	4.8	5.2	5.6	2.4	2.2	2.8	4.3	3.6	4.7	3.6	3.1	5.6
10	3.3	4.1	3.4	1.7	1.8	2.5	2.7	2.3	3.0	2.1	2.1	3.3	3.1	2.9	2.7	3.8	3.0	4.3	1.7	2.4	4.0	4.9	3.1	3.6	3.0	4.9
11	3.2	2.7	2.3	2.5	2.6	2.2	1.8	2.1	1.6	2.1	1.9	2.1	3.1	1.2	2.3	3.4	3.5	3.4	2.2	5.1	3.5	4.1	3.1	3.9	2.7	5.1
12	3.2	3.9	3.4	4.0	4.7	3.4	2.5	1.7	2.1	1.9	1.5	2.7	2.0	2.1	2.1	2.0	1.2	1.6	3.1	3.0	4.4	5.1	4.2	2.2	2.8	5.1
13	2.9	3.5	3.9	2.6	3.0	2.4	2.7	4.0	4.2	3.7	2.1	1.9	2.4	3.4	2.0	2.4	2.6	5.4	4.2	3.6	4.8	3.3	3.7	3.7	3.3	5.4
14	6.4	5.5	4.9	4.5	3.8	3.6	4.3	3.8	2.9	2.2	2.5	2.8	3.2	3.4	3.6	5.5	4.7	2.7	3.4	4.6	6.6	6.2	3.4	5.3	4.2	6.6
15	5.1	4.0	5.4	7.1	3.8	6.0	8.4	6.4	4.0	3.6	2.7	2.3	2.0	5.4	3.5	4.1	4.3	2.4	4.9	6.1	7.3	7.7	6.9	7.3	5.0	8.4
16	6.3	4.6	4.7	2.9	3.8	4.5	3.9	4.4	4.0	2.5	1.9	1.4	2.3	3.8	4.7	7.6	8.4	6.8	7.6	9.1	6.0	2.9	2.1	3.6	4.6	9.1
17	10.1	11.0	10.2	4.5	3.1	2.5	2.9	2.3	2.2	3.5	3.7	7.2	7.1	3.1	2.1	3.2	7.1	6.5	3.4	4.8	3.5	2.5	2.3	3.1	4.7	11.0
18	4.6	6.1	2.9	3.9	4.5	4.6	4.6	3.9	2.4	2.5	2.2	2.3	5.4	5.7	2.9	7.8	9.8	10.1	6.6	6.0	2.3	3.4	3.5	3.8	4.7	10.1
19	2.4	1.8	1.6	2.1	3.8	2.8	3.8	3.0	2.6	1.7	2.2	3.5	6.7	7.2	11.5	19.5	14.9	12.7	8.3	7.3	10.3	6.3	1.9	1.9	5.8	19.5
20	5.2	5.4	5.8	6.0	3.0	3.3	3.8	4.0	2.9	1.8	2.7	4.5	11.0	15.3	15.7	14.3	11.9	9.0	4.2	3.5	3.2	3.4	3.7	2.3	6.1	15.7
21	4.2	10.0	13.9	19.7	18.6	19.2	20.1	22.2	22.9	25.0	16.0	13.0	6.2	9.3	5.6	5.2	7.6	9.6	9.3	2.5	3.8	3.6	3.0	3.3	11.4	25.0
22	5.0	1.8	3.4	6.0	7.8	6.7	6.2	3.7	3.3	3.1	2.6	2.2	10.4	16.3	15.6	22.8	18.5	17.6	12.8	7.1	3.0	8.0	4.6	4.9	8.1	22.8
23	5.7	7.3	4.8	2.9	4.5	3.0	2.9	2.7	2.8	2.5	3.3	3.7	3.8	3.3	4.2	5.7	4.6	4.1	2.7	2.7	3.1	3.3	3.8	3.1	3.8	7.3
24	2.1	2.6	2.5	1.6	1.5	2.3	2.5	3.3	2.8	1.7	3.1	4.0	5.4	2.0	2.7	2.3	3.5	4.2	3.7	4.3	4.1	3.7	3.8	5.6	3.1	5.6
25	3.6	5.1	5.7	4.5	2.5	2.6	2.9	3.5	2.3	3.5	2.2	2.9	2.0	2.8	2.3	3.4	2.7	1.8	2.3	2.8	2.2	1.3	2.8	3.5	3.0	5.7
26	4.6	2.9	2.8	1.8	1.9	3.7	2.4	2.3	2.1	1.8	3.1	2.7	5.2	3.9	3.6	2.2	6.0	2.3	2.5	2.2	1.4	2.7	4.3	3.4	3.0	6.0
27	7.8	7.0	11.9	12.8	27.3	24.1	25.1	23.3	16.7	8.2	4.2	3.4	2.8	2.7	2.8	3.3	4.6	6.0	3.8	3.8	4.8	4.5	4.8	5.7	9.2	27.3
28	5.0	3.0	1.9	2.7	2.9	3.1	2.7	1.6	1.7	2.5	3.6	3.3	2.9	2.5	3.8	6.0	4.3	4.4	1.8	2.8	1.7	1.4	3.4	2.6	3.0	6.0
29	2.7	2.2	2.0	.9	2.5	1.7	2.3	1.4	1.5	2.4	3.1	5.3	6.5	4.4	3.0	3.0	4.3	4.0	3.5	6.0	4.6	7.2	6.2	5.7	3.6	7.2
30	7.5	6.6	8.0	3.9	3.5	3.5	4.2	4.9	3.1	3.3	1.7	2.3	2.7	3.3	2.9	3.5	1.2	1.8	2.2	3.7	5.2	4.1	5.6	3.0	3.8	8.0
31	1.2	2.3	3.7	4.0	3.7	4.3	3.4	2.3	2.8	2.1	2.6	2.6	3.5	2.5	6.7	5.9	6.9	11.8	7.8	9.9	3.8	6.0	3.6	3.5	4.5	11.8
AV	4.6	4.6	4.9	4.4	4.9	4.9	5.2	4.9	4.3	3.8	3.4	3.8	4.8	5.4	4.8	5.9	5.5	5.4	4.3	4.2	4.0	4.1	3.9	4.1	4.6	27.3
SD	2.1	2.4	3.0	3.7	5.1	4.8	5.1	5.1	4.6	4.5	2.9	3.0	3.0	4.2	3.7	5.0	4.1	3.8	2.7	2.1	1.9	1.7	1.1	1.3	3.6	[ ]

QHOUT -- QUOOO <611111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.1	3.0	4.1	4.1	4.1	2.2	2.5	4.0	4.5	1.9	2.4	3.1	3.0	3.7	4.2	5.0	4.2	5.0	4.2	7.2	8.7	7.6	5.8	2.4	4.1	8.7
2	1.0	4.5	5.3	2.5	3.5	2.4	3.4	2.6	1.9	2.3	3.6	3.6	3.4	3.2	2.6	3.2	3.9	4.0	3.4	4.1	5.3	8.0	9.9	10.8	4.1	10.8
3	8.1	9.2	3.1	4.7	2.2	2.0	1.4	2.0	6.5	4.1	3.7	3.7	2.4	3.9	5.2	11.0	10.6	14.3	17.0	14.8	13.8	18.0	26.0	23.3	8.8	26.0
4	19.4	10.7	9.4	8.8	8.6	7.8	8.2	10.3	7.8	7.3	10.7	9.4	10.2	10.0	10.7	11.9	10.4	12.8	15.7	14.0	10.0	4.5	5.9	4.0	9.9	19.4
5	4.5	5.6	5.3	7.4	7.1	8.1	7.7	7.1	5.4	1.5	1.0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5.5	8.1
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1.9	3.8	3.1	6.9	13.6	18.1	17.5	17.6	6.7	6.3	5.1	6.1	8.9	18.1
9	6.8	5.5	5.9	5.4	5.7	4.8	3.5	4.2	2.6	2.1	2.7	3.1	3.4	4.2	5.4	3.9	5.0	4.1	3.3	2.3	3.2	3.4	3.0	2.0	4.0	6.8
10	3.6	1.9	2.7	4.8	3.5	4.1	3.1	4.7	2.9	2.8	1.9	2.5	4.6	5.9	5.9	4.9	6.3	6.2	2.7	4.1	5.0	5.6	4.9	5.4	4.2	6.3
11	5.9	4.6	4.4	2.7	2.6	1.6	3.3	1.2	1.7	1.9	[PF]	3.2	3.2	3.2	3.4	3.7	2.8	2.0	3.1	6.1	7.2	5.8	5.7	5.5	3.7	7.2
12	6.2	4.5	4.0	4.2	4.2	4.1	2.9	2.3	2.6	2.1	2.4	4.5	4.8	5.8	5.4	4.8	5.1	3.4	2.2	4.2	5.4	6.3	4.2	4.4	4.2	6.3
13	4.5	4.8	4.8	3.4	3.4	3.8	4.4	3.2	3.0	1.8	2.5	3.5	6.4	7.0	8.6	5.2	2.7	3.1	2.4	1.7	2.2	2.7	2.8	2.7	3.8	8.6
14	2.1	2.3	2.7	1.4	1.7	3.1	1.8	1.7	2.0	3.6	2.9	2.7	2.1	4.4	6.6	6.6	7.8	4.1	1.7	4.0	6.3	5.6	3.7	3.0	3.5	7.8
15	2.5	4.1	1.7	3.8	3.6	3.6	2.7	4.4	2.7	2.0	1.9	3.0	2.3	5.0	6.7	6.6	3.1	2.8	3.6	1.6	2.7	4.7	4.4	2.1	3.4	6.7
16	2.8	3.5	1.9	3.3	2.7	2.8	2.9	3.1	3.8	2.5	2.3	2.7	3.5	5.8	7.8	4.3	2.1	8.4	5.3	4.5	3.3	3.3	3.2	3.7	3.7	8.4
17	4.1	1.7	2.5	3.9	3.3	2.7	3.8	3.0	1.3	2.6	3.1	3.9	8.1	7.0	4.0	3.0	4.9	4.2	2.3	2.9	2.0	2.1	2.6	3.3	3.4	8.1
18	2.0	4.1	3.0	1.6	1.6	2.9	2.6	2.2	4.4	4.1	3.3	8.7	8.8	6.9	5.3	3.5	6.1	3.4	1.3	3.8	6.4	6.7	9.8	8.4	4.6	9.8
19	5.7	6.7	3.8	9.8	3.7	3.4	3.7	3.2	3.8	2.9	2.1	4.0	4.5	4.1	2.7	3.1	4.1	4.2	2.4	4.7	3.6	3.2	3.3	6.2	4.1	9.8
20	5.9	3.1	4.5	4.6	3.4	2.9	2.7	3.4	3.9	2.9	2.7	3.0	5.2	4.8	4.5	3.6	4.2	3.6	2.3	3.4	6.5	5.6	6.3	7.4	4.2	7.4
21	4.6	5.1	2.8	5.1	3.3	2.9	4.1	2.2	1.6	1.5	3.4	4.2	4.0	3.1	3.4	5.7	4.2	5.3	3.3	3.5	5.6	6.6	7.4	6.5	4.1	7.4
22	4.6	4.2	5.7	6.2	4.4	3.6	3.8	1.7	1.7	2.1	3.9	4.3	6.5	7.4	5.3	3.4	2.6	1.3	3.5	6.0	5.5	4.3	4.1	4.0	4.2	7.4
23	3.0	3.8	3.4	2.9	5.2	4.1	13.4	7.4	7.6	6.6	4.0	5.7	11.6	10.8	15.5	18.5	19.0	11.2	5.4	8.9	3.4	4.6	6.2	8.0	7.9	19.0
24	4.6	2.8	3.1	2.7	3.2	3.6	3.0	3.5	2.5	2.1	4.8	4.1	3.7	4.9	4.3	3.5	5.4	3.4	2.4	1.3	2.5	3.8	5.4	6.8	3.6	6.8
25	6.3	4.6	2.8	5.3	3.5	4.6	3.9	3.8	3.3	2.0	3.4	3.1	4.2	4.2	5.9	5.4	6.3	5.6	4.1	4.1	7.3	8.3	6.3	7.2	4.8	8.3
26	7.0	4.6	3.8	2.6	4.6	4.3	5.1	3.8	2.1	2.1	2.2	3.7	5.1	3.9	2.9	3.6	14.0	11.8	9.5	6.9	6.2	7.4	6.6	5.7	5.4	14.0
27	6.3	4.7	3.5	3.4	5.5	4.5	4.6	3.7	2.2	3.3	2.8	3.6	6.2	7.0	6.1	9.6	3.9	10.3	8.7	8.9	7.0	8.9	6.8	6.2	5.7	10.3
28	5.9	7.1	6.0	4.5	5.0	6.4	3.7	3.8	3.1	2.9	4.4	5.3	5.0	5.6	6.2	5.3	3.0	1.4	3.1	6.5	7.2	9.3	5.0	5.5	5.1	9.3
AV	5.2	4.7	4.0	4.4	4.0	3.9	4.1	3.7	3.4	2.8	3.3	4.1	5.0	5.4	5.7	5.8	6.2	6.2	5.2	5.9	5.7	6.1	6.2	6.0	4.9	26.0
SD	3.5	2.1	1.7	2.0	1.6	1.6	2.5	2.0	1.8	1.4	1.8	1.7	2.5	2.0	2.8	3.6	4.2	4.4	4.8	4.2	2.7	3.2	4.5	4.2	3.1	[ ]

QHOUT -- OU000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT. #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8.4	7.8	6.5	8.0	4.1	3.0	1.5	2.9	2.1	2.4	6.8	8.0	5.1	6.2	13.9	6.3	15.0	15.5	13.3	13.6	9.5	10.6	7.9	6.9	7.7	15.5
2	5.6	2.9	3.0	2.6	2.0	2.4	1.8	3.4	3.9	3.4	12.4	14.7	16.1	18.8	13.6	10.4	10.0	9.0	6.5	5.1	8.4	12.0	11.2	4.5	7.7	18.8
3	3.7	1.6	4.2	9.6	3.0	4.0	2.7	1.2	2.9	2.2	1.4	1.3	1.2	2.7	3.7	3.3	3.9	7.8	8.7	8.4	4.5	2.7	2.7	1.8	3.7	9.6
4	2.5	2.3	2.2	2.2	3.4	5.4	3.7	3.6	5.4	3.2	2.7	4.5	5.1	3.9	7.7	8.8	7.7	7.1	8.9	4.6	1.1	1.8	2.4	3.0	4.3	8.9
5	3.8	3.4	3.0	3.5	1.7	2.7	4.1	2.5	1.9	3.1	3.5	5.0	5.2	5.5	6.3	10.7	5.7	2.1	3.3	5.7	6.6	4.1	6.1	7.8	4.5	10.7
6	7.2	8.0	6.7	9.3	9.5	6.0	6.0	6.4	3.7	2.5	4.0	5.7	6.8	6.5	6.5	3.6	5.1	5.0	4.3	3.5	4.0	2.8	2.1	2.3	5.3	9.5
7	1.8	2.0	3.2	3.8	4.4	4.7	3.8	2.3	1.2	1.7	1.7	2.2	3.6	4.7	4.9	6.3	5.0	3.9	2.7	4.9	4.9	5.6	6.4	5.7	3.8	6.4
8	8.2	4.4	3.7	3.7	3.5	3.6	1.9	2.3	1.7	3.0	3.9	3.2	2.9	2.8	4.7	4.8	4.2	1.6	2.9	5.5	4.9	5.6	4.8	5.2	3.9	8.2
9	5.2	4.8	6.6	5.7	7.2	3.2	4.6	1.9	2.0	2.7	4.3	4.1	9.5	9.0	12.2	9.8	10.7	8.8	7.9	7.2	3.4	3.9	2.5	3.5	5.9	12.2
10	3.3	3.8	2.9	3.4	4.2	4.7	4.0	2.3	1.9	2.1	1.7	3.3	9.0	6.6	3.0	10.0	11.1	11.3	7.3	6.4	8.7	3.7	3.1	4.5	5.1	11.3
11	5.0	3.9	3.0	3.3	3.1	3.8	4.1	3.3	2.2	2.5	13.4	22.6	20.9	21.1	22.9	16.5	16.4	13.4	13.6	14.4	12.3	13.1	13.5	16.4	11.0	22.9
12	12.0	9.8	11.0	17.2	18.9	15.4	9.7	9.6	9.3	12.0	16.3	19.4	19.2	16.5	15.7	15.0	12.9	11.2	7.3	2.8	2.8	4.5	6.6	4.8	11.7	19.4
13	6.0	2.7	4.9	6.0	7.5	5.6	3.0	2.2	2.9	4.5	3.6	3.3	6.0	5.3	6.2	6.3	4.8	3.9	3.6	3.6	6.3	7.6	7.0	7.8	5.0	7.8
14	7.3	5.9	6.1	4.7	3.1	2.4	3.9	2.5	2.0	2.5	4.4	3.6	2.5	12.3	16.9	15.4	14.6	11.4	5.5	9.6	10.4	6.5	5.2	2.8	6.7	16.9
15	2.3	2.3	13.5	9.1	3.1	3.0	4.7	2.5	7.7	7.6	12.0	15.3	15.4	15.3	14.5	11.5	10.4	10.6	11.7	10.1	8.5	3.9	2.7	2.2	8.3	15.4
16	2.8	2.5	2.3	2.8	2.4	7.7	4.5	8.3	13.4	18.7	22.0	20.7	18.4	17.7	21.8	24.6	21.4	18.6	17.1	4.8	6.9	2.8	2.7	3.0	11.2	24.6
17	1.1	3.9	11.2	11.1	8.8	3.6	1.7	2.3	2.8	3.5	8.9	5.7	10.2	12.6	11.5	6.8	11.1	8.1	6.4	4.8	2.8	2.3	2.7	3.5	6.1	12.6
18	4.1	6.2	7.8	3.0	3.2	3.3	5.3	3.8	2.8	10.2	24.3	26.4	25.7	25.5	24.8	22.6	21.0	20.5	25.9	19.2	2.1	3.5	2.6	12.6	12.8	26.4
19	8.9	10.1	9.7	7.3	6.4	3.9	3.9	3.4	1.7	5.9	10.9	11.6	16.1	14.9	15.3	10.3	19.7	22.5	22.7	17.5	14.4	12.8	10.1	7.6	11.2	22.7
20	6.1	4.4	6.6	6.4	6.9	6.7	5.6	1.8	3.5	8.7	16.0	11.0	10.7	12.8	10.5	10.0	7.4	10.9	8.2	5.3	4.2	3.8	1.7	3.1	7.2	16.0
21	3.8	4.0	5.9	6.9	6.3	5.3	5.8	4.8	2.8	4.9	3.2	3.6	4.9	5.7	6.7	9.5	6.9	7.6	8.9	7.6	7.9	5.1	3.2	7.2	5.8	9.5
22	7.7	6.0	7.3	7.8	8.6	7.9	5.0	5.0	1.8	3.4	4.4	5.6	4.5	6.7	6.2	8.9	5.3	8.2	5.2	3.6	3.7	5.8	3.2	3.1	5.6	8.9
23	6.6	8.1	7.3	5.6	6.3	8.1	6.7	5.8	5.8	5.2	9.6	9.0	10.2	7.1	6.4	5.9	5.8	5.0	5.1	2.6	5.6	8.6	6.7	7.0	6.7	10.2
24	4.6	6.5	4.5	5.4	4.6	6.2	7.8	8.6	6.2	4.2	8.7	7.4	5.6	6.7	9.0	8.2	8.0	8.1	6.6	7.5	9.1	9.2	13.8	16.7	7.6	16.7
25	17.3	9.8	7.5	4.3	3.2	2.3	3.2	2.1	1.8	3.1	4.4	3.7	4.1	4.4	5.6	5.7	4.3	5.0	3.3	2.3	4.0	5.9	5.2	5.7	4.9	17.3
26	4.6	3.2	3.8	2.1	2.4	2.5	2.5	1.9	1.9	3.2	7.4	6.5	9.3	10.3	5.8	4.8	4.4	3.4	4.9	2.1	1.7	1.5	3.3	2.1	4.0	10.3
27	2.9	2.8	3.6	2.7	3.7	2.5	2.0	3.1	3.0	2.1	3.5	6.4	4.9	4.9	5.5	5.2	4.8	7.3	10.2	8.0	9.3	6.2	3.1	3.2	4.6	10.2
28	3.9	2.4	3.3	3.1	6.3	6.7	7.2	8.5	11.4	10.7	16.1	18.6	20.3	20.4	17.0	22.8	23.8	16.5	18.3	19.9	10.7	3.9	7.8	12.0	12.2	23.8
29	16.7	17.8	20.0	14.0	8.0	6.0	14.0	8.0	6.0	4.0	8.0	8.0	14.0	22.0	13.0	10.0	7.0	12.0	10.0	8.0	9.0	4.0	5.0	3.0	10.3	22.0
30	4.0	2.0	2.0	3.0	3.5	4.0	10.0	12.0	10.0	18.0	18.0	22.0	24.0	18.0	15.7	18.9	14.4	18.3	12.7	3.4	4.4	6.0	8.1	6.2	10.8	24.0
31	5.4	3.9	3.4	2.4	3.9	2.8	1.7	1.3	1.5	3.9	4.6	15.9	9.9	13.4	8.7	13.6	15.3	15.2	10.9	12.6	17.0	14.8	12.7	9.3	8.5	17.0
AV	5.9	5.1	6.0	5.8	5.3	4.8	4.7	4.2	4.1	5.3	8.5	9.6	10.4	11.0	10.8	10.5	10.3	10.0	9.2	7.6	6.7	6.0	5.7	6.0	7.2	26.4
SD	3.8	3.4	3.9	3.6	3.3	2.6	2.8	2.8	3.2	4.4	6.2	7.1	6.8	6.5	5.9	5.7	5.8	5.5	5.7	4.9	3.8	3.5	3.5	3.9	5.2	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	12.5	8.2	6.7	7.7	10.3	7.2	2.9	3.2	14.4	20.6	23.1	23.6	24.1	22.5	24.4	25.1	26.5	20.5	19.3	15.9	14.7	12.7	15.2	8.9	15.4	26.5
2	13.6	16.1	19.4	17.2	15.0	17.7	19.9	19.8	18.1	17.5	17.7	21.9	23.5	19.0	16.1	15.2	15.1	14.9	11.2	12.3	3.9	5.7	6.3	6.0	15.1	23.5
3	6.0	7.0	5.5	3.4	2.6	1.0	2.2	2.1	1.8	3.4	4.1	4.7	5.5	7.7	12.1	14.6	16.4	12.4	8.6	7.1	6.4	9.6	12.0	14.5	7.1	16.4
4	12.0	9.3	6.7	2.2	1.7	1.8	1.7	2.1	2.0	15.6	23.5	23.0	25.2	28.1	31.0	34.8	30.6	26.8	31.7	26.7	20.6	18.2	16.1	9.7	16.7	34.8
5	4.5	5.9	3.3	6.4	9.0	4.5	4.4	3.9	3.3	4.9	5.2	4.9	5.8	4.6	5.2	5.5	7.1	5.0	3.8	5.7	3.4	1.3	2.6	2.5	4.7	9.0
6	3.3	1.5	4.0	5.3	5.2	4.4	2.9	1.7	1.4	2.7	6.8	10.7	10.2	16.2	17.0	22.9	18.9	16.3	12.8	4.5	2.6	4.3	3.2	4.5	7.6	22.9
7	4.6	3.8	2.9	6.6	6.9	10.2	8.3	8.4	5.0	3.2	5.5	13.4	22.7	13.9	5.7	8.8	10.1	8.9	10.5	4.8	5.4	4.6	2.1	5.7	7.6	22.7
8	7.7	7.8	6.5	6.3	7.5	7.3	7.0	4.7	2.0	8.0	12.1	10.7	12.7	12.6	16.4	12.1	12.0	20.6	18.6	14.8	9.0	3.6	6.4	9.2	9.8	20.6
9	6.3	5.3	3.0	5.6	5.6	8.2	7.9	5.5	3.3	7.8	9.6	9.1	9.0	10.0	11.7	11.7	14.2	16.7	11.3	4.1	3.2	3.7	2.6	4.2	7.5	16.7
10	5.9	4.7	7.2	3.8	6.1	4.5	4.1	1.9	2.9	5.6	6.6	6.6	4.8	4.3	4.8	4.9	3.9	3.3	5.2	9.1	7.8	3.2	3.3	4.1	4.9	9.1
11	2.7	1.6	2.2	1.7	3.2	6.0	2.0	1.6	7.1	10.7	11.2	11.5	8.4	10.4	14.4	15.9	15.5	11.7	11.5	6.6	5.8	15.4	19.9	19.1	9.0	19.9
12	13.8	13.6	17.8	18.5	7.4	5.7	5.3	3.2	4.0	5.3	7.6	7.9	13.2	13.8	14.6	12.9	16.4	12.7	10.4	7.2	3.5	4.9	6.1	6.9	9.7	18.5
13	4.4	5.6	3.9	5.1	7.1	6.7	5.2	2.7	2.7	3.7	4.6	7.7	6.5	5.5	5.6	9.7	16.4	10.6	9.6	7.4	10.5	9.0	6.2	5.9	6.8	16.4
14	6.5	3.5	3.4	2.9	3.8	4.3	3.8	1.7	2.0	5.2	12.0	9.4	12.3	21.7	15.6	19.6	12.2	8.2	12.8	4.5	5.5	8.0	10.5	7.7	8.2	21.7
15	6.0	4.3	2.3	3.6	3.0	3.6	4.0	5.4	5.7	8.4	10.7	11.1	16.3	17.6	18.9	21.5	21.1	18.1	14.3	7.1	5.2	6.3	3.9	5.9	9.3	21.5
16	7.6	8.4	10.6	9.8	10.9	11.8	9.5	15.4	12.0	7.9	6.0	6.3	5.6	6.0	4.9	4.8	5.2	3.4	5.2	4.3	4.2	6.9	7.4	8.0	7.6	15.4
17	6.6	6.8	6.8	7.2	8.1	6.8	6.3	2.7	3.3	3.0	3.8	5.6	7.2	6.5	4.9	8.4	7.7	6.8	5.6	3.2	6.8	3.2	5.9	7.4	5.9	8.4
18	8.3	8.5	5.4	7.3	6.9	8.8	5.7	3.8	1.4	4.9	13.8	17.4	21.6	29.4	28.7	26.0	27.1	25.0	21.9	16.4	13.8	14.5	15.3	9.9	14.2	29.4
19	7.6	5.9	3.9	3.6	2.7	5.0	4.9	2.4	3.2	6.4	6.7	6.1	7.1	9.1	9.0	11.2	16.3	17.1	11.8	10.0	9.1	9.2	9.3	13.6	8.0	17.1
20	8.6	10.5	9.4	5.2	6.2	6.7	3.3	7.4	17.7	17.2	15.7	14.0	17.5	17.2	14.1	12.2	9.0	10.7	10.2	10.1	8.2	7.1	3.9	4.7	10.3	17.7
21	4.0	2.1	2.5	2.5	1.4	4.2	4.6	3.4	6.6	9.3	11.9	11.4	12.3	11.0	9.6	7.1	11.0	10.2	8.9	9.6	5.9	4.3	4.1	4.6	6.8	12.3
22	4.6	4.8	5.0	3.2	5.9	4.4	5.6	2.7	3.5	5.0	3.6	6.5	8.7	8.7	8.6	8.8	9.4	10.8	7.6	3.5	3.2	9.3	8.0	2.5	6.0	10.8
23	2.4	2.4	3.3	6.1	5.9	4.2	3.9	3.5	12.4	8.5	7.1	6.2	7.6	5.3	4.4	4.9	10.2	15.0	9.5	8.3	6.8	7.1	3.8	3.9	6.4	15.0
24	1.5	1.8	4.6	5.6	5.4	7.9	4.2	3.1	3.3	3.7	5.2	5.9	8.5	7.8	8.6	9.1	8.7	8.0	8.4	18.1	19.5	14.0	7.7	4.2	7.3	19.5
25	6.1	7.5	10.0	10.4	7.2	6.6	6.8	4.4	2.5	3.2	4.4	6.0	7.5	10.2	16.6	8.2	8.1	6.2	8.5	10.1	5.5	2.8	4.5	5.8	7.0	16.6
26	5.2	6.1	6.8	4.6	6.4	3.3	4.8	4.5	2.4	5.3	9.0	6.5	7.2	8.5	20.0	8.0	5.7	6.1	4.9	11.4	5.7	6.5	3.6	5.6	6.6	20.0
27	3.0	4.0	4.5	3.5	2.9	6.1	5.8	7.7	3.6	8.2	6.4	5.3	7.4	5.9	7.7	7.8	10.7	10.7	6.9	2.9	4.3	3.5	5.2	8.0	5.9	10.7
28	10.6	8.7	8.5	5.7	7.0	5.9	4.3	3.2	2.9	4.1	3.9	5.3	6.7	9.8	7.8	6.3	6.0	4.1	7.0	10.0	11.1	8.8	10.7	11.3	7.1	11.3
29	11.1	18.3	16.3	13.2	16.2	18.7	15.9	8.9	7.8	6.8	10.3	14.1	11.1	9.5	12.3	10.2	10.3	9.0	8.7	5.2	6.9	8.7	4.0	5.4	10.8	18.7
30	6.0	5.3	4.8	5.1	4.1	3.8	4.3	3.4	4.0	4.3	5.3	4.7	6.3	5.3	6.2	6.0	4.2	5.6	6.2	4.7	3.3	6.9	8.5	7.9	5.3	8.5
AV	6.8	6.6	6.6	6.3	6.4	6.6	5.7	4.8	5.4	7.3	9.1	9.9	11.4	11.9	12.6	12.5	12.9	11.8	10.8	8.9	7.4	7.4	7.3	7.3	8.5	34.8
SD	3.3	4.0	4.5	4.0	3.4	3.9	3.8	4.0	4.7	4.7	5.3	5.5	6.3	6.8	7.1	7.4	6.8	6.2	5.8	5.3	4.6	4.1	4.6	3.7	5.6	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.8	.3	1.3	2.9	2.1	2.8	.6	3.2	2.1	5.0	3.8	5.6	14.8	14.8	9.2	3.7	2.5	10.3	19.2	16.6	10.6	9.8	11.4	3.7	6.7	19.2
2	3.3	4.6	6.6	6.6	5.4	3.4	1.7	1.0	1.2	2.0	3.3	5.6	10.8	3.7	5.6	2.2	.5	4.3	6.7	6.7	7.4	6.2	6.1	4.4	4.6	10.8
3	4.3	9.5	5.1	2.6	4.4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	6.1	5.2	5.0	10.1	5.8	6.9	2.4	1.0	3.0	5.1	10.1
4	3.4	3.8	4.7	5.1	3.0	2.9	5.1	2.0	1.4	2.4	6.5	7.5	9.2	12.7	9.7	7.8	16.2	16.0	11.8	6.1	6.4	6.4	3.9	6.1	6.7	16.2
5	3.1	3.1	2.1	4.1	4.6	2.0	1.5	3.6	6.2	4.1	8.6	11.1	8.3	10.7	10.8	10.2	10.3	6.8	3.9	1.6	5.7	7.1	5.4	5.3	5.8	11.1
6	5.1	5.2	8.3	9.4	6.9	6.4	4.9	.5	1.7	4.7	7.1	7.1	6.3	7.3	6.9	5.0	2.7	2.2	2.1	6.5	16.7	16.3	13.4	3.2	6.5	16.7
7	1.5	4.9	7.0	6.3	8.8	6.6	8.1	3.3	1.5	4.3	7.7	8.5	12.5	11.8	12.4	17.2	6.1	8.6	8.9	5.8	4.0	2.9	2.0	1.8	6.8	17.2
8	4.3	2.7	1.6	2.4	1.7	4.5	2.3	2.0	1.2	2.7	9.6	7.2	12.5	19.8	22.8	20.4	20.0	20.1	12.4	7.1	8.9	2.7	2.6	13.7	8.6	22.8
9	11.8	13.2	8.9	9.2	16.0	6.9	9.0	16.7	20.9	19.3	18.8	23.1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	3.5	12.5	10.0	13.3	23.1
10	6.5	6.0	6.5	6.5	2.0	2.5	4.0	4.0	3.0	3.0	7.5	19.5	17.3	16.9	14.8	14.2	15.0	11.6	5.2	7.8	7.3	12.5	11.3	4.7	8.7	19.5
11	6.0	5.3	4.9	4.5	5.7	3.8	1.8	2.8	3.7	4.4	6.0	6.9	11.2	7.9	8.7	8.7	10.9	5.7	6.6	6.4	4.0	4.3	3.0	3.0	5.7	11.2
12	3.2	4.4	3.2	2.3	1.1	1.3	4.5	5.1	6.1	3.5	2.6	3.6	7.2	10.7	12.2	10.5	7.8	6.7	11.0	15.0	9.8	6.9	4.7	4.2	6.2	15.0
13	5.9	5.9	6.1	10.0	12.6	6.0	2.6	6.1	11.5	13.9	15.1	12.8	14.3	16.3	14.1	17.6	14.2	12.5	9.0	8.8	3.3	3.0	3.4	4.5	9.6	17.6
14	6.2	4.9	5.6	8.4	3.9	4.8	2.5	2.5	4.4	4.3	5.8	4.5	5.6	5.6	5.5	6.4	5.8	11.0	10.1	8.9	4.0	3.9	5.1	5.2	5.6	11.0
15	6.6	2.7	3.7	3.9	5.6	3.6	3.4	2.0	3.0	5.9	7.2	5.0	7.0	16.8	11.2	10.6	4.5	3.8	12.8	6.3	7.5	6.9	4.1	5.7	6.2	16.8
16	5.6	8.1	6.6	4.3	4.5	5.6	6.5	3.0	2.3	3.1	5.3	4.7	7.3	12.5	7.1	6.8	9.6	10.1	10.2	5.3	6.4	4.2	2.9	2.5	6.0	12.5
17	2.4	7.1	5.7	3.6	4.1	4.7	2.1	.3	1.5	1.5	2.2	2.4	3.3	3.6	3.5	1.9	7.3	4.8	1.4	3.8	3.0	6.7	5.4	4.0	3.6	7.3
18	6.0	3.0	5.5	5.0	5.0	5.0	3.0	1.2	6.0	12.5	19.5	23.0	18.0	19.5	17.5	20.5	17.0	16.0	12.5	7.0	5.3	7.2	4.7	4.9	10.2	23.0
19	2.6	2.5	2.1	3.5	5.0	6.0	10.5	13.1	6.0	2.0	4.3	10.2	11.0	16.4	7.5	2.9	10.2	7.9	9.5	6.0	4.3	2.2	5.0	6.6	6.6	16.4
20	2.5	5.6	5.9	7.2	6.4	4.5	4.5	1.4	2.8	4.0	4.1	5.4	5.5	6.6	6.7	5.5	4.4	4.2	4.0	3.3	2.5	4.2	7.4	8.3	4.9	8.3
21	7.9	5.7	4.4	6.3	5.4	7.5	5.4	2.1	3.1	3.2	3.0	4.0	4.5	4.3	5.7	6.8	6.8	7.1	6.7	5.2	5.3	6.4	9.6	6.8	5.6	9.6
22	5.3	4.5	5.1	4.2	4.6	6.6	2.5	2.0	1.7	2.3	2.7	4.8	5.4	5.0	12.8	6.9	11.7	14.5	12.8	7.1	1.3	6.8	7.4	7.0	6.0	14.5
23	5.1	6.2	4.7	5.1	6.0	3.1	1.6	2.3	3.1	6.3	10.4	6.2	4.5	6.1	5.6	7.4	6.5	6.7	5.9	17.6	5.1	4.0	3.1	3.2	5.7	17.6
24	3.9	4.7	7.5	5.3	6.1	6.1	3.5	1.2	5.4	5.4	6.7	6.2	5.5	11.2	16.6	17.3	10.9	13.7	17.4	15.1	11.9	9.4	9.9	3.8	8.5	17.4
25	1.6	2.8	3.9	5.9	5.4	3.0	1.1	1.6	2.4	2.9	5.2	5.5	7.6	7.9	7.8	4.0	4.6	3.8	7.6	8.4	8.4	12.3	12.9	6.7	5.6	12.9
26	4.6	6.0	5.0	5.3	6.8	4.8	4.2	3.1	2.2	3.6	5.4	5.0	6.4	5.8	5.7	4.6	11.9	11.9	8.5	7.7	9.6	10.1	10.7	9.8	6.6	11.9
27	12.1	8.9	6.3	7.6	3.5	4.4	6.6	2.2	10.7	18.0	15.7	12.4	9.3	8.4	8.6	8.1	11.3	16.6	16.7	13.8	14.2	13.3	14.9	12.8	10.7	18.0
28	14.8	12.2	15.0	17.1	16.6	17.9	14.1	7.9	7.6	10.4	14.1	14.5	13.8	14.4	15.4	16.0	12.9	12.0	11.0	11.0	9.1	5.1	3.5	6.6	12.2	17.9
29	6.9	1.9	2.0	4.0	4.9	6.9	5.3	3.4	2.9	2.9	4.4	5.0	6.2	7.1	9.8	4.9	10.7	13.1	12.1	14.0	6.8	4.8	1.6	8.1	6.2	14.0
30	7.7	9.4	13.2	10.1	7.8	8.4	10.1	10.1	11.4	9.0	10.8	17.1	12.5	5.6	4.8	5.1	7.7	3.4	7.6	3.5	4.3	5.1	5.5	5.5	8.2	17.1
31	5.4	6.7	6.2	4.2	3.3	3.3	2.2	1.7	2.8	4.6	5.0	5.1	3.7	4.8	5.7	5.1	5.8	6.5	6.9	5.7	4.3	3.9	7.1	5.1	4.8	7.1
AV	5.5	5.5	5.6	5.9	5.8	5.2	4.5	3.7	4.7	5.7	7.6	8.7	9.0	10.1	9.8	8.8	9.0	9.2	9.4	8.1	6.8	6.5	6.5	5.8	7.0	23.1
SD	3.0	2.9	3.0	3.0	3.6	3.0	3.2	3.7	4.3	4.6	4.7	5.6	4.1	5.0	4.6	5.5	4.6	4.7	4.2	4.1	3.5	3.5	3.9	2.8	4.4	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.3	5.3	3.4	3.8	3.3	4.8	3.5	1.6	2.2	3.6	9.5	11.4	12.2	17.8	28.2	25.5	19.1	19.5	22.1	20.4	15.3	14.1	8.9	4.8	11.1	28.2
2	6.8	6.5	4.8	4.8	6.0	5.3	5.9	4.4	3.4	3.9	8.9	10.9	10.2	12.9	11.2	9.8	10.4	10.2	10.6	12.0	7.8	15.1	10.6	4.5	8.2	15.1
3	3.0	3.4	3.7	4.7	5.1	6.9	4.7	3.7	2.0	5.3	6.3	7.5	8.5	8.8	8.9	8.9	6.6	5.6	3.2	3.0	3.7	5.7	6.4	6.6	5.5	8.9
4	6.6	8.1	4.1	3.5	3.4	3.8	2.8	2.2	9.0	16.6	20.8	21.8	19.8	19.3	20.0	20.4	18.3	18.9	17.4	10.1	5.2	2.7	5.1	3.7	11.0	21.8
5	7.3	16.0	17.4	14.2	9.9	7.7	2.8	3.1	4.8	17.9	21.7	20.7	22.1	25.4	27.8	25.2	26.2	23.6	25.4	19.9	22.2	14.2	5.4	5.2	16.1	27.8
6	3.4	3.3	5.0	3.7	9.0	4.5	4.0	3.8	6.7	6.8	4.9	5.7	11.6	10.2	12.7	9.4	11.5	12.4	9.9	7.4	3.3	6.3	9.7	6.8	7.2	12.7
7	7.4	5.6	5.4	3.3	4.5	5.1	2.2	2.2	3.4	3.7	5.7	8.6	17.3	17.7	18.6	18.3	18.6	18.8	15.8	12.2	10.7	10.7	8.1	12.7	9.9	18.8
8	6.2	6.3	4.3	3.0	2.6	3.9	2.5	6.1	15.2	15.4	9.8	16.3	16.6	19.2	20.0	19.9	19.4	17.3	15.6	12.5	9.5	8.4	10.3	17.4	11.6	20.0
9	19.7	15.4	14.8	9.5	4.3	3.2	3.1	3.0	5.7	7.2	5.8	5.5	5.1	7.5	7.0	9.5	7.3	6.4	4.3	3.8	2.6	6.7	7.7	5.7	7.1	19.7
10	7.4	6.2	6.7	9.3	6.8	5.4	3.1	1.4	2.0	3.9	3.6	4.9	5.1	5.0	7.0	6.9	10.9	11.1	11.9	9.9	9.1	10.1	5.5	2.5	6.5	11.9
11	5.4	4.9	3.7	4.9	5.4	6.0	6.0	3.7	5.2	4.0	5.2	5.2	6.4	6.9	9.3	10.4	10.1	11.4	8.3	5.4	4.8	7.1	9.4	7.2	6.5	11.4
12	6.8	6.7	5.6	4.0	7.2	2.3	1.9	1.3	3.2	4.8	5.0	8.4	6.9	5.2	6.4	9.5	6.3	9.2	8.7	5.7	1.6	4.3	4.7	3.4	5.4	9.5
13	3.5	4.3	4.0	3.8	3.4	3.0	3.5	2.4	2.9	8.1	11.3	13.9	13.3	10.0	13.5	14.4	13.0	9.6	11.1	7.5	5.0	8.1	8.6	6.5	7.7	14.4
14	4.2	5.1	9.3	7.5	5.4	7.6	4.7	2.8	3.2	8.3	6.7	6.3	6.6	17.1	18.3	16.2	12.4	18.0	13.9	16.7	12.1	6.0	1.5	2.8	8.9	18.3
15	4.1	4.2	5.0	4.6	4.8	4.5	2.9	1.5	3.7	6.0	6.6	7.4	6.3	5.8	6.3	7.1	8.5	7.3	4.0	5.4	4.1	4.0	5.8	7.8	5.3	8.5
16	9.5	8.4	7.9	7.9	6.7	6.3	5.2	2.2	2.8	3.5	3.9	4.5	5.8	5.9	4.9	6.6	11.6	14.3	9.2	8.4	4.9	8.1	10.3	13.3	7.2	14.3
17	12.0	5.5	5.1	4.4	4.3	3.7	4.0	2.6	3.2	4.2	4.1	4.8	4.5	9.2	8.6	10.9	12.0	7.8	8.0	8.5	5.6	10.5	8.4	15.8	7.0	15.8
18	17.4	17.3	13.5	14.6	20.1	18.7	14.8	11.6	13.1	11.3	12.1	9.1	11.3	8.6	10.6	11.9	8.6	9.8	12.9	16.3	11.6	7.2	4.1	2.4	12.0	20.1
19	3.2	3.1	7.8	4.5	4.0	3.1	2.1	3.1	4.7	5.7	6.8	4.7	6.8	7.2	9.2	9.6	7.4	7.2	16.5	15.0	13.6	5.2	3.7	2.5	6.5	16.5
20	3.0	4.4	4.3	4.6	2.8	3.7	4.8	1.6	2.5	4.2	5.4	6.0	6.6	8.6	10.4	8.4	5.1	5.7	9.3	13.0	6.2	2.3	5.2	5.8	5.6	13.0
21	7.7	6.0	7.5	6.0	4.4	3.9	2.3	3.1	4.4	10.3	3.6	4.8	7.1	12.1	6.0	6.7	6.3	7.2	11.0	17.5	14.8	11.9	9.0	6.5	7.5	17.5
22	4.1	6.6	8.2	7.5	5.6	2.8	1.9	1.8	2.4	4.4	7.2	8.6	9.0	11.3	12.0	19.5	14.2	6.5	4.3	7.5	5.0	3.4	6.3	6.3	6.9	19.5
23	9.6	5.2	4.4	3.9	4.5	4.2	3.1	2.4	3.1	4.1	5.5	5.9	4.4	9.5	11.0	7.5	28.3	13.1	5.1	9.4	3.4	1.9	4.0	4.9	6.6	28.3
24	6.8	6.9	7.4	4.5	4.9	2.6	2.4	2.5	3.1	3.7	4.4	5.2	5.1	6.2	6.6	5.9	8.2	13.6	9.3	5.7	3.3	5.6	9.5	10.7	6.0	13.6
25	7.6	4.5	4.5	5.6	6.5	6.3	4.4	4.0	2.2	4.0	4.5	6.3	5.1	7.6	14.5	8.7	13.8	8.7	9.7	4.0	2.2	1.6	4.0	4.1	6.0	14.5
26	3.4	4.0	4.5	5.2	6.6	5.5	2.9	1.3	1.8	1.3	2.8	2.2	5.2	5.0	5.0	5.0	7.7	3.7	1.6	4.2	2.6	2.4	4.9	5.9	3.9	7.7
27	7.3	5.1	4.1	5.0	6.0	6.3	1.7	.8	.8	1.6	2.4	5.0	5.8	7.5	6.2	5.4	4.6	4.4	1.2	1.3	3.9	7.3	3.5	5.5	4.3	7.5
28	6.2	4.6	1.4	2.4	4.6	5.0	2.0	1.8	1.7	2.9	11.9	18.0	18.3	17.7	16.9	17.0	15.3	13.5	14.8	12.8	8.1	9.8	9.1	8.3	9.3	18.3
29	11.7	9.5	6.5	5.7	9.9	13.8	9.6	8.4	17.1	15.7	10.4	15.2	14.9	16.3	19.8	18.9	14.0	13.8	10.8	8.6	5.7	7.2	7.5	8.5	11.6	19.8
30	8.3	5.4	6.6	8.6	11.0	12.8	19.0	18.2	15.0	20.8	19.7	15.3	14.1	16.9	16.2	17.4	7.2	8.8	9.2	3.7	10.7	5.7	22.4	22.0	13.1	22.4
AV	7.2	6.6	6.4	5.8	6.1	5.8	4.5	3.6	5.0	7.1	7.9	9.0	9.7	11.3	12.4	12.4	12.1	11.2	10.5	9.6	7.3	7.1	7.3	7.3	8.1	28.3
SD	3.9	3.6	3.5	3.0	3.4	3.6	3.8	3.5	4.4	5.2	5.1	5.2	5.1	5.4	6.4	6.0	5.9	5.1	5.6	5.2	4.8	3.7	3.8	4.7	5.2	[ ]

WHOUT -- 00000 <811111.1807>

WIND SPEED [CC101]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	16.3	13.8	11.1	8.9	8.8	6.7	4.6	12.0	20.0	22.0	21.3	21.0	16.9	17.6	17.5	18.1	17.9	15.5	14.6	12.9	11.6	8.9	6.0	4.1	13.7	22.0
2	7.7	8.2	8.5	7.8	10.1	5.3	4.2	2.7	2.3	3.1	4.6	6.1	5.4	9.2	11.9	13.6	14.4	13.9	11.9	9.2	5.7	8.9	5.5	2.2	7.6	14.4
3	3.0	4.0	6.1	5.0	5.0	4.8	2.2	1.1	1.8	3.1	5.8	9.1	8.1	8.9	12.5	14.2	13.5	13.3	12.2	9.7	7.7	9.1	9.9	4.4	7.3	14.2
4	5.1	4.3	4.7	4.8	3.5	1.3	2.3	1.6	9.0	14.4	16.3	17.4	20.1	17.8	19.5	19.2	19.7	18.4	16.3	18.3	8.0	3.8	2.0	3.5	10.5	20.1
5	3.0	4.5	4.3	3.9	3.4	4.2	3.9	5.6	7.4	5.1	8.2	10.7	16.3	16.2	16.6	13.7	14.8	14.7	14.6	7.7	4.7	4.5	9.5	7.9	8.6	16.6
6	4.4	6.0	6.9	4.3	5.3	4.6	4.2	2.6	2.0	2.7	3.2	5.6	6.4	6.2	7.4	5.5	5.4	4.0	3.5	4.9	6.2	4.9	5.4	6.7	4.9	7.4
7	6.7	6.2	6.0	7.2	6.3	4.9	3.4	1.8	1.7	3.1	3.8	5.6	5.5	6.5	4.9	5.4	7.9	7.1	9.0	11.3	9.2	9.1	8.9	8.6	6.3	11.3
8	10.1	8.5	2.7	5.5	7.5	6.3	8.6	9.9	4.4	2.7	4.0	6.1	5.1	3.9	10.9	14.9	16.5	21.9	15.7	4.7	2.5	2.9	5.3	3.6	7.7	21.9
9	6.7	5.6	3.3	1.4	1.9	5.9	2.0	1.1	1.3	3.8	7.2	6.9	8.1	6.9	8.2	7.6	9.2	9.8	5.5	10.7	6.6	4.5	3.6	3.1	5.5	10.7
10	5.6	7.4	6.6	7.1	7.5	7.6	7.5	2.3	2.4	4.3	4.3	4.4	5.1	6.1	5.3	6.6	6.1	4.3	6.0	5.5	4.3	2.9	4.8	6.6	5.4	7.6
11	8.2	5.9	4.3	5.4	6.2	7.0	3.7	8.9	7.3	7.2	4.0	6.5	7.2	6.8	8.8	8.1	14.0	19.7	14.3	8.4	2.5	4.3	7.0	8.4	7.7	19.7
12	5.3	6.2	7.2	6.9	5.7	4.8	3.9	2.0	1.6	2.8	3.6	4.8	5.3	5.5	6.1	8.6	9.5	12.2	7.5	2.8	4.4	7.5	7.3	7.5	5.8	12.2
13	9.7	6.6	3.8	7.2	5.1	4.5	4.3	5.0	3.7	3.1	7.9	6.3	6.6	12.1	15.7	8.7	8.4	11.0	9.5	7.4	7.0	3.9	14.8	5.7	7.4	15.7
14	4.6	10.4	6.9	4.8	5.1	5.7	4.2	2.3	2.4	6.5	6.9	6.0	8.0	9.4	10.6	6.0	4.0	5.0	10.7	6.4	4.8	4.8	8.1	10.2	6.4	10.7
15	8.3	9.4	9.7	3.1	4.6	8.1	4.8	2.6	2.0	3.0	6.0	10.0	14.0	17.7	17.2	17.8	18.1	14.2	13.7	12.9	12.3	11.9	8.4	7.5	9.9	18.1
16	6.8	3.6	4.6	5.1	3.0	3.8	3.4	3.0	2.6	5.2	15.1	14.6	15.4	17.4	18.6	13.2	13.1	11.7	9.9	6.7	8.3	6.3	6.7	6.7	8.5	18.6
17	6.5	3.7	3.6	6.0	13.0	16.3	15.1	16.9	18.8	15.7	15.8	18.2	18.5	16.0	14.8	13.0	12.3	11.8	12.0	13.0	6.0	3.3	5.1	8.1	11.8	18.8
18	4.8	5.5	7.5	2.3	4.7	4.9	3.7	2.7	4.3	4.3	5.4	5.7	7.9	7.7	7.3	8.9	8.6	9.2	9.2	10.9	6.4	2.2	3.0	5.4	5.9	10.9
19	6.4	4.2	7.0	3.7	5.1	6.3	4.3	1.3	2.8	2.0	2.4	5.3	4.6	7.8	7.7	7.9	8.2	9.7	9.4	4.6	2.5	3.2	7.5	6.0	5.4	9.7
20	6.6	[PF]	6.7	5.4	5.1	8.0	4.8	3.6	6.0	6.2	6.3	9.5	7.3	7.2	5.7	5.2	5.4	5.4	8.3	5.1	4.4	6.8	2.9	6.1	6.0	9.5
21	10.4	5.9	7.8	5.7	8.9	5.8	4.0	2.8	2.3	4.3	4.3	4.8	5.7	3.8	6.9	6.4	6.9	5.9	16.0	20.6	12.7	12.5	6.9	3.7	7.3	20.6
22	4.1	4.8	3.8	5.7	3.1	2.6	1.9	2.6	2.5	2.1	4.4	5.7	6.7	6.2	8.0	8.3	6.3	7.2	5.2	3.4	5.7	3.3	6.0	6.6	4.8	8.3
23	4.5	5.3	7.5	7.1	4.5	3.3	3.1	3.2	2.9	4.6	6.3	12.7	13.3	10.3	11.9	11.1	8.1	10.4	15.4	16.4	12.7	11.6	9.7	5.6	8.4	16.4
24	9.8	6.3	6.3	5.8	5.8	2.2	5.4	4.0	7.0	4.6	9.2	8.9	7.9	9.1	10.5	7.3	12.0	21.5	23.1	12.5	8.4	10.7	7.1	5.6	8.8	23.1
25	6.0	5.8	5.9	4.3	4.9	4.3	3.4	2.2	6.0	4.8	4.0	4.6	7.5	7.2	8.4	6.0	7.3	12.8	12.4	7.9	8.1	16.0	18.7	9.7	7.4	18.7
26	7.4	13.9	8.8	4.4	5.0	4.1	3.6	4.0	3.0	3.8	4.7	4.9	4.3	5.5	10.9	8.9	7.5	3.2	14.0	17.3	14.1	14.3	9.3	4.3	7.5	17.3
27	5.7	5.4	4.0	3.7	1.6	4.5	4.0	2.9	2.1	4.0	4.4	3.4	6.4	5.4	5.9	7.2	3.4	4.5	3.3	2.1	2.5	4.5	6.0	2.8	4.2	7.2
28	3.1	2.8	2.6	4.8	2.6	3.8	4.4	2.3	2.2	1.9	2.9	2.5	2.4	9.0	15.0	10.0	6.0	2.7	4.0	4.3	2.0	1.7	1.4	4.2	4.1	15.0
29	4.4	4.8	3.9	4.4	4.3	4.8	3.7	2.2	3.9	4.7	6.3	5.3	6.3	8.8	6.6	6.4	7.5	12.2	11.7	5.7	8.4	13.7	10.0	4.8	6.5	13.7
30	3.1	2.1	2.5	1.6	3.7	4.8	4.4	2.0	3.5	7.5	4.3	4.1	4.8	4.8	7.8	7.2	4.8	6.5	3.9	3.7	2.2	3.1	4.9	6.3	4.3	7.8
31	6.7	7.7	8.6	6.0	4.6	7.8	7.5	4.2	2.8	3.5	3.3	4.4	5.5	5.7	6.3	6.3	5.7	5.6	4.2	2.0	4.0	6.1	9.5	11.6	5.8	11.6
AV	6.5	6.3	5.9	5.1	5.4	5.5	4.5	3.9	4.6	5.4	6.7	7.8	8.5	9.1	10.5	9.7	9.8	10.5	10.5	8.7	6.6	6.8	7.1	6.0	7.1	23.1
SD	2.8	2.8	2.2	1.7	2.4	2.6	2.5	3.5	4.4	4.4	4.5	4.6	4.6	4.4	4.4	4.0	4.5	5.4	4.7	5.0	3.4	4.0	3.5	2.3	4.3	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.8	8.2	9.4	2.7	4.3	7.7	7.2	2.5	1.7	2.6	4.0	4.9	5.7	10.7	12.8	11.9	12.8	10.9	11.3	11.2	14.5	19.6	10.7	8.5	8.4	19.6
2	12.0	12.9	10.1	3.7	5.7	7.8	5.5	11.3	10.7	7.8	6.2	9.4	6.5	8.0	11.3	7.6	15.8	6.6	4.6	9.4	10.5	7.5	6.1	2.2	8.3	15.8
3	3.8	4.4	3.2	4.6	7.9	10.3	9.8	10.1	10.2	8.7	7.1	5.6	6.2	8.6	16.1	14.1	14.0	9.0	8.4	8.7	7.0	8.3	5.0	3.6	8.1	16.1
4	7.2	5.5	5.3	5.4	8.5	8.6	6.9	3.1	3.5	3.4	3.8	5.8	6.0	6.7	5.2	5.0	5.3	4.9	4.0	4.7	6.8	5.2	6.8	7.3	5.6	8.6
5	10.5	6.4	7.5	7.7	9.0	8.1	6.9	4.0	2.6	3.4	6.5	4.6	5.8	6.6	6.5	6.6	4.8	6.9	8.2	6.3	3.9	6.3	9.2	4.5	6.4	10.5
6	7.3	7.6	9.5	6.9	8.4	6.6	6.7	4.9	2.3	3.1	3.6	3.7	4.6	4.7	6.1	7.2	6.5	5.2	5.7	4.6	2.4	6.1	9.9	8.0	5.9	9.9
7	4.9	2.7	3.4	4.6	4.9	3.7	3.8	1.9	1.9	3.8	4.3	6.0	6.6	4.2	11.0	13.5	4.2	8.4	5.5	3.7	3.8	11.2	14.6	7.8	5.9	14.6
8	6.5	4.6	3.2	7.5	4.5	6.4	5.2	7.6	5.4	8.7	7.3	8.7	5.9	9.1	10.7	11.9	17.6	11.2	6.7	17.1	18.7	11.3	10.0	5.1	8.8	18.7
9	2.5	1.5	2.8	3.9	4.3	5.5	5.0	2.2	3.4	2.6	3.7	3.9	5.8	7.4	8.0	16.4	14.4	11.9	11.1	9.8	9.3	7.8	7.2	8.5	6.6	16.4
10	11.1	9.0	6.1	7.1	4.8	5.8	3.8	6.2	5.0	6.2	5.0	5.1	6.1	6.9	6.7	4.3	4.6	6.6	5.0	4.3	8.9	17.4	15.0	12.8	7.2	17.4
11	15.1	14.7	13.5	11.9	20.8	12.6	5.5	4.2	5.3	16.3	14.6	14.6	10.5	12.8	12.9	22.5	7.4	5.7	3.5	3.2	4.8	3.7	2.4	4.0	10.1	22.5
12	2.9	1.6	1.9	1.6	4.4	2.9	4.0	2.2	2.2	2.9	3.2	5.9	8.1	5.1	6.0	11.0	8.7	9.0	8.1	8.2	8.6	3.8	2.4	2.9	4.9	11.0
13	3.1	1.8	3.1	2.2	3.7	4.9	10.5	10.1	6.9	2.7	1.8	2.9	4.3	5.7	3.0	4.3	4.2	2.3	2.0	5.1	2.2	2.1	3.6	2.4	4.0	10.5
14	3.2	1.6	1.8	2.7	1.7	1.2	1.3	2.2	1.8	1.9	3.2	4.0	3.7	4.3	3.9	5.2	5.9	6.3	3.1	4.6	2.8	2.8	5.2	4.3	3.3	6.3
15	5.2	4.0	4.7	3.4	3.1	4.3	4.1	2.6	1.9	3.0	3.4	3.7	4.9	3.1	3.4	2.5	1.6	2.5	1.4	11.9	5.8	10.2	5.7	8.4	4.4	11.9
16	5.4	4.5	6.1	2.6	6.8	8.3	10.2	7.9	4.5	4.3	3.2	5.2	5.4	3.4	5.9	9.0	9.9	7.5	4.0	3.7	3.3	3.6	5.8	6.8	5.7	10.2
17	3.8	4.4	4.8	5.9	5.5	3.1	3.1	2.5	2.0	2.2	2.8	3.7	4.3	7.2	5.8	7.0	3.3	2.4	4.2	7.8	13.7	11.1	12.7	10.8	5.6	13.7
18	9.9	4.6	7.3	8.4	6.9	5.2	2.6	1.6	1.9	2.5	3.5	4.6	4.3	5.1	4.0	5.7	5.3	5.3	6.2	15.6	2.5	7.2	7.9	5.2	5.6	15.6
19	8.6	5.5	5.3	3.7	5.9	6.6	5.4	4.2	2.1	3.0	3.3	4.1	4.3	2.4	3.9	4.0	4.9	3.4	1.6	1.8	4.7	7.9	8.6	7.4	4.7	8.6
20	8.6	6.0	3.2	4.0	3.2	5.4	4.3	2.7	1.9	3.2	4.0	4.0	6.5	6.1	5.2	6.0	5.5	3.6	6.1	12.8	14.6	16.8	8.1	7.6	6.2	16.8
21	9.5	7.6	3.5	2.1	5.9	4.0	3.4	4.0	2.7	3.3	5.2	4.5	4.6	4.6	5.3	9.9	12.9	11.8	8.5	8.1	7.7	6.8	3.4	6.0	6.1	12.9
22	6.3	6.6	4.8	5.9	3.4	4.1	5.7	5.4	2.1	2.5	4.0	4.9	5.3	5.6	7.5	14.5	15.2	14.1	12.9	7.0	9.3	10.1	10.8	9.5	7.4	15.2
23	7.6	4.6	3.9	4.7	2.8	3.9	3.9	2.9	1.9	3.1	4.0	4.5	6.2	6.2	7.0	9.6	10.2	10.4	9.7	8.1	10.3	4.0	3.4	1.9	5.6	10.4
24	8.0	10.7	4.9	3.4	2.4	2.8	2.8	4.4	11.0	11.3	10.5	7.3	6.3	5.2	5.1	4.9	5.2	7.8	6.6	6.0	8.0	5.3	3.7	3.4	6.1	11.3
25	4.3	3.7	4.1	2.5	2.8	2.2	1.9	1.1	8.3	11.9	14.5	15.9	13.9	14.5	13.7	14.6	14.4	14.9	14.9	11.1	4.0	6.0	5.2	1.7	8.4	15.9
26	1.6	1.8	2.0	3.2	2.5	3.4	4.5	3.3	2.5	4.0	6.2	7.4	9.4	10.8	11.4	10.2	10.1	9.0	10.3	12.2	5.2	3.2	1.4	2.9	5.8	12.2
27	5.7	7.2	3.9	3.2	3.1	5.1	4.6	2.7	2.2	4.0	4.4	5.7	6.3	5.6	7.2	6.3	7.0	8.4	5.0	6.5	7.2	8.6	4.9	4.9	5.4	8.6
28	5.2	6.6	5.6	5.5	5.4	4.6	4.2	4.0	2.6	3.9	7.8	9.6	15.7	11.7	11.8	10.2	7.4	5.3	6.9	16.7	5.7	4.1	7.2	5.6	7.2	16.7
29	11.8	5.2	9.3	9.8	3.1	1.9	1.9	2.8	2.2	2.6	3.4	3.3	3.8	3.4	4.0	4.3	4.4	4.1	4.4	3.1	5.2	4.7	7.5	5.0	4.6	11.8
30	2.5	6.9	7.9	4.9	6.3	5.2	6.6	3.1	1.9	2.4	2.5	6.4	8.2	5.9	5.7	12.0	13.5	8.7	6.6	5.2	6.3	3.7	2.1	4.8	5.8	13.5
31	9.1	4.8	5.7	6.9	3.4	6.3	4.6	3.1	2.6	3.7	4.0	6.3	8.9	5.7	8.7	8.1	15.5	9.7	3.6	1.8	4.6	7.8	6.9	4.1	6.1	15.5
AV	6.7	5.7	5.4	4.9	5.3	5.4	5.0	4.2	3.8	4.7	5.2	6.0	6.6	6.7	7.6	9.0	8.8	7.5	6.5	7.8	7.2	7.6	6.9	5.7	6.3	22.5
SD	3.3	3.1	2.8	2.4	3.5	2.5	2.3	2.6	2.8	3.4	3.1	3.0	2.7	2.9	3.5	4.5	4.6	3.3	3.3	4.2	4.0	4.3	3.5	2.7	3.5	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.3	5.6	5.3	7.6	9.0	8.4	4.9	7.8	3.4	3.4	5.0	5.2	4.9	6.3	4.8	6.1	5.8	4.6	4.1	3.6	6.3	9.2	4.9	6.3	5.8	9.2
2	8.3	5.5	9.6	7.1	6.9	4.6	4.2	3.1	3.2	4.4	6.9	9.0	6.7	5.5	7.5	7.5	7.0	5.1	3.3	2.1	5.3	9.8	6.6	8.1	6.1	9.8
3	7.7	6.6	6.7	5.0	5.2	5.7	4.6	3.5	3.7	2.4	4.2	5.8	5.6	6.8	6.1	7.3	8.1	6.1	3.0	2.9	6.0	7.6	4.3	2.4	5.3	8.1
4	4.9	5.4	5.0	3.7	3.4	3.9	4.3	1.9	2.7	4.8	7.2	10.8	10.2	8.2	6.6	14.4	9.7	15.7	11.6	10.5	10.9	9.5	4.3	5.7	7.3	15.7
5	8.5	6.9	7.1	12.8	9.5	5.7	3.4	9.4	7.8	6.9	3.9	5.3	5.9	6.3	21.2	12.8	16.8	10.5	10.7	5.2	5.5	7.5	7.7	5.7	8.5	21.2
6	3.7	3.0	5.2	6.9	5.9	3.5	5.7	3.3	2.8	2.5	3.3	4.9	3.0	4.8	5.7	5.3	11.9	13.9	19.3	6.1	5.4	3.5	4.3	5.0	5.8	19.3
7	8.7	5.8	4.2	3.8	4.4	4.6	3.4	4.2	3.1	2.0	1.5	2.1	2.5	1.8	2.9	1.8	2.7	3.0	3.8	1.8	1.9	3.6	4.8	4.2	3.4	8.7
8	5.2	5.1	5.2	2.5	1.4	1.4	.8	1.7	1.7	3.2	3.2	4.1	5.7	5.9	9.2	8.0	6.8	3.5	4.7	7.0	5.7	4.6	1.9	2.3	4.2	9.2
9	3.4	3.2	5.0	3.8	4.0	5.1	3.0	1.5	.7	1.7	3.1	4.9	6.5	6.4	12.1	9.4	5.7	4.2	4.4	7.8	9.9	10.1	6.3	4.8	5.3	12.1
10	3.3	1.0	1.7	1.7	2.2	4.1	5.5	7.8	9.3	9.6	7.0	6.7	3.8	6.8	10.8	20.4	16.5	6.6	2.4	3.8	3.4	8.5	3.8	4.5	6.3	20.4
11	4.0	5.0	4.9	4.8	3.3	1.9	3.0	2.5	4.6	3.1	6.6	6.6	6.3	8.1	9.4	6.5	6.0	4.6	2.8	.4	.5	.1	1.4	3.5	4.2	9.4
12	4.4	4.6	4.2	4.7	4.8	6.0	4.9	4.0	.9	2.3	5.2	3.8	5.8	7.0	7.7	6.1	3.2	6.7	12.4	5.2	5.6	8.2	5.9	3.9	5.3	12.4
13	1.5	1.3	.5	1.9	3.2	3.4	2.1	2.9	.1	.7	7.6	7.2	9.0	4.1	1.1	5.1	4.4	2.5	1.2	5.3	1.6	6.3	3.7	3.8	3.4	9.0
14	2.1	1.9	1.7	2.3	2.7	1.9	1.8	1.6	1.6	3.0	2.4	2.3	6.1	7.8	7.7	9.3	2.8	1.1	3.2	3.7	4.0	3.0	1.3	3.1	3.3	9.3
15	1.7	3.3	4.4	3.6	3.2	4.9	3.8	2.8	.8	1.4	2.7	3.3	4.1	5.5	5.9	2.7	3.7	1.4	1.0	2.5	3.4	3.2	4.4	2.6	3.2	5.9
16	1.2	2.7	1.6	2.4	2.4	.3	1.3	.8	.9	1.2	2.9	5.4	7.3	6.1	7.0	8.8	10.2	3.7	2.8	3.0	5.1	6.7	5.0	5.4	3.9	10.2
17	4.6	2.7	2.8	.9	1.2	2.7	2.9	1.8	1.5	1.2	2.2	2.9	4.8	4.9	3.4	5.1	2.9	2.7	3.7	6.3	6.1	3.8	7.0	6.9	3.5	7.0
18	5.0	6.4	6.1	5.0	2.9	2.6	5.1	3.1	.2	1.1	2.4	3.4	4.5	3.2	4.0	3.9	5.5	6.5	9.6	8.4	8.5	5.2	1.8	1.6	4.4	9.6
19	.9	1.5	2.0	3.9	2.9	4.5	5.3	1.5	1.2	5.4	11.9	9.1	3.4	5.8	6.0	7.8	3.3	3.0	1.8	2.9	10.0	17.0	5.3	6.2	5.1	17.0
20	3.6	2.0	3.5	1.4	2.1	2.6	4.6	2.8	2.8	2.4	3.1	2.8	2.9	3.2	3.1	3.4	4.3	3.9	1.5	1.8	4.3	4.8	3.8	4.5	3.1	4.8
21	4.6	3.8	4.9	1.8	2.8	2.0	2.2	2.0	1.3	2.1	2.4	3.1	4.2	4.5	4.3	3.8	6.7	4.9	7.3	9.6	4.4	3.2	5.7	5.4	4.0	9.6
22	4.0	4.9	3.6	3.8	5.3	3.6	4.8	2.0	1.5	.8	1.8	2.9	6.5	6.4	5.5	10.8	8.1	6.6	7.6	6.4	4.2	3.0	2.4	6.0	4.7	10.8
23	6.9	6.5	4.4	3.4	5.9	3.1	7.0	3.6	.8	2.2	2.1	2.4	3.8	5.5	6.4	5.6	1.9	1.0	1.1	4.9	4.6	5.0	6.1	3.6	4.1	7.0
24	6.3	6.3	4.5	5.5	2.0	6.0	4.2	1.8	.1	1.9	1.4	1.7	5.5	3.5	2.6	2.4	1.3	1.2	1.8	4.2	4.9	5.3	2.9	1.6	3.3	6.3
25	3.0	4.7	3.8	5.4	4.7	6.1	2.6	2.1	5.4	2.3	1.7	1.4	3.2	3.2	1.1	1.5	1.6	1.1	2.5	5.2	3.1	1.8	1.8	1.5	3.0	6.1
26	3.0	7.3	8.2	9.1	4.9	1.6	1.3	2.1	2.6	2.3	6.5	16.2	19.2	17.3	16.8	17.7	16.8	15.0	7.8	3.6	3.3	20.0	11.5	3.6	9.1	20.0
27	2.8	5.2	2.9	4.7	2.9	5.5	1.5	1.6	2.1	4.5	9.2	16.7	19.3	15.9	9.7	9.3	15.6	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	7.6	19.3
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
AV	4.4	4.4	4.4	4.4	4.0	3.9	3.6	3.1	2.5	2.9	4.3	5.6	6.3	6.3	7.0	7.5	7.0	5.4	5.2	4.8	5.2	6.6	4.6	4.3	4.9	21.2
SD	2.2	1.9	2.1	2.6	2.1	1.8	1.6	2.1	2.2	2.0	2.7	3.9	4.1	3.4	4.5	4.6	4.8	4.2	4.4	2.5	2.5	4.4	2.3	1.7	3.3	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	4.9	3.3	2.7	4.9	2.8	3.5	2.4	1.9	5.3	6.9	9.8	6.7	5.9	4.7	9.8
13	5.3	4.5	3.8	5.6	2.7	3.8	3.5	.7	1.4	2.7	3.1	5.5	4.7	4.0	4.6	4.0	3.2	2.1	1.1	3.7	7.4	8.8	8.4	8.7	4.3	8.8
14	5.6	5.1	3.8	4.2	5.1	3.0	2.7	2.8	.6	.5	1.1	2.1	2.4	4.7	5.4	4.0	2.9	2.4	2.8	4.1	4.9	6.6	6.4	6.9	3.8	6.9
15	6.1	5.6	3.8	3.0	3.0	3.3	3.1	2.7	.5	.8	1.0	1.4	2.0	4.7	4.7	4.6	2.6	1.5	4.6	8.3	5.5	5.6	5.7	7.5	3.8	8.3
16	6.1	2.8	3.5	4.6	3.4	4.3	3.7	5.0	.3	.6	.8	2.5	3.4	5.3	7.0	5.0	1.2	2.2	4.3	9.1	5.6	5.7	7.3	5.6	4.1	9.1
17	6.4	7.3	5.5	2.8	5.2	3.9	2.9	3.5	.2	.3	1.2	2.4	3.2	4.4	4.6	11.5	12.5	10.6	6.3	5.8	3.2	1.8	2.6	3.7	4.7	12.5
18	2.3	5.2	2.9	4.3	4.7	4.4	3.1	2.4	.6	1.0	.7	1.6	5.8	10.6	16.7	14.3	13.0	10.2	7.6	2.0	10.1	11.4	9.2	7.1	6.3	16.7
19	4.8	7.6	3.7	1.9	2.0	3.9	1.8	2.7	1.5	4.0	2.6	2.5	2.8	2.7	2.5	1.7	1.7	1.9	2.2	1.9	4.1	2.9	4.0	3.8	3.0	7.6
20	4.0	4.4	3.0	4.6	3.6	3.0	3.4	1.6	.5	.4	2.4	2.3	1.7	2.2	2.1	2.0	1.5	.7	2.5	5.1	5.7	6.6	5.2	4.4	3.0	6.6
21	6.4	7.1	3.6	4.5	3.5	3.1	3.6	1.9	.8	.7	1.3	2.2	1.8	3.1	3.0	1.9	.8	1.0	4.3	6.6	5.6	5.7	6.7	5.0	3.5	7.1
22	4.8	5.2	5.1	4.8	4.0	2.8	2.4	2.3	.0	.5	.8	.7	2.4	2.6	2.4	3.7	1.0	.9	2.9	3.5	4.4	5.7	6.5	4.3	3.1	6.5
23	4.5	5.5	5.0	3.2	4.5	3.4	2.4	3.0	1.4	1.5	1.1	2.3	3.1	2.9	3.3	4.1	2.3	1.8	2.6	5.2	5.9	6.0	5.5	3.2	3.5	6.0
24	1.7	2.5	3.8	2.3	2.6	3.7	4.9	3.0	.7	1.1	1.8	.9	1.8	3.6	2.8	2.3	2.6	1.8	3.1	2.6	1.2	4.0	4.1	.7	2.5	4.9
25	1.9	4.4	2.5	2.6	2.9	2.8	4.1	1.2	.1	.4	3.6	6.2	5.7	3.9	4.8	4.7	.0	.9	2.6	4.1	6.7	5.4	4.1	4.8	3.4	6.7
26	3.8	2.4	4.1	1.8	1.9	2.4	3.0	2.2	1.0	2.0	15.3	15.8	17.7	14.3	11.6	11.1	16.0	10.4	8.5	19.1	14.7	3.8	4.3	3.8	8.0	19.1
27	2.4	3.8	1.0	6.0	11.1	4.5	9.4	4.5	1.9	2.8	2.5	3.8	3.0	3.9	3.2	12.7	7.6	7.4	5.4	4.4	6.2	6.8	5.2	5.6	5.2	12.7
28	5.8	6.8	8.5	7.2	6.6	8.8	7.4	7.2	7.0	3.6	3.8	3.4	3.0	1.7	2.9	1.6	.4	2.4	6.8	3.2	4.2	1.5	.9	1.3	4.4	8.8
29	1.7	1.6	1.1	1.5	2.4	2.5	2.5	1.0	5.2	8.1	5.9	6.9	7.9	10.7	10.5	9.7	7.0	6.8	1.8	.8	1.7	.6	.3	.7	4.1	10.7
30	.6	.5	.1	.1	1.3	.6	1.0	1.1	.5	.4	1.3	2.8	2.7	3.2	2.4	3.2	.8	2.7	1.6	.8	1.2	1.2	1.3	.7	1.3	3.2
31	.7	.5	.0	.5	.4	.3	.1	.0	.0	.0	2.0	1.8	.7	.9	.7	.6	.0	.0	1.6	2.3	2.3	1.2	2.0	1.8	.9	2.3
AV	3.9	4.4	3.4	3.4	3.7	3.4	3.4	2.6	1.3	1.7	2.8	3.6	4.0	4.6	5.0	5.3	4.0	3.5	3.7	4.9	5.4	5.1	4.8	4.3	3.9	19.1
SD	2.0	2.2	2.0	1.9	2.3	1.7	2.1	1.7	1.8	2.0	3.3	3.3	3.6	3.4	3.8	4.1	4.7	3.5	2.2	4.0	3.1	3.0	2.5	2.4	3.0	[ ]

QHOUT -- QU000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	4.0	5.0	7.0	6.0	4.5	4.0	6.0	4.0	3.0	3.5	3.8	4.5	4.3	3.0	2.5	7.7	5.4	5.8	2.7	2.0	1.0	4.9	7.2	4.5	7.7
2	3.8	1.9	2.0	3.5	2.8	1.6	3.5	3.5	2.0	2.1	3.4	9.5	8.0	5.8	6.3	6.1	5.2	6.1	3.4	2.8	4.9	5.4	5.0	6.0	4.4	9.5
3	3.2	4.0	4.1	3.9	3.8	3.7	4.0	3.8	2.5	1.3	1.9	2.8	3.4	2.6	2.6	2.1	3.6	4.6	3.1	4.5	4.3	5.8	4.0	6.7	3.6	6.7
4	5.7	4.6	5.0	5.0	3.9	3.1	4.1	2.3	2.3	1.6	1.9	2.8	4.0	3.8	3.6	4.9	5.3	5.5	1.8	4.0	5.6	7.5	5.0	6.8	4.2	7.5
5	5.9	4.6	4.8	4.4	3.7	3.1	4.3	2.2	2.8	1.9	1.9	2.9	2.9	2.8	4.2	4.7	5.5	6.3	2.1	4.1	5.8	5.8	6.5	7.4	4.2	7.4
6	5.6	3.6	2.8	4.4	4.2	4.3	1.8	2.0	2.5	1.8	1.8	3.2	4.0	3.7	3.0	2.1	1.3	9.3	10.8	10.6	8.9	4.6	4.9	3.7	4.4	10.8
7	7.2	6.1	3.1	3.2	4.6	3.6	4.5	3.5	1.8	1.8	1.1	2.2	2.0	3.0	4.8	3.6	2.8	2.9	4.9	5.2	4.5	3.2	2.8	3.1	3.6	7.2
8	1.6	3.0	17.0	21.0	15.0	13.0	8.5	10.8	12.1	14.0	3.0	4.5	8.1	7.5	3.9	[SA]	2.1	2.0	3.1	3.0	3.6	4.5	4.9	1.7	7.3	21.0
9	2.6	2.1	3.4	3.7	3.1	.9	2.7	1.0	2.5	1.6	3.2	8.0	16.1	17.5	16.8	12.8	6.5	2.4	4.1	4.0	4.5	6.0	4.0	2.5	5.5	17.5
10	2.4	.8	3.1	5.4	3.3	2.7	2.5	4.0	2.9	2.0	10.0	17.0	14.0	14.0	14.1	9.9	11.6	8.7	2.5	4.5	3.6	2.0	1.4	.7	6.0	17.0
11	.5	1.3	4.1	5.4	4.9	5.8	4.5	2.0	2.5	5.5	3.4	4.0	6.3	6.0	5.8	5.1	3.1	5.8	9.5	6.3	8.5	6.4	6.9	5.4	5.0	9.5
12	4.7	5.6	10.2	11.0	4.9	8.7	12.1	11.1	5.5	3.2	2.5	1.5	1.0	2.2	3.0	2.9	2.4	2.4	4.5	5.2	3.4	2.2	2.7	1.4	4.8	12.1
13	2.7	2.1	5.0	3.8	5.0	3.8	2.8	2.5	2.5	4.2	2.4	3.8	7.3	13.0	20.0	15.0	20.0	18.0	6.5	2.5	4.2	1.3	4.2	4.3	6.5	20.0
14	4.9	6.0	5.7	3.4	6.1	5.9	4.6	4.4	5.6	3.0	1.9	2.0	3.0	3.0	3.2	5.5	2.3	.6	2.4	4.3	5.3	6.8	6.0	4.7	4.2	6.8
15	4.7	5.2	6.4	5.2	3.2	3.0	1.8	2.1	2.1	1.5	1.6	2.8	5.0	4.7	4.3	4.0	4.9	3.0	1.1	1.9	4.0	4.4	5.0	5.9	3.7	6.4
16	5.5	6.0	5.7	4.3	4.6	2.8	2.9	4.3	4.3	2.1	1.8	2.2	3.3	3.2	2.2	3.2	3.0	2.0	2.9	5.0	3.8	4.0	4.3	2.8	3.6	6.0
17	2.8	2.6	3.4	3.8	3.4	1.7	3.2	3.5	3.7	1.2	2.0	2.9	3.4	3.0	3.8	3.4	3.2	1.8	2.4	4.0	3.7	2.8	2.4	2.9	3.0	4.0
18	1.5	2.0	.3	.3	.7	1.3	1.3	.3	.1	.0	1.1	2.4	1.9	2.7	3.4	11.4	12.3	4.6	2.8	2.9	5.1	5.2	12.0	9.9	3.6	12.3
19	12.5	11.9	9.5	10.5	7.8	9.3	7.9	12.2	14.2	20.9	11.6	6.6	9.2	12.4	11.9	7.6	5.0	1.5	2.4	6.0	5.0	4.8	4.3	5.2	8.8	20.9
20	2.7	4.7	4.3	5.6	4.6	6.1	6.1	3.5	3.5	1.3	1.8	2.7	2.9	3.4	4.5	1.5	.0	2.5	5.1	4.8	3.5	3.3	2.2	3.4	3.5	6.1
21	3.7	4.3	5.2	6.2	7.5	4.9	4.5	4.6	2.6	.8	1.1	1.3	2.2	4.1	3.7	2.6	3.0	2.2	4.1	4.4	4.3	3.5	2.5	2.7	3.6	7.5
22	4.2	3.4	2.2	1.6	1.7	.5	.3	.6	.3	.2	.4	1.5	1.4	.5	4.7	4.9	2.9	4.6	5.2	3.2	2.1	2.3	2.3	3.6	2.3	5.2
23	2.6	1.1	1.1	1.0	3.4	4.1	4.1	6.1	4.9	3.0	4.5	5.0	5.5	5.5	6.9	5.9	2.7	1.7	.3	.0	2.3	4.4	4.1	4.2	3.5	6.9
24	5.1	4.2	3.3	2.3	1.9	1.1	1.6	.0	.0	.0	.7	.2	1.3	1.3	.9	.9	.0	.0	.1	.0	.0	.0	.0	1.0	1.1	5.1
25	2.1	2.5	2.7	.8	1.1	1.7	1.1	2.7	2.6	1.1	2.1	1.9	1.5	2.3	2.0	1.9	1.2	1.0	2.4	.8	1.0	1.1	1.5	1.8	1.7	2.7
26	1.1	1.8	1.9	1.2	1.9	3.2	3.0	2.5	1.4	1.9	2.3	2.4	2.3	2.0	1.9	.9	1.4	2.0	1.6	4.3	5.1	6.2	5.3	3.1	2.5	6.2
27	1.5	4.1	3.1	3.5	3.3	2.9	2.0	3.3	2.1	.6	1.5	2.2	1.6	4.4	4.0	3.2	3.2	1.0	1.5	3.9	2.9	3.0	3.8	2.8	2.7	4.4
28	3.6	3.3	1.7	1.0	1.1	1.1	1.5	2.9	.7	.0	.4	.8	.7	.5	1.4	1.5	2.0	1.6	.1	.5	1.0	2.1	.8	2.8	1.4	3.6
29	1.0	.0	.4	1.3	1.5	.2	.1	2.7	.7	.9	.6	1.4	3.4	2.1	1.0	1.2	1.7	1.3	1.6	.7	.5	.6	2.0	1.5	1.2	3.4
30	1.1	7.1	2.0	1.0	2.2	1.7	1.0	.1	.9	1.5	2.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1.9	7.1
AV	3.7	3.8	4.3	4.5	4.0	3.7	3.5	3.7	3.2	2.8	2.6	3.6	4.5	4.9	5.2	4.7	4.3	3.8	3.4	3.7	3.9	3.8	4.0	4.0	3.9	21.0
SD	2.4	2.3	3.3	4.0	2.7	2.8	2.5	3.0	3.1	4.3	2.4	3.3	3.7	4.2	4.6	3.6	4.2	3.6	2.5	2.2	2.0	2.0	2.3	2.2	3.2	[ ]

QHOUT -- QUOOO <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	2.6	3.6	4.1	4.4	3.5	2.2	.5	2.1	2.6	3.6	4.3	3.2	3.1	4.4
4	1.5	2.2	2.9	2.2	2.0	2.8	3.1	2.7	1.7	2.1	1.4	3.0	2.6	1.9	2.2	2.3	3.8	1.1	.2	1.8	3.2	1.6	2.8	3.8	2.3	3.8
5	3.7	5.1	2.6	1.6	2.2	2.9	2.3	1.6	.5	.3	1.0	1.9	2.3	2.0	1.6	2.0	1.7	.1	2.0	2.7	3.7	3.7	3.2	1.3	2.2	5.1
6	.6	4.0	1.3	.6	2.4	.2	3.8	.6	1.8	.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1.5	4.0
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1.1	1.2	1.6	2.3	3.4	4.6	2.6	1.5	1.8	3.4	3.3	5.3	5.8	6.7	3.2	6.7
12	6.1	5.5	4.9	1.8	2.2	1.0	1.1	.4	.6	1.0	2.7	3.6	1.1	1.3	.7	1.9	1.0	.0	.0	.3	.6	2.2	1.1	3.7	1.9	6.1
13	4.3	4.1	1.3	.0	.0	1.2	4.0	2.3	1.3	.4	3.1	1.0	1.5	3.6	5.1	3.2	1.5	2.7	2.7	6.3	1.2	1.8	3.6	5.1	2.6	6.3
14	4.4	5.1	5.5	5.7	5.1	4.4	9.3	10.5	9.2	4.1	1.4	1.2	.1	1.2	2.5	3.0	3.6	1.3	2.1	3.6	5.3	4.5	5.7	2.8	4.2	10.5
15	1.0	.7	.4	.8	1.4	1.2	1.6	1.4	.0	.5	.7	.7	2.2	2.4	2.4	2.7	3.3	2.1	2.8	3.1	1.5	1.6	.1	.2	1.4	3.3
16	.8	.4	2.2	2.4	1.1	1.1	3.0	1.8	.8	.7	.7	2.3	1.5	2.0	2.2	3.3	2.1	3.0	2.7	1.9	1.8	2.0	3.2	3.3	1.9	3.3
17	1.2	1.9	2.6	2.6	3.6	4.1	2.2	1.2	3.4	.6	.8	1.8	.2	1.0	1.5	1.3	1.4	.1	.6	.4	.0	.0	.0	.0	1.4	4.1
18	.1	.7	.4	.1	1.4	1.8	1.8	3.4	2.9	2.8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1.5	3.4
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	2.0	.3	1.2	1.0	2.1	1.0	.4	2.2	1.9	1.0	.0	.5	.0	.4	.7	1.7	.5	1.5	1.4	1.2	2.2	.8	1.1	.7	1.1	2.2
21	1.7	.4	.1	.2	1.1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.7	1.7
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.4	.2	.2	.3	.8	.5	1.1	2.6	2.5	.8	2.2	3.7	4.0	3.3	3.8	3.9	1.9	4.0
30	3.3	5.0	4.1	3.9	2.6	2.1	2.2	4.7	1.9	1.6	.0	.3	.2	.5	2.3	1.2	.5	1.3	2.7	5.5	5.5	1.8	1.9	2.5	2.4	5.5
31	5.3	2.8	2.4	1.2	1.2	3.2	2.9	2.0	1.1	.8	.6	.7	1.4	2.1	1.8	3.5	2.5	.8	.8	2.8	3.8	4.4	4.7	3.3	2.3	5.3
AV	2.6	2.7	2.3	1.7	2.0	2.1	2.9	2.7	2.0	1.2	1.1	1.4	1.3	1.8	2.3	2.7	2.2	1.3	1.6	2.8	2.8	2.6	3.0	2.9	2.2	10.5
SD	1.9	2.0	1.7	1.6	1.2	1.3	2.2	2.6	2.3	1.1	.9	1.0	.9	1.0	1.2	1.1	1.1	.9	1.0	1.7	1.7	1.5	1.9	1.9	1.6	[ ]

QHOUT -- 00000 <811111.1807>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*                 *
*    FINAL DATA   *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	20	94	337	122	216	181	347	129	147	132	223	4	291	276	248	229	199	172	162	147	164	146	142	159	8
2	158	167	164	150	114	95	83	134	135	214	29	277	284	280	284	292	289	278	195	123	108	138	171	176	8
3	185	172	141	143	147	139	137	127	125	165	39	339	256	315	31	29	106	141	149	170	5	295	52	319	8
4	279	62	339	79	149	198	191	180	178	189	192	200	202	204	272	274	290	264	265	275	230	229	280	275	10
5	241	286	288	275	293	287	282	278	283	286	292	274	281	302	298	271	276	284	290	272	343	152	158	220	13
6	200	272	272	227	256	286	298	294	321	298	4	48	70	68	75	57	71	73	23	68	15	344	160	154	4
7	145	148	120	131	112	91	107	85	73	75	47	2	304	310	349	334	344	257	122	150	139	141	151	122	7
8	132	114	98	105	70	96	90	85	121	19	242	292	290	267	297	272	309	218	113	149	124	96	143	150	6
9	127	81	124	93	115	135	65	114	139	90	28	294	280	275	274	269	321	278	176	138	153	133	144	132	7
10	77	78	148	177	70	146	140	124	133	18	30	254	279	284	299	269	269	321	53	169	150	146	128	148	7
11	117	140	96	132	99	135	110	66	93	42	280	303	350	273	338	305	257	280	177	356	103	175	103	136	6
12	88	82	93	67	83	65	297	280	129	148	259	299	304	276	298	263	306	111	147	150	156	155	89	80	5
13	65	60	61	82	66	86	104	129	132	150	308	13	300	286	322	11	65	38	121	155	148	136	80	135	[VA]
14	143	122	130	102	95	135	108	115	126	77	53	310	277	277	295	312	294	215	148	157	223	38	118	138	7
15	142	130	143	176	137	156	145	144	97	101	336	281	295	317	296	264	232	122	138	154	153	153	161	138	7
16	136	141	148	114	102	82	88	147	107	88	46	36	291	279	257	251	252	198	197	204	202	136	167	157	8
17	225	228	239	261	340	330	26	273	284	255	26	27	347	282	244	220	212	196	104	138	122	325	39	71	11
18	142	260	345	53	55	56	58	79	99	93	343	325	273	284	254	200	229	220	211	217	103	148	142	127	5
19	103	98	73	63	82	97	46	43	60	64	333	313	291	290	257	240	232	224	216	172	240	270	209	62	4
20	143	147	147	148	86	128	105	61	70	67	359	284	223	212	204	222	214	187	236	58	83	71	86	121	4
21	154	175	177	176	174	172	170	163	162	172	254	281	296	269	172	151	154	184	193	34	258	206	165	247	9
22	269	326	141	155	153	137	124	132	162	158	161	247	275	281	283	278	276	276	270	289	148	167	167	157	8
23	158	168	158	123	71	85	58	99	110	90	31	19	285	325	34	43	59	25	10	87	68	65	60	339	4
24	273	98	84	116	124	125	125	82	209	316	314	279	269	274	268	4	342	140	134	117	132	152	130	154	7
25	188	155	157	62	112	79	81	68	76	57	97	278	266	292	300	263	265	272	99	144	147	178	146	151	4
26	146	139	151	119	118	142	112	127	138	218	293	302	288	275	241	330	297	80	54	24	88	138	123	91	6
27	221	218	273	268	278	268	275	281	274	293	322	298	236	317	320	62	354	354	129	134	147	132	134	145	13
28	135	122	99	133	131	114	77	102	101	262	229	186	294	17	322	327	273	264	162	159	128	91	151	189	7
29	143	41	330	343	180	87	52	255	256	191	274	270	276	272	245	233	313	319	74	131	157	152	146	162	13
30	149	144	147	81	107	102	106	65	81	327	323	29	337	274	270	299	7	9	59	137	145	148	147	64	8
31	21	187	143	139	137	125	65	87	81	297	275	278	280	358	350	305	248	258	317	27	111	164	198	115	7
PV	7	7	8	6	6	7	6	[VA]	7	4	2	14	14	14	14	13	13	13	8	8	8	8	7	7	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSW	SSE	WSW	S	SSE	S	SSE	SSE	S	S	SSW	SSE	WSW	W	SW	NNW	NW	NNE	ENE	E	ENE	E	ENE	N	S
2	N	SSE	SSE	SSE	ENE	SSE	SE	ESE	SW	SSE	W	NW	WSW	W	E	NE	NE	ESE	SSE	SSE	SE	SSE	SSE	SSE	SSE
3	S	S	S	S	SE	NNE	ENE	ESE	SSW	SSE	SSE	SSE	NNW	N	NNE	NE	NE	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE
4	E	ESE	ESE	E	ESE	E	E	E	E	E	ENE	ENE	NE	NE	NE	NE	ENE	E	E	E	E	ESE	ESE	SE	E
5	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	NE	NW	NNW	WNW	NW	NW	NNW	NW	NNW	N	ENE	SSE	SSE	SSE	SSE	SSE
6	SE	SSE	SSE	SSE	SE	SE	SSE	SSE	SE	SE	NW	W	W	W	WNW	NW	NNW	NW	WNW	SE	SE	SSE	SSE	SSE	SSE
7	SSE	SSE	SSE	SSE	SSE	SSE	E	E	ESE	SW	W	W	W	W	W	NNW	W	NW	N	SE	SE	SSE	SE	SSE	SSE
8	SE	SE	SE	SE	ENE	SE	NNE	E	W	SSW	WNW	NW	S	WNW	WNW	NNW	ENE	E	E	ENE	E	SE	SSE	SSE	SE
9	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	ESE	ESE	W	WNW	W	W	W	W	NNW	NW	SSW	SE	SSE	SSE	S	ESE	SSE
10	NW	S	ESE	SSE	SSE	E	ENE	SE	E	ENE	NW	W	W	NNW	N	NNW	NNW	NNE	SE	SSE	SSE	SSE	SSE	SSE	SSE
11	SSE	SSE	SE	SE	E	ESE	SSE	SE	WNW	NNE	[PF]	SW	SSE	SSW	NE	ESE	WNW	NNW	E	SE	SE	SE	SE	SE	SE
12	SE	ESE	ENE	E	SE	SE	ESE	SE	ESE	NE	NW	WNW	WNW	W	W	NW	WNW	NW	SE	SSE	SSE	SSE	SSE	SE	SE
13	SE	SE	SSE	SE	SSE	SE	SSE	SE	SSE	NW	NNW	NNW	W	W	W	WSW	NNW	NW	SE	ESE	ENE	ENE	ESE	SE	SE
14	ENE	ESE	SSE	ESE	ENE	S	SE	SE	N	W	WSW	W	NNW	NNW	WNW	NW	W	W	E	SSE	SSE	SE	SSE	SE	SE
15	E	SE	E	SE	SSE	ENE	E	SE	ENE	NNW	NE	WNW	NW	WSW	WNW	N	N	SSE	ESE	ESE	SE	SE	SE	ESE	SE
16	ESE	SE	SE	ENE	NE	ENE	SSE	SE	SW	E	N	N	WSW	NNW	WNW	ENE	ENE	SSE	SSE	ENE	ESE	SE	E	E	[VA]
17	SSE	NNE	ESE	ENE	ENE	ESE	E	ENE	NE	NNW	WNW	W	W	NW	NNW	NW	WNW	W	SW	SSE	E	SE	SE	S	ENE
18	SSE	SSE	S	S	WNW	SE	ESE	SE	SSE	SSW	NNW	NE	N	NW	NW	WNW	NNW	NW	SE	SE	SSE	SSE	SSE	SE	SSE
19	SE	SE	ESE	SSE	ESE	E	SE	SE	SE	NE	ESE	WNW	WNW	W	NNW	N	NNE	N	ENE	SSE	SSE	WNW	SSE	SSE	SE
20	SSE	ESE	SE	SE	ESE	SE	ESE	SE	SE	ENE	NW	NW	NNW	NW	NNW	WNW	WNW	WNW	SSW	SE	S	SSE	SSE	SSE	SE
21	SE	SE	SSE	SSE	ESE	SE	SE	ESE	E	SW	NW	WNW	NW	NW	NW	NW	NW	W	SSW	SSE	SSE	SSE	SSE	ESE	SSE
22	SE	SSE	SE	SE	ENE	ESE	E	E	ENE	WNW	W	WNW	WNW	NNW	NNW	NW	WNW	N	SE	SSE	SSE	SSE	SE	NE	SE
23	N	N	N	ENE	SSE	N	W	SSW	SSE	S	SW	NW	W	W	WSW	W	W	WNW	WNW	W	SE	SSE	SSE	SSE	W
24	SSE	SE	SE	SE	ESE	ENE	E	SE	SE	N	N	N	NNW	N	NNW	NNW	NNE	NE	ENE	ESE	SE	SE	SSE	SE	SE
25	SSE	SSE	SE	SSE	SSE	SE	SE	SE	SE	S	WNW	NNE	N	NNW	NW	NW	NW	NNW	NNE	SE	SSE	SSE	SSE	SSE	SSE
26	SE	ESE	ESE	SE	SE	SE	SE	ESE	ESE	ENE	NNW	WNW	NW	WNW	ENE	E	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE
27	SE	SE	SE	SE	SE	SE	SE	SSE	NNW	NNW	NW	WNW	W	W	W	SSE	SE	SSE	SSE	SSE	S	SSE	S	S	SSE
28	SE	SE	SE	SE	SSE	SE	ESE	SE	SSE	WSW	W	W	W	NNW	NNW	WSW	N	SSW	E	SSE	SSE	SSE	SSE	SE	SE
PV	SE	SE	SE	SSE	SSE	SE	SE	SE	SE	ENE	NW	WNW	W	[VA]	[VA]	NW	WNW	NW	[VA]	SE	SSE	SE	SSE	SE	SE

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	155	143	144	144	98	97	127	108	75	32	295	277	270	276	191	250	196	194	199	206	222	205	218	228	10
2	227	199	176	232	156	145	136	149	164	171	230	232	215	224	221	220	136	4	129	84	62	79	30	333	11
3	349	91	142	161	151	336	273	180	177	354	104	26	206	148	210	4	7	354	22	342	7	7	200	204	1
4	142	108	109	154	154	167	178	156	138	124	114	271	270	249	278	279	274	272	280	275	332	262	152	150	[VA]
5	160	151	154	160	170	158	171	142	290	268	137	76	1	324	330	354	342	335	200	165	227	172	159	169	8
6	176	174	172	167	160	141	136	133	125	164	263	269	282	276	283	317	296	319	14	151	154	140	122	152	8
7	120	109	124	122	140	123	123	99	56	332	98	18	333	261	281	285	306	46	285	152	137	154	154	130	7
8	145	117	119	125	150	104	125	92	11	127	285	277	261	304	277	294	357	146	189	187	155	163	164	163	7
9	168	161	177	159	173	154	162	76	62	38	338	273	271	286	270	272	260	243	215	179	85	57	100	105	8
10	42	5	7	115	138	140	151	143	290	271	278	290	257	345	273	241	237	211	202	254	294	135	159	154	7
11	167	157	145	132	135	130	139	122	139	92	164	184	191	189	183	190	200	191	193	201	201	190	204	193	9
12	192	201	229	278	277	272	267	275	278	280	291	296	290	291	293	292	294	291	312	13	61	144	158	137	14
13	152	127	142	147	147	133	85	141	139	272	318	342	300	316	297	310	346	339	303	145	157	148	140	146	7
14	141	146	134	113	100	137	145	105	66	333	269	261	320	179	180	177	176	174	142	190	166	184	189	98	[VA]
15	205	103	187	288	99	136	159	216	172	233	229	246	260	243	248	219	193	239	226	191	180	157	121	200	11
16	7	54	90	138	156	177	237	152	165	176	171	181	180	185	177	205	198	227	208	346	303	34	45	309	9
17	56	163	186	187	174	92	108	98	355	323	292	296	261	229	222	219	208	207	175	132	87	132	138	124	9
18	156	149	146	120	132	127	132	92	73	182	182	180	165	171	181	193	194	228	277	279	320	56	289	246	9
19	216	170	198	189	156	158	184	183	314	279	260	273	259	258	282	281	288	288	286	279	276	267	252	179	13
20	192	201	170	180	159	162	169	111	291	284	281	267	275	294	312	317	323	326	320	316	280	266	204	142	15
21	141	143	154	152	156	159	149	146	298	281	310	299	295	292	320	291	313	179	171	151	154	179	166	163	8
22	177	162	163	141	150	145	141	137	328	344	342	328	346	277	299	283	270	327	359	131	226	276	229	147	7
23	164	163	149	143	140	168	174	170	257	286	256	267	263	272	286	306	273	329	359	103	154	158	154	153	8
24	134	146	122	128	123	194	175	160	161	220	259	312	297	291	283	280	316	322	326	303	296	351	71	77	14
25	84	94	77	105	80	125	155	133	295	308	257	278	313	263	286	273	309	334	18	97	139	147	129	133	7
26	132	85	69	300	80	129	203	94	118	140	150	103	44	346	343	357	342	3	215	80	107	128	180	186	[VA]
27	187	189	159	139	172	163	170	158	168	146	273	276	309	272	249	231	240	231	162	161	169	165	121	166	8
28	138	164	126	119	156	159	158	156	154	192	188	182	184	184	171	185	194	194	187	207	211	163	120	185	9
29	209	212	215	210	280	305	215	310	305	35	250	160	200	285	235	215	210	255	275	265	260	245	155	130	11
30	130	85	85	105	145	329	215	240	255	265	255	250	265	279	279	278	274	280	286	278	116	157	153	143	13
31	130	128	125	92	134	142	207	121	358	293	291	220	277	219	238	220	208	202	186	186	185	181	175	170	9
PV	8	7	7	7	8	7	7	7	8	13	13	13	14	13	14	13	[VA]	[VA]	10	8	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SE	SE	SE	E	E	SE	ESE	ENE	NNE	WNW	W	W	W	S	WSW	SSW	SSW	SSW	SSW	SW	SSW	SW	SW	SSW
2	SW	SSW	S	SW	SSE	SE	SE	SSE	SSE	S	SW	SW	SW	SW	SW	SW	SE	N	SE	E	ENE	E	NNE	NNW	SW
3	N	E	SE	SSE	SSE	NNW	W	S	S	N	ESE	NNE	SSW	SSE	SSW	N	N	N	NNE	NNW	N	N	SSW	SSW	N
4	SE	ESE	ESE	SSE	SSE	SSE	S	SSE	SE	SE	ESE	W	W	WSW	W	W	W	W	W	W	NNW	W	SSE	SSE	[VA]
5	SSE	SSE	SSE	SSE	S	SSE	S	SE	WNW	W	SE	ENE	N	NW	NNW	N	NNW	NNW	SSW	SSE	SW	S	SSE	S	SSE
6	S	S	S	SSE	SSE	SE	SE	SE	SE	SSE	W	W	WNW	W	WNW	NW	WNW	NW	NNE	SSE	SSE	SE	ESE	SSE	SSE
7	ESE	ESE	SE	ESE	SE	ESE	ESE	E	NE	NNW	E	NNE	NNW	W	W	WNW	NW	NE	WNW	SSE	SE	SSE	SSE	SE	SE
8	SE	ESE	ESE	SE	SSE	ESE	SE	E	N	SE	WNW	W	W	NW	W	WNW	N	SE	S	S	SSE	SSE	SSE	SSE	SE
9	SSE	SSE	S	SSE	S	SSE	SSE	ENE	ENE	NE	NNW	W	W	WNW	W	W	W	WSW	SW	S	E	ENE	E	ESE	SSE
10	NE	N	N	ESE	SE	SE	SSE	SE	WNW	W	W	WNW	WSW	NNW	W	WSW	WSW	SSW	SSW	WSW	WNW	SE	SSE	SSE	SE
11	SSE	SSE	SE	SE	SE	SE	SE	ESE	SE	E	SSE	S	S	S	S	S	SSW	S	SSW	SSW	SSW	S	SSW	SSW	S
12	SSW	SSW	SW	W	W	W	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NNE	ENE	SE	SSE	SE	WNW
13	SSE	SE	SE	SSE	SSE	SE	E	SE	SE	W	NW	NNW	WNW	NW	WNW	NW	NNW	NNW	WNW	SE	SSE	SSE	SE	SE	SE
14	SE	SE	SE	ESE	E	SE	SE	ESE	ENE	NNW	W	W	NW	S	S	S	S	S	SE	S	SSE	S	S	E	[VA]
15	SSW	ESE	S	WNW	E	SE	SSE	SW	S	SW	SW	WSW	W	WSW	WSW	SW	SSW	WSW	SW	S	S	SSE	ESE	SSW	SW
16	N	NE	E	SE	SSE	S	WSW	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SW	SSW	NNW	WNW	NE	NE	NW	S
17	NE	SSE	S	S	S	E	ESE	E	N	NW	WNW	WNW	W	SW	SW	SW	SSW	SSW	S	SE	E	SE	SE	SE	S
18	SSE	SSE	SE	ESE	SE	SE	SE	E	ENE	S	S	S	SSE	S	S	SSW	SSW	SW	W	W	NW	NE	WNW	WSW	S
19	SW	S	SSW	S	SSE	SSE	S	S	NW	W	W	W	W	WSW	WNW	W	WNW	WNW	WNW	W	W	W	WSW	S	W
20	SSW	SSW	S	S	SSE	SSE	S	ESE	WNW	WNW	W	W	W	WNW	NW	NW	NW	NW	NW	NW	W	W	SSW	SE	NW
21	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	WNW	W	NW	WNW	WNW	WNW	NW	WNW	NW	S	S	SSE	SSE	S	SSE	SSE	SSE
22	S	SSE	SSE	SE	SSE	SE	SE	SE	NNW	NNW	NNW	NNW	NNW	W	WNW	WNW	W	NNW	N	SE	SW	W	SW	SSE	SE
23	SSE	SSE	SSE	SE	SE	SSE	S	S	WSW	WNW	WSW	W	W	W	WNW	NW	W	NNW	N	ESE	SSE	SSE	SSE	SSE	SSE
24	SE	SE	ESE	SE	ESE	SSW	S	SSE	SSE	SW	W	NW	WNW	WNW	WNW	W	NW	NW	NW	WNW	WNW	N	ENE	ENE	WNW
25	E	E	ENE	ESE	E	SE	SSE	SE	WNW	NW	WSW	W	NW	W	WNW	W	NW	NNW	NNE	E	SE	SSE	SE	SE	SE
26	SE	E	ENE	WNW	E	SE	SSW	E	ESE	SE	SSE	ESE	NE	NNW	NNW	N	NNW	N	SW	E	ESE	SE	S	S	[VA]
27	S	S	SSE	SE	S	SSE	S	SSE	SSE	SE	W	W	NW	W	WSW	SW	WSW	SW	SSE	SSE	S	SSE	ESE	SSE	SSE
28	SE	SSE	SE	ESE	SSE	SSE	SSE	SSE	SSE	SSW	S	S	S	S	S	S	SSW	SSW	S	SSW	SSW	SSE	ESE	S	S
29	SSW	SSW	SW	SSW	W	NW	SW	NW	NW	NE	WSW	SSE	SSW	WNW	SW	SW	SSW	WSW	W	W	W	WSW	SSE	SE	SW
30	SE	E	E	ESE	SE	NNW	SW	WSW	WSW	W	WSW	WSW	W	W	W	W	W	W	WNW	W	ESE	SSE	SSE	SE	W
31	SE	SE	SE	E	SE	SE	SSW	ESE	N	WNW	WNW	SW	W	SW	WSW	SW	SSW	SSW	S	S	S	S	S	S	S
PV	SSE	SE	SE	SE	SSE	SE	SE	SE	SSE	W	W	W	WNW	W	WNW	W	[VA]	[VA]	SSW	SSE	SSE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	174	161	161	184	188	190	205	136	177	187	187	188	187	186	195	209	195	208	207	204	221	251	227	214	10
2	262	269	251	247	243	268	286	273	283	274	264	275	281	277	268	275	272	257	258	285	255	106	156	151	13
3	139	163	161	141	138	114	163	136	342	300	305	283	268	288	246	242	258	252	239	185	175	202	194	184	7
4	183	190	218	58	144	113	130	137	25	230	239	235	253	265	281	294	293	290	291	285	278	285	283	289	14
5	256	200	176	167	172	163	118	91	22	319	307	295	346	301	29	310	352	3	35	27	28	77	140	159	2
6	168	140	157	158	140	135	146	138	86	351	293	285	287	267	229	223	205	197	228	318	148	341	128	142	7
7	154	91	86	251	277	321	296	339	42	50	286	280	7	24	57	318	60	75	67	117	146	140	245	163	4
8	172	170	173	171	172	165	143	92	118	270	267	275	269	279	261	264	271	287	292	295	298	277	296	284	13
9	265	224	155	160	150	144	141	121	54	301	285	295	285	269	292	288	327	6	33	49	90	134	183	158	[VA]
10	158	164	160	123	129	107	115	72	301	272	302	320	322	305	314	300	284	214	12	191	156	126	160	183	[VA]
11	95	268	164	96	162	216	130	75	265	250	281	292	284	231	203	185	209	205	205	47	163	194	209	214	10
12	214	214	219	291	257	181	173	120	67	349	342	340	311	308	307	305	313	312	324	346	77	150	150	146	15
13	139	141	160	146	144	144	114	69	326	312	303	294	321	287	331	297	263	246	210	184	162	168	147	160	7
14	182	264	7	15	25	67	70	81	321	293	301	295	270	272	258	273	255	281	315	300	149	160	152	135	13
15	140	148	105	29	122	134	139	186	255	280	284	299	303	307	306	297	299	298	298	312	333	294	307	109	14
16	84	72	90	83	78	77	84	78	73	62	69	344	350	18	8	269	302	24	312	13	142	157	154	153	4
17	153	155	147	145	149	140	127	89	322	272	314	300	279	286	296	326	295	301	282	159	163	137	161	167	8
18	166	140	130	146	144	147	127	94	317	270	284	294	289	296	301	300	306	298	301	300	294	291	333	350	14
19	355	345	329	6	123	149	151	200	87	258	343	254	286	21	34	21	358	358	12	46	56	58	68	55	1
20	52	45	30	344	12	4	67	57	67	60	70	333	10	358	341	358	17	50	60	40	35	21	24	300	2
21	334	339	142	321	311	148	152	275	353	40	56	62	77	97	79	75	57	68	71	69	92	148	149	150	4
22	144	160	174	167	165	164	151	250	296	285	338	291	273	319	321	322	319	314	316	307	138	172	182	206	15
23	140	218	136	160	155	124	117	111	165	172	166	137	150	188	253	255	192	195	172	167	185	170	200	142	8
24	141	137	172	165	169	162	122	108	322	321	269	268	325	330	325	321	306	306	296	284	275	285	263	171	15
25	169	157	150	148	135	139	131	108	7	302	292	304	266	301	264	288	320	320	225	251	328	140	140	164	7
26	151	154	157	141	168	100	143	155	0	286	275	230	218	288	301	226	67	70	344	34	105	89	186	137	8
27	275	153	192	231	150	204	169	197	277	328	320	251	297	344	336	317	342	33	58	117	150	139	137	164	8
28	157	150	142	158	156	186	135	108	350	273	296	303	290	271	276	277	304	59	185	171	162	151	153	163	8
29	160	178	203	271	275	284	285	256	161	182	61	48	70	86	59	62	78	81	85	96	112	95	99	150	5
30	148	155	142	119	192	258	264	279	295	15	2	292	307	2	346	263	304	284	356	40	132	150	150	138	8
PV	8	8	8	8	8	7	7	6	15	14	14	14	14	14	15	14	14	14	14	[VA]	8	8	8	8	8

UHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	SSE	SSE	S	S	S	SSW	SE	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SW	WSW	SW	SW	SSW
2	W	W	WSW	WSW	WSW	W	WNW	W	WNW	W	W	W	W	W	W	W	W	WSW	WSW	WNW	WSW	ESE	SSE	SSE	W
3	SE	SSE	SSE	SE	SE	ESE	SSE	SE	NNW	WNW	NW	WNW	W	WNW	WSW	WSW	WSW	WSW	WSW	S	S	SSW	SSW	S	SE
4	S	S	SW	ENE	SE	ESE	SE	SE	NNE	SW	WSW	SW	WSW	W	W	WNW	WNW	WNW	WNW	WNW	W	WNW	WNW	WNW	WNW
5	WSW	SSW	S	SSE	S	SSE	ESE	E	NNE	NW	NW	WNW	WNW	WNW	NNE	NW	N	N	NE	NNE	NNE	ENE	SE	SSE	NNE
6	SSE	SE	SSE	SSE	SE	SE	SE	SE	E	N	WNW	WNW	WNW	W	SW	SW	SSW	SSW	SW	NW	SSE	NNW	SE	SE	SE
7	SSE	E	E	WSW	W	NW	WNW	NNW	NE	NE	WNW	W	N	NNE	ENE	NW	ENE	ENE	ENE	ESE	SE	SE	WSW	SSE	ENE
8	S	S	S	S	S	SSE	SE	E	ESE	W	W	W	W	W	W	W	W	WNW	WNW	WNW	WNW	W	WNW	WNW	W
9	W	SW	SSE	SSE	SSE	SE	SE	ESE	NE	WNW	WNW	WNW	WNW	W	WNW	WNW	NNW	N	NNE	NE	E	SE	S	SSE	[VA]
10	SSE	SSE	SSE	ESE	SE	ESE	ESE	ENE	WNW	W	WNW	NW	NW	NW	NW	WNW	WNW	SW	NNE	S	SSE	SE	SSE	S	[VA]
11	E	W	SSE	E	SSE	SW	SE	ENE	W	WSW	W	WNW	WNW	SW	SSW	S	SSW	SSW	SSW	NE	SSE	SSW	SSW	SW	SSW
12	SW	SW	SW	WNW	WSW	S	S	ESE	ENE	N	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NNW	ENE	SSE	SSE	SE	NW
13	SE	SE	SSE	SE	SE	SE	ESE	ENE	NW	NW	WNW	WNW	NW	WNW	NNW	WNW	W	WSW	SSW	S	SSE	SSE	SSE	SSE	SE
14	S	W	N	NNE	NNE	ENE	ENE	E	NW	WNW	WNW	WNW	W	W	WSW	W	WSW	W	NW	WNW	SSE	SSE	SSE	SE	W
15	SE	SSE	ESE	NNE	ESE	SE	SE	S	WSW	W	WNW	WNW	WNW	NW	NW	WNW	WNW	WNW	WNW	NW	NNW	WNW	NW	ESE	WNW
16	E	ENE	E	E	ENE	ENE	E	ENE	ENE	ENE	ENE	NNW	N	NNE	N	W	WNW	NNE	NW	NNE	SE	SSE	SSE	SSE	ENE
17	SSE	SSE	SSE	SE	SSE	SE	SE	E	NW	W	NW	WNW	W	WNW	WNW	NW	WNW	WNW	WNW	SSE	SSE	SE	SSE	SSE	SSE
18	SSE	SE	SE	SE	SE	SSE	SE	E	NW	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	WNW	NNW	N	WNW
19	N	NNW	NNW	N	ESE	SSE	SSE	SSW	E	WSW	NNW	WSW	WNW	NNE	NE	NNE	N	N	NNE	NE	NE	ENE	ENE	NE	N
20	NE	NE	NNE	NNW	NNE	N	ENE	ENE	ENE	ENE	ENE	NNW	N	N	NNW	N	NNE	NE	ENE	NE	NE	NNE	NNE	WNW	NNE
21	NNW	NNW	SE	NW	NW	SSE	SSE	W	N	NE	NE	ENE	ENE	E	E	ENE	ENE	ENE	ENE	ENE	E	SSE	SSE	SSE	ENE
22	SE	SSE	S	SSE	SSE	SSE	SSE	WSW	WNW	WNW	NNW	WNW	W	NW	NW	NW	NW	NW	NW	NW	SE	S	S	SSW	NW
23	SE	SW	SE	SSE	SSE	SE	ESE	ESE	SSE	S	SSE	SE	SSE	S	WSW	WSW	SSW	SSW	S	SSE	S	S	SSW	SE	SSE
24	SE	SE	S	SSE	S	SSE	ESE	ESE	NW	NW	W	W	NW	NNW	NW	NW	NW	NW	WNW	WNW	W	WNW	W	S	NW
25	S	SSE	SSE	SSE	SE	SE	SE	ESE	N	WNW	WNW	NW	W	WNW	W	WNW	NW	NW	SW	WSW	NNW	SE	SE	SSE	SE
26	SSE	SSE	SSE	SE	SSE	E	SE	SSE	N	WNW	W	SW	SW	WNW	WNW	SW	ENE	ENE	NNW	NE	ESE	E	S	SE	SSE
27	W	SSE	SSW	SW	SSE	SSW	S	SSW	W	NNW	NW	WSW	WNW	NNW	NNW	NW	NNW	NNE	ENE	ESE	SSE	SE	SE	SSE	SSE
28	SSE	SSE	SE	SSE	SSE	S	SE	ESE	N	W	WNW	WNW	WNW	W	W	W	NW	ENE	S	S	SSE	SSE	SSE	SSE	SSE
29	SSE	S	SSW	W	W	WNW	WNW	WSW	SSE	S	ENE	NE	ENE	E	ENE	ENE	ENE	E	E	E	ESE	E	E	SSE	E
30	SSE	SSE	SE	ESE	SSW	WSW	W	W	WNW	NNE	N	WNW	NW	N	NNW	W	NW	WNW	N	NE	SE	SSE	SSE	SE	SSE
PV	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	NW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	[VA]	SSE	SSE	SSE	SSE	SSE

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	158	168	132	159	160	71	81	321	113	343	302	322	243	152	170	344	95	301	184	151	147	169	163	139	8
2	150	158	157	149	137	135	91	93	30	319	271	293	236	9	23	195	108	168	168	155	169	174	154	199	8
3	174	201	154	219	171	196	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	15	210	39	94	148	179	280	117	141	9
4	129	131	143	130	133	132	151	115	316	286	281	291	302	246	162	191	292	282	285	302	340	294	294	299	14
5	165	134	90	106	101	112	93	76	77	97	325	324	335	341	11	8	332	330	355	23	145	165	150	147	5
6	148	142	146	147	150	137	125	104	301	283	254	283	264	342	352	200	20	72	76	287	284	282	272	220	[VA]
7	149	164	161	150	163	152	163	199	314	288	282	295	285	237	236	303	201	152	150	151	128	127	95	41	8
8	249	172	110	126	160	208	159	140	129	352	289	295	254	210	211	213	220	211	244	221	216	207	115	193	10
9	216	226	220	177	197	179	196	183	197	197	198	207	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	150	290	160	10
10	160	165	155	155	130	145	180	90	100	120	155	195	243	222	313	323	291	289	302	285	297	286	291	237	14
11	243	244	159	155	163	310	320	285	241	246	286	280	288	287	312	303	297	281	74	51	103	42	114	136	14
12	154	165	190	135	175	136	287	286	268	266	126	67	306	359	10	73	101	86	54	38	77	157	150	250	8
13	331	352	337	337	339	12	224	149	332	0	8	7	46	31	60	75	80	82	92	75	64	104	142	143	1
14	155	160	151	155	137	141	170	351	271	277	320	103	64	87	319	57	58	78	80	86	81	130	143	157	8
15	145	122	164	141	147	152	159	61	333	330	90	298	322	60	78	62	8	29	240	207	163	160	153	146	8
16	151	175	165	157	137	147	160	127	105	192	308	322	284	25	100	353	345	26	331	271	61	78	93	141	8
17	145	162	149	160	155	150	143	25	290	330	319	300	297	283	321	130	225	203	89	106	150	153	146	140	7
18	130	108	123	149	124	177	77	81	95	170	190	188	196	213	182	191	200	182	226	341	341	6	76	161	9
19	195	299	68	125	157	142	184	145	235	270	104	179	186	230	245	336	349	3	1	19	144	199	250	223	7
20	137	157	144	162	143	135	183	222	305	318	300	276	210	209	307	110	184	121	89	103	143	153	160	153	7
21	142	133	151	144	143	151	120	98	301	17	297	264	243	51	4	5	351	10	64	105	161	154	157	151	7
22	160	158	146	155	153	147	114	66	359	12	339	348	314	291	171	170	303	312	305	296	140	157	174	186	8
23	165	169	162	143	149	104	96	246	294	92	73	53	196	292	60	335	353	347	48	358	139	171	145	162	8
24	148	164	157	141	154	144	120	0	72	65	86	70	203	59	69	88	80	76	84	98	95	109	96	124	5
25	115	152	146	148	167	145	131	287	311	11	325	289	290	255	323	87	61	139	314	311	310	290	293	72	15
26	127	153	135	136	134	120	93	104	352	322	280	295	308	26	132	129	261	252	214	203	166	157	163	164	7
27	174	248	162	166	125	159	85	135	201	196	213	223	181	57	72	281	223	215	212	182	176	177	168	175	9
28	172	168	209	299	294	285	286	288	280	267	282	279	286	300	291	301	302	317	319	307	301	56	160	159	14
29	124	155	152	157	152	164	171	279	164	335	341	320	298	291	320	247	224	248	293	343	65	148	135	351	8
30	64	93	88	93	99	97	100	81	48	21	326	303	332	52	12	337	270	355	43	350	271	156	158	161	5
31	142	145	143	119	118	117	127	27	307	301	191	252	265	13	1	72	21	49	61	82	97	146	152	141	7
PV	8	8	7	7	8	7	8	5	14	14	14	14	14	2	15	16	1	[VA]	4	14	8	8	7	8	8

QHOUT -- QU001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SE	SSE	SSE	ENE	E	NW	ESE	NNW	WNW	NW	WSW	SSE	S	NNW	E	WNW	S	SSE	SSE	S	SSE	SE	SSE
2	SSE	SSE	SSE	SSE	SE	SE	E	E	NNE	NW	W	WNW	SW	N	NNE	SSW	S	SSE	SSE	SSE	S	S	SSE	SSW	SSE
3	S	SSW	SSE	SW	S	SSW	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	NNE	SSW	NE	E	SSE	S	WNW	ESE	SE	S
4	SE	SE	SE	SE	SE	SE	SSE	ESE	NW	WNW	W	WNW	WNW	WSW	SSE	S	WNW	WNW	WNW	WNW	NNW	WNW	WNW	WNW	WNW
5	SSE	SE	E	ESE	E	ESE	E	ENE	ENE	E	NW	NW	NNW	NNW	N	N	NNW	NNW	N	NNE	SE	SSE	SSE	SSE	E
6	SSE	SE	SE	SSE	SSE	SE	SE	ESE	WNW	WNW	WSW	WNW	W	NNW	N	SSW	NNE	ENE	ENE	WNW	WNW	WNW	W	SW	[VA]
7	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSW	NW	WNW	WNW	WNW	WNW	WSW	SW	WNW	SSW	SSE	SSE	SSE	SE	SE	E	NE	SSE
8	WSW	S	ESE	SE	SSE	SSW	SSE	SE	SE	N	WNW	WNW	WSW	SSW	SSW	SSW	SW	SSW	WSW	SW	SW	SSW	ESE	SSW	SSW
9	SW	SW	SW	S	SSW	S	SSW	S	SSW	SSW	SSW	SSW	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	SSE	WNW	SSE	SSW
10	SSE	SSE	SSE	SSE	SE	SE	S	E	E	ESE	SSE	SSW	WSW	SW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WSW	WNW
11	WSW	WSW	SSE	SSE	SSE	NW	NW	WNW	WSW	WSW	WNW	W	WNW	WNW	NW	WNW	WNW	W	ENE	NE	ESE	NE	ESE	SE	WNW
12	SSE	SSE	S	SE	S	SE	WNW	WNW	W	W	SE	ENE	NW	N	NNE	ENE	E	E	NE	NE	ENE	SSE	SSE	WSW	SSE
13	NNW	N	NNW	NNW	NNW	NNE	SW	SSE	NNW	N	N	N	NE	NNE	ENE	ENE	E	E	E	ENE	ENE	ESE	SE	SE	N
14	SSE	SSE	SSE	SSE	SE	SE	S	N	W	W	NW	ESE	ENE	E	NW	ENE	ENE	ENE	E	E	E	SE	SE	SSE	SSE
15	SE	ESE	SSE	SE	SSE	SSE	SSE	ENE	NNW	NNW	E	WNW	NW	ENE	ENE	ENE	N	NNE	WSW	SSW	SSE	SSE	SSE	SE	SSE
16	SSE	S	SSE	SSE	SE	SSE	SSE	SE	ESE	SSW	NW	NW	WNW	NNE	E	N	NNW	NNE	NNW	W	ENE	ENE	E	SE	SSE
17	SE	SSE	SSE	SSE	SSE	SSE	SE	NNE	WNW	NNW	NW	WNW	WNW	WNW	NW	SE	SW	SSW	E	ESE	SSE	SSE	SE	SE	SE
18	SE	ESE	ESE	SSE	SE	S	ENE	E	E	S	S	S	SSW	SSW	S	S	SSW	S	SW	NNW	NNW	N	ENE	SSE	S
19	SSW	WNW	ENE	SE	SSE	SE	S	SE	SW	W	ESE	S	S	SW	WSW	NNW	N	N	N	NNE	SE	SSW	WSW	SW	SE
20	SE	SSE	SE	SSE	SE	SE	S	SW	NW	NW	WNW	W	SW	SSW	NW	ESE	S	ESE	E	ESE	SE	SSE	SSE	SSE	SE
21	SE	SE	SSE	SE	SE	SSE	ESE	E	WNW	NNE	WNW	W	WSW	NE	N	N	N	NNE	ENE	ESE	SSE	SSE	SSE	SSE	SE
22	SSE	SSE	SE	SSE	SSE	SSE	ESE	ENE	N	NNE	NNW	NNW	NW	WNW	S	S	WNW	NW	NW	WNW	SSE	SSE	S	S	SSE
23	SSE	S	SSE	SE	SSE	ESE	E	WSW	WNW	E	ENE	NE	SSW	WNW	ENE	NNW	N	NNW	NE	N	SE	S	SE	SSE	SSE
24	SSE	SSE	SSE	SE	SSE	SE	ESE	N	ENE	ENE	E	ENE	SSW	ENE	ENE	E	E	ENE	E	E	E	ESE	E	SE	E
25	ESE	SSE	SE	SSE	SSE	SE	SE	WNW	NW	N	NW	WNW	WNW	WSW	NW	E	ENE	SE	NW	NW	NW	WNW	WNW	ENE	NW
26	SE	SSE	SE	SE	SE	ESE	E	ESE	N	NW	WNW	WNW	NW	NNE	SE	SE	W	WSW	SW	SSW	SSE	SSE	SSE	SSE	SE
27	S	WSW	SSE	SSE	SE	SSE	E	SE	SSW	SSW	SSW	SW	S	ENE	ENE	W	SW	SW	SSW	S	S	S	SSE	S	S
28	S	SSE	SSW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	W	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	WNW	NE	SSE	SSE	WNW
29	SE	SSE	SSE	SSE	SSE	SSE	S	W	SSE	NNW	NNW	NNW	WNW	WNW	NW	WSW	SW	WSW	WNW	NNW	ENE	SSE	SE	N	SSE
30	ENE	E	E	E	E	E	E	E	NE	NNE	NW	WNW	NNW	NE	NNE	NNW	W	N	NE	N	W	SSE	SSE	SSE	E
31	SE	SE	SE	ESE	ESE	ESE	SE	NNE	NW	WNW	S	WSW	W	NNE	N	ENE	NNE	NE	ENE	E	E	SE	SSE	SE	SE
PV	SSE	SSE	SE	SE	SSE	SE	SSE	E	WNW	WNW	WNW	WNW	WNW	NNE	NW	NNW	N	[VA]	ENE	WNW	SSE	SSE	SE	SSE	SSE

QHOUT -- OU004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	151	150	187	161	147	142	159	102	21	310	296	309	266	286	308	306	305	307	296	302	292	278	279	200	15
2	174	172	145	144	126	148	142	25	15	253	297	295	305	288	320	305	314	307	255	317	290	245	168	131	15
3	161	154	164	166	156	171	155	134	333	276	305	315	265	248	281	322	3	342	57	60	55	102	157	154	8
4	155	132	111	87	110	138	55	12	215	186	191	204	206	231	243	259	257	244	256	247	261	262	207	127	12
5	129	83	89	118	164	151	72	69	165	177	195	203	204	207	215	221	226	293	294	295	292	283	358	269	10
6	131	151	135	151	171	168	129	234	293	23	75	295	297	284	282	292	279	264	253	237	149	156	145	143	7
7	148	162	172	184	140	145	126	18	314	326	305	252	200	221	223	218	222	235	231	205	182	173	189	220	11
8	158	145	111	109	125	166	255	277	289	291	289	294	304	296	302	312	299	301	303	304	351	61	84	92	14
9	93	91	88	95	123	131	134	24	44	77	107	99	286	305	298	325	334	323	331	342	153	151	158	155	5
10	151	147	150	136	129	127	126	76	310	310	5	311	36	325	319	321	318	321	331	299	265	268	277	151	15
11	147	165	169	155	158	158	134	284	282	337	289	276	286	306	320	298	319	316	330	16	143	152	157	146	8
12	141	152	124	105	213	104	112	76	356	328	15	54	355	27	165	204	216	201	219	149	88	143	139	126	7
13	113	95	111	140	125	83	171	23	345	243	246	165	162	201	191	208	201	187	191	200	169	207	151	148	9
14	151	162	170	150	123	137	112	343	298	301	269	281	235	202	198	282	281	305	43	100	101	126	132	158	8
15	160	164	167	165	163	166	182	298	341	26	36	19	359	50	53	18	357	52	81	47	94	150	161	155	8
16	154	145	154	141	147	138	111	315	357	18	36	244	255	262	68	239	285	281	279	271	228	352	65	105	[VA]
17	100	68	49	93	154	154	147	310	197	347	144	332	293	337	335	342	334	322	329	348	296	91	71	68	16
18	85	86	88	84	79	84	91	82	80	83	87	57	76	59	39	67	68	72	82	78	73	63	55	246	4
19	90	139	159	174	149	162	154	271	0	49	66	50	316	304	252	267	241	229	176	176	214	139	65	150	8
20	133	156	151	116	95	138	116	343	347	302	281	286	314	288	194	245	244	313	295	276	249	154	178	177	14
21	167	145	150	132	118	75	107	16	340	37	22	294	169	181	237	296	30	215	158	167	170	175	158	207	8
22	153	153	151	145	101	93	103	82	325	314	296	286	259	309	271	265	343	344	239	165	114	144	151	170	8
23	157	145	129	149	152	150	69	329	299	349	304	296	145	172	226	279	305	285	78	138	194	127	150	153	8
24	164	153	142	136	81	114	129	302	312	285	277	285	269	79	342	5	312	342	350	44	146	164	152	153	7
25	165	141	145	149	148	133	153	29	299	302	100	107	341	28	112	56	60	100	102	96	131	133	153	140	7
26	160	146	153	153	151	139	100	60	305	310	30	116	306	205	177	145	325	49	330	77	66	134	163	153	8
27	150	148	150	145	151	144	131	0	340	11	326	315	316	348	301	295	35	323	167	203	143	161	147	137	8
28	140	108	108	109	141	155	78	30	355	19	210	182	187	192	178	188	193	203	201	214	191	165	143	135	9
29	164	137	112	164	162	169	161	169	190	189	202	197	200	199	166	172	197	203	206	209	161	160	141	145	8
30	151	128	136	171	157	175	190	146	161	152	141	144	176	154	223	214	47	40	37	40	134	164	144	151	8
PV	8	8	7	7	7	8	7	2	16	15	14	14	15	14	14	14	15	15	12	3	7	8	8	8	8

QHOUT -- QU001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	S	SSE	SSE	SE	SSE	ESE	NNE	NW	WNW	NW	W	WNW	NW	NW	NW	NW	WNW	WNW	WNW	W	W	SSW	NW
2	S	S	SE	SE	SE	SSE	SE	NNE	NNE	WSW	WNW	WNW	NW	WNW	NW	NW	NW	NW	WSW	NW	WNW	WSW	SSE	SE	NW
3	SSE	SSE	SSE	SSE	SSE	S	SSE	SE	NNW	W	NW	NW	W	WSW	W	NW	N	NNW	ENE	ENE	NE	ESE	SSE	SSE	SSE
4	SSE	SE	ESE	E	ESE	SE	NE	NNE	SW	S	S	SSW	SSW	SW	WSW	W	WSW	WSW	WSW	WSW	W	W	SSW	SE	WSW
5	SE	E	E	ESE	SSE	SSE	ENE	ENE	SSE	S	SSW	SSW	SSW	SSW	SW	SW	SW	WNW	WNW	WNW	WNW	WNW	N	W	SSW
6	SE	SSE	SE	SSE	S	SSE	SE	SW	WNW	NNE	ENE	WNW	WNW	WNW	WNW	WNW	W	W	WSW	WSW	SSE	SSE	SE	SE	SE
7	SSE	SSE	S	S	SE	SE	SE	NNE	NW	NW	NW	WSW	SSW	SW	SW	SW	SW	SW	SW	SSW	S	S	S	SW	SW
8	SSE	SE	ESE	ESE	SE	SSE	WSW	W	WNW	WNW	WNW	WNW	NW	WNW	WNW	NW	WNW	WNW	WNW	NW	N	ENE	E	E	WNW
9	E	E	E	E	ESE	SE	SE	NNE	NE	ENE	ESE	E	WNW	NW	WNW	NW	NNW	NW	NNW	NNW	SSE	SSE	SSE	SSE	E
10	SSE	SSE	SSE	SE	SE	SE	SE	ENE	NW	NW	N	NW	NE	NW	NW	NW	NW	NW	NNW	WNW	W	W	W	SSE	NW
11	SSE	SSE	S	SSE	SSE	SSE	SE	WNW	WNW	NNW	WNW	W	WNW	NW	NW	WNW	NW	NW	NNW	NNE	SE	SSE	SSE	SE	SSE
12	SE	SSE	SE	ESE	SSW	ESE	ESE	ENE	N	NNW	NNE	NE	N	NNE	SSE	SSW	SW	SSW	SW	SSE	E	SE	SE	SE	SE
13	ESE	E	ESE	SE	SE	E	S	NNE	NNW	WSW	WSW	SSE	SSE	SSW	S	SSW	SSW	S	S	SSW	S	SSW	SSE	SSE	S
14	SSE	SSE	S	SSE	ESE	SE	ESE	NNW	WNW	WNW	WNW	W	SW	SSW	SSW	WNW	W	NW	NE	E	E	SE	SE	SSE	SSE
15	SSE	SSE	SSE	SSE	SSE	SSE	S	WNW	NNW	NNE	NE	NNE	N	NE	NE	NNE	N	NE	E	NE	E	SSE	SSE	SSE	SSE
16	SSE	SE	SSE	SE	SSE	SE	ESE	NW	N	NNE	NE	WSW	WSW	W	ENE	WSW	WNW	W	W	W	SW	N	ENE	ESE	[VA]
17	E	ENE	NE	E	SSE	SSE	SSE	NW	SSW	NNW	SE	NNW	WNW	NNW	NNW	NNW	NNW	NW	NNW	NNW	WNW	E	ENE	ENE	NNW
18	E	E	E	E	E	E	E	E	E	E	E	ENE	ENE	ENE	NE	ENE	ENE	ENE	E	ENE	ENE	ENE	NE	WSW	ENE
19	E	SE	SSE	S	SSE	SSE	SSE	W	N	NE	ENE	NE	NW	NW	WSW	W	WSW	SW	S	S	SW	SE	ENE	SSE	SSE
20	SE	SSE	SSE	ESE	E	SE	ESE	NNW	NNW	WNW	W	WNW	NW	WNW	SSW	WSW	WSW	NW	WNW	W	WSW	SSE	S	SW	WNW
21	SSE	SE	SSE	SE	ESE	ENE	ESE	NNE	NNW	NE	NNE	WNW	S	S	WSW	WNW	NNE	SW	SSE	SSE	S	S	SSE	SSW	SSE
22	SSE	SSE	SSE	SE	E	E	ESE	E	NW	NW	WNW	WNW	W	NW	W	W	NNW	NNW	WSW	SSE	ESE	SE	SSE	S	SSE
23	SSE	SE	SE	SSE	SSE	SSE	ENE	NNW	WNW	N	NW	WNW	SE	S	SW	W	NW	WNW	ENE	SE	SSW	SE	SSE	SSE	SSE
24	SSE	SSE	SE	SE	E	ESE	SE	WNW	NW	WNW	W	WNW	W	E	NNW	N	NW	NNW	N	NE	SE	SSE	SSE	SSE	SE
25	SSE	SE	SE	SSE	SSE	SE	SSE	NNE	WNW	WNW	E	ESE	NNW	NNE	ESE	NE	ENE	E	ESE	E	SE	SE	SSE	SE	SE
26	SSE	SE	SSE	SSE	SSE	SE	E	ENE	NW	NW	NNE	ESE	NW	SSW	S	SE	NW	NE	NNW	ENE	ENE	SE	SSE	SSE	SSE
27	SSE	SSE	SSE	SE	SSE	SE	SE	N	NNW	N	NW	NW	NW	NNW	WNW	WNW	NE	NW	SSE	SSW	SE	SSE	SSE	SE	SSE
28	SE	ESE	ESE	ESE	SE	SSE	ENE	NNE	N	NNE	SSW	S	S	SSW	S	S	SSW	SSW	SSW	SW	S	SSE	SE	SE	S
29	SSE	SE	ESE	SSE	SSE	S	SSE	S	S	S	SSW	SSW	SSW	SSW	SSE	S	SSW	SSW	SSW	SSW	SSE	SSE	SE	SE	SSE
30	SSE	SE	SE	S	SSE	S	S	SE	SSE	SSE	SE	SE	S	SSE	SW	SW	NE	NE	NE	NE	SE	SSE	SE	SSE	SSE
PV	SSE	SSE	SE	SE	SE	SSE	SE	NNE	NNW	NW	WNW	WNW	NW	WNW	WNW	WNW	NW	NW	WSW	NE	SE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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*     FINAL DATA     *
*  AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	161	150	158	155	150	154	179	181	178	182	192	193	199	198	222	226	223	232	219	232	216	269	256	166	11
2	171	149	149	145	148	124	111	98	313	311	309	296	329	298	258	247	258	257	265	259	202	159	208	141	8
3	189	143	143	140	142	135	113	79	325	330	321	334	304	221	190	181	184	191	197	197	191	160	163	120	9
4	153	170	161	53	15	158	118	32	10	201	186	177	178	189	203	195	223	197	219	274	294	289	298	218	9
5	144	149	153	8	262	157	200	292	282	298	283	295	293	303	295	294	293	296	264	110	79	110	151	126	14
6	135	149	168	149	144	122	119	86	307	294	286	322	286	269	282	293	302	51	52	62	131	144	137	146	7
7	158	134	140	142	138	130	94	20	342	289	293	300	318	286	327	161	155	146	188	176	163	162	164	244	8
8	303	251	214	172	180	169	163	162	352	20	59	330	334	133	159	170	285	232	231	112	142	146	240	146	7
9	171	165	166	122	147	162	166	[VA]	148	306	294	271	282	319	283	337	281	278	273	313	353	330	157	153	8
10	147	150	156	152	151	151	147	53	290	283	4	291	317	233	330	36	313	294	359	10	45	146	159	148	8
11	159	182	158	144	147	159	143	173	169	0	345	345	343	348	208	297	352	278	148	59	168	159	151	146	8
12	160	158	144	136	139	134	123	82	272	91	319	311	279	294	308	303	321	322	288	210	163	153	150	151	6
13	160	135	131	205	73	146	111	159	253	284	310	328	341	189	137	306	23	41	52	92	122	123	77	74	7
14	177	163	204	153	167	152	130	53	11	330	276	282	300	299	301	282	154	51	301	303	50	147	164	153	8
15	154	149	163	178	156	151	110	96	343	89	301	296	286	234	229	232	262	212	212	189	178	163	230	194	6
16	165	142	159	152	124	138	121	358	315	290	264	225	238	246	245	267	262	233	262	252	323	153	155	146	7
17	149	132	312	295	201	185	191	204	220	227	237	249	252	259	263	245	261	261	314	312	339	139	156	143	12
18	116	147	155	160	143	154	149	161	299	298	291	292	315	316	313	335	222	292	286	298	283	143	134	156	14
19	177	135	139	148	152	146	149	318	300	307	340	278	345	122	316	300	331	335	5	19	160	161	172	165	8
20	157	[PF]	137	148	146	151	110	338	300	315	55	65	345	301	261	143	283	313	17	29	336	58	142	160	7
21	172	157	156	155	147	144	134	117	263	292	297	324	336	228	262	257	271	258	200	176	256	196	130	152	6
22	146	178	117	173	126	97	167	165	334	315	302	27	60	342	224	285	296	279	271	292	136	148	157	187	8
23	171	164	176	197	125	169	130	140	98	106	203	217	223	252	239	259	290	291	268	295	292	175	274	91	[VA]
24	183	143	146	140	175	116	143	127	148	125	275	286	280	297	272	92	239	177	210	155	164	203	185	177	[VA]
25	183	184	155	141	149	158	107	264	280	280	318	343	311	241	278	347	210	142	345	19	72	81	80	21	8
26	72	79	102	144	179	152	142	276	127	285	287	276	307	301	225	197	211	253	41	74	82	160	260	110	[VA]
27	166	193	286	266	82	12	25	272	167	275	300	329	269	264	217	197	103	299	295	318	186	176	168	128	14
28	144	161	162	162	134	170	180	288	298	297	277	274	291	297	225	274	252	265	89	106	115	61	186	151	[VA]
29	163	164	154	159	156	161	140	149	41	26	44	8	346	345	345	341	344	321	310	32	59	73	71	130	6
30	78	93	124	127	142	147	140	270	15	57	2	21	61	350	281	290	236	311	332	29	96	145	157	160	7
31	149	152	157	156	140	152	139	109	311	285	292	296	312	216	5	276	343	285	195	121	145	157	148	153	8
PV	8	8	7	8	8	8	7	8	14	14	14	14	15	14	13	13	13	14	13	2	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	W	WSW	SSE	SW
2	S	SSE	SSE	SE	SSE	SE	ESE	E	NW	NW	NW	WNW	NNW	WNW	WSW	WSW	WSW	WSW	W	W	SSW	SSE	SSW	SE	SSE
3	S	SE	SE	SE	SE	SE	ESE	E	NW	NNW	NW	NNW	NW	SW	S	S	S	S	SSW	SSW	S	SSE	SSE	ESE	S
4	SSE	S	SSE	NE	NNE	SSE	ESE	NNE	N	SSW	S	S	S	S	SSW	SSW	SW	SSW	SW	W	WNW	WNW	WNW	SW	S
5	SE	SSE	SSE	N	W	SSE	SSW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	ESE	E	ESE	SSE	SE	WNW
6	SE	SSE	SSE	SSE	SE	ESE	ESE	E	NW	WNW	WNW	NW	WNW	W	WNW	WNW	WNW	NE	NE	ENE	SE	SE	SE	SE	SE
7	SSE	SE	SE	SE	SE	SE	E	NNE	NNW	WNW	WNW	WNW	NW	WNW	NNW	SSE	SSE	SE	S	S	SSE	SSE	SSE	WSW	SSE
8	WNW	WSW	SW	S	S	S	SSE	SSE	N	NNE	ENE	NNW	NNW	SE	SSE	S	WNW	SW	SW	ESE	SE	SE	WSW	SE	SE
9	S	SSE	SSE	ESE	SSE	SSE	SSE	[VA]	SSE	NW	WNW	W	WNW	NW	WNW	NNW	W	W	W	NW	N	NNW	SSE	SSE	SSE
10	SSE	SSE	SSE	SSE	SSE	SSE	SSE	NE	WNW	WNW	N	WNW	NW	SW	NNW	NE	NW	WNW	N	N	NE	SE	SSE	SSE	SSE
11	SSE	S	SSE	SE	SSE	SSE	SE	S	S	N	NNW	NNW	NNW	NNW	SSW	WNW	N	W	SSE	ENE	SSE	SSE	SSE	SE	SSE
12	SSE	SSE	SE	SE	SE	SE	ESE	E	W	E	NW	NW	W	WNW	NW	WNW	NW	NW	WNW	SSW	SSE	SSE	SSE	SSE	SSE
13	SSE	SE	SE	SSW	ENE	SE	ESE	SSE	WSW	WNW	NW	NNW	NNW	S	SE	NW	NNE	NE	NE	E	ESE	ESE	ENE	ENE	SE
14	S	SSE	SSW	SSE	SSE	SSE	SE	NE	N	NNW	W	WNW	WNW	WNW	WNW	WNW	SSE	NE	WNW	WNW	NE	SSE	SSE	SSE	SSE
15	SSE	SSE	SSE	S	SSE	SSE	ESE	E	NNW	E	WNW	WNW	WNW	SW	SW	SW	W	SSW	SSW	S	S	SSE	SW	SSW	SSE
16	SSE	SE	SSE	SSE	SE	SE	ESE	N	NW	WNW	W	SW	WSW	WSW	WSW	W	W	SW	W	WSW	NW	SSE	SSE	SE	SE
17	SSE	SE	NW	WNW	SSW	S	S	SSW	SW	SW	WSW	WSW	WSW	W	W	WSW	W	W	NW	NW	NNW	SE	SSE	SE	WSW
18	ESE	SSE	SSE	S	SE	SSE	SSE	SSE	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	SW	WNW	WNW	WNW	WNW	SE	SE	SSE	WNW
19	S	SE	SE	SSE	SSE	SE	SSE	NW	WNW	NW	NNW	W	NNW	ESE	NW	WNW	NNW	NNW	N	NNE	SSE	SSE	S	SSE	SSE
20	SSE	[PF]	SE	SSE	SE	SSE	ESE	NNW	WNW	NW	NE	ENE	NNW	WNW	W	SE	WNW	NW	NNE	NNE	NNW	ENE	SE	SSE	SE
21	S	SSE	SSE	SSE	SSE	SE	SE	ESE	W	WNW	WNW	NW	NNW	SW	W	WSW	W	WSW	SSW	S	WSW	SSW	SE	SSE	SSE
22	SE	S	ESE	S	SE	E	SSE	SSE	NNW	NW	WNW	NNE	ENE	NNW	SW	WNW	WNW	W	W	WNW	SE	SSE	SSE	S	SSE
23	S	SSE	S	SSW	SE	S	SE	SE	E	ESE	SSW	SW	SW	WSW	WSW	W	WNW	WNW	W	WNW	WNW	S	W	E	[VA]
24	S	SE	SE	SE	S	ESE	SE	SE	SSE	SE	W	WNW	W	WNW	W	E	WSW	S	SSW	SSE	SSE	SSW	S	S	[VA]
25	S	S	SSE	SE	SSE	SSE	ESE	W	W	W	NW	NNW	NW	WSW	W	NNW	SSW	SE	NNW	NNE	ENE	E	E	NNE	SSE
26	ENE	E	ESE	SE	S	SSE	SE	W	SE	WNW	WNW	W	NW	WNW	SW	SSW	SSW	WSW	NE	ENE	E	SSE	W	ESE	[VA]
27	SSE	SSW	WNW	W	E	NNE	NNE	W	SSE	W	WNW	NNW	W	W	SW	SSW	ESE	WNW	WNW	NW	S	S	SSE	SE	WNW
28	SE	SSE	SSE	SSE	SE	S	S	WNW	WNW	WNW	W	W	WNW	WNW	SW	W	WSW	W	E	ESE	ESE	ENE	S	SSE	[VA]
29	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	NE	NNE	NE	N	NNW	NNW	NNW	NNW	NNW	NW	NW	NNE	ENE	ENE	ENE	SE	SSE
30	ENE	E	SE	SE	SE	SSE	SE	W	NNE	ENE	N	NNE	ENE	N	W	WNW	SW	NW	NNW	NNE	E	SE	SSE	SSE	SE
31	SSE	SSE	SSE	SSE	SE	SSE	SE	ESE	NW	WNW	WNW	WNW	NW	SW	N	W	NNW	WNW	SSW	ESE	SE	SSE	SSE	SSE	SSE
PV	SSE	SSE	SE	SSE	SSE	SSE	SE	SSE	WNW	WNW	WNW	WNW	NW	WNW	W	W	W	WNW	W	NNE	SSE	SSE	SSE	SSE	SSE

QHOUT -- QU004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	125	155	137	128	126	145	143	81	335	358	295	296	285	190	170	189	185	201	217	204	186	187	220	240	9
2	201	205	243	230	155	145	157	154	175	268	251	294	289	210	193	257	258	79	88	140	159	154	156	129	8
3	211	198	163	149	159	166	177	177	182	223	234	264	298	211	156	148	167	197	188	197	176	159	154	127	9
4	135	144	144	142	141	138	136	61	40	356	301	316	305	300	[VA]	205	278	284	247	245	196	147	162	160	7
5	160	158	152	146	148	145	145	108	41	353	326	323	351	298	289	326	325	322	346	6	56	161	163	180	8
6	174	160	173	133	142	143	144	111	356	297	289	347	333	295	299	267	285	279	299	292	126	155	154	147	7
7	144	96	108	153	139	143	140	111	337	334	293	279	318	263	171	153	342	110	169	29	116	166	164	178	7
8	164	189	155	186	185	154	157	169	193	207	207	210	224	290	277	288	286	288	269	165	165	174	161	112	9
9	332	74	103	141	139	163	149	242	305	291	307	272	293	286	143	162	151	165	161	164	155	150	150	151	7
10	167	150	151	155	137	147	184	124	110	78	68	17	314	269	181	153	292	306	323	79	168	159	165	187	8
11	194	181	196	188	158	145	172	189	240	195	185	177	170	185	177	280	89	101	87	91	129	73	130	132	9
12	81	291	355	139	165	78	62	77	7	348	296	284	287	278	291	163	183	195	187	171	158	174	287	304	[VA]
13	245	120	141	220	156	183	161	177	161	134	54	322	295	343	68	164	149	216	36	349	335	142	154	132	8
14	137	126	120	128	45	98	48	321	307	2	308	292	295	289	278	293	314	331	300	195	270	137	158	131	14
15	137	128	130	117	126	150	140	104	290	282	298	297	276	216	174	184	234	24	241	151	241	163	180	149	8
16	215	159	157	143	154	156	157	151	69	298	311	290	294	279	223	189	157	176	262	242	144	157	156	148	8
17	122	129	131	145	143	132	101	120	117	312	309	327	300	178	133	146	119	89	156	172	157	138	156	156	7
18	168	152	196	182	137	83	269	222	238	247	341	290	298	288	315	201	252	279	270	277	221	175	170	164	13
19	165	152	140	124	130	147	133	124	36	299	307	324	281	273	196	354	182	297	154	141	141	149	145	145	8
20	149	161	129	107	142	141	141	87	359	277	285	291	268	272	275	281	315	315	40	70	272	285	321	165	13
21	170	279	265	201	171	192	135	132	50	334	317	301	287	322	276	182	170	168	108	82	165	192	203	176	9
22	170	166	175	169	147	151	142	135	220	53	329	343	301	295	289	160	168	170	158	167	165	159	152	142	8
23	166	130	124	133	139	144	143	122	22	304	296	307	299	282	267	215	233	204	181	167	172	205	200	150	8
24	174	167	168	138	129	123	123	67	63	52	46	22	4	345	320	273	310	179	189	164	167	173	146	128	8
25	158	138	148	130	81	146	133	138	197	198	190	175	178	188	194	179	178	176	176	173	181	185	177	246	9
26	167	104	68	155	134	140	146	139	109	132	199	195	189	170	167	164	260	256	183	170	233	246	145	166	8
27	156	164	186	136	133	139	135	117	300	321	277	282	285	292	257	248	231	237	187	161	164	165	157	157	8
28	155	145	140	142	139	94	94	81	62	286	232	208	256	278	135	140	111	270	215	259	176	164	160	166	7
29	348	326	45	156	110	92	139	146	287	312	309	313	313	13	301	48	62	35	61	295	223	143	162	161	15
30	197	155	145	134	141	143	140	100	347	327	330	295	297	293	131	264	245	254	247	206	157	113	117	137	7
31	150	140	147	157	135	148	142	88	52	326	299	291	286	305	246	280	274	303	296	139	154	168	176	164	8
PV	8	8	7	8	8	7	8	6	3	15	15	14	14	14	13	8	8	9	9	9	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	SSE	SE	SE	SE	SE	SE	E	NNW	N	WNW	WNW	WNW	S	S	S	S	SSW	SW	SSW	S	S	SW	WSW	S
2	SSW	SSW	WSW	SW	SSE	SE	SSE	SSE	S	W	WSW	WNW	WNW	SSW	SSW	WSW	WSW	E	E	SE	SSE	SSE	SSE	SE	SSE
3	SSW	SSW	SSE	SSE	SSE	SSE	S	S	S	SW	SW	W	WNW	SSW	SSE	SSE	SSE	SSW	S	SSW	S	SSE	SSE	SE	S
4	SE	SE	SE	SE	SE	SE	SE	ENE	NE	N	WNW	NW	NW	WNW	[VA]	SSW	W	WNW	WSW	WSW	SSW	SSE	SSE	SSE	SE
5	SSE	SSE	SSE	SE	SSE	SE	SE	ESE	NE	N	NW	NW	N	WNW	WNW	NW	NW	NW	NNW	N	NE	SSE	SSE	S	SSE
6	S	SSE	S	SE	SE	SE	SE	ESE	N	WNW	WNW	NNW	NNW	WNW	WNW	W	WNW	W	WNW	WNW	SE	SSE	SSE	SSE	SE
7	SE	E	ESE	SSE	SE	SE	SE	ESE	NNW	NNW	WNW	W	NW	W	S	SSE	NNW	ESE	S	NNE	ESE	SSE	SSE	S	SE
8	SSE	S	SSE	S	S	SSE	SSE	S	SSW	SSW	SSW	SSW	SW	WNW	W	WNW	WNW	WNW	W	SSE	SSE	S	SSE	ESE	S
9	NNW	ENE	ESE	SE	SE	SSE	SSE	WSW	NW	WNW	NW	W	WNW	WNW	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE
10	SSE	SSE	SSE	SSE	SE	SSE	S	SE	ESE	ENE	ENE	NNE	NW	W	S	SSE	WNW	NW	NW	E	SSE	SSE	SSE	S	SSE
11	SSW	S	SSW	S	SSE	SE	S	S	WSW	SSW	S	S	S	S	S	W	E	E	E	E	SE	ENE	SE	SE	S
12	E	WNW	N	SE	SSE	ENE	ENE	ENE	N	NNW	WNW	WNW	WNW	W	WNW	SSE	S	SSW	S	S	SSE	S	WNW	NW	[VA]
13	WSW	ESE	SE	SW	SSE	S	SSE	S	SSE	SE	NE	NW	WNW	NNW	ENE	SSE	SSE	SW	NE	N	NNW	SE	SSE	SE	SSE
14	SE	SE	ESE	SE	NE	E	NE	NW	NW	N	NW	WNW	WNW	WNW	W	WNW	NW	NNW	WNW	SSW	W	SE	SSE	SE	WNW
15	SE	SE	SE	ESE	SE	SSE	SE	ESE	WNW	WNW	WNW	WNW	W	SW	S	S	SW	NNE	WSW	SSE	WSW	SSE	S	SSE	SSE
16	SW	SSE	SSE	SE	SSE	SSE	SSE	SSE	ENE	WNW	NW	WNW	WNW	W	SW	S	SSE	S	W	WSW	SE	SSE	SSE	SSE	SSE
17	ESE	SE	SE	SE	SE	SE	E	ESE	ESE	NW	NW	NNW	WNW	S	SE	SE	ESE	E	SSE	S	SSE	SE	SSE	SSE	SE
18	SSE	SSE	SSW	S	SE	E	W	SW	WSW	WSW	NNW	WNW	WNW	WNW	NW	SSW	WSW	W	W	W	SW	S	S	SSE	W
19	SSE	SSE	SE	SE	SE	SSE	SE	SE	NE	WNW	NW	NW	W	W	SSW	N	S	WNW	SSE	SE	SE	SSE	SE	SE	SSE
20	SSE	SSE	SE	ESE	SE	SE	SE	E	N	W	WNW	WNW	W	W	W	W	NW	NW	NE	ENE	W	WNW	NW	SSE	W
21	S	W	W	SSW	S	SSW	SE	SE	NE	NNW	NW	WNW	WNW	NW	W	S	S	SSE	ESE	E	SSE	SSW	SSW	S	S
22	S	SSE	S	S	SSE	SSE	SE	SE	SW	NE	NNW	NNW	WNW	WNW	WNW	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SE	SSE
23	SSE	SE	SE	SE	SE	SE	SE	ESE	NNE	NW	WNW	NW	WNW	WNW	W	SW	SW	SSW	S	SSE	S	SSW	SSW	SSE	SSE
24	S	SSE	SSE	SE	SE	ESE	ESE	ENE	ENE	NE	NE	NNE	N	NNW	NW	W	NW	S	S	SSE	SSE	S	SE	SE	SSE
25	SSE	SE	SSE	SE	E	SE	SE	SE	SSW	SSW	S	S	S	S	SSW	S	S	S	S	S	S	S	S	WSW	S
26	SSE	ESE	ENE	SSE	SE	SE	SE	SE	ESE	SE	SSW	SSW	S	S	SSE	SSE	W	WSW	S	S	SW	WSW	SE	SSE	SSE
27	SSE	SSE	S	SE	SE	SE	SE	ESE	WNW	NW	W	WNW	WNW	WNW	WSW	WSW	SW	WSW	S	SSE	SSE	SSE	SSE	SSE	SSE
28	SSE	SE	SE	SE	SE	E	E	E	ENE	WNW	SW	SSW	WSW	W	SE	SE	ESE	W	SW	W	S	SSE	SSE	SSE	SE
29	NNW	NW	NE	SSE	ESE	E	SE	SE	WNW	NW	NW	NW	NW	NNE	WNW	NE	ENE	NE	ENE	WNW	SW	SE	SSE	SSE	NW
30	SSW	SSE	SE	SE	SE	SE	SE	E	NNW	NNW	NNW	WNW	WNW	WNW	SE	W	WSW	WSW	WSW	SSW	SSE	ESE	ESE	SE	SE
31	SSE	SE	SSE	SSE	SE	SSE	SE	E	NE	NW	WNW	WNW	WNW	NW	WSW	W	W	WNW	WNW	SE	SSE	SSE	S	SSE	SSE
PV	SSE	SSE	SE	SSE	SSE	SE	SSE	ESE	NE	NW	NW	WNW	WNW	WNW	W	SSE	SSE	S	S	S	SSE	SSE	SSE	SSE	SSE

GHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	165	159	135	151	144	140	136	143	50	332	284	281	267	246	291	284	286	41	75	90	152	159	141	152	7
2	157	144	142	137	144	152	150	135	284	279	279	279	311	277	265	276	294	332	10	146	151	150	138	142	7
3	152	147	147	126	146	139	118	110	82	10	305	295	311	290	282	302	295	308	250	144	147	151	115	116	8
4	127	145	137	144	121	128	130	114	75	0	293	284	297	276	288	294	255	258	189	219	169	149	160	158	7
5	128	135	162	173	163	191	177	150	186	269	162	126	228	343	289	168	164	166	163	144	150	148	147	127	6
6	119	116	147	155	146	134	131	114	103	305	296	294	317	320	295	280	243	310	273	126	175	260	186	159	7
7	166	151	129	149	158	266	89	99	153	161	278	308	325	343	318	310	7	324	13	58	139	155	158	151	8
8	142	145	143	118	127	102	83	82	64	301	285	226	308	319	285	277	288	291	195	156	185	182	134	124	7
9	151	145	146	138	142	135	109	83	15	296	316	296	301	247	185	169	189	204	172	161	170	164	201	167	9
10	191	199	125	163	168	157	163	188	265	301	302	341	47	107	153	235	301	5	140	172	125	74	67	74	8
11	37	336	325	321	324	302	288	305	301	299	32	31	80	90	93	102	111	109	100	73	294	261	177	154	14
12	157	175	173	157	152	151	140	130	49	329	288	298	291	299	297	291	285	260	326	82	141	155	157	143	8
13	81	127	116	346	74	81	127	56	60	114	218	237	270	298	130	159	161	129	55	195	113	167	181	185	7
14	191	119	130	147	133	143	150	115	19	46	71	147	194	197	179	158	162	107	76	69	62	35	14	163	8
15	209	186	178	173	165	172	174	177	121	220	0	319	304	298	300	307	330	342	18	141	158	135	152	177	8
16	155	157	155	148	134	127	163	116	74	334	289	312	306	288	297	242	241	233	223	133	158	146	146	141	7
17	141	123	180	132	132	161	172	215	132	124	334	337	293	257	321	304	302	234	153	158	178	142	162	150	8
18	144	139	133	120	107	131	155	123	71	286	13	313	315	318	5	245	178	176	162	160	159	145	149	341	7
19	333	83	139	149	151	148	163	126	23	285	179	158	55	40	20	48	103	106	139	147	165	324	64	107	8
20	276	119	151	120	149	132	152	349	188	340	8	324	322	326	356	272	325	319	298	126	158	148	153	155	8
21	139	151	144	136	142	67	115	128	101	26	359	30	296	13	316	270	192	207	161	162	154	140	144	154	7
22	152	154	135	134	137	128	142	120	94	332	301	302	284	296	238	265	266	250	213	170	165	124	112	160	7
23	156	157	149	137	145	133	147	110	93	309	305	319	292	268	273	270	251	275	93	161	159	152	187	140	8
24	138	148	157	136	121	144	133	126	147	272	309	349	280	288	183	321	347	237	113	155	151	167	187	179	8
25	156	160	153	159	141	165	185	142	158	163	78	62	258	306	28	121	3	345	150	157	123	85	90	126	7
26	131	158	162	183	168	331	93	60	54	109	191	190	202	198	186	192	198	203	189	155	156	278	301	271	9
27	243	317	47	40	53	35	155	147	131	116	133	146	154	225	176	262	254	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	7
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
PV	8	7	8	7	7	8	8	6	4	14	14	14	14	14	14	14	14	15	8	8	8	8	8	8	8

UHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SE	SSE	SE	SE	SE	SE	NE	NNW	WNW	W	W	WSW	WNW	WNW	WNW	NE	ENE	E	SSE	SSE	SE	SSE	SE
2	SSE	SE	SE	SE	SE	SSE	SSE	SE	WNW	W	W	W	NW	W	W	W	WNW	NNW	N	SE	SSE	SSE	SE	SE	SE
3	SSE	SSE	SSE	SE	SE	SE	ESE	ESE	E	N	NW	WNW	NW	WNW	WNW	WNW	WNW	NW	WSW	SE	SSE	SSE	ESE	ESE	SSE
4	SE	SE	SE	SE	ESE	SE	SE	ESE	ENE	N	WNW	WNW	WNW	W	WNW	WNW	WSW	WSW	S	SW	S	SSE	SSE	SSE	SE
5	SE	SE	SSE	S	SSE	S	S	SSE	S	W	SSE	SE	SW	NNW	WNW	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SE	SSE
6	ESE	ESE	SSE	SSE	SE	SE	SE	ESE	ESE	NW	WNW	WNW	NW	NW	WNW	W	WSW	NW	W	SE	S	W	S	SSE	SE
7	SSE	SSE	SE	SSE	SSE	W	E	E	SSE	SSE	W	NW	NW	NNW	NW	NW	N	NW	NNE	ENE	SE	SSE	SSE	SSE	SSE
8	SE	SE	SE	ESE	SE	ESE	E	E	ENE	WNW	WNW	SW	NW	NW	WNW	W	WNW	WNW	SSW	SSE	S	S	SE	SE	SE
9	SSE	SE	SE	SE	SE	SE	ESE	E	NNE	WNW	NW	WNW	WNW	WSW	S	S	S	SSW	S	SSE	S	SSE	SSW	SSE	S
10	S	SSW	SE	SSE	SSE	SSE	SSE	S	W	WNW	WNW	NNW	NE	ESE	SSE	SW	WNW	N	SE	S	SE	ENE	ENE	ENE	SSE
11	NE	NNW	NW	NW	NW	WNW	WNW	NW	WNW	WNW	NNE	NNE	E	E	E	ESE	ESE	ESE	E	ENE	WNW	W	S	SSE	WNW
12	SSE	S	S	SSE	SSE	SSE	SE	SE	NE	NNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	NW	E	SE	SSE	SSE	SE	SSE
13	E	SE	ESE	NNW	ENE	E	SE	NE	ENE	ESE	SW	WSW	W	WNW	SE	SSE	SSE	SE	NE	SSW	ESE	SSE	S	S	SE
14	S	ESE	SE	SSE	SE	SE	SSE	ESE	NNE	NE	ENE	SSE	SSW	SSW	S	SSE	SSE	ESE	ENE	ENE	ENE	NE	NNE	SSE	SSE
15	SSW	S	S	S	SSE	S	S	S	ESE	SW	N	NW	NW	WNW	WNW	NW	NNW	NNW	NNE	SE	SSE	SE	SSE	S	SSE
16	SSE	SSE	SSE	SSE	SE	SE	SSE	ESE	ENE	NNW	WNW	NW	NW	WNW	WNW	WSW	WSW	SW	SW	SE	SSE	SE	SE	SE	SE
17	SE	ESE	S	SE	SE	SSE	S	SW	SE	SE	NNW	NNW	WNW	WSW	NW	NW	WNW	SW	SSE	SSE	S	SE	SSE	SSE	SSE
18	SE	SE	SE	ESE	ESE	SE	SSE	ESE	ENE	WNW	NNE	NW	NW	NW	N	WSW	S	S	SSE	SSE	SSE	SE	SSE	NNW	SE
19	NNW	E	SE	SSE	SSE	SSE	SSE	SE	NNE	WNW	S	SSE	NE	NE	NNE	NE	ESE	ESE	SE	SSE	SSE	NW	ENE	ESE	SSE
20	W	ESE	SSE	ESE	SSE	SE	SSE	N	S	NNW	N	NW	NW	NW	N	W	NW	NW	WNW	SE	SSE	SSE	SSE	SSE	SSE
21	SE	SSE	SE	SE	SE	ENE	ESE	SE	E	NNE	N	NNE	WNW	NNE	NW	W	SSW	SSW	SSE	SSE	SSE	SE	SE	SSE	SE
22	SSE	SSE	SE	SE	SE	SE	SE	ESE	E	NNW	WNW	WNW	WNW	WNW	WSW	W	W	WSW	SSW	S	SSE	SE	ESE	SSE	SE
23	SSE	SSE	SSE	SE	SE	SE	SSE	ESE	E	NW	NW	NW	WNW	W	W	W	WSW	W	E	SSE	SSE	SSE	S	SE	SSE
24	SE	SSE	SSE	SE	ESE	SE	SE	SE	SSE	W	NW	N	W	WNW	S	NW	NNW	WSW	ESE	SSE	SSE	SSE	S	S	SSE
25	SSE	SSE	SSE	SSE	SE	SSE	S	SE	SSE	SSE	ENE	ENE	WSW	NW	NNE	ESE	N	NNW	SSE	SSE	ESE	E	E	SE	SE
26	SE	SSE	S	S	SSE	NNW	E	ENE	NE	ESE	S	S	SSW	SSW	S	SSW	SSW	SSW	S	SSE	SSE	W	WNW	W	S
27	WSW	NW	NE	NE	NE	NE	SSE	SSE	SE	ESE	SE	SE	SSE	SW	S	W	WSW	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	SE
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
PV	SSE	SE	SSE	SE	SE	SSE	SSE	ESE	ENE	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	SSE	SSE	SSE	SSE	SSE	SSE	SSE

QHOUT -- OU004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	71	83	128	106	35	241	265	141	154	162	156	158	153	7
13	145	132	149	148	150	152	138	122	219	309	2	60	55	98	40	37	83	106	134	161	162	156	153	149	7
14	149	144	135	144	143	123	132	109	118	293	334	337	2	291	306	330	338	354	135	156	154	145	147	154	7
15	154	147	138	116	136	124	114	90	30	340	324	3	300	310	297	313	339	60	160	150	138	162	150	138	7
16	137	116	136	132	113	113	119	143	92	321	313	351	302	295	303	308	339	127	163	152	159	141	154	138	7
17	141	141	129	116	139	139	143	131	120	299	342	305	311	306	271	244	245	241	227	179	134	118	146	145	7
18	143	148	156	155	141	139	114	141	147	317	317	295	295	271	249	272	309	309	294	293	289	295	339	6	14
19	345	359	24	93	143	139	151	150	115	95	125	61	297	16	342	353	11	24	143	160	161	155	157	132	7
20	140	133	133	143	123	125	130	118	86	284	294	307	312	300	249	334	262	284	153	150	157	157	159	144	7
21	147	141	117	138	149	137	149	121	95	315	348	327	244	263	266	289	302	351	158	152	144	138	147	137	7
22	144	144	140	129	98	132	108	113	118	19	271	306	309	333	336	316	312	260	153	145	158	161	155	145	7
23	148	150	143	134	139	110	88	145	87	21	296	309	331	330	307	310	309	220	146	154	156	152	151	147	7
24	97	111	141	107	140	146	151	142	298	308	277	319	270	272	347	307	295	289	248	141	93	195	214	155	7
25	165	261	105	153	149	141	146	107	271	231	299	289	278	283	308	292	215	81	121	154	167	141	108	170	8
26	129	130	128	98	119	83	97	57	65	219	205	193	194	194	192	209	183	179	193	221	276	177	159	219	10
27	202	58	146	240	291	9	58	307	58	348	213	187	193	189	162	294	166	332	257	188	202	169	173	170	9
28	177	174	178	172	156	171	140	148	149	152	285	324	331	69	333	126	106	61	170	150	178	170	193	182	8
29	145	145	132	130	136	114	116	105	248	211	230	241	246	206	205	187	187	203	174	246	122	163	137	75	7
30	103	143	92	116	135	156	103	154	180	328	274	294	312	136	353	66	129	145	227	242	104	79	128	89	6
31	82	70	132	11	25	343	330	317	298	282	278	305	5	18	19	100	337	337	170	174	186	182	252	145	16
PV	7	7	7	7	7	7	7	7	5	15	14	15	14	14	15	15	15	1	8	8	8	8	8	8	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	ENE	E	SE	ESE	NE	WSW	W	SE	SSE	SSE	SSE	SSE	SSE	SE
13	SE	SE	SSE	SSE	SSE	SSE	SE	ESE	SW	NW	N	ENE	NE	E	NE	NE	E	ESE	SE	SSE	SSE	SSE	SSE	SSE	SE
14	SSE	SE	SE	SE	SE	ESE	SE	ESE	ESE	WNW	NNW	NNW	N	WNW	NW	NNW	NNW	N	SE	SSE	SSE	SE	SSE	SSE	SE
15	SSE	SSE	SE	ESE	SE	SE	ESE	E	NNE	NNW	NW	N	WNW	NW	WNW	NW	NNW	ENE	SSE	SSE	SE	SSE	SSE	SE	SE
16	SE	ESE	SE	SE	ESE	ESE	ESE	SE	E	NW	NW	N	WNW	WNW	WNW	NW	NNW	SE	SSE	SSE	SSE	SE	SSE	SE	SE
17	SE	SE	SE	ESE	SE	SE	SE	SE	ESE	WNW	NNW	NW	NW	NW	W	WSW	WSW	WSW	SW	S	SE	ESE	SE	SE	SE
18	SE	SSE	SSE	SSE	SE	SE	ESE	SE	SSE	NW	NW	WNW	WNW	W	WSW	W	NW	NW	WNW	WNW	WNW	WNW	NNW	N	WNW
19	NNW	N	NNE	E	SE	SE	SSE	SSE	ESE	E	SE	ENE	WNW	NNE	NNW	N	N	NNE	SE	SSE	SSE	SSE	SSE	SE	SE
20	SE	SE	SE	SE	ESE	SE	SE	ESE	E	WNW	WNW	NW	NW	WNW	WSW	NNW	W	WNW	SSE	SSE	SSE	SSE	SSE	SE	SE
21	SSE	SE	ESE	SE	SSE	SE	SSE	ESE	E	NW	NNW	NNW	WSW	W	W	WNW	WNW	N	SSE	SSE	SE	SE	SSE	SE	SE
22	SE	SE	SE	SE	E	SE	ESE	ESE	ESE	NNE	W	NW	NW	NNW	NNW	NW	NW	W	SSE	SE	SSE	SSE	SSE	SE	SE
23	SSE	SSE	SE	SE	SE	ESE	E	SE	E	NNE	WNW	NW	NNW	NNW	NW	NW	NW	SW	SE	SSE	SSE	SSE	SSE	SSE	SE
24	E	ESE	SE	ESE	SE	SE	SSE	SE	WNW	NW	W	NW	W	W	NNW	NW	WNW	WNW	WSW	SE	E	SSW	SW	SSE	SE
25	SSE	W	ESE	SSE	SSE	SE	SE	ESE	W	SW	WNW	WNW	W	WNW	NW	WNW	SW	E	ESE	SSE	SSE	SE	ESE	S	SSE
26	SE	SE	SE	E	ESE	E	E	ENE	ENE	SW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	SSW	SW	W	S	SSE	SW	SSW
27	SSW	ENE	SE	WSW	WNW	N	ENE	NW	ENE	NNW	SSW	S	SSW	S	SSE	WNW	SSE	NNW	WSW	S	SSW	S	S	S	S
28	S	S	S	S	SSE	S	SE	SSE	SSE	SSE	WNW	NW	NNW	ENE	NNW	SE	ESE	ENE	S	SSE	S	S	SSW	S	SSE
29	SE	SE	SE	SE	SE	ESE	ESE	ESE	WSW	SSW	SW	WSW	WSW	SSW	SSW	S	S	SSW	S	WSW	ESE	SSE	SE	ENE	SE
30	ESE	SE	E	ESE	SE	SSE	ESE	SSE	S	NNW	W	WNW	NW	SE	N	ENE	SE	SE	SW	WSW	ESE	E	SE	E	ESE
31	E	ENE	SE	N	NNE	NNW	NNW	NW	WNW	WNW	W	NW	N	NNE	NNE	E	NNW	NNW	S	S	S	S	WSW	SE	NNW
PV	SE	SE	SE	SE	SE	SE	SE	SE	E	NW	WNW	NW	WNW	WNW	NW	NW	NW	N	SSE	SSE	SSE	SSE	SSE	SSE	SE

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	180	150	165	180	175	175	180	180	165	235	255	246	251	295	264	292	297	342	52	174	121	94	41	101	9
2	150	196	290	11	18	96	159	154	173	326	65	354	80	67	45	68	95	107	143	143	157	136	140	151	8
3	127	130	132	101	123	135	121	82	81	310	322	312	296	300	339	337	350	12	102	163	156	157	155	148	7
4	140	147	151	125	114	153	142	151	223	324	343	353	295	305	306	305	312	271	151	171	150	156	152	150	8
5	154	153	150	155	142	141	133	112	125	348	247	291	299	259	302	304	263	260	159	160	155	153	153	148	7
6	118	82	115	157	142	143	146	141	117	49	321	283	281	306	297	315	177	165	169	172	180	165	149	142	8
7	143	145	150	129	141	142	148	142	112	310	291	292	286	305	271	278	255	151	142	145	131	118	106	102	7
8	152	152	198	206	185	190	185	204	197	178	322	6	333	278	291	355	24	64	49	161	107	65	61	110	9
9	105	29	58	69	126	139	90	37	265	17	86	127	181	185	193	197	262	58	127	155	140	130	130	130	7
10	93	303	104	158	145	129	82	251	121	109	266	198	178	222	233	237	210	281	147	163	183	242	219	253	12
11	5	339	295	284	286	276	254	239	197	203	203	213	205	163	156	135	206	277	278	257	242	176	174	172	10
12	158	150	167	162	159	153	155	146	124	109	75	5	75	240	101	108	102	114	149	159	139	135	121	123	8
13	154	137	153	134	140	151	111	77	165	165	128	280	284	271	278	264	270	296	285	260	174	119	103	114	8
14	152	157	150	157	156	155	151	149	158	158	312	261	272	332	295	293	328	231	150	156	141	147	148	143	8
15	141	151	151	152	133	91	143	142	126	279	291	287	285	278	283	277	310	265	166	143	166	154	152	152	8
16	148	165	140	154	150	128	142	156	141	339	291	281	299	280	328	259	258	167	137	151	141	146	152	142	7
17	139	121	145	141	86	113	149	146	134	293	295	291	279	257	261	282	272	169	143	145	151	146	115	135	7
18	151	137	146	93	78	102	97	240	170	132	19	349	326	283	283	227	189	174	145	160	173	171	193	166	9
19	184	194	192	185	199	200	203	219	205	232	242	234	206	273	262	256	277	258	165	178	176	173	190	166	10
20	158	171	164	155	134	145	172	142	149	326	312	310	320	322	272	268	107	153	163	165	175	176	219	164	8
21	163	168	159	157	162	162	190	156	129	88	313	312	1	314	297	314	280	181	150	158	141	143	143	131	8
22	144	137	134	126	85	99	142	115	67	139	339	353	288	159	337	35	59	47	80	109	127	45	69	97	7
23	108	89	71	138	168	128	142	157	165	124	48	41	43	65	57	64	70	99	134	127	144	154	149	149	7
24	143	138	128	127	124	119	79	78	81	298	330	357	297	301	301	303	187	83	279	88	305	292	289	48	14
25	161	164	154	171	171	166	93	21	300	280	312	281	280	272	13	210	290	208	155	243	186	140	180	276	8
26	145	161	208	162	159	164	171	173	147	143	314	315	257	233	212	152	331	57	147	163	192	158	144	121	8
27	103	144	144	147	152	121	116	150	148	71	359	343	344	289	330	295	264	153	160	164	179	164	163	164	8
28	155	150	143	90	97	97	146	167	334	303	165	289	313	107	345	243	247	237	280	166	83	95	196	164	8
29	156	142	199	178	168	92	107	282	341	281	317	320	281	268	216	146	288	130	124	167	212	347	2	43	7
30	354	289	304	311	295	306	121	129	324	8	134	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	15
PV	7	8	7	8	8	7	7	8	7	15	15	14	14	14	14	14	13	8	8	8	[VA]	8	8	7	8

QNOUT -- QU001 <811111.1750>

WIND DIRECTION [CC;02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*     FINAL DATA     *
*  AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	SSE	SSE	S	S	S	S	S	SSE	SW	WSW	WSW	WSW	WNW	W	WNW	WNW	NNW	NE	S	ESE	E	NE	E	S
2	SSE	SSW	WNW	N	NNE	E	SSE	SSE	S	NW	ENE	N	E	E	NE	ENE	E	ESE	SE	SE	SSE	SE	SE	SSE	SSE
3	SE	SE	SE	E	ESE	SE	ESE	E	E	NW	NW	NW	WNW	WNW	NNW	NNW	N	NNE	ESE	SSE	SSE	SSE	SSE	SSE	SE
4	SE	SSE	SSE	SE	ESE	SSE	SE	SSE	SW	NW	NNW	N	WNW	NW	NW	NW	NW	W	SSE	S	SSE	SSE	SSE	SSE	SSE
5	SSE	SSE	SSE	SSE	SE	SE	SE	ESE	SE	NNW	WSW	WNW	WNW	W	WNW	NW	W	W	SSE	SSE	SSE	SSE	SSE	SSE	SE
6	ESE	E	ESE	SSE	SE	SE	SE	SE	ESE	NE	NW	WNW	W	NW	WNW	NW	S	SSE	S	S	S	SSE	SSE	SE	SSE
7	SE	SE	SSE	SE	SE	SE	SSE	SE	ESE	NW	WNW	WNW	WNW	NW	W	W	WSW	SSE	SE	SE	SE	ESE	ESE	ESE	SE
8	SSE	SSE	SSW	SSW	S	S	S	SSW	SSW	S	NW	N	NNW	W	WNW	N	NNE	ENE	NE	SSE	ESE	ENE	ENE	ESE	S
9	ESE	NNE	ENE	ENE	SE	SE	E	NE	W	NNE	E	SE	S	S	SSW	SSW	W	ENE	SE	SSE	SE	SE	SE	SE	SE
10	E	WNW	ESE	SSE	SE	SE	E	WSW	ESE	ESE	W	SSW	S	SW	SW	WSW	SSW	W	SSE	SSE	S	WSW	SW	WSW	WSW
11	N	NNW	WNW	WNW	WNW	W	WSW	WSW	SSW	SSW	SSW	SSW	SSW	SSE	SSE	SE	SSW	W	W	WSW	WSW	S	S	S	SSW
12	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	ENE	N	ENE	WSW	E	ESE	ESE	ESE	SSE	SSE	SE	SE	ESE	ESE	SSE
13	SSE	SE	SSE	SE	SE	SSE	ESE	ENE	SSE	SSE	SE	W	WNW	W	W	W	W	WNW	WNW	W	S	ESE	ESE	ESE	SSE
14	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	NW	W	W	NNW	WNW	WNW	NNW	SW	SSE	SSE	SE	SSE	SSE	SE	SSE
15	SE	SSE	SSE	SSE	SE	E	SE	SE	SE	W	WNW	WNW	WNW	W	WNW	W	NW	W	SSE	SE	SSE	SSE	SSE	SSE	SSE
16	SSE	SSE	SE	SSE	SSE	SE	SE	SSE	SE	NNW	WNW	W	WNW	W	NNW	W	WSW	SSE	SE	SSE	SE	SE	SSE	SE	SE
17	SE	ESE	SE	SE	E	ESE	SSE	SE	SE	WNW	WNW	WNW	W	WSW	W	WNW	W	S	SE	SE	SSE	SE	ESE	SE	SE
18	SSE	SE	SE	E	ENE	ESE	E	WSW	S	SE	NNE	N	NW	WNW	WNW	SW	S	S	SE	SSE	S	S	SSW	S	S
19	S	SSW	SSW	S	SSW	SSW	SSW	SW	SSW	SW	WSW	SW	SSW	W	W	WSW	W	WSW	SSE	S	S	S	S	SSE	SSW
20	SSE	S	SSE	SSE	SE	SE	S	SE	SSE	NW	NW	NW	NW	NW	W	W	ESE	SSE	SSE	SSE	S	S	SW	SSE	SSE
21	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SE	E	NW	NW	N	NW	WNW	NW	W	S	SSE	SSE	SE	SE	SE	SE	SSE
22	SE	SE	SE	SE	E	E	SE	ESE	ENE	SE	NNW	N	WNW	SSE	NNW	NE	ENE	NE	E	ESE	SE	NE	ENE	E	SE
23	ESE	E	ENE	SE	SSE	SE	SE	SSE	SSE	SE	NE	NE	NE	ENE	ENE	ENE	ENE	E	SE	SE	SE	SSE	SSE	SSE	SE
24	SE	SE	SE	SE	SE	ESE	E	ENE	E	WNW	NNW	N	WNW	WNW	WNW	WNW	S	E	W	E	NW	WNW	WNW	NE	WNW
25	SSE	SSE	SSE	S	S	SSE	E	NNE	WNW	W	NW	W	W	W	NNE	SSW	WNW	SSW	SSE	WSW	S	SE	S	W	SSE
26	SE	SSE	SSW	SSE	SSE	SSE	S	S	SSE	SE	NW	NW	WSW	SW	SSW	SSE	NNW	ENE	SSE	SSE	SSW	SSE	SE	ESE	SSE
27	ESE	SE	SE	SSE	SSE	ESE	ESE	SSE	SSE	ENE	N	NNW	NNW	WNW	NNW	WNW	W	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE
28	SSE	SSE	SE	E	E	E	SE	SSE	NNW	WNW	SSE	WNW	NW	ESE	NNW	WSW	WSW	WSW	W	SSE	E	E	SSW	SSE	SSE
29	SSE	SE	SSW	S	SSE	E	ESE	WNW	NNW	W	NW	NW	W	W	SW	SE	WNW	SE	SE	SSE	SSW	NNW	N	NE	SE
30	N	WNW	NW	NW	WNW	NW	ESE	SE	NW	N	SE	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	NW
PV	SE	SSE	SE	SSE	SSE	SE	SE	SSE	SE	NW	NW	WNW	WNW	WNW	WNW	WNW	W	SSE	SSE	SSE	[VA]	SSE	SSE	SE	SSE

WHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	277	275	332	322	289	0	146	142	146	151	163	153	7
4	138	140	141	110	130	149	150	158	148	278	301	281	316	351	355	284	301	143	149	154	159	106	145	138	7
5	151	142	78	140	117	87	78	127	131	300	284	281	288	275	296	275	248	166	147	151	161	162	142	107	7
6	132	152	137	148	107	115	172	217	169	140	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	7
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	30	16	14	351	342	332	304	264	144	150	151	155	148	149	8
12	156	149	145	118	104	124	74	320	278	283	183	160	162	266	343	300	232	268	217	311	181	175	156	162	8
13	165	175	167	159	157	312	292	288	326	60	346	2	310	282	280	278	288	299	155	188	163	171	225	224	14
14	251	228	237	216	199	189	180	171	168	174	292	320	324	289	302	357	34	102	155	164	152	152	146	123	8
15	159	136	91	141	132	84	348	259	105	344	356	40	54	8	271	284	262	220	152	155	151	137	208	158	7
16	180	61	164	181	48	152	173	148	120	148	273	261	270	353	339	287	264	142	147	165	166	157	140	150	8
17	122	151	170	152	127	154	131	154	168	36	296	277	330	33	265	230	33	131	150	151	157	151	272	198	8
18	136	133	115	293	113	148	89	111	150	129	170	214	301	267	248	204	131	147	144	146	142	139	150	145	7
19	153	151	153	143	103	142	145	144	146	161	299	289	280	272	266	286	1	100	163	159	140	132	153	156	7
20	149	148	145	152	153	95	99	170	129	349	254	320	307	265	256	274	264	163	127	151	173	149	133	152	8
21	137	46	102	152	148	141	138	162	153	272	327	271	229	76	312	290	262	280	225	193	277	139	111	150	8
22	153	143	161	150	126	118	55	124	144	46	18	328	316	226	198	181	178	138	157	147	139	162	132	99	8
23	89	70	106	217	219	208	225	267	194	119	50	59	115	182	277	222	142	105	89	102	245	268	119	140	6
24	224	107	157	166	173	340	34	47	36	3	25	53	53	44	57	63	45	42	38	54	55	50	55	80	3
25	154	150	134	149	217	154	207	161	136	201	305	302	4	3	312	273	306	114	165	156	157	155	135	130	7
26	135	134	113	122	117	127	140	99	118	164	23	20	9	318	322	312	273	215	152	139	159	168	153	162	7
27	156	147	155	141	153	104	66	101	132	81	336	311	175	297	326	289	213	305	16	327	348	266	238	139	8
28	141	158	162	164	154	156	147	152	137	113	59	22	56	58	355	290	41	71	155	154	159	155	155	152	8
29	149	150	148	123	117	115	110	108	118	131	358	340	336	293	288	289	0	145	159	144	151	135	146	149	[VA]
30	128	140	158	126	88	113	120	163	117	97	54	328	334	322	355	289	221	146	140	160	139	105	113	137	7
31	146	120	129	126	127	151	120	109	87	47	334	325	290	302	273	274	299	289	150	158	150	149	147	144	7
PV	8	7	7	7	7	[VA]	7	8	7	7	2	15	15	13	[VA]	14	14	7	8	8	8	8	7	7	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	W	W	NNW	NW	WNW	N	SE	SE	SE	SSE	SSE	SSE	SE
4	SE	SE	SE	ESE	SE	SSE	SSE	SSE	SSE	W	WNW	W	NW	N	N	WNW	WNW	SE	SSE	SSE	SSE	ESE	SE	SE	SE
5	SSE	SE	ENE	SE	ESE	E	ENE	SE	SE	WNW	WNW	W	WNW	W	WNW	W	WSW	SSE	SSE	SSE	SSE	SSE	SE	ESE	SE
6	SE	SSE	SE	SSE	ESE	ESE	S	SW	S	SE	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	SE
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	NNE	NNE	NNE	N	NNW	NNW	NW	W	SE	SSE	SSE	SSE	SSE	SSE	SSE
12	SSE	SSE	SE	ESE	ESE	SE	ENE	NW	W	WNW	S	SSE	SSE	W	NNW	WNW	SW	W	SW	NW	S	S	SSE	SSE	SSE
13	SSE	S	SSE	SSE	SSE	NW	WNW	WNW	NW	ENE	NNW	N	NW	WNW	W	W	WNW	WNW	SSE	S	SSE	S	SW	SW	WNW
14	WSW	SW	WSW	SW	SSW	S	S	S	SSE	S	WNW	NW	NW	WNW	WNW	N	NE	ESE	SSE	SSE	SSE	SSE	SE	ESE	SSE
15	SSE	SE	E	SE	SE	E	NNW	W	ESE	NNW	N	NE	NE	N	W	WNW	W	SW	SSE	SSE	SSE	SE	SSW	SSE	SE
16	S	ENE	SSE	S	NE	SSE	S	SSE	ESE	SSE	W	W	W	N	NNW	WNW	W	SE	SSE	SSE	SSE	SSE	SE	SSE	SSE
17	ESE	SSE	S	SSE	SE	SSE	SE	SSE	SSE	NE	WNW	W	NNW	NNE	W	SW	NNE	SE	SSE	SSE	SSE	SSE	W	SSW	SSE
18	SE	SE	ESE	WNW	ESE	SSE	E	ESE	SSE	SE	S	SW	WNW	W	WSW	SSW	SE	SSE	SE	SE	SE	SE	SSE	SE	SE
19	SSE	SSE	SSE	SE	ESE	SE	SE	SE	SE	SSE	WNW	WNW	W	W	W	WNW	N	E	SSE	SSE	SE	SE	SSE	SSE	SE
20	SSE	SSE	SE	SSE	SSE	E	E	S	SE	N	WSW	NW	NW	W	WSW	W	W	SSE	SE	SSE	S	SSE	SE	SSE	SSE
21	SE	NE	ESE	SSE	SSE	SE	SE	SSE	SSE	W	NNW	W	SW	ENE	NW	WNW	W	W	SW	SSW	W	SE	ESE	SSE	SSE
22	SSE	SE	SSE	SSE	SE	ESE	NE	SE	SE	NE	NNE	NNW	NW	SW	SSW	S	S	SE	SSE	SSE	SE	SSE	SE	E	SSE
23	E	ENE	ESE	SW	SW	SSW	SW	W	SSW	ESE	NE	ENE	ESE	S	W	SW	SE	ESE	E	ESE	WSW	W	ESE	SE	ESE
24	SW	ESE	SSE	SSE	S	NNW	NE	NE	NE	N	NNE	NE	NE	NE	ENE	ENE	NE	NE	NE	NE	NE	NE	NE	E	NE
25	SSE	SSE	SE	SSE	SW	SSE	SSW	SSE	SE	SSW	NW	WNW	N	N	NW	W	NW	ESE	SSE	SSE	SSE	SSE	SE	SE	SE
26	SE	SE	ESE	ESE	ESE	SE	SE	E	ESE	SSE	NNE	NNE	N	NW	NW	NW	W	SW	SSE	SE	SSE	SSE	SSE	SSE	SE
27	SSE	SSE	SSE	SE	SSE	ESE	ENE	E	SE	E	NNW	NW	S	WNW	NW	WNW	SSW	NW	NNE	NNW	NNW	W	WSW	SE	SSE
28	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	ESE	ENE	NNE	NE	ENE	N	WNW	NE	ENE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
29	SSE	SSE	SSE	ESE	ESE	ESE	ESE	ESE	ESE	SE	N	NNW	NNW	WNW	WNW	WNW	N	SE	SSE	SE	SSE	SE	SE	SSE	[VA]
30	SE	SE	SSE	SE	E	ESE	ESE	SSE	ESE	E	NE	NNW	NNW	NW	N	WNW	SW	SE	SE	SSE	SE	ESE	ESE	SE	SE
31	SE	ESE	SE	SE	SE	SSE	ESE	ESE	E	NE	NNW	NW	WNW	WNW	W	W	WNW	WNW	SSE	SSE	SSE	SSE	SSE	SE	SE
PV	SSE	SE	SE	SE	SE	[VA]	SE	SSE	SE	SE	NNE	NW	NW	W	[VA]	WNW	WNW	SE	SSE	SSE	SSE	SSE	SE	SE	SE

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-6	-6	-6	-6	-6	-6	-6	-7	-8	-7	-6	-4	-2	-2	-4	-4	-3	-2	-3	-4	-4	-5	-6	-8	-5	-2
2	-10	-11	-12	-13	-13	-13	-14	-15	-14	-13	-12	-11	-11	-10	-10	-10	-10	-10	-9	-9	-10	-11	-10	-10	-11	-9
3	-11	-12	-14	-16	-15	-16	-17	-18	-17	-16	-13	-10	-7	-6	-6	-6	-7	-9	-10	-11	-10	-9	-8	-7	-11	-6
4	-7	-8	-8	-9	-7	-6	-5	-5	-4	-3	-3	-2	-2	-2	-4	-5	-5	-5	-4	-4	-3	-3	-4	-4	-5	-2
5	-3	-5	-6	-7	-7	-7	-8	-8	-8	-7	-6	-5	-5	-3	-3	-3	-3	-3	-3	-4	-4	-4	-3	-5	-5	-3
6	-4	-4	-3	-3	-4	-5	-6	-7	-7	-8	-8	-8	-8	-8	-8	-8	-9	-9	-10	-11	-12	-13	-16	-18	-8	-3
7	-20	-20	-21	-22	-22	-22	-23	-23	-24	-22	-19	-16	-15	-14	-12	-12	-12	-14	-16	-18	-20	-21	-21	-21	-19	-12
8	-21	-21	-22	-22	-23	-23	-24	-23	-23	-21	-18	-16	-14	-14	-13	-12	-12	-13	-14	-16	-16	-17	-18	-18	-18	-12
9	-18	-18	-18	-18	-19	-20	-19	-20	-20	-17	-15	-12	-11	-10	-9	-9	-10	-11	-12	-14	-14	-15	-15	-16	-15	-9
10	-16	-16	-17	-17	-17	-18	-18	-18	-18	-15	-13	-10	-9	-7	-6	-6	-6	-8	-9	-11	-12	-14	-14	-14	-13	-6
11	-14	-15	-15	-15	-16	-16	-16	-16	-16	-14	-13	-11	-9	-8	-8	-7	-8	-8	-8	-9	-10	-11	-12	-14	-12	-7
12	-13	-13	-12	-12	-13	-13	-14	-15	-15	-14	-11	-9	-6	-5	-4	-4	-4	-6	-9	-10	-11	-12	-11	-11	-10	-4
13	-11	-11	-11	-11	-11	-10	-11	-11	-10	-8	-6	-3	0	0	1	2	1	1	0	-3	-5	-6	-7	-9	-6	2
14	-9	-9	-9	-9	-11	-12	-12	-12	-12	-10	-8	-5	-4	-2	-1	-1	-2	-6	-6	-7	-6	-6	-6	-7	-7	-1
15	-8	-7	-9	-5	-7	-7	-8	-8	-8	-6	-3	1	3	3	3	4	3	1	-2	-3	-4	-5	-5	-6	-3	4
16	-7	-6	-7	-6	-5	-5	-6	-6	-7	-5	-3	0	4	5	6	6	5	4	4	4	4	3	4	4	0	6
17	5	5	5	4	4	3	3	3	2	4	6	7	7	7	8	10	10	8	4	4	4	4	3	3	5	10
18	3	4	3	2	1	0	-1	-2	-2	-2	0	1	4	5	5	7	7	6	5	5	3	1	-1	-1	2	7
19	-1	-2	-1	-2	-4	-5	-5	-6	-6	-5	-2	1	3	4	6	7	6	5	5	2	2	2	0	-1	0	7
20	-4	-5	-6	-5	-6	-6	-7	-7	-7	-5	-2	0	2	3	3	3	2	1	1	0	-1	-2	-3	-3	-2	3
21	0	2	3	3	3	2	3	2	2	3	2	-1	-1	-2	-1	-1	-1	0	0	-1	-2	-3	-4	-3	0	3
22	-4	-6	-9	-10	-11	-11	-11	-10	-9	-7	-6	-4	-3	-2	-2	-3	-4	-5	-6	-7	-8	-9	-9	-11	-7	-2
23	-10	-10	-10	-12	-12	-13	-12	-12	-12	-11	-7	-4	-2	0	0	1	0	-1	-2	-2	-3	-4	-4	-5	-6	1
24	-5	-5	-6	-6	-7	-7	-8	-8	-10	-7	-5	-3	-2	-1	1	2	3	3	2	1	1	0	-1	-2	-3	3
25	-1	-1	-2	-4	-5	-6	-7	-6	-5	-5	-3	-2	0	2	3	3	3	3	1	0	-1	-1	-2	-4	-2	3
26	-4	-5	-5	-6	-6	-7	-9	-8	-7	-6	-3	-1	1	2	4	5	5	4	3	2	2	1	1	1	-2	5
27	6	6	4	0	2	1	1	0	0	1	1	2	2	3	4	4	4	2	0	-3	-4	-5	-5	-5	1	6
28	-6	-7	-8	-8	-9	-8	-8	-8	-8	-7	-5	-3	-1	0	-1	2	1	0	-1	-2	-3	-3	-4	-4	-4	2
29	-4	-4	-4	-4	-3	-3	-3	-3	-3	-4	-2	[CA]	1	2	3	3	4	3	1	0	-1	-3	-4	-5	-1	4
30	-6	-7	-7	-7	-7	-8	-8	-8	-8	-6	-4	-2	0	0	1	2	2	2	0	-3	-4	-4	-4	-4	-4	2
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AV	-7	-7	-8	-8	-9	-9	-9	-9	-9	-8	-6	-4	-3	-2	-1	-1	-1	-2	-3	-4	-5	-6	-6	-7	-6	10
SD	7	7	7	7	7	7	7	7	7	6	6	5	6	5	6	6	6	6	6	6	6	6	6	6	7	[ ]

UNOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-4	-5	-5	-5	-5	-5	-5	-6	-5	-4	-3	-2	-1	-1	0	0	0	-1	-2	-3	-2	-3	-5	-5	-3	0
2	-6	-6	-6	-6	-8	-9	-9	-9	-8	-6	-5	-4	-4	-3	-3	-2	-2	-2	-3	-3	-3	-4	-4	-4	-5	-2
3	-4	-5	-5	-5	-6	-5	-5	-5	-4	-5	-4	-4	-3	-3	-2	-5	-6	-8	-10	-11	-12	-13	-14	-15	-7	-2
4	-16	-16	-17	-17	-17	-17	-18	-19	-19	-18	-18	-17	-16	-15	-15	-15	-15	-16	-17	-18	-18	-19	-19	-19	-17	-15
5	-20	-21	-22	-23	-23	-24	-25	-25	-24	-22	-19	-18	-16	-15	-14	-14	-14	-14	-16	-16	-18	-19	-20	-21	-19	-14
6	-22	-22	-23	-24	-24	-24	-25	-25	-24	-21	-19	-16	-15	-13	-12	-11	-12	-12	-13	-15	-17	-18	-18	-19	-19	-11
7	-20	-21	-21	-22	-22	-23	-23	-23	-22	-19	-16	-14	-12	-10	-9	-8	-8	-9	-10	-12	-14	-14	-15	-15	-16	-8
8	-16	-17	-17	-17	-17	-16	-15	-15	-14	-13	-11	-8	-6	-4	-3	-3	-5	-7	-8	-9	-9	-10	-12	-14	-11	-3
9	-14	-15	-16	-17	-18	-18	-18	-18	-17	-15	-12	-10	-8	-8	-7	-8	-7	-8	-8	-9	-10	-10	-10	-10	-12	-7
10	-10	-10	-11	-12	-12	-12	-12	-13	-12	-9	-6	-3	-1	-1	0	0	0	-1	-3	-5	-7	-8	-9	-10	-7	0
11	-10	-10	-10	-10	-10	-9	-9	-8	-8	-7	[PF]	-3	-2	-1	0	1	1	1	-2	-4	-5	-6	-7	-8	-5	1
12	-8	-8	-9	-10	-12	-11	-12	-12	-11	-8	-5	-3	-1	0	1	1	1	0	-1	-3	-5	-6	-7	-7	-6	1
13	-8	-8	-8	-8	-9	-10	-11	-12	-10	-7	-4	-1	0	1	1	1	2	1	0	-1	-1	-1	-2	-3	-4	2
14	-2	-3	-2	-2	-2	-3	-3	-3	-3	-2	-1	1	3	5	7	7	6	5	4	2	2	1	1	0	1	7
15	-1	-1	-1	-2	-3	-2	-3	-3	-2	-1	1	3	6	8	8	7	7	6	5	4	3	2	2	2	2	8
16	1	0	1	1	1	1	0	1	2	2	5	6	6	6	5	4	4	5	4	3	2	1	1	0	3	6
17	-1	-1	-2	-3	-3	-3	-3	-3	-3	-2	-1	1	2	2	2	4	4	3	2	1	1	0	0	-1	0	4
18	-1	-2	-1	-1	-1	-2	-2	-2	-1	0	2	5	5	5	6	6	6	6	4	1	1	0	-1	-1	1	6
19	-1	-1	-2	-2	-2	-3	-4	-4	-3	-1	2	4	6	7	8	8	8	7	6	4	3	3	2	1	2	8
20	0	-1	-1	-2	-2	-5	-3	-3	-1	1	4	6	7	8	9	9	10	9	7	4	3	2	1	1	3	10
21	1	0	0	-1	-1	-2	-2	-2	-1	2	4	7	8	9	10	11	11	10	9	6	4	3	2	2	4	11
22	1	0	0	0	0	-1	-1	-1	0	2	4	8	11	12	12	13	13	13	10	8	8	6	5	7	5	13
23	8	9	8	4	8	7	5	5	3	7	8	10	11	12	12	13	12	11	9	8	6	4	2	2	8	13
24	1	0	-1	-2	-2	-2	-2	-3	-2	1	3	4	5	6	7	7	7	6	5	4	2	1	0	0	2	7
25	-1	-1	-2	-2	-3	-3	-3	-4	-2	0	3	5	6	7	8	9	9	8	7	4	2	1	1	0	2	9
26	-1	-1	-1	-2	-3	-3	-3	-3	-2	1	4	6	8	9	10	10	9	9	7	5	5	4	3	2	3	10
27	1	0	0	0	0	0	1	2	3	4	7	8	10	11	11	10	10	9	8	7	7	6	5	4	5	11
28	2	1	0	0	-1	-1	-1	-4	0	3	5	7	9	10	11	12	12	12	10	7	6	6	5	4	5	12
AV	-5	-6	-6	-7	-7	-7	-8	-8	-7	-5	-3	-1	1	2	2	2	2	2	0	-1	-2	-3	-4	-5	-3	13
SD	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT 1 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3	2	1	0	1	1	0	0	2	5	6	7	8	10	11	11	11	10	10	10	9	8	8	7	6	11
2	7	6	6	6	5	5	5	4	6	8	10	11	11	11	11	11	8	6	4	3	3	3	2	1	6	11
3	0	0	0	1	1	0	0	0	0	1	1	1	2	3	4	5	5	4	1	1	0	0	0	-1	1	5
4	-1	-2	-2	-3	-4	-3	-4	-5	-5	-2	0	1	1	2	2	2	2	2	1	0	0	0	-1	-2	-1	2
5	-2	-3	-3	-3	-3	-4	-4	-4	-3	-2	0	1	2	2	3	2	1	2	1	0	-1	-2	-3	-3	-1	3
6	-3	-4	-4	-5	-5	-6	-7	-6	-5	-2	-1	1	1	2	3	3	4	4	3	1	0	-1	-1	-1	-1	4
7	-1	-2	-2	-3	-3	-4	-3	-3	-2	-1	1	3	5	6	8	9	9	9	8	5	5	4	3	1	2	9
8	1	0	0	0	0	0	0	0	0	2	3	4	5	7	9	10	9	10	9	8	6	6	5	4	4	10
9	4	3	3	2	2	1	1	2	3	7	9	11	12	13	14	14	14	13	12	10	8	8	8	7	8	14
10	7	6	6	4	2	1	2	2	2	4	6	10	13	13	13	14	14	13	12	12	11	10	7	6	8	14
11	6	5	5	5	4	3	2	2	4	6	11	11	11	11	11	12	12	11	11	10	9	9	9	9	8	12
12	8	8	8	4	4	3	2	2	2	4	5	6	7	7	8	8	8	7	6	5	3	1	0	0	5	8
13	-1	-1	-2	-3	-3	-3	-3	-3	0	2	4	6	8	9	10	10	10	10	9	7	5	3	2	2	3	10
14	1	1	0	0	0	-1	-1	-1	1	3	6	7	9	11	10	10	10	10	9	9	8	7	7	6	5	11
15	6	6	5	3	3	3	4	4	6	7	7	8	9	9	8	8	8	8	8	6	5	5	5	5	6	9
16	4	4	4	4	4	4	4	4	6	6	7	8	8	8	8	9	9	7	6	3	3	2	2	1	5	9
17	1	1	3	3	2	1	0	0	3	4	4	4	7	8	8	8	9	9	8	6	6	6	5	5	5	9
18	4	2	1	1	0	-1	-1	1	4	10	13	13	14	14	15	14	14	13	7	1	0	0	0	-1	6	15
19	-2	-1	0	-1	-2	-2	-2	-2	-1	1	3	3	4	4	4	3	4	3	2	2	1	1	1	-1	1	4
20	-1	-1	-2	-2	-3	-3	-3	-2	0	1	1	2	2	3	3	3	4	4	3	2	0	-1	-1	-3	0	4
21	-4	-5	-5	-5	-6	-6	-7	-6	-3	-2	0	1	3	3	4	4	5	4	2	-2	0	-1	0	-2	-1	5
22	-3	-3	-4	-5	-6	-6	-6	-5	-3	0	2	3	4	5	6	7	7	7	6	4	2	3	1	-1	1	7
23	-2	-2	-3	-4	-4	-4	-3	-2	0	1	2	4	5	6	7	8	8	8	7	5	2	1	0	-1	2	8
24	-2	-2	-3	-3	-3	-3	-2	-1	2	5	7	8	9	10	11	12	12	12	11	9	9	6	4	3	5	12
25	2	2	1	0	-1	-3	-4	-2	0	2	4	6	8	10	11	12	12	11	11	10	7	7	6	6	5	12
26	6	6	6	5	5	4	4	4	5	7	8	6	8	7	6	8	8	8	6	5	5	5	5	5	6	8
27	5	4	4	4	4	4	4	4	5	6	8	9	10	10	10	11	11	11	10	9	8	8	7	7	7	11
28	7	6	5	5	6	6	6	7	8	10	12	12	12	13	14	14	14	14	13	12	11	10	9	10	10	14
29	10	10	10	9	7	6	6	4	2	2	1	2	4	2	1	0	1	3	3	2	2	1	-1	-2	4	10
30	-2	-2	-3	-3	-2	-1	0	-1	0	1	3	4	4	3	3	3	4	4	3	2	1	-1	-1	-1	1	4
31	-2	-3	-3	-4	-4	-4	-4	-3	-2	1	4	8	8	10	11	13	13	13	12	11	11	11	11	10	5	13
AV	2	1	1	0	0	0	0	.0	1	3	5	6	7	7	8	8	8	8	7	5	4	4	3	2	4	15
SD	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC;03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11	11	10	11	11	10	9	9	10	11	12	13	13	13	13	13	12	12	11	10	10	7	4	3	10	13
2	2	0	1	0	0	-1	-1	-1	0	1	2	4	5	5	6	7	4	7	7	5	4	2	1	0	3	7
3	-1	0	0	-1	-1	1	1	1	3	5	7	8	10	12	14	14	14	14	13	11	10	10	10	10	7	14
4	9	9	9	7	6	4	3	4	8	12	13	16	14	14	14	11	8	6	4	2	1	0	0	-1	7	16
5	-2	-2	-3	-4	-5	-6	-6	-4	-1	0	2	3	4	6	7	7	6	6	6	5	5	4	4	3	1	7
6	3	2	0	-1	-2	-2	-2	-1	1	3	7	9	10	13	13	13	13	13	12	10	8	7	5	3	6	13
7	2	1	1	2	1	-1	-2	-2	-2	0	1	3	0	1	3	2	2	2	1	0	-1	-2	-2	-3	0	3
8	-4	-4	-5	-5	-5	-6	-7	-5	-1	0	2	3	4	5	6	5	6	6	5	4	3	2	1	0	0	6
9	-1	-1	-3	-4	-5	-6	-6	-3	0	2	3	4	5	6	7	7	6	5	4	3	2	1	1	-1	1	7
10	-2	-3	-3	-4	-5	-5	-5	-3	0	3	5	7	9	10	12	13	13	14	12	11	9	9	9	9	5	14
11	8	8	7	7	9	10	7	8	13	15	15	15	16	17	17	17	17	17	15	10	11	15	16	16	13	17
12	15	15	14	9	8	8	8	8	10	11	12	13	14	14	15	15	15	15	14	12	11	8	6	5	11	15
13	5	5	4	3	2	1	2	4	7	10	13	15	16	17	18	19	19	18	18	16	13	13	11	11	11	19
14	11	11	10	10	8	7	5	8	12	15	16	17	18	19	19	19	19	18	17	16	12	10	9	8	13	19
15	7	7	8	7	6	4	4	8	10	12	13	14	14	14	14	14	13	12	11	10	8	7	5	4	9	14
16	3	2	1	1	0	0	0	1	2	3	4	5	6	6	7	7	8	8	7	6	3	1	0	-1	3	8
17	-1	-2	-4	-4	-5	-6	-5	-2	2	4	7	9	11	12	14	15	16	16	15	12	10	9	8	7	6	16
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AV	5	4	3	3	2	1	1	3	5	7	9	10	11	12	13	13	13	12	11	10	9	7	6	6	7	21
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	12	10	9	8	7	8	9	11	14	17	20	21	18	16	19	19	19	19	19	17	16	15	15	16	15	21
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AV	11	10	9	8	7	7	8	10	12	14	15	16	17	17	18	18	18	18	17	16	15	13	12	11	13	28
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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AV	16	13	12	12	11	11	13	17	20	22	24	26	26	27	27	26	26	25	24	23	21	19	17	16	20	36
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QHOUT -- DU000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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19	20	18	18	17	17	16	16	18	20	23	26	27	26	28	30	31	31	31	31	29	25	24	22	21	24	31
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AV	20	19	19	18	17	16	16	18	20	22	24	25	27	27	28	28	27	27	27	26	24	22	21	20	22	33
SD	3	3	3	3	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	5	[ ]

GHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	18	17	16	14	13	13	15	18	20	23	25	27	28	28	29	29	29	29	27	23	21	20	19	22	29
2	20	16	15	14	13	12	12	13	16	18	21	24	27	28	28	28	28	28	27	25	21	19	17	16	20	28
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25	17	16	16	16	16	16	16	15	14	16	17	18	20	20	19	19	18	17	16	15	16	15	15	15	17	20
26	15	15	15	16	16	15	15	15	16	17	19	22	24	25	25	25	24	24	23	22	21	18	13	12	19	25
27	12	11	10	10	10	10	10	10	10	11	12	12	13	12	12	13	10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	11	13
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AV	15	14	13	12	12	12	12	12	14	16	18	20	21	22	22	22	22	22	20	19	18	16	16	15	17	31
SD	4	3	3	3	3	3	3	3	4	4	4	5	6	6	6	6	6	6	6	5	4	4	4	4	6	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC;03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [LC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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13	-3	-3	-2	-2	-3	-3	-3	-3	-3	-2	0	2	4	4	5	3	3	2	1	0	-1	-2	-2	-3	0	5
14	-4	-5	-6	-6	-7	-7	-8	-8	-8	-6	-4	-3	-2	0	0	0	0	-1	-3	-4	-5	-5	-6	-6	-4	0
15	-7	-7	-7	-8	-8	-8	-8	-9	-8	-6	-4	-3	-2	0	0	1	1	0	-1	-3	-4	-5	-5	-6	-4	1
16	-7	-7	-7	-8	-8	-9	-9	-9	-8	-6	-4	-2	-1	0	2	2	2	1	-2	-3	-3	-4	-5	-5	-4	2
17	-5	-4	-5	-6	-6	-6	-7	-8	-6	-4	-3	0	1	3	4	4	4	3	1	-1	0	-1	-1	-3	-2	4
18	-3	-4	-3	-3	-3	-3	-3	-3	-2	-1	1	3	5	6	7	8	8	7	6	5	7	7	8	8	2	8
19	8	8	8	8	8	8	8	8	8	6	2	4	4	5	5	6	5	4	2	1	2	1	1	0	5	8
20	0	-1	-2	-2	-4	-4	-4	-5	-4	-2	0	1	2	2	2	2	1	2	1	1	0	0	0	-1	-1	2
21	-2	-3	-3	-4	-4	-3	-3	-4	-3	-1	0	2	4	5	3	4	3	1	0	-1	-2	-2	-3	-3	-1	5
22	-4	-5	-4	-4	-4	-4	-4	-5	-4	-3	-2	-1	0	1	1	0	-1	-1	-1	-1	-1	-2	-3	-3	-2	1
23	-3	-3	-5	-6	-6	-6	-7	-7	-7	-5	-3	-2	0	1	1	0	-1	-3	-4	-5	-7	-7	-8	-8	-4	1
24	-9	-10	-10	-11	-11	-11	-11	-10	-9	-8	-6	-5	-5	-4	-4	-4	-4	-3	-3	-3	-3	-3	-3	-5	-6	-3
25	-5	-6	-7	-7	-7	-6	-6	-5	-4	-4	-3	0	0	1	2	2	2	1	-1	-1	-2	-2	-3	-4	-3	2
26	-4	-6	-6	-7	-7	-7	-8	-9	-8	-5	-3	-2	0	0	1	2	1	0	-3	-4	-5	-5	-6	-6	-4	2
27	-7	-8	-8	-9	-10	-10	-10	-10	-9	-7	-4	-2	0	1	1	1	0	-1	-3	-4	-5	-6	-6	-6	-5	1
28	-7	-8	-7	-7	-7	-7	-7	-7	-6	-5	-3	-2	-1	-1	0	1	0	0	0	0	-1	-1	-2	-3	-3	1
29	-3	-3	-3	-4	-3	-3	-3	-3	-3	-2	-2	0	-1	-1	0	1	1	0	-1	0	0	0	0	-2	-1	1
30	0	-1	-3	-3	-3	-3	-3	-3	-2	0	4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-2	4
AV	-3	-3	-4	-4	-4	-4	-4	-5	-4	-3	-1	0	1	2	3	3	2	1	0	0	-1	-2	-2	-3	-1	11
SD	4	4	4	5	4	4	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC103]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	2	3	2	2	1	0	-1	-2	-3	-3	-4	-5	-1	3
4	-5	-6	-7	-7	-7	-8	-8	-8	-8	-6	-4	-2	0	1	2	2	2	0	-1	-2	-3	-4	-5	-6	-4	2
5	-6	-6	-6	-6	-7	-7	-7	-7	-8	-5	-2	-1	1	1	2	2	2	1	-2	-3	-3	-4	-4	-5	-3	2
6	-5	-6	-6	-6	-6	-6	-6	-7	-6	-4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-6	-4
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-2	0	1	2	2	1	1	-1	-3	-5	-7	-7	-7	-6	-2	2
12	-6	-6	-5	-5	-4	-5	-4	-3	-4	-3	-2	-2	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2	-2	-2	-3	-1
13	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-4	-4	-4	-4	-4	-3	-2	-2	-1	-3	-1
14	-2	-2	-3	-3	-5	-6	-8	-9	-8	-6	-4	-3	-1	0	0	-1	-1	-2	-4	-6	-7	-7	-8	-8	-4	0
15	-8	-9	-9	-10	-9	-8	-8	-8	-7	-6	-5	-4	-1	1	1	1	0	-2	-4	-5	-7	-6	-5	-6	-5	1
16	-5	-5	-5	-4	-4	-5	-5	-7	-6	-4	-3	-2	-1	0	1	0	-1	-2	-4	-5	-5	-7	-7	-8	-4	1
17	-8	-8	-10	-10	-10	-10	-10	-10	-10	-8	-6	-5	-3	-2	-1	0	0	-1	-2	-4	-5	-6	-7	-7	-6	0
18	-8	-9	-7	-8	-8	-9	-8	-9	-8	-5	-2	1	1	2	2	2	1	-2	-4	-5	-5	-7	-7	-8	-5	2
19	-8	-9	-10	-10	-10	-10	-11	-11	-11	-9	-7	-4	-3	-1	0	0	-1	-3	-4	-6	-7	-8	-8	-9	-7	0
20	-10	-10	-10	-11	-11	-11	-11	-11	-11	-9	-7	-5	-3	-2	-1	-1	-1	-3	-5	-5	-6	-7	-7	-6	-7	-1
21	-6	-5	-6	-8	-9	-9	-10	-10	-9	-7	-5	-3	-2	-1	0	0	0	-1	-2	-2	-2	-3	-3	-5	-5	0
22	-5	-6	-6	-6	-6	-5	-5	-4	-5	-3	-1	1	3	7	8	7	6	5	4	2	1	2	2	2	0	8
23	2	3	4	5	5	5	5	3	0	0	1	1	2	2	0	0	0	0	0	-1	-2	-2	-3	-3	1	5
24	-3	-3	-3	-4	-4	-3	-2	-3	-3	-3	-3	-3	-3	-2	-3	-2	-3	-4	-4	-4	-4	-5	-5	-5	-3	-2
25	-7	-8	-9	-8	-8	-10	-11	-12	-13	-11	-9	-7	-5	-5	-4	-5	-6	-8	-10	-11	-13	-13	-14	-15	-9	-4
26	-15	-16	-16	-17	-17	-18	-16	-18	-18	-16	-14	-11	-10	-9	-8	-8	-9	-10	-12	-13	-13	-13	-14	-15	-14	-8
27	-15	-16	-16	-17	-17	-18	-18	-18	-18	-15	-13	-11	-10	-9	-8	-9	-10	-10	-10	-10	-10	-11	-11	-11	-13	-8
28	-13	-12	-12	-13	-13	-14	-16	-17	-17	-16	-13	-11	-9	-7	-7	-7	-8	-10	-13	-14	-15	-15	-16	-17	-13	-7
29	-18	-18	-19	-19	-19	-20	-20	-21	-20	-19	-15	-13	-12	-11	-10	-10	-11	-13	-15	-17	-17	-18	-19	-20	-16	-10
30	-20	-21	-21	-21	-21	-22	-22	-22	-22	-20	-18	-15	-13	-11	-11	-11	-11	-13	-16	-16	-17	-17	-18	-18	-17	-11
31	-19	-19	-20	-20	-20	-21	-21	-21	-21	-19	-16	-14	-11	-10	-10	-10	-11	-12	-14	-15	-16	-17	-18	-18	-16	-10
AV	-8	-9	-9	-9	-9	-10	-10	-10	-10	-9	-7	-5	-3	-2	-2	-2	-3	-4	-6	-6	-7	-8	-8	-8	-7	8
SD	6	6	6	6	6	7	7	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	1.1	2.1	1.4	2.0	2.3	2.2	1.8	3.1	1.5	1.8	2.2	5.3	12.9	4.9	3.9	3.4	4.9	6.9	4.8	4.1	2.9	4.0	5.3	3.5	12.9
2	6.1	9.1	9.9	9.1	7.1	6.0	4.3	5.4	3.4	1.6	1.9	1.9	3.5	7.0	4.8	4.5	1.3	3.1	1.9	2.2	2.7	3.5	5.0	7.0	4.7	9.9
3	7.4	7.3	6.7	5.9	5.3	5.1	5.3	4.6	5.0	4.4	2.2	1.9	5.1	3.4	2.4	3.4	.9	2.8	3.9	4.0	2.9	5.6	2.8	3.5	4.2	7.4
4	6.5	2.7	4.8	2.8	4.8	10.2	11.5	10.3	12.5	6.4	11.0	12.9	12.7	15.1	6.6	6.6	3.5	7.4	6.6	5.3	8.4	7.5	4.7	6.1	7.8	15.1
5	6.9	4.4	2.7	4.0	4.0	4.3	4.5	2.9	3.2	3.6	2.4	3.6	4.7	2.4	3.3	2.7	3.1	1.9	2.4	1.4	1.7	3.8	4.9	4.6	3.5	6.9
6	3.1	2.9	7.6	5.3	7.2	8.1	9.5	9.4	6.7	12.7	7.8	11.7	13.3	12.3	11.4	14.3	10.7	10.0	4.4	2.2	2.1	2.0	3.4	6.2	7.7	14.3
7	7.3	8.7	5.6	5.4	5.3	4.1	4.5	4.5	4.7	3.5	3.3	2.4	3.1	2.8	3.4	4.4	4.3	2.4	2.9	4.4	4.0	4.3	6.6	5.1	4.5	8.7
8	4.0	4.4	4.3	4.1	4.5	2.9	4.3	3.3	2.8	1.9	2.1	2.5	2.9	4.8	3.1	2.9	3.0	3.2	1.8	3.3	3.5	3.8	3.7	4.9	3.4	4.9
9	3.5	3.4	2.3	2.3	2.6	3.0	2.6	3.1	1.5	1.6	2.2	3.0	3.0	4.1	5.0	5.1	5.9	2.9	2.9	2.8	4.5	3.7	5.2	4.8	3.4	5.9
10	4.5	5.3	3.9	2.0	2.0	1.7	2.7	2.5	2.8	2.3	2.2	3.2	3.4	2.8	2.7	4.0	3.2	4.8	1.8	2.2	4.0	4.7	3.7	3.8	3.2	5.3
11	3.5	2.9	2.7	2.6	2.8	2.3	2.2	2.5	2.0	2.2	2.0	2.2	3.1	1.3	2.7	3.8	3.9	3.7	2.3	5.6	3.9	4.7	2.6	4.0	3.0	5.6
12	3.9	4.3	4.1	4.4	5.3	3.5	1.6	2.2	1.6	2.1	1.5	2.8	2.1	2.4	2.4	2.2	1.2	1.7	2.4	2.6	5.5	6.0	4.3	2.2	3.0	6.0
13	3.5	3.5	4.5	3.1	3.8	2.7	3.6	5.8	5.8	5.4	2.9	1.6	2.4	3.6	2.3	2.6	2.9	5.8	4.4	4.5	5.0	3.9	5.1	4.6	3.9	5.8
14	7.4	5.8	5.4	5.1	4.3	4.5	5.3	4.3	3.4	2.4	2.6	2.7	3.2	3.2	3.8	5.6	5.2	2.9	3.8	5.3	8.1	7.0	4.1	5.0	4.6	8.1
15	5.4	4.5	5.7	8.6	4.1	7.2	8.7	7.4	4.4	4.3	2.2	2.9	2.5	5.7	3.8	4.5	5.0	2.7	5.5	6.4	7.6	8.9	7.9	7.0	5.5	8.9
16	7.2	5.1	5.6	3.4	4.4	4.6	4.5	5.2	4.8	3.3	2.0	1.4	2.7	4.2	5.2	8.0	9.7	8.6	9.4	11.0	6.8	3.8	3.1	4.7	5.4	11.0
17	11.8	12.5	11.7	5.2	3.9	2.9	2.9	3.2	3.9	5.4	4.0	7.5	7.4	3.3	2.1	3.7	8.7	8.2	4.4	5.1	3.9	3.1	2.6	2.6	5.4	12.5
18	4.9	7.7	3.7	3.2	3.5	3.7	4.8	5.1	3.0	2.8	2.6	2.4	6.3	6.3	3.4	9.1	11.3	11.8	8.1	6.3	2.5	3.6	4.3	4.9	5.2	11.8
19	2.6	1.9	1.7	2.3	4.7	4.4	4.5	3.6	3.7	1.9	2.3	3.7	6.7	7.6	13.0	22.2	17.4	14.1	9.8	8.5	12.0	7.3	2.5	2.7	6.7	22.2
20	4.8	5.3	6.2	6.6	4.0	3.2	3.6	4.9	2.9	2.7	2.9	5.5	12.2	16.3	17.5	15.7	13.1	10.7	4.8	4.3	4.1	4.6	5.2	2.9	6.8	17.5
21	5.9	11.2	15.9	20.6	20.4	19.5	21.9	21.5	21.4	26.3	16.9	13.8	6.3	9.6	6.1	4.9	7.2	10.4	10.0	2.8	4.4	4.3	3.7	4.5	12.1	26.3
22	6.4	2.4	3.1	7.3	8.4	7.0	6.1	4.4	4.0	3.5	3.0	2.5	11.0	18.1	16.7	24.0	19.7	18.7	13.5	8.0	3.5	8.9	5.7	5.4	8.8	24.0
23	6.8	7.9	6.2	3.4	4.5	3.4	2.4	3.3	2.7	3.5	3.5	4.0	3.8	3.5	4.5	5.9	4.6	4.9	3.6	3.3	3.9	3.8	4.7	3.5	4.2	7.9
24	2.5	2.5	2.4	1.5	1.9	2.4	3.4	4.6	2.8	1.9	3.4	4.1	5.8	2.1	2.7	2.6	4.2	4.5	4.0	4.6	4.2	4.6	3.7	5.9	3.4	5.9
25	5.0	6.5	6.0	4.5	3.3	3.3	3.9	4.3	3.1	4.0	2.2	3.1	2.2	2.7	2.6	3.4	2.7	1.9	2.2	2.7	2.4	1.8	2.5	4.7	3.4	6.5
26	5.1	3.3	3.7	1.8	2.4	3.8	2.7	2.0	2.4	1.8	3.3	2.9	5.2	4.1	3.5	2.5	6.3	2.6	3.0	2.3	1.6	2.6	4.0	3.7	3.2	6.3
27	9.0	8.8	13.0	14.7	28.5	25.9	27.4	25.7	17.8	9.1	4.8	3.8	2.9	3.0	2.8	3.4	5.2	7.0	3.8	4.0	4.6	4.8	5.1	5.4	10.0	28.5
28	5.0	3.7	2.6	2.6	3.4	3.2	3.3	2.0	1.8	2.6	3.9	3.2	2.9	3.0	5.0	6.6	4.6	5.1	1.8	2.9	1.6	1.5	3.2	3.0	3.3	6.6
29	2.5	2.8	2.5	1.5	3.0	1.9	2.5	1.5	2.1	2.8	3.6	3.3	6.2	5.0	3.2	3.0	4.7	4.5	4.6	6.6	4.2	7.5	7.1	7.0	3.9	7.5
30	7.7	6.2	8.5	4.4	4.0	4.2	4.7	5.3	3.4	3.2	1.8	2.4	2.9	3.7	3.1	3.6	1.3	2.0	3.0	3.5	5.3	4.1	6.6	2.9	4.1	8.5
31	1.3	1.7	3.2	4.3	4.0	5.2	4.4	2.9	3.2	2.1	2.7	2.8	3.7	2.8	7.1	6.1	7.6	12.5	8.7	10.8	4.4	5.5	4.1	3.5	4.8	12.5
AV	5.2	5.2	5.4	4.9	5.5	5.4	5.7	5.5	4.7	4.3	3.6	4.0	5.1	5.8	5.2	6.3	6.0	6.1	4.8	4.6	4.4	4.6	4.4	4.6	5.0	28.5
SD	2.4	2.8	3.4	4.0	5.4	5.1	5.6	5.3	4.5	4.7	3.1	3.2	3.2	4.5	4.0	5.5	4.5	4.2	3.0	2.4	2.2	1.9	1.4	1.3	3.9	[ ]

GHOUT -- 0U000 <811111.1807>

WIND SPEED [CC;15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.6	2.9	4.7	3.9	4.1	2.5	2.9	4.5	5.0	2.0	2.6	3.0	3.3	3.8	4.1	5.6	4.4	5.9	4.9	8.8	10.4	7.8	5.8	2.9	4.5	10.4
2	1.3	4.0	4.5	3.1	4.5	2.5	3.7	2.8	2.8	2.4	3.9	3.8	3.5	3.0	2.8	3.0	4.0	5.2	3.5	4.3	6.2	8.4	11.1	11.7	4.4	11.7
3	9.0	10.1	3.4	5.2	2.5	1.8	1.5	2.7	7.4	3.7	3.9	3.5	2.4	3.9	5.8	11.6	11.3	14.4	18.0	15.6	16.1	19.3	27.0	24.4	9.4	27.0
4	20.7	13.7	9.9	11.4	11.1	8.3	9.9	11.4	9.3	8.3	11.6	9.5	10.6	10.5	10.7	12.2	11.0	13.7	16.9	16.4	11.8	5.4	7.9	4.5	11.1	20.7
5	4.7	5.9	5.2	7.7	7.4	8.3	8.4	7.8	5.0	1.8	2.0	3.6	4.3	4.3	3.7	4.0	2.9	6.0	5.2	3.5	5.6	6.9	7.8	9.6	5.5	9.6
6	7.2	7.6	6.5	9.1	4.6	3.3	5.2	6.2	2.3	1.6	2.6	4.2	4.8	4.6	3.5	5.1	5.6	4.1	1.6	1.7	4.2	6.0	6.5	6.9	4.8	9.1
7	7.2	5.1	5.5	6.3	4.8	7.0	3.7	3.3	1.9	1.4	2.2	3.8	5.1	4.6	5.4	3.5	2.7	5.5	5.3	3.1	3.3	6.0	3.4	4.4	4.4	7.2
8	4.1	3.4	3.1	4.5	3.9	2.9	1.9	2.0	2.8	3.6	3.2	2.6	2.4	4.0	3.2	7.3	14.3	19.2	19.2	19.7	8.6	6.7	6.3	7.1	6.5	19.7
9	7.5	6.5	6.8	5.6	6.5	5.5	3.8	4.8	2.3	2.3	2.8	3.6	3.5	4.8	5.6	3.8	5.6	4.3	4.0	2.2	3.3	3.6	3.3	2.2	4.3	7.5
10	4.1	2.0	2.5	5.6	5.0	3.9	3.9	4.7	3.4	3.1	2.0	3.1	4.9	6.6	6.4	5.1	6.9	7.2	2.8	4.2	5.9	6.5	5.9	5.4	4.6	7.2
11	5.9	4.8	4.6	2.7	3.1	2.1	3.9	2.1	2.1	2.0	[PF]	3.6	3.4	3.4	3.2	4.5	2.9	2.4	3.7	5.6	7.8	5.8	6.5	5.8	4.0	7.8
12	6.1	5.3	4.6	5.1	4.4	4.4	3.5	3.1	3.1	2.1	2.5	4.7	5.0	6.0	5.9	5.0	5.3	4.0	2.6	5.2	5.5	7.4	5.2	4.7	4.6	7.4
13	4.5	5.2	5.4	3.9	3.9	4.4	5.1	3.8	2.8	2.0	2.5	3.8	6.7	7.1	8.6	5.1	3.0	3.5	3.0	2.0	2.7	3.3	2.6	3.7	4.1	8.6
14	3.3	2.7	3.4	1.9	1.9	3.6	1.9	2.2	2.4	3.7	3.1	2.9	2.3	4.8	6.3	7.1	8.3	4.5	2.0	4.6	7.1	5.5	4.2	3.8	3.9	8.3
15	3.1	4.1	2.2	3.7	4.0	3.3	3.2	5.1	3.2	2.3	2.1	3.1	2.3	4.9	7.0	7.2	3.5	3.1	3.3	1.7	3.1	4.7	5.1	2.3	3.7	7.2
16	2.9	4.4	2.1	3.8	3.4	3.0	3.7	3.4	4.0	2.8	2.4	2.9	3.8	6.4	8.5	4.9	2.1	8.9	6.1	5.1	3.5	3.4	3.2	4.4	4.1	8.9
17	4.6	2.6	3.1	4.2	3.9	3.1	4.1	3.8	1.5	2.6	3.5	4.3	8.5	7.6	4.2	3.0	5.1	4.8	2.6	3.1	1.9	1.7	2.6	3.2	3.7	8.5
18	2.2	4.9	3.6	2.4	1.9	3.0	3.2	2.6	4.0	3.7	3.8	8.8	9.5	7.6	5.6	3.5	6.6	3.9	1.4	3.4	7.5	7.5	9.6	7.1	4.9	9.6
19	5.6	6.6	4.2	9.9	3.8	3.6	4.2	4.1	3.6	3.2	2.3	4.4	4.6	4.0	3.0	3.6	4.7	5.0	3.4	5.6	4.1	4.2	3.5	7.6	4.5	9.9
20	6.3	3.6	5.3	5.0	4.0	3.0	3.5	3.9	4.0	2.9	3.0	3.2	5.6	5.4	5.0	3.7	4.2	3.9	2.5	2.6	8.0	6.0	7.6	8.3	4.6	8.3
21	5.4	5.2	2.6	5.6	4.0	3.9	4.6	2.6	1.4	1.7	3.7	4.2	4.3	3.3	3.8	5.8	4.9	5.6	3.9	4.0	6.4	7.5	7.6	6.5	4.5	7.6
22	5.1	5.0	5.2	6.8	5.2	3.8	4.1	2.2	2.1	2.0	3.9	4.3	6.7	8.3	5.4	3.7	2.7	1.5	4.0	7.2	6.7	5.5	3.0	4.4	4.5	8.3
23	4.0	4.0	4.0	3.2	5.7	4.7	15.2	8.0	6.9	7.3	4.1	6.0	13.0	11.6	15.9	20.7	19.9	12.3	6.7	9.9	3.7	4.9	7.8	9.1	8.7	20.7
24	5.3	3.2	3.4	3.5	4.2	4.5	4.4	3.9	2.5	2.7	5.0	4.5	4.1	5.3	4.7	4.3	5.9	3.8	3.1	1.5	1.4	4.2	6.4	6.2	4.1	6.4
25	7.3	4.9	3.2	5.3	4.3	4.5	4.6	4.7	3.7	1.8	3.6	3.5	4.7	5.0	6.6	6.4	6.6	6.0	4.4	4.0	8.2	8.6	5.9	7.1	5.2	8.6
26	6.9	5.5	4.3	2.7	4.5	4.8	5.9	4.6	2.3	2.2	2.3	3.8	5.5	4.2	2.9	3.3	12.2	10.9	10.3	7.6	7.0	8.9	7.7	5.6	5.7	12.2
27	6.2	4.9	3.3	3.5	4.9	4.8	5.2	4.7	2.9	4.1	3.0	3.7	6.6	7.8	7.0	8.6	4.0	10.6	9.1	9.9	7.9	10.0	7.7	7.2	6.2	10.6
28	6.9	6.6	5.8	4.8	5.1	6.5	4.8	3.9	3.5	3.2	4.4	5.3	5.2	6.3	7.0	6.0	2.9	1.6	3.6	7.3	8.2	10.2	5.8	5.8	5.4	10.2
AV	5.7	5.2	4.4	5.0	4.5	4.2	4.6	4.2	3.5	2.9	3.4	4.2	5.2	5.7	5.8	6.0	6.2	6.5	5.6	6.1	6.3	6.6	6.7	6.5	5.2	27.0
SD	3.5	2.4	1.7	2.3	1.7	1.7	2.7	2.1	1.8	1.6	1.8	1.6	2.6	2.1	2.8	3.7	4.1	4.3	4.8	4.6	3.2	3.2	4.5	4.2	3.2	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.2	7.6	7.3	7.5	4.8	3.5	2.5	3.8	2.4	2.5	6.6	8.4	5.4	6.9	15.0	7.5	16.1	17.9	14.8	16.9	11.6	12.2	8.7	8.1	8.6	17.9
2	6.8	3.6	3.9	3.2	2.6	3.1	1.9	3.3	5.3	3.4	13.8	16.0	17.1	19.8	14.7	11.2	11.4	10.0	6.8	5.7	9.7	13.5	11.9	5.0	8.5	19.8
3	4.5	1.9	4.0	9.8	3.4	4.7	3.1	1.6	2.9	2.3	1.7	1.2	1.4	2.9	4.0	3.4	4.2	8.4	9.4	9.3	5.2	3.5	3.4	2.5	4.1	9.8
4	2.4	2.8	2.3	2.6	4.1	7.2	4.9	4.5	4.8	3.4	2.9	4.3	5.8	4.1	8.0	9.0	8.3	7.3	9.4	5.3	1.8	2.2	2.7	3.4	4.7	9.4
5	3.9	3.7	3.2	3.5	1.9	3.0	4.8	2.1	1.8	2.8	4.1	4.9	5.7	5.9	7.1	11.3	6.1	2.3	3.8	6.1	7.3	4.2	6.5	8.8	4.8	11.3
6	8.5	8.9	8.6	11.0	10.2	6.9	6.0	7.0	3.4	2.4	4.4	6.1	6.9	6.5	7.0	3.9	5.2	5.5	5.1	4.2	4.7	3.0	2.0	2.3	5.8	11.0
7	1.9	2.6	3.5	4.8	5.1	5.4	4.2	2.9	1.6	2.1	2.1	2.1	3.9	4.7	5.3	6.9	5.0	4.2	2.7	4.9	5.6	6.2	6.9	5.6	4.2	6.9
8	6.8	4.9	4.3	4.6	4.5	3.8	2.3	2.9	2.3	3.0	4.1	3.0	2.8	2.9	4.7	5.1	4.6	1.7	3.5	7.0	4.8	6.9	5.9	6.8	4.3	7.0
9	6.5	6.1	7.5	6.7	8.3	4.8	5.8	2.1	1.8	3.0	4.4	4.9	9.6	9.8	12.5	10.2	11.4	9.8	9.7	8.4	3.9	3.8	2.8	4.3	6.6	12.5
10	3.5	4.1	3.4	3.7	4.2	5.2	2.6	2.5	2.5	2.3	1.9	3.4	9.9	7.2	3.2	10.9	12.5	12.6	8.3	7.4	9.7	3.6	3.2	5.2	5.5	12.6
11	5.3	4.4	3.8	4.4	3.0	3.5	4.0	3.0	2.3	2.9	15.1	24.6	23.0	23.3	25.0	18.7	17.7	14.2	15.5	17.2	14.5	14.8	16.0	17.5	12.2	25.0
12	14.1	11.2	12.9	18.6	21.0	17.2	10.8	10.7	10.4	12.5	17.4	20.8	20.0	17.7	16.8	15.6	13.8	11.9	8.4	3.3	3.8	5.0	7.3	4.5	12.7	21.0
13	6.0	2.5	4.2	5.7	7.5	5.9	3.2	2.0	2.5	4.8	4.0	3.4	6.2	5.5	6.3	7.0	5.3	4.1	3.9	3.4	7.4	8.4	5.8	7.9	5.1	8.4
14	6.0	5.5	6.3	5.7	3.4	2.9	4.9	3.2	2.0	2.7	3.9	3.8	2.8	12.9	18.0	15.9	15.3	12.1	6.0	10.9	11.2	7.9	5.5	3.5	7.2	18.0
15	3.0	2.4	13.0	9.9	4.1	3.2	5.4	3.5	8.3	8.6	13.2	16.8	16.7	15.9	16.0	12.7	11.3	11.3	13.5	11.4	9.4	4.0	2.9	2.8	9.1	16.8
16	2.9	2.6	2.8	3.4	2.6	8.6	5.3	7.9	13.1	20.0	23.2	21.0	18.6	19.5	22.6	25.7	23.4	19.9	18.6	4.8	7.4	3.2	3.2	3.3	11.8	25.7
17	1.4	4.7	13.0	12.7	10.1	4.5	2.4	2.8	3.2	4.0	9.1	5.8	10.7	13.3	12.7	7.8	11.6	8.8	7.4	4.5	3.3	3.0	3.4	4.3	6.9	13.3
18	4.8	6.6	7.0	3.5	3.9	3.1	5.2	4.1	2.8	10.8	25.4	28.9	24.5	24.7	25.1	24.6	22.7	22.3	27.1	19.8	2.1	4.0	3.0	14.1	13.3	28.9
19	9.4	11.1	12.5	9.2	6.7	4.5	5.1	4.3	2.0	6.4	11.6	12.4	16.7	16.6	16.6	11.0	21.1	24.1	24.0	18.6	15.3	13.6	12.0	7.7	12.2	24.1
20	6.9	5.1	7.4	7.7	7.4	7.5	6.6	2.0	4.2	8.8	17.0	11.8	11.6	13.2	11.6	10.9	8.4	11.8	10.1	6.2	4.7	4.7	2.4	1.9	7.9	17.0
21	2.9	4.6	6.3	7.0	6.7	6.2	5.5	4.5	2.7	5.4	3.7	3.8	5.1	6.4	7.4	10.3	7.1	8.1	9.9	7.8	8.9	5.3	3.3	8.4	6.1	10.3
22	8.4	6.9	7.5	6.7	8.3	7.3	5.4	4.6	2.3	3.9	4.7	6.5	4.9	6.9	6.5	9.2	5.5	9.1	6.0	3.5	5.2	7.1	3.8	3.7	6.0	9.2
23	7.6	9.9	8.1	5.3	6.5	8.8	7.6	6.1	6.0	5.2	9.9	9.5	10.7	8.1	7.0	6.0	6.5	5.6	5.7	2.7	6.0	9.4	8.0	8.0	7.3	10.7
24	5.1	6.7	5.4	5.9	5.4	7.3	9.2	7.7	5.7	4.8	9.2	7.5	6.5	7.0	9.3	8.6	8.2	8.4	8.0	8.5	10.2	10.2	14.6	19.2	8.3	19.2
25	19.0	11.4	8.8	5.1	4.0	2.6	4.4	2.3	2.2	3.3	4.7	4.0	3.5	4.3	5.8	5.8	4.9	5.5	3.8	2.4	4.4	6.7	4.9	5.0	5.4	19.0
26	5.1	3.4	4.1	2.2	3.0	2.7	2.7	2.3	2.4	2.8	7.3	6.4	9.7	11.4	6.7	5.1	4.5	3.9	5.8	2.7	1.7	1.9	3.7	2.4	4.3	11.4
27	3.2	3.0	4.0	2.5	4.6	3.2	2.8	3.4	3.2	2.0	3.4	6.7	4.5	5.2	6.2	5.9	5.2	8.4	10.1	8.8	10.4	7.7	3.5	3.3	5.1	10.4
28	4.0	2.8	4.1	3.8	7.3	8.0	8.2	8.4	10.0	11.5	17.6	20.5	22.9	21.6	17.8	24.7	26.6	19.1	21.6	22.2	13.3	4.8	8.4	13.2	13.4	26.6
29	19.0	19.1	20.0	14.0	8.0	6.0	14.0	8.0	6.0	4.0	8.0	8.0	14.0	22.0	13.0	10.0	7.0	12.0	10.0	8.0	9.0	4.0	5.0	3.0	10.5	22.0
30	4.0	2.0	2.0	3.0	3.5	4.0	10.0	12.0	10.0	18.0	18.0	22.0	24.0	19.2	16.9	20.4	15.5	19.3	13.5	4.0	4.7	6.9	9.0	6.9	11.2	24.0
31	5.0	4.4	3.5	3.7	3.7	2.2	1.6	1.5	1.6	3.9	4.7	16.8	10.2	14.2	10.3	14.3	17.6	17.2	13.1	14.0	17.7	15.9	14.2	11.2	9.3	17.7
AV	6.4	5.7	6.6	6.4	5.8	5.4	5.2	4.4	4.2	5.6	8.9	10.2	10.8	11.6	11.6	11.3	11.1	10.9	10.2	8.4	7.6	6.7	6.3	6.6	7.8	28.9
SD	4.3	3.7	4.1	3.8	3.6	2.9	2.9	2.7	3.1	4.6	6.6	7.6	7.0	6.8	6.2	6.1	6.4	6.0	6.1	5.5	4.1	3.9	3.9	4.4	5.5	[ ]

GHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13.6	8.5	6.9	8.8	11.9	8.4	3.5	3.7	15.9	22.2	26.1	24.2	25.3	23.8	27.2	29.6	28.6	23.8	22.3	17.6	16.7	13.9	16.9	10.5	17.1	29.6
2	14.9	16.7	21.7	19.1	16.4	19.6	21.2	21.0	19.7	18.0	18.7	24.2	24.3	19.8	16.9	15.7	16.2	16.2	12.3	13.4	5.0	6.4	7.0	6.6	16.3	24.3
3	5.7	9.0	7.1	5.1	3.7	1.8	3.3	3.0	1.9	3.4	4.6	5.0	6.6	8.3	13.2	15.9	17.1	12.9	9.7	8.5	8.2	11.7	14.6	15.9	8.2	17.1
4	13.8	10.9	7.6	2.3	2.1	1.3	1.7	2.0	2.5	17.2	27.4	28.6	26.6	29.8	32.9	36.6	32.1	29.2	33.1	28.1	21.7	20.2	16.8	10.7	18.1	36.6
5	5.8	6.7	4.1	7.5	10.3	5.3	4.9	4.5	3.5	5.0	5.7	5.5	6.1	5.6	5.6	6.2	7.8	5.5	4.3	6.4	4.0	1.9	2.6	3.2	5.3	10.3
6	4.0	1.9	4.5	6.2	5.0	3.4	2.3	1.6	1.6	2.9	6.9	11.2	10.5	17.3	19.1	24.2	20.5	18.1	14.4	5.0	2.7	5.3	2.6	4.6	8.2	24.2
7	5.8	4.1	3.0	7.1	7.8	11.2	9.0	8.7	5.7	3.9	5.8	13.8	24.9	15.7	6.0	9.1	11.6	9.8	11.0	5.8	5.6	4.5	3.0	6.3	8.3	24.9
8	8.6	9.4	7.3	7.4	8.5	8.2	6.5	4.6	2.6	8.3	13.2	11.8	13.2	13.0	17.2	13.1	12.8	22.2	19.7	15.6	9.8	4.3	7.3	10.3	10.6	22.2
9	7.3	6.4	4.2	6.4	6.8	7.5	7.0	5.8	3.8	8.3	9.9	9.5	9.4	11.3	13.2	12.7	15.0	18.6	12.8	5.4	4.7	3.7	3.1	5.0	8.2	18.6
10	6.7	6.1	8.3	4.5	6.1	5.0	4.4	2.3	3.2	5.9	7.2	7.3	5.1	4.9	5.5	4.8	4.4	3.6	5.8	10.8	7.6	3.5	3.8	4.8	5.5	10.8
11	3.1	2.5	2.6	2.5	4.5	7.3	1.7	2.0	7.5	11.5	11.7	11.6	8.4	10.7	15.6	16.9	16.9	12.7	12.7	7.5	6.0	17.9	22.3	21.9	9.9	22.3
12	15.7	15.7	19.6	20.6	8.6	6.4	6.1	3.2	4.8	5.6	8.3	8.7	14.4	14.4	15.2	13.7	17.2	14.0	11.4	7.8	3.3	4.8	6.3	7.1	10.5	20.6
13	4.8	5.2	4.0	5.5	6.9	7.3	6.0	2.6	3.1	3.8	5.4	8.1	6.4	5.8	6.2	10.3	17.4	11.4	11.0	8.6	11.8	9.8	6.6	7.3	7.3	17.4
14	7.5	4.6	3.9	3.2	3.9	4.7	5.6	2.3	2.1	6.2	12.5	9.9	11.6	22.2	16.9	20.0	13.3	9.3	13.1	5.5	6.4	8.7	11.4	7.9	8.9	22.2
15	6.7	5.3	2.7	4.3	3.0	4.3	5.0	5.3	6.1	8.5	11.0	12.0	17.7	19.0	21.9	23.5	22.5	18.8	16.9	8.2	6.3	7.2	4.5	6.9	10.3	23.5
16	9.6	10.0	13.1	11.6	12.4	13.1	10.6	16.5	13.2	8.6	6.4	6.6	5.7	6.7	5.6	4.8	5.8	3.9	5.9	5.1	4.4	8.3	7.8	8.5	8.5	16.5
17	7.4	7.1	7.0	7.7	8.7	6.4	6.3	3.3	3.3	3.3	3.9	5.8	7.4	6.7	5.2	8.7	8.4	7.4	6.7	3.5	7.6	3.9	7.2	9.6	6.4	9.6
18	9.5	8.1	5.8	6.6	6.6	9.2	6.6	3.6	1.8	5.7	14.5	19.1	22.9	30.8	30.9	28.8	30.3	33.9	23.2	18.0	15.5	15.8	17.0	11.3	15.6	33.9
19	8.4	6.7	4.8	4.0	2.9	5.7	4.8	2.5	3.5	6.6	6.6	5.9	7.4	9.7	9.3	12.4	18.2	18.6	12.9	11.0	9.8	10.0	10.1	14.5	8.6	18.6
20	10.1	11.8	10.6	6.6	7.0	7.8	4.5	8.6	18.8	19.0	18.2	14.0	18.7	18.5	15.0	13.5	10.4	13.2	11.4	10.7	10.3	8.4	5.2	5.5	11.6	19.0
21	4.4	2.3	2.1	3.4	2.3	4.2	4.8	3.4	6.9	10.6	13.7	12.4	14.1	13.3	11.3	7.9	11.6	12.3	10.3	10.7	7.1	5.1	3.8	5.3	7.6	14.1
22	4.9	5.9	6.4	3.6	7.2	5.0	5.7	2.4	3.7	4.8	4.2	7.1	8.7	9.4	9.4	8.9	10.1	11.5	8.2	3.9	4.0	10.7	9.3	3.4	6.6	11.5
23	2.5	3.9	4.7	7.3	7.8	4.5	4.5	4.1	12.3	8.3	6.3	5.7	7.1	5.4	5.1	5.2	10.5	16.6	9.7	8.5	7.4	8.2	4.2	4.2	6.8	16.6
24	1.8	2.3	5.8	6.8	7.4	8.6	4.1	3.5	3.5	3.8	5.8	6.8	9.1	8.4	9.4	9.7	9.1	17.0	21.5	18.9	22.1	15.4	9.4	4.8	9.0	22.1
25	8.0	8.2	9.8	9.5	7.2	6.8	6.6	4.5	2.9	3.6	4.7	6.5	8.1	10.3	17.4	8.3	8.4	6.8	9.6	11.6	6.7	3.1	4.9	6.8	7.5	17.4
26	6.6	6.4	8.0	5.1	6.5	3.8	4.4	4.0	2.5	5.4	9.3	6.9	7.5	8.6	21.2	7.7	6.4	6.6	5.6	12.8	6.4	7.9	3.8	6.3	7.1	21.2
27	3.9	4.8	5.0	4.1	2.5	6.2	6.2	7.0	3.9	9.0	7.3	5.8	7.6	6.7	8.0	7.9	11.3	11.3	7.3	3.3	4.6	2.6	6.0	9.0	6.3	11.3
28	11.1	9.0	8.7	6.7	7.6	6.9	3.9	3.4	3.1	4.7	4.4	5.5	7.7	9.9	8.4	6.8	6.1	4.5	7.3	11.5	11.6	9.0	10.5	12.0	7.5	12.0
29	11.3	20.5	17.8	14.4	17.6	19.6	16.9	9.7	7.9	7.5	11.1	14.8	12.5	10.7	13.6	11.1	11.9	10.6	11.0	6.8	7.7	10.5	4.5	4.7	11.9	20.5
30	4.8	5.9	5.6	5.7	4.9	4.6	4.9	3.7	4.1	4.8	5.8	4.8	6.7	5.4	6.5	5.6	4.6	5.9	6.9	5.4	3.4	6.8	8.8	7.5	5.5	8.8
AV	7.6	7.5	7.4	7.1	7.1	7.1	6.1	5.1	5.8	7.9	9.9	10.6	12.1	12.7	13.6	13.3	13.9	13.5	12.3	9.9	8.3	8.3	8.0	8.1	9.3	36.6
SD	3.7	4.3	4.9	4.3	3.8	4.2	4.0	4.3	5.0	5.0	6.1	6.2	6.7	7.1	7.6	8.1	7.3	7.3	6.3	5.5	5.0	4.7	5.1	4.1	6.1	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.8	.6	1.3	3.2	2.6	2.8	1.5	3.3	2.7	6.3	4.9	6.8	17.8	13.4	9.8	4.5	2.3	12.6	22.8	13.5	11.3	10.1	11.3	4.4	7.3	22.8
2	3.6	4.5	7.1	8.0	5.6	3.7	2.6	.7	2.0	2.2	3.7	5.4	9.7	3.7	6.4	2.9	.9	3.8	6.9	6.3	7.7	7.1	4.2	5.5	4.8	9.7
3	4.8	10.1	5.4	2.8	4.1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	7.1	6.8	4.5	12.8	5.8	7.0	3.1	1.3	3.7	5.7	12.8
4	4.0	4.9	3.5	4.0	3.7	3.2	4.8	1.2	1.8	3.3	9.5	8.7	10.8	13.5	7.7	6.3	17.8	16.7	15.0	7.6	7.6	7.7	5.1	7.8	7.3	17.8
5	3.6	3.3	3.8	6.7	6.3	2.7	2.7	3.4	6.8	5.9	6.7	13.3	9.6	12.6	12.1	12.2	9.7	8.2	3.7	1.8	5.4	7.5	5.9	5.1	6.6	13.3
6	5.6	5.4	8.3	8.0	5.1	5.7	3.9	.8	2.6	4.9	6.9	6.3	7.2	8.6	8.1	4.0	3.8	2.8	2.3	7.6	15.8	17.7	14.5	3.7	6.7	17.7
7	2.2	5.3	7.6	6.5	9.1	6.9	8.0	2.9	2.0	5.4	8.4	8.6	13.8	14.5	13.6	15.8	6.0	7.9	7.1	6.0	4.2	3.0	2.3	1.8	7.0	15.8
8	4.9	3.8	2.1	1.7	1.9	4.3	2.8	1.5	1.0	2.8	9.9	6.9	13.8	20.6	22.3	20.2	22.3	17.9	14.0	9.0	9.6	2.9	3.4	15.4	9.0	22.3
9	13.9	13.3	10.5	9.1	17.7	7.3	8.9	15.6	25.4	20.9	22.2	25.3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	4.5	12.0	11.0	14.5	25.4
10	7.0	6.0	6.5	6.0	3.0	3.0	5.0	4.0	3.0	3.5	8.0	18.5	19.4	18.1	15.3	15.6	15.2	12.3	5.8	8.4	9.2	13.9	11.8	5.2	9.3	19.4
11	6.2	5.5	4.5	4.3	5.3	4.2	2.1	3.0	3.8	4.6	6.5	7.3	11.4	8.1	9.1	9.0	11.3	5.9	7.7	7.2	4.3	4.8	3.6	3.1	6.0	11.4
12	3.4	5.1	3.9	2.4	2.0	2.0	5.4	5.5	6.6	4.1	3.2	4.2	7.7	12.2	14.0	12.0	8.3	7.8	12.4	17.1	11.2	6.9	5.0	5.0	7.0	17.1
13	7.3	6.9	7.7	11.7	14.4	7.6	2.8	6.3	12.7	15.7	16.2	14.2	15.1	17.2	16.0	18.5	16.8	14.4	10.4	9.5	4.2	4.1	2.9	4.5	10.7	18.5
14	7.3	5.2	6.1	8.2	4.2	4.8	2.7	2.8	4.9	4.5	6.5	4.5	5.7	5.3	5.3	6.8	6.5	11.9	11.6	10.2	5.0	4.0	4.9	5.1	6.0	11.9
15	7.0	3.3	4.2	4.1	5.9	3.4	3.9	2.4	3.2	6.3	7.8	5.5	7.0	17.3	13.0	10.7	4.3	4.1	13.3	7.0	8.1	8.1	4.5	5.8	6.7	17.3
16	6.2	8.3	7.5	4.8	4.9	6.0	6.4	2.8	2.6	3.8	5.8	5.5	7.3	13.8	7.1	7.1	10.4	10.7	11.0	6.2	7.4	5.5	3.6	3.0	6.6	13.8
17	3.1	7.0	6.3	5.0	6.0	5.6	2.5	.5	2.7	3.4	3.3	4.3	7.2	6.0	6.3	5.2	6.6	4.4	1.8	3.5	5.7	7.9	5.2	3.2	4.7	7.9
18	4.1	4.1	5.9	5.3	4.3	4.7	3.6	2.7	4.9	12.8	20.3	23.9	19.7	20.4	18.6	18.1	15.3	17.2	11.4	20.5	6.3	8.3	4.6	5.2	10.9	23.9
19	4.7	2.7	1.1	3.4	4.6	9.1	12.6	15.1	8.9	2.4	3.5	10.1	10.5	15.7	8.1	2.7	11.3	8.9	10.7	7.1	4.8	1.8	6.4	8.3	7.3	15.7
20	2.3	6.3	7.8	8.4	7.4	6.3	6.5	1.2	2.3	4.0	4.3	5.7	5.4	6.7	7.0	5.4	4.3	4.1	4.0	4.0	3.0	5.3	8.6	10.1	5.4	10.1
21	10.1	6.9	4.8	8.0	7.1	9.5	6.6	1.9	3.1	3.4	3.5	4.5	3.6	2.6	6.7	7.2	7.1	8.0	7.0	6.7	5.5	6.9	9.9	7.1	6.2	10.1
22	4.6	4.4	5.2	4.1	4.5	6.7	2.7	.8	1.4	3.2	3.2	4.0	5.9	6.6	12.3	5.7	12.2	15.9	13.3	8.6	1.0	6.7	7.7	7.7	6.2	15.9
23	6.4	7.6	5.9	6.3	5.7	3.2	1.7	2.4	3.2	7.2	9.7	4.6	3.3	5.2	5.3	6.5	8.3	6.9	5.8	14.1	4.5	3.3	3.0	3.3	5.6	14.1
24	3.8	4.8	8.5	5.6	7.6	6.4	3.3	1.8	5.6	6.0	7.5	6.9	5.8	10.6	15.6	19.1	12.5	12.7	17.4	15.1	13.1	9.9	10.1	3.6	8.9	19.1
25	1.5	3.0	4.0	6.5	6.2	3.4	3.2	1.6	3.2	3.2	4.6	5.6	6.4	6.2	5.7	1.4	1.3	.9	6.5	9.5	10.2	13.6	14.5	8.0	5.4	14.5
26	5.5	6.6	6.8	6.7	9.3	7.5	4.0	3.2	2.3	3.7	5.7	5.4	6.6	5.5	5.1	4.7	12.0	13.2	9.8	10.8	12.5	13.1	12.7	11.4	7.7	13.2
27	13.3	10.6	7.5	6.1	3.9	5.2	7.8	2.0	12.5	20.1	17.5	13.9	15.0	8.8	8.9	8.4	7.9	19.1	19.7	16.0	15.4	14.1	15.8	13.9	11.8	20.1
28	16.3	13.4	16.7	18.9	18.3	19.8	15.4	8.4	8.1	11.2	14.9	15.4	14.6	15.1	16.2	16.7	13.9	13.0	12.0	12.4	10.5	6.3	4.0	7.3	13.3	19.8
29	7.1	.2	.2	1.8	3.6	8.1	5.1	2.9	2.0	2.2	4.0	4.5	6.6	7.7	10.1	5.1	11.6	14.3	12.7	11.6	6.0	2.3	.3	6.0	5.7	14.3
30	8.1	9.3	9.8	11.5	9.3	10.2	11.7	11.6	12.3	9.7	11.5	17.9	13.4	6.2	5.1	5.5	8.1	3.4	8.6	4.3	5.1	6.1	7.4	6.9	8.9	17.9
31	6.4	7.3	8.1	4.8	3.8	3.7	2.2	1.7	2.8	5.0	5.1	5.4	5.1	5.4	6.3	5.6	6.6	7.0	7.7	7.4	6.0	5.1	8.2	6.9	5.6	8.2
AV	6.1	6.0	6.1	6.3	6.4	5.9	5.1	3.8	5.2	6.4	8.2	9.1	9.8	10.6	10.2	9.0	9.4	9.7	10.2	9.2	7.6	7.1	6.9	6.4	7.5	25.4
SD	3.4	3.1	3.2	3.4	4.0	3.4	3.4	3.9	5.1	5.0	5.2	6.0	4.7	5.2	4.6	5.5	5.1	5.1	4.9	4.3	3.6	3.9	4.2	3.2	4.7	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC;15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.8	6.0	3.5	4.0	4.1	5.7	4.5	1.5	2.2	3.8	10.1	12.1	13.3	19.6	29.2	26.6	19.4	19.5	23.0	21.5	16.0	15.1	9.4	5.6	11.8	29.2
2	5.9	6.8	5.1	6.1	8.0	4.5	5.2	3.6	3.5	3.9	8.9	10.8	10.1	13.6	11.9	10.6	11.2	11.3	11.6	13.6	9.2	16.6	11.3	4.6	8.7	16.6
3	3.3	4.1	4.3	5.4	6.5	7.8	5.0	3.3	1.9	5.2	6.7	8.0	9.0	9.3	9.5	9.3	6.7	6.0	3.4	3.2	4.2	5.8	6.1	7.8	5.9	9.5
4	8.1	9.5	5.1	4.3	3.8	3.4	3.1	2.1	9.6	18.2	22.8	23.9	21.8	22.1	22.4	23.2	20.0	21.3	19.5	11.9	6.6	3.1	6.6	4.1	12.4	23.9
5	7.0	16.3	21.5	17.3	11.4	9.2	5.3	3.2	5.1	19.0	23.8	22.6	23.6	28.0	30.7	28.9	29.0	25.7	26.6	19.5	22.9	14.4	6.0	5.5	17.6	30.7
6	.8	.5	4.8	2.2	9.5	4.8	2.8	1.6	6.6	5.8	3.2	5.7	12.5	10.7	13.5	9.8	12.3	13.2	10.7	8.9	3.5	6.3	11.8	8.7	7.1	13.5
7	9.3	7.3	7.0	4.0	2.5	5.3	3.3	2.1	3.5	4.1	5.9	9.1	19.2	19.7	21.0	21.0	21.0	21.6	18.3	12.0	12.0	11.7	10.2	12.0	11.0	21.6
8	7.8	6.8	5.8	4.0	3.7	3.3	4.3	6.6	16.3	16.6	15.6	17.0	17.4	20.6	21.4	21.3	20.8	18.8	16.8	14.1	11.3	10.9	12.3	20.7	13.1	21.4
9	22.8	18.7	17.4	11.5	4.6	2.9	2.5	3.4	6.6	8.1	6.6	5.9	5.4	8.0	7.8	10.3	8.1	6.8	4.8	4.1	2.2	8.0	8.9	7.7	8.0	22.8
10	9.3	8.4	7.4	11.3	8.1	6.7	3.1	1.3	2.3	4.1	4.0	5.4	5.6	5.4	7.4	7.4	11.9	12.4	13.6	11.6	10.3	11.3	6.5	2.3	7.4	13.6
11	6.4	5.5	3.8	5.1	6.5	7.8	6.2	3.6	5.1	3.9	5.0	5.1	6.4	7.5	10.0	11.2	10.7	12.6	9.1	6.8	4.8	7.4	10.6	8.8	7.1	12.6
12	8.6	6.7	6.0	4.3	7.9	1.9	1.7	.7	3.3	4.8	5.5	9.2	7.5	5.5	6.3	10.3	7.0	10.4	10.7	7.7	1.7	5.7	5.7	3.7	6.0	10.7
13	4.5	7.0	2.3	3.5	2.5	5.0	5.1	2.7	3.0	8.7	12.7	15.1	13.1	15.4	14.0	15.7	15.1	16.6	12.7	9.5	6.0	10.9	9.8	8.0	9.1	16.6
14	6.1	6.0	10.7	8.4	6.0	8.7	5.2	2.6	2.6	8.3	7.0	6.8	6.8	18.8	20.7	17.3	13.0	19.5	15.5	19.8	14.5	6.9	1.3	2.0	9.8	20.7
15	4.6	4.3	5.4	5.5	4.8	4.9	2.3	1.5	3.6	6.9	7.3	8.1	7.0	6.6	7.1	8.0	9.3	8.2	4.3	6.4	6.0	4.6	7.8	9.0	6.0	9.3
16	11.5	10.3	8.0	9.7	9.0	8.5	5.5	1.9	3.1	3.6	4.0	4.8	5.8	5.7	5.0	7.2	12.1	15.4	9.5	9.1	5.8	9.6	12.4	15.7	8.1	15.7
17	12.5	6.4	7.0	4.5	4.7	3.6	3.4	2.6	3.3	4.3	4.5	5.3	5.9	9.8	9.4	11.9	13.3	8.3	8.7	10.1	7.4	12.5	9.5	17.6	7.8	17.6
18	18.8	21.3	17.0	17.4	23.6	23.2	17.9	14.1	14.8	13.6	13.8	10.4	12.9	9.3	11.9	13.3	9.9	11.3	18.0	15.0	11.0	8.6	5.7	3.9	14.0	23.6
19	4.2	3.7	7.9	4.3	5.4	5.3	2.1	2.6	4.8	6.3	7.5	5.0	6.2	7.7	9.4	10.8	7.8	7.7	16.9	17.7	14.4	6.9	4.1	2.5	7.1	17.7
20	3.4	3.8	6.1	6.8	2.8	4.0	7.2	1.9	2.7	4.5	4.5	6.2	7.0	9.0	10.1	8.4	5.4	6.0	9.9	9.5	7.8	3.3	6.3	6.8	6.0	10.1
21	8.5	7.8	8.0	7.8	6.2	4.0	3.1	3.1	4.7	11.1	3.4	5.1	8.0	12.1	6.3	6.9	6.6	8.0	11.3	17.6	15.9	13.3	10.7	8.0	8.2	17.6
22	4.9	7.6	9.6	9.6	6.6	2.6	1.9	1.7	2.4	4.5	7.6	9.0	9.7	12.2	13.0	21.9	16.0	7.0	4.5	8.2	5.7	3.9	7.0	6.9	7.7	21.9
23	10.6	6.7	5.7	3.4	6.0	5.9	3.1	2.3	3.4	4.8	6.4	7.3	5.7	9.3	11.5	8.4	30.0	10.2	5.7	9.5	4.3	2.1	3.0	6.3	7.2	30.0
24	8.2	8.7	9.2	7.1	6.3	2.6	2.5	2.2	3.4	4.0	5.0	5.3	5.2	6.6	6.6	6.4	9.2	15.1	10.7	6.9	3.6	6.1	10.5	12.9	6.8	15.1
25	9.2	5.1	5.3	6.9	7.2	8.3	4.7	4.2	2.2	4.2	4.7	6.3	5.0	14.2	14.3	8.1	15.7	10.3	14.0	5.3	1.9	1.4	4.1	3.9	6.9	15.7
26	4.6	4.5	4.0	6.1	7.4	6.4	4.1	1.6	2.4	2.1	3.9	2.3	5.3	4.7	8.4	4.6	6.6	3.7	2.3	4.3	2.7	2.4	5.5	7.7	4.5	8.4
27	7.0	5.1	4.4	5.2	6.4	6.7	2.3	1.3	1.6	2.1	3.9	7.8	8.4	9.3	8.8	5.7	4.8	5.5	1.2	1.2	3.7	8.9	3.8	7.2	5.1	9.3
28	6.5	5.9	2.0	3.1	6.2	5.1	2.4	2.5	2.3	3.5	13.0	18.6	19.5	19.5	17.9	18.1	16.9	15.8	17.4	15.7	10.1	11.3	11.2	10.7	10.6	19.5
29	13.3	11.9	7.5	7.5	11.8	15.2	10.7	9.3	19.0	17.6	20.1	17.1	17.4	18.6	20.7	19.7	16.7	16.1	12.5	10.8	7.7	9.5	10.5	10.8	13.8	20.7
30	11.5	9.1	9.9	11.0	12.8	15.4	22.0	18.9	15.0	20.1	17.5	13.6	14.8	16.3	16.6	18.9	7.6	9.6	10.3	3.9	9.5	5.8	20.3	21.0	13.8	22.0
AV	8.2	7.7	7.4	6.9	7.1	6.6	5.1	3.7	5.3	7.6	8.8	9.6	10.5	12.5	13.4	13.4	13.1	12.5	11.8	10.5	8.1	8.1	8.3	8.4	8.9	30.7
SD	4.5	4.4	4.4	3.8	4.1	4.5	4.5	3.9	4.7	5.5	5.9	5.5	5.5	6.1	6.8	6.7	6.5	5.6	6.1	5.3	5.0	4.1	3.8	5.0	5.8	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	16.3	13.8	11.6	10.1	10.9	8.7	5.4	11.0	17.8	23.7	23.4	23.1	18.9	19.7	19.8	20.1	20.1	17.7	16.8	15.0	14.5	10.9	6.7	3.7	15.0	23.7
2	9.4	10.3	9.2	9.8	12.3	7.1	5.4	2.2	2.4	3.1	4.9	6.8	6.0	9.8	13.0	15.1	15.8	15.2	13.0	10.5	7.0	11.9	7.5	4.3	8.8	15.8
3	4.0	4.1	8.1	5.3	5.0	5.6	2.0	.4	1.7	3.2	6.3	10.0	8.9	9.2	13.0	15.1	14.5	14.9	9.2	12.8	11.2	11.2	12.5	7.8	8.2	15.1
4	6.7	7.2	6.7	4.5	4.6	1.3	1.6	1.6	8.5	15.9	17.3	18.0	20.7	19.2	21.7	21.1	22.1	20.8	19.2	20.4	10.0	4.8	3.1	4.3	11.7	22.1
5	3.1	5.2	4.6	4.0	3.7	4.1	4.5	6.4	7.8	5.6	8.9	11.4	17.7	17.5	18.2	15.4	15.7	15.7	15.7	6.9	4.7	5.1	10.2	8.8	9.2	18.2
6	5.4	7.2	7.9	6.0	6.6	6.3	4.1	2.5	1.6	2.6	3.1	6.0	6.8	6.9	7.8	5.6	5.7	4.2	3.9	5.7	7.6	6.6	8.5	9.2	5.7	9.2
7	8.7	7.8	8.6	9.5	9.6	7.4	4.0	1.9	1.7	3.1	4.3	5.9	5.9	6.6	5.3	4.8	7.7	6.6	10.4	11.9	9.8	10.1	10.1	10.4	7.2	11.9
8	11.6	10.0	3.7	6.4	8.3	7.8	8.8	10.7	4.6	3.0	4.4	6.0	3.9	6.5	8.6	13.2	14.0	20.9	13.3	4.4	1.9	1.8	4.4	3.4	7.6	20.9
9	6.4	5.7	2.9	1.2	2.2	6.3	2.3	1.2	1.5	3.8	7.6	7.5	8.8	7.2	8.8	8.1	9.9	10.4	5.9	12.1	8.5	4.4	4.4	4.3	5.9	12.1
10	7.5	9.4	7.8	8.6	9.2	9.2	8.6	2.3	2.5	4.5	4.5	4.8	5.1	6.5	5.3	7.2	6.3	4.5	6.4	6.8	6.6	2.7	6.1	8.5	6.3	9.4
11	9.6	6.9	5.1	6.8	7.7	8.0	3.6	8.9	7.5	7.3	4.5	7.4	8.1	7.6	10.3	9.2	16.0	21.5	14.4	8.8	3.7	5.4	8.6	10.2	8.6	21.5
12	8.4	7.4	8.9	8.9	7.7	7.0	5.4	1.8	1.7	3.0	3.6	4.9	5.4	5.7	6.3	9.5	10.3	13.5	8.0	3.1	5.7	8.9	8.4	8.4	6.7	13.5
13	11.0	9.0	4.8	8.3	5.4	5.7	4.3	5.2	3.4	3.2	8.3	6.6	7.3	12.6	13.6	9.3	14.6	12.2	10.9	9.5	7.8	3.3	17.7	6.7	8.4	17.7
14	5.6	11.4	7.8	5.2	6.2	7.7	5.5	2.0	2.6	6.9	6.8	6.0	8.3	10.3	11.0	6.4	4.0	5.3	11.5	7.7	6.4	4.8	9.2	11.7	7.1	11.7
15	10.0	11.1	10.8	3.3	5.4	9.6	5.7	2.7	2.0	3.0	6.0	10.0	14.0	19.6	19.2	19.5	20.3	16.3	14.7	16.2	14.4	13.2	9.8	9.5	11.1	20.3
16	7.8	3.3	6.3	7.5	2.7	1.7	2.2	3.1	2.8	5.5	16.3	16.4	17.0	19.2	20.3	14.3	9.8	12.8	11.3	8.1	10.3	6.9	8.2	8.6	9.3	20.3
17	8.9	6.2	5.5	7.0	12.0	19.4	17.7	20.3	21.8	17.8	17.4	19.8	20.5	17.6	15.9	14.3	13.2	13.0	13.3	14.8	8.0	3.2	6.9	9.8	13.5	21.8
18	5.5	7.2	9.0	1.9	5.1	6.6	4.9	2.5	4.0	4.6	5.7	6.1	8.4	8.6	8.1	9.8	9.1	10.4	10.0	12.2	8.8	1.6	1.9	6.4	6.6	12.2
19	8.3	4.2	5.9	3.6	5.8	6.6	5.1	1.9	2.9	2.7	3.6	5.5	5.7	7.4	9.4	10.5	8.6	9.6	9.9	5.8	2.9	4.1	8.7	7.5	6.1	10.5
20	7.9	[PF]	5.9	5.6	5.4	7.8	3.9	3.1	5.5	6.5	7.1	11.1	8.0	7.6	6.1	5.1	5.5	5.8	9.2	7.5	4.8	7.8	3.4	5.8	6.4	11.1
21	12.0	8.1	9.1	6.6	10.4	8.4	5.4	2.9	2.2	3.6	4.0	4.8	5.2	3.8	7.3	6.9	7.4	6.3	17.0	21.3	13.7	9.4	7.8	4.7	7.8	21.3
22	4.4	6.1	4.3	6.5	4.3	2.7	3.0	2.8	2.8	2.2	4.7	6.0	7.5	6.7	8.5	8.9	6.8	7.7	5.6	3.6	6.1	3.4	6.9	7.9	5.4	8.9
23	4.7	7.1	9.9	9.2	4.8	4.0	2.9	3.1	3.0	4.8	5.9	13.9	14.5	11.3	12.8	7.2	8.6	11.4	16.9	19.2	14.3	12.4	10.3	5.7	9.1	19.2
24	11.2	7.9	8.4	7.6	6.9	2.2	6.3	3.9	6.7	4.5	9.3	9.2	8.4	9.6	11.5	7.8	13.0	21.8	26.5	13.3	8.4	12.1	8.1	6.6	9.6	26.5
25	7.2	7.2	7.5	6.0	6.0	5.3	3.6	1.9	6.1	5.3	4.3	5.0	8.1	7.5	8.9	6.3	7.9	11.6	13.0	9.3	10.0	18.0	22.6	11.6	8.3	22.6
26	9.2	16.6	10.7	4.8	6.3	5.4	4.3	3.9	2.9	4.0	4.8	5.1	4.3	5.8	11.8	9.5	8.0	3.4	15.0	20.2	16.0	14.7	11.5	4.6	8.5	20.2
27	5.6	6.1	4.4	4.5	1.5	5.1	4.8	2.7	1.9	3.9	4.7	3.6	6.8	5.9	6.4	7.7	3.3	4.6	3.4	2.3	2.4	5.4	7.4	3.0	4.5	7.7
28	3.2	3.8	2.8	5.3	2.9	4.3	5.6	2.9	1.9	1.6	3.0	2.5	2.3	8.9	15.5	11.0	7.4	2.7	4.3	4.8	1.7	2.2	.8	5.0	4.4	15.5
29	5.3	5.5	4.8	5.0	4.6	5.5	4.0	2.3	4.3	4.9	7.1	5.9	6.9	9.8	7.2	7.1	8.4	13.1	13.2	6.8	10.4	15.5	11.7	5.9	7.3	15.5
30	5.9	2.6	2.8	2.3	4.5	6.7	6.1	1.7	3.7	8.0	4.5	4.5	5.4	5.6	8.2	7.6	4.9	7.0	4.3	4.4	2.4	4.1	5.4	7.8	5.0	8.2
31	8.1	9.1	10.4	7.2	6.1	9.2	9.0	4.0	2.8	3.6	3.4	4.6	6.2	5.4	6.6	6.6	6.0	5.7	4.3	1.7	4.4	8.0	10.5	12.7	6.5	12.7
AV	7.7	7.6	7.0	6.1	6.3	6.5	5.2	4.0	4.6	5.7	7.1	8.3	9.1	9.9	11.2	10.3	10.5	11.2	11.3	9.9	7.9	7.5	8.4	7.3	7.9	26.5
SD	2.9	3.1	2.6	2.3	2.7	3.2	3.0	3.9	4.5	4.8	4.9	5.0	5.1	4.8	4.8	4.5	5.0	5.7	5.3	5.6	4.0	4.5	4.3	2.6	4.7	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.2	10.1	11.3	3.9	4.3	9.3	7.7	2.9	1.8	2.8	4.1	5.1	5.8	11.9	12.8	12.6	13.6	12.2	13.6	13.9	16.8	21.2	13.3	10.1	9.5	21.2
2	13.7	14.5	11.8	4.6	6.5	6.9	6.0	11.0	11.2	8.6	6.7	9.9	6.9	8.1	12.2	8.7	17.6	7.7	4.8	9.2	11.4	8.9	7.6	3.5	9.1	17.6
3	5.9	6.6	5.0	5.5	9.6	12.3	11.2	11.3	10.7	9.7	7.7	6.2	6.6	8.7	15.2	14.0	13.7	9.9	9.9	11.1	9.2	11.6	7.2	4.6	9.3	15.2
4	10.4	7.8	5.9	4.6	11.0	11.9	8.4	2.8	3.7	3.6	4.0	6.2	6.4	6.6	5.4	5.1	5.5	5.4	4.3	5.7	8.1	6.3	9.3	9.9	6.6	11.9
5	11.2	7.5	9.0	9.4	11.3	11.2	8.7	4.7	2.8	4.0	6.9	6.1	6.3	7.0	6.8	6.8	5.0	7.5	9.6	8.4	5.5	7.8	10.6	5.9	7.5	11.3
6	8.6	9.5	10.3	8.7	9.0	8.7	8.4	4.9	2.2	3.3	3.7	3.9	4.9	5.2	6.3	7.7	6.9	5.3	6.0	6.0	1.9	6.5	11.8	9.3	6.6	11.8
7	8.2	2.7	4.3	6.3	5.5	3.0	4.6	1.5	1.8	4.2	4.5	6.2	6.9	4.0	16.6	12.7	4.4	9.3	5.8	4.1	4.1	12.3	15.8	8.8	6.6	16.6
8	8.0	5.9	3.0	8.8	5.7	8.2	6.9	8.4	5.8	9.5	7.9	9.3	6.0	9.5	11.3	12.5	19.0	11.9	7.6	17.6	18.7	11.8	11.0	5.7	9.6	19.0
9	3.0	1.9	3.8	4.4	5.6	6.0	5.7	1.9	3.4	2.5	3.8	3.8	6.1	7.8	7.5	15.3	13.4	11.8	11.7	10.8	10.6	10.4	8.4	10.2	7.1	15.3
10	5.4	11.3	8.1	9.0	4.6	7.0	4.0	6.0	5.4	6.3	6.8	5.3	6.5	7.3	7.0	4.5	4.7	6.8	5.5	5.2	10.2	19.2	17.0	15.0	7.8	19.2
11	16.6	11.7	16.1	14.1	21.1	11.9	6.8	5.1	5.8	18.2	15.8	10.2	10.7	13.7	13.7	23.6	8.4	5.4	4.0	3.1	5.6	4.0	2.2	3.4	10.5	23.6
12	2.6	2.4	2.5	1.6	5.4	2.8	5.5	2.8	2.2	3.0	3.3	6.1	8.3	5.3	6.3	10.8	9.2	10.3	8.8	8.8	9.5	4.7	2.5	3.2	5.3	10.8
13	3.4	1.9	2.8	3.0	4.3	5.8	11.8	11.1	7.9	2.8	1.6	2.0	4.2	6.3	3.0	4.0	4.0	2.2	1.8	5.7	3.2	2.0	4.7	3.2	4.3	11.8
14	3.4	.8	1.0	2.3	.3	.3	.2	.2	.8	.9	2.9	4.1	3.7	4.4	4.0	5.5	6.3	7.1	3.4	4.8	3.7	2.9	7.3	6.1	3.2	7.3
15	7.6	7.6	5.9	3.9	4.0	5.6	5.9	2.8	1.8	3.1	3.5	3.8	4.9	3.4	3.1	2.3	1.6	2.5	1.6	16.9	6.7	6.9	6.3	9.1	5.0	16.9
16	6.8	6.3	8.1	4.2	7.9	10.0	11.3	8.0	4.6	5.4	3.5	5.8	5.7	3.6	6.9	10.8	10.3	7.9	5.1	4.9	4.2	3.7	8.1	9.5	6.8	11.3
17	3.6	5.9	5.4	7.8	8.1	5.2	3.7	3.1	1.9	2.2	2.8	4.1	4.6	7.5	5.2	6.9	3.1	2.3	4.6	8.7	14.3	11.3	14.0	12.5	6.2	14.3
18	11.4	5.7	9.3	10.3	7.4	5.1	3.2	1.3	1.6	2.3	3.9	4.7	4.5	5.5	4.3	5.6	5.3	5.5	6.6	17.6	3.1	8.4	8.7	5.4	6.1	17.6
19	10.5	6.9	6.0	4.7	7.6	8.1	7.3	4.1	1.9	3.2	3.4	4.6	4.5	2.6	3.8	4.2	4.7	3.4	1.6	1.9	5.5	9.6	10.5	9.9	5.4	10.5
20	11.1	8.0	3.2	5.0	3.4	6.5	5.3	3.1	1.9	3.3	4.2	4.3	6.9	6.5	5.6	6.7	5.8	3.9	7.2	15.2	16.1	18.8	9.3	8.4	7.1	18.8
21	11.7	8.8	4.6	4.2	6.8	5.2	4.4	4.3	2.3	3.7	5.5	4.8	4.9	4.9	5.2	12.8	14.9	11.7	9.3	8.4	8.3	7.9	4.7	7.1	6.9	14.9
22	8.0	8.2	5.7	7.9	4.6	5.2	8.9	7.0	3.1	3.2	4.9	5.0	6.0	6.2	8.4	18.1	16.0	17.0	14.9	8.3	8.7	11.3	12.0	10.1	8.7	18.1
23	10.5	5.9	3.9	4.9	2.9	4.8	4.7	3.1	1.8	3.0	4.3	4.7	6.6	6.3	7.6	10.9	11.1	12.4	11.1	9.1	11.1	4.8	4.0	2.2	6.3	12.4
24	8.0	11.6	6.1	4.4	2.8	4.0	4.0	5.2	11.9	12.4	11.1	8.1	6.8	5.6	5.6	5.6	5.5	8.5	7.9	7.2	9.3	6.2	4.5	3.7	6.9	12.4
25	6.0	4.7	5.0	4.0	3.7	3.4	3.7	2.2	9.1	13.1	16.4	16.7	14.6	15.2	15.7	15.5	15.2	15.2	15.0	11.9	5.0	6.7	6.2	1.9	9.4	16.7
26	2.4	2.0	3.5	4.7	3.2	4.6	5.8	4.0	2.4	4.1	6.5	7.9	9.6	10.8	11.5	10.3	12.0	10.5	12.2	13.1	6.6	4.9	2.9	3.3	6.6	13.1
27	6.8	8.4	5.0	4.8	4.5	7.7	6.8	2.5	2.2	4.2	4.6	6.3	6.5	5.6	7.5	6.9	7.7	9.5	5.8	7.7	8.7	9.9	6.0	6.2	6.3	9.9
28	6.6	8.2	8.8	9.1	7.8	5.5	3.7	4.7	3.2	4.3	8.0	11.0	17.5	13.3	11.6	8.7	6.6	5.9	8.7	17.9	7.2	3.7	8.2	7.0	8.2	17.9
29	14.0	6.6	10.7	9.1	2.8	2.8	1.5	2.2	1.9	2.8	3.9	3.4	4.1	3.4	4.0	4.6	4.6	4.4	5.4	3.9	5.4	5.5	8.7	6.0	5.1	14.0
30	4.3	8.4	8.7	7.6	8.4	6.8	8.4	3.5	1.9	2.5	2.6	6.8	8.7	6.2	5.8	13.1	14.9	9.7	8.3	6.8	8.4	5.7	3.9	6.1	7.0	14.9
31	9.3	5.5	7.8	8.0	3.0	8.3	6.3	2.6	2.6	3.8	4.3	6.6	9.7	6.4	9.6	13.6	16.9	10.5	4.0	1.9	5.7	8.7	7.7	5.7	7.0	16.9
AV	7.9	6.9	6.5	6.2	6.2	6.6	6.2	4.5	3.9	5.0	5.6	6.2	6.9	7.1	8.0	9.7	9.3	8.2	7.3	8.9	8.2	8.5	8.2	6.9	7.0	23.6
SD	3.6	3.2	3.3	2.8	3.8	2.9	2.7	2.9	3.1	3.8	3.4	2.9	3.0	3.1	3.9	4.8	5.0	3.8	3.7	4.7	4.1	4.7	3.8	3.2	3.9	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7.7	7.5	7.3	9.3	10.9	11.3	7.3	8.4	3.4	3.7	5.2	5.6	5.2	6.9	5.2	6.5	7.3	4.9	4.4	4.3	7.5	10.5	5.5	8.5	6.8	11.3
2	10.2	7.2	12.0	9.9	9.0	6.2	5.2	2.6	3.4	4.4	7.1	9.1	7.4	5.7	7.9	7.7	7.2	5.5	3.9	1.0	6.5	11.2	9.9	11.0	7.1	12.0
3	10.9	9.1	9.0	7.2	6.0	8.4	7.0	3.1	4.0	2.9	4.7	6.0	6.2	7.2	6.5	7.8	8.9	6.9	3.8	3.7	8.8	9.3	6.1	3.8	6.5	10.8
4	5.8	6.1	6.5	3.8	3.5	3.7	3.8	3.7	4.6	5.4	7.5	11.6	10.8	8.8	7.1	15.8	10.8	17.4	12.1	11.7	12.1	9.9	4.7	7.2	8.1	17.4
5	8.0	6.6	7.5	13.4	10.8	6.9	3.7	9.7	8.6	7.2	4.0	5.2	6.0	6.8	22.7	13.8	18.7	16.1	11.5	6.1	6.6	10.1	9.5	7.7	9.5	22.7
6	4.1	3.2	6.3	8.1	6.7	6.1	7.9	3.4	2.7	2.6	3.6	5.2	2.8	5.0	6.3	6.1	13.8	11.4	21.7	7.2	6.5	5.0	5.5	6.2	6.6	21.7
7	9.1	7.0	4.6	4.6	5.1	5.8	3.7	4.4	2.5	1.9	1.9	2.3	3.3	2.6	3.6	2.2	2.9	3.1	3.9	2.1	1.7	3.7	5.5	4.5	3.8	9.1
8	5.3	5.2	5.3	3.0	1.6	1.4	1.1	2.0	1.4	3.5	3.7	3.7	6.8	6.2	7.7	8.5	7.7	3.5	4.3	8.3	6.0	6.0	1.7	2.4	4.4	8.5
9	3.3	3.1	5.0	4.1	4.1	5.2	2.4	1.7	1.2	1.5	3.3	4.6	5.7	4.3	10.4	9.0	6.4	5.5	5.2	8.5	13.3	10.2	7.4	4.5	5.4	13.3
10	4.0	1.4	2.1	2.3	2.5	5.7	6.2	9.7	11.0	9.4	7.5	7.0	4.1	6.7	15.9	23.9	17.7	7.3	3.7	4.3	4.1	9.5	5.6	5.3	7.4	23.9
11	4.1	6.0	5.2	4.9	4.1	1.9	2.8	2.9	4.7	4.0	7.3	7.4	7.7	9.2	10.8	8.7	7.2	7.4	3.1	.6	1.2	.5	1.6	3.5	4.9	10.8
12	4.7	4.9	4.3	4.8	5.3	6.4	5.0	3.5	1.8	3.1	5.4	4.4	6.3	8.3	9.6	6.7	4.0	6.7	13.9	5.7	6.0	7.2	7.7	4.4	5.8	13.9
13	1.4	1.7	1.0	2.2	2.9	3.8	2.7	3.2	.7	.8	8.3	7.8	10.0	4.6	1.8	4.9	4.7	2.5	1.5	6.1	1.9	5.1	4.7	5.1	3.7	10.0
14	2.2	1.9	2.0	2.4	2.7	2.8	2.6	1.8	1.5	3.0	2.7	2.5	7.7	8.4	8.5	7.4	3.2	1.3	3.5	4.7	4.6	3.2	1.5	3.7	3.6	8.5
15	2.6	4.6	4.4	4.1	3.3	5.7	4.4	3.6	1.3	1.2	3.1	5.4	5.2	6.6	6.4	3.5	3.3	2.9	.5	1.2	4.2	2.2	4.1	3.5	3.6	6.6
16	1.4	3.5	2.6	3.7	3.3	.8	2.1	1.6	1.4	1.6	3.0	6.7	6.9	6.7	6.9	11.0	11.1	4.3	2.7	2.6	5.6	6.3	5.1	5.7	4.4	11.1
17	5.5	3.2	2.2	1.4	1.8	3.7	5.2	2.7	1.7	1.3	2.4	3.3	5.7	3.9	4.5	6.0	4.0	2.7	3.7	7.2	7.1	3.8	8.3	7.5	4.1	8.3
18	5.3	6.9	6.5	5.8	3.3	3.4	5.5	2.6	1.2	1.9	2.9	4.1	5.2	3.6	4.0	4.0	5.5	6.6	8.6	8.3	7.9	4.6	2.5	2.5	4.7	8.6
19	1.3	2.2	2.4	4.3	2.8	4.9	5.7	2.0	1.8	6.4	12.3	9.0	3.3	5.5	6.5	7.1	3.2	3.5	2.8	3.2	8.0	20.1	6.9	6.9	5.5	20.1
20	3.9	2.0	3.5	1.6	2.8	4.1	6.1	3.4	3.1	2.9	3.6	3.9	3.8	4.4	4.8	3.7	4.8	4.2	1.2	2.0	4.7	4.4	3.7	4.7	3.6	6.1
21	5.6	3.9	5.7	2.1	4.0	2.7	2.2	2.2	2.6	2.9	3.8	3.5	4.6	5.1	5.3	4.3	6.8	4.5	6.9	9.4	4.0	4.0	5.5	5.5	4.5	9.4
22	4.3	6.0	4.2	3.2	5.5	3.7	5.0	2.4	1.7	1.3	2.2	4.6	6.3	6.9	6.0	12.2	9.1	8.8	9.9	8.3	4.5	3.3	3.1	6.1	5.4	12.2
23	7.4	6.9	5.0	2.9	5.8	4.4	8.6	3.9	1.7	2.3	2.5	3.2	3.9	7.2	6.9	5.4	1.2	.1	2.3	6.3	6.4	6.3	7.5	5.4	4.7	8.6
24	6.7	6.5	5.3	5.5	2.2	6.2	5.0	2.8	.0	2.2	1.7	2.5	5.6	4.2	2.3	2.9	.9	1.1	1.8	4.3	4.9	5.9	3.8	2.0	3.6	6.7
25	3.4	5.4	4.9	6.0	3.9	6.4	1.6	1.7	5.9	2.0	1.5	1.6	3.6	3.0	1.5	1.8	1.9	.9	2.9	5.3	3.1	1.3	2.0	2.8	3.1	6.4
26	3.7	7.4	7.3	9.0	5.3	1.3	1.9	2.7	2.9	2.9	7.8	18.6	22.7	21.1	20.6	19.6	20.5	16.9	9.1	4.3	4.3	20.7	10.2	3.6	10.2	22.7
27	3.2	5.9	3.1	5.3	3.3	5.6	2.3	1.6	1.5	4.6	9.1	14.4	16.6	16.7	10.0	11.9	16.6	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	7.7	16.7
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
AV	5.0	5.0	5.0	5.0	4.5	4.8	4.3	3.5	2.9	3.2	4.7	6.0	6.8	6.9	7.8	8.2	7.8	6.0	5.7	5.3	5.8	7.1	5.4	5.2	5.5	23.9
SD	2.6	2.1	2.4	2.9	2.5	2.3	2.1	2.2	2.4	2.0	2.7	3.9	4.3	3.9	5.0	5.3	5.5	4.7	4.8	2.8	2.8	4.9	2.5	2.1	3.7	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	4.3	4.8	4.5	3.0	2.1	1.6	3.7	5.6	4.7	5.8	6.4	4.2	6.4
3	5.5	2.9	2.3	4.2	4.9	5.1	3.7	2.1	.9	1.2	2.6	4.2	4.6	3.3	3.7	3.6	3.2	1.6	1.8	5.1	3.5	4.6	6.4	4.2	3.5	6.4
4	4.9	4.1	3.2	4.8	2.5	3.0	4.7	2.1	.7	.7	2.6	3.9	1.8	2.2	3.1	4.5	3.8	2.9	2.1	5.7	8.8	5.5	11.5	5.1	3.9	11.5
5	.6	1.0	3.1	4.4	5.8	5.4	4.6	2.3	5.7	5.1	6.4	4.4	6.5	7.6	9.9	9.6	6.4	6.1	5.8	4.4	4.5	1.5	2.5	5.6	5.0	9.9
6	5.6	6.0	6.9	4.6	3.4	4.3	3.6	2.9	2.3	2.7	2.8	2.7	3.5	5.2	3.7	4.2	5.2	2.2	.9	3.4	5.8	4.3	6.3	5.3	4.1	6.9
7	5.6	5.5	3.3	3.8	5.4	3.3	2.4	.4	.7	2.6	2.7	1.8	2.4	1.0	3.8	2.4	2.5	4.0	12.0	22.0	16.0	12.1	11.7	10.5	5.7	22.0
8	11.0	8.0	4.0	4.5	2.5	4.0	6.5	6.0	2.0	1.4	4.1	5.4	6.7	4.9	5.2	7.4	6.3	10.6	12.9	11.5	11.6	8.6	3.9	2.3	6.3	12.9
9	2.2	3.2	4.1	5.6	1.6	2.4	3.8	1.5	1.8	2.2	4.9	7.6	6.2	6.4	4.7	6.2	8.3	7.5	8.5	6.9	10.2	7.8	3.3	2.9	5.0	10.2
10	2.3	1.7	1.6	2.0	2.3	1.1	1.8	.7	.7	2.3	4.9	6.9	6.5	7.5	5.5	4.9	5.1	3.5	4.4	1.9	2.8	4.7	5.2	6.1	3.6	7.5
11	4.5	4.8	4.9	5.7	2.6	3.9	4.2	3.5	3.8	5.6	7.9	8.5	9.4	10.7	10.0	10.2	3.0	1.1	2.4	6.0	4.6	5.6	7.4	6.5	5.7	10.7
12	6.2	6.5	6.1	4.3	6.5	5.0	5.6	3.7	1.3	2.1	4.5	5.3	3.2	2.8	5.4	3.2	4.5	2.6	2.1	5.0	7.7	9.0	7.5	5.7	4.8	9.0
13	4.6	4.0	2.7	4.7	2.1	4.5	3.1	.1	1.8	2.4	3.0	5.3	6.3	3.1	4.0	3.4	3.9	2.4	1.3	3.6	7.2	8.2	8.1	7.3	4.0	8.2
14	5.9	4.0	3.8	4.3	4.9	2.8	2.6	3.6	1.1	1.0	1.3	2.6	2.3	4.3	5.8	4.4	2.5	1.8	2.3	3.1	5.5	5.9	5.4	6.8	3.7	6.8
15	6.4	5.1	4.0	2.6	3.6	2.8	3.2	3.2	.9	1.0	1.3	2.1	2.5	4.9	4.2	3.6	2.1	1.3	4.5	7.6	6.6	6.6	5.2	6.0	3.8	7.6
16	5.1	2.5	3.2	4.7	3.7	3.2	3.4	3.9	.2	1.0	1.5	2.4	3.6	6.1	7.1	4.8	1.6	1.9	3.7	8.6	5.9	5.3	7.1	6.2	4.0	8.6
17	5.7	5.3	4.5	3.0	3.4	2.8	2.9	2.9	.0	.3	1.4	2.8	3.7	5.5	5.0	9.7	14.3	11.8	7.3	6.1	3.9	1.9	2.2	2.1	4.5	14.3
18	3.0	5.2	3.1	4.8	4.9	4.0	3.1	4.1	1.2	1.5	1.0	2.8	4.4	10.5	16.1	13.3	14.6	11.6	8.8	2.0	9.8	13.1	10.7	7.9	6.7	16.1
19	6.0	9.3	4.7	2.4	2.1	2.8	2.4	2.6	1.3	4.1	2.3	2.6	3.2	2.6	2.7	1.4	2.0	1.4	1.6	1.9	5.1	2.4	3.8	3.9	3.1	9.3
20	4.5	4.0	1.8	3.9	3.0	2.1	3.6	1.8	.8	.8	2.5	2.3	2.1	2.6	2.5	1.9	1.5	.3	3.0	5.0	6.3	7.4	6.0	3.6	3.1	7.4
21	7.0	6.8	4.0	4.3	3.5	3.8	3.4	3.1	1.0	.2	1.7	2.5	1.9	3.4	2.3	1.7	1.5	.8	3.7	6.9	4.0	4.8	6.3	4.3	3.5	7.0
22	4.2	5.4	5.8	4.6	3.4	2.2	2.6	1.8	.4	1.0	.7	.7	2.1	2.4	2.7	3.7	.8	.8	2.9	4.1	5.2	5.9	6.3	4.0	3.1	6.3
23	4.3	5.1	5.0	3.5	3.6	3.0	2.0	3.2	1.9	1.4	.5	2.8	4.0	3.8	3.7	3.9	2.2	1.9	2.9	5.7	5.8	6.1	4.5	2.8	3.5	6.1
24	.5	2.8	3.4	2.2	2.2	4.2	5.3	3.9	1.1	1.3	1.5	.9	1.4	3.1	2.1	3.1	2.9	1.6	3.8	2.2	1.5	3.2	4.3	.7	2.5	5.3
25	1.8	4.1	2.9	2.8	3.2	2.1	2.8	1.7	.5	.1	3.1	6.9	5.9	3.8	4.3	4.0	.0	.4	2.1	4.2	6.1	5.0	3.2	4.0	3.1	6.9
26	3.2	2.1	3.5	1.6	1.3	2.4	2.5	2.0	1.3	3.2	17.8	17.2	19.4	14.8	12.0	14.2	15.2	10.2	9.0	18.5	13.5	4.5	4.4	3.8	8.2	19.4
27	2.7	2.7	.9	6.6	12.6	4.5	11.6	4.7	2.2	3.3	3.3	4.1	5.1	4.5	3.2	10.4	7.3	7.8	5.4	4.7	5.1	6.6	6.5	5.7	5.5	12.6
28	7.3	7.0	8.2	7.5	6.1	9.5	7.0	6.7	5.8	2.7	2.8	4.2	1.9	1.1	2.8	1.2	.5	2.7	7.0	2.6	3.7	2.0	1.4	2.1	4.3	9.5
29	1.5	.9	.5	1.1	1.4	1.4	1.9	1.0	4.8	9.6	5.7	8.0	8.7	10.3	9.7	10.1	7.9	8.6	1.7	.6	.9	.2	.1	.8	4.1	10.3
30	.2	.0	.1	.5	1.6	.5	.6	.5	.3	.6	1.5	2.2	2.2	3.2	2.3	3.6	1.2	3.4	1.7	.8	.9	1.0	.8	.5	1.3	3.6
31	1.3	.3	.0	.0	.4	.2	.2	.0	1.0	1.4	2.4	1.9	1.2	.3	.7	.5	.1	.0	1.4	2.5	2.7	1.3	2.9	1.7	1.0	2.9
AV	4.3	4.1	3.5	3.8	3.6	3.3	3.6	2.6	1.6	2.2	3.4	4.3	4.6	4.9	5.1	5.3	4.4	3.8	4.3	5.5	6.0	5.3	5.4	4.5	4.2	22.0
SD	2.4	2.3	1.9	1.7	2.3	1.8	2.2	1.6	1.5	2.0	3.3	3.3	3.6	3.3	3.4	3.6	4.1	3.6	3.2	4.7	3.5	3.0	2.9	2.3	3.1	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	4.0	5.5	7.0	5.5	5.0	4.0	6.0	4.0	3.0	3.5	4.0	4.3	4.4	3.9	2.2	8.1	6.0	6.3	2.4	2.5	1.2	6.0	8.1	4.7	8.1
2	3.7	1.8	2.2	4.0	3.5	1.9	3.1	3.9	1.9	2.1	6.0	10.0	8.0	7.0	3.0	7.0	5.5	7.7	4.6	2.6	5.2	6.0	5.1	6.3	4.7	10.0
3	3.6	4.1	4.6	4.1	3.7	4.2	4.5	4.3	2.5	1.3	2.0	3.1	3.4	2.5	2.6	2.1	3.7	5.2	3.1	4.7	5.1	6.5	4.6	6.8	3.8	6.8
4	5.2	4.7	5.5	3.5	4.5	3.6	5.0	2.4	2.3	1.4	1.7	3.0	4.2	3.8	3.9	5.0	5.4	6.0	1.8	5.1	6.0	8.0	6.4	6.8	4.4	8.0
5	6.0	5.4	5.4	5.2	4.3	3.1	5.0	3.1	2.7	2.2	1.9	2.9	2.9	2.8	4.2	4.8	5.5	6.9	2.8	5.0	6.2	6.8	6.9	6.9	4.5	6.9
6	5.5	4.5	3.5	5.0	4.9	4.8	1.2	2.0	2.5	2.0	1.6	3.1	4.0	3.8	2.9	2.2	5.0	12.0	12.0	12.0	10.3	4.9	5.5	4.9	5.0	12.0
7	6.3	6.2	3.8	3.0	4.9	3.0	3.7	3.6	2.2	1.5	1.0	2.2	1.9	3.1	4.7	3.7	2.8	2.3	5.6	5.7	4.7	3.2	2.8	3.3	3.6	6.3
8	2.1	4.0	19.0	23.5	16.0	14.0	6.7	11.9	13.3	11.5	5.4	4.3	8.4	7.6	[8A]	3.6	2.5	4.3	3.4	2.8	4.0	4.9	5.6	2.4	7.9	23.5
9	3.1	2.6	4.3	4.3	4.0	1.6	2.7	1.1	2.2	1.3	3.5	6.5	15.0	18.0	11.9	14.0	7.5	4.3	4.9	3.0	4.0	5.0	4.0	2.0	5.5	18.0
10	2.5	1.6	4.3	5.0	3.7	3.2	3.8	4.6	3.1	1.9	12.0	20.0	15.2	15.0	10.0	10.8	4.6	9.4	2.2	4.1	3.9	2.6	1.9	1.1	6.1	20.0
11	.5	.7	4.6	1.1	5.8	6.5	4.9	1.6	2.7	6.2	5.0	4.3	6.8	6.3	5.4	4.5	3.5	6.6	10.6	7.3	9.9	7.2	7.6	6.0	5.2	10.6
12	5.2	5.7	10.9	12.2	5.5	8.3	11.0	9.9	4.9	3.1	2.8	1.0	1.0	2.4	2.9	3.2	2.2	2.5	4.8	6.7	3.4	2.6	2.7	1.4	4.8	12.2
13	3.5	4.2	5.5	2.7	4.0	3.6	1.6	3.0	2.5	4.1	2.2	4.0	7.5	15.0	21.7	18.0	18.9	21.4	7.0	2.8	4.8	1.6	4.7	4.9	7.1	21.7
14	5.2	6.1	5.4	4.1	6.2	6.4	4.5	4.3	5.5	2.3	1.9	2.0	3.2	3.2	3.4	5.9	2.6	.4	2.7	4.9	5.4	5.2	6.0	4.6	4.2	6.4
15	4.1	5.6	6.8	5.4	3.7	3.5	1.8	2.7	1.9	1.4	1.8	2.9	5.1	4.8	4.6	3.8	5.0	3.4	1.9	1.5	5.2	5.2	5.3	6.3	3.9	6.8
16	5.7	6.3	6.3	3.9	5.1	3.5	3.2	4.7	4.3	1.9	1.6	2.2	3.4	3.4	2.3	3.4	2.0	2.2	3.1	5.5	4.1	3.8	4.0	3.0	3.7	6.3
17	2.8	3.1	3.5	4.0	3.6	2.2	3.0	4.0	4.0	1.3	2.0	2.9	3.6	3.1	4.0	3.4	3.4	2.2	2.1	3.6	4.1	3.0	2.5	3.0	3.1	4.1
18	2.7	2.4	1.3	.7	.9	1.9	1.6	.8	1.2	.4	1.1	2.3	2.2	2.8	3.4	12.6	13.8	5.4	2.4	3.0	6.5	5.7	12.1	11.7	4.1	13.8
19	14.5	12.6	12.2	11.5	9.0	10.7	9.4	13.6	12.9	21.7	13.7	7.7	10.7	11.3	11.6	8.2	6.3	2.1	2.4	6.6	6.4	4.8	4.3	4.9	9.5	21.7
20	3.2	5.8	5.3	5.8	3.9	4.9	5.7	3.6	3.3	1.4	2.0	2.2	3.0	3.2	4.0	2.1	.3	2.0	4.9	4.8	4.3	3.6	2.4	3.9	3.6	5.8
21	4.3	4.6	5.7	6.1	8.1	6.5	5.7	5.1	3.0	1.2	1.1	1.8	2.7	2.9	4.0	2.6	2.9	2.4	3.6	4.6	3.8	3.8	2.8	2.3	3.8	8.1
22	3.9	3.0	2.2	1.3	1.6	.2	.4	.4	.6	.0	.6	1.4	1.9	.4	4.8	4.9	3.1	4.8	5.7	3.7	2.4	2.5	3.1	3.9	2.4	5.7
23	2.4	1.8	1.6	1.5	4.3	4.4	4.2	6.5	5.3	2.8	4.4	4.7	5.4	6.2	7.0	5.5	3.5	1.8	.9	.8	2.9	5.0	4.9	4.9	3.9	7.0
24	4.9	3.6	2.7	2.6	1.2	1.2	1.4	.4	.1	.3	1.1	1.0	1.6	1.9	1.4	1.6	.0	.0	.4	.0	.0	.4	.5	.9	1.2	4.9
25	2.3	2.8	2.9	1.6	1.5	2.7	1.9	3.3	3.1	1.6	2.4	2.3	1.8	1.7	1.8	1.8	1.3	.6	2.0	.3	.6	.7	1.4	2.2	1.9	3.3
26	.7	.9	2.7	.7	2.0	3.8	2.7	2.8	1.6	1.5	2.1	2.5	2.1	1.9	.6	.6	1.3	2.1	1.6	4.3	6.0	6.8	6.0	3.6	2.5	6.8
27	2.0	3.6	3.5	3.7	3.3	2.4	1.5	3.7	2.1	.7	1.2	2.3	2.1	3.7	4.2	3.2	3.0	.4	1.1	3.8	3.1	3.1	4.2	3.9	2.7	4.2
28	3.6	3.9	2.5	1.6	1.3	1.4	1.8	3.2	1.3	.3	.9	.6	.7	1.2	1.8	2.4	2.3	1.9	.6	1.3	1.3	1.7	1.2	2.8	1.7	3.9
29	1.8	.4	.3	1.3	1.7	.3	.0	3.1	1.3	1.0	1.4	1.4	3.2	1.8	.4	.8	1.7	.9	1.5	.6	.7	.7	2.1	1.5	1.2	3.2
30	1.8	7.4	2.2	1.3	2.3	2.0	1.2	.1	1.1	1.7	2.9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	2.2	7.4
AV	3.9	4.1	4.9	4.6	4.3	4.0	3.6	4.0	3.3	2.8	3.0	3.8	4.7	5.0	4.9	5.0	4.4	4.4	3.7	3.9	4.4	4.0	4.4	4.3	4.1	23.5
SD	2.5	2.4	3.7	4.5	2.9	3.0	2.5	3.1	3.0	4.2	3.0	3.7	3.7	4.4	4.3	4.1	3.9	4.4	2.7	2.5	2.4	2.1	2.4	2.4	3.3	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:15]

MILES/HOUR
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	3.3	3.5	3.9	3.9	3.4	1.5	.3	1.4	2.0	3.1	3.7	3.2	2.8	3.9
4	1.5	2.5	4.2	2.5	1.7	2.8	2.9	2.9	1.7	1.6	1.8	2.8	2.1	2.0	1.6	2.1	3.8	1.8	.5	2.2	3.4	1.4	2.7	3.9	2.4	4.2
5	5.0	3.2	2.5	2.1	2.9	2.8	3.1	1.6	.7	.0	.8	2.3	2.8	2.3	1.2	1.4	2.0	.8	1.9	2.9	3.5	3.5	3.0	1.0	2.2	5.0
6	1.3	3.7	1.5	.9	2.9	1.0	4.0	.5	1.3	.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1.8	4.0
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1.1	.6	1.3	2.4	3.3	4.6	2.4	1.7	1.5	2.9	3.6	6.0	5.8	5.7	3.1	6.0
12	5.6	5.2	4.3	2.3	2.3	1.1	.9	.6	1.1	1.2	2.8	3.1	1.1	1.2	.8	2.0	1.3	.1	.0	.2	.4	2.0	.8	3.9	1.8	5.6
13	5.5	4.0	1.8	.1	.0	.9	3.5	2.1	2.1	1.0	3.5	1.3	1.4	3.8	5.3	3.3	1.6	2.7	2.3	7.4	1.9	2.0	3.7	5.5	2.8	7.4
14	5.6	5.8	6.5	7.8	5.8	4.6	10.5	11.9	9.5	5.3	1.2	.5	.0	1.4	2.1	2.5	4.0	.9	1.8	3.5	5.6	5.0	5.0	2.6	4.6	11.9
15	1.8	1.0	.7	.9	1.6	1.0	1.1	1.7	.6	.8	.7	.9	2.2	2.1	2.2	2.1	3.3	1.7	3.0	2.9	2.5	.5	.0	.3	1.5	3.3
16	.5	.3	2.1	3.0	1.0	1.3	3.1	1.7	1.5	1.0	.7	2.3	1.3	1.5	2.0	3.2	2.7	2.7	3.7	2.0	2.3	2.1	2.6	3.0	2.0	3.7
17	1.6	2.0	2.7	3.0	2.8	4.0	2.0	1.3	3.2	.9	.8	1.6	.1	.3	1.0	.9	1.5	.3	.8	.8	1.5	1.1	1.7	3.3	1.6	4.0
18	1.3	1.8	1.0	1.2	3.0	3.4	3.1	3.2	3.2	3.1	4.0	4.6	2.9	2.0	1.1	.6	1.6	5.0	6.8	7.1	4.6	5.8	6.5	5.4	3.4	7.1
19	3.0	3.3	4.7	3.8	2.3	2.3	4.2	2.1	1.4	.0	.0	1.0	.5	1.9	2.2	2.4	1.5	.6	2.0	3.9	3.1	1.5	3.6	3.6	2.3	4.7
20	3.4	4.3	2.3	1.7	3.2	1.3	.6	2.4	3.3	1.7	.4	1.7	.3	.6	.7	1.8	.4	1.4	1.4	.4	2.4	1.3	1.1	2.2	1.7	4.3
21	1.2	.5	.2	.0	1.8	2.4	.5	.1	1.5	1.1	.7	1.8	1.0	.9	1.1	.8	1.4	1.0	2.4	2.7	2.9	1.9	1.4	1.5	1.3	2.9
22	1.2	.6	.9	1.3	1.1	1.3	1.4	2.8	1.1	.8	2.2	3.0	3.8	7.9	9.8	9.8	13.5	5.0	2.1	2.9	3.3	2.6	2.1	2.1	3.4	13.5
23	1.4	2.2	3.3	5.7	4.0	3.1	6.8	14.4	3.9	2.0	2.2	4.2	.3	6.9	11.2	2.9	1.1	1.5	1.7	2.3	3.4	6.3	.9	1.7	3.9	14.4
24	4.3	2.2	3.2	2.3	1.6	9.9	8.1	8.5	11.6	5.4	6.0	8.7	7.5	13.2	17.2	16.3	16.2	13.9	12.8	12.8	11.8	12.2	9.7	4.8	9.2	17.2
25	2.5	3.2	3.6	4.7	3.1	2.3	2.0	3.2	2.6	.7	1.3	2.2	6.2	5.7	1.5	.6	1.8	1.8	4.2	6.2	8.1	8.7	5.4	4.9	3.6	8.7
26	6.0	5.4	3.3	3.9	3.0	4.2	4.4	2.6	1.8	1.2	.9	2.0	1.5	2.5	4.3	3.6	4.0	2.5	3.6	3.5	3.7	5.2	5.7	3.8	3.4	6.0
27	5.2	4.2	6.4	5.0	3.4	4.1	3.1	2.1	1.7	.6	1.2	2.1	1.7	1.3	2.6	4.6	2.1	1.1	.4	3.0	4.6	3.2	2.5	.7	2.8	6.4
28	2.0	3.2	2.1	4.2	3.8	5.0	7.3	5.2	4.1	1.7	1.4	.6	1.0	1.1	1.4	1.7	3.8	2.7	3.5	6.7	6.0	6.9	5.0	6.4	3.6	7.3
29	6.9	5.9	3.7	1.7	1.9	2.6	2.8	1.8	.9	.1	.0	.4	.5	.9	.9	2.6	3.0	1.3	2.7	3.8	4.3	3.4	4.6	4.4	2.5	6.9
30	3.9	3.9	4.4	5.1	2.9	2.5	2.8	5.0	3.0	1.6	.5	.8	.9	.9	2.2	1.6	.9	1.6	2.9	6.4	5.5	3.0	2.2	3.5	2.8	6.4
31	5.8	3.2	2.5	2.5	1.8	3.3	3.6	2.4	1.7	1.3	.8	1.2	2.1	1.9	1.5	3.7	3.0	1.7	1.4	4.3	4.7	4.5	4.5	4.3	2.8	5.8
AV	3.3	3.1	3.0	2.9	2.5	2.9	3.6	3.5	2.8	1.5	1.5	2.2	1.9	2.8	3.4	3.3	3.3	2.3	2.7	3.8	4.0	3.9	3.5	3.4	3.0	17.2
SD	2.0	1.6	1.7	1.9	1.2	2.0	2.5	3.5	2.7	1.4	1.4	1.8	1.8	2.9	4.0	3.4	3.7	2.7	2.6	2.8	2.3	2.8	2.2	1.6	2.5	[ ]

QHOUT -- 00000 <811111.1807>

WIND DIRECTION [CC;16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	0	93	343	83	216	178	337	123	156	205	216	344	291	272	243	223	202	175	160	153	177	142	157	167	9
2	158	164	163	154	122	100	84	147	126	185	43	274	278	276	282	286	282	272	193	125	106	151	173	170	8
3	177	173	148	151	154	146	146	139	131	153	68	139	245	300	32	28	143	135	154	182	343	279	17	307	8
4	282	28	313	76	162	187	181	175	173	181	186	195	197	196	268	270	285	259	242	248	218	214	246	248	9
5	227	288	294	269	288	282	279	263	280	278	288	273	273	302	296	265	267	268	283	261	337	142	161	217	13
6	192	274	264	222	250	278	293	289	313	301	3	42	65	65	70	49	65	67	38	98	35	352	161	157	4
7	151	154	121	141	124	105	121	98	65	71	36	352	300	292	338	332	341	241	76	148	138	141	157	129	7
8	126	125	100	108	58	95	87	71	100	29	250	294	289	260	290	272	305	213	94	149	132	72	138	150	5
9	144	85	121	91	96	142	60	111	175	72	29	299	278	267	268	266	316	285	189	132	150	137	152	155	7
10	67	55	150	198	77	131	152	126	131	28	23	247	278	284	300	258	265	314	334	189	152	149	121	149	8
11	115	142	109	139	114	132	137	72	61	60	260	301	330	288	338	303	245	273	190	346	20	175	88	139	7
12	87	87	110	73	92	76	273	285	124	93	246	305	298	275	297	260	308	72	139	189	166	158	97	89	5
13	56	52	49	72	52	87	112	152	151	171	186	34	272	285	317	10	57	29	112	165	146	138	55	132	3
14	150	131	134	114	103	150	114	128	132	64	31	317	277	270	293	310	292	228	155	159	205	27	111	136	7
15	145	106	136	173	164	163	151	148	111	113	310	263	290	316	293	250	231	112	143	152	155	157	160	141	8
16	146	138	162	129	119	90	95	149	117	82	50	46	261	277	255	250	249	195	192	196	196	157	183	163	8
17	213	220	229	252	315	288	307	263	273	246	334	23	350	284	248	222	212	195	118	134	117	323	323	38	15
18	216	230	314	37	29	39	47	67	92	105	356	342	245	276	249	193	225	214	202	213	145	137	146	144	11
19	128	119	137	55	69	70	38	39	49	50	353	310	293	292	255	230	224	222	212	173	233	268	250	29	3
20	144	151	152	151	68	113	72	58	80	41	353	270	217	209	197	214	208	184	222	47	78	60	66	98	4
21	151	173	170	171	171	163	164	158	155	165	247	274	289	261	171	147	153	181	187	5	272	202	165	246	9
22	267	314	133	160	155	143	135	145	185	173	173	256	270	274	274	272	270	265	264	285	144	162	161	155	[VA]
23	158	168	165	143	82	73	27	75	117	83	25	8	280	315	30	40	53	38	11	87	63	55	54	339	3
24	268	114	99	160	102	127	133	54	176	321	307	273	264	257	266	355	359	131	116	106	125	146	137	161	7
25	173	161	145	63	132	71	76	60	73	49	85	279	270	295	317	263	262	283	83	151	221	259	141	160	4
26	153	143	167	142	82	149	110	111	152	314	292	312	282	272	193	339	300	67	30	315	94	139	119	86	[VA]
27	208	217	266	264	275	263	268	274	271	283	323	280	230	306	315	57	19	354	113	142	147	142	143	144	13
28	140	141	101	131	142	133	80	95	91	266	230	181	288	0	334	327	266	263	201	161	95	6	145	190	7
29	138	27	318	338	170	146	26	262	267	196	262	286	278	262	232	229	312	318	65	114	146	151	152	160	7
30	150	144	148	83	121	109	114	54	74	318	18	17	332	275	263	296	347	10	50	126	137	146	149	74	7
31	73	227	130	146	137	134	54	112	91	296	277	264	292	358	346	301	240	253	311	21	114	154	199	118	7
PV	8	7	7	7	6	7	6	4	[VA]	4	2	14	13	14	14	13	14	13	10	8	7	8	7	8	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	N	E	NNW	E	SW	S	NNW	ESE	SSE	SSW	SW	NNW	WNW	W	WSW	SW	SSW	S	SSE	SSE	S	SE	SSE	SSE	S
2	SSE	SSE	SSE	SSE	ESE	E	E	SSE	SE	S	NE	W	W	W	WNW	WNW	WNW	W	SSW	SE	ESE	SSE	S	S	SSE
3	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SSE	ENE	SE	WSW	WNW	NNE	NNE	SE	SE	SSE	S	NNW	W	NNE	NW	SSE
4	WNW	NNE	NW	ENE	SSE	S	S	S	S	S	S	SSW	SSW	SSW	W	W	WNW	W	WSW	WSW	SW	SW	WSW	WSW	S
5	SW	WNW	WNW	W	WNW	WNW	W	W	W	W	WNW	W	W	WNW	WNW	W	W	W	WNW	W	NNW	SE	SSE	SW	W
6	SSW	W	W	SW	WSW	W	WNW	WNW	NW	WNW	N	NE	ENE	ENE	ENE	NE	ENE	ENE	NE	E	NE	N	SSE	SSE	ENE
7	SSE	SSE	ESE	SE	SE	ESE	ESE	E	ENE	ENE	NE	N	WNW	WNW	NNW	NNW	NNW	WSW	ENE	SSE	SE	SE	SSE	SE	SE
8	SE	SE	E	ESE	ENE	E	E	ENE	E	NNE	WSW	WNW	WNW	W	WNW	W	NW	SSW	E	SSE	SE	ENE	SE	SSE	E
9	SE	E	ESE	E	E	SE	ENE	ESE	S	ENE	NNE	WNW	W	W	W	W	NW	WNW	S	SE	SSE	SE	SSE	SSE	SE
10	ENE	NE	SSE	SSW	ENE	SE	SSE	SE	SE	NNE	NNE	WSW	W	WNW	WNW	WSW	W	NW	NNW	S	SSE	SSE	ESE	SSE	SSE
11	ESE	SE	ESE	SE	ESE	SE	SE	ENE	ENE	ENE	W	WNW	NNW	WNW	NNW	WNW	WSW	W	S	NNW	NNE	S	E	SE	SE
12	E	E	ESE	ENE	E	ENE	W	WNW	SE	E	WSW	NW	WNW	W	WNW	W	NW	ENE	SE	S	SSE	SSE	E	E	E
13	NE	NE	NE	ENE	NE	E	ESE	SSE	SSE	S	S	NE	W	WNW	NW	N	ENE	NNE	ESE	SSE	SE	SE	NE	SE	NE
14	SSE	SE	SE	ESE	ESE	SSE	ESE	SE	SE	ENE	NNE	NW	W	W	WNW	NW	WNW	SW	SSE	SSE	SSW	NNE	ESE	SE	SE
15	SE	ESE	SE	S	SSE	SSE	SSE	SSE	ESE	ESE	NW	W	WNW	NW	WNW	WSW	SW	ESE	SE	SSE	SSE	SSE	SSE	SE	SSE
16	SE	SE	SSE	SE	ESE	E	E	SSE	ESE	E	NE	NE	W	W	WSW	WSW	WSW	SSW	SSW	SSW	SSW	SSE	S	SSE	SSE
17	SSW	SW	SW	WSW	NW	WNW	NW	W	W	WSW	NNW	NNE	N	WNW	WSW	SW	SSW	SSW	ESE	SE	ESE	NW	NW	NE	NW
18	SW	SW	NW	NE	NNE	NE	NE	ENE	E	ESE	N	NNW	WSW	W	WSW	SSW	SW	SW	SSW	SSW	SE	SE	SE	SE	SW
19	SE	ESE	SE	NE	ENE	ENE	NE	NE	NE	NE	N	NW	WNW	WNW	WSW	SW	SW	SW	SSW	S	SW	W	WSW	NNE	NE
20	SE	SSE	SSE	SSE	ENE	ESE	ENE	ENE	E	NE	N	W	SW	SSW	SSW	SW	SSW	S	SW	NE	ENE	ENE	ENE	E	ENE
21	SSE	S	S	S	S	SSE	SSE	SSE	SSE	SSE	WSW	W	WNW	W	S	SSE	SSE	S	S	N	W	SSW	SSE	WSW	S
22	W	NW	SE	SSE	SSE	SE	SE	SE	S	S	S	WSW	W	W	W	W	W	W	W	WNW	SE	SSE	SSE	SSE	[VA]
23	SSE	SSE	SSE	SE	E	ENE	NNE	ENE	ESE	E	NNE	N	W	NW	NNE	NE	NE	NE	N	E	ENE	NE	NE	NNW	NE
24	W	ESE	E	SSE	ESE	SE	SE	NE	S	NW	NW	W	W	WSW	W	N	N	SE	ESE	ESE	SE	SE	SE	SSE	SE
25	S	SSE	SE	ENE	SE	ENE	ENE	ENE	ENE	NE	E	W	W	WNW	NW	W	W	WNW	E	SSE	SW	W	SE	SSE	ENE
26	SSE	SE	SSE	SE	E	SSE	ESE	ESE	SSE	NW	WNW	NW	WNW	W	SSW	NNW	WNW	ENE	NNE	NW	E	SE	ESE	E	[VA]
27	SSW	SW	W	W	W	W	W	W	W	WNW	NW	W	SW	NW	NW	ENE	NNE	N	ESE	SE	SSE	SE	SE	SE	W
28	SE	SE	E	SE	SE	SE	E	E	E	W	SW	S	WNW	N	NNW	NNW	W	W	SSW	SSE	E	N	SE	S	SE
29	SE	NNE	NW	NNW	S	SE	NNE	W	W	SSW	W	WNW	W	W	SW	SW	NW	NW	ENE	ESE	SE	SSE	SSE	SSE	SE
30	SSE	SE	SSE	E	ESE	ESE	ESE	NE	ENE	NW	NNE	NNE	NNW	W	W	WNW	NNW	N	NE	SE	SE	SE	SSE	ENE	SE
31	ENE	SW	SE	SE	SE	SE	NE	ESE	E	WNW	W	W	WNW	N	NNW	WNW	WSW	WSW	NW	NNE	ESE	SSE	SSW	ESE	SE
PV	SSE	SE	SE	SE	ESE	SE	ESE	ENE	[VA]	ENE	NNE	WNW	W	WNW	WNW	W	WNW	W	SSW	SSE	SE	SSE	SE	SSE	SE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	180	146	247	164	157	176	164	158	171	201	209	142	266	269	237	331	329	21	65	89	69	98	65	12	8
2	26	148	151	164	37	175	157	132	204	161	263	313	235	254	78	33	48	98	156	144	148	164	159	157	8
3	165	185	172	171	120	47	37	147	192	154	157	160	337	2	9	43	50	65	68	69	77	71	70	69	4
4	73	94	105	93	101	95	86	78	80	84	72	65	42	49	47	45	64	72	75	77	81	97	93	130	4
5	156	154	156	156	156	153	154	160	138	62	310	321	296	324	315	321	293	335	358	57	154	157	154	148	8
6	142	155	156	155	132	127	148	149	105	131	302	271	265	254	292	303	335	316	292	136	147	152	154	146	7
7	153	159	152	157	155	155	104	70	92	335	281	283	260	276	274	342	275	323	343	109	147	161	133	154	8
8	141	143	142	146	64	93	31	70	265	189	270	315	178	278	282	340	60	72	73	73	91	117	164	157	4
9	156	157	156	152	158	153	139	155	113	72	297	291	280	265	263	269	326	304	193	117	146	159	163	119	8
10	26	172	116	160	173	80	89	137	106	70	311	289	279	347	347	347	340	18	120	150	157	154	160	153	8
11	152	150	137	161	72	84	163	177	213	17	[PF]	225	134	185	14	93	289	340	80	148	146	130	154	143	8
12	135	118	72	79	138	139	108	144	96	16	308	279	281	263	274	322	307	301	124	158	155	155	152	146	7
13	141	142	153	132	156	150	153	137	158	330	333	333	270	264	269	252	332	326	136	56	53	58	96	147	8
14	57	85	154	107	57	173	143	51	14	270	233	266	342	345	296	314	282	267	81	149	153	140	147	146	8
15	64	137	131	113	144	79	85	131	70	3	38	306	316	249	282	353	0	154	123	96	107	145	148	137	7
16	129	152	154	54	54	68	175	143	211	69	345	343	249	329	279	52	80	161	157	59	120	144	97	66	4
17	161	154	92	56	56	92	91	67	336	346	289	273	269	305	336	320	290	265	229	151	93	149	136	176	8
18	161	159	183	176	274	139	118	118	161	201	322	42	352	316	319	301	333	318	120	139	160	155	149	143	8
19	127	141	123	150	118	84	144	137	132	23	82	303	296	276	326	353	16	19	55	177	176	302	169	170	7
20	156	119	150	152	125	143	142	146	149	71	338	307	345	332	326	301	291	285	226	147	173	161	162	161	8
21	152	142	150	162	135	152	148	130	98	213	324	294	315	305	323	319	318	283	219	176	165	168	159	135	8
22	144	168	151	140	79	118	94	90	74	306	280	289	294	343	351	315	280	356	151	158	163	168	136	27	8
23	358	3	358	62	158	5	273	208	163	176	247	321	281	271	252	263	267	298	291	274	137	170	166	169	13
24	149	152	152	117	88	62	97	154	140	3	354	6	353	5	355	344	30	55	63	103	179	161	166	155	8
25	161	165	148	159	168	144	156	151	145	164	305	357	1	330	316	319	319	335	11	144	167	161	154	157	8
26	154	134	120	140	148	143	149	129	115	101	345	305	319	295	53	89	155	159	169	171	167	170	170	155	8
27	155	151	144	147	147	163	145	180	257	344	310	295	273	274	272	168	136	170	172	174	181	170	176	175	8
28	157	149	147	135	154	155	138	137	169	263	277	275	272	339	341	263	34	208	91	159	167	163	183	162	8
PV	8	8	8	7	7	8	8	8	6	[VA]	15	14	13	[VA]	15	15	14	15	5	8	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*                 *
*    FINAL DATA   *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	SE	WSW	SSE	SSE	S	SSE	SSE	S	SSW	SSW	SE	W	W	WSW	NNW	NNW	NNE	ENE	E	ENE	E	ENE	NNE	SSE
2	NNE	SSE	SSE	SSE	NE	S	SSE	SE	SSW	SSE	W	NW	SW	WSW	ENE	NNE	NE	E	SSE	SE	SSE	SSE	SSE	SSE	SSE
3	SSE	S	S	S	ESE	NE	NE	SSE	SSW	SSE	SSE	SSE	NNW	N	N	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
4	ENE	E	ESE	E	E	E	E	ENE	E	E	ENE	ENE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	E	E	E	SE	ENE
5	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	ENE	NW	NW	WNW	NW	NW	NW	WNW	NNW	N	ENE	SSE	SSE	SSE	SSE	SSE
6	SE	SSE	SSE	SSE	SE	SE	SSE	SSE	ESE	SE	WNW	W	W	WSW	WNW	WNW	NNW	NW	WNW	SE	SSE	SSE	SSE	SE	SE
7	SSE	SSE	SSE	SSE	SSE	SSE	ESE	ENE	E	NNW	W	WNW	W	W	W	NNW	W	NW	NNW	ESE	SSE	SSE	SE	SSE	SSE
8	SE	SE	SE	SE	ENE	E	NNE	ENE	W	S	W	NW	S	W	WNW	NNW	ENE	ENE	ENE	ENE	E	ESE	SSE	SSE	ENE
9	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	ESE	ENE	WNW	WNW	W	W	W	W	NW	NW	SSW	ESE	SE	SSE	SSE	ESE	SSE
10	NNE	S	ESE	SSE	S	E	E	SE	ESE	ENE	NW	WNW	W	NNW	NNW	NNW	NNW	NNE	ESE	SSE	SSE	SSE	SSE	SSE	SSE
11	SSE	SSE	SE	SSE	ENE	E	SSE	S	SSW	NNE	[PF]	SW	SE	S	NNE	E	WNW	NNW	E	SSE	SE	SE	SSE	SE	SSE
12	SE	ESE	ENE	E	SE	SE	ESE	SE	E	NNE	NW	W	W	W	W	NW	NW	WNW	SE	SSE	SSE	SSE	SSE	SE	SE
13	SE	SE	SSE	SE	SSE	SSE	SSE	SE	SSE	NNW	NNW	NNW	W	W	W	WSW	NNW	NW	SE	NE	NE	ENE	E	SSE	SSE
14	ENE	E	SSE	ESE	ENE	S	SE	NE	NNE	W	SW	W	NNW	NNW	WNW	NW	WNW	W	E	SSE	SSE	SE	SSE	SE	SSE
15	ENE	SE	SE	ESE	SE	E	E	SE	ENE	N	NE	NW	NW	WSW	WNW	N	N	SSE	ESE	E	ESE	SE	SSE	SE	SE
16	SE	SSE	SSE	NE	NE	ENE	S	SE	SSW	ENE	NNW	NNW	WSW	NNW	W	NE	E	SSE	SSE	ENE	ESE	SE	E	ENE	ENE
17	SSE	SSE	E	NE	NE	E	E	ENE	NNW	NNW	WNW	W	W	NW	NNW	NW	WNW	W	SW	SSE	E	SSE	SE	S	SSE
18	SSE	SSE	S	S	W	SE	ESE	ESE	SSE	SSW	NW	NE	N	NW	NW	WNW	NNW	NW	ESE	SE	SSE	SSE	SSE	SE	SSE
19	SE	SE	ESE	SSE	ESE	E	SE	SE	SE	NNE	E	WNW	WNW	W	NW	N	NNE	NNE	NE	S	S	WNW	S	S	SE
20	SSE	ESE	SSE	SSE	SE	SE	SE	SE	SSE	ENE	NNW	NW	NNW	NNW	NW	WNW	WNW	WNW	SW	SSE	S	SSE	SSE	SSE	SSE
21	SSE	SE	SSE	SSE	SE	SSE	SSE	SE	E	SSW	NW	WNW	NW	NW	NW	NW	NW	WNW	SW	S	SSE	SSE	SSE	SE	SSE
22	SE	SSE	SSE	SE	E	ESE	E	E	ENE	NW	W	WNW	WNW	NNW	N	NW	W	N	SSE	SSE	SSE	SSE	SE	NNE	SSE
23	N	N	N	ENE	SSE	N	W	SSW	SSE	S	WSW	NW	W	W	WSW	W	W	WNW	WNW	W	SE	S	SSE	S	W
24	SSE	SSE	SSE	ESE	E	ENE	E	SSE	SE	N	N	N	N	N	N	NNW	NNE	NE	ENE	ESE	S	SSE	SSE	SSE	SSE
25	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SE	SSE	NW	N	N	NNW	NW	NW	NW	NNW	N	SE	SSE	SSE	SSE	SSE	SSE
26	SSE	SE	ESE	SE	SSE	SE	SSE	SE	ESE	E	NNW	NW	NW	WNW	NE	E	SSE	SSE	S	S	SSE	S	S	SSE	SSE
27	SSE	SSE	SE	SSE	SSE	SSE	SE	S	WSW	NNW	NW	WNW	W	W	W	SSE	SE	S	S	S	S	S	S	S	SSE
28	SSE	SSE	SSE	SE	SSE	SSE	SE	SE	S	W	W	W	W	NNW	NNW	W	NE	SSW	E	SSE	SSE	SSE	S	SSE	SSE
PV	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	ESE	[VA]	NW	WNW	W	[VA]	NW	NW	WNW	NW	E	SSE	SSE	SSE	SSE	SSE	SSE

WNOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	163	154	159	156	110	111	132	134	91	32	302	279	281	265	193	244	195	191	200	204	223	206	219	228	10
2	221	209	189	246	191	154	137	141	169	182	227	230	216	223	215	221	147	9	132	82	66	79	34	344	11
3	0	90	149	166	159	338	279	191	185	347	247	21	129	146	201	13	9	359	25	347	10	37	182	206	1
4	152	129	105	164	167	172	182	177	147	132	125	269	268	256	282	283	277	275	281	279	325	270	138	164	8
5	167	163	173	161	187	171	176	149	303	282	341	77	346	327	337	356	348	332	207	166	237	173	165	171	9
6	176	175	176	172	169	156	148	143	138	161	270	275	291	276	287	297	300	325	15	153	162	146	124	180	8
7	134	147	141	139	151	138	135	119	68	333	83	33	330	267	288	287	310	51	283	157	141	161	158	147	7
8	153	135	137	145	162	114	133	89	25	137	289	285	283	316	277	300	357	166	213	201	162	170	166	168	8
9	173	169	179	171	175	169	170	86	33	42	344	280	275	289	272	273	263	246	219	186	98	73	112	115	9
10	41	355	0	101	151	155	150	137	281	282	261	293	256	341	277	247	239	213	212	247	294	133	172	165	[VA]
11	169	170	158	189	129	124	150	141	69	83	167	178	188	184	179	184	195	196	193	199	200	189	201	193	9
12	195	202	237	273	269	267	260	269	273	273	284	290	284	285	289	287	298	296	315	5	43	159	168	153	14
13	157	118	149	158	155	137	107	123	139	269	312	332	298	317	300	315	345	334	306	161	160	155	139	150	8
14	140	144	139	123	113	136	149	117	43	322	269	261	342	178	179	175	172	171	146	185	165	179	182	104	7
15	221	123	185	283	93	134	159	211	169	225	223	238	255	237	243	220	199	239	228	194	186	160	140	194	11
16	0	75	96	144	159	180	219	164	171	176	171	184	186	186	178	206	197	227	212	256	308	35	50	308	9
17	77	179	191	187	178	279	106	95	10	318	296	290	251	229	223	221	203	202	173	127	77	133	148	128	9
18	157	151	145	117	142	132	132	97	68	166	176	178	163	168	181	190	191	222	272	272	311	51	285	237	8
19	206	164	190	179	156	151	179	176	273	269	253	269	253	250	275	273	279	281	278	271	267	260	245	180	13
20	192	200	163	178	160	158	164	137	284	278	274	262	267	291	310	311	324	326	317	308	283	266	246	140	[VA]
21	148	154	159	154	153	162	147	147	273	278	316	304	290	283	322	292	302	187	166	151	157	181	174	163	8
22	167	160	159	143	149	144	145	140	264	342	334	323	345	271	302	283	273	324	357	123	236	269	258	162	7
23	165	165	161	141	141	165	168	168	254	278	253	261	260	271	290	306	279	323	359	90	159	159	158	157	8
24	140	145	132	133	131	194	172	160	159	213	260	313	287	291	286	283	322	324	329	303	293	346	66	71	14
25	76	88	71	96	77	104	163	135	284	300	251	280	302	266	284	291	313	339	15	73	150	150	134	126	14
26	138	84	57	334	68	107	229	86	84	142	145	97	33	345	338	354	336	1	213	92	107	129	175	194	5
27	188	188	158	136	169	167	186	163	159	352	284	276	313	264	252	229	235	229	158	157	166	161	131	153	8
28	137	161	138	139	154	155	157	152	149	184	182	181	184	184	173	181	191	190	178	203	207	162	135	180	8
29	202	199	215	210	280	305	215	310	305	35	250	160	200	285	235	202	210	255	275	265	260	245	155	130	10
30	130	85	85	105	145	326	216	240	255	265	255	250	265	275	271	270	268	274	278	283	107	156	155	146	13
31	129	129	133	72	122	146	208	95	2	290	280	208	271	218	240	213	207	198	182	183	182	176	174	166	9
PV	8	8	8	8	8	8	8	7	[VA]	14	13	13	13	13	14	14	10	[VA]	10	8	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SSE	SSE	ESE	ESE	SE	SE	E	NNE	WNW	W	W	W	SSW	WSW	SSW	S	SSW	SSW	SW	SSW	SW	SW	SSW
2	SW	SSW	S	WSW	S	SSE	SE	SE	S	S	SW	SW	SW	SW	SW	SW	SSE	N	SE	E	ENE	E	NE	NNW	SW
3	N	E	SSE	SSE	SSE	NNW	W	S	S	NNW	WSW	NNE	SE	SE	SSW	NNE	N	N	NNE	NNW	N	NE	S	SSW	N
4	SSE	SE	ESE	SSE	SSE	S	S	S	SSE	SE	SE	W	W	WSW	WNW	WNW	W	W	W	W	NW	W	SE	SSE	SSE
5	SSE	SSE	S	SSE	S	S	S	SSE	WNW	WNW	NNW	ENE	NNW	NNW	NNW	N	NNW	NNW	SSW	SSE	WSW	S	SSE	S	S
6	S	S	S	S	S	SSE	SSE	SE	SE	SSE	W	W	WNW	W	WNW	WNW	WNW	NW	NNE	SSE	SSE	SE	SE	S	SSE
7	SE	SSE	SE	SE	SSE	SE	SE	ESE	ENE	NNW	E	NNE	NNW	W	WNW	WNW	NW	NE	WNW	SSE	SE	SSE	SSE	SSE	SE
8	SSE	SE	SE	SE	SSE	ESE	SE	E	NNE	SE	WNW	WNW	WNW	NW	W	WNW	N	SSE	SSW	SSW	SSE	S	SSE	SSE	SSE
9	S	S	S	S	S	S	S	E	NNE	NE	NNW	W	W	WNW	W	W	W	WSW	SW	S	E	ENE	ESE	ESE	S
10	NE	N	N	E	SSE	SSE	SSE	SE	W	WNW	W	WNW	WSW	NNW	W	WSW	WSW	SSW	SSW	WSW	WNW	SE	S	SSE	[VA]
11	S	S	SSE	S	SE	SE	SSE	SE	E	E	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW	S
12	SSW	SSW	WSW	W	W	W	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	N	NE	SSE	SSE	SSE	WNW
13	SSE	ESE	SSE	SSE	SSE	SE	ESE	ESE	SE	W	NW	NNW	WNW	NW	WNW	NW	NNW	NNW	NW	SSE	SSE	SSE	SE	SSE	SSE
14	SE	SE	SE	ESE	ESE	SE	SSE	ESE	NE	NW	W	W	NNW	S	S	S	S	S	SE	S	SSE	S	S	ESE	SE
15	SW	ESE	S	WNW	E	SE	SSE	SSW	S	SW	SW	WSW	WSW	WSW	WSW	SW	SSW	WSW	SW	SSW	S	SSE	SE	SSW	SW
16	N	ENE	E	SE	SSE	S	SW	SSE	S	S	S	S	S	S	S	SSW	SSW	SW	SSW	WSW	NW	NE	NE	NW	S
17	ENE	S	S	S	S	W	ESE	E	N	NW	WNW	WNW	WSW	SW	SW	SW	SSW	SSW	S	SE	ENE	SE	SSE	SE	S
18	SSE	SSE	SE	ESE	SE	SE	SE	E	ENE	SSE	S	S	SSE	SSE	S	S	S	SW	W	W	NW	NE	WNW	WSW	SSE
19	SSW	SSE	S	S	SSE	SSE	S	S	W	W	WSW	W	WSW	WSW	W	W	W	W	W	W	W	W	WSW	S	W
20	SSW	SSW	SSE	S	SSE	SSE	SSE	SE	WNW	W	W	W	W	WNW	NW	NW	NW	NW	NW	NW	WNW	W	WSW	SE	[VA]
21	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	W	W	NW	NW	WNW	WNW	NW	WNW	WNW	S	SSE	SSE	SSE	S	S	SSE	SSE
22	SSE	SSE	SSE	SE	SSE	SE	SE	SE	W	NNW	NNW	NW	NNW	W	WNW	WNW	W	NW	N	ESE	SW	W	WSW	SSE	SE
23	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	WSW	W	WSW	W	W	W	WNW	NW	W	NW	N	E	SSE	SSE	SSE	SSE	SSE
24	SE	SE	SE	SE	SE	SSW	S	SSE	SSE	SSW	W	NW	WNW	WNW	WNW	WNW	NW	NW	NNW	WNW	WNW	NNW	ENE	ENE	WNW
25	ENE	E	ENE	E	ENE	ESE	SSE	SE	WNW	WNW	WSW	W	WNW	W	WNW	WNW	NW	NNW	NNE	ENE	SSE	SSE	SE	SE	WNW
26	SE	E	ENE	NNW	ENE	ESE	SW	E	E	SE	SE	E	NNE	NNW	NNW	N	NNW	N	SSW	E	ESE	SE	S	SSW	E
27	S	S	SSE	SE	S	SSE	S	SSE	SSE	N	WNW	W	NW	W	WSW	SW	SW	SW	SSE	SSE	SSE	SSE	SE	SSE	SSE
28	SE	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSE	SE	S	SSE
29	SSW	SSW	SW	SSW	W	NW	SW	NW	NW	NE	WSW	SSE	SSW	WNW	SW	SSW	SSW	WSW	W	W	W	WSW	SSE	SSE	SSW
30	SE	E	E	ESE	SE	NW	SW	WSW	WSW	W	WSW	WSW	W	W	W	W	W	W	W	WNW	ESE	SSE	SSE	SE	W
31	SE	SE	SE	ENE	ESE	SE	SSW	E	N	WNW	W	SSW	W	SW	WSW	SSW	SSW	SSW	S	S	S	S	S	SSE	S
PV	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	[VA]	WNW	W	W	W	W	WNW	WNW	SSW	[VA]	SSW	SSE	SSE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [DC:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	171	158	164	190	182	181	224	157	172	184	185	188	185	188	189	198	191	200	205	200	218	247	222	206	9
2	257	261	246	241	239	262	278	266	274	266	260	268	273	270	262	270	268	255	256	281	261	105	156	153	13
3	138	163	160	154	162	190	185	146	343	298	302	283	270	288	246	244	254	250	239	188	180	192	187	180	9
4	179	183	207	147	206	111	133	130	37	227	235	229	251	260	277	289	288	282	284	278	271	279	274	283	13
5	258	203	194	164	168	161	120	84	7	317	302	291	337	315	27	314	355	0	29	23	27	67	145	169	1
6	173	272	163	161	144	128	134	141	74	345	293	284	289	265	228	220	196	193	221	301	164	313	97	143	7
7	156	92	86	234	268	317	294	334	35	45	276	276	2	22	40	329	54	70	61	101	151	145	273	176	3
8	168	169	169	166	168	164	145	88	89	262	262	267	264	273	256	260	268	283	287	290	294	280	291	280	13
9	262	232	179	162	158	148	140	126	39	291	282	290	281	268	297	290	331	11	35	55	85	127	185	178	14
10	169	178	169	146	143	127	128	95	289	281	304	322	325	300	312	305	290	256	19	199	163	154	165	174	15
11	136	263	184	273	200	218	161	57	263	249	286	294	289	233	200	191	214	203	210	47	163	195	213	212	10
12	220	218	218	293	259	184	174	126	73	355	347	345	314	315	315	308	318	315	331	349	101	155	160	159	15
13	156	144	167	158	155	156	128	79	342	323	311	304	325	289	339	297	263	247	211	186	165	173	159	166	8
14	190	270	343	352	8	70	68	91	342	293	305	290	262	272	256	275	262	285	320	304	154	168	163	148	13
15	161	158	156	27	113	149	163	193	258	283	287	294	306	311	321	302	300	302	302	314	334	302	318	107	14
16	83	73	90	82	79	77	87	80	74	63	72	347	350	3	2	298	314	24	318	10	142	167	162	161	5
17	165	162	161	157	160	148	140	82	330	266	315	300	281	286	299	325	303	308	289	192	169	153	166	174	8
18	173	157	145	154	156	163	145	94	297	277	293	298	295	299	304	304	310	295	306	305	298	293	338	355	14
19	3	355	335	338	138	162	165	209	80	264	336	250	285	21	37	23	3	2	15	44	57	56	69	59	1
20	55	45	32	359	20	9	43	59	67	63	70	335	11	2	350	0	21	43	61	41	37	29	39	307	3
21	339	337	163	334	315	159	167	269	359	41	59	66	73	97	76	76	59	68	74	76	93	121	166	166	4
22	155	174	183	180	177	174	169	242	306	289	345	295	278	326	326	325	325	320	319	301	152	175	184	196	[VA]
23	186	245	174	169	167	146	128	138	166	174	165	143	156	193	260	226	196	195	180	169	190	174	202	155	9
24	166	164	175	171	181	171	142	116	293	326	269	271	328	333	329	324	333	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[VA]
25	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
26	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
27	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
28	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
29	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
30	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
PV	8	8	9	8	8	8	8	5	4	14	14	14	14	14	15	14	14	14	15	[VA]	8	8	9	9	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [DD:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	SSE	SSE	S	S	S	SW	SSE	S	S	S	S	S	S	S	SSW	S	SSW	SSW	SSW	SW	WSW	SW	SSW	S
2	WSW	W	WSW	WSW	WSW	W	W	W	W	W	W	W	W	W	W	W	W	WSW	W8W	W	W	ESE	SSE	SSE	W
3	SE	SSE	SSE	SSE	SSE	S	S	SE	NNW	WNW	WNW	WNW	W	WNW	WSW	WSW	WSW	WSW	WSW	S	S	SSW	S	S	S
4	S	S	SSW	SSE	SSW	ESE	SE	SE	NE	SW	SW	SW	WSW	W	W	WNW	WNW	WNW	WNW	W	W	W	W	WNW	W
5	WSW	SSW	SSW	SSE	SSE	SSE	ESE	E	N	NW	WNW	WNW	NNW	NW	NNE	NW	N	N	NNE	NNE	NNE	ENE	SE	S	N
6	S	W	SSE	SSE	SE	SE	SE	SE	ENE	NNW	WNW	WNW	WNW	W	SW	SW	SSW	SSW	SW	WNW	SSE	NW	E	SE	SE
7	SSE	E	E	SW	W	NW	WNW	NNW	NE	NE	W	W	N	NNE	NE	NNW	NE	ENE	ENE	E	SSE	SE	W	S	NE
8	SSE	S	S	SSE	SSE	SSE	SE	E	E	W	W	W	W	W	WSW	W	W	WNW	WNW	WNW	WNW	W	WNW	W	W
9	W	SW	S	SSE	SSE	SSE	SE	SE	NE	WNW	WNW	WNW	W	W	WNW	WNW	NNW	N	NE	NE	E	SE	S	S	WNW
10	S	S	S	SE	SE	SE	SE	E	WNW	W	NW	NW	NW	WNW	NW	NW	WNW	WSW	NNE	SSW	SSE	SSE	SSE	S	NW
11	SE	W	S	W	SSW	SW	SSE	ENE	W	WSW	WNW	WNW	WNW	SW	SSW	S	SW	S8W	SSW	NE	SSE	SSW	SSW	SSW	SSW
12	SW	SW	SW	WNW	W	S	S	SE	ENE	N	NNW	NNW	NW	NW	NW	NW	NW	NW	NNW	N	E	SSE	SSE	SSE	NW
13	SSE	SE	SSE	SSE	SSE	SSE	SE	E	NNW	NW	NW	NW	NW	WNW	NNW	WNW	W	WSW	SSW	S	SSE	S	SSE	SSE	SSE
14	S	W	NNW	N	N	ENE	ENE	E	NNW	WNW	NW	WNW	W	W	WSW	W	W	WNW	NW	NW	SSE	SSE	SSE	SSE	W
15	SSE	SSE	SSE	NNE	ESE	SSE	SSE	SSW	WSW	WNW	WNW	WNW	NW	NW	NW	WNW	WNW	WNW	WNW	NW	NNW	WNW	NW	ESE	WNW
16	E	ENE	E	E	E	ENE	E	E	ENE	ENE	ENE	NNW	N	N	N	WNW	NW	NNE	NW	N	SE	SSE	SSE	SSE	E
17	SSE	SSE	SSE	SSE	SSE	SSE	SE	E	NNW	W	NW	WNW	W	WNW	WNW	NW	WNW	NW	WNW	SSW	S	SSE	SSE	S	SSE
18	S	SSE	SE	SSE	SSE	SSE	SE	E	WNW	W	WNW	WNW	WNW	WNW	NW	NW	NW	WNW	NW	NW	WNW	WNW	NNW	N	WNW
19	N	N	NNW	NNW	SE	SSE	SSE	SSW	E	W	NNW	WSW	WNW	NNE	NE	NNE	N	N	NNE	NE	ENE	NE	ENE	ENE	N
20	NE	NE	NNE	N	NNE	N	NE	ENE	ENE	ENE	ENE	NNW	N	N	N	N	NNE	NE	ENE	NE	NE	NNE	NE	NW	NE
21	NNW	NNW	SSE	NNW	NW	SSE	SSE	W	N	NE	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE	ENE	ENE	E	ESE	SSE	SSE	ENE
22	SSE	S	S	S	S	S	S	WSW	NW	WNW	NNW	WNW	W	NW	NW	NW	NW	NW	NW	WNW	SSE	S	S	SSW	[VA]
23	S	WSW	S	S	SSE	SE	SE	SE	SSE	S	SSE	SE	SSE	SSW	W	SW	SSW	SSW	S	S	S	S	SSW	SSE	S
24	SSE	SSE	S	S	S	S	SE	ESE	WNW	NW	W	W	NNW	NNW	NNW	NW	NNW	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
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WNOUT -- DU004 <811027.1411>

WIND DIRECTION [CC:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
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QHOUT -- QU001 <811111.1750>

WIND DIRECTION [CC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

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WIND DIRECTION [CC:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IMI	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IMI	[IM]	[IM]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
10	[IMI	[IMI	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IMI	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IMI	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
13	[IM]	[IM]	[IM]	[IMI	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IMI	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IMI	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IMI	[IMI	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[I
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	140	174	209	275	302	287	70	143	189	141	153	162	8
24	168	155	145	141	85	119	127	292	269	289	293	305	278	209	300	313	314	344	349	35	134	160	154	155	7
25	168	151	153	160	157	145	154	51	306	306	95	130	329	351	112	49	51	97	98	85	87	124	138	147	8
26	18	17	22	21	20	21	16	18	11	310	12	58	265	352	239	179	40	17	10	17	12	9	25	28	2
27	152	149	157	151	160	153	126	26	326	356	301	285	309	327	284	240	76	330	138	177	166	158	150	150	8
28	139	117	94	113	143	158	72	11	357	15	203	185	169	194	189	190	194	203	202	213	192	168	159	155	10
29	178	156	140	182	172	174	165	170	191	190	205	199	202	198	170	174	199	208	205	208	168	167	160	155	9
30	167	155	154	177	160	177	190	148	163	155	145	148	177	156	225	198	48	41	40	48	140	164	146	154	8
PV	8	8	8	8	8	8	8	2	[VA]	15	[VA]	7	9	10	9	9	3	[VA]	[VA]	[VA]	8	8	8	8	8

QNOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
2	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
3	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
4	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
5	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
6	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
7	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
8	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
9	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
10	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
11	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
12	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
13	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
14	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
15	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
16	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
17	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
18	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
19	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
20	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
21	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
22	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]
23	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	SE	S	SSW	W	WNW	WNW	ENE	SE	S	SE	SSE	SSE	SSE
24	SSE	SSE	SE	SE	E	ESE	SE	WNW	W	WNW	WNW	NW	W	SSW	WNW	NW	NW	NNW	N	NE	SE	SSE	SSE	SSE	SE
25	SSE	SSE	SSE	SSE	SSE	SE	SSE	NE	NW	NW	E	SE	NNW	N	ESE	NE	NE	E	E	E	E	SE	SE	SSE	SSE
26	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NW	NNE	ENE	W	N	WSW	S	NE	NNE	N	NNE	NNE	N	NNE	NNE	NNE
27	SSE	SSE	SSE	SSE	SSE	SSE	SE	NNE	NW	N	WNW	WNW	NW	NNW	WNW	WSW	ENE	NNW	SE	S	SSE	SSE	SSE	SSE	SSE
28	SE	ESE	E	ESE	SE	SSE	ENE	N	N	NNE	SSW	S	S	SSW	S	S	SSW	SSW	SSW	SSW	SSW	SSE	SSE	SSE	SSW
29	S	SSE	SE	S	S	S	SSE	S	S	S	SSW	SSW	SSW	SSW	S	S	SSW	SSW	SSW	SSW	SSE	SSE	SSE	SSE	S
30	SSE	SSE	SSE	S	SSE	S	S	SSE	SSE	SSE	SE	SSE	S	SSE	SW	SSW	NE	NE	NE	NE	SE	SSE	SE	SSE	SSE
PV	SSE	SSE	SSE	SSE	SSE	SSE	SSE	NNE	[VA]	NW	[VA]	SE	S	SSW	S	S	NE	[VA]	[VA]	[VA]	SSE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	164	153	160	159	155	158	181	182	189	183	192	192	199	199	224	229	224	233	221	235	218	273	270	173	[VA]
2	183	164	162	155	156	144	137	98	327	320	317	301	331	302	262	249	261	268	267	262	213	158	186	173	8
3	218	154	161	141	155	150	77	75	331	338	327	341	311	224	191	183	184	193	197	196	198	158	165	149	8
4	161	164	158	95	270	254	112	26	18	202	188	179	179	191	203	196	221	197	220	277	298	291	297	228	9
5	156	162	159	52	306	160	211	295	286	303	291	300	297	314	303	302	298	299	268	113	80	103	158	141	14
6	150	156	173	171	165	144	134	86	331	315	289	322	293	275	285	293	310	52	54	64	133	156	154	157	8
7	172	147	154	155	155	148	111	11	346	302	312	306	306	299	329	160	171	148	189	179	165	167	171	247	8
8	304	256	238	177	183	177	164	162	351	21	65	318	340	111	159	144	167	239	237	101	60	14	16	15	8
9	18	21	15	15	16	17	15	28	55	301	297	277	287	322	290	337	287	283	290	321	4	351	271	185	[VA]
10	169	161	170	168	158	165	158	52	304	291	0	303	325	240	317	10	318	318	359	15	49	128	172	161	8
11	171	206	165	160	163	170	148	174	171	3	355	355	351	353	215	309	0	285	152	60	129	170	168	152	8
12	173	169	160	149	152	149	142	74	279	84	334	313	281	295	308	311	329	328	297	221	168	164	159	163	8
13	170	155	153	214	69	143	131	148	266	304	320	335	346	176	138	310	25	42	54	94	125	136	78	82	8
14	183	166	203	155	168	165	158	58	8	336	265	275	302	305	307	283	159	39	307	310	31	155	170	162	8
15	166	160	171	242	163	167	138	112	5	90	198	323	11	248	229	234	263	213	215	198	189	170	237	199	10
16	169	188	168	146	133	125	100	357	321	294	258	227	240	248	249	271	266	245	267	268	326	155	165	162	12
17	170	162	287	277	200	187	192	203	219	229	240	251	257	261	265	246	266	265	320	319	341	137	170	157	12
18	137	161	163	161	158	167	167	196	305	298	297	299	336	318	322	339	244	298	291	306	308	248	259	164	14
19	170	122	149	153	166	158	162	317	306	325	359	284	348	349	308	306	40	48	42	20	9	15	36	29	15
20	159	[PF]	146	136	153	152	123	313	290	323	54	80	330	310	200	150	305	355	30	30	335	65	140	160	8
21	155	165	150	150	140	145	130	110	305	305	310	330	265	234	268	266	275	263	200	175	255	192	125	159	8
22	155	192	109	187	167	96	177	177	351	310	301	27	50	343	225	287	296	285	274	319	128	153	165	200	8
23	186	171	177	203	133	199	138	155	90	101	185	215	221	250	237	268	289	294	269	298	297	175	267	69	9
24	185	155	157	153	183	102	147	126	147	70	280	289	284	298	278	40	241	175	206	157	162	200	182	181	9
25	184	179	159	161	155	164	101	260	280	286	324	344	311	249	278	354	212	140	347	10	71	78	77	28	8
26	58	75	94	125	190	160	151	271	113	297	287	282	285	305	225	195	213	270	40	71	78	168	259	120	14
27	164	181	282	268	252	13	33	274	156	266	301	329	271	262	215	195	105	301	303	323	238	177	168	143	13
28	155	175	176	163	151	165	166	174	216	296	278	269	143	167	220	24	57	193	62	156	122	37	113	165	8
29	175	170	167	159	152	170	157	157	40	25	43	4	351	346	347	344	344	324	314	23	58	69	67	112	[VA]
30	24	91	96	107	158	159	153	210	19	54	16	39	55	343	286	296	329	323	334	37	50	107	169	165	3
31	171	162	165	160	163	159	152	124	286	289	297	293	316	212	3	295	341	286	206	121	144	157	159	160	8
PV	8	9	8	8	8	8	7	9	15	15	14	15	[VA]	15	[VA]	14	14	14	13	15	7	8	8	8	9

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	W	W	S	[VA]
2	S	SSE	SSE	SSE	SSE	SE	SE	E	NNW	NW	NW	WNW	NNW	WNW	W	WSW	W	W	W	W	SSW	SSE	S	S	SSE
3	SW	SSE	SSE	SE	SSE	SSE	ENE	ENE	NNW	NNW	NNW	NNW	NW	SW	S	S	S	SSW	SSW	SSW	SSW	SSE	SSE	SSE	SSE
4	SSE	SSE	SSE	E	W	WSW	ESE	NNE	NNE	SSW	S	S	S	S	SSW	SSW	SW	SSW	SW	W	WNW	WNW	WNW	SW	S
5	SSE	SSE	SSE	NE	NW	SSE	SSW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	W	ESE	E	ESE	SSE	SE	WNW
6	SSE	SSE	S	S	SSE	SE	SE	E	NNW	NW	WNW	NW	WNW	W	WNW	WNW	NW	NE	NE	ENE	SE	SSE	SSE	SSE	SSE
7	S	SSE	SSE	SSE	SSE	SSE	ESE	N	NNW	WNW	NW	NW	NW	WNW	NNW	SSE	S	SSE	S	S	SSE	SSE	S	WSW	SSE
8	NW	WSW	WSW	S	S	S	SSE	SSE	N	NNE	ENE	NW	NNW	ESE	SSE	SE	SSE	WSW	WSW	E	ENE	NNE	NNE	NNE	SSE
9	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	WNW	WNW	W	WNW	NW	WNW	NNW	WNW	WNW	WNW	NW	N	N	W	S	[VA]
10	S	SSE	S	SSE	SSE	SSE	SSE	NE	NW	WNW	N	WNW	NW	WSW	NW	N	NW	NW	N	NNE	NE	SE	S	SSE	SSE
11	S	SSW	SSE	SSE	SSE	S	SSE	S	S	N	N	N	N	N	SW	NW	N	WNW	SSE	ENE	SE	S	SSE	SSE	SSE
12	S	S	SSE	SSE	SSE	SSE	SE	ENE	W	E	NNW	NW	W	WNW	NW	NW	NNW	NNW	WNW	SW	SSE	SSE	SSE	SSE	SSE
13	S	SSE	SSE	SW	ENE	SE	SE	SSE	W	NW	NW	NNW	NNW	S	SE	NW	NNE	NE	NE	E	SE	SE	ENE	E	SSE
14	S	SSE	SSW	SSE	SSE	SSE	SSE	ENE	N	NNW	W	W	WNW	NW	NW	WNW	SSE	NE	NW	NW	NNE	SSE	S	SSE	SSE
15	SSE	SSE	S	WSW	SSE	SSE	SE	ESE	N	E	SSW	NW	N	WSW	SW	SW	W	SSW	SW	SSW	S	S	WSW	SSW	SSW
16	S	S	SSE	SE	SE	SE	E	N	NW	WNW	WSW	SW	WSW	WSW	WSW	W	W	WSW	W	W	NW	SSE	SSE	SSE	WSW
17	S	SSE	WNW	W	SSW	S	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	WSW	W	W	NW	NW	NNW	SE	S	SSE	WSW
18	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSW	NW	WNW	WNW	WNW	NNW	NW	NW	NNW	WSW	WNW	WNW	NW	NW	WSW	W	SSE	WNW
19	S	ESE	SSE	SSE	SSE	SSE	SSE	NW	NW	NW	N	WNW	NNW	N	NW	NW	NE	NE	NE	NNE	N	NNE	NE	NNE	NW
20	SSE	[PF]	SE	SE	SSE	SSE	ESE	NW	WNW	NW	NE	E	NNW	NW	SSW	SSE	NW	N	NNE	NNE	NNW	ENE	SE	SSE	SSE
21	SSE	SSE	SSE	SSE	SE	SE	SE	ESE	NW	NW	NW	NNW	W	SW	W	W	W	W	SSW	S	WSW	SSW	SE	SSE	SSE
22	SSE	SSW	ESE	S	SSE	E	S	S	N	NW	WNW	NNE	NE	NNW	SW	WNW	WNW	WNW	W	NW	SE	SSE	SSE	SSW	SSE
23	S	S	S	SSW	SE	SSW	SE	SSE	E	E	S	SW	SW	WSW	WSW	W	WNW	WNW	W	WNW	WNW	S	W	ENE	S
24	S	SSE	SSE	SSE	S	ESE	SSE	SE	SSE	ENE	W	WNW	WNW	WNW	W	NE	WSW	S	SSW	SSE	SSE	SSW	S	S	S
25	S	S	SSE	SSE	SSE	SSE	E	W	W	WNW	NW	NNW	NW	WSW	W	N	SSW	SE	NNW	N	ENE	ENE	ENE	NNE	SSE
26	ENE	ENE	E	SE	S	SSE	SSE	W	ESE	WNW	WNW	WNW	WNW	NW	SW	SSW	SSW	W	NE	ENE	ENE	SSE	W	ESE	WNW
27	SSE	S	WNW	W	WSW	NNE	NNE	W	SSE	W	WNW	NNW	W	W	SW	SSW	ESE	WNW	WNW	NW	WSW	S	SSE	SE	W
28	SSE	S	S	SSE	SSE	SSE	SSE	S	SW	WNW	W	W	SE	SSE	SW	NNE	ENE	SSW	ENE	SSE	ESE	NE	ESE	SSE	SSE
29	S	S	SSE	SSE	SSE	S	SSE	SSE	NE	NNE	NE	N	N	NNW	NNW	NNW	NNW	NW	NW	NNE	ENE	ENE	ENE	ESE	[VA]
30	NNE	E	E	ESE	SSE	SSE	SSE	SSW	NNE	NE	NNE	NE	NE	NNW	WNW	WNW	NNW	NW	NNW	NE	NE	ESE	S	SSE	NE
31	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	WNW	WNW	WNW	WNW	NW	SSW	N	WNW	NNW	WNW	SSW	ESE	SE	SSE	SSE	SSE	SSE
PV	SSE	S	SSE	SSE	SSE	SSE	SE	S	NW	NW	WNW	NW	[VA]	NW	[VA]	WNW	WNW	WNW	W	NW	SE	SSE	SSE	SSE	S

WHOUT -- DU004 <811027.1411>

WIND DIRECTION [LC:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	130	158	151	163	137	159	156	97	24	359	305	299	286	191	171	190	185	200	216	194	183	185	218	240	9
2	201	204	243	242	153	145	158	156	184	268	261	295	291	213	194	251	259	80	92	141	156	156	163	160	8
3	212	198	187	159	165	168	179	177	182	223	233	262	301	208	156	150	166	195	175	194	185	157	181	144	9
4	144	164	152	140	156	151	147	66	30	356	309	318	303	299	[VA]	217	281	284	251	253	210	148	160	161	8
5	174	171	163	161	156	155	158	123	38	354	328	327	349	300	293	324	319	323	347	1	42	161	168	189	8
6	174	166	169	152	156	150	157	123	1	300	295	351	337	303	303	270	286	283	306	308	197	159	164	163	8
7	170	116	85	164	129	138	145	105	336	338	298	284	323	269	170	154	342	110	175	32	78	168	164	176	8
8	164	185	167	183	194	153	168	168	182	205	219	201	224	292	281	290	289	291	274	165	165	168	163	121	8
9	343	78	87	152	153	166	163	203	307	311	313	289	293	288	143	163	152	165	161	165	162	158	160	158	8
10	170	155	157	163	139	163	193	114	100	79	64	14	314	272	180	174	287	308	326	72	168	159	165	186	8
11	190	183	196	185	157	142	164	178	232	184	186	178	171	173	178	288	90	102	95	115	139	74	115	139	9
12	103	262	310	161	167	49	53	56	10	353	305	288	290	287	295	163	183	200	187	169	160	163	325	322	14
13	295	300	124	244	163	182	159	175	161	135	55	328	298	347	8	163	154	208	41	352	341	143	156	156	8
14	159	157	145	145	358	61	68	309	299	3	314	301	301	289	280	298	316	336	304	215	235	148	162	153	14
15	160	145	143	136	138	161	154	107	330	304	308	302	281	222	174	181	115	23	162	152	231	169	180	156	8
16	215	168	159	162	164	164	165	154	73	308	315	297	296	286	224	195	156	184	243	247	236	177	170	163	9
17	147	145	140	156	155	149	118	134	49	313	314	331	319	178	133	147	121	89	154	172	157	139	156	160	8
18	171	165	202	183	139	86	331	250	266	300	346	295	298	287	312	169	253	281	272	280	184	176	170	172	13
19	175	161	146	140	144	152	146	130	51	301	314	325	287	272	155	350	192	309	150	148	154	159	159	154	8
20	159	173	139	96	139	148	155	93	351	281	297	293	274	276	270	282	322	337	39	68	281	286	306	167	13
21	170	286	264	165	169	200	150	138	47	338	319	303	291	327	281	177	167	167	107	102	163	199	170	165	9
22	171	166	170	163	152	164	162	160	299	55	332	344	309	335	291	160	162	169	159	168	168	164	160	153	8
23	173	146	120	123	132	157	160	139	24	307	305	306	298	285	269	214	231	202	181	162	171	179	127	157	8
24	175	170	183	158	109	86	108	67	68	51	44	21	6	345	322	270	329	191	190	166	168	175	162	149	9
25	172	165	147	185	101	159	193	212	194	196	188	175	177	187	191	176	177	175	174	174	178	178	172	223	9
26	185	125	197	180	152	152	158	147	133	145	201	196	190	168	169	163	257	262	182	171	226	258	258	187	9
27	170	174	190	150	144	155	152	135	306	325	283	283	280	292	258	248	228	235	187	162	164	167	165	166	8
28	165	161	155	155	151	117	122	98	62	286	230	212	254	275	140	140	105	271	213	318	57	145	156	169	8
29	341	329	43	151	109	46	338	184	292	332	313	315	325	5	302	52	60	31	66	348	211	152	163	168	16
30	209	156	157	151	152	150	157	97	12	335	320	298	300	291	123	263	245	255	251	223	158	175	154	157	8
31	164	151	160	158	125	161	162	97	50	331	306	294	289	306	258	279	273	307	304	235	171	168	174	174	8
PV	9	8	8	8	7	8	8	6	3	15	15	15	14	14	13	8	8	9	9	9	9	8	8	8	8

QHOUT -- QU001 <811111.1750>

WIND DIRECTION [DC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	SSE	SSE	SSE	SE	SSE	SSE	E	NNE	N	NW	WNW	WNW	S	S	S	S	SSW	SW	SSW	S	S	SW	WSW	S
2	SSW	SSW	WSW	WSW	SSE	SE	SSE	SSE	S	W	W	WNW	WNW	SSW	SSW	WSW	W	E	E	SE	SSE	SSE	SSE	SSE	SSE
3	SSW	SSW	S	SSE	SSE	SSE	S	S	S	SW	SW	W	WNW	SSW	SSE	SSE	SSE	SSW	S	SSW	S	SSE	S	SE	S
4	SE	SSE	SSE	SE	SSE	SSE	SSE	ENE	NNE	N	NW	NW	WNW	WNW	[VA]	SW	W	WNW	WSW	WSW	SSW	SSE	SSE	SSE	SSE
5	S	S	SSE	SSE	SSE	SSE	SSE	ESE	NE	N	NNW	NNW	N	WNW	WNW	NW	NW	NW	NNW	N	NE	SSE	SSE	S	SSE
6	S	SSE	S	SSE	SSE	SSE	SSE	ESE	N	WNW	WNW	N	NNW	WNW	WNW	W	WNW	WNW	NW	NW	SSW	SSE	SSE	SSE	SSE
7	S	ESE	E	SSE	SE	SE	SE	ESE	NNW	NNW	WNW	WNW	NW	W	S	SSE	NNW	ESE	S	NNE	ENE	SSE	SSE	S	SSE
8	SSE	S	SSE	S	SSW	SSE	SSE	SSE	S	SSW	SW	SSW	SW	WNW	W	WNW	WNW	WNW	W	SSE	SSE	SSE	SSE	ESE	SSE
9	NNW	ENE	E	SSE	SSE	SSE	SSE	SSW	NW	NW	NW	WNW	WNW	WNW	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
10	S	SSE	SSE	SSE	SE	SSE	SSW	ESE	E	E	ENE	NNE	NW	W	S	S	WNW	NW	NW	ENE	SSE	SSE	SSE	S	SSE
11	S	S	SSW	S	SSE	SE	SSE	S	SW	S	S	S	S	S	S	WNW	E	ESE	E	ESE	SE	ENE	ESE	SE	S
12	ESE	W	NW	SSE	SSE	NE	NE	NE	N	N	NW	WNW	WNW	WNW	WNW	SSE	S	SSW	S	S	SSE	SSE	NW	NW	WNW
13	WNW	WNW	SE	WSW	SSE	S	SSE	S	SSE	SE	NE	NNW	WNW	NNW	N	SSE	SSE	SSW	NE	N	NNW	SE	SSE	SSE	SSE
14	SSE	SSE	SE	SE	N	ENE	ENE	NW	WNW	N	NW	WNW	WNW	WNW	W	WNW	NW	NNW	NW	SW	SW	SSE	SSE	SSE	WNW
15	SSE	SE	SE	SE	SE	SSE	SSE	ESE	NNW	NW	NW	WNW	W	SW	S	S	ESE	NNE	SSE	SSE	SW	S	S	SSE	SSE
16	SW	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ENE	NW	NW	WNW	WNW	WNW	SW	SSW	SSE	S	WSW	WSW	SW	S	S	SSE	S
17	SSE	SE	SE	SSE	SSE	SSE	ESE	SE	NE	NW	NW	NNW	NW	S	SE	SSE	ESE	E	SSE	S	SSE	SE	SSE	SSE	SSE
18	S	SSE	SSW	S	SE	E	NNW	WSW	W	WNW	NNW	WNW	WNW	WNW	NW	S	WSW	W	W	W	S	S	S	S	W
19	S	SSE	SE	SE	SE	SSE	SE	SE	NE	WNW	NW	NW	WNW	W	SSE	N	SSW	NW	SSE	SSE	SSE	SSE	SSE	SSE	SSE
20	SSE	S	SE	E	SE	SSE	SSE	E	N	W	WNW	WNW	W	W	W	WNW	NW	NNW	NE	ENE	W	WNW	NW	SSE	W
21	S	WNW	W	SSE	S	SSW	SSE	SE	NE	NNW	NW	WNW	WNW	NNW	W	S	SSE	SSE	ESE	ESE	SSE	SSW	S	SSE	S
22	S	SSE	S	SSE	SSE	SSE	SSE	SSE	WNW	NE	NNW	NNW	NW	NNW	WNW	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE
23	S	SE	ESE	ESE	SE	SSE	SSE	SE	NNE	NW	NW	NW	WNW	WNW	W	SW	SW	SSW	S	SSE	S	S	SE	SSE	SSE
24	S	S	S	SSE	ESE	E	ESE	ENE	ENE	NE	NE	NNE	N	NNW	NW	W	NNW	S	S	SSE	SSE	S	SSE	SSE	S
25	S	SSE	SSE	S	E	SSE	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	S
26	S	SE	SSW	S	SSE	SSE	SSE	SSE	SE	SE	SSW	SSW	S	SSE	S	SSE	WSW	W	S	S	SW	WSW	WSW	S	S
27	S	S	S	SSE	SE	SSE	SSE	SE	NW	NW	WNW	WNW	W	WNW	WSW	WSW	SW	SW	S	SSE	SSE	SSE	SSE	SSE	SSE
28	SSE	SSE	SSE	SSE	SSE	ESE	ESE	E	ENE	WNW	SW	SSW	WSW	W	SE	SE	ESE	W	SSW	NW	ENE	SE	SSE	S	SSE
29	NNW	NNW	NE	SSE	ESE	NE	NNW	S	WNW	NNW	NW	NW	NW	N	WNW	NE	ENE	NNE	ENE	NNW	SSW	SSE	SSE	SSE	NNW
30	SSW	SSE	SSE	SSE	SSE	SSE	SSE	E	NNE	NNW	NW	WNW	WNW	WNW	ESE	W	WSW	WSW	WSW	SW	SSE	S	SSE	SSE	SSE
31	SSE	SSE	SSE	SSE	SE	SSE	SSE	E	NE	NNW	NW	WNW	WNW	NW	WSW	W	W	NW	NW	SW	S	SSE	S	S	SSE
PV	S	SSE	SSE	SSE	SE	SSE	SSE	ESE	NE	NW	NW	NW	WNW	WNW	W	SSE	SSE	S	S	S	S	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [DD:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	176	171	157	162	156	153	149	152	311	339	288	281	271	253	289	287	292	44	76	93	159	186	149	161	8
2	174	162	156	152	156	172	176	155	290	283	286	285	315	281	265	276	297	334	9	162	162	160	149	149	8
3	163	156	157	147	155	159	140	138	77	6	313	304	312	294	282	304	297	312	265	170	158	168	148	163	8
4	150	148	142	161	118	113	109	59	62	2	297	287	300	282	290	296	255	257	196	236	167	143	154	154	8
5	140	136	155	171	163	189	176	151	188	271	164	131	198	344	293	155	162	165	164	153	159	155	156	146	8
6	139	136	157	165	154	153	149	136	107	309	302	302	323	321	299	283	240	315	276	81	184	261	198	161	[VA]
7	166	164	142	148	182	175	71	150	149	163	270	307	307	321	309	2	328	328	13	42	125	162	164	161	8
8	147	155	147	134	146	131	101	111	38	310	288	257	303	310	281	278	285	296	190	160	184	180	176	147	8
9	154	151	158	164	157	149	116	74	24	306	310	315	280	260	168	178	190	203	180	164	174	166	194	166	9
10	175	205	170	190	169	166	165	178	274	295	296	351	24	98	176	228	300	358	125	149	144	73	74	24	8
11	32	340	325	322	330	317	288	302	298	300	16	30	75	88	93	101	109	110	104	87	289	279	174	162	14
12	159	171	172	165	156	157	147	142	65	341	285	279	291	292	302	287	301	180	324	68	148	151	161	154	8
13	116	125	144	355	93	106	124	68	129	113	229	246	289	298	96	165	19	10	7	24	11	27	22	21	2
14	214	125	132	143	129	134	133	151	349	42	57	139	205	184	177	153	157	100	72	70	68	38	61	163	7
15	53	179	169	176	177	179	179	182	153	96	333	329	306	292	295	323	320	352	25	144	152	143	152	190	8
16	155	168	166	156	148	121	165	117	69	341	317	319	300	296	296	257	245	234	230	147	162	155	157	153	8
17	151	141	227	153	148	168	176	211	142	124	344	319	304	242	303	295	277	202	150	165	168	155	164	159	8
18	150	146	142	132	115	131	163	134	69	313	340	330	305	324	334	272	184	178	163	156	162	151	165	13	8
19	329	68	141	155	151	157	166	142	352	280	171	166	79	44	284	42	100	104	142	151	168	316	66	149	8
20	274	126	164	132	143	132	130	13	215	316	4	326	314	322	344	298	324	321	318	137	165	155	162	164	7
21	151	163	168	122	158	95	110	139	69	2	350	359	287	324	326	289	190	203	163	164	171	213	158	162	8
22	153	161	155	145	142	119	141	110	73	341	306	304	287	282	287	269	259	242	212	167	163	136	105	167	7
23	159	162	154	149	155	147	153	118	99	315	309	351	299	282	260	275	237	265	112	164	161	160	176	145	8
24	146	154	165	146	125	155	143	139	143	279	324	37	279	288	355	323	340	236	123	161	154	171	193	182	8
25	167	172	168	165	168	183	174	143	160	166	124	54	250	307	28	131	22	345	147	156	128	82	86	140	8
26	149	164	178	182	173	257	104	50	43	121	180	190	196	196	194	194	198	204	190	156	160	276	296	291	9
27	235	313	40	51	49	24	125	153	174	105	138	149	158	215	188	265	257	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	8
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
PV	8	8	8	8	8	8	8	7	4	15	15	15	14	14	14	14	14	10	8	8	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [DC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30.MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	S	SSE	SSE	SSE	SSE	SSE	SSE	NW	NNW	WNW	W	W	WSW	WNW	WNW	WNW	NE	ENE	E	SSE	S	SSE	SSE	SSE
2	S	SSE	SSE	SSE	SSE	S	S	SSE	WNW	WNW	WNW	WNW	NW	W	W	W	WNW	NNW	N	SSE	SSE	SSE	SSE	SSE	SSE
3	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	ENE	N	NW	NW	NW	WNW	WNW	NW	WNW	NW	W	S	SSE	SSE	SSE	SSE	SSE
4	SSE	SSE	SE	SSE	ESE	ESE	ESE	ENE	ENE	N	WNW	WNW	WNW	WNW	WNW	WNW	WSW	WSW	SSW	SW	SSE	SE	SSE	SSE	SSE
5	SE	SE	SSE	S	SSE	S	S	SSE	S	W	SSE	SE	SSW	NNW	WNW	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE
6	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	ESE	NW	WNW	WNW	NW	NW	WNW	WNW	WSW	NW	W	E	S	W	SSW	SSE	[VA]
7	SSE	SSE	SE	SSE	S	S	ENE	SSE	SSE	SSE	W	NW	NW	NW	NW	N	NNW	NNW	NNE	NE	SE	SSE	SSE	SSE	SSE
8	SSE	SSE	SSE	SE	SE	SE	E	ESE	NE	NW	WNW	WSW	WNW	NW	W	W	WNW	WNW	S	SSE	S	S	S	SSE	SSE
9	SSE	SSE	SSE	SSE	SSE	SSE	ESE	ENE	NNE	NW	NW	NW	W	W	SSE	S	S	SSW	S	SSE	S	SSE	SSW	SSE	S
10	S	SSW	S	S	S	SSE	SSE	S	W	WNW	WNW	N	NNE	E	S	SW	WNW	N	SE	SSE	SE	ENE	ENE	NNE	SSE
11	NNE	NNW	NW	NW	NNW	NW	WNW	WNW	WNW	WNW	NNE	NNE	ENE	E	E	E	ESE	ESE	ESE	E	WNW	W	S	SSE	WNW
12	SSE	S	S	SSE	SSE	SSE	SSE	SE	ENE	NNW	WNW	W	WNW	WNW	WNW	WNW	WNW	S	NW	ENE	SSE	SSE	SSE	SSE	SSE
13	ESE	SE	SE	N	E	ESE	SE	ENE	SE	ESE	SW	WSW	WNW	WNW	E	SSE	NNE	N	N	NNE	N	NNE	NNE	NNE	NNE
14	SW	SE	SE	SE	SE	SE	SE	SSE	N	NE	ENE	SE	SSW	S	S	SSE	SSE	E	ENE	ENE	ENE	NE	ENE	SSE	SE
15	NE	S	S	S	S	S	S	S	SSE	E	NNW	NNW	NW	WNW	WNW	NW	NW	N	NNE	SE	SSE	SE	SSE	S	SSE
16	SSE	SSE	SSE	SSE	SSE	ESE	SSE	ESE	ENE	NNW	NW	NW	WNW	WNW	WNW	WSW	WSW	SW	SW	SSE	SSE	SSE	SSE	SSE	SSE
17	SSE	SE	SW	SSE	SSE	SSE	S	SSW	SE	SE	NNW	NW	NW	WSW	WNW	WNW	W	SSW	SSE	SSE	SSE	SSE	SSE	SSE	SSE
18	SSE	SE	SE	SE	ESE	SE	SSE	SE	ENE	NW	NNW	NNW	NW	NW	NNW	W	S	S	SSE	SSE	SSE	SSE	SSE	NNE	SSE
19	NNW	ENE	SE	SSE	SSE	SSE	SSE	SE	N	W	S	SSE	E	NE	WNW	NE	E	ESE	SE	SSE	SSE	NW	ENE	SSE	SSE
20	W	SE	SSE	SE	SE	SE	SE	NNE	SW	NW	N	NW	NW	NW	NNW	WNW	NW	NW	NW	SE	SSE	SSE	SSE	SSE	SE
21	SSE	SSE	SSE	ESE	SSE	E	ESE	SE	ENE	N	N	N	WNW	NW	NW	WNW	S	SSW	SSE	SSE	S	SSW	SSE	SSE	SSE
22	SSE	SSE	SSE	SE	SE	ESE	SE	ESE	ENE	NNW	NW	NW	WNW	WNW	WNW	W	W	WSW	SSW	SSE	SSE	SE	ESE	SSE	SE
23	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ESE	E	NW	NW	N	WNW	WNW	W	W	WSW	W	ESE	SSE	SSE	SSE	S	SE	SSE
24	SE	SSE	SSE	SE	SE	SSE	SE	SE	SE	W	NW	NE	W	WNW	N	NW	NNW	SW	ESE	SSE	SSE	S	SSW	S	SSE
25	SSE	S	SSE	SSE	SSE	S	S	SE	SSE	SSE	SE	NE	WSW	NW	NNE	SE	NNE	NNW	SSE	SSE	SE	E	E	SE	SSE
26	SSE	SSE	S	S	S	WSW	ESE	NE	NE	ESE	S	S	SSW	SSW	SSW	SSW	SSW	SSW	S	SSE	SSE	W	WNW	WNW	S
27	SW	NW	NE	NE	NE	NNE	SE	SSE	S	ESE	SE	SSE	SSE	SW	S	W	WSW	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	SSE
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
PV	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	ENE	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	SSW	SSE	SSE	SSE	SSE	SSE	SSE	SSE

WIND DIRECTION [CC:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	274	304	295	304	343	88	157	158	146	154	147	8
3	150	138	146	153	150	157	158	116	79	21	353	305	302	274	291	337	356	20	158	164	124	150	163	147	7
4	141	141	119	158	149	151	159	134	92	313	292	286	339	337	353	325	352	15	150	155	161	139	158	166	7
5	150	148	223	191	192	166	156	137	6	349	57	36	57	94	34	75	109	150	169	155	143	97	132	161	8
6	156	157	167	167	151	144	126	78	69	12	350	318	11	51	54	2	320	305	169	156	163	158	163	152	8
7	157	148	155	158	153	136	99	102	145	281	277	327	263	1	348	22	50	345	298	290	297	320	320	10	8
8	63	69	124	140	159	172	162	165	255	287	96	76	293	347	47	48	29	10	352	343	318	312	235	207	[VA]
9	168	156	158	167	188	164	168	245	284	275	332	309	275	343	329	46	91	80	85	91	79	129	106	170	8
10	210	215	185	187	160	179	168	166	283	331	20	51	41	61	85	63	58	68	89	131	151	159	156	154	8
11	152	156	160	152	125	141	149	127	62	356	307	289	30	114	61	74	91	106	145	157	164	153	165	158	7
12	158	162	155	145	158	153	153	139	118	342	8	57	154	28	84	21	248	262	145	158	165	157	160	154	7
13	144	132	144	147	140	160	142	121	237	301	322	24	43	82	38	24	74	83	134	155	159	158	157	154	7
14	150	142	144	148	146	137	142	116	91	346	286	337	50	283	291	329	327	349	119	160	160	150	153	154	7
15	155	149	139	116	134	132	133	103	22	341	337	338	327	304	293	304	328	39	160	154	158	168	154	146	7
16	116	146	140	144	119	132	133	155	102	293	294	325	275	284	296	300	334	118	154	156	157	151	159	156	7
17	146	143	137	121	152	142	157	135	117	339	301	295	303	295	281	241	243	234	223	179	143	128	148	143	7
18	154	160	195	150	143	148	121	152	137	320	297	289	289	275	239	268	297	304	286	279	287	286	332	359	14
19	341	350	8	44	141	129	200	153	130	79	45	354	320	331	328	329	357	15	141	155	156	149	154	150	8
20	150	143	134	157	139	133	139	134	46	283	279	288	308	290	283	315	264	283	163	158	160	162	166	153	8
21	152	144	128	144	151	146	151	130	92	311	312	321	286	277	277	288	298	0	149	154	145	147	152	147	8
22	150	153	150	138	111	139	110	117	89	3	283	287	296	325	294	309	337	252	162	158	158	163	159	147	8
23	155	154	151	140	144	123	105	151	65	24	297	278	309	310	301	297	307	237	162	160	158	157	157	156	8
24	139	127	141	128	144	154	156	157	115	292	275	342	278	273	331	314	279	282	208	134	115	132	292	126	7
25	152	182	105	148	158	131	145	84	41	221	295	288	274	274	297	290	154	56	134	164	166	150	122	149	8
26	143	123	140	90	81	85	103	71	53	100	202	190	181	188	194	196	177	175	186	208	272	174	164	153	9
27	64	49	115	253	286	3	38	292	44	244	205	171	180	180	160	283	205	294	255	191	207	162	168	166	9
28	172	167	171	166	164	167	149	150	149	157	305	302	266	69	314	108	92	235	164	167	176	183	176	223	8
29	172	149	147	135	161	121	129	84	285	198	218	228	229	193	195	184	176	194	165	225	115	157	161	52	[VA]
30	117	115	116	61	70	148	65	129	169	304	271	262	290	125	313	22	116	141	235	237	97	87	119	149	6
31	64	47	81	11	13	333	332	283	278	267	265	287	342	20	10	110	311	331	164	166	181	179	217	150	16
PV	8	7	7	8	7	7	7	7	5	[VA]	14	15	14	14	14	15	16	1	8	8	8	8	8	8	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	W	NW	WNW	NW	NNW	E	SSE	SSE	SE	SSE	SSE	SSE
3	SSE	SE	SE	SSE	SSE	SSE	SSE	ESE	E	NNE	N	NW	WNW	W	WNW	NNW	N	NNE	SSE	SSE	SE	SSE	SSE	SSE	SE
4	SE	SE	ESE	SSE	SSE	SSE	SSE	SE	E	NW	WNW	WNW	NNW	NNW	N	NW	N	NNE	SSE	SSE	SSE	SE	SSE	SSE	SE
5	SSE	SSE	SW	S	SSW	SSE	SSE	SE	N	N	ENE	NE	ENE	E	NE	ENE	ESE	SSE	S	SSE	SE	E	SE	SSE	SSE
6	SSE	SSE	SSE	SSE	SSE	SE	SE	ENE	ENE	NNE	N	NW	N	NE	NE	N	NW	NW	S	SSE	SSE	SSE	SSE	SSE	SSE
7	SSE	SSE	SSE	SSE	SSE	SE	E	ESE	SE	W	W	NNW	W	N	NNW	NNE	NE	NNW	WNW	WNW	WNW	NW	NW	N	SSE
8	ENE	ENE	SE	SE	SSE	S	SSE	SSE	WSW	WNW	E	ENE	WNW	NNW	NE	NE	NNE	N	N	NNW	NW	NW	SW	SSW	[VA]
9	SSE	SSE	SSE	SSE	S	SSE	SSE	WSW	WNW	W	NNW	NW	W	NNW	NNW	NE	E	E	E	E	E	SE	ESE	S	SSE
10	SSW	SW	S	S	SSE	S	SSE	SSE	WNW	NNW	NNE	NE	NE	ENE	E	ENE	ENE	ENE	E	SE	SSE	SSE	SSE	SSE	SSE
11	SSE	SSE	SSE	SSE	SE	SE	SSE	SE	ENE	N	NW	WNW	NNE	ESE	ENE	ENE	E	ESE	SE	SSE	SSE	SSE	SSE	SSE	SE
12	SSE	SSE	SSE	SE	SSE	SSE	SSE	SE	ESE	NNW	N	ENE	SSE	NNE	E	NNE	WSW	W	SE	SSE	SSE	SSE	SSE	SSE	SE
13	SE	SE	SE	SSE	SE	SSE	SE	ESE	WSW	WNW	NW	NNE	NE	E	NE	NNE	ENE	E	SE	SSE	SSE	SSE	SSE	SSE	SE
14	SSE	SE	SE	SSE	SE	SE	SE	ESE	E	NNW	WNW	NNW	NE	WNW	WNW	NNW	NNW	N	ESE	SSE	SSE	SSE	SSE	SSE	SE
15	SSE	SSE	SE	ESE	SE	SE	SE	ESE	NNE	NNW	NNW	NNW	NNW	NW	WNW	NW	NNW	NE	SSE	SSE	SSE	SSE	SSE	SE	SE
16	ESE	SE	SE	SE	ESE	SE	SE	SSE	ESE	WNW	WNW	NW	W	WNW	WNW	WNW	NNW	ESE	SSE	SSE	SSE	SSE	SSE	SSE	SE
17	SE	SE	SE	ESE	SSE	SE	SSE	SE	ESE	NNW	WNW	WNW	WNW	WNW	W	WSW	WSW	SW	SW	S	SE	SE	SSE	SE	SE
18	SSE	SSE	SSW	SSE	SE	SSE	ESE	SSE	SE	NW	WNW	WNW	WNW	W	WSW	W	WNW	NW	WNW	W	WNW	WNW	NNW	N	WNW
19	NNW	N	N	NE	SE	SE	SSW	SSE	SE	E	NE	N	NW	NNW	NNW	NNW	N	NNE	SE	SSE	SSE	SSE	SSE	SSE	SSE
20	SSE	SE	SE	SSE	SE	SE	SE	SE	NE	WNW	W	WNW	NW	WNW	WNW	NW	W	WNW	SSE	SSE	SSE	SSE	SSE	SSE	SSE
21	SSE	SE	SE	SE	SSE	SE	SSE	SE	E	NW	NW	NW	WNW	W	W	WNW	WNW	N	SSE	SSE	SE	SSE	SSE	SSE	SSE
22	SSE	SSE	SSE	SE	ESE	SE	ESE	ESE	E	N	WNW	WNW	WNW	NW	WNW	NW	NNW	WSW	SSE	SSE	SSE	SSE	SSE	SSE	SSE
23	SSE	SSE	SSE	SE	SE	ESE	ESE	SSE	ENE	NNE	WNW	W	NW	NW	WNW	WNW	NW	WSW	SSE	SSE	SSE	SSE	SSE	SSE	SSE
24	SE	SE	SE	SE	SE	SSE	SSE	SSE	ESE	WNW	W	NNW	W	W	NNW	NW	W	WNW	SSW	SE	ESE	SE	WNW	SE	SE
25	SSE	S	ESE	SSE	SSE	SE	SE	E	NE	SW	WNW	WNW	W	W	WNW	WNW	SSE	NE	SE	SSE	SSE	SSE	ESE	SSE	SSE
26	SE	ESE	SE	E	E	E	ESE	ENE	NE	E	SSW	S	S	S	SSW	SSW	S	S	S	SSW	W	S	SSE	SSE	S
27	ENE	NE	ESE	WSW	WNW	N	NE	WNW	NE	WSW	SSW	S	S	S	SSE	WNW	SSW	WNW	WSW	S	SSW	SSE	SSE	SSE	S
28	S	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	NW	WNW	W	ENE	NW	ESE	E	SW	SSE	SSE	S	S	S	SW	SSE
29	S	SSE	SSE	SE	SSE	ESE	SE	E	WNW	SSW	SW	SW	SW	SSW	SSW	S	S	SSW	SSE	SW	ESE	SSE	SSE	NE	[VA]
30	ESE	ESE	ESE	ENE	ENE	SSE	ENE	SE	S	NW	W	W	WNW	SE	NW	NNE	ESE	SE	SW	WSW	E	E	ESE	SSE	ESE
31	ENE	NE	E	N	NNE	NNW	NNW	WNW	W	W	W	WNW	NNW	NNE	N	ESE	NW	NNW	SSE	SSE	S	S	SW	SSE	NNW
PV	SSE	SE	SE	SSE	SE	SE	SE	SE	E	[VA]	WNW	NW	WNW	WNW	WNW	NW	NNW	N	SSE	SSE	SSE	SSE	SSE	SSE	SE

WHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	170	165	165	170	175	170	175	170	155	245	260	247	249	288	278	287	295	2	53	175	109	64	32	90	9
2	145	219	307	3	4	79	154	161	148	325	61	349	55	80	37	64	93	112	138	135	164	152	152	171	8
3	158	145	146	113	137	146	135	95	87	298	319	311	296	295	309	333	345	12	75	167	163	168	166	155	7
4	152	157	161	150	138	153	157	133	220	323	335	348	292	305	303	303	310	271	186	172	164	163	157	158	8
5	164	165	159	166	155	145	151	96	129	354	257	263	300	266	297	303	274	264	190	161	166	164	166	157	8
6	128	76	101	168	159	156	144	167	125	44	322	283	267	301	298	315	166	165	168	172	179	178	156	178	8
7	154	153	160	133	154	140	151	159	89	314	306	286	290	308	272	272	255	154	166	159	141	127	127	124	8
8	166	154	195	197	185	178	184	200	194	187	220	357	330	277	298	0	31	58	53	123	101	63	63	107	9
9	84	28	56	65	80	148	104	10	342	15	78	124	183	187	213	198	263	59	127	155	155	150	145	145	8
10	116	317	94	153	161	149	57	249	123	90	268	203	200	223	233	237	213	282	153	165	183	251	229	259	10
11	284	295	298	286	281	276	267	278	253	203	208	218	215	166	159	140	210	279	279	260	244	187	195	175	13
12	164	172	172	169	167	162	161	154	133	116	102	56	90	270	93	109	103	119	163	167	160	150	133	158	8
13	175	162	178	150	150	165	125	67	170	171	122	283	286	271	278	268	269	296	286	254	175	132	108	115	8
14	156	164	158	168	161	167	159	163	162	167	325	265	280	321	290	296	331	258	163	169	151	152	158	155	8
15	147	164	162	177	148	98	152	160	142	291	297	282	281	274	281	274	312	272	215	196	177	170	164	163	8
16	158	163	154	160	164	146	152	166	154	315	300	281	298	311	330	259	255	184	147	165	157	151	165	156	8
17	154	130	168	157	85	106	156	169	152	309	299	282	286	269	277	283	286	208	166	159	167	162	125	150	8
18	152	148	153	98	68	22	136	218	186	136	23	7	323	290	279	213	183	169	151	160	174	173	186	186	8
19	178	185	190	184	193	193	202	209	197	237	246	229	207	265	258	256	276	290	195	175	174	170	176	167	9
20	170	168	170	162	140	150	162	145	152	54	295	311	348	299	264	261	121	142	160	161	173	178	225	168	8
21	164	167	163	156	161	162	175	158	133	77	315	307	339	320	304	297	277	187	148	163	146	153	149	139	8
22	158	148	145	135	80	59	140	153	92	80	350	341	287	85	335	28	48	39	64	85	87	32	44	80	5
23	91	76	32	97	135	107	114	138	165	111	54	31	32	43	51	49	57	80	120	97	148	156	159	157	3
24	152	145	137	137	136	121	84	46	83	301	318	336	288	290	281	294	121	84	287	75	195	294	285	25	14
25	156	163	162	179	170	172	80	27	281	263	284	278	289	283	321	259	296	211	157	267	238	180	237	269	13
26	183	148	210	140	164	167	181	182	149	142	316	274	297	235	155	295	329	52	114	152	175	159	153	137	8
27	98	145	145	155	153	126	126	151	153	93	337	342	337	293	322	293	257	154	160	171	173	157	156	158	8
28	154	153	150	101	95	126	150	164	310	218	155	273	301	67	348	235	243	231	254	163	114	61	97	158	8
29	163	134	53	174	167	126	43	276	333	254	292	298	270	258	144	159	279	112	152	177	214	199	36	12	8
30	136	289	290	298	285	303	117	130	350	353	107	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	14
PV	8	8	8	8	8	8	8	8	8	15	15	14	14	14	14	13	13	13	8	8	8	8	8	8	8

WHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	SSE	SSE	S	S	S	S	S	SSE	WSW	W	WSW	WSW	WNW	W	WNW	WNW	N	NE	S	ESE	ENE	NNE	E	S
2	SE	SW	NW	N	N	E	SSE	SSE	SSE	NW	ENE	N	NE	E	NE	ENE	E	ESE	SE	SE	SSE	SSE	SSE	S	SSE
3	SSE	SE	SE	ESE	SE	SE	SE	E	E	WNW	NW	NW	WNW	WNW	NW	NNW	NNW	NNE	ENE	SSE	SSE	SSE	SSE	SSE	SE
4	SSE	SSE	SSE	SSE	SE	SSE	SSE	SE	SW	NW	NNW	NNW	WNW	NW	WNW	WNW	NW	W	S	S	SSE	SSE	SSE	SSE	SSE
5	SSE	SSE	SSE	SSE	SSE	SE	SSE	E	SE	N	WSW	WNW	WNW	W	WNW	WNW	W	W	S	SSE	SSE	SSE	SSE	SSE	SSE
6	SE	ENE	E	SSE	SSE	SSE	SE	SSE	SE	NE	NW	WNW	W	WNW	WNW	NW	SSE	SSE	SSE	S	S	S	SSE	S	SSE
7	SSE	SSE	SSE	SE	SSE	SE	SSE	SSE	E	NW	NW	WNW	WNW	NW	W	W	WSW	SSE	SSE	SSE	SE	SE	SE	SE	SSE
8	SSE	SSE	SSW	SSW	S	S	S	SSW	SSW	S	SW	N	NNW	W	WNW	N	NNE	ENE	NE	ESE	E	ENE	ENE	ESE	S
9	E	NNE	NE	ENE	E	SSE	ESE	N	NNW	NNE	ENE	SE	S	S	SSW	SSW	W	ENE	SE	SSE	SSE	SSE	SE	SE	SSE
10	ESE	NW	E	SSE	SSE	SSE	ENE	WSW	ESE	E	W	SSW	SSW	SW	SW	WSW	SSW	WNW	SSE	SSE	S	WSW	SW	W	SSW
11	WNW	WNW	WNW	WNW	W	W	W	W	WSW	SSW	SSW	SW	SW	SSE	SSE	SE	SSW	W	W	W	WSW	S	SSW	S	W
12	SSE	S	S	S	SSE	SSE	SSE	SSE	SE	ESE	ESE	NE	E	W	E	ESE	ESE	ESE	SSE	SSE	SSE	SSE	SE	SSE	SSE
13	S	SSE	S	SSE	SSE	SSE	SE	ENE	S	S	ESE	WNW	WNW	W	W	W	W	WNW	WNW	WSW	S	SE	ESE	ESE	SSE
14	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	NW	W	W	NW	WNW	WNW	NNW	WSW	SSE	S	SSE	SSE	SSE	SSE	SSE
15	SSE	SSE	SSE	S	SSE	E	SSE	SSE	SE	WNW	WNW	WNW	W	W	W	W	NW	W	SW	SSW	S	S	SSE	SSE	SSE
16	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	NW	WNW	W	WNW	NW	NNW	W	WSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE
17	SSE	SE	SSE	SSE	E	ESE	SSE	S	SSE	NW	WNW	WNW	WNW	W	W	WNW	WNW	SSW	SSE	SSE	SSE	SSE	SE	SSE	SSE
18	SSE	SSE	SSE	E	ENE	NNE	SE	SW	S	SE	NNE	N	NW	WNW	W	SSW	S	S	SSE	SSE	S	S	S	S	SSE
19	S	S	S	S	SSW	SSW	SSW	SSW	SSW	WSW	WSW	SW	SSW	W	WSW	WSW	W	WNW	SSW	S	S	S	S	SSE	S
20	S	SSE	S	SSE	SE	SSE	SSE	SE	SSE	NE	WNW	NW	NNW	WNW	W	W	ESE	SE	SSE	SSE	S	S	SW	SSE	SSE
21	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SE	ENE	NW	NW	NNW	NW	NW	WNW	W	S	SSE	SSE	SE	SSE	SSE	SE	SSE
22	SSE	SSE	SE	SE	E	ENE	SE	SSE	E	E	N	NNW	WNW	E	NNW	NNE	NE	NE	ENE	E	E	NNE	NE	E	E
23	E	ENE	NNE	E	SE	ESE	ESE	SE	SSE	ESE	NE	NNE	NNE	NE	NE	NE	ENE	E	ESE	E	SSE	SSE	SSE	SSE	NE
24	SSE	SE	SE	SE	SE	ESE	E	NE	E	WNW	NW	NNW	WNW	WNW	W	WNW	ESE	E	WNW	ENE	SSW	WNW	WNW	NNE	WNW
25	SSE	SSE	SSE	S	S	S	E	NNE	W	W	WNW	W	WNW	WNW	NW	W	WNW	SSW	SSE	W	WSW	S	WSW	W	W
26	S	SSE	SSW	SE	SSE	SSE	S	S	SSE	SE	NW	W	WNW	SW	SSE	WNW	NNW	NE	ESE	SSE	S	SSE	SSE	SE	SSE
27	E	SE	SE	SSE	SSE	SE	SE	SSE	SSE	E	NNW	NNW	NNW	WNW	NW	WNW	WSW	SSE	SSE	S	S	SSE	SSE	SSE	SSE
28	SSE	SSE	SSE	E	E	SE	SSE	SSE	NW	SW	SSE	W	WNW	ENE	NNW	SW	WSW	SW	WSW	SSE	ESE	ENE	E	SSE	SSE
29	SSE	SE	NE	S	SSE	SE	NE	W	NNW	WSW	WNW	WNW	W	WSW	SE	SSE	W	ESE	SSE	S	SW	SSW	NE	NNE	SSE
30	SE	WNW	WNW	WNW	WNW	WNW	ESE	SE	N	N	ESE	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	WNW
PV	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	NW	NW	WNW	WNW	WNW	WNW	W	W	W	SSE	SSE	SSE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [DD:16]

DEGREES
LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	293	278	322	319	288	355	178	154	160	160	169	169	8
4	143	147	147	129	121	157	154	164	126	231	281	284	316	325	339	287	300	304	194	166	175	116	152	148	7
5	154	151	85	139	138	94	62	112	112	325	280	276	281	261	292	265	247	156	128	160	166	164	145	107	8
6	117	155	120	155	149	82	181	251	145	145	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	8
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	19	359	2	341	334	330	299	246	165	160	162	160	151	150	8
12	148	150	136	117	122	90	85	334	249	291	165	162	175	261	315	293	223	243	132	298	175	173	156	159	8
13	165	174	172	154	177	275	286	286	323	37	344	3	300	280	278	275	282	299	147	195	172	174	215	224	14
14	242	221	236	214	203	196	177	169	171	180	179	320	343	294	297	349	24	79	143	163	155	155	153	133	9
15	163	145	94	84	144	69	6	265	122	1	326	51	34	52	263	278	253	234	167	166	163	150	174	125	8
16	178	269	166	179	44	144	178	151	160	150	305	260	280	342	336	284	237	153	162	159	173	160	154	165	8
17	129	149	175	183	125	150	138	134	176	75	297	260	222	331	256	233	22	73	102	134	175	194	288	172	[VA]
18	162	102	78	84	92	156	69	98	145	140	164	212	289	254	253	188	126	153	157	155	144	142	153	158	8
19	154	154	152	147	112	140	160	142	138	95	80	278	289	267	266	269	338	59	153	167	156	128	154	169	8
20	152	154	147	147	153	91	44	186	137	39	199	313	338	274	244	276	257	167	136	116	194	153	13	146	8
21	143	42	59	144	141	143	123	198	183	241	342	265	194	1	319	321	282	239	257	197	292	142	100	124	7
22	130	147	135	147	133	173	46	130	153	61	4	321	325	262	195	192	177	144	163	153	141	171	139	42	8
23	18	57	130	231	193	253	223	266	198	147	27	41	159	171	272	226	142	113	75	19	241	258	149	183	8
24	230	110	152	164	209	337	22	38	17	0	16	29	40	28	37	40	33	25	28	38	37	36	34	67	2
25	130	121	93	330	182	142	237	164	165	206	288	288	5	357	323	285	300	70	155	160	156	152	139	137	8
26	138	144	131	142	131	136	139	94	132	160	75	357	4	313	304	306	277	236	159	144	155	166	153	162	7
27	161	147	160	142	145	119	65	79	145	134	320	304	291	293	306	301	203	316	8	338	329	268	234	145	[VA]
28	140	166	163	166	154	157	158	157	148	111	65	14	47	62	351	294	27	57	147	157	159	161	156	161	8
29	155	153	150	137	141	133	127	99	123	115	348	1	342	316	277	280	334	359	170	159	168	146	155	160	7
30	144	141	155	131	103	126	103	153	114	82	59	348	287	327	343	298	226	156	143	167	146	113	91	159	7
31	155	124	136	133	141	157	136	95	83	43	327	299	272	285	273	276	291	275	133	170	159	154	156	149	8
PV	8	7	8	8	7	7	7	8	7	7	16	13	14	13	15	14	14	8	8	8	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC;16]

LEVEL HEIGHT : 20 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	WNW	W	NW	NW	WNW	N	S	SSE	SSE	SSE	S	S	SSE
4	SE	SSE	SSE	SE	ESE	SSE	SSE	SSE	SE	SW	W	WNW	NW	NW	NNW	WNW	WNW	NW	SSW	SSE	S	ESE	SSE	SSE	SE
5	SSE	SSE	E	SE	SE	E	ENE	ESE	ESE	NW	W	W	W	W	WNW	W	WSW	SSE	SE	SSE	SSE	SSE	SE	ESE	SSE
6	ESE	SSE	ESE	SSE	SSE	E	S	WSW	SE	SE	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	SSE
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	NNE	N	N	NNW	NNW	NNW	WNW	WSW	SSE	SSE	SSE	SSE	SSE	SSE	SSE
12	SSE	SSE	SE	ESE	ESE	E	E	NNW	WSW	WNW	SSE	SSE	S	W	NW	WNW	SW	WSW	SE	WNW	S	S	SSE	SSE	SSE
13	SSE	S	S	SSE	S	W	WNW	WNW	NW	NE	NNW	N	WNW	W	W	W	WNW	WNW	SSE	SSW	S	S	SW	SW	WNW
14	WSW	SW	SW	SW	SSW	SSW	S	S	S	S	S	NW	NNW	WNW	WNW	N	NNE	E	SE	SSE	SSE	SSE	SSE	SE	S
15	SSE	SE	E	E	SE	ENE	N	W	ESE	N	NW	NE	NE	NE	W	W	WSW	SW	SSE	SSE	SSE	SSE	S	SE	SSE
16	S	W	SSE	S	NE	SE	S	SSE	SSE	SSE	NW	W	W	NNW	NNW	WNW	WSW	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE
17	SE	SSE	S	S	SE	SSE	SE	SE	S	ENE	WNW	W	SW	NNW	WSW	SW	NNE	ENE	ESE	SE	S	SSW	WNW	S	[VA]
18	SSE	ESE	ENE	E	E	SSE	ENE	E	SE	SE	SSE	SSW	WNW	WSW	WSW	S	SE	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE
19	SSE	SSE	SSE	SSE	ESE	SE	SSE	SE	SE	E	E	W	WNW	W	W	W	NNW	ENE	SSE	SSE	SSE	SE	SSE	S	SSE
20	SSE	SSE	SSE	SSE	SSE	E	NE	S	SE	NE	SSW	NW	NNW	W	WSW	W	WSW	SSE	SE	ESE	SSW	SSE	NNE	SE	SSE
21	SE	NE	ENE	SE	SE	SE	ESE	SSW	S	WSW	NNW	W	SSW	N	NW	NW	WNW	WSW	WSW	SSW	WNW	SE	E	SE	SE
22	SE	SSE	SE	SSE	SE	S	NE	SE	SSE	ENE	N	NW	NW	W	SSW	SSW	S	SE	SSE	SSE	SE	S	SE	NE	SSE
23	NNE	ENE	SE	SW	SSW	WSW	SW	W	SSW	SSE	NNE	NE	SSE	S	W	SW	SE	ESE	ENE	NNE	WSW	WSW	SSE	S	SSE
24	SW	ESE	SSE	SSE	SSW	NNW	NNE	NE	NNE	N	NNE	NNE	NE	NNE	NE	NE	NNE	NNE	NNE	NE	NE	NE	NE	ENE	NNE
25	SE	ESE	E	NNW	S	SE	WSW	SSE	SSE	SSW	WNW	WNW	N	N	NW	WNW	WNW	ENE	SSE	SSE	SSE	SSE	SE	SE	SSE
26	SE	SE	SE	SE	SE	SE	SE	E	SE	SSE	ENE	N	N	NW	NW	NW	W	SW	SSE	SE	SSE	SSE	SSE	SSE	SE
27	SSE	SSE	SSE	SE	SE	ESE	ENE	E	SE	SE	NW	NW	WNW	WNW	NW	WNW	SSW	NW	N	NNW	NNW	W	SW	SE	[VA]
28	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ESE	ENE	NNE	NE	ENE	N	WNW	NNE	ENE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
29	SSE	SSE	SSE	SE	SE	SE	SE	E	ESE	ESE	NNW	N	NNW	NW	W	WNW	NNW	N	S	SSE	SSE	SE	SSE	SSE	SE
30	SE	SE	SSE	SE	ESE	SE	ESE	SSE	ESE	E	ENE	NNW	WNW	NNW	NNW	WNW	SW	SSE	SE	SSE	SE	ESE	E	SSE	SE
31	SSE	SE	SE	SE	SE	SSE	SE	E	E	NE	NNW	WNW	W	WNW	W	W	WNW	W	SE	S	SSE	SSE	SSE	SSE	SSE
PV	SSE	SE	SSE	SSE	SE	SE	SE	SSE	SE	SE	NNW	W	WNW	W	NW	WNW	WNW	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE

WHOUT -- 00004 <811027.1411>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN. 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	.7	1.7	1.1	1.8	2.1	2.0	1.1	2.9	1.0	1.5	2.2	5.2	12.6	4.9	3.9	3.8	5.2	7.4	5.2	4.1	2.7	4.8	6.0	3.5	12.6
2	5.8	9.6	10.9	10.2	6.8	5.1	4.4	7.8	2.9	1.2	1.9	1.8	3.4	6.7	4.7	4.3	.9	3.2	2.1	2.0	2.8	5.0	5.5	6.7	4.8	10.9
3	7.2	7.8	8.1	6.8	5.5	6.7	6.9	5.7	6.0	5.5	1.5	2.0	6.0	3.1	2.1	3.3	.5	2.1	3.4	4.3	3.0	6.6	2.5	4.2	4.6	8.1
4	6.9	2.4	5.1	3.0	5.5	11.4	11.9	10.8	12.3	6.9	11.9	13.6	12.7	15.5	7.0	6.5	3.4	7.9	7.9	5.9	9.6	7.8	5.1	6.6	8.2	15.5
5	7.5	4.2	1.9	3.6	3.9	3.9	4.4	2.8	2.8	3.3	2.4	3.5	4.7	2.1	2.9	2.2	3.1	1.1	1.6	1.2	1.1	3.4	5.0	4.6	3.2	7.5
6	3.3	2.8	7.7	5.2	7.6	8.1	9.4	9.6	7.0	13.2	7.7	11.6	13.8	12.6	11.2	14.9	11.0	10.8	5.4	2.4	1.7	2.0	2.7	6.4	7.8	14.9
7	8.7	10.0	6.0	6.0	5.0	4.0	6.0	5.0	5.0	4.0	3.3	2.3	2.9	2.7	3.3	4.0	4.2	2.7	3.6	4.0	4.1	3.1	5.0	5.0	4.6	10.0
8	5.0	5.0	4.0	4.0	5.0	3.0	4.0	3.0	2.0	1.0	1.7	2.1	2.9	4.5	3.2	2.7	2.8	3.1	1.5	3.0	3.7	4.4	3.1	5.0	3.3	5.0
9	3.0	3.0	2.0	2.0	3.0	4.0	3.0	3.0	2.0	2.4	2.0	2.7	3.1	3.9	4.6	5.1	5.7	2.9	3.2	2.6	4.1	4.1	5.3	6.0	3.4	6.0
10	3.8	6.0	5.0	3.0	1.0	2.0	2.0	3.0	3.0	3.0	2.1	3.1	3.2	2.8	2.8	3.7	3.0	4.4	1.7	1.6	3.2	5.0	4.2	3.1	3.2	6.0
11	4.4	2.9	2.3	2.4	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	3.0	1.3	2.5	3.9	3.8	3.7	2.4	5.5	4.0	4.9	1.9	4.4	2.9	5.5
12	4.6	3.9	3.9	3.7	4.6	3.1	1.0	1.7	1.4	1.9	.9	2.6	2.0	2.3	2.4	2.1	.6	1.7	1.6	2.5	5.6	6.9	4.1	1.8	2.8	6.9
13	3.7	2.5	4.2	3.2	3.0	2.9	3.7	7.4	7.4	6.1	3.0	1.5	2.0	3.5	2.0	2.6	3.1	5.6	4.4	5.1	5.4	4.3	4.4	3.6	3.9	7.4
14	8.4	7.8	6.0	4.4	3.8	4.0	5.8	6.9	3.0	2.3	2.5	2.4	3.0	3.0	3.8	5.3	5.0	2.8	4.7	5.5	8.3	7.3	3.8	5.7	4.8	8.4
15	5.3	3.7	6.1	9.3	5.3	8.0	11.0	9.1	4.4	4.2	3.3	3.4	2.7	5.5	3.7	4.8	5.0	2.6	5.4	4.8	8.5	10.3	8.6	9.9	6.0	11.0
16	9.4	4.9	6.5	4.7	4.8	4.1	4.0	6.3	4.4	2.8	1.7	1.4	3.1	4.3	5.3	8.4	10.2	9.2	10.1	12.5	7.0	4.7	3.4	5.8	5.8	12.5
17	12.4	13.4	12.8	6.1	4.0	3.6	3.1	3.5	5.5	6.2	4.0	7.3	7.2	3.0	2.0	4.0	9.1	9.5	4.4	5.2	3.2	3.5	3.4	2.4	5.8	13.4
18	5.2	8.3	4.4	2.7	3.0	2.2	4.0	4.6	2.9	2.4	2.4	2.4	7.4	6.8	4.2	9.8	12.0	12.6	9.0	6.4	2.3	3.3	5.4	6.3	5.4	12.6
19	4.6	1.5	1.8	1.2	4.4	4.1	4.1	4.3	4.3	2.0	2.2	3.9	6.8	7.6	13.5	22.7	18.8	15.1	10.2	8.7	13.0	7.6	2.8	3.0	7.0	22.7
20	4.1	4.6	7.7	8.2	3.7	3.2	3.4	4.6	2.6	2.0	2.7	6.5	12.6	17.2	18.2	16.0	13.9	11.0	5.1	4.2	3.8	5.3	4.9	2.7	7.0	18.2
21	6.8	11.3	16.3	20.5	19.8	20.1	22.8	22.9	22.7	26.7	17.0	13.9	6.4	9.7	6.4	4.8	8.0	11.1	10.3	2.5	4.8	4.8	4.1	5.2	12.5	26.7
22	7.1	2.3	2.1	7.7	10.0	9.0	7.0	6.0	4.0	3.9	3.4	2.8	11.4	17.9	17.2	24.0	19.8	18.5	13.2	8.4	3.9	9.2	6.3	5.9	9.2	24.0
23	7.7	8.0	6.0	6.0	4.0	4.0	3.0	3.0	3.0	4.0	3.8	4.0	3.4	3.6	4.6	5.7	4.6	4.6	3.1	2.8	3.2	3.1	4.4	3.4	4.3	8.0
24	2.9	2.1	1.7	.9	1.3	2.1	3.3	5.1	2.5	1.9	3.4	3.8	5.5	2.0	2.4	2.6	4.1	4.2	4.0	4.7	4.1	4.8	4.2	6.8	3.4	6.8
25	5.4	7.3	6.4	3.7	3.8	3.1	3.4	3.9	2.5	4.2	2.1	2.9	2.1	2.7	2.2	3.4	2.7	1.5	1.5	2.3	2.5	2.0	1.1	4.2	3.2	7.3
26	5.9	3.5	2.9	1.6	1.7	4.0	2.6	2.0	1.5	1.5	3.0	2.9	5.3	3.8	3.4	2.4	6.0	2.8	3.6	2.5	1.3	2.3	3.4	2.5	3.0	6.0
27	10.1	9.7	13.3	14.9	28.6	26.4	27.8	26.4	17.8	9.1	4.5	4.0	3.2	3.1	2.6	3.4	4.8	7.2	3.9	5.2	4.5	5.5	6.8	6.3	10.4	28.6
28	6.9	3.5	1.9	2.9	4.1	3.2	2.7	1.9	1.3	2.8	3.7	3.2	2.8	2.8	5.0	6.5	4.2	4.9	1.7	2.2	1.7	1.2	3.1	2.8	3.2	6.9
29	2.0	2.4	2.7	1.6	2.8	1.7	2.5	1.2	2.4	3.1	3.5	3.4	6.3	5.2	3.0	2.8	4.6	4.6	4.9	6.9	4.2	9.0	9.1	7.6	4.1	9.1
30	9.3	7.8	10.3	4.0	4.3	4.8	4.6	4.8	3.2	2.8	1.8	2.2	3.0	3.8	2.8	3.7	1.4	1.6	3.2	3.8	6.5	5.0	8.7	2.8	4.4	10.3
31	1.1	1.6	2.4	5.0	3.8	6.8	4.3	3.0	2.5	1.9	2.5	2.5	3.5	2.8	7.1	6.2	7.7	13.3	9.2	11.2	4.4	5.3	4.0	3.0	4.8	13.3
AV	5.8	5.3	5.6	5.1	5.4	5.6	5.8	5.9	4.7	4.4	3.5	4.0	5.2	5.8	5.2	6.3	6.1	6.2	5.0	4.7	4.5	5.0	4.6	4.8	5.2	28.6
SD	2.7	3.3	3.8	4.2	5.4	5.3	5.8	5.6	4.7	4.9	3.2	3.3	3.3	4.6	4.2	5.6	4.8	4.5	3.2	2.7	2.6	2.2	1.9	1.9	4.1	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT, INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.6	2.6	4.7	3.6	4.3	2.3	2.9	4.5	4.7	1.9	2.1	2.6	3.6	3.7	4.1	5.7	4.3	6.2	5.1	9.0	10.5	7.6	6.2	2.8	4.5	10.5
2	.6	4.4	3.9	3.4	4.0	2.0	4.1	1.9	2.3	2.3	3.7	3.7	3.0	2.9	2.4	3.2	4.0	4.1	3.7	5.0	7.0	8.9	11.4	11.9	4.3	11.9
3	8.6	10.5	3.6	5.2	2.4	1.3	1.2	3.3	7.4	4.4	3.7	3.7	2.3	3.6	6.0	11.7	11.3	14.8	18.1	15.7	15.4	19.5	28.4	24.0	9.4	28.4
4	18.0	12.0	9.0	9.0	8.0	7.0	9.0	9.0	7.0	8.0	12.7	9.5	10.6	10.5	11.0	12.0	11.4	14.2	17.6	17.2	8.0	6.0	6.0	5.0	10.3	18.0
5	5.0	5.0	6.0	7.0	7.0	8.0	7.0	6.0	4.0	2.0	2.0	3.9	4.4	4.3	3.9	3.8	2.8	6.2	5.5	3.7	5.4	7.4	9.2	9.0	5.4	9.2
6	8.5	7.0	5.0	8.0	4.0	5.0	4.0	6.0	2.0	1.0	2.0	4.1	4.6	4.4	3.7	5.1	5.5	4.2	1.3	1.4	4.6	5.7	6.0	6.0	4.5	8.5
7	6.0	5.0	6.0	5.0	5.0	7.0	2.0	2.0	1.0	1.0	1.9	3.6	5.2	4.4	5.1	3.2	2.6	5.4	5.2	2.8	3.2	6.0	4.3	4.3	4.1	7.0
8	4.0	3.0	3.0	4.0	3.0	3.0	1.0	1.5	2.5	2.5	2.9	2.5	2.5	3.7	3.0	7.5	14.6	20.6	20.7	20.7	8.7	5.8	6.1	7.3	6.4	20.7
9	8.0	6.0	6.5	6.5	7.0	5.0	4.0	4.0	3.0	2.0	3.1	3.5	3.7	4.6	5.5	3.7	5.3	4.2	4.1	2.3	2.9	3.8	3.2	1.6	4.3	8.0
10	3.6	1.6	1.8	5.8	5.7	4.0	3.8	4.5	3.0	2.8	1.9	2.9	4.9	6.6	6.4	5.7	6.9	7.6	2.5	3.7	6.4	7.6	6.5	5.6	4.7	7.6
11	6.8	5.2	6.0	3.1	3.1	2.8	4.0	3.1	2.0	1.3	[PF]	3.4	3.2	3.0	3.0	4.0	2.8	2.4	3.5	6.8	9.4	6.9	7.4	7.9	4.4	9.4
12	8.7	5.3	4.1	5.6	5.5	4.5	4.0	3.0	2.9	2.2	2.3	4.6	4.7	6.0	5.5	5.0	4.8	4.1	2.1	5.4	6.0	7.7	5.5	5.6	4.8	8.7
13	5.0	5.0	5.6	3.6	4.3	5.2	5.5	3.2	2.8	1.9	2.6	3.7	6.4	6.9	8.4	5.2	2.9	3.5	3.3	1.5	2.5	3.0	2.4	4.0	4.1	8.4
14	3.8	2.9	3.2	1.7	1.4	3.6	1.6	1.9	1.5	3.6	3.0	2.7	2.3	4.6	6.2	6.7	8.3	4.7	1.4	4.4	7.8	5.5	3.7	4.4	3.8	8.3
15	2.3	4.8	1.9	3.1	4.4	3.3	3.0	5.0	3.4	2.4	2.2	2.8	1.8	4.5	6.9	6.9	3.6	3.0	3.3	1.6	2.8	5.5	6.2	3.2	3.7	6.9
16	3.0	5.0	2.8	3.4	3.1	3.7	3.8	3.1	3.9	2.2	2.2	2.9	3.7	6.3	8.5	5.0	2.0	8.9	6.6	5.1	4.1	4.0	2.9	4.8	4.2	8.9
17	4.2	2.6	2.3	3.9	4.4	3.3	4.6	4.3	1.5	2.6	3.4	4.1	8.4	7.2	3.9	3.1	4.7	4.6	2.8	3.0	1.6	1.3	2.2	3.1	3.6	8.4
18	2.5	4.4	4.0	2.8	1.6	3.3	3.0	3.0	4.3	3.7	3.7	8.7	9.7	7.0	5.4	3.2	6.9	3.8	1.3	2.8	8.1	8.8	11.2	8.7	5.1	11.2
19	5.4	8.4	4.0	11.4	4.1	3.0	4.8	4.4	4.4	2.9	2.4	4.2	4.4	4.1	3.1	3.4	5.0	5.3	4.2	5.6	4.2	4.7	3.3	7.8	4.8	11.4
20	7.6	3.1	6.1	7.3	3.8	3.8	4.1	3.6	4.8	2.4	2.6	3.0	6.0	5.3	5.5	3.4	3.9	3.9	2.5	2.2	8.1	6.3	8.3	9.8	4.9	9.8
21	6.5	7.2	2.0	6.5	4.8	4.2	5.0	2.5	1.5	1.4	3.5	4.4	3.9	3.3	3.8	5.5	4.9	5.4	4.3	3.3	6.8	7.7	9.0	8.1	4.8	9.0
22	5.8	5.2	5.6	7.8	4.4	3.9	4.0	2.0	2.3	1.7	3.6	4.0	6.0	8.2	5.3	3.7	2.6	1.2	4.7	8.6	7.9	6.1	1.8	4.2	4.6	8.6
23	3.8	3.8	3.6	3.0	6.7	4.7	15.4	8.7	7.7	7.2	3.9	5.9	13.0	11.7	16.2	21.1	20.0	12.4	7.0	10.3	3.1	5.2	7.4	8.9	8.8	21.1
24	5.1	2.9	3.8	3.8	5.1	5.3	4.5	4.2	2.7	2.8	4.8	4.7	4.1	5.2	4.7	4.4	6.2	4.0	3.6	1.7	.9	4.1	6.7	7.7	4.3	7.7
25	8.3	5.4	3.1	5.4	4.7	4.6	5.2	6.4	4.7	1.5	3.3	3.7	4.6	5.2	7.1	6.7	6.8	6.4	4.4	4.0	8.5	10.0	7.6	8.6	5.7	10.0
26	9.4	6.4	3.8	3.2	5.4	6.5	6.3	4.8	2.4	2.0	2.3	3.7	5.7	4.4	2.7	3.6	13.3	11.6	10.6	7.4	6.9	9.1	7.8	5.7	6.0	13.3
27	7.0	5.2	2.9	3.9	4.9	4.9	6.5	5.3	3.2	4.3	2.9	3.6	5.9	7.7	6.7	9.7	4.0	10.2	9.0	10.1	8.0	10.0	7.5	7.0	6.3	10.2
28	8.0	9.5	8.4	5.3	6.2	8.3	5.3	4.7	4.2	2.8	4.2	5.2	4.9	6.4	7.3	6.2	2.5	1.6	3.5	7.6	8.9	11.5	6.1	5.2	6.0	11.5
AV	6.0	5.3	4.4	5.1	4.6	4.4	4.6	4.1	3.5	2.7	3.3	4.1	5.1	5.6	5.8	6.0	6.2	6.6	5.8	6.2	6.3	7.0	6.9	6.9	5.3	28.4
SD	3.3	2.4	1.8	2.2	1.6	1.7	2.7	1.9	1.7	1.6	2.0	1.6	2.6	2.1	2.9	3.8	4.3	4.5	5.1	4.9	3.2	3.4	4.9	4.1	3.3	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC117]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.1	10.0	8.7	8.6	4.7	3.4	3.3	4.7	2.1	2.2	6.4	8.2	5.6	7.1	15.7	8.2	16.7	18.5	15.9	18.1	13.0	12.9	8.9	8.6	9.2	18.5
2	7.6	4.1	4.5	3.1	2.8	2.6	1.6	3.3	6.0	3.4	14.1	16.5	18.0	19.9	15.0	11.5	11.5	10.7	5.6	5.7	9.8	14.2	12.3	5.2	8.7	19.9
3	5.2	1.9	4.2	10.8	3.4	4.7	2.7	.6	2.7	2.1	1.2	.7	.9	2.5	3.9	3.1	4.1	8.3	9.8	9.6	5.9	4.4	3.5	2.9	4.1	10.8
4	4.1	2.7	2.8	2.8	5.0	8.2	5.6	6.3	6.6	3.1	2.2	4.2	5.5	4.1	7.8	8.9	8.2	7.1	9.4	5.5	1.6	2.1	2.1	3.7	5.0	9.4
5	3.8	4.1	3.0	3.7	2.0	2.6	4.9	1.3	1.6	2.5	3.7	5.2	5.6	5.4	7.0	11.7	6.1	2.1	3.8	6.2	7.6	4.6	7.4	8.9	4.8	11.7
6	8.1	8.5	8.2	10.0	8.0	6.5	6.0	6.5	2.5	2.0	3.8	5.9	6.7	6.2	6.9	3.9	5.0	5.7	5.2	4.5	5.1	3.0	1.8	3.0	5.5	10.0
7	2.0	3.1	3.7	6.4	7.0	5.6	5.6	2.8	1.2	1.7	1.9	2.3	3.7	4.4	5.5	6.6	4.8	4.2	2.9	4.7	6.1	5.7	6.9	7.0	4.4	7.0
8	8.1	5.2	4.7	5.1	5.4	3.6	2.4	2.9	2.3	2.6	3.9	2.6	2.3	2.3	4.6	4.9	4.3	1.1	3.3	7.4	5.2	7.4	6.5	7.4	4.4	8.1
9	7.0	6.9	7.2	6.6	8.1	5.5	7.0	2.2	1.0	2.6	4.2	4.7	9.8	9.4	12.4	10.1	11.9	10.1	10.4	10.1	3.3	3.5	2.4	3.8	6.7	12.4
10	2.9	3.8	3.6	3.6	4.0	4.9	1.7	1.7	2.6	2.0	2.0	3.3	9.8	7.1	3.2	11.2	12.9	13.3	8.8	8.4	10.0	3.5	2.7	5.5	5.5	13.3
11	5.6	5.1	4.1	4.4	2.7	3.3	3.4	3.0	2.3	2.8	14.9	23.8	23.5	24.2	24.8	19.3	18.1	14.9	16.2	18.4	16.0	15.1	17.3	18.2	12.6	24.8
12	15.2	12.3	13.0	18.9	21.5	18.1	11.2	11.2	10.3	12.3	17.7	20.9	19.7	17.7	16.6	15.7	13.6	12.0	8.4	3.3	3.9	4.7	8.0	5.5	13.0	21.5
13	6.1	2.4	5.2	6.6	9.3	7.3	2.9	1.7	2.0	4.1	4.0	3.3	6.1	5.5	6.4	7.0	5.3	3.9	3.8	2.8	7.4	8.9	7.7	9.6	5.4	9.6
14	8.8	7.0	6.5	6.2	2.8	2.9	5.6	3.0	1.9	2.4	3.6	3.9	2.3	12.6	16.9	15.4	15.2	12.5	5.9	11.0	11.4	8.5	6.0	2.9	7.3	16.9
15	3.5	2.8	14.8	10.0	3.7	3.3	5.9	4.0	8.6	9.1	14.0	17.1	17.1	16.0	16.1	13.2	11.1	11.6	14.4	11.5	9.6	4.0	2.7	3.0	9.5	17.1
16	2.8	2.3	2.2	3.2	3.3	8.5	5.3	8.8	13.8	20.3	23.2	21.7	19.4	18.5	22.7	26.7	23.0	20.4	19.0	5.4	7.6	3.3	3.4	3.2	12.0	26.7
17	.9	5.9	14.1	13.4	9.7	5.1	2.3	3.5	3.3	3.7	8.8	5.3	10.8	13.6	13.3	8.4	11.6	9.2	7.5	5.0	3.3	3.1	4.4	4.7	7.1	14.1
18	5.6	8.4	9.2	4.6	4.0	3.2	5.8	4.1	2.6	10.8	24.3	29.0	25.1	25.9	25.7	23.5	22.4	22.8	27.0	19.9	2.0	4.0	2.9	14.4	13.6	29.0
19	9.4	11.6	14.1	9.5	8.2	5.5	5.9	4.8	2.2	6.7	11.7	12.8	16.9	16.7	16.6	11.5	21.9	24.5	24.4	19.1	15.3	13.8	12.9	7.9	12.7	24.5
20	7.4	5.5	7.4	6.0	7.0	5.5	5.0	1.5	4.5	8.8	16.6	12.0	11.6	12.9	11.7	10.9	8.8	12.2	10.6	6.2	4.7	5.2	3.0	1.0	7.8	16.6
21	2.2	4.6	5.0	5.5	6.0	5.5	4.5	4.0	2.0	5.7	3.5	4.1	5.1	6.6	7.4	9.9	6.8	7.7	9.5	8.3	9.5	6.7	2.7	7.6	5.9	9.9
22	8.0	7.1	7.0	7.0	7.5	8.0	7.5	5.5	4.5	2.5	4.7	6.3	4.9	6.8	6.8	9.0	5.9	9.2	6.1	3.7	6.1	7.5	3.5	4.0	6.2	9.2
23	7.0	9.0	7.5	5.0	6.5	8.0	6.0	5.0	5.0	7.0	8.0	10.2	10.9	8.0	7.2	5.8	6.3	5.5	5.6	2.4	6.3	9.9	6.5	7.5	6.9	10.9
24	5.0	6.0	5.5	6.0	6.0	7.0	7.5	6.0	3.0	6.0	9.5	7.3	6.5	7.0	9.5	8.5	8.1	8.3	8.3	8.7	10.4	10.6	15.7	20.5	8.2	20.5
25	20.6	11.9	7.5	5.0	3.0	2.5	3.5	1.5	2.0	3.0	4.5	3.7	3.4	4.6	5.3	5.8	4.9	5.6	4.0	1.9	4.9	8.1	6.5	4.8	5.4	20.6
26	6.0	2.8	4.2	2.4	3.1	2.7	2.0	2.1	2.4	2.4	7.8	5.7	10.0	11.7	7.0	5.2	4.4	4.0	5.9	2.6	1.7	1.5	4.1	1.3	4.3	11.7
27	3.3	3.0	4.2	2.2	4.5	2.9	3.0	3.5	3.1	1.7	3.1	6.7	4.6	5.3	6.3	6.4	5.0	8.7	11.4	9.7	10.2	8.0	3.6	3.7	5.2	11.4
28	4.7	3.3	5.7	5.5	8.8	9.5	8.9	9.9	11.1	11.3	18.4	20.3	22.9	21.8	17.8	24.2	27.1	20.8	20.8	23.8	14.6	5.1	8.6	13.5	14.1	27.1
29	20.8	21.2	20.0	14.0	8.0	6.0	14.0	8.0	6.0	4.0	8.0	8.0	14.0	22.0	13.0	10.0	7.0	12.0	10.0	8.0	9.0	4.0	5.0	3.0	10.6	22.0
30	4.0	2.0	2.0	3.0	3.5	4.0	10.0	12.0	10.0	18.0	18.0	22.0	24.0	19.1	17.3	20.5	15.6	19.4	13.7	4.4	4.6	6.8	10.4	7.5	11.3	24.0
31	6.5	5.8	2.0	3.5	3.0	2.5	2.0	1.5	1.4	3.8	4.8	17.1	10.1	14.0	10.2	14.5	19.1	18.1	13.7	14.3	18.0	16.0	13.7	11.1	9.4	19.1
AV	6.8	6.1	6.8	6.5	5.9	5.4	5.3	4.4	4.2	5.5	8.8	10.2	10.9	11.6	11.6	11.3	11.2	11.1	10.4	8.7	7.9	7.0	6.6	6.8	8.0	29.0
SD	4.7	4.1	4.3	3.8	3.7	3.1	2.9	3.0	3.3	4.7	6.7	7.7	7.2	6.9	6.2	6.1	6.6	6.3	6.2	5.8	4.3	4.0	4.2	4.7	5.7	[ ]

WHOUT -- 00000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13.1	9.6	7.3	6.8	13.1	9.3	4.1	4.1	15.2	22.8	26.1	24.0	24.7	23.2	27.7	31.1	29.0	25.2	23.9	18.8	17.8	14.3	17.5	11.2	17.6	31.1
2	15.0	17.1	22.8	20.0	16.0	19.5	22.0	20.0	20.0	20.5	19.1	24.1	24.2	20.0	17.0	15.5	16.2	16.3	12.6	13.3	5.3	6.0	7.7	7.8	16.6	24.2
3	7.0	9.1	8.0	5.7	5.1	2.5	3.9	3.3	1.8	3.4	4.7	5.0	6.7	8.0	13.2	16.8	17.6	13.3	10.3	9.2	8.8	13.4	16.4	16.9	8.8	17.6
4	14.3	12.5	9.0	2.3	2.5	1.3	2.0	1.9	2.5	17.4	28.1	27.6	27.2	29.2	32.2	34.7	31.0	28.5	32.3	28.0	21.8	19.9	17.1	10.9	18.1	34.7
5	6.5	6.9	4.9	6.8	10.2	5.5	5.3	3.5	3.2	4.7	5.6	5.9	6.0	5.8	5.5	5.8	7.9	5.7	4.2	6.5	3.8	2.1	2.8	3.6	5.4	10.2
6	4.1	2.3	3.9	6.5	6.2	3.6	2.0	1.5	1.4	2.7	6.7	10.8	10.0	16.8	20.0	25.7	21.2	20.1	15.1	5.0	2.5	6.0	2.4	4.0	8.4	25.7
7	5.9	3.8	3.0	7.4	7.6	11.3	9.1	8.7	5.7	3.7	5.7	14.0	25.2	16.3	5.5	8.9	11.6	9.7	10.6	5.7	6.1	5.7	3.8	6.0	8.4	25.2
8	8.2	8.9	6.8	7.2	8.2	8.3	7.4	4.3	2.4	8.1	13.3	11.9	13.8	13.3	17.1	13.4	13.1	22.2	19.5	15.7	9.6	4.3	7.5	10.4	10.6	22.2
9	7.9	6.7	4.0	6.5	7.6	9.8	9.7	5.6	3.4	8.2	9.7	9.5	9.9	11.5	13.0	12.7	14.8	19.1	13.5	6.0	5.5	4.1	3.0	5.5	8.6	19.1
10	8.0	6.5	8.8	5.0	7.9	4.6	4.2	2.0	2.9	5.7	7.3	7.1	4.8	5.0	5.5	4.4	4.5	3.7	6.1	10.6	8.7	3.7	4.3	4.9	5.7	10.6
11	3.1	3.3	2.6	3.0	5.3	7.8	2.3	2.1	7.5	11.5	11.6	11.2	7.8	11.1	16.9	17.2	17.6	13.2	13.5	7.7	5.7	18.5	23.4	22.9	10.3	23.4
12	16.5	16.0	20.5	20.6	8.7	6.8	6.6	3.4	4.8	5.5	8.2	8.8	14.4	14.5	15.0	13.6	16.9	13.9	11.3	7.9	3.3	4.3	7.6	8.0	10.7	20.6
13	5.4	5.3	3.5	6.2	8.9	9.6	9.6	2.8	2.5	3.7	5.1	7.7	6.1	6.0	6.5	10.1	17.8	11.4	11.5	9.6	12.6	9.8	8.1	7.9	7.8	17.8
14	7.9	5.3	4.1	3.6	3.7	4.5	5.8	1.9	1.9	6.5	12.3	10.0	12.9	22.2	17.3	19.9	13.7	9.5	13.0	5.7	6.1	9.1	12.5	10.8	9.2	22.2
15	7.4	6.8	2.9	4.6	2.4	3.6	5.8	5.3	5.6	8.7	10.8	12.0	17.4	18.6	22.8	23.3	22.8	19.0	17.4	8.0	6.7	7.0	4.5	6.4	10.4	23.3
16	9.4	10.5	11.9	12.0	12.0	13.0	11.0	15.0	12.0	8.0	6.9	6.5	5.9	6.2	5.8	4.9	5.8	3.9	5.8	5.2	4.0	8.3	8.9	9.0	8.4	15.0
17	6.0	7.0	6.5	7.0	7.5	7.5	6.0	2.0	2.5	3.0	4.5	5.6	7.2	6.5	4.9	8.5	8.3	7.3	7.2	3.8	8.3	4.0	7.7	9.5	6.2	9.5
18	9.6	10.6	8.2	9.1	7.5	9.0	6.0	2.5	1.7	5.3	14.6	19.1	22.5	30.1	30.2	27.9	30.2	28.8	23.8	17.9	15.3	15.8	17.2	12.1	15.6	30.2
19	8.7	6.0	5.0	5.0	2.0	4.5	4.0	2.0	2.5	6.0	6.5	5.5	7.4	9.9	8.8	13.0	18.4	18.8	13.1	11.5	9.5	9.0	9.0	13.0	8.3	18.8
20	8.0	11.0	9.5	4.5	6.0	6.0	4.5	11.0	18.5	21.0	15.5	14.0	19.0	18.6	15.0	13.7	10.6	13.2	11.7	11.2	11.7	8.8	6.5	5.7	11.5	21.0
21	4.9	2.2	1.6	3.8	2.3	3.1	4.7	3.1	7.0	11.2	14.2	12.7	14.2	12.6	11.5	8.2	12.5	12.6	10.9	11.1	8.0	5.8	2.7	5.0	7.7	14.2
22	4.4	6.0	7.0	3.5	6.7	5.7	6.0	2.5	3.2	4.7	4.1	7.1	8.3	8.7	9.2	9.0	9.8	11.1	8.3	4.1	3.3	10.3	9.2	3.9	6.5	11.1
23	2.6	4.4	5.6	6.3	8.8	6.0	4.4	5.3	14.0	8.5	6.1	5.5	7.4	5.5	4.7	4.7	10.2	16.8	9.7	9.0	7.6	8.5	4.7	4.3	7.1	16.8
24	2.3	2.9	6.4	6.9	7.7	9.0	4.6	2.8	3.7	3.5	5.6	7.1	8.6	8.2	9.8	9.8	9.0	6.2	8.5	19.3	22.9	15.3	9.9	5.4	8.1	22.9
25	7.8	8.8	10.5	11.5	10.5	9.6	8.7	3.9	2.6	3.5	4.4	6.6	7.8	10.2	16.9	8.0	8.6	7.4	10.1	12.2	7.5	2.9	5.1	6.5	8.0	16.9
26	7.0	6.7	8.4	6.0	7.3	3.1	4.3	4.1	2.4	5.2	9.4	6.8	7.2	8.4	21.1	7.8	6.5	7.0	5.8	13.3	6.2	7.5	3.8	6.3	7.1	21.1
27	3.9	4.4	5.3	4.1	2.1	5.7	6.3	7.4	3.8	8.7	7.0	6.1	7.4	7.0	8.2	8.2	11.2	12.0	7.8	3.3	4.6	2.6	6.5	9.1	6.4	12.0
28	11.0	10.0	11.8	7.1	7.7	7.4	4.1	2.9	2.7	4.5	4.2	5.5	7.8	9.7	8.2	6.4	5.6	4.3	7.3	11.3	12.2	11.7	12.8	12.8	7.9	12.8
29	12.4	20.1	18.2	14.7	17.6	19.9	16.5	9.8	7.5	7.2	10.2	14.5	12.3	10.6	13.8	11.4	12.4	10.4	10.5	6.6	7.5	10.2	4.4	4.3	11.8	20.1
30	4.6	5.4	6.2	5.6	4.7	4.2	5.3	3.8	3.6	4.9	5.6	4.7	6.5	5.0	5.9	5.8	4.3	6.0	6.8	5.8	4.2	7.0	10.3	9.9	5.7	10.3
AV	7.8	7.9	7.8	7.4	7.5	7.4	6.5	5.0	5.6	7.9	9.8	10.6	12.0	12.6	13.6	13.3	14.0	13.2	12.1	10.1	8.6	8.5	8.6	8.5	9.4	34.7
SD	3.7	4.3	5.1	4.4	3.8	4.4	4.2	4.2	5.1	5.5	6.1	6.1	6.8	7.0	7.7	8.1	7.3	7.0	6.2	5.5	5.2	4.7	5.3	4.3	6.1	[ ]

QHOUT -- OU000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.3	.6	1.3	3.5	2.1	2.5	1.4	3.0	2.7	4.9	3.3	7.2	16.1	13.3	9.1	3.6	2.6	12.5	22.6	13.8	10.7	10.6	11.6	4.3	7.1	22.6
2	3.3	4.5	7.1	6.8	7.2	5.3	1.7	.4	1.4	2.6	4.1	5.1	10.2	3.6	5.8	2.6	.8	4.7	7.0	6.5	7.8	7.3	5.9	5.0	4.9	10.2
3	6.3	10.5	5.9	3.2	4.3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	4.7	5.6	8.1	13.9	5.2	7.4	2.3	.9	3.4	5.8	13.9
4	4.5	5.2	4.3	4.6	3.8	3.2	5.2	1.6	2.3	2.7	7.1	8.6	10.8	12.7	9.7	8.3	17.6	17.8	15.9	8.3	7.6	8.1	5.9	8.5	7.7	17.8
5	3.0	2.7	3.2	6.9	5.9	2.2	2.4	4.9	6.9	4.3	5.7	12.5	9.8	11.9	13.0	12.2	8.7	6.8	3.5	1.6	4.8	7.6	5.8	5.9	6.3	13.0
6	6.0	6.0	9.7	11.0	7.5	8.6	5.3	1.1	1.9	4.7	6.2	6.8	7.7	7.9	7.5	4.6	2.9	2.1	2.0	5.3	15.5	17.7	13.6	3.9	6.9	17.7
7	2.1	5.9	7.4	6.1	9.0	7.0	8.0	2.8	1.7	4.7	8.5	10.2	15.5	14.6	15.0	17.5	5.6	8.0	8.1	6.6	4.0	2.5	2.4	1.9	7.3	17.5
8	4.0	3.4	1.7	1.6	2.0	4.4	2.4	2.3	.8	2.5	8.8	7.7	15.5	20.7	25.5	23.3	23.2	20.8	13.9	9.5	12.0	3.7	3.2	16.1	9.5	25.5
9	13.7	14.9	10.8	9.1	19.7	8.5	10.6	16.9	22.5	22.0	23.7	27.8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	4.5	12.5	10.5	15.2	27.8
10	7.0	6.0	7.0	7.0	3.0	2.5	5.5	4.0	3.0	3.5	6.0	20.5	19.8	17.8	15.4	15.4	15.0	11.9	5.8	8.2	11.8	13.9	11.4	4.6	9.5	20.5
11	5.9	4.8	4.5	3.3	4.4	3.5	.5	1.3	3.0	3.7	5.8	7.0	11.2	8.4	8.7	8.9	11.2	5.4	7.6	7.4	3.8	4.5	3.5	3.0	5.5	11.2
12	3.3	5.2	3.8	2.1	1.4	2.5	5.4	5.3	6.4	4.0	2.8	4.4	7.6	12.5	14.2	12.0	8.2	7.9	12.8	17.5	11.8	7.5	6.0	4.9	7.1	17.5
13	8.4	7.0	8.7	12.4	14.7	8.3	2.3	6.3	12.8	15.7	16.4	14.6	15.4	18.6	15.7	18.7	16.8	15.1	10.2	9.4	3.5	3.3	2.1	4.3	10.9	18.7
14	7.3	5.6	6.4	8.8	4.0	4.8	2.3	2.5	4.8	4.6	6.2	4.1	5.7	5.5	5.2	6.8	7.1	12.4	11.7	10.6	4.7	4.1	5.6	6.1	6.1	12.4
15	8.0	2.6	3.7	4.6	7.0	2.3	3.7	1.9	2.9	6.0	6.8	5.6	7.0	17.7	12.4	10.6	3.6	4.3	13.8	6.9	8.6	8.7	5.3	6.5	6.7	17.7
16	7.5	8.7	7.9	5.2	6.6	6.7	6.8	2.5	2.7	3.0	5.3	5.6	7.4	14.1	6.7	7.3	10.2	11.1	11.0	6.4	7.9	5.5	3.4	2.7	6.8	14.1
17	1.6	7.5	6.0	4.1	5.8	6.1	2.4	1.1	1.9	2.4	3.2	4.2	5.2	7.4	5.9	4.7	5.2	4.3	2.0	3.1	4.7	7.2	5.3	3.7	4.4	7.5
18	5.8	3.9	6.0	6.6	5.8	5.1	2.7	1.8	9.3	16.7	21.2	21.6	20.7	19.8	19.7	21.2	17.2	16.6	8.4	17.8	6.6	8.3	4.3	4.7	11.3	21.6
19	3.1	2.9	2.1	3.4	2.7	8.7	14.0	15.5	5.0	2.3	4.0	11.3	10.3	14.5	8.2	2.2	11.2	8.8	10.7	6.6	4.7	1.9	5.7	7.9	7.0	15.5
20	2.3	6.0	6.9	7.0	6.4	4.5	5.0	1.5	2.8	4.3	4.1	5.7	5.5	6.6	7.2	5.7	4.5	4.3	4.2	4.3	3.4	4.9	8.3	9.2	5.2	9.2
21	7.4	4.8	3.9	6.5	5.7	7.5	5.7	2.3	3.2	3.3	3.5	3.1	3.2	2.9	7.0	8.0	6.3	8.7	6.7	7.1	5.8	7.1	9.6	6.9	5.7	9.6
22	5.3	5.0	5.8	5.3	5.6	6.9	3.5	1.9	1.6	2.3	2.8	3.2	6.2	6.0	12.9	6.1	11.1	15.3	13.7	7.6	1.1	6.2	7.4	7.5	6.3	15.3
23	5.8	7.9	5.8	5.5	5.5	2.8	1.7	2.8	3.7	7.2	9.8	5.6	3.8	5.0	4.8	6.2	8.1	7.5	6.7	11.3	4.0	3.2	3.3	3.4	5.5	11.3
24	4.1	4.4	7.6	4.6	7.0	6.0	2.9	1.4	4.9	5.0	6.2	6.5	4.8	12.9	16.3	17.3	11.4	13.4	18.1	16.1	12.2	11.4	9.9	3.2	8.7	18.1
25	1.4	2.4	4.3	6.0	5.6	3.5	2.0	2.2	2.4	2.7	3.9	7.0	3.4	8.3	8.4	3.8	4.7	4.3	8.1	9.5	9.8	13.4	14.3	7.6	5.8	14.3
26	5.3	6.6	4.9	4.8	6.9	5.7	4.9	3.5	2.4	3.8	5.7	5.7	6.9	6.0	5.8	5.1	12.5	13.0	9.5	9.5	10.7	11.2	11.9	11.5	7.2	13.0
27	13.4	10.4	5.7	8.8	3.9	5.1	7.1	2.2	11.8	19.8	17.1	8.9	14.2	7.7	9.0	8.4	12.5	18.4	18.5	15.7	15.7	9.2	15.6	14.1	11.4	19.8
28	16.4	13.1	16.3	18.7	18.0	19.4	15.4	8.4	7.9	11.0	15.0	15.6	14.4	15.0	16.4	16.8	14.0	12.7	11.9	12.2	10.4	6.0	4.1	7.3	13.2	19.4
29	7.1	2.1	1.9	4.8	6.0	8.4	5.4	3.6	3.3	3.2	4.6	5.7	6.5	7.9	10.0	5.0	11.3	14.2	13.0	14.5	7.4	5.1	2.1	4.4	6.6	14.5
30	8.7	10.2	14.7	10.7	9.1	10.4	11.4	11.9	11.6	9.8	10.4	18.8	13.9	5.7	4.7	5.7	9.0	5.1	8.9	3.1	4.3	5.4	6.0	6.4	9.0	18.8
31	5.3	6.1	6.4	4.8	4.0	3.4	2.7	1.9	3.1	5.0	5.4	5.7	4.8	5.2	6.2	5.9	6.5	6.6	7.4	7.3	5.8	4.2	7.5	5.4	5.3	7.5
AV	6.1	6.0	6.2	6.4	6.5	5.9	5.0	4.0	5.0	6.3	7.9	9.2	9.8	10.7	10.6	9.3	9.5	10.1	10.3	9.0	7.6	7.0	6.9	6.3	7.5	27.8
SD	3.5	3.2	3.4	3.4	4.2	3.4	3.7	4.1	4.6	5.4	5.5	6.1	5.0	5.2	5.1	5.9	5.2	5.0	4.9	4.3	3.7	3.7	4.0	3.3	4.8	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	6.0	3.9	4.2	4.0	4.5	4.0	1.6	2.5	4.0	10.1	12.3	13.3	19.1	30.5	27.3	20.3	21.2	23.6	22.1	16.6	15.3	9.9	5.7	12.0	30.5
2	8.1	8.0	5.6	5.5	6.9	5.8	5.8	4.1	3.4	4.2	9.3	11.4	10.7	13.8	11.9	10.5	11.0	11.1	11.6	13.3	8.9	16.5	11.4	4.4	8.9	16.5
3	3.5	4.0	4.3	5.4	6.0	7.8	5.0	3.4	1.9	5.2	6.9	7.8	9.3	9.2	9.5	9.4	7.2	6.0	3.2	3.1	4.0	5.9	6.2	6.5	5.9	9.5
4	7.9	7.5	4.8	4.0	3.8	3.8	3.1	2.5	10.0	18.0	22.4	23.7	21.8	21.3	21.9	22.5	19.9	20.4	18.5	11.4	6.3	3.2	6.0	4.1	12.0	23.7
5	6.5	15.6	22.8	17.7	9.7	7.6	4.3	3.4	5.1	18.2	23.6	22.7	23.0	27.4	24.6	28.6	29.5	25.3	30.6	21.8	25.3	16.5	7.5	6.6	17.7	30.6
6	4.3	3.3	5.6	3.9	10.4	4.5	4.2	3.5	7.2	7.2	5.3	5.4	12.8	10.4	13.4	10.1	12.2	13.0	10.5	8.6	3.4	6.0	10.6	7.0	7.6	13.4
7	7.9	6.0	5.7	4.1	3.7	5.1	3.3	2.3	3.7	4.3	6.0	8.9	18.9	19.5	20.6	20.4	20.1	20.5	17.6	13.9	12.7	11.9	9.5	12.0	10.8	20.6
8	7.2	6.3	5.3	3.9	3.1	3.7	3.4	6.5	16.2	16.6	15.6	17.0	17.4	20.6	21.3	21.2	20.8	18.7	16.9	13.7	10.9	9.8	11.5	19.2	12.8	21.3
9	21.7	17.8	16.3	10.7	4.6	3.5	2.7	3.2	6.5	7.8	6.7	5.7	5.3	8.1	7.5	10.6	8.2	6.9	4.5	4.3	2.5	7.2	7.9	6.0	7.8	21.7
10	8.3	7.0	6.9	8.6	5.9	5.6	3.2	1.6	2.4	4.2	3.7	5.1	5.1	5.4	7.2	7.2	11.8	12.2	13.3	11.2	9.8	6.3	6.3	2.8	6.7	13.3
11	6.3	5.4	4.6	5.1	5.0	7.9	6.1	3.4	4.9	3.5	4.1	6.3	6.3	8.1	10.0	11.6	10.2	12.5	8.7	6.2	4.7	6.3	10.1	8.4	6.9	12.5
12	7.9	6.3	5.4	4.5	8.0	2.9	2.2	1.2	3.4	5.1	5.6	8.9	7.3	5.7	6.3	10.0	7.0	9.9	10.0	6.9	1.9	4.8	5.1	3.8	5.8	10.0
13	3.8	5.3	4.3	4.5	3.1	4.4	4.5	2.5	3.0	8.6	12.6	14.6	12.7	9.9	13.6	15.1	14.0	15.4	12.3	8.9	6.3	10.0	9.5	7.0	8.6	15.4
14	4.8	5.4	10.9	8.7	6.2	7.4	4.8	3.0	3.1	8.8	7.1	6.7	6.8	18.0	20.0	17.2	13.0	19.5	15.2	18.5	9.9	6.7	1.5	2.7	9.4	20.0
15	4.5	4.3	5.7	5.7	5.1	4.8	1.7	1.6	3.9	6.9	7.5	7.8	6.9	6.4	6.9	7.8	9.2	7.8	4.3	6.2	5.4	4.5	6.9	8.3	5.8	9.2
16	9.4	9.2	7.8	8.6	5.9	6.8	4.7	2.2	3.1	3.5	4.0	4.8	6.0	6.3	5.4	6.9	12.2	15.2	9.5	9.2	5.7	9.2	11.9	15.4	7.6	15.4
17	13.0	6.5	5.0	6.1	4.1	4.4	3.9	2.9	3.7	5.0	5.1	4.3	5.3	9.2	9.2	13.0	13.3	8.1	8.6	8.8	6.0	13.6	8.9	16.5	7.7	16.5
18	17.2	20.1	16.1	17.5	22.9	21.8	17.3	14.4	14.0	13.5	13.3	10.1	12.3	9.3	11.8	13.0	9.5	11.2	14.1	17.7	12.5	8.4	5.1	3.0	13.6	22.9
19	4.5	3.4	8.0	4.5	4.7	4.8	2.2	2.8	4.8	6.0	7.4	4.8	7.4	7.7	9.7	10.5	7.6	7.5	17.3	15.0	14.6	6.5	4.3	2.8	7.0	17.3
20	3.6	4.6	5.5	5.4	3.1	4.1	5.6	1.8	2.8	4.5	5.8	6.3	6.5	9.1	10.4	7.9	5.0	6.2	10.1	14.0	7.1	3.1	6.4	7.1	6.1	14.0
21	9.1	6.9	7.1	6.6	5.1	4.3	3.1	3.1	4.8	11.1	3.7	5.1	7.8	11.9	6.3	7.1	6.6	7.8	11.3	15.5	15.6	12.1	9.6	7.1	7.9	15.6
22	4.1	6.8	9.1	7.8	5.8	3.4	2.5	2.1	2.5	4.8	7.3	8.9	9.8	7.2	12.8	21.5	16.1	7.4	3.4	7.8	5.6	3.8	5.7	6.0	7.2	21.5
23	11.0	4.3	5.0	5.1	4.8	4.8	4.0	4.0	4.0	4.5	6.1	5.3	3.4	9.8	13.0	8.8	30.9	14.3	4.4	10.6	4.0	4.2	4.0	6.7	7.4	30.9
24	7.3	8.3	7.6	5.0	4.9	2.8	2.5	2.5	3.4	3.8	4.4	5.7	5.4	6.3	6.8	6.5	9.2	15.3	10.4	6.3	3.6	6.0	10.3	10.9	6.5	15.3
25	7.5	5.0	5.5	6.2	6.9	7.3	4.3	4.1	2.5	4.3	4.8	6.9	5.5	13.3	16.6	8.9	15.1	10.4	11.5	4.8	2.5	1.5	4.1	4.7	6.8	16.6
26	3.8	4.3	4.3	5.4	7.6	6.8	3.8	1.2	2.9	2.6	4.2	3.8	4.3	5.0	7.7	5.2	7.5	3.7	2.5	4.2	2.4	2.3	4.9	7.1	4.5	7.7
27	7.8	6.1	4.8	5.4	5.8	7.7	3.2	.6	2.0	2.4	3.2	6.8	7.2	8.4	8.8	7.8	4.8	4.9	1.1	1.3	4.2	10.1	4.1	8.4	5.3	10.1
28	7.2	5.2	1.2	2.6	6.5	5.0	2.0	2.9	2.4	3.8	14.0	18.5	19.7	19.2	18.1	17.6	16.3	14.8	16.6	14.6	9.8	6.7	10.3	8.3	10.1	19.7
29	12.6	8.3	5.8	7.4	12.1	14.5	11.2	8.4	18.0	16.9	19.5	16.0	16.5	18.5	20.2	18.9	16.3	14.5	11.4	9.8	6.3	8.6	8.4	9.5	12.9	20.2
30	8.3	6.3	6.9	10.1	11.6	13.6	21.3	18.0	13.6	18.2	16.2	13.6	14.5	16.0	16.1	18.8	7.9	9.5	10.0	4.0	10.1	5.7	18.2	17.4	12.7	21.3
AV	7.8	7.1	7.1	6.7	6.6	6.4	5.0	3.8	5.4	7.6	8.9	9.5	10.3	12.0	13.3	13.4	13.1	12.4	11.4	10.5	8.0	7.8	7.9	7.8	8.7	30.9
SD	4.1	4.0	4.3	3.5	3.9	4.0	4.3	3.7	4.4	5.2	5.7	5.5	5.6	5.9	6.4	6.5	6.6	5.5	6.5	5.5	5.2	4.1	3.3	4.4	5.6	[ ]

GHOUT -- 00000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	14.3	12.1	10.6	9.0	8.5	7.1	5.1	11.0	19.0	23.9	23.3	22.8	18.4	19.2	19.2	19.5	19.5	17.0	16.0	14.4	13.6	10.2	5.8	4.8	14.3	23.9
2	9.3	9.1	8.2	7.8	9.7	6.0	4.7	2.8	2.7	3.4	4.9	6.9	5.9	9.8	12.7	14.6	15.6	14.8	8.3	10.2	6.5	10.3	6.6	3.4	8.1	15.6
3	3.6	4.2	6.9	4.9	5.0	5.2	2.5	1.4	2.2	3.4	6.3	9.8	7.7	9.3	12.7	14.7	14.5	14.6	13.5	11.5	9.4	10.2	11.9	6.2	8.0	14.7
4	5.8	4.5	5.1	4.4	4.1	1.2	2.4	1.9	8.5	15.6	17.3	17.9	20.8	19.0	21.3	20.7	21.8	20.2	18.4	20.3	9.0	3.8	2.8	4.2	11.3	21.8
5	2.5	4.8	4.5	3.2	2.9	3.9	4.8	6.0	8.0	6.0	9.2	11.4	18.4	17.2	18.6	14.8	16.9	16.4	17.0	7.5	6.5	5.0	9.8	6.8	9.3	18.6
6	4.1	5.8	7.0	5.8	6.6	4.9	4.5	2.6	2.3	3.0	3.6	6.0	6.6	6.8	8.1	5.9	5.9	4.1	4.0	5.8	7.7	5.4	6.4	7.5	5.4	8.1
7	6.9	6.0	6.6	7.4	7.1	5.1	4.0	2.0	2.0	3.3	4.3	5.9	6.0	6.9	5.2	5.1	8.0	6.9	10.0	12.2	9.8	9.8	10.4	10.1	6.7	12.2
8	11.4	9.4	3.4	6.1	8.5	6.9	8.8	10.2	4.7	3.0	4.4	5.7	4.5	4.7	10.6	12.0	15.3	22.3	15.2	4.5	2.0	2.4	5.1	3.8	7.7	22.3
9	6.1	5.0	2.7	1.3	2.3	6.8	2.9	1.4	1.6	4.1	7.6	7.6	8.8	7.5	8.8	8.1	9.8	10.5	6.0	11.9	7.9	5.2	4.2	3.6	5.9	11.9
10	6.5	8.5	7.2	7.6	7.5	8.3	7.5	2.3	2.6	4.7	4.5	4.8	5.2	6.6	5.5	7.3	6.6	4.7	6.6	6.3	5.4	3.1	6.0	7.1	5.9	8.5
11	9.3	6.9	5.1	7.0	7.4	7.8	4.8	9.1	6.7	8.7	5.1	7.0	8.1	7.3	8.9	8.1	15.1	21.8	14.1	9.6	3.2	5.6	8.0	9.0	8.5	21.8
12	6.4	7.0	7.5	6.9	4.6	4.9	4.3	2.2	1.8	3.0	4.0	5.1	5.5	5.8	6.4	9.3	10.2	13.3	7.0	3.2	5.5	8.7	7.9	7.7	6.2	13.3
13	10.6	6.9	4.5	7.5	6.1	5.3	4.6	5.2	3.7	3.3	8.4	6.7	7.3	12.8	15.1	4.5	14.3	11.7	10.4	9.3	8.7	4.1	16.9	6.7	8.1	16.9
14	5.4	11.5	7.8	5.1	6.2	7.1	4.5	2.5	2.8	6.2	7.0	7.4	8.2	10.1	11.4	6.5	4.3	5.4	11.5	7.2	6.1	5.1	8.9	10.6	7.0	11.5
15	9.4	9.5	10.6	3.3	5.1	8.9	5.1	3.1	2.0	3.5	6.5	9.4	15.0	19.1	18.6	19.2	19.8	15.4	15.1	10.2	14.2	13.2	9.5	8.9	10.6	19.8
16	7.7	3.9	6.3	6.2	3.9	3.0	3.2	3.4	3.1	5.7	16.3	16.0	16.8	18.7	20.1	13.9	14.4	12.5	11.0	7.7	9.7	6.5	7.7	7.2	9.4	20.1
17	7.2	4.0	4.4	6.5	11.3	18.5	16.7	18.9	20.8	17.1	17.4	19.6	19.8	17.1	15.7	14.1	12.8	12.7	13.1	13.4	7.4	3.4	6.4	8.5	12.8	20.8
18	5.4	6.2	7.8	2.5	4.9	6.0	4.3	2.8	4.5	4.6	5.8	6.2	8.4	8.1	8.1	9.9	8.9	10.1	9.5	11.9	8.1	1.5	2.1	6.3	6.4	11.9
19	8.1	5.5	8.2	3.9	6.0	6.8	4.5	1.6	2.8	2.5	3.7	5.2	5.3	4.4	9.4	10.6	8.9	9.6	9.7	4.9	2.3	3.2	8.6	7.0	5.9	10.6
20	8.3	[PF]	7.4	6.5	6.2	8.5	5.4	3.5	6.5	7.2	6.9	10.7	7.8	7.4	6.0	5.6	5.7	5.6	8.9	6.8	4.4	7.6	3.4	6.2	6.6	10.7
21	11.5	6.7	8.4	6.2	9.1	6.5	4.3	2.8	2.5	3.7	4.2	4.9	5.3	3.8	7.2	6.8	7.3	6.2	17.0	22.3	13.8	9.0	8.2	4.3	7.6	22.3
22	4.7	5.7	4.3	6.2	4.1	2.9	2.7	2.8	2.8	2.5	4.8	6.0	7.2	6.7	8.4	8.8	6.9	7.7	5.7	3.8	6.3	3.4	6.5	7.6	5.4	8.8
23	5.0	6.3	9.9	8.6	3.0	4.3	2.3	3.4	3.0	4.5	7.0	12.2	15.0	12.1	12.3	11.9	8.3	10.2	17.7	18.8	13.0	11.1	11.1	6.1	9.0	18.8
24	10.8	7.1	6.5	6.2	6.4	2.8	5.9	4.0	6.6	4.8	9.5	9.2	8.3	9.9	11.3	8.0	12.5	22.7	26.1	12.1	11.1	11.5	7.8	6.3	9.5	26.1
25	6.8	6.9	6.9	5.1	5.3	4.8	3.7	2.3	6.3	5.2	4.3	4.9	8.2	7.5	8.8	6.5	7.6	13.0	13.6	8.7	9.8	16.5	21.2	11.0	8.1	21.2
26	8.9	15.6	5.7	5.6	6.1	4.8	4.0	3.9	2.9	3.9	4.8	5.3	4.6	5.9	12.2	9.2	8.1	3.6	13.0	19.0	15.1	14.8	5.9	4.5	7.8	19.0
27	5.8	6.2	4.5	4.3	1.7	5.5	4.5	3.1	2.2	4.4	4.7	3.7	6.6	5.7	6.3	7.7	3.4	4.8	3.4	2.4	2.8	5.1	6.4	3.1	4.5	7.7
28	3.2	3.3	3.0	5.1	3.0	4.4	5.4	2.7	2.2	2.2	3.1	2.7	2.4	8.9	15.5	11.0	7.1	2.8	4.3	5.0	2.0	2.3	1.6	4.7	4.5	15.5
29	4.3	4.3	4.8	4.4	3.7	4.6	3.1	2.1	4.6	5.4	6.0	7.0	7.9	8.5	6.8	9.2	8.6	12.3	13.9	7.0	10.4	14.8	10.5	5.3	7.1	14.8
30	5.4	2.3	2.6	2.2	4.5	5.3	4.7	1.9	3.7	7.9	4.3	4.5	5.4	5.3	8.3	7.8	4.8	7.0	4.5	4.3	2.4	3.8	5.5	7.2	4.8	8.3
31	7.8	8.2	9.5	5.9	5.3	8.1	7.8	4.0	3.0	3.6	3.6	4.7	6.0	5.6	6.5	6.4	6.3	5.9	4.4	2.2	4.4	7.0	9.2	11.0	6.1	11.0
AV	7.2	6.8	6.4	5.6	5.7	6.0	4.9	4.1	4.8	5.8	7.2	8.3	9.1	9.6	11.2	10.2	10.6	11.2	11.3	9.5	7.7	7.2	7.8	6.7	7.7	26.1
SD	2.7	2.8	2.2	1.9	2.2	2.9	2.6	3.6	4.5	4.8	4.9	4.8	5.1	4.8	4.7	4.3	4.9	5.8	5.3	5.3	3.8	4.1	4.0	2.2	4.6	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.9	8.8	9.6	3.5	4.3	8.1	7.1	2.8	1.9	2.8	4.2	5.1	5.9	11.5	12.5	12.7	13.3	12.2	12.8	13.2	16.0	21.6	12.5	9.6	9.1	21.6
2	13.3	14.1	11.3	4.5	6.3	7.3	5.7	10.1	10.9	8.4	6.6	9.8	7.0	7.9	12.0	8.4	17.3	7.4	4.9	9.8	11.0	7.7	6.8	2.8	8.8	17.3
3	4.8	5.8	4.2	4.7	8.2	11.6	11.1	11.5	11.0	9.4	7.2	6.3	6.9	8.1	9.2	13.1	12.9	9.7	9.4	10.1	8.1	9.9	6.3	3.9	8.5	13.1
4	6.3	5.9	6.6	5.3	7.9	9.2	5.2	3.6	3.5	4.3	3.9	4.0	6.5	7.2	5.5	4.8	7.6	5.8	3.8	8.2	9.2	5.6	8.1	10.4	6.2	10.4
5	10.3	6.9	8.0	8.4	9.0	8.4	7.4	4.1	2.8	3.8	7.2	6.3	6.3	7.0	6.6	7.0	5.0	7.5	9.2	7.5	4.9	7.5	10.5	5.4	7.0	10.5
6	8.4	9.0	10.7	7.1	7.6	6.3	6.6	4.8	2.5	3.3	3.7	4.1	5.2	5.1	6.3	7.7	6.9	5.4	6.1	5.5	1.9	7.0	11.2	8.7	6.3	11.2
7	5.8	2.9	4.0	5.5	4.9	3.6	4.5	1.8	1.9	4.3	4.6	6.2	7.0	4.3	16.3	12.2	4.7	8.7	5.7	4.0	4.0	11.8	14.6	8.6	6.3	16.3
8	7.3	5.5	3.3	8.8	5.2	6.9	6.2	8.2	5.9	9.4	7.8	9.3	6.0	9.6	11.3	12.5	18.8	12.0	7.3	16.9	17.2	12.0	10.7	5.7	9.3	18.8
9	3.1	2.2	3.5	4.2	4.9	5.8	4.9	1.0	3.7	2.5	4.0	4.0	6.0	7.8	7.2	16.0	12.3	11.7	11.2	10.8	9.9	8.8	8.0	8.6	6.8	16.0
10	12.4	9.3	6.2	7.2	5.1	5.9	4.8	6.0	4.7	6.4	7.4	5.6	7.0	6.2	7.8	3.4	3.5	7.7	6.2	5.6	9.6	16.8	15.2	14.9	7.7	16.8
11	15.6	15.9	15.5	13.4	21.1	11.7	6.0	4.8	6.0	17.8	15.8	14.4	15.1	13.4	13.6	24.7	8.6	6.6	3.9	3.7	5.2	4.0	2.6	3.7	11.0	24.7
12	3.1	2.3	2.4	1.9	5.0	3.4	5.2	2.6	2.7	3.4	3.5	6.1	8.5	5.4	6.6	10.4	9.3	9.7	8.3	8.3	8.5	4.1	2.8	3.2	5.3	10.4
13	3.6	2.5	3.2	2.7	4.0	5.5	11.3	11.1	7.5	2.8	1.9	3.1	4.3	6.3	3.1	4.4	3.7	2.8	2.2	5.7	3.2	2.2	4.3	2.5	4.3	11.3
14	3.1	1.8	1.9	2.9	1.8	1.7	1.6	2.3	1.9	2.1	3.4	4.6	4.0	4.5	3.0	5.8	6.3	6.9	3.6	4.9	3.9	3.1	5.8	4.8	3.6	6.9
15	5.5	5.5	4.6	3.8	3.2	5.0	4.8	2.5	2.2	3.2	3.6	3.9	5.3	3.4	3.7	2.8	1.7	2.5	1.9	14.7	6.5	11.5	6.6	8.6	4.9	14.7
16	6.6	4.6	7.2	3.8	7.7	9.3	10.5	8.4	4.3	3.1	5.2	4.5	6.0	3.9	6.3	9.9	11.4	8.2	4.6	6.4	4.0	4.7	6.9	7.3	6.5	11.4
17	3.8	5.2	4.5	6.3	6.4	4.2	3.8	2.6	2.2	2.5	2.9	4.1	4.5	7.2	5.6	5.9	3.3	2.8	4.9	8.2	14.5	10.0	12.9	11.3	5.8	14.5
18	11.2	5.2	8.5	9.5	7.2	6.0	3.1	1.7	1.9	2.6	3.8	4.6	4.5	5.5	4.5	5.5	5.5	5.5	6.7	17.0	3.2	8.2	9.0	5.7	6.1	17.0
19	9.6	6.0	5.3	4.0	5.9	6.3	5.4	3.8	2.4	3.4	3.8	4.5	4.6	2.5	3.8	4.3	4.9	3.4	1.8	2.0	4.7	9.1	8.4	7.8	4.9	9.6
20	9.1	6.8	3.4	4.7	3.1	5.8	4.9	3.2	2.2	3.4	4.3	4.3	6.8	6.6	5.7	6.7	5.8	3.9	6.9	14.0	16.0	18.3	8.9	8.4	6.8	18.3
21	10.7	8.6	4.6	3.9	6.9	5.0	3.7	4.0	2.8	3.8	5.7	4.9	4.9	5.0	4.6	13.4	15.4	11.9	9.1	9.0	7.9	7.7	4.0	6.8	6.8	15.4
22	8.4	7.2	5.4	6.9	4.6	5.8	6.4	6.0	2.8	2.9	4.6	5.1	4.9	4.9	8.1	16.3	14.0	16.7	14.6	7.5	10.9	10.8	10.6	7.8	8.1	16.7
23	8.5	4.4	4.1	4.4	3.4	4.6	4.7	2.8	2.2	3.3	4.3	5.0	6.9	6.3	7.7	10.3	10.8	11.8	10.7	8.4	11.1	4.6	3.8	2.2	6.1	11.8
24	8.0	11.8	5.7	3.4	2.5	3.3	3.5	5.0	11.3	12.1	11.0	8.2	6.7	5.7	5.5	5.2	5.6	8.5	7.5	6.8	8.8	6.0	4.3	3.5	6.7	12.1
25	5.4	4.1	4.3	3.4	3.1	3.3	3.2	1.6	9.0	12.8	16.0	16.7	9.9	15.5	15.2	15.7	10.5	15.8	15.0	12.2	4.6	6.7	6.0	2.1	8.8	16.7
26	1.9	1.9	2.9	4.3	3.1	3.4	5.2	3.7	2.9	4.1	6.5	7.9	9.8	10.9	11.2	10.2	11.3	10.2	11.6	12.9	5.8	4.2	2.2	3.3	6.3	12.9
27	6.2	8.3	4.6	3.4	3.4	5.7	5.7	2.9	2.4	4.2	5.1	6.6	6.6	6.0	7.5	6.6	7.7	9.2	5.5	6.9	8.2	9.9	5.3	5.5	6.0	9.9
28	7.2	6.7	6.5	6.9	6.0	4.9	5.9	3.7	4.0	4.3	9.9	8.6	17.8	13.3	12.8	9.8	7.7	5.7	9.1	17.5	7.1	4.1	8.0	6.0	8.1	17.8
29	13.0	6.2	10.7	9.3	3.1	2.6	1.7	2.5	2.2	2.8	3.8	3.6	4.3	3.7	4.5	4.6	4.9	4.6	5.4	4.0	5.5	5.2	8.1	5.7	5.1	13.0
30	4.3	7.3	7.6	5.2	6.5	5.2	6.6	3.4	2.2	2.7	2.8	6.8	9.0	5.9	6.0	12.7	14.6	9.6	7.8	6.5	7.4	4.4	3.0	4.9	6.4	14.6
31	7.9	4.6	6.6	7.3	3.2	7.1	5.5	3.5	2.8	4.0	4.1	6.9	9.6	6.2	9.5	13.3	16.5	10.2	4.1	2.1	5.2	9.2	8.1	5.7	6.8	16.5
AV	7.5	6.4	6.0	5.5	5.6	5.9	5.6	4.4	4.1	5.0	5.8	6.3	7.0	7.0	7.8	9.6	9.1	8.2	7.2	8.7	7.9	8.3	7.6	6.3	6.8	24.7
SD	3.4	3.3	3.1	2.5	3.4	2.4	2.3	2.8	2.9	3.7	3.4	3.0	3.0	3.1	3.6	4.9	4.6	3.6	3.5	4.3	4.0	4.5	3.5	3.0	3.7	[ ]

QHOUT -- QU000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7.5	6.9	5.7	8.7	8.9	8.7	5.6	6.9	3.4	3.9	5.6	5.4	5.2	6.9	4.8	6.6	7.0	4.8	4.4	4.4	7.3	10.1	5.7	7.2	6.3	10.1
2	9.5	6.3	9.4	7.6	7.1	5.7	5.0	2.8	3.5	4.4	7.2	9.1	7.5	4.8	7.8	7.8	7.5	5.6	3.7	1.7	6.1	10.6	6.7	8.1	6.5	10.6
3	8.5	7.9	7.2	4.6	4.9	7.5	6.3	3.4	2.9	3.0	4.3	7.2	5.4	7.4	6.6	6.7	9.0	7.0	3.1	3.1	6.9	8.7	6.0	3.1	5.9	9.0
4	5.4	5.2	5.3	3.9	3.7	4.5	3.9	2.8	4.2	5.2	7.6	11.5	11.0	8.7	6.9	15.6	10.6	16.9	11.8	11.6	11.8	9.4	4.9	5.9	7.8	16.9
5	7.3	6.6	7.2	13.6	10.5	6.3	3.7	8.6	8.2	7.1	4.1	5.4	6.2	6.9	23.1	13.4	17.6	16.0	11.6	5.5	5.9	8.1	8.0	5.9	9.0	23.1
6	4.5	3.4	5.7	7.6	5.8	4.3	6.4	4.1	3.1	2.5	3.6	5.3	3.1	4.6	6.1	6.0	13.0	15.7	21.1	6.9	6.2	4.6	5.2	5.5	6.4	21.1
7	9.2	6.3	4.7	4.6	4.8	5.5	3.8	4.0	3.1	1.9	1.5	2.9	4.1	3.2	3.9	2.7	3.1	2.9	4.5	2.1	2.2	4.1	5.8	4.5	4.0	9.2
8	6.5	6.6	6.2	3.5	1.8	1.8	1.3	2.3	2.3	3.6	4.0	4.3	8.2	7.3	7.9	9.1	8.1	3.3	5.3	8.4	6.4	5.5	1.8	2.4	4.9	9.1
9	4.1	3.7	5.4	5.0	5.0	6.4	2.9	2.6	1.0	1.8	3.1	4.9	5.7	5.1	11.4	9.1	7.1	5.1	5.2	8.4	11.5	11.1	7.9	5.8	5.8	11.5
10	3.8	1.6	2.4	2.8	2.3	5.9	6.4	9.3	10.8	10.1	8.5	7.0	4.1	5.8	14.4	22.3	16.0	7.1	3.6	3.8	4.0	10.1	6.1	5.3	7.2	22.3
11	4.1	5.7	5.1	5.1	4.0	1.8	3.3	3.2	4.3	3.0	7.2	7.2	7.4	9.1	10.8	7.8	6.6	6.4	3.1	.3	1.0	.5	1.2	3.3	4.6	10.8
12	4.5	4.5	4.1	4.3	5.5	6.3	6.1	3.5	1.5	3.7	5.7	3.4	7.1	7.5	9.9	6.3	3.4	7.6	13.6	5.2	5.1	7.9	7.3	4.8	5.8	13.6
13	1.3	2.2	.7	.9	2.3	3.2	4.2	2.4	.7	1.1	8.6	8.3	10.1	4.7	1.3	3.8	4.1	2.0	1.2	5.2	2.2	5.6	4.7	5.7	3.6	10.1
14	2.2	1.3	1.1	2.4	2.3	2.2	2.0	1.7	1.3	3.1	2.6	2.2	7.9	8.5	8.6	8.6	2.9	1.1	3.8	4.6	4.8	3.5	1.1	3.5	3.5	8.6
15	1.9	2.6	4.4	3.6	3.7	5.5	4.1	3.5	1.0	.8	3.1	4.8	4.4	5.7	6.9	3.3	3.7	2.2	.8	3.0	3.9	4.8	5.5	3.6	3.6	6.9
16	1.2	3.8	2.7	3.3	3.5	.7	2.4	1.5	1.3	.6	3.1	6.5	8.7	6.6	6.8	10.7	11.6	4.4	3.2	3.0	6.1	7.3	6.7	7.3	4.7	11.6
17	7.6	4.4	3.1	1.4	1.7	3.7	4.7	3.1	.8	.8	2.2	2.9	4.7	3.6	6.3	5.4	2.9	1.9	3.8	7.2	7.8	4.8	8.2	7.5	4.2	8.2
18	5.9	8.0	8.4	6.3	3.3	3.3	5.3	3.8	.7	1.7	3.5	4.1	5.7	4.1	3.8	4.3	5.4	6.2	9.2	10.1	9.4	6.1	2.9	2.6	5.2	10.1
19	1.3	1.7	2.0	4.5	3.0	5.2	6.0	1.8	2.0	6.7	11.9	11.4	3.8	6.4	7.1	8.4	4.6	3.6	2.4	3.8	9.3	19.9	6.3	6.3	5.8	19.9
20	3.9	2.4	3.9	1.6	3.6	3.6	5.8	3.7	3.1	2.9	3.4	4.2	3.9	4.5	5.1	3.5	4.5	4.1	1.2	2.1	4.5	5.2	3.7	5.5	3.7	5.8
21	6.2	4.1	5.9	2.0	4.7	2.5	3.2	3.3	2.3	2.4	3.7	3.1	4.5	5.0	5.7	4.5	7.9	5.1	7.7	9.9	5.1	4.5	5.8	5.8	4.8	9.9
22	4.6	6.2	5.0	3.9	6.2	3.9	6.1	2.3	1.8	1.5	2.5	4.0	5.8	7.0	6.6	12.2	9.0	9.3	10.1	9.5	5.1	3.8	2.5	6.2	5.6	12.2
23	7.5	8.2	5.8	2.9	7.1	5.2	9.2	5.6	1.4	2.5	2.7	3.9	4.6	7.3	6.7	4.9	1.8	.4	2.1	5.7	5.3	6.0	7.4	6.3	5.0	9.2
24	6.9	6.3	5.7	5.6	2.7	6.1	5.6	2.7	.4	2.2	1.7	2.5	5.0	3.6	3.0	2.9	1.6	1.0	1.9	4.2	5.7	7.1	3.9	2.4	3.8	7.1
25	3.8	5.0	4.6	5.7	4.3	6.9	1.9	2.1	5.5	2.1	1.3	1.3	2.9	3.6	1.8	1.8	1.4	1.1	2.6	5.7	3.5	2.0	2.2	2.7	3.2	6.9
26	4.0	8.2	8.5	9.4	4.7	1.8	1.8	2.6	3.1	3.0	7.2	20.6	23.3	20.3	19.1	22.5	21.8	17.9	9.1	4.6	4.2	21.3	10.6	3.7	10.6	23.3
27	3.0	5.8	3.5	5.5	3.9	6.4	2.2	1.9	2.2	4.8	11.0	15.0	20.0	19.5	10.5	12.7	18.8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	8.6	20.0
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
AV	5.0	5.0	5.0	4.8	4.5	4.6	4.4	3.5	2.8	3.2	4.8	6.2	7.0	7.0	7.9	8.3	7.8	6.1	5.8	5.4	5.8	7.4	5.3	5.0	5.5	23.3
SD	2.4	2.1	2.2	2.8	2.1	2.0	1.9	1.9	2.3	2.1	2.9	4.3	4.7	4.1	4.8	5.4	5.5	5.1	4.8	2.9	2.6	4.7	2.4	1.7	3.7	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	6.5	5.7	6.0	3.6	2.4	1.8	5.1	7.8	7.8	8.9	10.0	6.0	10.0
3	10.4	5.3	4.2	6.1	7.4	6.0	5.2	3.0	1.3	1.7	3.1	5.7	5.2	4.3	5.2	4.0	4.6	1.9	3.1	5.7	4.1	6.7	8.0	7.3	5.0	10.4
4	7.3	8.1	7.6	3.8	7.1	5.1	4.3	6.3	1.2	1.0	3.3	4.9	3.4	3.9	4.1	5.2	5.3	3.8	4.4	8.1	11.3	7.4	14.0	6.1	5.7	14.0
5	1.4	1.7	3.1	6.9	6.6	6.8	6.1	3.7	6.5	6.6	8.7	6.4	8.4	7.2	13.8	11.6	7.0	7.4	6.9	7.0	5.3	2.4	2.4	8.2	6.3	13.8
6	8.1	7.8	8.3	6.8	6.0	6.4	4.9	2.4	2.4	3.1	3.3	3.4	5.2	5.0	5.2	4.1	6.3	3.1	1.3	4.3	7.0	5.5	8.3	8.0	5.3	8.3
7	8.7	8.0	4.1	4.7	7.4	3.5	3.2	.1	1.2	3.0	3.1	1.8	2.9	1.8	4.6	3.2	1.7	2.9	9.8	25.0	18.9	13.0	11.4	6.0	6.3	25.0
8	11.1	7.6	2.8	4.7	2.4	4.9	6.4	5.7	2.6	1.7	5.3	6.4	6.7	6.3	7.0	8.4	8.8	13.3	14.9	14.9	14.3	10.4	4.3	2.6	7.2	14.9
9	3.0	4.2	4.5	5.8	3.5	3.3	4.1	1.6	2.1	3.1	6.9	9.4	8.5	7.9	5.3	6.9	8.2	8.8	9.1	8.2	12.4	10.4	4.2	3.8	6.0	12.4
10	3.6	2.8	2.5	2.2	2.2	1.9	2.5	1.0	.8	2.6	5.4	8.8	7.3	7.9	7.4	5.8	6.7	5.0	5.3	2.7	3.5	5.5	6.5	9.6	4.6	9.6
11	6.5	6.3	7.0	8.0	3.5	4.6	5.6	5.0	3.0	2.4	3.1	3.5	4.1	2.9	4.9	7.2	5.5	.9	3.3	8.4	5.7	6.8	8.4	8.8	5.2	8.8
12	7.6	7.3	7.8	7.0	8.2	7.8	8.3	5.6	1.4	1.9	5.2	6.0	3.0	3.5	5.5	3.5	4.7	3.5	1.9	6.5	8.2	12.0	9.5	8.4	6.0	12.0
13	7.8	5.8	4.3	7.4	3.2	6.1	5.5	.5	2.1	2.7	4.2	6.6	6.9	4.9	5.3	4.3	3.8	2.3	2.4	4.2	8.9	10.8	11.8	11.4	5.5	11.8
14	8.8	6.5	6.4	7.0	8.4	5.1	6.0	4.7	1.0	1.5	1.5	2.0	3.0	4.5	5.0	5.0	3.0	2.0	2.2	4.8	7.2	9.5	9.3	10.2	5.2	10.2
15	9.3	8.5	6.8	4.1	4.0	5.7	5.6	4.2	.2	.7	1.0	2.3	2.5	5.1	5.6	4.7	2.8	1.8	5.9	11.1	8.9	6.5	7.6	8.1	5.1	11.1
16	8.3	4.2	5.7	5.7	2.3	5.3	5.1	4.9	.0	.4	.9	2.1	4.6	5.5	8.2	5.9	1.3	2.0	4.6	11.3	8.7	7.4	8.6	7.6	5.0	11.3
17	10.0	10.0	7.9	3.0	6.0	3.7	3.6	2.1	.5	.5	1.7	3.6	3.8	7.0	6.9	14.2	16.4	13.5	9.0	7.2	4.0	2.4	2.3	1.8	5.9	16.4
18	3.1	6.8	3.3	5.9	6.4	6.6	3.5	6.1	1.4	1.8	1.2	3.4	7.5	12.7	21.4	18.5	18.0	15.2	10.2	3.6	12.9	16.3	13.2	8.9	8.7	21.4
19	6.9	11.2	5.8	2.9	3.0	3.2	2.6	2.8	1.4	3.8	2.1	3.1	3.6	3.0	3.3	1.7	2.4	2.2	1.9	2.8	7.1	3.4	5.0	5.2	3.8	11.2
20	6.9	6.4	3.0	6.3	4.9	2.9	6.1	2.9	.0	.7	2.6	2.8	2.0	3.2	3.2	2.3	2.1	.7	3.6	6.8	8.6	9.6	7.2	5.6	4.2	9.6
21	9.6	11.0	5.8	7.0	5.9	5.3	4.1	3.7	.3	.7	.9	2.5	2.1	3.7	3.1	1.5	1.7	1.1	4.1	9.3	6.6	8.1	10.0	8.0	4.8	11.0
22	7.7	8.8	8.8	7.7	4.6	4.1	2.7	3.4	.0	.0	.6	.6	2.5	2.6	3.7	4.9	2.8	.7	2.8	4.9	6.1	8.0	7.6	7.9	4.3	8.8
23	7.4	7.0	8.6	3.7	8.0	4.7	1.9	3.7	2.0	1.3	.3	2.6	4.4	4.0	4.6	4.1	3.0	2.4	4.1	7.6	8.0	8.0	6.0	5.2	4.7	8.6
24	1.2	4.1	6.1	2.5	4.0	6.7	7.2	6.2	1.0	1.0	1.3	.3	1.5	4.5	2.5	2.4	3.1	2.8	3.7	3.0	1.5	5.0	5.4	.8	3.2	7.2
25	1.9	6.6	3.5	3.8	4.7	1.6	3.5	1.4	.1	.0	3.8	7.3	6.6	5.0	4.7	3.8	.0	.5	2.7	5.2	8.2	6.2	2.7	5.5	3.7	8.2
26	5.2	2.6	5.7	1.9	1.8	2.1	3.1	1.4	.4	3.9	21.8	20.6	21.6	19.1	14.8	18.9	19.8	10.7	9.0	20.0	16.7	4.1	4.8	4.3	9.8	21.8
27	2.9	2.7	.6	7.1	14.5	5.1	12.5	5.0	2.3	3.2	3.3	3.8	4.8	3.8	3.4	13.1	9.4	9.3	7.6	5.3	6.6	8.2	6.1	5.8	6.1	14.5
28	7.5	7.0	7.4	7.8	6.8	9.2	7.6	8.8	7.9	3.8	2.5	3.4	2.7	1.4	3.2	.8	.8	3.0	8.6	3.9	4.2	2.2	1.0	2.0	4.7	9.2
29	1.7	.5	.4	1.0	2.6	2.1	1.3	1.3	4.6	10.3	6.4	8.0	8.7	10.8	10.4	11.1	8.9	9.8	1.7	.6	.7	.0	.0	.0	4.3	11.1
30	.2	.2	.0	.0	1.1	.1	.1	.0	.0	.0	.5	1.8	2.5	2.4	1.9	3.5	.4	3.1	.8	.1	.7	.0	.1	.0	.8	3.5
31	1.0	.0	.0	.0	.0	.0	.0	.0	.4	1.5	1.9	1.4	.6	.0	.5	.3	.0	.0	1.3	2.4	2.3	.9	2.4	2.3	.8	2.4
AV	6.0	5.8	4.9	4.9	5.1	4.5	4.6	3.4	1.7	2.2	3.7	4.6	5.1	5.3	6.0	6.2	5.4	4.5	4.9	7.0	7.5	6.8	6.6	6.0	5.1	25.0
SD	3.3	3.1	2.6	2.4	2.9	2.2	2.6	2.2	1.9	2.2	4.1	3.9	3.9	3.7	4.2	4.8	5.1	4.3	3.4	5.3	4.4	3.9	3.7	3.2	3.8	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	4.0	5.0	7.0	6.0	5.0	4.0	6.0	4.0	3.0	3.0	4.1	4.5	4.5	2.9	1.8	8.7	6.7	7.2	2.0	2.4	1.5	7.6	9.0	4.8	9.0
2	3.1	1.9	2.2	4.7	4.1	1.9	2.5	4.4	1.8	2.2	3.5	10.9	8.0	6.7	7.2	7.3	5.6	7.7	4.6	3.0	5.7	8.1	7.8	9.0	5.2	10.9
3	5.9	2.7	5.9	3.7	5.1	5.7	5.5	3.5	2.3	1.1	2.0	3.1	3.4	2.5	2.7	2.2	4.1	5.5	3.2	5.1	5.7	7.2	6.1	9.4	4.3	9.4
4	7.6	7.2	7.3	5.5	4.9	3.2	6.3	2.5	3.2	1.2	1.7	3.0	4.3	4.0	4.1	5.2	5.6	6.4	2.5	5.2	7.4	9.5	8.0	8.7	5.2	9.5
5	7.6	6.7	5.9	5.8	5.4	3.1	6.3	3.5	2.9	2.0	1.7	2.7	2.9	2.7	4.3	4.9	5.7	7.2	3.2	5.5	7.1	7.8	8.3	9.3	5.1	9.3
6	7.2	3.9	4.0	5.8	6.2	6.9	.6	2.1	2.0	1.6	1.6	3.0	4.1	4.0	3.0	2.3	4.0	12.7	14.0	12.9	11.0	6.0	5.5	5.7	5.4	14.0
7	8.1	9.2	3.6	2.4	5.5	3.4	3.4	3.7	2.5	1.2	.7	2.0	1.9	3.1	4.9	3.7	2.7	1.8	6.5	7.5	5.7	2.8	2.7	2.8	3.8	9.2
8	3.1	5.0	17.0	25.0	15.0	15.2	12.2	13.8	15.0	12.0	3.0	7.0	6.0	[SA]	2.0	3.1	3.0	4.7	3.5	2.4	4.2	4.9	6.1	2.5	8.1	25.0
9	3.1	2.7	2.0	4.9	4.9	1.3	2.7	1.1	1.8	1.6	3.5	2.2	16.6	19.0	14.0	14.9	8.5	4.4	4.7	4.0	5.0	6.0	5.0	3.0	5.7	19.0
10	2.2	1.2	4.9	4.7	4.1	3.8	4.7	4.9	2.6	3.0	11.0	18.0	15.9	15.0	8.0	11.3	12.3	9.4	1.9	3.9	4.1	3.1	2.1	1.3	6.4	18.0
11	1.0	1.5	5.5	6.5	6.0	6.9	5.5	1.8	3.4	5.1	5.4	4.4	8.7	6.3	5.8	4.3	3.6	7.2	11.3	7.8	8.0	6.5	7.6	6.2	5.7	11.3
12	5.0	6.4	10.8	11.5	5.9	8.7	12.8	12.4	5.0	2.8	2.3	2.0	1.0	2.2	2.6	2.5	1.9	2.4	5.4	7.5	3.9	3.1	3.4	1.6	5.1	12.8
13	4.1	4.9	6.1	4.5	4.8	2.8	2.4	2.1	2.5	4.2	2.0	3.8	7.4	13.0	22.0	22.7	19.5	22.0	8.0	2.8	4.7	1.5	4.6	4.9	7.4	22.7
14	5.2	6.9	7.3	4.6	7.8	7.5	5.2	5.3	5.7	2.5	1.9	1.9	3.0	3.0	3.3	5.7	2.6	.2	2.3	5.2	6.9	6.7	7.8	5.7	4.8	7.8
15	4.1	6.2	7.9	6.2	4.6	2.8	1.3	3.1	2.2	1.2	1.7	2.6	4.9	4.7	4.4	3.7	4.9	3.1	2.8	1.6	4.7	5.3	5.7	7.1	4.0	7.9
16	7.0	7.0	7.4	4.5	2.5	4.1	3.9	5.4	5.2	1.7	1.5	1.9	2.5	2.0	2.4	3.1	3.1	1.7	2.6	6.2	4.8	4.3	5.3	3.0	3.9	7.4
17	2.9	2.3	3.6	4.5	2.5	2.0	2.8	4.3	5.2	1.0	1.8	2.8	3.4	3.0	3.7	3.1	3.1	2.5	2.0	4.0	4.4	3.2	2.2	2.5	3.0	5.2
18	1.7	2.1	.2	.0	.1	.6	.6	.6	.0	.0	.2	1.2	1.4	1.9	2.5	11.3	13.6	5.7	2.6	3.2	7.5	6.0	12.5	10.3	3.6	13.6
19	13.7	13.4	11.9	11.2	9.4	12.0	9.0	12.9	13.6	23.4	13.1	7.6	9.6	12.4	11.0	8.6	5.6	2.6	2.1	6.7	5.9	4.8	3.8	5.2	9.6	23.4
20	3.3	5.0	4.5	5.3	5.5	6.3	5.3	3.1	3.0	.9	1.4	2.4	2.5	2.7	3.1	1.4	.0	2.5	4.8	4.4	3.9	3.1	2.3	3.9	3.4	6.3
21	3.8	4.7	5.1	6.4	7.7	5.2	5.9	5.0	2.3	.0	.9	1.5	2.1	4.0	4.1	2.2	2.9	2.4	3.1	4.4	5.0	4.7	3.3	2.8	3.7	7.7
22	4.0	2.8	1.9	1.3	1.1	.0	.2	.0	.0	.0	.0	1.0	1.1	.0	4.5	5.0	2.6	3.8	5.2	2.5	1.6	1.9	3.3	3.5	2.0	5.2
23	2.4	1.3	1.6	.8	3.1	4.2	3.4	4.5	4.4	2.3	4.1	4.1	4.6	5.7	6.9	5.4	3.3	1.6	.5	.1	2.7	5.4	4.6	5.1	3.4	6.9
24	5.9	5.7	4.0	2.2	1.2	.9	1.3	.4	.0	.0	1.0	.7	1.3	.9	.4	.5	.0	.0	.2	.0	.0	.5	.1	1.0	1.2	5.9
25	1.8	2.5	2.4	1.2	.9	1.5	1.5	3.6	2.6	.7	1.5	1.6	1.2	1.5	1.9	2.0	.6	.0	1.8	.5	.4	.0	1.4	2.7	1.5	3.6
26	.1	.0	1.5	.0	.5	3.6	3.1	2.8	1.1	1.1	1.7	1.9	1.5	1.3	.8	.3	.9	1.3	.9	3.3	5.5	6.3	6.5	4.4	2.1	6.5
27	.3	4.6	3.2	3.4	3.5	3.1	1.2	3.4	2.3	.3	.9	1.6	1.9	3.3	3.8	3.1	2.2	.4	.5	3.1	2.6	2.9	3.6	3.4	2.4	4.6
28	3.6	3.6	2.2	1.3	1.3	1.5	1.7	2.7	1.2	.1	.2	.7	.5	.5	1.6	1.7	2.1	1.4	.5	.7	.8	1.7	.7	2.3	1.4	3.6
29	.3	.0	.0	1.1	1.2	.1	.0	2.5	.6	.4	.8	.7	2.9	1.9	1.3	1.8	1.5	.7	1.4	.8	.3	1.3	.7	1.1	1.0	2.9
30	1.9	7.7	2.0	1.4	2.2	1.5	.5	.0	.8	1.2	2.3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	2.0	7.7
AV	4.2	4.4	4.9	4.9	4.4	4.2	3.9	4.0	3.3	2.6	2.5	3.5	4.5	4.7	4.8	5.0	4.6	4.4	3.8	4.0	4.5	4.3	4.8	4.7	4.2	25.0
SD	2.9	2.9	3.6	4.7	3.1	3.4	3.2	3.4	3.4	4.5	2.9	3.6	4.1	4.6	4.4	4.8	4.3	4.6	3.2	2.8	2.5	2.5	2.8	2.8	3.6	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:17]

MILES/HOUR
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	2.7	2.6	3.6	3.4	3.5	1.6	.1	1.1	1.6	3.1	4.1	3.3	2.6	4.1
4	1.6	2.8	4.7	2.7	1.3	2.6	2.4	2.2	1.1	1.5	1.4	2.2	1.8	1.2	.7	1.3	3.8	.8	.2	.8	2.9	1.1	1.8	4.0	2.0	4.7
5	17.4	3.2	2.1	2.1	2.7	2.8	2.5	1.3	.5	.0	.0	1.8	2.1	1.7	.9	1.4	1.3	.1	.8	2.4	3.5	4.7	4.1	1.3	2.5	17.4
6	.6	3.5	1.0	.1	2.8	1.0	4.4	1.3	.3	.1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1.5	4.4
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.8	.2	.6	1.5	2.6	4.4	2.8	1.8	1.5	3.1	3.2	5.9	6.4	6.8	3.0	6.8
12	6.4	5.0	4.8	1.3	1.7	.2	.4	.2	.5	.7	2.5	2.6	.9	1.2	.5	1.6	1.4	.1	.0	.0	.0	1.8	.4	3.7	1.6	6.4
13	4.8	3.7	1.4	.0	.0	.5	2.9	2.2	1.6	.2	3.1	.8	1.1	2.8	4.8	3.2	1.6	2.3	2.7	5.8	1.8	2.4	4.1	6.0	2.5	6.0
14	5.5	5.5	7.0	7.3	5.7	5.0	9.8	10.5	8.4	5.2	1.2	.4	.0	.7	1.7	2.7	3.6	.9	1.3	3.4	5.6	5.0	6.4	2.4	4.4	10.5
15	1.7	1.4	.5	.9	1.5	1.1	1.3	1.7	.0	.0	.0	.1	2.1	1.7	2.0	2.3	3.7	1.9	2.6	2.4	1.7	.4	.0	.0	1.3	3.7
16	.0	.0	1.5	2.3	.8	1.6	2.5	1.6	1.2	.9	.0	1.5	.9	1.0	1.3	2.7	2.0	2.9	2.9	1.9	1.4	1.0	2.6	2.6	1.5	2.9
17	1.5	1.2	2.7	2.0	2.5	3.4	1.7	1.3	3.4	.4	.2	.9	.0	.4	.9	.6	1.7	.0	.7	.0	.1	1.2	.8	2.8	1.3	3.4
18	.8	.7	.6	.2	2.3	2.8	2.7	.0	2.4	2.8	2.5	4.0	3.1	1.6	1.1	.6	.6	6.0	7.7	8.3	4.3	6.7	6.8	5.9	3.1	8.3
19	3.0	3.2	4.6	3.3	2.1	1.8	3.5	1.8	.0	.0	.0	.7	.7	.7	1.9	1.8	1.1	.1	1.1	3.4	3.0	.9	3.2	3.1	1.9	4.6
20	2.6	2.3	1.7	.7	2.7	1.5	.6	2.2	2.9	.8	.1	.6	.0	.2	1.1	1.4	.3	.8	1.8	.1	1.4	1.3	.7	1.8	1.2	2.9
21	1.5	.9	.0	.2	1.4	2.1	.5	.4	.0	.0	.0	.7	.4	.5	.6	.0	.7	.2	2.3	2.2	3.6	1.8	1.3	1.0	.9	3.6
22	.0	.0	.0	.3	.0	.7	.6	2.2	1.3	.0	1.5	3.0	3.2	8.9	10.0	8.3	13.7	4.7	2.1	3.2	3.2	2.2	2.0	1.3	3.0	13.7
23	1.7	1.2	2.9	5.7	4.6	3.5	7.3	13.9	4.2	1.7	1.7	3.8	.3	7.4	12.0	3.0	.0	2.5	1.5	2.0	2.9	6.1	.6	.5	3.8	13.9
24	4.3	2.3	2.5	1.5	1.1	9.5	8.8	9.4	13.9	5.4	6.3	10.9	8.3	14.0	16.8	17.2	15.5	12.7	14.0	15.8	13.0	13.6	10.4	3.7	9.6	17.2
25	2.5	3.0	2.3	5.0	2.5	.5	2.0	1.0	3.0	.5	1.5	2.0	6.0	6.0	1.5	.0	1.3	1.4	3.4	6.8	8.2	8.9	6.0	4.9	3.3	8.9
26	6.1	7.4	3.2	4.4	2.3	3.8	3.8	2.4	1.5	.0	.4	1.1	1.2	1.7	4.2	3.1	3.4	2.1	2.2	3.4	3.4	4.2	5.5	3.2	3.1	7.4
27	4.4	5.1	5.8	5.4	3.5	2.5	1.9	1.4	.7	.3	.3	1.3	.9	.7	2.6	4.5	1.1	1.2	.2	1.7	3.5	2.1	1.7	.2	2.2	5.8
28	.6	3.0	1.4	3.5	3.0	5.4	8.1	4.3	4.4	.7	.4	.1	.0	.5	1.0	.8	3.6	2.5	1.5	6.6	6.5	6.9	4.3	6.3	3.1	8.1
29	7.8	6.5	2.9	.7	2.1	2.6	1.7	.8	.4	.0	.2	.7	.3	.2	.7	2.3	2.7	.9	2.3	3.3	3.7	3.5	4.2	4.0	2.3	7.8
30	3.5	4.4	3.6	5.4	1.3	1.9	1.6	4.9	2.8	.6	.0	.1	.3	.2	1.9	.9	.3	1.3	1.3	5.9	5.4	1.2	1.2	2.9	2.2	5.9
31	5.9	3.5	1.4	1.3	.9	3.1	4.4	2.2	1.5	.7	.5	.4	1.1	1.5	1.1	3.0	2.5	1.2	1.2	3.2	3.8	4.4	4.8	2.7	2.3	5.9
AV	3.7	3.0	2.5	2.4	2.1	2.6	3.3	3.0	2.4	1.0	1.1	1.7	1.6	2.5	3.1	2.9	3.0	2.1	2.3	3.6	3.7	3.8	3.5	3.1	2.7	17.4
SD	3.7	2.0	1.9	2.2	1.3	2.0	2.7	3.5	3.2	1.5	1.5	2.3	2.0	3.3	4.1	3.5	3.8	2.7	2.9	3.4	2.7	3.1	2.6	1.9	2.8	[ ]

QHOUT -- 00000 <811111.1807>

WIND DIRECTION [CC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	0	96	352	52	228	189	337	113	162	235	221	355	297	280	248	234	227	186	166	160	195	148	167	179	8
2	174	165	166	165	133	115	92	156	131	144	62	276	290	283	286	293	289	280	204	129	117	163	177	174	8
3	179	177	156	157	163	156	160	159	147	157	107	145	252	308	35	31	117	137	164	188	319	274	358	308	8
4	283	348	310	234	175	192	187	179	179	190	190	197	201	202	272	279	297	259	232	237	216	208	231	233	10
5	221	292	342	281	304	292	285	262	295	280	292	281	276	314	304	260	268	261	287	259	351	142	167	255	14
6	198	287	271	227	258	284	300	299	317	308	9	46	70	73	74	54	69	71	55	68	77	63	169	165	4
7	160	163	132	155	141	127	143	121	80	89	39	352	312	299	344	342	349	252	63	154	139	135	165	149	7
8	119	140	111	121	56	112	76	59	110	31	322	315	294	269	293	280	314	209	73	147	140	64	125	156	6
9	156	108	121	94	82	161	85	105	187	85	7	307	291	275	277	274	325	298	209	123	147	149	156	167	5
10	71	55	155	230	69	160	167	146	136	34	36	250	284	290	298	261	273	318	264	204	157	161	118	139	8
11	118	136	124	142	124	110	149	72	65	64	257	284	348	265	346	312	243	281	194	348	18	181	74	147	7
12	88	97	132	92	116	110	310	293	352	16	225	304	320	288	293	269	270	28	203	224	174	166	113	101	6
13	60	52	48	76	63	114	149	167	166	173	183	155	254	283	312	9	56	28	109	170	143	150	53	131	8
14	157	145	144	129	96	166	130	136	132	75	40	340	285	284	298	314	302	258	162	166	204	22	109	147	7
15	148	97	126	180	170	168	159	157	135	135	172	256	283	319	291	246	233	105	144	158	164	165	169	152	8
16	157	139	172	151	143	105	105	149	137	113	66	76	242	277	257	252	255	201	198	199	199	173	197	173	10
17	216	223	231	250	307	263	262	266	270	249	311	22	352	260	262	220	214	196	131	139	120	324	316	13	[VA]
18	232	237	302	346	4	353	32	67	88	120	6	335	233	282	251	197	225	219	208	225	201	127	157	156	11
19	153	134	167	62	65	69	33	51	45	47	354	313	297	294	259	234	229	227	220	182	240	279	282	14	3
20	136	151	161	158	63	101	71	60	110	30	358	265	220	214	203	218	211	187	222	44	86	62	79	113	4
21	165	179	174	174	173	167	167	164	161	171	253	281	297	268	187	153	160	185	190	344	284	210	171	254	9
22	276	338	114	161	163	155	149	161	205	198	188	252	273	261	280	279	277	272	271	287	164	167	164	163	[VA]
23	162	176	172	166	107	101	39	51	110	79	35	14	292	325	33	44	63	42	80	76	74	73	64	355	4
24	282	152	110	131	87	137	148	45	181	343	308	281	273	271	264	0	19	133	109	93	131	150	147	168	7
25	182	172	159	77	146	77	82	77	83	50	73	296	275	299	323	270	261	280	43	154	239	264	136	173	[VA]
26	164	147	182	163	60	156	123	81	162	357	299	318	290	277	296	354	307	43	18	305	352	136	121	96	8
27	207	219	268	270	280	270	274	280	277	269	328	298	250	326	314	64	23	0	111	156	153	159	160	150	13
28	150	139	113	143	158	154	85	97	85	276	244	190	285	6	352	335	278	277	248	171	301	333	151	210	8
29	148	20	335	344	180	161	16	299	293	230	266	296	289	277	239	235	318	329	71	114	154	158	159	168	[VA]
30	160	155	161	106	139	128	133	68	89	305	22	21	341	264	274	301	4	18	50	119	159	156	160	105	8
31	89	259	125	160	133	153	65	109	126	311	293	277	304	358	357	310	246	261	318	28	112	154	205	122	6
PV	9	8	7	8	7	8	8	4	7	3	3	13	14	14	13	13	13	13	10	8	7	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:10]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	N	E	N	NE	SW	S	NNW	ESE	SSE	SW	SW	N	WNW	W	WSW	SW	SW	S	SSE	SSE	SSW	SSE	SSE	S	SSE
2	S	SSE	SSE	SSE	SE	ESE	E	SSE	SE	SE	ENE	W	WNW	WNW	WNW	WNW	WNW	W	SSW	SE	ESE	SSE	S	S	SSE
3	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ESE	SE	WSW	NW	NE	NNE	ESE	SE	SSE	S	NW	W	N	NW	SSE
4	WNW	NNW	NW	SW	S	SSW	S	S	S	S	S	SSW	SSW	SSW	W	W	WNW	W	SW	WSW	SW	SSW	SW	SW	SSW
5	SW	WNW	NNW	W	NW	WNW	WNW	W	WNW	W	WNW	W	W	NW	NW	W	W	W	WNW	W	N	SE	SSE	WSW	WNW
6	SSW	WNW	W	SW	WSW	WNW	WNW	WNW	NW	NW	N	NE	ENE	ENE	ENE	NE	ENE	ENE	NE	E	ENE	ENE	S	SSE	ENE
7	SSE	SSE	SE	SSE	SE	SE	SE	ESE	E	E	NE	N	NW	WNW	NNW	NNW	N	WSW	ENE	SSE	SE	SE	SSE	SSE	SE
8	ESE	SE	ESE	ESE	NE	ESE	ENE	ENE	ESE	NNE	NW	NW	WNW	W	WNW	W	NW	SSW	ENE	SSE	SE	ENE	SE	SSE	ESE
9	SSE	ESE	ESE	E	E	SSE	E	ESE	S	E	N	NW	WNW	W	W	W	NW	WNW	SSW	ESE	SSE	SSE	SSE	SSE	E
10	ENE	NE	SSE	SW	ENE	SSE	SSE	SE	SE	NE	NE	WSW	WNW	WNW	WNW	W	W	NW	W	SSW	SSE	SSE	ESE	SE	SSE
11	ESE	SE	SE	SE	SE	ESE	SSE	ENE	ENE	ENE	WSW	WNW	NNW	WNW	NNW	NW	WSW	W	SSW	NNW	NNE	S	ENE	SSE	SE
12	E	E	SE	E	ESE	ESE	NW	WNW	N	NNE	SW	NW	NW	WNW	WNW	W	W	NNE	SSW	SW	S	SSE	ESE	E	ESE
13	ENE	NE	NE	ENE	ENE	ESE	SSE	SSE	SSE	S	S	SSE	WSW	WNW	NW	N	NE	NNE	ESE	S	SE	SSE	NE	SE	SSE
14	SSE	SE	SE	SE	E	SSE	SE	SE	SE	ENE	NE	NNW	WNW	WNW	WNW	NW	WNW	WSW	SSE	SSE	SSW	NNE	ESE	SSE	SE
15	SSE	E	SE	S	S	SSE	SSE	SSE	SE	SE	S	WSW	WNW	NW	WNW	WSW	SW	ESE	SE	SSE	SSE	SSE	S	SSE	SSE
16	SSE	SE	S	SSE	SE	ESE	ESE	SSE	SE	ESE	ENE	ENE	WSW	W	WSW	WSW	WSW	SSW	SSW	SSW	SSW	S	SSW	S	SSW
17	SW	SW	SW	WSW	NW	W	W	W	W	WSW	NW	NNE	N	W	W	SW	SW	SSW	SE	SE	ESE	NW	NW	NNE	[VA]
18	SW	WSW	WNW	NNW	N	N	NNE	ENE	E	ESE	N	NNW	SW	WNW	WSW	SSW	SW	SW	SSW	SW	SSW	SE	SSE	SSE	SW
19	SSE	SE	SSE	ENE	ENE	ENE	NNE	NE	NE	NE	N	NW	WNW	WNW	W	SW	SW	SW	SW	S	WSW	W	WNW	NNE	NE
20	SE	SSE	SSE	SSE	ENE	E	ENE	ENE	ESE	NNE	N	W	SW	SW	SSW	SW	SSW	S	SW	NE	E	ENE	E	ESE	ENE
21	SSE	S	S	S	S	SSE	SSE	SSE	SSE	S	WSW	W	WNW	W	S	SSE	SSE	S	S	NNW	WNW	SSW	S	WSW	S
22	W	NNW	ESE	SSE	SSE	SSE	SSE	SSE	SSW	SSW	S	WSW	W	W	W	W	W	W	W	WNW	SSE	SSE	SSE	SSE	[VA]
23	SSE	S	S	SSE	ESE	E	NE	NE	ESE	E	NE	NNE	WNW	NW	NNE	NE	ENE	NE	E	ENE	ENE	ENE	ENE	N	ENE
24	WNW	SSE	ESE	SE	E	SE	SSE	NE	S	NNW	NW	W	W	W	W	N	NNE	SE	ESE	E	SE	SSE	SSE	SSE	SE
25	S	S	SSE	ENE	SE	ENE	E	ENE	E	NE	ENE	WNW	W	WNW	NW	W	W	W	NE	SSE	WSW	W	SE	S	[VA]
26	SSE	SSE	S	SSE	ENE	SSE	ESE	E	SSE	N	WNW	NW	WNW	W	WNW	N	NW	NE	NNE	NW	N	SE	ESE	E	SSE
27	SSW	SW	W	W	W	W	W	W	W	WNW	NNW	WNW	WSW	NW	NW	ENE	NNE	N	ESE	SSE	SSE	SSE	SSE	SSE	W
28	SSE	SE	ESE	SE	SSE	SSE	E	E	E	W	WSW	S	WNW	N	N	NNW	W	W	WSW	S	WNW	NNW	SSE	SSW	SSE
29	SSE	NNE	NNW	NNW	S	SSE	NNE	WNW	WNW	SW	W	WNW	WNW	W	WSW	SW	NW	NNW	ENE	ESE	SSE	SSE	SSE	SSE	[VA]
30	SSE	SSE	SSE	ESE	SE	SE	SE	ENE	E	NW	NNE	NNE	NNW	WNW	W	WNW	N	NNE	NE	ESE	SSE	SSE	SSE	ESE	SSE
31	E	W	SE	SSE	SE	SSE	ENE	ESE	SE	NW	WNW	W	NW	N	N	NW	WSW	W	NW	NNE	ESE	SSE	SSW	ESE	ESE
PV	S	SSE	SE	SSE	SE	SSE	SSE	ENE	SE	NE	NE	W	WNW	WNW	W	W	W	W	SSW	SSE	SE	SSE	SSE	SSE	SSE

WHOUT -- 00004 (811027.1411)

WIND DIRECTION [DC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	184	159	269	172	165	192	178	165	186	224	219	154	285	282	236	325	333	22	63	86	71	98	66	15	9
2	45	143	141	163	28	162	158	150	189	160	264	319	254	267	84	42	58	109	164	153	161	171	167	164	8
3	177	192	175	178	130	55	55	169	196	160	170	177	342	8	14	51	61	74	78	79	87	81	78	78	4
4	82	100	111	102	109	103	95	86	89	90	80	72	51	56	57	53	72	80	83	84	88	101	100	137	5
5	164	160	169	168	167	165	162	168	141	80	325	320	305	342	327	334	304	345	2	50	159	165	165	158	8
6	153	161	163	164	145	130	160	156	108	139	301	280	273	259	306	314	346	325	283	154	154	162	159	161	7
7	160	167	163	164	160	166	122	65	101	280	289	296	275	288	288	343	289	337	350	100	155	173	150	165	8
8	155	152	152	161	72	93	36	87	279	198	287	323	185	281	285	348	69	81	82	81	97	119	171	166	5
9	168	168	165	162	166	162	152	160	119	71	323	302	295	281	275	283	336	316	206	106	152	168	176	156	8
10	36	176	125	170	180	103	89	149	127	48	330	309	288	354	355	356	351	30	95	153	169	163	171	169	9
11	161	158	154	174	80	81	173	178	198	1	[PF]	236	150	178	40	109	285	350	79	160	157	146	167	158	8
12	150	137	91	74	148	152	119	160	98	15	325	295	294	274	282	331	321	312	137	170	167	167	158	157	8
13	145	152	159	137	171	162	163	141	178	330	349	340	281	273	277	266	343	338	140	318	55	52	82	160	8
14	60	74	158	126	59	170	160	56	4	281	250	276	353	350	303	322	292	277	76	151	163	149	159	158	8
15	89	162	152	129	154	104	105	141	88	28	39	340	330	257	286	358	6	161	135	160	132	161	163	152	7
16	144	162	168	55	74	72	200	144	188	81	7	347	259	337	288	62	102	171	168	70	126	159	118	65	8
17	176	207	112	76	62	90	107	69	48	3	303	288	278	315	336	343	301	275	255	159	104	146	133	189	6
18	173	161	186	184	225	154	133	117	171	209	334	49	359	315	330	311	338	323	5	118	165	165	161	157	8
19	143	158	139	159	134	99	154	149	147	30	91	316	300	286	323	356	16	24	61	177	179	305	168	171	8
20	160	122	153	159	134	146	149	141	158	76	338	313	348	334	330	304	300	286	259	261	172	168	165	161	8
21	150	150	134	165	138	149	156	140	107	216	324	295	317	305	318	321	322	288	253	183	169	172	161	143	8
22	144	168	152	148	76	113	110	71	63	329	289	293	299	347	355	317	290	356	153	152	157	170	139	17	8
23	338	355	352	52	172	11	277	211	163	173	248	320	283	271	253	266	269	300	292	276	142	176	164	169	13
24	146	151	157	95	76	60	92	144	145	4	354	7	0	10	356	344	31	56	67	49	267	161	169	157	[VA]
25	164	170	150	157	173	139	155	156	154	239	309	3	354	344	324	325	325	341	9	133	167	164	156	160	8
26	158	143	129	145	152	151	153	136	125	113	355	307	317	304	24	105	154	157	169	171	167	166	168	156	8
27	153	155	135	153	144	173	156	181	262	347	325	303	278	274	277	168	133	169	170	174	180	171	175	173	8
28	161	152	151	143	156	159	146	144	150	265	283	278	287	343	340	269	47	195	83	158	169	162	189	162	8
PV	8	8	8	8	8	8	8	8	8	1	15	15	14	16	14	16	[VA]	15	4	8	8	8	8	8	8

UNOUT -- 00001 <811111.1750>

WIND DIRECTION [DEG:18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	SSE	W	S	SSE	SSW	S	SSE	S	SW	SW	SSE	WNW	WNW	SW	NW	NNW	NNE	ENE	E	ENE	E	ENE	NNE	S
2	NE	SE	SE	SSE	NNE	SSE	SSE	SSE	S	SSE	W	NW	WSW	W	E	NE	ENE	ESE	SSE	SSE	SSE	S	SSE	SSE	SSE
3	S	SSW	S	S	SE	NE	NE	S	SSW	SSE	S	S	NNW	N	NNE	NE	ENE	ENE	ENE	E	E	E	ENE	ENE	ENE
4	E	E	ESE	ESE	ESE	ESE	E	E	E	E	E	ENE	NE	NE	ENE	NE	ENE	E	E	E	E	E	E	SE	E
5	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SE	E	NW	NW	NW	NNW	NNW	NNW	NW	NNW	N	NE	SSE	SSE	SSE	SSE	SSE
6	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	ESE	SE	WNW	W	W	W	NW	NW	NNW	NW	WNW	SSE	SSE	SSE	SSE	SSE	SE
7	SSE	SSE	SSE	SSE	SSE	SSE	ESE	ENE	E	W	WNW	WNW	W	WNW	WNW	NNW	WNW	NNW	N	E	SSE	S	SSE	SSE	SSE
8	SSE	SSE	SSE	SSE	ENE	E	NE	E	W	SSW	WNW	NW	S	W	WNW	NNW	ENE	E	E	E	E	ESE	S	SSE	E
9	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ESE	ENE	NW	WNW	WNW	W	W	WNW	NNW	NW	SSW	ESE	SSE	SSE	S	SSE	SSE
10	NE	S	SE	S	S	ESE	E	SSE	SE	NE	NNW	NW	WNW	N	N	N	N	NNE	E	SSE	S	SSE	S	S	S
11	SSE	SSE	SSE	S	E	E	S	S	SSW	N	[PF]	SW	SSE	S	NE	ESE	WNW	N	E	SSE	SSE	SE	SSE	SSE	SSE
12	SSE	SE	E	ENE	SSE	SSE	ESE	SSE	E	NNE	NW	WNW	WNW	W	WNW	NNW	NW	NW	SE	S	SSE	SSE	SSE	SSE	SSE
13	SE	SSE	SSE	SE	S	SSE	SSE	SE	S	NNW	N	NNW	W	W	W	W	NNW	NNW	SE	NW	NE	NE	E	SSE	SSE
14	ENE	ENE	SSE	SE	ENE	S	SSE	NE	N	W	WSW	W	N	N	WNW	NW	WNW	W	ENE	SSE	SSE	SSE	SSE	SSE	SSE
15	E	SSE	SSE	SE	SSE	ESE	ESE	SE	E	NNE	NE	NNW	NNW	WSW	WNW	N	N	SSE	SE	SSE	SE	SSE	SSE	SSE	SE
16	SE	SSE	SSE	NE	ENE	ENE	SSW	SE	S	E	N	NNW	W	NNW	WNW	ENE	ESE	S	SSE	ENE	SE	SSE	ESE	ENE	SSE
17	S	SSW	ESE	ENE	ENE	E	ESE	ENE	NE	N	WNW	WNW	W	NW	NNW	NNW	WNW	W	WSW	SSE	ESE	SE	SE	S	ESE
18	S	SSE	S	S	SW	SSE	SE	ESE	S	SSW	NNW	NE	N	NW	NNW	NW	NNW	NW	N	ESE	SSE	SSE	SSE	SSE	SSE
19	SE	SSE	SE	SSE	SE	E	SSE	SSE	SSE	NNE	E	NW	WNW	WNW	NW	N	NNE	NNE	ENE	S	S	NW	SSE	S	SSE
20	SSE	ESE	SSE	SSE	SE	SE	SSE	SE	SSE	ENE	NNW	NW	NNW	NNW	NNW	NW	WNW	WNW	W	W	S	SSE	SSE	SSE	SSE
21	SSE	SSE	SE	SSE	SE	SSE	SSE	SE	ESE	SW	NW	WNW	NW	NW	NW	NW	NW	WNW	WSW	S	S	S	SSE	SE	SSE
22	SE	SSE	SSE	SSE	ENE	ESE	ESE	ENE	ENE	NNW	WNW	WNW	WNW	NNW	N	NW	WNW	N	SSE	SSE	SSE	S	SE	NNE	SSE
23	NNW	N	N	NE	S	N	W	SSW	SSE	S	WSW	NW	WNW	W	WSW	W	W	WNW	WNW	W	SE	S	SSE	S	W
24	SE	SSE	SSE	E	ENE	ENE	E	SE	SE	N	N	N	N	N	N	NNW	NNE	NE	ENE	NE	W	SSE	S	SSE	[VA]
25	SSE	S	SSE	SSE	S	SE	SSE	SSE	SSE	WSW	NW	N	N	NNW	NW	NW	NW	NNW	N	SE	SSE	SSE	SSE	SSE	SSE
26	SSE	SE	SE	SE	SSE	SSE	SSE	SE	SE	ESE	N	NW	NW	NW	NNE	ESE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	SSE
27	SSE	SSE	SE	SSE	SE	S	SSE	S	W	NNW	NW	WNW	W	W	W	SSE	SE	S	S	S	S	S	S	S	SSE
28	SSE	SSE	SSE	SE	SSE	SSE	SE	SE	SSE	W	WNW	W	WNW	NNW	NNW	W	NE	SSW	E	SSE	S	SSE	S	SSE	SSE
PV	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	N	NW	NW	WNW	NNW	WNW	NNW	[VA]	NW	ENE	SSE	SSE	SSE	SSE	SSE	SSE

UHOUT -- 00004 <81\027.1411>

WIND DIRECTION [CC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	164	156	160	159	121	124	156	155	121	39	305	283	285	259	193	244	194	188	196	202	222	205	221	228	10
2	217	212	196	248	206	165	185	123	165	177	229	234	217	222	214	221	137	11	126	83	67	78	38	355	10
3	9	95	145	165	160	338	289	202	191	355	211	7	110	159	197	36	6	1	26	348	8	32	165	212	1
4	153	144	85	161	171	172	175	176	152	135	128	263	269	263	285	285	279	279	283	280	329	271	141	173	13
5	166	169	180	157	271	170	175	165	295	272	338	71	358	324	337	358	351	342	212	166	240	175	162	171	9
6	174	173	174	171	169	160	155	151	150	154	258	273	295	277	289	317	298	327	13	145	159	147	136	203	8
7	152	160	147	149	154	147	147	132	94	337	76	28	336	279	294	289	309	51	292	154	141	157	158	158	8
8	155	142	146	152	164	122	120	86	32	146	289	287	281	305	272	303	355	154	221	205	171	171	165	167	8
9	176	166	175	171	170	166	170	143	31	38	344	287	279	293	274	277	262	245	221	191	97	79	108	119	9
10	28	345	354	88	154	152	141	107	244	270	276	293	260	342	273	248	239	213	210	245	295	125	203	168	13
11	175	170	161	205	112	104	139	119	74	91	167	182	190	190	184	189	198	195	190	198	198	189	197	192	9
12	193	201	235	280	280	276	271	278	283	280	294	298	293	294	297	296	302	299	314	349	29	151	168	155	14
13	158	124	147	161	159	150	134	124	150	277	314	348	307	323	307	320	350	338	313	165	171	166	150	160	8
14	152	156	150	145	130	132	158	138	40	334	281	277	306	189	180	182	177	179	161	191	168	186	194	117	8
15	203	191	198	292	112	150	169	221	178	236	231	245	263	242	249	219	201	241	229	191	181	144	145	195	11
16	346	76	101	145	161	178	217	166	169	176	171	183	185	184	178	203	194	227	210	252	309	39	50	301	9
17	121	181	189	186	178	298	95	75	12	320	297	293	258	234	225	222	206	208	179	136	84	150	162	143	9
18	166	160	153	120	147	126	145	112	64	163	178	180	167	171	184	192	193	225	278	283	305	60	313	248	8
19	212	171	197	190	167	162	188	183	250	277	262	279	261	258	285	283	289	291	287	281	278	270	257	190	13
20	203	205	170	184	168	167	170	164	286	290	283	275	279	301	320	318	334	334	325	316	296	276	262	162	14
21	173	164	171	165	162	171	159	161	286	286	315	318	308	291	325	298	319	181	171	162	168	196	201	174	9
22	173	170	167	156	159	156	156	152	341	349	345	327	350	279	307	288	284	329	0	118	250	281	272	177	8
23	174	174	174	154	152	170	173	179	263	283	262	266	267	283	294	309	289	326	3	84	173	168	166	166	9
24	153	154	148	148	145	198	180	170	168	223	265	321	289	298	289	287	326	328	334	310	301	354	75	80	14
25	84	95	83	104	92	98	174	180	299	310	266	285	341	267	284	298	319	346	19	69	158	161	147	136	14
26	160	107	39	343	69	93	247	87	81	151	155	103	34	351	347	0	343	5	216	137	119	139	181	201	5
27	184	199	168	141	178	180	193	173	168	333	299	284	285	271	254	230	236	231	161	163	172	168	148	156	9
28	148	165	153	156	162	161	168	158	157	188	186	185	188	188	177	185	194	192	187	209	210	184	160	186	9
29	210	204	215	210	280	305	215	310	305	35	250	160	200	285	235	206	210	255	275	265	260	245	155	130	10
30	130	125	165	120	145	332	218	240	255	265	255	250	265	285	281	279	279	282	288	297	110	158	164	162	13
31	142	149	134	75	118	157	211	104	6	307	288	214	279	223	247	214	211	200	186	187	187	181	178	170	10
PV	9	9	8	8	8	8	8	8	8	13	13	14	14	14	14	14	14	[VA]	10	9	9	8	8	9	9

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [DC:18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SSE	SSE	ESE	SE	SSE	SSE	ESE	NE	NW	WNW	WNW	W	SSW	WSW	SSW	S	SSW	SSW	SW	SSW	SW	SW	SSW
2	SW	SSW	SSW	WSW	SSW	SSE	S	ESE	SSE	S	SW	SW	SW	SW	SW	SW	SE	N	SE	E	ENE	ENE	NE	N	SSW
3	N	E	SE	SSE	SSE	NNW	WNW	SSW	S	N	SSW	N	ESE	SSE	SSW	NE	N	N	NNE	NNW	N	NNE	SSE	SSW	N
4	SSE	SE	E	SSE	S	S	S	S	SSE	SE	SE	W	W	W	WNW	WNW	W	W	WNW	W	NNW	W	SE	S	W
5	SSE	S	S	SSE	W	S	S	SSE	WNW	W	NNW	ENE	N	NW	NNW	N	N	NNW	SSW	SSE	WSW	S	SSE	S	S
6	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	WSW	W	WNW	W	WNW	NW	WNW	NNW	NNE	SE	SSE	SSE	SE	SSW	SSE
7	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	E	NNW	ENE	NNE	NNW	W	WNW	WNW	NW	NE	WNW	SSE	SE	SSE	SSE	SSE	SSE
8	SSE	SE	SE	SSE	SSE	ESE	ESE	E	NNE	SE	WNW	WNW	W	NW	W	WNW	N	SSE	SW	SSW	S	S	SSE	SSE	SSE
9	S	SSE	S	S	S	SSE	S	SE	NNE	NE	NNW	WNW	W	WNW	W	W	W	WSW	SW	S	E	E	ESE	ESE	S
10	NNE	NNW	N	E	SSE	SSE	SE	ESE	WSW	W	W	WNW	W	NNW	W	WSW	WSW	SSW	SSW	WSW	WNW	SE	SSW	SSE	W
11	S	S	SSE	SSW	ESE	ESE	SE	ESE	ENE	E	SSE	S	S	S	S	S	SSW	SSW	S	SSW	SSW	S	SSW	SSW	S
12	SSW	SSW	SW	W	W	W	W	W	WNW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	N	NNE	SSE	SSE	SSE	WNW
13	SSE	SE	SSE	SSE	SSE	SSE	SE	SE	SSE	W	NW	NNW	NW	NW	NW	NW	N	NNW	NW	SSE	S	SSE	SSE	SSE	SSE
14	SSE	SSE	SSE	SE	SE	SE	SSE	SE	NE	NNW	W	W	NW	S	S	S	S	S	SSE	S	SSE	S	SSW	ESE	SSE
15	SSW	S	SSW	WNW	ESE	SSE	S	SW	S	SW	SW	WSW	W	WSW	WSW	SW	SSW	WSW	SW	S	S	SE	SE	SSW	SW
16	NNW	ENE	E	SE	SSE	S	SW	SSE	S	S	S	S	S	S	S	SSW	SSW	SW	SSW	WSW	NW	NE	NE	WNW	S
17	ESE	S	S	S	S	WNW	E	ENE	NNE	NW	WNW	WNW	WSW	SW	SW	SW	SSW	SSW	S	SE	E	SSE	SSE	SE	S
18	SSE	SSE	SSE	ESE	SSE	SE	SE	ESE	ENE	SSE	S	S	SSE	S	S	SSW	SSW	SW	W	WNW	NW	ENE	NW	WSW	SSE
19	SSW	S	SSW	S	SSE	SSE	S	S	WSW	W	W	W	W	WSW	WNW	WNW	WNW	WNW	WNW	W	W	W	WSW	S	W
20	SSW	SSW	S	S	SSE	SSE	S	SSE	WNW	WNW	WNW	W	W	WNW	NW	NW	NNW	NNW	NW	NW	WNW	W	W	SSE	WNW
21	S	SSE	S	SSE	SSE	S	SSE	SSE	WNW	WNW	NW	NW	NW	WNW	NW	WNW	NW	S	S	SSE	SSE	SSW	SSW	S	S
22	S	S	SSE	SSE	SSE	SSE	SSE	SSE	NNW	N	NNW	NNW	N	W	NW	WNW	WNW	NNW	N	ESE	WSW	W	W	S	SSE
23	S	S	S	SSE	SSE	S	S	S	W	WNW	W	W	W	WNW	WNW	NW	WNW	NW	N	E	S	SSE	SSE	SSE	S
24	SSE	SSE	SSE	SSE	SE	SSW	S	S	SSE	SW	W	NW	WNW	WNW	WNW	WNW	NW	NNW	NNW	NW	WNW	N	ENE	E	WNW
25	E	E	E	ESE	E	E	S	S	WNW	NW	W	WNW	NNW	W	WNW	WNW	NW	NNW	NNE	ENE	SSE	SSE	SSE	SE	WNW
26	SSE	ESE	ENE	NNW	ENE	E	WSW	E	E	SSE	SSE	ESE	NE	N	NNW	N	NNW	N	SW	SE	ESE	SE	S	SSW	E
27	S	SSW	SSE	SE	S	S	SSW	S	SSE	NNW	WNW	WNW	WNW	W	WSW	SW	SW	SW	SSE	SSE	S	SSE	SSE	SSE	S
28	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	SSW	SSW	S	SSW	SSW	S	SSE	S	S
29	SSW	SSW	SW	SSW	W	NW	SW	NW	NW	NE	WSW	SSE	SSW	WNW	SW	SSW	SSW	WSW	W	W	W	WSW	SSE	SE	SSW
30	SE	SE	SSE	ESE	SE	NNW	SW	WSW	WSW	W	WSW	WSW	W	WNW	W	W	W	WNW	WNW	WNW	ESE	SSE	SSE	SSE	W
31	SE	SSE	SE	ENE	ESE	SSE	SSW	ESE	N	NW	WNW	SW	W	SW	WSW	SW	SSW	SSW	S	S	S	S	S	S	SSW
PV	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	W	W	WNW	WNW	WNW	WNW	WNW	WNW	[VA]	SSW	S	S	SSE	SSE	S	S

WHOUT -- DU004 <811027.1411>

WIND DIRECTION [CC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	173	164	168	185	186	187	226	184	176	189	190	193	189	193	195	203	196	207	208	208	225	255	229	215	10
2	266	267	256	249	248	272	286	275	284	275	267	277	283	279	269	277	273	261	262	290	291	108	169	167	13
3	151	170	163	158	167	207	192	177	343	317	309	288	272	289	250	247	257	250	241	192	186	196	194	186	10
4	186	191	213	197	254	280	277	127	8	232	240	248	258	264	282	294	296	291	292	288	282	288	283	292	14
5	272	216	218	174	173	171	136	98	18	328	310	310	338	320	32	325	0	6	36	33	41	86	154	183	15
6	187	302	176	171	161	141	127	148	84	3	303	290	298	269	232	223	204	197	226	306	203	321	16	144	14
7	168	81	79	242	280	326	303	342	40	48	288	286	11	29	42	350	59	78	67	103	161	156	292	176	3
8	171	178	174	172	175	174	155	103	109	268	273	278	276	284	265	269	277	290	295	298	302	289	298	286	14
9	274	248	204	170	168	160	152	141	50	300	289	297	286	275	300	292	333	11	33	52	76	109	157	180	14
10	165	179	165	151	148	138	132	92	295	287	306	308	320	297	313	314	290	253	26	200	162	153	162	187	8
11	156	250	224	230	204	215	121	24	258	249	288	295	289	232	199	191	215	202	210	45	160	193	213	211	11
12	220	219	218	296	259	181	171	127	71	3	347	345	316	317	317	311	319	316	331	349	68	154	162	162	15
13	164	144	161	160	159	159	139	81	328	320	311	295	321	302	342	295	264	247	212	189	162	170	160	168	8
14	188	271	328	343	348	55	58	87	344	292	306	288	265	273	256	276	262	285	320	306	149	172	165	156	13
15	163	155	148	15	101	160	168	195	260	284	289	293	308	315	321	306	303	304	304	317	330	304	320	100	15
16	80	72	92	84	79	78	89	82	74	63	66	349	353	358	7	319	318	33	321	5	131	159	164	163	5
17	167	167	165	160	162	154	148	61	334	265	333	309	289	288	297	327	311	310	291	217	168	159	162	171	8
18	170	161	150	153	157	167	151	109	319	277	293	298	295	299	303	305	310	307	307	305	298	293	339	357	14
19	7	358	337	347	160	165	169	219	84	263	344	257	281	21	34	23	6	2	16	45	57	54	67	59	1
20	53	45	33	7	24	13	37	61	65	63	70	335	13	2	351	4	22	35	60	40	38	34	43	316	3
21	6	340	182	338	312	152	170	274	2	42	60	66	75	92	76	73	58	67	73	76	89	107	165	170	4
22	153	174	184	181	172	177	173	220	307	287	338	303	283	327	326	329	329	322	320	302	162	173	180	190	9
23	204	242	199	164	166	156	140	149	164	174	168	149	156	197	260	243	186	191	180	168	186	171	195	161	9
24	176	165	184	171	179	175	155	122	278	315	289	273	331	337	330	321	314	317	312	288	279	290	271	202	15
25	173	170	165	158	153	152	147	123	63	304	295	305	266	300	272	291	326	316	228	255	332	103	159	162	8
26	177	160	164	151	182	102	150	162	352	274	281	233	232	290	310	231	70	74	354	37	100	93	201	132	8
27	283	163	199	256	179	197	174	207	302	333	330	258	303	343	332	313	346	36	59	105	156	77	134	172	9
28	167	165	157	169	169	187	151	121	3	289	300	302	296	269	289	313	304	51	169	173	163	155	161	166	8
29	164	179	204	275	277	285	286	258	163	202	63	50	72	82	60	67	79	86	86	92	112	94	113	125	5
30	129	141	126	106	140	275	265	273	306	40	12	305	306	355	346	277	311	302	2	41	91	150	163	155	7
PV	8	8	9	9	8	8	8	6	1	14	15	14	14	14	14	15	15	14	15	14	8	8	8	8	14

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	SSE	SSE	S	S	S	SW	S	S	S	S	SSW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	WSW	SW	SW	SSW
2	W	W	WSW	WSW	WSW	W	WNW	W	WNW	W	W	W	WNW	W	W	W	W	W	W	WNW	WNW	ESE	S	SSE	W
3	SSE	S	SSE	SSE	SSE	SSW	SSW	S	NNW	NW	NW	WNW	W	WNW	WSW	WSW	WSW	WSW	WSW	SSW	S	SSW	SSW	S	SSW
4	S	S	SSW	SSW	WSW	W	W	SE	N	SW	WSW	WSW	WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
5	W	SW	SW	S	S	S	SE	E	NNE	NNW	NW	NW	NNW	NW	NNE	NW	N	N	NE	NNE	NE	E	SSE	S	NW
6	S	WNW	S	S	SSE	SE	SE	SSE	E	N	WNW	WNW	WNW	W	SW	SW	SSW	SSW	SW	NW	SSW	NW	NNE	SE	WNW
7	SSE	E	E	WSW	W	NW	WNW	NNW	NE	NE	WNW	WNW	N	NNE	NE	N	ENE	ENE	ENE	ESE	SSE	SSE	WNW	S	NE
8	S	S	S	S	S	S	SSE	ESE	ESE	W	W	W	W	WNW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
9	W	WSW	SSW	S	SSE	SSE	SSE	SE	NE	WNW	WNW	WNW	WNW	W	WNW	WNW	NNW	N	NNE	NE	ENE	ESE	SSE	S	WNW
10	SSE	S	SSE	SSE	SSE	SE	SE	E	WNW	WNW	NW	NW	NW	WNW	NW	NW	WNW	WSW	NNE	SSW	SSE	SSE	SSE	S	SSE
11	SSE	WSW	SW	SW	SSW	SW	ESE	NNE	WSW	WSW	WNW	WNW	WNW	SW	SSW	S	SW	SSW	SSW	NE	SSE	SSW	SSW	SSW	SW
12	SW	SW	SW	WNW	W	S	S	SE	ENE	N	NNW	NNW	NW	NW	NW	NW	NW	NW	NNW	N	ENE	SSE	SSE	SSE	NW
13	SSE	SE	SSE	SSE	SSE	SSE	SE	E	NNW	NW	NW	WNW	NW	WNW	NNW	WNW	W	WSW	SSW	S	SSE	S	SSE	SSE	SSE
14	S	W	NNW	NNW	NNW	NE	ENE	E	NNW	WNW	NW	WNW	W	W	WSW	W	W	WNW	NW	NW	SSE	S	SSE	SSE	W
15	SSE	SSE	SSE	NNE	E	SSE	SSE	SSW	W	WNW	WNW	WNW	NW	NW	NW	NW	WNW	NW	NW	NW	NNW	NW	NW	E	NW
16	E	ENE	E	E	E	ENE	E	E	ENE	ENE	ENE	N	N	N	N	NW	NW	NNE	NW	N	SE	SSE	SSE	SSE	E
17	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ENE	NNW	W	NNW	NW	WNW	WNW	WNW	NNW	NW	NW	WNW	SW	SSE	SSE	SSE	S	SSE
18	S	SSE	SSE	SSE	SSE	SSE	SSE	ESE	NW	W	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	WNW	WNW	NNW	N	WNW
19	N	N	NNW	NNW	SSE	SSE	S	SW	E	W	NNW	WSW	W	NNE	NE	NNE	N	N	NNE	NE	ENE	NE	ENE	ENE	N
20	NE	NE	NNE	N	NNE	NNE	NE	ENE	ENE	ENE	ENE	NNW	NNE	N	N	N	NNE	NE	ENE	NE	NE	NE	NE	NW	NE
21	N	NNW	S	NNW	NW	SSE	S	W	N	NE	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE	ENE	ENE	E	ESE	SSE	S	ENE
22	SSE	S	S	S	S	S	S	SW	NW	WNW	NNW	WNW	WNW	NNW	NW	NNW	NNW	NW	NW	WNW	SSE	S	S	S	S
23	SSW	WSW	SSW	SSE	SSE	SSE	SE	SSE	SSE	S	SSE	SSE	SSE	SSW	W	WSW	S	S	S	SSE	S	S	SSW	SSE	S
24	S	SSE	S	S	S	S	SSE	ESE	W	NW	WNW	W	NNW	NNW	NNW	NW	NW	NW	NW	WNW	W	WNW	W	SSW	NW
25	S	S	SSE	SSE	SSE	SSE	SSE	ESE	ENE	NW	WNW	NW	W	WNW	W	WNW	NW	NW	SW	WSW	NNW	ESE	SSE	SSE	SSE
26	S	SSE	SSE	SSE	S	ESE	SSE	SSE	N	W	W	SW	SW	WNW	NW	SW	ENE	ENE	N	NE	E	E	SSW	SE	SSE
27	WNW	SSE	SSW	WSW	S	SSW	S	SSW	WNW	NNW	NNW	WSW	WNW	NNW	NNW	NW	NNW	NE	ENE	ESE	SSE	ENE	SE	S	S
28	SSE	SSE	SSE	S	S	S	SSE	ESE	N	WNW	WNW	WNW	WNW	W	WNW	NW	NW	NE	S	S	SSE	SSE	SSE	SSE	SSE
29	SSE	S	SSW	W	W	WNW	WNW	WSW	SSE	SSW	ENE	NE	ENE	E	ENE	ENE	E	E	E	E	ESE	E	ESE	SE	E
30	SE	SE	SE	ESE	SE	W	W	W	NW	NE	NNE	NW	NW	N	NNW	W	NW	WNW	N	NE	E	SSE	SSE	SSE	SE
PV	SSE	SSE	S	S	SSE	SSE	SSE	ESE	N	WNW	NW	WNW	WNW	WNW	WNW	NW	NW	WNW	NW	WNW	SSE	SSE	SSE	SSE	WNW

GNOUT -- 00604 <811027.1411>

WIND DIRECTION [CC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	162	154	65	162	162	127	14	309	97	355	302	271	331	150	155	281	88	291	177	149	138	165	162	134	8
2	168	163	157	150	144	138	106	85	49	326	303	272	241	350	11	263	163	161	164	149	163	173	174	191	8
3	180	199	153	205	177	186	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	203	66	195	143	178	300	186	146	9
4	156	128	149	150	142	142	153	132	337	278	280	287	302	234	152	183	287	280	279	299	335	292	297	295	14
5	207	121	93	96	85	99	75	62	68	80	327	314	337	335	12	4	329	332	340	20	149	166	154	150	5
6	156	155	149	149	152	140	138	107	289	270	257	288	269	344	322	342	331	67	54	308	280	278	267	226	13
7	213	163	160	158	164	158	162	188	321	276	259	286	283	237	236	301	226	154	146	147	139	130	136	152	8
8	249	163	125	136	164	140	159	150	51	321	288	291	227	207	209	215	211	212	234	214	205	188	111	181	10
9	209	224	215	184	193	189	186	184	186	193	194	199	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	160	280	170	10
10	160	165	155	155	130	150	185	95	95	120	155	190	249	228	318	332	297	296	309	291	293	291	294	244	8
11	252	238	160	156	161	325	329	306	241	253	282	280	295	287	323	314	303	294	72	51	103	49	122	125	14
12	159	179	210	59	278	283	285	287	277	263	138	69	319	8	19	76	101	88	62	42	80	156	162	289	[VA]
13	351	345	345	343	345	13	276	49	342	6	8	6	48	34	60	77	79	81	91	79	68	99	143	153	16
14	165	167	157	163	151	147	213	22	280	275	329	113	50	85	327	54	58	82	85	88	93	141	156	164	8
15	160	113	172	161	159	142	180	69	338	337	82	300	338	59	76	64	12	58	241	213	166	165	166	155	8
16	160	180	166	173	157	161	169	143	93	224	312	319	294	22	110	5	351	31	341	281	62	79	87	178	8
17	134	160	156	157	153	156	152	60	309	313	336	278	295	302	297	187	179	91	85	151	161	162	162	161	8
18	158	137	173	154	133	165	111	212	114	175	183	198	202	198	182	196	201	181	232	355	336	344	77	167	9
19	172	285	49	110	153	169	182	149	293	286	342	185	171	255	267	323	341	358	0	14	106	275	255	211	9
20	134	162	159	164	153	144	171	51	301	290	296	261	226	251	289	13	222	155	80	93	142	159	163	159	8
21	145	144	139	154	155	157	127	82	307	29	267	256	294	77	19	356	347	5	56	96	143	162	161	152	8
22	164	157	157	162	166	158	131	59	340	342	339	337	308	292	168	223	305	306	298	291	173	170	170	175	8
23	176	167	172	162	158	124	77	273	320	84	63	67	206	286	165	329	351	15	36	346	147	150	168	179	8
24	163	179	160	154	160	156	123	358	54	69	72	40	95	48	62	72	80	67	71	84	86	89	78	108	4
25	79	143	153	159	168	168	158	313	289	339	254	275	46	249	299	105	40	60	303	308	308	292	289	22	14
26	101	148	142	144	146	135	105	84	355	325	282	303	281	352	292	63	258	245	205	195	166	156	163	165	7
27	173	234	167	159	135	162	133	122	183	190	198	217	184	54	60	283	215	218	204	177	169	172	165	170	9
28	166	175	290	292	287	280	277	268	298	264	282	280	293	291	292	297	305	314	320	307	306	300	161	167	14
29	159	110	150	151	159	166	183	296	13	287	327	331	333	293	341	301	222	262	290	268	68	135	154	1	8
30	59	84	83	88	85	85	78	71	47	8	330	305	321	46	1	329	278	328	22	348	279	164	160	172	[VA]
31	141	156	157	115	128	138	118	0	287	287	308	282	277	74	10	24	8	51	56	76	120	159	156	149	8
PV	8	8	8	8	8	8	9	4	14	14	14	14	14	3	14	1	11	4	3	[VA]	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [DC:18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	ENE	SSE	SSE	SE	NNE	NW	E	N	WNW	W	NNW	SSE	SSE	W	E	WNW	S	SSE	SE	SSE	SSE	SE	SSE
2	SSE	SSE	SSE	SSE	SE	SE	ESE	E	NE	NW	WNW	W	WSW	N	N	W	SSE	SSE	SSE	SSE	SSE	S	S	S	SSE
3	S	SSW	SSE	SSW	S	S	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	N	SSW	ENE	SSW	SE	S	WNW	S	SE	S
4	SSE	SE	SSE	SSE	SE	SE	SSE	SE	NNW	W	W	WNW	WNW	SW	SSE	S	WNW	W	W	WNW	NNW	WNW	WNW	WNW	WNW
5	SSW	ESE	E	E	E	E	ENE	ENE	ENE	E	NNW	NW	NNW	NNW	NNE	N	NNW	NNW	NNW	NNE	SSE	SSE	SSE	SSE	E
6	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	WNW	W	WSW	WNW	W	NNW	NW	NNW	NNW	ENE	NE	NW	W	W	W	SW	W
7	SSW	SSE	SSE	SSE	SSE	SSE	SSE	S	NW	W	W	WNW	WNW	WSW	SW	WNW	SW	SSE	SE	SSE	SE	SE	SE	SSE	SSE
8	WSW	SSE	SE	SE	SSE	SE	SSE	SSE	NE	NW	WNW	WNW	SW	SSW	SSW	SW	SSW	SSW	SW	SW	SSW	S	ESE	S	SSW
9	SSW	SW	SW	S	SSW	S	S	S	S	SSW	SSW	SSW	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	SSE	W	S	SSW
10	SSE	SSE	SSE	SSE	SE	SSE	S	E	E	ESE	SSE	S	WSW	SW	NW	NNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	WSW	SSE
11	WSW	WSW	SSE	SSE	SSE	NW	NNW	NW	WSW	WSW	WNW	W	WNW	WNW	NW	NW	WNW	WNW	ENE	NE	ESE	NE	ESE	SE	WNW
12	SSE	S	SSW	ENE	W	WNW	WNW	WNW	W	W	SE	ENE	NW	N	NNE	ENE	E	E	ENE	NE	E	SSE	SSE	WNW	[VA]
13	N	NNW	NNW	NNW	NNW	NNE	W	NE	NNW	N	N	N	NE	NE	ENE	ENE	E	E	E	E	ENE	E	SE	SSE	NNW
14	SSE	SSE	SSE	SSE	SSE	SSE	SSW	NNE	W	W	WNW	ESE	NE	E	NNW	NE	ENE	E	E	E	E	SE	SSE	SSE	SSE
15	SSE	ESE	S	SSE	SSE	SE	S	ENE	NNW	NNW	E	WNW	NNW	ENE	ENE	ENE	NNE	ENE	WSW	SSW	SSE	SSE	SSE	SSE	SSE
16	SSE	S	SSE	S	SSE	SSE	S	SE	E	SW	NW	NW	WNW	NNE	ESE	N	N	NNE	NNW	W	ENE	E	E	S	SSE
17	SE	SSE	SSE	SSE	SSE	SSE	SSE	ENE	NW	NW	NNW	W	WNW	WNW	WNW	S	S	E	E	SSE	SSE	SSE	SSE	SSE	SSE
18	SSE	SE	S	SSE	SE	SSE	ESE	SSW	ESE	S	S	SSW	SSW	SSW	S	SSW	SSW	S	SW	N	NNW	NNW	ENE	SSE	S
19	S	WNW	NE	ESE	SSE	S	S	SSE	WNW	WNW	NNW	S	S	WSW	W	NW	NNW	N	N	NNE	ESE	W	WSW	SSW	S
20	SE	SSE	SSE	SSE	SSE	SE	S	NE	WNW	WNW	WNW	W	SW	WSW	WNW	NNE	SW	SSE	E	E	SE	SSE	SSE	SSE	SSE
21	SE	SE	SE	SSE	SSE	SSE	SE	E	NW	NNE	W	WSW	WNW	ENE	NNE	N	NNW	N	NE	E	SE	SSE	SSE	SSE	SSE
22	SSE	SSE	SSE	SSE	SSE	SSE	SE	ENE	NNW	NNW	NNW	NNW	NW	WNW	SSE	SW	NW	NW	WNW	WNW	S	S	S	S	SSE
23	S	SSE	S	SSE	SSE	SE	ENE	W	NW	E	ENE	ENE	SSW	WNW	SSE	NNW	N	NNE	NE	NNW	SSE	SSE	SSE	S	SSE
24	SSE	S	SSE	SSE	SSE	SSE	ESE	N	NE	ENE	ENE	NE	E	NE	ENE	ENE	E	ENE	ENE	E	E	E	ENE	ESE	ENE
25	E	SE	SSE	SSE	SSE	SSE	SSE	NW	WNW	NNW	WSW	W	NE	WSW	WNW	ESE	NE	ENE	WNW	NW	NW	WNW	WNW	NNE	WNW
26	E	SSE	SE	SE	SE	SE	ESE	E	N	NW	WNW	WNW	W	N	WNW	ENE	WSW	WSW	SSW	SSW	SSE	SSE	SSE	SSE	SE
27	S	SW	SSE	SSE	SE	SSE	SE	ESE	S	S	SSW	SW	S	NE	ENE	WNW	SW	SW	SSW	S	S	S	SSE	S	S
28	SSE	S	WNW	WNW	WNW	W	W	W	WNW	W	WNW	W	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	WNW	SSE	SSE	WNW
29	SSE	ESE	SSE	SSE	SSE	SSE	S	WNW	NNE	WNW	NNW	NNW	NNW	WNW	NNW	WNW	SW	W	WNW	W	ENE	SE	SSE	N	SSE
30	ENE	E	E	E	E	E	ENE	ENE	NE	N	NNW	NW	NW	NE	N	NNW	W	NNW	NNE	NNW	W	SSE	SSE	S	[VA]
31	SE	SSE	SSE	ESE	SE	SE	ESE	N	WNW	WNW	NW	WNW	W	ENE	N	NNE	N	NE	NE	ENE	ESE	SSE	SSE	SSE	SSE
PV	SSE	SSE	SSE	SSE	SSE	SSE	S	ENE	WNW	WNW	WNW	WNW	WNW	NE	WNW	N	SW	ENE	NE	[VA]	SSE	SSE	SSE	SSE	SSE

WHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	162	156	189	179	156	157	204	58	348	300	295	298	247	270	299	299	298	302	295	298	285	273	234	220	14
2	173	170	158	152	150	148	151	37	1	296	295	282	298	294	316	313	312	298	254	318	286	244	171	139	14
3	164	150	174	169	164	173	180	160	297	275	305	290	271	249	287	302	350	334	64	59	51	51	164	162	8
4	160	143	138	115	89	115	323	13	202	185	184	192	200	232	241	238	245	230	257	245	312	260	235	142	12
5	115	74	81	106	164	161	28	54	143	175	188	182	207	182	202	213	226	287	291	293	287	284	342	284	9
6	62	147	183	162	167	173	143	235	283	327	42	292	295	283	288	280	277	268	254	237	151	154	152	153	8
7	144	160	159	190	128	146	118	22	309	341	304	240	193	222	225	205	217	231	230	196	180	166	187	212	10
8	168	186	153	138	179	182	265	270	288	296	283	293	299	300	296	304	302	305	303	305	351	58	79	89	14
9	81	77	69	91	107	131	105	18	34	60	84	76	261	312	289	333	319	332	327	339	136	162	153	156	4
10	158	166	155	145	140	134	124	76	294	298	357	353	319	328	321	323	319	326	331	302	268	263	89	157	15
11	153	180	210	165	163	163	144	287	298	281	275	277	259	296	306	288	318	319	332	10	119	162	161	156	8
12	153	163	131	130	261	113	132	40	340	327	354	55	357	301	175	203	198	193	207	158	94	149	148	134	8
13	124	130	128	127	94	43	88	42	324	235	227	160	160	190	182	201	198	178	194	194	172	203	155	151	10
14	152	171	166	176	136	141	35	351	259	301	309	289	231	197	196	264	282	298	36	86	89	98	117	121	14
15	164	161	166	171	166	190	223	279	339	16	0	356	358	48	49	340	351	43	68	40	72	140	160	159	8
16	158	156	156	155	153	150	139	352	299	302	107	126	258	275	242	253	282	276	280	260	248	348	48	94	[VA]
17	91	70	49	62	140	144	156	265	270	24	81	3	323	346	341	340	329	317	326	346	301	64	65	62	16
18	75	77	78	78	72	78	75	73	69	83	68	62	62	54	26	71	66	63	72	68	63	60	63	108	4
19	102	83	157	179	155	140	160	289	345	36	59	99	311	276	254	238	244	214	167	166	202	157	81	141	8
20	145	161	153	135	122	151	132	3	321	292	289	298	288	306	184	194	226	304	293	276	244	173	174	171	14
21	163	158	159	138	130	75	98	357	0	80	8	273	174	179	265	281	359	220	159	162	163	165	154	201	8
22	151	160	156	153	113	119	114	79	320	309	303	291	259	296	267	266	346	342	230	162	105	142	150	169	8
23	165	145	128	133	144	168	89	337	295	315	339	319	155	173	203	269	303	294	67	141	200	161	156	165	8
24	169	157	152	143	93	153	140	298	292	295	305	297	254	228	346	322	316	345	348	40	124	163	157	159	8
25	167	149	153	160	157	154	144	77	301	292	110	122	323	44	107	45	54	90	99	106	121	113	133	148	6
26	161	147	162	159	156	143	115	30	309	313	36	65	21	297	251	179	344	28	309	60	74	129	164	157	8
27	156	150	163	154	161	154	127	355	351	346	289	319	319	320	303	291	49	329	139	160	203	157	149	157	8
28	144	125	116	89	154	154	79	33	24	353	202	185	191	195	192	193	187	197	204	215	194	181	153	149	10
29	134	149	124	173	54	45	110	174	198	200	215	211	208	207	173	185	209	206	211	209	167	179	156	158	9
30	148	148	142	186	162	180	191	149	163	155	145	147	168	158	224	217	48	41	40	45	139	163	146	154	8
PV	8	8	8	8	7	8	6	2	15	14	14	14	15	14	14	13	15	15	4	[VA]	[VA]	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC;18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	S	S	SSE	SSE	SSW	ENE	NNW	WNW	WNW	WNW	WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	SW	SW	WNW
2	S	S	SSE	SSE	SSE	SSE	SSE	NE	N	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	WNW	WSW	NW	WNW	WSW	S	SE	WNW
3	SSE	SSE	S	S	SSE	S	S	SSE	WNW	W	NW	WNW	W	WSW	WNW	WNW	N	NNW	ENE	ENE	NE	NE	SSE	SSE	SSE
4	SSE	SE	SE	ESE	E	ESE	NW	NNE	SSW	S	S	SSW	SSW	SW	WSW	WSW	WSW	SW	WSW	WSW	NW	W	SW	SE	WSW
5	ESE	ENE	E	ESE	SSE	SSE	NNE	NE	SE	S	S	S	SSW	S	SSW	SSW	SW	WNW	WNW	WNW	WNW	WNW	NNW	WNW	S
6	ENE	SSE	S	SSE	SSE	S	SE	SW	WNW	NNW	NE	WNW	WNW	WNW	WNW	W	W	W	WSW	WSW	SSE	SSE	SSE	SSE	SSE
7	SE	SSE	SSE	S	SE	SE	ESE	NNE	NW	NNW	NW	WSW	SSW	SW	SW	SSW	SW	SW	SW	SSW	S	SSE	S	SSW	SSW
8	SSE	S	SSE	SE	S	S	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	NW	WNW	NW	N	ENE	E	E	WNW
9	E	ENE	ENE	E	ESE	SE	ESE	NNE	NE	ENE	E	ENE	W	NW	WNW	NNW	NW	NNW	NNW	NNW	SE	SSE	SSE	SSE	ENE
10	SSE	SSE	SSE	SE	SE	SE	SE	ENE	WNW	WNW	N	N	NW	NNW	NW	NW	NW	NW	NNW	WNW	W	W	E	SSE	NW
11	SSE	S	SSW	SSE	SSE	SSE	SE	WNW	WNW	W	W	W	W	WNW	NW	WNW	NW	NW	NNW	N	ESE	SSE	SSE	SSE	SSE
12	SSE	SSE	SE	SE	W	ESE	SE	NE	NNW	NNW	N	NE	N	WNW	S	SSW	SSW	SSW	SSW	SSE	E	SSE	SSE	SE	SSE
13	SE	SE	SE	SE	E	NE	E	NE	NW	SW	SW	SSE	SSE	S	S	SSW	SSW	S	SSW	SSW	S	SSW	SSE	SSE	SSW
14	SSE	S	SSE	S	SE	SE	NE	N	W	WNW	NW	WNW	SW	SSW	SSW	W	WNW	WNW	NE	E	E	E	ESE	ESE	WNW
15	SSE	SSE	SSE	S	SSE	S	SW	W	NNW	NNE	N	N	N	NE	NE	NNW	N	NE	ENE	NE	ENE	SE	SSE	SSE	SSE
16	SSE	SSE	SSE	SSE	SSE	SSE	SE	N	WNW	WNW	ESE	SE	WSW	W	WSW	WSW	WNW	W	W	W	WSW	NNW	NE	E	[VA]
17	E	ENE	NE	ENE	SE	SE	SSE	W	W	NNE	E	N	NW	NNW	NNW	NNW	NNW	NW	NW	NNW	WNW	ENE	ENE	ENE	NNW
18	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	ENE	ENE	ENE	NE	NNE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ESE	ENE
19	ESE	E	SSE	S	SSE	SE	SSE	WNW	NNW	NE	ENE	E	NW	W	WSW	WSW	WSW	SW	SSE	SSE	SSW	SSE	E	SE	SSE
20	SE	SSE	SSE	SE	ESE	SSE	SE	N	NW	WNW	WNW	WNW	WNW	NW	S	SSW	SW	NW	WNW	W	WSW	S	S	S	WNW
21	SSE	SSE	SSE	SE	SE	ENE	E	N	N	E	N	W	S	S	W	W	N	SW	SSE	SSE	SSE	SSE	SSE	SSW	SSE
22	SSE	SSE	SSE	SSE	ESE	ESE	ESE	E	NW	NW	WNW	WNW	W	WNW	W	W	NNW	NNW	SW	SSE	ESE	SE	SSE	S	SSE
23	SSE	SE	SE	SE	SE	SSE	E	NNW	WNW	NW	NNW	NW	SSE	S	SSW	W	WNW	WNW	ENE	SE	SSW	SSE	SSE	SSE	SSE
24	S	SSE	SSE	SE	E	SSE	SE	WNW	WNW	WNW	NW	WNW	WSW	SW	NNW	NW	NW	NNW	NNW	NE	SE	SSE	SSE	SSE	SSE
25	SSE	SSE	SSE	SSE	SSE	SSE	SE	ENE	WNW	WNW	ESE	ESE	NW	NE	ESE	NE	NE	E	E	ESE	ESE	ESE	SE	SSE	ESE
26	SSE	SSE	SSE	SSE	SSE	SE	ESE	NNE	NW	NW	NE	ENE	NNE	WNW	WSW	S	NNW	NNE	NW	ENE	ENE	SE	SSE	SSE	SSE
27	SSE	SSE	SSE	SSE	SSE	SSE	SE	N	N	NNW	WNW	NW	NW	NW	WNW	WNW	NE	NNW	SE	SSE	SSW	SSE	SSE	SSE	SSE
28	SE	SE	ESE	E	SSE	SSE	E	NNE	NNE	N	SSW	S	S	SSW	SSW	SSW	S	SSW	SSW	SW	SSW	S	SSE	SSE	SSW
29	SE	SSE	SE	S	NE	NE	ESE	S	SSW	SSW	SW	SSW	SSW	SSW	S	S	SSW	SSW	SSW	SSW	SSE	S	SSE	SSE	S
30	SSE	SSE	SE	S	SSE	S	S	SSE	SSE	SSE	SE	SSE	SSE	SSE	SW	SW	NE	NE	NE	NE	SE	SSE	SE	SSE	SSE
PV	SSE	SSE	SSE	SSE	SE	SSE	ESE	NNE	NW	WNW	WNW	WNW	NW	WNW	WNW	W	NW	NW	ENE	[VA]	[VA]	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	164	153	161	159	155	159	182	184	181	184	193	194	200	200	224	229	224	233	221	235	218	271	263	186	[VA]
2	182	161	157	152	154	136	127	94	325	318	313	300	332	302	261	237	251	267	269	263	211	161	198	168	8
3	209	156	159	149	153	153	105	75	327	337	326	340	310	223	197	189	193	198	202	198	196	162	138	133	[VA]
4	130	174	163	70	283	199	121	31	225	209	202	193	189	208	211	208	224	206	221	276	296	288	297	231	10
5	152	158	159	43	271	164	210	293	284	302	289	300	303	305	300	349	33	38	33	114	88	110	158	138	14
6	127	63	43	59	19	20	22	47	322	316	291	324	286	273	286	295	312	49	54	67	135	157	151	157	3
7	169	145	152	153	151	142	102	15	350	297	303	305	314	293	328	164	170	150	189	180	169	170	178	246	6
8	303	253	229	175	183	176	165	164	349	21	62	322	328	344	143	145	163	253	239	113	108	149	240	192	8
9	168	162	177	153	165	159	138	[VA]	125	36	27	277	286	323	288	339	286	282	300	38	26	32	48	54	8
10	59	59	59	56	55	51	51	54	52	33	7	46	324	238	326	10	317	303	2	11	25	30	39	37	3
11	45	41	44	50	55	55	56	44	55	35	358	349	20	354	185	303	355	32	77	61	28	32	40	52	3
12	50	41	35	34	35	33	38	54	35	77	10	321	281	343	5	320	6	11	17	19	19	13	12	11	2
13	11	11	13	12	12	12	13	10	18	45	45	17	25	15	133	310	25	42	53	93	123	133	75	19	2
14	6	5	5	5	14	32	31	27	12	340	271	283	302	304	307	284	159	44	305	308	135	158	172	162	2
15	165	157	170	210	164	163	127	104	9	88	257	265	291	235	231	235	264	214	216	200	206	79	277	199	11
16	132	149	169	149	125	131	98	355	321	294	266	228	242	249	260	269	266	245	265	259	328	158	158	159	13
17	138	156	288	282	203	178	191	204	221	230	242	251	255	261	265	248	264	265	321	318	343	146	170	150	12
18	111	159	161	154	156	167	161	175	305	301	295	297	331	317	321	339	221	294	289	302	298	180	141	169	[VA]
19	172	150	145	140	161	157	162	306	310	318	341	278	342	322	319	299	337	331	3	16	83	161	165	164	[VA]
20	160	[PF]	158	157	152	152	129	350	285	322	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	245	274	272	285	271	209	186	266	204	136	167	13
22	159	193	120	185	153	109	190	177	353	327	313	38	64	359	234	296	307	293	285	328	143	165	172	201	9
23	192	175	187	206	133	184	138	148	102	110	226	219	240	262	245	275	298	294	281	300	294	181	280	93	13
24	190	154	159	154	182	118	151	130	154	151	285	295	288	306	284	53	248	183	213	162	168	207	190	184	9
25	190	186	166	161	159	167	109	270	286	292	331	354	321	252	287	6	216	147	355	24	80	87	87	33	8
26	72	85	106	144	196	166	153	278	133	296	296	287	299	312	233	201	219	277	47	82	87	175	267	136	14
27	174	195	293	250	87	21	36	280	175	278	310	335	275	269	223	201	109	307	307	329	203	182	175	138	9
28	155	181	172	168	158	173	172	169	207	304	286	280	149	172	227	33	65	258	72	142	131	50	189	165	8
29	174	169	168	160	160	172	150	136	48	39	51	18	357	348	0	353	352	329	327	39	73	75	74	124	[VA]
30	83	92	109	133	160	161	153	285	22	62	15	23	65	354	289	301	264	324	340	46	83	131	170	170	5
31	176	165	168	166	161	162	152	119	313	294	301	301	324	224	10	293	350	292	205	125	153	164	161	162	8
PV	8	9	8	8	8	8	8	3	15	15	14	14	15	15	14	14	11	14	10	3	5	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC;18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	W	W	S	[VA]
2	S	SSE	SSE	SSE	SSE	SE	SE	E	NW	NW	NW	WNW	NNW	WNW	W	WSW	WSW	W	W	W	SSW	SSE	SSW	SSE	SSE
3	SSW	SSE	SSE	SSE	SSE	SSE	ESE	ENE	NNW	NNW	NW	NNW	NW	SW	SSW	S	SSW	SSW	SSW	SSW	SSW	SSE	SE	SE	[VA]
4	SE	S	SSE	ENE	WNW	SSW	ESE	NNE	SW	SSW	SSW	SSW	S	SSW	SSW	SSW	SW	SSW	SW	W	WNW	WNW	WNW	SW	SSW
5	SSE	SSE	SSE	NE	W	SSE	SSW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	N	NNE	NE	NNE	ESE	E	ESE	SSE	SE	WNW
6	SE	ENE	NE	ENE	NNE	NNE	NNE	NE	NW	NW	WNW	NW	WNW	W	WNW	WNW	NW	NE	NE	ENE	SE	SSE	SSE	SSE	NE
7	S	SE	SSE	SSE	SSE	SE	ESE	NNE	N	WNW	WNW	NW	NW	WNW	NNW	SSE	S	SSE	S	S	S	S	S	WSW	SSE
8	WNW	WSW	SW	S	S	S	SSE	SSE	N	NNE	ENE	NW	NNW	NNW	SE	SE	SSE	WSW	WSW	ESE	ESE	SSE	WSW	SSW	SSE
9	SSE	SSE	S	SSE	SSE	SSE	SE	[VA]	SE	NE	NNE	W	WNW	NW	WNW	NNW	WNW	WNW	WNW	NE	NNE	NNE	NE	NE	SSE
10	ENE	ENE	ENE	NE	NE	NE	NE	NE	NE	NNE	N	NE	NW	WSW	NW	N	NW	WNW	N	N	NNE	NNE	NE	NE	NE
11	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	NNE	N	S	WNW	N	NNE	ENE	ENE	NNE	NNE	NE	NE	NE
12	NE	NE	NE	NE	NE	NNE	NE	NE	NE	ENE	N	NW	W	NNW	N	NW	N	N	NNE	NNE	NNE	NNE	NNE	N	NNE
13	N	N	NNE	NNE	NNE	NNE	NNE	N	NNE	NE	NE	NNE	NNE	NNE	SE	NW	NNE	NE	NE	E	ESE	SE	ENE	NNE	NNE
14	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNW	W	WNW	WNW	NW	NW	WNW	SSE	NE	NW	NW	SE	SSE	S	SSE	NNE
15	SSE	SSE	S	SSW	SSE	SSE	SE	ESE	N	E	WSW	W	WNW	SW	SW	SW	W	SW	SW	SSW	SSW	E	W	SSW	SW
16	SE	SSE	S	SSE	SE	SE	E	N	NW	WNW	W	SW	WSW	WSW	W	W	W	WSW	W	W	NNW	SSE	SSE	SSE	W
17	SE	SSE	WNW	WNW	SSW	S	S	SSW	SW	SW	WSW	WSW	WSW	W	W	WSW	W	W	NW	NW	NNW	SE	S	SSE	WSW
18	ESE	SSE	SSE	SSE	SSE	SSE	SSE	S	NW	WNW	WNW	WNW	NNW	NW	NW	NNW	SW	WNW	WNW	WNW	WNW	S	SE	S	[VA]
19	S	SSE	SE	SE	SSE	SSE	SSE	NW	NW	NW	NNW	W	NNW	NW	NW	WNW	NNW	NNW	N	NNE	E	SSE	SSE	SSE	[VA]
20	SSE	[PF]	SSE	SSE	SSE	SSE	SE	N	WNW	NW	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	SSE
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	WSW	W	W	WNW	W	SSW	S	W	SSW	SE	SSE	W
22	SSE	SSW	ESE	S	SSE	ESE	S	S	N	NNW	NW	NE	ENE	N	SW	WNW	NW	WNW	WNW	NNW	SE	SSE	S	SSW	S
23	SSW	S	S	SSW	SE	S	SE	SSE	ESE	ESE	SW	SW	WSW	W	WSW	W	WNW	WNW	W	WNW	WNW	S	W	E	W
24	S	SSE	SSE	SSE	S	ESE	SSE	SE	SSE	SSE	WNW	WNW	WNW	NW	WNW	NE	WSW	S	SSW	SSE	SSE	SSW	S	S	S
25	S	S	SSE	SSE	SSE	SSE	ESE	W	WNW	WNW	NNW	N	NW	WSW	WNW	N	SW	SSE	N	NNE	E	E	E	NNE	SSE
26	ENE	E	ESE	SE	SSW	SSE	SSE	W	SE	WNW	WNW	WNW	WNW	NW	SW	SSW	SW	W	NE	E	E	S	W	SE	WNW
27	S	SSW	WNW	WSW	E	NNE	NE	W	S	W	NW	NNW	W	W	SW	SSW	ESE	NW	NW	NNW	SSW	S	S	SE	S
28	SSE	S	S	SSE	SSE	S	S	S	SSW	NW	WNW	W	SSE	S	SW	NNE	ENE	WSW	ENE	SE	SE	NE	S	SSE	SSE
29	S	S	SSE	SSE	SSE	S	SSE	SE	NE	NE	NE	NNE	N	NNW	N	N	N	NNW	NNW	NE	ENE	ENE	ENE	SE	[VA]
30	E	E	ESE	SE	SSE	SSE	SSE	WNW	NNE	ENE	NNE	NNE	ENE	N	WNW	WNW	W	NW	NNW	NE	E	SE	S	S	E
31	S	SSE	SSE	SSE	SSE	SSE	SSE	ESE	NW	WNW	WNW	WNW	NW	SW	N	WNW	N	WNW	SSW	SE	SSE	SSE	SSE	SSE	SSE
PV	SSE	S	SSE	SSE	SSE	SSE	SSE	NE	NW	NW	WNW	WNW	NW	NW	WNW	WNW	SW	WNW	SSW	NE	E	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC;18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	135	135	153	160	138	160	157	91	1	7	305	305	293	195	176	197	196	210	222	209	193	192	224	245	10
2	207	211	250	239	161	151	164	162	179	276	265	303	298	219	199	261	266	86	100	147	164	162	166	156	8
3	218	205	182	162	169	172	185	184	188	226	229	271	307	216	161	154	173	202	183	200	188	166	178	140	9
4	159	165	161	153	151	154	145	70	44	12	307	317	315	317	[VA]	201	296	293	254	269	217	157	171	174	8
5	177	171	165	162	159	158	160	119	42	0	337	334	358	306	297	335	332	332	355	11	57	170	172	193	16
6	181	172	177	150	156	151	158	122	6	307	300	357	348	309	308	277	292	289	312	312	153	179	175	171	9
7	145	114	104	167	147	154	154	111	347	346	306	289	330	272	176	159	352	117	178	32	108	172	170	183	8
8	170	194	168	190	196	162	171	174	198	213	225	215	232	299	287	297	295	298	281	171	171	177	169	122	9
9	347	87	104	159	157	172	162	248	316	313	319	293	302	298	150	169	158	171	168	172	166	161	163	162	8
10	177	158	161	165	147	169	203	124	111	89	74	36	322	278	180	156	302	322	339	86	172	165	168	194	9
11	198	188	201	192	163	149	176	193	242	199	191	183	176	190	184	295	95	110	98	116	141	75	128	145	9
12	96	286	355	165	173	83	68	74	18	358	317	293	297	289	304	173	191	208	193	177	167	173	314	321	9
13	283	316	143	246	168	192	168	183	169	141	57	334	306	353	63	172	159	217	44	1	352	142	164	153	8
14	161	147	143	150	38	88	71	330	313	18	323	305	308	300	288	306	324	345	312	219	250	152	166	150	15
15	157	151	144	134	137	164	157	112	332	313	316	311	288	227	183	191	122	29	185	160	248	173	188	157	8
16	227	168	168	170	167	165	170	166	76	303	333	299	307	296	231	194	171	196	250	263	147	176	171	163	9
17	147	147	142	161	159	150	110	132	62	321	322	339	325	183	141	153	127	94	151	179	164	144	163	166	8
18	177	166	206	179	144	90	309	263	282	310	356	302	304	296	321	172	262	289	279	287	187	183	178	175	14
19	178	164	154	138	144	155	145	140	49	309	322	335	294	277	162	359	174	313	160	156	160	164	160	157	8
20	162	175	142	108	147	156	159	91	3	288	302	302	280	283	281	290	330	332	48	78	284	292	326	174	14
21	180	294	271	171	175	202	147	142	58	349	329	311	296	334	287	185	174	173	112	107	169	193	173	170	9
22	178	172	169	170	163	167	157	157	313	55	341	350	313	323	303	164	163	174	163	175	177	169	163	151	8
23	179	144	127	134	149	163	159	137	37	316	310	314	307	293	275	219	238	209	188	170	178	205	130	158	8
24	182	176	184	153	120	110	121	71	73	55	48	32	15	355	329	280	342	197	196	171	174	181	160	146	9
25	173	158	155	183	94	161	176	197	199	195	196	181	184	194	200	184	184	183	181	181	185	187	181	235	9
26	184	118	162	178	144	150	162	152	140	142	207	203	198	176	174	169	265	268	190	178	241	256	229	181	9
27	172	177	196	150	145	157	152	133	309	333	292	290	295	301	265	257	237	243	193	168	172	175	178	171	9
28	174	159	154	161	153	111	117	88	70	299	247	207	263	288	140	152	126	276	220	327	58	157	166	177	8
29	351	337	50	161	121	74	146	159	302	332	319	325	326	18	313	56	69	42	73	344	233	152	170	171	15
30	209	163	158	151	154	153	157	103	16	339	333	306	309	300	132	270	253	260	256	223	164	167	145	155	7
31	163	152	166	168	137	164	162	94	54	338	312	302	296	315	263	286	280	311	307	178	172	177	183	181	8
PV	9	9	8	8	8	8	8	7	3	16	15	15	15	14	14	9	13	10	9	9	9	9	8	8	9

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [DC:18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	SE	SSE	SSE	SE	SSE	SSE	E	N	N	NW	NW	WNW	SSW	S	SSW	SSW	SSW	SW	SSW	SSW	SSW	SW	WSW	SSW
2	SSW	SSW	WSW	WSW	SSE	SSE	SSE	SSE	S	W	W	WNW	WNW	SW	SSW	W	W	E	E	SSE	SSE	SSE	SSE	SSE	SSE
3	SW	SSW	S	SSE	S	S	S	S	S	SW	SW	W	NW	SW	SSE	SSE	S	SSW	S	SSW	S	SSE	S	SE	S
4	SSE	SSE	SSE	SSE	SSE	SSE	SE	ENE	NE	NNE	NW	NW	NW	NW	[VA]	SSW	WNW	WNW	WSW	W	SW	SSE	S	S	SSE
5	S	S	SSE	SSE	SSE	SSE	SSE	ESE	NE	N	NNW	NNW	N	NW	WNW	NNW	NNW	NNW	N	N	ENE	S	S	SSW	NNW
6	S	S	S	SSE	SSE	SSE	SSE	ESE	N	NW	WNW	N	NNW	NW	NW	W	WNW	WNW	NW	NW	SSE	S	S	S	S
7	SE	ESE	ESE	SSE	SSE	SSE	SSE	ESE	NNW	NNW	NW	WNW	NNW	W	S	SSE	N	ESE	S	NNE	ESE	S	S	S	SSE
8	S	SSW	SSE	S	SSW	SSE	S	S	SSW	SSW	SW	SW	SW	WNW	WNW	WNW	WNW	WNW	W	S	S	S	S	ESE	S
9	NNW	E	ESE	SSE	SSE	S	SSE	WSW	NW	NW	NW	WNW	WNW	WNW	SSE	S	SSE	S	SSE	S	SSE	SSE	SSE	SSE	SSE
10	S	SSE	SSE	SSE	SSE	S	SSW	SE	ESE	E	ENE	NE	NW	W	S	SSE	WNW	NW	NNW	E	S	SSE	SSE	SSW	S
11	SSW	S	SSW	SSW	SSE	SSE	S	SSW	WSW	SSW	S	S	S	S	S	WNW	E	ESE	E	ESE	SE	ENE	SE	SE	S
12	E	WNW	N	SSE	S	E	ENE	ENE	NNE	N	NW	WNW	WNW	WNW	NW	S	S	SSW	SSW	S	SSE	S	NW	NW	S
13	WNW	NW	SE	WSW	SSE	SSW	SSE	S	S	SE	ENE	NNW	NW	N	ENE	S	SSE	SW	NE	N	N	SE	SSE	SSE	SSE
14	SSE	SSE	SE	SSE	NE	E	ENE	NNW	NW	NNE	NW	NW	NW	WNW	WNW	NW	NW	NNW	NW	SW	WSW	SSE	SSE	SSE	NW
15	SSE	SSE	SE	SE	SE	SSE	SSE	ESE	NNW	NW	NW	NW	WNW	SW	S	S	ESE	NNE	S	SSE	WSW	S	S	SSE	SSE
16	SW	SSE	SSE	S	SSE	SSE	S	SSE	ENE	WNW	NNW	WNW	NW	WNW	SW	SSW	S	SSW	WSW	W	SSE	S	S	SSE	S
17	SSE	SSE	SE	SSE	SSE	SSE	ESE	SE	ENE	NW	NW	NNW	NW	S	SE	SSE	SE	E	SSE	S	SSE	SE	SSE	SSE	SSE
18	S	SSE	SSW	S	SE	E	NW	W	WNW	NW	N	WNW	NW	WNW	NW	S	W	WNW	W	WNW	S	S	S	S	WNW
19	S	SSE	SSE	SE	SE	SSE	SE	SE	NE	NW	NW	NNW	WNW	W	SSE	N	S	NW	SSE	SSE	SSE	SSE	SSE	SSE	SSE
20	SSE	S	SE	ESE	SSE	SSE	SSE	E	N	WNW	WNW	WNW	W	WNW	W	WNW	NNW	NNW	NE	ENE	WNW	WNW	NW	S	WNW
21	S	WNW	W	S	S	SSW	SSE	SE	ENE	N	NNW	NW	WNW	NNW	WNW	S	S	S	ESE	ESE	S	SSW	S	S	S
22	S	S	S	S	SSE	SSE	SSE	SSE	NW	NE	NNW	N	NW	NW	WNW	SSE	SSE	S	SSE	S	S	S	SSE	SSE	SSE
23	S	SE	SE	SE	SSE	SSE	SSE	SE	NE	NW	NW	NW	NW	WNW	W	SW	WSW	SSW	S	S	S	SSW	SE	SSE	SSE
24	S	S	S	SSE	ESE	ESE	ESE	ENE	ENE	NE	NE	NNE	NNE	N	NNW	W	NNW	SSW	SSW	S	S	S	SSE	SE	S
25	S	SSE	SSE	S	E	SSE	S	SSW	SSW	SSW	SSW	S	S	SSW	SSW	S	S	S	S	S	S	S	S	SW	S
26	S	ESE	SSE	S	SE	SSE	SSE	SSE	SE	SE	SSW	SSW	SSW	S	S	S	W	W	S	S	WSW	WSW	SW	S	S
27	S	S	SSW	SSE	SE	SSE	SSE	SE	NW	NNW	WNW	WNW	WNW	WNW	W	WSW	WSW	WSW	SSW	SSE	S	S	S	S	S
28	S	SSE	SSE	SSE	SSE	ESE	ESE	E	ENE	WNW	WSW	SSW	W	WNW	SE	SSE	SE	W	SW	NNW	ENE	SSE	SSE	S	SSE
29	N	NNW	NE	SSE	ESE	ENE	SE	SSE	WNW	NNW	NW	NW	NW	NNE	NW	NE	ENE	NE	ENE	NNW	SW	SSE	S	S	NW
30	SSW	SSE	SSE	SSE	SSE	SSE	SSE	ESE	NNE	NNW	NNW	NW	NW	WNW	SE	W	WSW	W	WSW	SW	SSE	SSE	SE	SSE	SE
31	SSE	SSE	SSE	SSE	SE	SSE	SSE	E	NE	NNW	NW	WNW	WNW	NW	W	WNW	W	NW	NW	S	S	S	S	S	SSE
PV	S	S	SSE	SSE	SSE	SSE	SSE	SE	NE	NNW	NW	NW	NW	WNW	WNW	S	W	SSW	S	S	S	S	SSE	SSE	S

WIND DIRECTION [CC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	181	176	157	165	158	153	150	154	64	346	297	290	277	263	296	293	296	51	85	100	165	179	154	166	8
2	175	162	158	154	157	172	175	149	295	290	290	291	324	288	272	284	305	343	18	157	168	163	151	153	8
3	170	164	160	143	158	161	140	125	82	17	314	312	318	302	290	312	303	321	260	161	162	168	144	151	8
4	144	153	150	163	128	134	130	80	74	9	304	294	310	281	295	305	262	264	191	243	176	152	165	161	8
5	143	142	165	179	170	197	186	157	193	275	169	136	222	355	300	162	170	172	173	158	164	159	161	146	8
6	137	135	163	168	160	152	150	132	110	317	307	306	328	329	306	289	247	323	282	111	183	271	199	166	8
7	173	166	141	150	171	184	88	113	136	165	232	317	302	321	309	261	301	321	7	38	104	156	160	160	8
8	147	154	148	141	148	137	192	119	34	310	270	250	290	301	272	268	285	288	179	154	175	173	173	179	8
9	165	146	151	162	159	149	120	76	358	309	312	296	286	262	177	168	189	182	175	156	164	158	183	169	8
10	173	214	182	188	177	163	164	169	270	289	283	348	17	87	158	215	297	349	85	144	133	65	73	55	8
11	22	338	325	313	322	340	303	292	297	305	6	27	67	77	82	88	95	92	90	77	305	259	234	158	15
12	159	171	165	159	158	153	147	137	38	326	281	275	271	284	293	272	276	197	317	51	136	146	152	149	8
13	113	106	169	336	104	105	112	60	139	138	206	234	286	267	188	161	154	146	357	181	162	163	170	177	9
14	211	94	117	140	145	145	149	182	333	28	29	145	201	181	168	154	154	122	71	67	63	40	54	145	7
15	93	160	169	171	170	170	173	172	147	181	0	312	301	299	288	308	318	343	39	134	147	148	155	192	9
16	204	170	165	152	147	114	147	135	28	307	300	310	301	296	288	248	240	230	254	139	156	151	156	150	8
17	149	141	271	128	133	158	168	186	135	146	319	346	258	237	290	294	306	208	147	152	174	155	161	155	8
18	150	149	144	133	127	136	160	138	75	339	328	305	297	306	299	254	189	169	154	155	154	147	148	16	8
19	358	52	126	153	137	153	156	123	354	277	166	156	67	29	303	32	95	98	131	142	175	320	40	128	7
20	265	131	172	149	149	121	135	352	183	307	346	318	307	318	337	292	309	318	300	182	165	157	161	163	8
21	147	161	160	130	159	124	83	134	86	353	344	352	303	295	311	269	182	193	156	158	173	136	155	159	8
22	154	158	158	153	149	133	136	116	75	346	302	300	280	279	274	251	260	236	205	163	155	137	67	163	8
23	155	157	144	152	156	146	153	120	92	313	306	293	283	274	262	264	248	240	114	166	156	158	170	145	7
24	142	152	162	144	126	154	144	141	112	292	312	313	274	285	13	331	323	287	225	157	157	170	192	161	8
25	165	165	162	159	167	173	173	142	158	162	158	51	251	299.	285	122	23	324	141	155	144	111	101	150	8
26	151	160	170	173	163	229	237	27	26	99	194	179	193	191	182	189	196	198	175	147	159	270	289	277	9
27	267	300	12	38	40	34	68	136	182	101	131	149	150	208	188	258	256	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	3
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
PV	8	8	8	8	8	8	8	7	4	15	15	15	14	14	14	13	14	[VA]	9	8	8	8	9	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [DC:18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	S	SSE	SSE	SSE	SSE	SSE	SSE	ENE	NNW	WNW	WNW	W	W	WNW	WNW	WNW	NE	E	E	SSE	S	SSE	SSE	SSE
2	S	SSE	SSE	SSE	SSE	S	S	SSE	WNW	WNW	WNW	WNW	NW	WNW	W	WNW	NW	NNW	NNE	SSE	SSE	SSE	SSE	SSE	SSE
3	S	SSE	SSE	SE	SSE	SSE	SE	SE	E	NNE	NW	NW	NW	WNW	WNW	NW	WNW	NW	W	SSE	SSE	SSE	SE	SSE	SSE
4	SE	SSE	SSE	SSE	SE	SE	SE	E	ENE	N	NW	WNW	NW	W	WNW	NW	W	W	S	WSW	S	SSE	SSE	SSE	SSE
5	SE	SE	SSE	S	S	SSW	S	SSE	SSW	W	S	SE	SW	N	WNW	SSE	S	S	S	SSE	SSE	SSE	SSE	SE	SSE
6	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	ESE	NW	NW	NW	NNW	NNW	NW	WNW	WSW	NW	WNW	ESE	S	W	SSW	SSE	SSE
7	S	SSE	SE	SSE	S	S	E	ESE	SE	SSE	SW	NW	WNW	NW	NW	W	WNW	NW	N	NE	ESE	SSE	SSE	SSE	SSE
8	SSE	SSE	SSE	SE	SSE	SE	SSW	ESE	NE	NW	W	WSW	WNW	WNW	W	W	WNW	WNW	S	SSE	S	S	S	S	SSE
9	SSE	SE	SSE	SSE	SSE	SSE	ESE	ENE	N	NW	NW	WNW	WNW	W	S	SSE	S	S	S	SSE	SSE	SSE	S	S	SSE
10	S	SW	S	S	S	SSE	SSE	S	W	WNW	WNW	NNW	NNE	E	SSE	SW	WNW	N	E	SE	SE	ENE	ENE	NE	SSE
11	NNE	NNW	NW	NW	NW	NNW	WNW	WNW	WNW	NW	N	NNE	ENE	ENE	E	E	E	E	E	ENE	NW	W	SW	SSE	NW
12	SSE	S	SSE	SSE	SSE	SSE	SSE	SE	NE	NW	W	W	W	WNW	WNW	W	W	SSW	NW	NE	SE	SE	SSE	SSE	SSE
13	ESE	ESE	S	NNW	ESE	ESE	ESE	ENE	SE	SE	SSW	SW	WNW	W	S	SSE	SSE	SE	N	S	SSE	SSE	S	S	S
14	SSW	E	ESE	SE	SE	SE	SSE	S	NNW	NNE	NNE	SE	SSW	S	SSE	SSE	SSE	ESE	ENE	ENE	ENE	NE	NE	SE	SE
15	E	SSE	S	S	S	S	S	S	SSE	S	N	NW	WNW	WNW	WNW	NW	NW	NNW	NE	SE	SSE	SSE	SSE	SSW	S
16	SSW	S	SSE	SSE	SSE	ESE	SSE	SE	NNE	NW	WNW	NW	WNW	WNW	WNW	WSW	WSW	SW	WSW	SE	SSE	SSE	SSE	SSE	SSE
17	SSE	SE	W	SE	SE	SSE	SSE	S	SE	SE	NW	NNW	WSW	WSW	WNW	WNW	NW	SSW	SSE	SSE	S	SSE	SSE	SSE	SSE
18	SSE	SSE	SE	SE	SE	SE	SSE	SE	ENE	NNW	NNW	NW	WNW	NW	WNW	WSW	S	S	SSE	SSE	SSE	SSE	SSE	NNE	SSE
19	N	NE	SE	SSE	SE	SSE	SSE	ESE	N	W	SSE	SSE	ENE	NNE	WNW	NNE	E	E	SE	SE	S	NW	NE	SE	SE
20	W	SE	S	SSE	SSE	ESE	SE	N	S	NW	NNW	NW	NW	NW	NNW	WNW	NW	NW	WNW	S	SSE	SSE	SSE	SSE	SSE
21	SSE	SSE	SSE	SE	SSE	SE	E	SE	E	N	NNW	N	WNW	WNW	NW	W	S	SSW	SSE	SSE	S	SE	SSE	SSE	SSE
22	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	ENE	NNW	WNW	WNW	W	W	W	WSW	W	SW	SSW	SSE	SSE	SE	ENE	SSE	SSE
23	SSE	SSE	SE	SSE	SSE	SE	SSE	ESE	E	NW	NW	WNW	WNW	W	W	W	WSW	WSW	ESE	SSE	SSE	SSE	S	SE	SE
24	SE	SSE	SSE	SE	SE	SSE	SE	SE	ESE	WNW	NW	NW	W	WNW	NNE	NNW	NW	WNW	SW	SSE	SSE	S	SSW	SSE	SSE
25	SSE	SSE	SSE	SSE	SSE	S	S	SE	SSE	SSE	SSE	NE	WSW	WNW	WNW	ESE	NNE	NW	SE	SSE	SE	ESE	E	SSE	SSE
26	SSE	SSE	S	S	SSE	SW	WSW	NNE	NNE	E	SSW	S	SSW	S	S	S	SSW	SSW	S	SSE	SSE	W	WNW	W	S
27	W	WNW	NNE	NE	NE	NE	ENE	SE	S	E	SE	SSE	SSE	SSW	S	WSW	WSW	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	NE
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
PV	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	ENE	NW	NW	NW	WNW	WNW	WNW	W	WNW	[VA]	S	SSE	SSE	SSE	S	SSE	SSE

QHOUT -- QU004 <811027.1411>

WIND DIRECTION [CC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	281	301	281	298	342	22	155	157	146	154	147	8
3	148	141	147	154	152	151	154	116	82	35	346	313	298	280	307	330	349	359	137	164	128	145	158	154	7
4	142	145	129	157	150	153	160	149	101	325	295	287	328	322	341	332	349	16	141	150	156	138	153	169	8
5	205	255	236	253	189	161	153	130	17	348	52	33	56	68	26	71	107	145	165	151	141	100	126	157	8
6	155	156	159	158	152	146	128	92	65	4	336	317	10	58	43	357	316	313	305	158	159	150	158	151	8
7	154	148	150	157	151	139	92	85	110	279	280	289	261	88	343	7	45	356	298	291	296	316	316	358	14
8	60	68	122	137	145	176	160	164	225	271	103	330	286	343	48	51	24	8	351	341	315	307	261	218	16
9	165	158	156	162	194	178	164	185	244	271	345	297	275	337	329	37	85	76	86	85	76	115	105	148	8
10	188	216	202	169	165	158	164	179	280	326	35	39	64	60	72	64	54	63	82	88	146	157	156	154	[VA]
11	151	155	158	152	133	139	149	130	53	303	283	339	66	37	82	78	82	94	125	153	161	152	162	154	8
12	153	160	154	144	156	150	151	141	125	284	38	52	40	44	81	161	260	262	152	154	163	155	155	155	8
13	143	137	146	143	128	157	145	153	240	302	311	25	48	88	37	26	60	75	107	152	159	156	153	150	7
14	149	142	145	149	146	140	144	123	85	300	290	335	30	295	290	335	326	346	91	163	158	154	149	154	7
15	50	53	139	122	131	137	139	110	99	318	341	335	324	304	289	301	325	338	155	158	156	167	158	153	7
16	156	155	143	151	116	137	139	155	149	272	286	311	279	275	290	300	308	97	150	156	154	152	157	159	7
17	149	143	140	104	150	137	156	137	136	187	329	299	295	293	264	234	233	227	218	180	144	130	149	129	8
18	145	152	175	155	147	145	119	152	150	311	312	283	290	262	244	260	295	299	284	285	286	293	334	352	14
19	341	349	6	38	132	114	214	159	113	86	50	345	303	326	312	313	342	1	114	144	153	142	150	152	8
20	153	146	133	152	142	137	141	137	92	320	290	299	300	294	280	330	266	254	157	155	158	158	161	156	8
21	154	146	131	144	148	147	146	144	124	331	323	324	282	263	257	273	276	300	139	154	142	147	152	148	7
22	150	153	150	144	112	123	114	138	135	142	287	278	281	319	325	315	329	313	156	157	153	161	156	142	7
23	149	149	147	129	148	129	114	141	94	6	303	281	312	321	306	307	308	248	167	161	155	157	153	175	8
24	146	136	150	133	133	153	153	162	118	302	277	308	285	272	322	309	304	296	199	132	94	164	184	216	7
25	154	191	90	133	150	130	139	114	82	131	291	279	271	275	293	293	294	302	249	171	161	158	105	153	8
26	148	121	147	123	72	89	120	93	79	105	189	181	176	180	181	183	171	166	181	203	268	175	157	151	9
27	108	46	124	225	282	356	34	290	16	298	203	168	171	179	157	278	252	308	244	187	192	155	163	159	9
28	166	163	166	161	159	162	150	148	146	148	272	308	276	73	300	50	74	122	159	174	167	172	200	213	8
29	180	167	163	139	158	140	136	107	127	193	206	222	226	187	186	176	172	187	160	227	142	187	173	159	9
30	136	97	95	84	63	131	116	87	140	303	231	264	295	123	299	15	137	145	192	197	197	104	104	104	6
31	75	71	71	72	71	70	29	22	329	260	266	290	334	350	5	340	341	340	52	156	170	167	241	273	[VA]
PV	8	8	8	7	7	7	7	7	[VA]	14	14	15	14	[VA]	15	16	15	1	7	8	8	8	8	8	8

QHOUT -- QUOOI <811111.1750>

WIND DIRECTION [CC:18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	W	WNW	W	WNW	NNW	NNE	SSE	SSE	SE	SSE	SSE	SSE
3	SSE	SE	SSE	SSE	SSE	SSE	SSE	ESE	E	NE	NNW	NW	WNW	W	NW	NNW	N	N	SE	SSE	SE	SE	SSE	SSE	SE
4	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	E	NW	WNW	WNW	NNW	NW	NNW	NNW	N	NNE	SE	SSE	SSE	SE	SSE	S	SSE
5	SSW	WSW	SW	WSW	S	SSE	SSE	SE	NNE	NNW	NE	NNE	NE	E	NNE	ENE	ESE	SE	SSE	SSE	SE	E	SE	SSE	SSE
6	SSE	SSE	SSE	SSE	SSE	SE	SE	E	ENE	N	NNW	NW	N	ENE	NE	N	NW	NW	NW	SSE	SSE	SSE	SSE	SSE	SSE
7	SSE	SSE	SSE	SSE	SSE	SE	E	E	ESE	W	W	WNW	W	E	NNW	N	NE	N	WNW	WNW	WNW	NW	NW	N	WNW
8	ENE	ENE	ESE	SE	SE	S	SSE	SSE	SW	W	ESE	NNW	WNW	NNW	NE	NE	NNE	N	N	NNW	NW	NW	W	SW	NNW
9	SSE	SSE	SSE	SSE	SSW	S	SSE	S	WSW	W	NNW	WNW	W	NNW	NNW	NE	E	ENE	E	E	ENE	ESE	ESE	SSE	SSE
10	S	SW	SSW	S	SSE	SSE	SSE	S	W	NW	NE	NE	ENE	ENE	ENE	ENE	NE	ENE	E	E	SE	SSE	SSE	SSE	[VA]
11	SSE	SSE	SSE	SSE	SE	SE	SSE	SE	NE	WNW	WNW	NNW	ENE	NE	E	ENE	E	E	SE	SSE	SSE	SSE	SSE	SSE	SSE
12	SSE	SSE	SSE	SE	SSE	SSE	SSE	SE	SE	WNW	NE	NE	NE	NE	E	SSE	W	W	SSE	SSE	SSE	SSE	SSE	SSE	SSE
13	SE	SE	SE	SE	SE	SSE	SE	SSE	WSW	WNW	NW	NNE	NE	E	NE	NNE	ENE	ENE	ESE	SSE	SSE	SSE	SSE	SSE	SE
14	SSE	SE	SE	SSE	SE	SE	SE	ESE	E	WNW	WNW	NNW	NNE	WNW	WNW	NNW	NW	NNW	E	SSE	SSE	SSE	SSE	SSE	SE
15	NE	NE	SE	ESE	SE	SE	SE	ESE	E	NW	NNW	NNW	NW	NW	WNW	WNW	NW	NNW	SSE	SSE	SSE	SSE	SSE	SSE	SE
16	SSE	SSE	SE	SSE	ESE	SE	SE	SSE	SSE	W	WNW	NW	W	W	WNW	WNW	NW	E	SSE	SSE	SSE	SSE	SSE	SSE	SE
17	SSE	SE	SE	ESE	SSE	SE	SSE	SE	SE	S	NNW	WNW	WNW	WNW	W	SW	SW	SW	SW	S	SE	SE	SSE	SE	SSE
18	SE	SSE	S	SSE	SSE	SE	ESE	SSE	SSE	NW	NW	WNW	WNW	W	WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	NNW	N	WNW
19	NNW	N	N	NE	SE	ESE	SW	SSE	ESE	E	NE	NNW	WNW	NW	NW	NW	NNW	N	ESE	SE	SSE	SE	SSE	SSE	SSE
20	SSE	SE	SE	SSE	SE	SE	SE	SE	E	NW	WNW	WNW	WNW	WNW	W	NNW	W	WSW	SSE	SSE	SSE	SSE	SSE	SSE	SSE
21	SSE	SE	SE	SE	SSE	SSE	SE	SE	SE	NNW	NW	NW	WNW	W	WSW	W	W	WNW	SE	SSE	SE	SSE	SSE	SSE	SE
22	SSE	SSE	SSE	SE	ESE	ESE	ESE	SE	SE	SE	WNW	W	W	NW	NW	NW	NNW	NW	SSE	SSE	SSE	SSE	SSE	SE	SE
23	SSE	SSE	SSE	SE	SSE	SE	ESE	SE	E	N	WNW	W	NW	NW	NW	NW	NW	WSW	SSE	SSE	SSE	SSE	SSE	S	SSE
24	SE	SE	SSE	SE	SE	SSE	SSE	SSE	ESE	WNW	W	NW	WNW	W	NW	NW	NW	WNW	SSW	SE	E	SSE	S	SW	SE
25	SSE	S	E	SE	SSE	SE	SE	ESE	E	SE	WNW	W	W	W	WNW	WNW	WNW	WNW	WSW	S	SSE	SSE	ESE	SSE	SSE
26	SSE	ESE	SSE	ESE	ENE	E	ESE	E	E	ESE	S	S	S	S	S	S	S	SSE	S	SSW	W	S	SSE	SSE	S
27	ESE	NE	SE	SW	WNW	N	NE	WNW	NNE	WNW	SSW	SSE	S	S	SSE	W	WSW	NW	WSW	S	SSW	SSE	SSE	SSE	S
28	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	W	NW	W	ENE	WNW	NE	ENE	ESE	SSE	S	SSE	S	SSW	SSW	SSE
29	S	SSE	SSE	SE	SSE	SE	SE	ESE	SE	SSW	SSW	SW	SW	S	S	S	S	S	SSE	SW	SE	S	S	SSE	S
30	SE	E	E	E	ENE	SE	ESE	E	SE	WNW	SW	W	WNW	ESE	WNW	NNE	SE	SE	SSW	SSW	SSW	ESE	ESE	ESE	ESE
31	ENE	ENE	ENE	ENE	ENE	ENE	NNE	NNE	NNW	W	W	WNW	NNW	N	N	NNW	NNW	NNW	NE	SSE	S	SSE	WSW	W	[VA]
PV	SSE	SSE	SSE	SE	SE	SE	SE	SE	[VA]	WNW	WNW	NW	WNW	[VA]	NW	NNW	NW	N	SE	SSE	SSE	SSE	SSE	SSE	SSE

WIND DIRECTION [CC:10]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	170	160	160	170	170	170	175	170	155	255	260	251	247	284	267	282	290	312	66	158	91	25	29	85	9
2	127	141	147	359	319	300	146	171	148	312	57	348	65	74	35	59	88	100	130	131	162	156	155	158	8
3	151	167	148	120	143	150	151	105	94	344	318	312	297	289	322	335	344	2	74	163	173	168	179	155	8
4	154	154	159	135	105	139	157	123	174	312	346	344	296	306	305	304	309	275	247	170	164	161	155	156	8
5	158	161	151	160	159	142	155	102	141	31	297	281	297	272	300	306	280	271	222	174	167	163	163	159	8
6	133	79	87	167	161	149	139	156	140	61	326	292	280	301	298	317	193	160	163	167	173	172	166	173	8
7	157	152	161	133	155	126	140	158	92	342	317	277	292	311	276	274	272	155	161	167	134	127	147	130	8
8	160	163	189	196	180	185	179	185	188	183	251	352	341	276	297	352	30	42	51	177	99	82	64	112	9
9	76	10	53	39	73	109	102	38	342	310	69	327	178	181	168	191	258	32	121	150	155	155	145	145	[VA]
10	110	345	74	137	159	157	67	269	100	109	242	186	192	214	223	223	206	277	149	158	177	250	225	260	11
11	101	206	283	267	280	273	247	152	158	200	201	215	211	160	153	143	225	275	274	255	239	183	188	169	13
12	159	166	166	164	164	166	158	151	136	116	102	52	80	270	92	104	96	108	160	162	156	164	122	169	8
13	171	161	162	155	151	140	131	51	159	168	117	273	286	271	278	269	269	296	288	263	170	114	102	106	8
14	145	161	154	165	155	163	157	161	157	166	307	259	266	300	291	295	329	286	175	164	155	149	156	156	8
15	142	162	159	161	146	101	139	161	154	272	298	284	282	275	282	272	308	275	237	232	174	182	162	159	8
16	157	160	154	155	161	147	147	162	155	234	301	269	292	282	327	248	254	311	130	163	160	149	160	154	8
17	156	130	169	158	89	120	155	168	156	314	295	297	283	244	274	277	271	227	175	161	165	161	129	128	8
18	137	150	128	119	61	194	178	196	173	147	184	227	289	289	279	196	178	165	149	162	166	166	179	172	9
19	175	179	179	177	182	188	190	200	187	235	244	218	198	256	252	252	273	290	215	169	167	163	178	161	9
20	164	162	164	154	145	149	165	144	146	176	302	305	225	293	270	257	109	125	155	156	169	170	210	158	8
21	157	159	159	155	154	160	171	159	141	105	280	290	323	316	301	303	275	193	140	155	148	154	142	141	8
22	153	148	141	118	81	41	134	155	59	32	343	340	291	228	308	18	19	35	54	91	99	44	39	70	3
23	78	68	16	71	123	87	100	116	158	92	37	32	30	37	41	39	43	64	97	79	150	154	156	155	3
24	148	141	134	138	136	130	73	30	37	284	290	330	289	293	284	291	154	111	255	63	314	307	303	31	14
25	135	158	156	173	163	172	74	38	294	248	295	262	247	282	338	275	301	215	168	285	239	219	254	256	12
26	236	189	214	147	155	161	171	190	145	138	316	298	303	239	190	245	321	16	73	137	166	154	152	142	8
27	89	135	140	153	147	120	126	148	151	208	342	352	13	293	327	293	259	208	108	163	161	156	153	156	7
28	147	150	154	111	112	121	147	160	287	6	140	240	304	69	332	238	236	231	245	153	172	28	247	158	8
29	165	107	24	164	159	142	25	278	305	241	317	290	270	261	163	149	278	108	171	191	182	174	2	324	8
30	145	271	288	312	282	288	110	94	347	300	141	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	14
PV	8	8	8	8	8	8	8	8	8	15	15	13	14	14	14	13	13	13	8	8	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [DC;18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	SSE	SSE	S	S	S	S	S	SSE	WSW	W	WSW	WSW	WNW	W	WNW	WNW	NW	ENE	SSE	E	NNE	NNE	E	S
2	SE	SE	SSE	N	NW	WNW	SE	S	SSE	NW	ENE	NNW	ENE	ENE	NE	ENE	E	E	SE	SE	SSE	SSE	SSE	SSE	SSE
3	SSE	SSE	SSE	ESE	SE	SSE	SSE	ESE	E	NNW	NW	NW	WNW	WNW	NW	NNW	NNW	N	ENE	SSE	S	SSE	S	SSE	SSE
4	SSE	SSE	SSE	SE	ESE	SE	SSE	ESE	S	NW	NNW	NNW	WNW	NW	NW	NW	NW	W	WSW	S	SSE	SSE	SSE	SSE	SSE
5	SSE	SSE	SSE	SSE	SSE	SE	SSE	ESE	SE	NNE	WNW	W	WNW	W	WNW	NW	W	W	SW	S	SSE	SSE	SSE	SSE	SSE
6	SE	E	E	SSE	SSE	SSE	SE	SSE	SE	ENE	NW	WNW	W	WNW	WNW	NW	SSW	SSE	SSE	SSE	S	S	SSE	S	SSE
7	SSE	SSE	SSE	SE	SSE	SE	SE	SSE	E	NNW	NW	W	WNW	NW	W	W	W	SSE	SSE	SSE	SE	SE	SSE	SE	SSE
8	SSE	SSE	S	SSW	S	S	S	S	S	S	WSW	N	NNW	W	WNW	N	NNE	NE	NE	S	E	E	ENE	ESE	S
9	ENE	N	NE	NE	ENE	ESE	ESE	NE	NNW	NW	ENE	NNW	S	S	S	S	WSW	NNE	ESE	SSE	SSE	SSE	SE	SE	[VA]
10	ESE	NNW	ENE	SE	SSE	SSE	ENE	W	E	ESE	WSW	S	SSW	SW	SW	SW	SSW	W	SSE	SSE	S	WSW	SW	W	SW
11	E	SSW	WNW	W	W	W	WSW	SSE	SSE	SSW	SSW	SW	SSW	SSE	SSE	SE	SW	W	W	WSW	WSW	S	S	S	W
12	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	ESE	ESE	NE	E	W	E	ESE	E	ESE	SSE	SSE	SSE	SSE	ESE	S	SSE
13	S	SSE	SSE	SSE	SSE	SE	SE	NE	SSE	SSE	ESE	W	WNW	W	W	W	W	WNW	WNW	W	S	ESE	ESE	ESE	SSE
14	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	NW	W	W	WNW	WNW	WNW	NNW	WNW	S	SSE	SSE	SSE	SSE	SSE	SSE
15	SE	SSE	SSE	SSE	SE	E	SE	SSE	SSE	W	WNW	WNW	WNW	W	WNW	W	NW	W	WSW	SW	S	S	SSE	SSE	SSE
16	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SW	WNW	W	WNW	WNW	NNW	WSW	WSW	NW	SE	SSE	SSE	SSE	SSE	SSE	SSE
17	SSE	SE	S	SSE	E	ESE	SSE	SSE	SSE	NW	WNW	WNW	WNW	WSW	W	W	W	SW	S	SSE	SSE	SSE	SE	SE	SSE
18	SE	SSE	SE	ESE	ENE	SSW	S	SSW	S	SSE	S	SW	WNW	WNW	W	SSW	S	SSE	SSE	SSE	SSE	SSE	S	S	S
19	S	S	S	S	S	S	S	SSW	S	SW	WSW	SW	SSW	WSW	WSW	WSW	W	WNW	SW	S	SSE	SSE	S	SSE	S
20	SSE	SSE	SSE	SSE	SE	SSE	SSE	SE	SE	S	WNW	NW	SW	WNW	W	WSW	ESE	SE	SSE	SSE	S	S	SSW	SSE	SSE
21	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SE	ESE	W	WNW	NW	NW	WNW	WNW	W	SSW	SE	SSE	SSE	SSE	SE	SE	SSE
22	SSE	SSE	SE	ESE	E	NE	SE	SSE	ENE	NNE	NNW	NNW	WNW	SW	NW	NNE	NNE	NE	NE	E	E	NE	NE	ENE	NE
23	ENE	ENE	NNE	ENE	ESE	E	E	ESE	SSE	E	NE	NNE	NNE	NE	NE	NE	NE	ENE	E	E	SSE	SSE	SSE	SSE	NE
24	SSE	SE	SE	SE	SE	SE	ENE	NNE	NE	WNW	WNW	NNW	WNW	WNW	WNW	WNW	SSE	ESE	WSW	ENE	NW	NW	WNW	NNE	WNW
25	SE	SSE	SSE	S	SSE	S	ENE	NE	WNW	WSW	WNW	W	WSW	WNW	NNW	W	WNW	SW	SSE	WNW	WSW	SW	WSW	WSW	WSW
26	SW	S	SW	SSE	SSE	SSE	S	S	SE	SE	NW	WNW	WNW	WSW	S	WSW	NW	NNE	ENE	SE	SSE	SSE	SSE	SE	SSE
27	E	SE	SE	SSE	SSE	ESE	SE	SSE	SSE	SSW	NNW	N	NNE	WNW	NNW	WNW	W	SSW	ESE	SSE	SSE	SSE	SSE	SSE	SE
28	SSE	SSE	SSE	ESE	ESE	ESE	SSE	SSE	WNW	N	SE	WSW	NW	ENE	NNW	WSW	SW	SW	WSW	SSE	S	NNE	WSW	SSE	SSE
29	SSE	ESE	NNE	SSE	SSE	SE	NNE	W	NW	WSW	NW	WNW	W	W	SSE	SSE	W	ESE	S	S	S	S	N	NW	SSE
30	SE	W	WNW	NW	WNW	WNW	ESE	E	NNW	WNW	SE	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	WNW
PV	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	NW	NW	W	WNW	WNW	WNW	W	W	W	SSE	SSE	SSE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:18]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	279	269	318	312	289	26	139	153	172	160	167	166	8
4	148	144	145	128	104	150	151	157	124	223	270	276	295	309	297	283	300	6	278	148	165	115	142	144	7
5	148	153	95	130	138	80	34	86	64	345	283	280	269	275	287	282	242	250	91	153	159	163	140	91	8
6	87	153	93	149	129	79	156	235	136	135	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	7
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	25	343	35	324	333	328	302	254	186	162	161	160	153	146	8
12	146	149	141	120	128	118	95	231	242	263	159	160	161	237	317	295	216	253	19	302	155	163	154	155	7
13	159	169	164	160	256	290	284	282	321	67	344	347	300	277	277	272	281	294	145	183	165	177	199	218	14
14	239	226	232	209	201	200	169	163	165	171	177	264	309	256	295	346	16	63	135	158	155	151	147	132	9
15	143	143	63	97	140	66	350	267	145	297	288	41	30	331	261	275	256	237	163	167	164	126	335	32	7
16	178	293	164	166	47	123	178	152	152	133	306	251	258	276	338	290	239	147	160	152	171	158	150	150	8
17	123	135	172	160	123	150	160	113	166	6	268	258	206	24	262	218	3	55	83	95	194	189	323	161	8
18	184	119	144	323	104	151	72	74	130	135	161	207	266	269	236	168	117	150	156	157	139	141	151	154	7
19	151	153	144	143	122	133	159	132	123	140	181	287	274	262	257	270	1	34	153	169	159	121	150	172	8
20	149	143	140	136	149	88	3	160	148	57	188	299	310	268	250	267	262	156	126	30	243	164	168	119	8
21	138	55	331	62	127	144	117	201	199	296	335	266	241	59	302	338	299	276	250	209	335	133	113	116	7
22	127	139	157	119	104	169	342	137	142	39	320	297	299	209	183	177	171	141	156	152	128	156	168	8	8
23	10	79	30	203	186	186	193	258	200	146	39	27	39	178	268	229	143	98	60	358	230	251	181	180	10
24	228	102	138	160	287	348	18	27	20	2	41	24	28	29	33	30	30	21	25	35	36	29	32	59	2
25	111	111	81	27	275	150	249	175	183	202	279	296	1	354	349	265	303	30	146	160	153	152	142	136	8
26	139	142	130	141	134	141	136	97	128	148	32	355	358	338	312	307	281	230	161	145	155	164	150	153	7
27	158	145	154	144	142	123	71	79	143	142	314	308	289	283	289	304	195	285	347	338	351	265	242	236	[VR]
28	125	158	165	158	153	151	153	152	147	103	53	354	36	69	336	296	32	48	131	154	154	156	154	155	8
29	150	150	149	140	146	135	128	82	82	70	19	311	333	282	264	281	346	217	172	162	163	146	151	158	8
30	148	136	150	132	109	132	106	151	127	77	98	353	5	352	14	284	217	151	126	163	145	116	93	160	7
31	153	121	126	140	116	152	140	99	95	31	333	301	282	292	279	273	278	271	109	162	157	148	153	136	7
PV	8	7	8	7	7	7	8	8	7	7	2	14	14	13	14	14	13	12	8	8	8	7	8	8	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:18]

LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	W	W	NW	NW	WNW	NNE	SE	SSE	S	SSE	SSE	SSE	SSE
4	SSE	SE	SE	SE	ESE	SSE	SSE	SSE	SE	SW	W	W	WNW	NW	WNW	WNW	WNW	N	W	SSE	SSE	ESE	SE	SE	SE
5	SSE	SSE	E	SE	SE	E	NE	E	ENE	NNW	WNW	W	W	W	WNW	WNW	WSW	WSW	E	SSE	SSE	SSE	SE	E	SSE
6	E	SSE	E	SSE	SE	E	SSE	SW	SE	SE	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	SE
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	NNE	NNW	NE	NW	NNW	NNW	WNW	WSW	S	SSE	SSE	SSE	SSE	SE	SSE
12	SE	SSE	SE	ESE	SE	ESE	E	SW	WSW	W	SSE	SSE	SSE	WSW	NW	WNW	SW	WSW	NNE	WNW	SSE	SSE	SSE	SSE	SE
13	SSE	S	SSE	SSE	WSW	WNW	WNW	WNW	NW	ENE	NNW	NNW	WNW	W	W	W	W	WNW	SE	S	SSE	S	SSW	SW	WNW
14	WSW	SW	SW	SSW	SSW	SSW	S	SSE	SSE	S	S	W	NW	WSW	WNW	NNW	NNE	ENE	SE	SSE	SSE	SSE	SSE	SE	S
15	SE	SE	ENE	E	SE	ENE	N	W	SE	WNW	WNW	NE	NNE	NNW	W	W	WSW	WSW	SSE	SSE	SSE	SE	NNW	NNE	SE
16	S	WNW	SSE	SSE	NE	ESE	S	SSE	SSE	SE	NW	WSW	WSW	W	NNW	WNW	WSW	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE
17	ESE	SE	S	SSE	ESE	SSE	SSE	ESE	SSE	N	W	WSW	SSW	NNE	W	SW	N	NE	E	E	SSW	S	NW	SSE	SSE
18	S	ESE	SE	NW	ESE	SSE	ENE	ENE	SE	SE	SSE	SSW	W	W	SW	SSE	ESE	SSE	SSE	SSE	SE	SE	SSE	SSE	SE
19	SSE	SSE	SE	SE	ESE	SE	SSE	SE	ESE	SE	S	WNW	W	W	WSW	W	N	NE	SSE	S	SSE	ESE	SSE	S	SSE
20	SSE	SE	SE	SE	SSE	E	N	SSE	SSE	ENE	S	WNW	NW	W	WSW	W	W	SSE	SE	NNE	WSW	SSE	SSE	ESE	SSE
21	SE	NE	NNW	ENE	SE	SE	ESE	SSW	SSW	WNW	NNW	W	WSW	ENE	WNW	NNW	WNW	W	WSW	SSW	NNW	SE	ESE	ESE	SE
22	SE	SE	SSE	ESE	ESE	S	NNW	SE	SE	NE	NW	WNW	WNW	SSW	S	S	S	SE	SSE	SSE	SE	SSE	SSE	N	SSE
23	N	E	NNE	SSW	S	S	SSW	WSW	SSW	SE	NE	NNE	NE	S	W	SW	SE	E	ENE	N	SW	WSW	S	S	SSW
24	SW	ESE	SE	SSE	WNW	NNW	NNE	NNE	NNE	N	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NNE	NNE	ENE	NNE
25	ESE	ESE	E	NNE	W	SSE	WSW	S	S	SSW	W	WNW	N	N	N	W	WNW	NNE	SE	SSE	SSE	SSE	SE	SE	SSE
26	SE	SE	SE	SE	SE	SE	SE	E	SE	SSE	NNE	N	N	NNW	NW	NW	W	SW	SSE	SE	SSE	SSE	SSE	SSE	SE
27	SSE	SE	SSE	SE	SE	ESE	ENE	E	SE	SE	NW	NW	WNW	WNW	WNW	NW	SSW	WNW	NNW	NNW	N	W	WSW	SW	[VA]
28	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ESE	NE	N	NE	ENE	NNW	WNW	NNE	NE	SE	SSE	SSE	SSE	SSE	SSE	SSE
29	SSE	SSE	SSE	SE	SE	SE	SE	E	E	ENE	NNE	NW	NNW	WNW	W	W	NNW	SW	S	SSE	SSE	SE	SSE	SSE	SSE
30	SSE	SE	SSE	SE	ESE	SE	ESE	SSE	SE	ENE	E	N	N	N	NNE	WNW	SW	SSE	SE	SSE	SE	ESE	E	SSE	SE
31	SSE	ESE	SE	SE	ESE	SSE	SE	E	E	NNE	NNW	WNW	WNW	WNW	W	W	W	W	ESE	SSE	SSE	SSE	SSE	SE	SE
PV	SSE	SE	SSE	SE	SE	SE	SSE	SSE	SE	SE	NNE	WNW	WNW	W	WNW	WNW	W	WSW	SSE	SSE	SSE	SE	SSE	SSE	SE

QHOUT -- 00004 <811027.1411>

DELTA T [DC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.4	-.3	-.2	-.2	-.3	-.3	-.2	.5	1.0	.1	-.2	-.1	-.1	-.3	-.7	-.3	-.2	-.2	-.2	.1	.6	.6	1.1	.9	.0	1.1
2	1.1	.5	.1	.3	.0	.4	.6	.8	.1	-.1	-.2	-.4	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.3	.2	.5	.4	.0	.1	1.1
3	.0	.0	.6	1.4	.2	.6	1.3	2.0	.8	.4	.3	1.3	.3	.0	.0	.0	.1	.7	1.4	1.6	.4	1.0	.5	.5	.6	2.0
4	.6	.8	.7	.6	1.2	.2	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.1	-.2	-.2	.2	.6	1.0	.2	.4	.6	1.0	.3	1.2
5	.6	1.6	.8	.6	-.1	-.1	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.1	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	.4	.0	.0	1.6
6	-.1	.1	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.5	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	.3	.3	.9	.9	-.1	.9
7	1.4	.9	.4	.2	.2	.1	.5	.4	1.1	.5	-.1	.0	-.1	.0	-.1	-.2	-.2	-.2	.6	1.1	1.3	1.5	1.6	.3	.5	1.6
8	.4	.5	.6	.5	.9	.9	.8	.5	.7	-.1	-.2	.0	-.1	-.3	-.3	-.3	-.2	-.1	.5	.9	.8	.6	1.5	1.1	.4	1.5
9	.8	.2	1.1	.4	.8	.8	.3	.6	.6	-.1	.0	-.1	-.1	-.2	-.3	-.3	-.2	-.1	.1	.6	.7	.7	.8	1.1	.3	1.1
10	.7	.7	.8	.1	.1	1.0	1.4	1.0	1.0	.3	-.1	-.1	-.1	-.1	-.2	-.2	-.2	.0	.1	.7	1.4	1.4	.7	1.2	.5	1.4
11	.6	1.1	.7	.6	.7	.8	.8	.5	.5	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.3	.1	.3	.2	1.1	1.8	.3	1.8
12	1.0	1.5	.6	.8	.7	1.1	.8	1.0	1.2	.2	.0	.0	-.1	-.1	.0	-.2	-.1	.5	2.0	1.7	1.0	.9	.4	.6	.6	2.0
13	.4	.9	.8	.8	1.0	.8	1.0	1.8	1.2	.6	.7	.7	.1	-.2	-.1	.0	.0	.3	.1	.6	.8	1.4	1.9	2.4	.8	2.4
14	1.3	.6	.3	.5	1.2	1.5	.9	.4	.6	.3	.0	.1	.0	-.1	-.1	-.1	-.1	-.1	.7	.9	.4	.8	1.2	1.0	.5	1.5
15	2.7	4.3	2.1	1.2	1.8	1.4	1.1	.7	.6	.7	1.6	.6	-.1	.0	.0	-.1	.0	1.2	2.0	2.0	1.1	.4	.3	.5	1.1	4.3
16	1.1	.3	.8	.8	.5	.6	.4	.8	.5	.8	.1	.3	.1	-.1	-.1	-.1	.1	.1	.1	.1	.0	.5	.2	.6	.4	1.1
17	.0	.1	.2	.2	.2	.4	.2	.5	.7	.8	.5	.1	.0	.0	-.5	.0	.2	.4	.8	.1	.7	.5	.5	1.0	.3	1.0
18	.8	.8	.6	1.1	1.7	2.2	1.7	2.3	1.5	1.4	.8	1.6	1.2	.2	.3	.0	.0	.0	.2	.0	.4	1.2	1.8	1.3	1.0	2.3
19	1.0	1.0	.4	1.0	1.9	2.1	1.5	.6	.7	-.1	-.1	-.1	-.1	-.2	-.1	-.2	.0	.1	.1	.7	.3	.2	.4	1.0	.5	2.1
20	1.6	1.4	.7	.2	.4	1.0	1.7	1.8	1.3	1.0	-.1	.3	-.2	-.3	-.3	-.3	-.2	-.2	-.1	.5	.6	.6	1.7	2.0	.6	2.0
21	.6	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.1	.2	.3	-.1	.0	.0	-.1	.6
22	.0	.0	1.5	1.2	.3	.7	.4	1.3	1.1	.6	.2	-.2	-.2	-.2	-.2	-.4	-.3	-.2	-.3	-.3	.0	-.2	-.1	-.5	.2	1.5
23	.4	-.2	.2	.9	1.2	2.0	1.9	2.8	2.4	1.5	.4	.2	-.1	.0	-.1	-.1	.1	.7	1.0	.7	1.1	1.2	1.2	.6	.8	2.8
24	.2	.3	.6	.3	.4	.7	.8	.7	.2	-.2	-.2	-.2	-.3	-.2	-.2	-.1	.0	.1	.7	.7	.9	1.0	1.3	1.5	.4	1.5
25	.5	.7	.7	1.1	.6	1.0	1.7	1.5	.6	.5	.0	-.2	-.2	-.1	-.1	-.2	-.2	.1	.7	1.1	1.2	.6	.9	1.3	.6	1.7
26	1.3	1.0	1.1	.9	1.1	1.1	.1	.9	.9	-.1	-.1	-.2	-.2	-.2	-.1	-.2	.0	.2	.5	.6	.4	.6	.7	1.4	.5	1.4
27	.7	.2	.3	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.2	.0	-.1	-.1	.0	.5	1.3	1.5	1.5	.9	.6	.2	1.5
28	.6	.8	.9	.9	.7	.5	.1	.1	-.1	-.4	-.4	-.2	-.2	-.1	-.7	-.2	-.2	.0	.2	.6	.7	.6	.8	.3	.2	.9
29	.1	.3	.0	-.1	-.2	-.1	.0	-.1	.0	.0	-.5	[CA]	-.5	-.2	-.3	-.3	-.2	-.1	.1	.1	.7	.4	.9	.3	.0	.9
30	.4	.4	.3	.3	.0	.2	.1	.6	.5	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.1	-.1	.3	1.3	1.0	.7	.7	.2	.2	1.3
31	.3	.8	1.2	1.6	.9	.6	.5	.2	.1	-.2	-.2	-.3	-.3	-.2	-.3	-.2	-.3	-.2	-.1	-.1	-.3	-.2	-.2	-.1	.1	1.6
AV	.7	.7	.6	.6	.6	.7	.6	.7	.6	.2	.0	.1	-.1	-.1	-.2	-.2	-.1	.1	.4	.6	.6	.6	.8	.8	.4	4.3
SD	.6	.8	.5	.5	.6	.7	.7	.8	.6	.5	.4	.5	.3	.1	.2	.1	.1	.3	.6	.6	.4	.5	.5	.7	.6	[ ]

QHOUT -- 00000 <811111.1807>

DELTA T [DC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.2	.2	.2	-.2	-.3	-.1	.0	.2	.0	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.3	.0	.3	.0	-.3	-.3	-.4	-.4	-.1	.3
2	-.3	-.2	-.2	-.1	.2	.4	.3	.2	-.1	-.3	-.4	-.3	-.3	-.3	-.1	-.3	-.3	-.3	-.2	-.1	-.2	-.1	-.2	-.3	-.1	.4
3	-.3	-.4	-.3	-.4	-.3	-.1	.0	.0	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.5	-.3	.0
4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.3	-.4	-.3
5	-.2	-.1	-.1	-.3	-.3	-.1	-.2	-.2	-.5	-.4	-.2	-.4	-.4	-.2	-.4	-.3	-.4	-.3	-.2	.0	.5	-.2	-.1	-.1	-.2	.5
6	-.2	-.2	-.2	-.2	-.2	-.3	-.1	-.2	-.4	-.5	-.4	-.5	-.5	-.5	-.3	-.3	-.3	-.3	-.3	.5	1.0	.4	-.1	.0	-.2	1.0
7	.0	.2	.2	.2	.3	.2	.1	.6	.4	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.2	-.1	.4	1.3	.5	.4	.5	.1	1.3
8	.3	.6	.6	.5	.0	.2	-.3	.0	-.4	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.1	.1	.1	-.1	.6
9	-.1	.0	.1	.3	.1	.3	.0	.2	-.2	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.1	.1	.8	.6	.3	.1	.0	.8
10	.0	.1	.6	.8	.6	.5	.7	1.0	.3	-.2	-.2	.0	-.4	-.2	-.2	-.2	-.2	.0	.2	1.0	.6	.6	.4	.9	.3	1.0
11	.6	.4	.0	.0	.1	.0	.0	.3	.4	-.3	[PF]	-.3	-.1	-.2	-.2	-.1	-.2	-.1	1.0	1.2	.8	.3	.8	.6	.2	1.2
12	.4	.2	.8	.8	1.6	.6	.2	.9	.0	-.3	-.2	-.3	-.3	-.4	-.4	-.2	-.1	.0	.6	.9	.6	.7	1.0	.6	.3	1.6
13	.4	.5	.3	.4	.8	1.0	.7	.8	.4	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.1	.2	.4	.3	.3	.8	1.0	.3	1.0
14	.8	.4	.3	.4	.2	.4	.4	.2	.3	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.1	-.1	.6	1.1	.4	.6	.4	1.1	.2	1.1
15	1.2	1.6	.9	1.6	1.6	.8	1.2	1.4	.7	.2	-.2	-.1	-.2	-.2	-.2	-.2	-.1	.1	.3	.7	1.4	1.8	1.1	.4	.7	1.8
16	1.2	1.6	.7	.8	.9	.6	.5	.4	.5	.2	.0	-.1	-.2	-.2	-.1	-.1	.0	.1	.0	.4	.5	.4	.5	.5	.4	1.6
17	1.0	.4	.7	.4	-.1	.1	.3	.0	-.2	.1	.5	.0	-.1	-.3	-.2	-.2	-.2	.0	.2	.4	.3	.7	.6	.6	.2	1.0
18	.4	.8	.2	.3	.3	.4	.2	.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.1	.5	2.0	.5	.4	.5	.5	.2	2.0
19	-.1	.3	.2	.1	.0	.1	.4	.2	.0	-.3	-.4	-.3	-.3	-.3	-.2	-.2	-.1	.1	.1	.5	.7	.3	.5	.4	.1	.7
20	.3	.4	.5	.3	.3	-.1	.5	.5	.0	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.1	.0	.5	1.5	.8	.9	.7	.3	.2	1.5
21	.3	.2	.2	.5	.6	.5	.6	.4	-.1	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	.1	.5	1.7	.7	.6	.5	.4	.2	1.7
22	.5	.9	.6	.5	.8	1.1	1.0	.9	.4	-.1	-.2	-.3	-.3	-.2	-.2	-.2	-.1	.0	.9	1.7	1.0	1.4	2.9	1.6	.6	2.9
23	.9	.6	.5	.2	.8	.4	.0	.0	-.5	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.2	.0	.0	.1	.9	1.4	1.0	.6	.2	1.4
24	.0	.1	.8	.8	.6	.4	.7	.6	-.1	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	.3	.7	1.5	1.4	.6	.5	.3	1.5
25	.3	.3	.4	.6	.4	.2	.4	.6	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	.2	1.5	.5	.5	.2	.5	.2	1.5
26	.5	.2	.3	.3	.5	.3	.2	.0	-.2	-.3	-.2	-.2	-.4	-.3	-.2	-.1	-.2	-.1	-.1	.0	.2	.3	.4	.5	.1	.5
27	.6	.8	.4	1.0	.8	1.1	.5	.6	1.1	-.3	-.2	-.3	-.3	-.2	-.3	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	.1	.2	1.1
28	.6	.3	.5	.5	.4	.5	.1	-.2	.1	-.3	-.4	-.4	-.3	-.2	-.3	-.3	-.1	-.1	.6	1.1	.9	.5	.2	.8	.2	1.1
AV	.3	.3	.3	.3	.4	.3	.3	.3	.0	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.1	.2	.6	.5	.5	.4	.4	.1	2.9
SD	.5	.5	.4	.5	.5	.4	.4	.4	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	.4	.7	.5	.6	.7	.5	.5	[ ]

UHOUT -- 00000 <811111.1807>

DELTA T [CC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.4	.4	1.1	1.2	.4	.9	1.2	1.1	.2	-.2	.0	-.3	-.1	.2	-.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	.2	1.2
2	-.1	.0	.1	.1	.6	.8	.6	.8	.6	-.2	-.2	-.4	-.4	-.5	-.4	-.2	.0	-.1	-.2	-.2	-.2	-.3	-.2	-.1	.0	.8
3	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.0
4	.1	.2	.5	.5	.5	.2	.1	.3	.1	.0	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.2	.1	.0	.0	.5
5	.1	.2	.0	.0	.0	.2	-.1	-.2	-.2	-.3	-.2	-.3	-.4	-.3	-.4	-.3	-.2	-.2	.0	-.1	-.1	-.1	.1	-.2	-.1	.2
6	-.1	.0	.0	-.2	-.2	.3	.3	.1	-.2	-.2	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.2	.0	.3	.4	.5	1.0	.7	.0	1.0
7	.7	.8	.2	.1	.2	.1	.1	.0	-.2	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	.0	.6	.7	.6	.7	.5	.6	.2	.8
8	.7	.5	.1	.4	.2	.2	.1	.1	.0	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.1	-.1	.5	.5	.4	.4	.5	.5	.1	.7
9	.2	.8	.5	.4	.7	1.0	1.1	.5	.3	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	.0	.2	.4	.4	.2	.7	.2	.2	1.1
10	.3	.1	.6	1.7	2.6	2.1	1.5	1.6	.9	.3	-.1	-.3	-.2	-.1	-.1	-.1	.0	.0	.1	.0	.0	.2	1.1	.7	.5	2.6
11	.4	.2	.4	1.2	1.4	1.6	2.1	1.0	.3	.0	-.2	-.3	-.3	-.3	-.4	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.2	2.1
12	-.1	-.1	.0	-.2	-.1	-.2	-.2	-.2	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.3	-.1	.1	.4	1.2	.4	.3	-.1	1.2
13	.2	.1	.7	.7	.3	.2	.0	.3	-.2	-.3	-.3	-.3	-.4	-.3	-.2	-.3	-.1	-.1	.1	.9	.4	.7	.4	.5	.1	.9
14	.6	.2	.3	.2	.3	.5	.6	.1	-.1	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.0	.1	.0	.6
15	.2	.4	-.1	-.1	-.1	-.1	-.1	.1	.0	-.3	-.2	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.1	-.2	.0	.0	-.1	.4
16	.0	.1	.3	.2	.0	-.2	-.1	-.1	-.3	-.3	-.5	-.5	-.5	-.4	-.5	-.5	-.4	-.3	-.3	-.1	-.2	-.3	-.2	-.1	-.2	.3
17	-.2	.3	-.1	-.1	-.1	.3	.3	.4	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.2	-.2	-.2	.0	.4	.1	.0	.2	.2	-.1	.4
18	.2	.8	.5	.9	1.6	1.9	1.0	.5	-.2	-.1	-.5	-.5	-.4	-.4	-.4	-.3	-.2	-.2	-.4	-.3	-.2	-.2	-.2	-.2	.1	1.9
19	-.2	-.1	.1	.1	.1	.0	.1	.0	.1	-.2	-.3	-.3	-.4	-.4	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.1	.0	-.1	.1
20	.1	-.1	.0	.0	.1	.0	.0	.0	-.3	-.3	-.5	-.4	-.4	-.5	-.4	-.4	-.3	-.3	-.5	-.1	-.1	.0	.3	1.0	-.1	1.0
21	1.6	1.0	.3	.1	.2	.1	.1	-.2	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.2	-.2	-.2	-.4	.1	.2	.5	.1	.0	1.6
22	-.1	-.1	-.1	.1	.0	.0	.1	-.2	-.2	-.3	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.2	.0	.5	.6	.1	.5	1.5	.0	1.5
23	.5	.2	.2	.2	.1	.1	.0	-.2	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.1	.0	.7	1.0	.5	.4	.5	.0	1.0
24	.4	.2	.4	.3	.5	.7	.2	-.1	-.2	-.2	-.3	-.4	-.3	-.4	-.3	-.3	-.2	-.1	.2	.2	.1	-.3	-.1	-.1	.0	.7
25	-.1	-.1	-.1	.0	.0	.8	.8	.1	-.3	-.3	-.2	-.4	-.2	-.3	-.3	-.2	-.1	-.1	.0	.4	1.0	.4	.4	.5	.1	1.0
26	.3	.5	.6	.4	.6	.8	.6	.4	.2	-.1	-.2	-.2	-.3	-.2	-.3	-.3	-.2	-.2	-.1	.0	-.1	-.1	.0	.0	.1	.8
27	-.1	.1	.1	.0	.0	.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	.1
28	.2	.0	.4	.4	.2	.1	.2	.0	-.2	-.2	-.3	-.4	-.3	-.4	-.3	-.2	-.3	-.1	.0	.0	.0	.1	.3	.0	.0	.4
29	.0	.0	-.1	-.1	.0	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.3	-.5	-.4	-.2	.0	-.1	-.1	.0	-.1	.1	.2	.4	-.1	.4
30	.4	.3	.8	.5	.3	.5	-.1	-.3	-.3	-.3	-.4	-.5	-.8	-.4	-.3	-.4	-.4	-.2	-.1	.2	.3	.6	.4	.3	.0	.8
31	.1	.1	.4	.7	1.1	.9	.2	.0	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.1	.0	.0	.0	.0	.0	.0	.0	1.1
AV	.2	.2	.3	.3	.4	.4	.3	.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	.0	.1	.1	.1	.2	.2	.0	2.6
SD	.4	.3	.3	.5	.6	.6	.5	.4	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.4	.3	.4	.4	[ ]

GHOUT -- 00000 <811111.1807>

DELTA T [CC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

```
*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	.0	.0	.1	.0	.1	.3	.5	-.1	-.2	-.3	-.4	-.4	-.3	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	.5
2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.4	-.5	-.6	-.7	-.6	-.5	-.4	-.8	-.2	-.1	.0	.3	.5	.4	.2	-.2	.5
3	.5	1.0	1.0	1.5	2.0	.3	.6	.5	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.1	.1	.3	.3	.1	.1	.0	.2	2.0
4	.1	.1	.1	.7	1.0	1.1	1.4	1.2	-.1	-.4	-.7	-1.3	-.9	-.7	-.9	-.9	-.6	-.4	-.5	-.2	-.2	-.2	-.2	-.1	-.1	1.4
5	.1	.2	.7	.1	.0	.0	.2	-.3	-.3	-.2	-.4	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.1	.0	.2	.1	-.1	.7
6	.2	.7	1.0	.4	.7	.7	.6	.0	-.2	-.3	-.4	-.3	-.4	-.5	-.4	-.3	-.2	-.1	.0	.2	.8	.7	1.1	1.7	.2	1.7
7	.7	.6	-.2	.1	-.2	-.2	-.3	-.2	-.2	-.2	-.4	-.4	-.6	-.5	-.4	-.3	-.3	-.2	-.2	-.1	.2	.2	.6	.5	-.1	.7
8	.1	.1	.0	.1	.1	.1	.2	-.3	-.2	-.3	-.5	-.4	-.5	-.4	-.5	-.3	-.3	-.3	-.2	-.2	-.1	-.1	-.1	.0	-.2	.2
9	.0	.1	1.1	.4	.4	.5	.0	-.1	-.2	-.3	-.4	-.4	-.5	-.5	-.5	-.3	-.2	-.3	-.1	.0	.1	.4	.4	1.0	.0	1.1
10	.3	.1	.1	.4	.2	.1	.4	-.2	-.3	-.4	-.4	-.3	-.4	-.3	-.3	-.2	-.2	-.1	.1	.1	.1	.0	.1	.1	.0	.4
11	.6	.8	.9	1.5	.6	.3	1.3	.7	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.1	.2	.6	.1	.0	.0	.3	1.5
12	.1	.1	.0	.0	.0	.1	.1	.0	-.2	-.2	-.3	-.2	-.3	-.3	-.4	-.4	-.3	-.1	.0	.1	.7	.7	.7	.7	.0	.7
13	.7	.3	.6	.6	.7	.6	.2	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	.0	.0	.4	.5	.1	.5	.6	.2	.7
14	.4	.4	.8	.4	1.2	1.5	2.1	1.1	-.1	-.3	-.3	-.3	-.7	-.5	-.3	-.4	-.2	.0	.1	.2	1.3	.8	.7	.7	.4	2.1
15	.7	1.3	1.0	1.4	1.9	2.1	2.0	.3	-.3	-.3	-.3	-.4	-.4	-.4	.3	-.4	-.3	-.2	-.1	.0	.2	.0	.2	.0	.3	2.1
16	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.2	-.1	-.2	-.1	-.1	.2	1.0	1.3	.3	.3	.0	1.3
17	.5	.6	1.0	.7	.5	.4	.3	.0	-.2	-.4	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.1	.1	1.1	.4	.9	.8	.5	.2	1.1
18	.4	.8	.6	.6	.8	1.2	.4	-.1	-.1	-.2	-.3	-.5	-.5	-.8	-.6	-.5	-.4	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	1.2
19	-.1	.0	.0	.3	1.2	1.3	.4	-.3	-.2	-.3	-.3	-.4	-.3	-.5	-.5	-.4	-.4	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	1.3
20	-.2	-.2	-.1	.1	.0	.0	-.1	-.4	-.5	-.6	-.6	-.1	-.6	-.5	-.5	-.4	-.3	-.2	-.2	.0	.2	.3	.3	.2	-.2	.3
21	.2	.3	1.1	.7	.5	1.7	.4	-.3	-.4	-.4	-.5	-.5	-.4	-.3	-.3	-.4	-.2	-.1	.0	.1	.5	.9	1.9	2.2	.3	2.2
22	1.9	.7	.4	1.2	.7	.7	.5	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.1	-.1	.0	.4	2.1	.7	.2	.2	.3	2.1
23	1.6	1.2	4.1	1.5	.6	.8	.4	.4	-.1	-.2	-.2	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.1	.0	.3	4.1
24	.2	.3	.3	.3	.5	.5	.6	.0	-.3	-.2	-.2	-.3	-.2	-.3	-.1	-.2	-.2	-.3	-.5	.0	.0	.1	.3	1.0	.1	1.0
25	.6	.6	.7	.6	.5	.6	.2	-.1	-.1	-.1	-.2	-.2	-.3	-.2	-.4	-.2	-.1	-.1	.0	.0	.2	.8	1.1	.9	.2	1.1
26	.6	.9	.4	.6	.3	.5	.3	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.1	-.2	-.2	.0	-.1	.0	.0	.3	.2	.1	.9
27	.3	.2	.0	.0	.3	.1	-.1	-.3	-.3	-.4	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.1	.0	.2	1.0	1.6	1.7	.3	.1	1.7
28	.4	.5	.7	.4	.4	.3	.2	-.2	-.1	-.2	-.3	-.2	-.3	-.2	-.4	-.1	-.2	.0	.1	.2	.2	.3	.4	.2	.1	.7
29	.2	.0	.1	.2	-.1	-.1	-.2	-.2	-.3	-.2	-.4	-.5	-.5	-.4	-.3	-.3	-.2	-.1	.0	.3	.4	.3	.4	.7	-.1	.7
30	1.0	.5	.3	.1	1.0	1.1	.3	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.1	.0	.1	.4	1.0	1.7	1.1	1.1	.3	1.7
AV	.4	.4	.5	.5	.5	.5	.4	.0	-.2	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.1	-.1	.1	.4	.4	.4	.4	.1	4.1
SD	.5	.4	.8	.5	.6	.6	.6	.4	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	.2	.3	.5	.5	.5	.6	.5	[ ]

QHOUT -- 00000 (811111.1807)

DELTA T [CC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.6	.4	.7	.4	.4	.7	.4	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.1	.0	-.1	.1	.2	.2	.0	.0	.3	.1	.7
2	.4	.3	.7	.3	.3	.3	.1	-.2	-.2	-.2	-.2	-.2	.1	-.1	-.2	-.1	-.1	-.1	.0	.3	.2	.5	.8	.2	.1	.8
3	.3	.0	.0	.2	.4	-.1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-.1	.1	.0	.3	.3	.0	.4	.5	.8	.2	.8
4	.8	.5	.2	.3	.3	.2	.1	-.1	-.1	-.3	-.2	-.2	-.3	-.3	-.2	-.1	-.2	-.1	.0	.1	.2	.2	.3	.2	.1	.8
5	.4	1.0	.4	.1	.1	-.1	-.1	-.3	-.3	-.2	-.3	-.5	-.5	-.5	-.4	-.5	-.3	-.2	-.1	.5	.9	.7	.5	1.0	.1	1.0
6	.7	.7	.5	.2	.3	.1	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	.0	.0	.2	.0	.0	.0	.0	.0	.7
7	.6	.5	.2	.5	.1	.2	-.1	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.1	.1	.1	.2	.3	.4	.0	.6
8	.3	.4	.6	.7	.9	.5	.1	-.2	-.1	-.1	-.2	-.2	-.2	-.4	-.4	-.3	-.2	-.1	.0	.2	.1	.1	.5	.0	.1	.9
9	.1	.0	.0	.1	-.1	.2	.0	-.2	-.3	-.3	-.3	-.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-.1	-.2	-.2	-.1	.2
10	.0	-.1	-.2	.0	.4	.7	.0	.0	-.1	-.2	-.3	-.4	-.5	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.5	-.2	-.2	-.2	-.1	.7
11	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.2	-.3	-.2	-.1	-.1	-.1	.1	.1	.2	-.2	.2
12	.3	.3	.2	.6	.6	.5	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.1	.0	.4	.0	.6
13	.3	.4	.2	.1	.0	.1	.2	-.1	-.3	-.4	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.2	-.2	-.1	-.1	.4	.5	.9	.0	.9
14	.4	.1	.3	.1	.0	.3	.1	-.2	-.3	-.2	-.2	-.1	-.3	-.2	-.2	-.1	-.1	-.2	.0	.1	.1	.4	.6	.3	.0	.6
15	.3	.4	.4	.4	.4	.4	.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.3	-.2	.0	.0	-.1	-.4	.3	.2	.4	.2	.1	.4
16	.1	.0	.2	.5	.8	.7	.0	-.1	-.1	-.3	-.1	-.1	-.2	.0	.0	-.2	-.1	.0	.0	.2	.4	.1	.0	.6	.1	.8
17	1.1	.4	.5	.7	.4	.8	.0	-.1	-.1	.0	.1	-.2	-.2	-.3	-.2	-.2	-.1	.0	.1	.6	.9	.7	.7	1.0	.3	1.1
18	1.1	.2	.5	1.2	.6	.6	.4	.2	-.1	-.2	-.3	-.3	-.3	-.4	-.2	-.2	-.1	.0	.1	.0	.0	.2	.3	.5	.2	1.2
19	.3	.1	.1	.5	.8	.1	-.2	-.1	-.1	-.2	-.2	-.2	-.3	-.4	-.3	-.3	-.4	-.3	-.2	.1	.3	.3	.1	.1	.0	.8
20	.6	.5	.7	.2	.3	.3	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.1	-.1	.0	.1	.1	.7	.3	.2	.0	.7
21	.3	.3	.7	.4	.7	.3	-.1	-.3	-.3	-.3	-.3	-.2	-.2	.0	-.2	-.2	-.2	-.1	.0	.3	.3	.7	.4	.2	.1	.7
22	.6	.7	1.0	1.0	.8	.9	.2	-.1	-.2	.0	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	.0	.1	.4	.7	.2	.2	.2	1.0
23	.4	.3	.1	.5	.4	.2	.2	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.1	-.2	-.2	-.1	.1	.2	.5	1.0	1.6	1.2	.2	1.6
24	1.7	1.3	.4	1.1	.7	.7	.2	-.1	-.2	-.1	-.1	-.2	-.2	-.3	-.4	-.3	-.4	-.2	-.1	.0	.0	.0	.0	.6	.2	1.7
25	1.0	1.2	1.5	1.2	.4	1.0	.1	-.2	-.3	-.3	-.1	-.2	.0	-.3	-.3	-.1	-.1	-.1	.0	.2	.4	.1	.2	.6	.2	1.5
26	.0	.4	.5	.6	.6	.5	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.4	-.1	-.1	-.2	-.1	.1	.4	.5	.4	.3	.4	.1	.6
27	.2	.3	.6	.4	.8	.7	.4	.6	-.2	-.3	-.4	-.3	-.2	-.1	-.2	-.1	-.2	-.2	.0	.0	.1	.0	.0	.0	.1	.8
28	.0	.0	-.1	-.1	-.2	-.3	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.6	-.4	-.3	-.2	.0	.1	.4	.8	.1	-.2	.8
29	.2	.1	1.0	.5	.9	.4	-.2	-.4	-.2	-.2	-.4	-.1	-.4	-.2	-.3	.0	-.2	-.2	-.1	-.1	.0	.2	.7	.1	.0	1.0
30	.0	-.1	-.1	-.1	-.1	-.2	-.3	-.3	-.4	-.3	-.4	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.2	.0	.2	.2	.1	.4	-.1	.4
31	.3	.3	.2	.2	.1	.1	-.1	-.3	-.3	-.3	-.3	-.3	-.1	-.3	-.3	-.2	-.2	-.1	.0	.3	.4	1.1	.4	.3	.0	1.1
AV	.4	.3	.4	.4	.4	.3	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.1	.0	.1	.2	.3	.3	.4	.1	1.7
SD	.4	.4	.4	.4	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.4	.3	.4	[ ]

QNOUT -- GU000 <811111.1807>

DELTA T [DC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.4	.7	.7	.6	1.4	1.5	.4	-.1	-.1	-.1	-.3	-.2	-.4	-.3	-.5	-.5	-.4	-.3	-.2	-.1	.0	.0	.0	.3	.1	1.5
2	.5	.3	.9	.6	1.1	.4	.0	-.1	-.1	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.2	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	1.1
3	.6	.5	.8	.3	.4	.1	-.1	-.2	-.2	-.2	-.2	-.2	-.4	-.4	-.4	-.4	-.2	-.1	.0	.1	.2	.8	.7	.5	.1	.8
4	.8	.6	.6	.8	1.1	1.9	.7	-.2	-.3	-.4	-.5	-.5	-.5	-.6	-.6	-.4	-.2	-.2	-.2	.1	.1	.2	1.2	1.8	.2	1.9
5	.9	.0	.0	.4	.3	.8	.4	-.2	-.1	-.3	-.6	-.6	-.6	-.5	-.7	-.4	-.4	-.3	-.3	-.2	-.2	-.1	.2	.6	-.1	.9
6	1.0	1.8	2.5	2.2	.0	-.1	-.1	-.3	-.3	-.2	-.2	-.3	-.4	-.5	-.3	-.3	-.2	-.2	-.1	.1	.9	1.2	.4	.3	.3	2.5
7	.2	.4	1.1	2.1	2.5	2.2	.8	-.2	-.2	-.3	-.2	-.3	-.5	-.4	-.4	-.4	-.4	-.3	-.1	.1	.2	.1	.3	.1	.3	2.5
8	.4	.7	1.3	.8	.6	1.8	.3	-.3	-.4	-.4	-.5	-.7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.3	1.8
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	.6	.6	1.0	1.0	.9	1.1	.3	-.2	-.2	-.3	-.4	-.4	-.5	-.4	-.5	-.4	-.3	-.2	-.1	.0	.2	.3	.4	.5	.1	2.5
SD	.3	.5	.7	.7	.8	.9	.3	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.3	.5	.4	.6	.7	[ ]

QHOUT -- 00000 <811111.1607>

DELTA T [DC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

****
* FINAL DATA *
* AS OF 30/MAR/83 *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	-.4	-.5	-.5	-.4	-.3	-.2	-.1	.0	.0	.2	.3	.3	.2	-.1	.3
16	.4	1.3	1.5	1.9	2.4	2.8	3.5	.1	-.1	-.1	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.1	.0	.1	.4	1.5	.9	1.3	.6	3.5
17	.8	1.2	.9	.6	.0	-.1	-.2	-.3	-.3	-.3	-.3	-.4	-.5	-.4	-.4	-.3	-.2	-.1	-.1	.1	.4	1.7	.8	.8	.1	1.7
18	.5	.6	.4	.9	1.5	1.0	.4	.2	-.1	-.2	-.3	-.2	-.3	-.1	-.3	-.2	-.1	-.1	.0	.2	.7	2.1	3.0	1.1	.4	3.0
19	.3	1.3	.8	.6	1.3	1.3	.4	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.3	-.4	-.3	-.2	.0	.2	1.0	1.1	.6	.3	.3	1.3
20	.4	[PF]	.7	.3	.5	.3	.1	-.1	-.2	-.3	-.1	-.2	-.3	-.1	-.1	.0	-.1	.0	.1	.4	.7	.5	1.0	1.4	.2	1.4
21	.4	.6	.6	1.0	1.1	1.1	.4	.0	.1	-.1	-.1	-.1	-.3	-.1	.0	-.1	.0	.0	.0	.1	.0	.0	.2	.9	.2	1.1
22	.8	.4	.6	.8	.6	1.6	.4	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.1	-.1	.0	.2	.6	.6	.7	.4	.3	1.6
23	.8	.6	.7	.4	.7	.5	.3	.0	.1	-.1	-.1	-.1	-.2	-.2	-.1	-.3	-.2	-.1	-.1	.0	.1	.3	.5	.5	.2	.8
24	.3	.3	.4	.4	.3	.4	.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.1	-.1	-.1	-.1	.0	.0	.2	.4	.0	.4
25	.4	.4	.3	1.1	.6	.5	.1	-.1	-.2	-.2	-.1	-.2	-.3	-.3	-.2	-.1	.0	.2	.2	.1	.0	-.1	-.1	.0	.1	1.1
26	.1	.0	.0	.1	.2	.3	.0	-.1	-.1	-.1	-.3	-.2	-.3	-.1	-.1	-.1	-.2	-.1	.0	.0	.0	.1	.2	.2	.0	.3
27	.1	.0	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.2	-.2	-.1	-.1	.0	.1	.2	.4	.0	.1	.3	.0	.4
28	.3	.3	.3	.2	.2	.1	.2	.1	-.1	-.1	-.2	.0	-.1	-.2	-.2	-.1	-.1	-.1	.0	.0	.3	.1	.0	.2	.0	.3
29	.1	.1	.0	.0	.1	.2	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	.0	.1	.0	.0	.0	.3	.0	.3
30	.2	.5	.8	1.0	1.0	.4	.0	-.1	-.2	-.1	-.1	-.1	-.3	-.2	-.4	-.1	-.2	-.1	.1	.1	1.0	1.2	1.3	.4	.3	1.3
31	.4	.5	.5	.3	.6	.5	.2	.0	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.1	-.2	-.1	.1	.6	1.1	.7	.9	.8	.2	1.1
AV	.4	.5	.5	.6	.7	.7	.4	-.1	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.1	.0	.1	.4	.6	.6	.6	.2	3.5
SD	.2	.4	.4	.5	.7	.7	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.4	.7	.7	.4	.5	[ ]

QHOUT -- 00000 <611111.1807>

DELTA T [CC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.6	.3	.9	1.0	.7	.7	.3	-.3	.0	-.2	-.1	-.1	-.1	-.2	-.2	.0	-.1	.0	.1	.1	.0	.0	.0	.0	.1	1.0
2	.0	.0	.0	.1	.0	-.1	-.1	-.2	-.2	-.1	-.2	-.3	-.3	-.1	-.1	.0	.4	.2	.1	.0	.2	.1	.1	.2	.0	.4
3	.5	.3	.5	.2	.5	.2	.0	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	.2	.4	1.0	.7	.6	.6	.2	1.0
4	.7	.9	1.2	1.0	.7	.4	.2	.0	-.1	.0	.0	-.1	-.1	.0	-.1	.0	.0	.1	.2	.5	.8	.7	.9	.8	.4	1.2
5	1.0	.8	.4	.8	.7	.7	.4	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.2	.0	.0	.2	.5	.5	.8	.4	.7	.3	1.0
6	.5	.7	.4	.9	.5	.5	.2	.0	.0	-.2	-.1	-.3	-.2	-.3	-.2	-.2	-.1	.0	.1	.5	2.2	1.6	.8	.7	.3	2.2
7	1.3	1.6	1.7	1.1	1.0	1.6	.5	-.1	.0	.0	-.1	-.2	-.2	.0	.0	.0	.0	.1	.2	.3	.5	.0	.0	.0	.4	1.7
8	.1	.1	.3	.1	.7	.6	.2	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.0	.1	.0	.0	.7
9	.0	.2	.4	.6	.4	.3	.0	-.2	-.1	-.1	-.1	-.2	-.3	-.2	-.1	-.1	-.2	.0	.0	.2	.4	.4	.3	.2	.1	.6
10	.2	.2	.3	.5	.8	.9	.2	.1	-.1	-.1	-.1	-.1	-.1	-.2	.0	.0	-.1	.0	.2	.5	.1	.1	.1	.1	.1	.9
11	.1	.1	.1	.0	-.1	.0	.0	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.1	.0	.0	.1	.1	.2	.4	.3	.4	.0	.4
12	.3	.6	.0	.5	.6	1.1	.6	-.1	-.1	-.1	-.1	-.2	-.3	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	.1	.3	.1	.1	1.1
13	.1	.3	.4	.3	.1	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.1	.3	.1	.3	.0	.4
14	.2	.3	.6	.4	.2	.2	.1	-.1	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	.0	.0	.2	.6	.5	.7	.5	.5	.2	.7
15	.6	.4	.4	.4	.4	.2	.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	.0	.0	.4	.5	.1	.5	.2	.1	.1	.2	.6
16	.3	.3	.2	.4	.4	.2	.1	-.1	-.1	.0	-.1	-.2	-.1	.0	.0	.3	.0	.0	.2	.4	1.0	1.0	.8	.6	.2	1.0
17	.4	.5	.6	.6	.5	.5	.4	.0	-.1	.0	-.1	-.2	-.1	.7	.2	.0	.0	.1	.2	.3	.1	.2	.6	.4	.2	.7
18	.3	.4	.5	.1	.1	.2	.3	-.1	-.1	.0	-.2	-.1	-.2	-.3	.0	-.1	.0	.0	.0	.2	.4	.4	.3	.6	.1	.6
19	.6	.5	.8	.5	.5	.6	.1	-.1	.0	.0	-.1	-.1	.0	-.2	-.1	-.1	.0	.1	.2	1.7	1.9	.7	.8	.4	.4	1.9
20	.6	.5	.6	.9	1.2	.9	.5	.2	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	.0	.1	.1	.1	.0	.0	.1	.1	.2	1.2
21	.1	.2	.2	.5	.2	.4	.3	-.1	-.1	-.1	-.2	-.3	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	.1	.2	.5	.2	.1	.5
22	.1	.2	.3	.6	.8	1.0	.6	.2	.0	-.1	-.1	-.1	-.2	-.4	-.3	-.3	-.3	-.2	-.1	.1	.0	.1	.1	.2	.1	1.0
23	.1	.4	.7	.8	1.0	1.3	.4	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	.0	.1	.1	.0	.1	.2	.6	.2	1.3
24	.4	.1	.7	.9	1.0	1.0	.8	.0	-.2	-.3	-.3	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	.1	.1	.0	.3	.5	.2	1.0
25	.6	.7	.6	.6	.3	.5	.8	.0	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.2	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.1	.8
26	.4	.9	.7	1.3	1.4	1.4	.7	.0	-.1	-.2	-.1	-.2	-.1	-.2	-.2	.0	.3	.2	.0	.1	.3	.4	.3	.4	.3	1.4
27	.3	.3	.3	.3	.7	.8	.2	-.2	-.1	-.2	-.1	-.2	.0	-.1	-.1	-.2	-.1	.0	.1	.3	.2	.3	.4	.4	.1	.8
28	.5	.5	.5	.6	.7	.4	.6	.0	-.1	-.1	-.1	-.2	.1	.4	.1	.0	.0	.0	.0	-.2	.1	.3	.1	.2	.2	.7
29	.1	.1	.0	.1	.3	.4	.4	-.1	-.1	-.2	-.1	-.1	-.2	-.1	.0	.0	.0	.0	.3	.4	.3	.2	.1	.3	.1	.4
30	.4	.3	.4	.4	.5	.7	.4	.0	.0	-.1	-.1	-.2	-.3	-.1	.1	-.2	-.1	.0	.3	.8	.5	.6	.8	.6	.2	.8
31	.7	.4	.8	1.1	1.1	1.0	.5	.0	-.1	-.1	-.1	-.2	-.3	-.1	-.2	-.2	-.2	-.1	.1	.8	.9	.4	.6	.5	.3	1.1
AV	.4	.4	.5	.6	.6	.6	.3	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	.0	.0	.1	.3	.4	.4	.3	.3	.2	2.2
SD	.3	.3	.4	.3	.4	.4	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.4	.5	.4	.3	.2	.4	[ ]

QHOUT -- 00000 <811111.1807>

DELTA T [CC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 15/APR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.8	.6	1.2	.5	.6	.5	.4	.0	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.1	.1	.3	.8	1.1	.9	.8	1.0	.3	1.2
2	.8	1.2	1.0	.5	.5	.8	.6	-.1	-.1	-.2	-.2	-.3	-.2	-.1	-.2	-.1	-.1	.0	.4	2.3	1.1	.8	.8	1.0	.4	2.3
3	.7	1.0	.7	.4	1.0	.8	.3	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	.0	.4	1.2	1.0	.7	.7	1.2	.4	1.2
4	-.1	.6	1.1	1.8	1.5	2.4	1.3	.8	.4	-.2	-.2	-.4	-.3	-.2	-.2	-.1	-.1	.1	.0	.0	.0	.1	.3	.1	.4	2.4
5	-.1	.0	.0	-.1	-.1	-.1	.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	.0	.1	-.1	-.2	.0	.4	.4	.1	.2	.1	.0	.4
6	-.1	-.2	.0	.4	.3	.1	.2	.1	.5	.7	.5	.2	.4	.3	.2	-.2	-.1	-.1	-.3	-.2	-.1	-.1	-.1	-.2	.1	.7
7	.0	.2	.1	-.1	.1	.1	.1	.0	-.5	-.5	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.1	.1	.2	.6	.8	.2	.6	.0	.8
8	.6	.4	.3	.2	.3	.3	.7	.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.1	-.1	.0	.1	.3	.1	.1	.2	.4	.1	.7
9	.8	1.1	1.2	1.2	1.0	.7	.3	-.1	-.1	.0	-.2	-.3	-.3	-.3	-.3	-.1	-.1	.0	.2	.3	.1	.1	.1	.6	.2	1.2
10	.5	.7	1.2	1.1	1.2	.8	.3	-.2	-.3	-.3	-.2	-.2	.0	-.2	-.2	-.3	-.3	-.2	.0	.0	-.1	-.1	.0	-.1	.1	1.2
11	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.2	-.3	-.2	-.1	-.1	.0	.1	.6	.2	-.1	.6
12	.0	-.1	-.1	.0	.1	.0	-.1	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.2	-.2	-.1	.0	.0	-.1	-.2	-.1	.0	-.1	.1
13	.0	.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.4	-.5	-.5	-.4	-.3	-.2	-.2	-.2	-.1	-.2	-.2	.1	-.4	-.2	.1
14	-.2	.1	.3	[IN]	.0	.4	.3	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.2	-.2	-.2	.0	-.1	-.1	.4
15	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.1	-.1	.0	.2	.4	.5	.4	.4	.4	-.1	.5
16	.2	.4	.8	.7	1.0	.4	.8	.3	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.1	.4	.8	.8	.5	.3	.4	.3	1.0
17	.5	.3	.3	.3	.3	.4	.4	.5	.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.1	.0	.3	.5	.3	.7	.7	.3	.2	.7
18	.5	.4	.4	.2	.3	.6	.4	-.1	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.1	.1	.3	.1	.6
19	.2	.6	.9	.3	.3	.4	.1	-.1	-.3	-.2	-.2	-.2	-.3	-.2	-.1	-.1	-.1	.0	.2	1.2	.5	-.2	-.1	[IN]	.1	1.2
20	.1	.4	.4	.4	.5	.1	.0	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.1	-.1	-.1	.3	.7	.4	.5	.2	.4	.1	.7
21	.8	.6	.5	.2	.5	.3	.5	-.1	-.2	-.3	-.2	-.1	-.2	-.1	-.2	-.2	-.1	.2	.3	.3	.3	.3	.9	.9	.2	.9
22	1.0	.5	1.1	1.3	.8	1.1	.7	.0	-.2	-.1	-.1	-.2	-.3	-.2	-.2	-.2	-.1	.1	.3	.6	.2	.4	.9	.8	.3	1.3
23	.5	.5	.9	1.3	1.0	1.1	.8	.0	-.1	-.1	-.1	-.2	-.3	-.2	-.3	-.1	-.1	.1	1.1	.8	1.0	.9	.5	1.3	.4	1.3
24	.7	.8	.4	.6	.5	1.0	.9	.0	.8	.8	.5	.6	.5	1.0	.8	.0	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	.4	1.0
25	.0	.4	1.1	.5	.9	.5	.5	.8	.9	.5	.4	.3	.4	.2	.3	.5	.3	-.1	-.2	-.2	-.1	-.1	.0	-.1	.3	1.1
26	-.1	.0	.0	.2	.2	.3	.2	.2	.3	.1	.0	.0	.0	.1	.4	.1	-.1	.1	.0	-.2	-.4	-.5	-.3	-.2	.0	.4
27	-.1	.0	.1	.1	.6	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-.1	.6
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
AV	.3	.4	.5	.5	.5	.5	.3	.0	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	.0	.1	.4	.3	.2	.3	.4	.1	2.4
SD	.4	.4	.5	.5	.4	.5	.4	.3	.3	.3	.2	.2	.2	.3	.3	.2	.1	.1	.3	.6	.4	.4	.4	.5	.4	[ ]

QHOUT -- 00000 <811111.1807>

DELTA T [CC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

QHOUT -- 00000 <811111.1807>

DELTA T [DC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

QHOUT -- 00000 <811111.1807>

DELTA T [DC:19]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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**********************
*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	-.4	-.6	-.4	-.3	.1	.8	1.6	1.7	1.1	.8	.2	.4	1.7
18	.5	.6	.8	.8	1.8	1.9	1.7	2.2	2.4	.8	-.4	-.6	-.5	-.5	-.5	-.4	-.2	.7	.9	.4	-.1	.0	.2	.3	.5	2.4
19	.4	.7	.9	.4	.3	.6	.8	.4	.6	-.3	-.6	-.6	-.5	-.6	-.6	-.5	-.3	.0	.7	1.2	1.1	1.0	.7	1.2	.3	1.2
20	1.0	.7	.4	.5	.7	.3	.4	.6	.3	-.2	-.6	-.6	-.6	-.5	-.6	-.5	-.4	.2	1.0	.9	.9	.6	.3	.0	.2	1.0
21	-.1	-.2	.2	.7	1.2	1.1	1.0	.6	.6	.3	-.4	-.4	-.6	-.5	-.5	-.4	-.3	.0	.1	-.3	-.3	-.2	.0	.7	.1	1.2
22	.9	.9	.7	.6	.4	.6	.1	.1	-.1	-.3	-.1	-.2	.0	-.3	-.5	-.4	-.4	-.3	.0	.5	.8	.9	1.3	1.5	.3	1.5
23	1.3	.6	.4	-.1	.1	.2	-.1	-.3	-.4	.0	-.1	-.2	-.5	-.4	-.6	-.5	-.4	-.3	-.2	-.4	-.5	-.5	-.5	-.5	-.2	1.3
24	-.5	-.4	-.4	-.6	-.4	-.4	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.2	-.5	-.2
25	-.1	.3	.0	.0	.0	.6	.4	1.0	1.1	.1	-.5	-.4	-.5	-.4	-.4	-.5	-.4	.3	1.4	.2	-.2	-.1	-.3	.0	.1	1.4
26	-.2	-.3	-.2	-.5	-.5	-.2	-.2	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.4	.1	.3	.2	-.3	-.5	-.1	-.3	-.3	.3
27	-.2	.0	.0	-.2	-.2	-.1	.1	.5	.5	-.6	-.4	-.6	-.4	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.3	.0	-.3	.5
28	.8	.2	.0	-.2	-.2	.1	.2	.4	.4	.0	-.3	-.5	-.4	-.4	-.3	-.5	-.4	-.3	.8	.2	-.1	-.1	.0	.0	.0	.8
29	-.1	-.2	.0	-.1	.1	.0	-.1	.4	.8	.2	-.4	-.2	-.4	-.5	-.5	-.5	-.4	.1	.7	1.0	.5	.8	.5	.7	.1	1.0
30	.3	-.1	.2	-.2	.0	.0	.1	.1	.2	-.4	-.5	-.5	-.2	-.4	-.5	-.5	-.5	.3	1.1	.2	.0	-.1	.2	.5	.0	1.1
31	.3	-.2	.1	.3	.4	.5	.1	.3	.1	-.5	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.4	.4	.6	.7	.6	.7	.4	.0	.7
AV	.3	.2	.2	.1	.3	.4	.3	.4	.4	-.1	-.4	-.5	-.4	-.5	-.5	-.5	-.4	.0	.5	.3	.2	.2	.2	.3	.0	2.4
SD	.5	.4	.4	.4	.6	.6	.6	.7	.7	.4	.2	.2	.2	.1	.1	.1	.1	.4	.6	.6	.7	.6	.5	.6	.6	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	7	7	8	9	8	6	7	10	17	19	31	20	6	9	13	21	13	7	5	9	13	9	6	11	31
2	9	5	5	7	8	8	10	4	5	10	12	12	11	8	6	6	5	3	6	4	4	3	5	6	7	12
3	5	6	6	4	6	6	4	4	7	7	10	12	11	12	18	8	9	7	10	10	11	12	22	17	9	22
4	6	13	8	8	11	9	9	8	7	7	11	10	11	10	10	5	10	13	14	18	11	11	13	15	10	18
5	12	6	7	8	7	7	4	7	8	7	9	16	6	16	14	14	7	6	4	6	13	12	4	9	9	16
6	17	13	13	21	15	9	7	9	12	8	9	9	6	6	7	7	8	7	8	11	11	11	10	8	10	21
7	3	3	5	3	4	13	7	8	11	10	11	15	13	14	16	11	5	9	9	4	4	7	8	10	8	16
8	7	6	8	7	9	10	13	11	8	12	17	21	18	12	16	20	12	7	7	10	6	6	6	5	11	21
9	4	9	12	10	10	10	9	6	8	12	12	13	13	10	9	5	4	5	7	7	5	6	4	3	8	13
10	7	6	10	9	11	12	10	7	9	7	10	11	11	15	12	9	6	5	9	11	6	3	5	8	9	15
11	4	12	7	8	9	9	7	6	7	9	12	12	10	11	10	9	6	8	9	9	8	13	10	6	9	13
12	5	10	11	13	14	14	21	10	12	11	12	15	14	15	17	12	11	7	11	13	5	3	9	15	12	21
13	7	9	9	7	8	9	9	9	5	7	9	11	13	14	18	12	10	8	8	9	5	9	8	8	9	18
14	6	5	5	7	10	8	6	5	10	12	12	13	11	12	14	10	7	8	6	9	11	8	7	9	9	14
15	7	7	6	5	11	5	4	6	10	11	9	13	11	11	10	10	11	8	13	14	5	5	7	5	9	14
16	3	6	5	6	9	13	11	8	8	11	10	12	13	11	13	11	7	6	8	8	12	11	13	8	9	13
17	11	11	9	12	15	14	14	14	11	5	13	8	4	9	11	13	8	5	7	7	8	10	13	13	10	15
18	14	12	13	16	15	18	15	7	8	10	11	18	21	11	6	14	12	8	6	6	10	9	4	4	11	21
19	4	12	12	12	11	6	8	8	10	15	16	14	11	7	9	11	10	9	6	5	8	6	9	13	10	16
20	8	5	5	4	6	9	6	10	10	14	13	14	14	13	10	11	13	10	8	6	6	5	5	5	9	14
21	16	13	11	11	11	10	11	.9	9	10	9	6	6	7	13	10	8	8	8	11	10	6	6	11	10	16
22	9	9	9	7	5	4	6	8	10	12	15	11	14	7	8	8	6	7	8	7	8	7	5	4	8	15
23	5	9	8	7	9	14	15	12	10	8	9	10	13	15	11	9	9	18	15	17	13	10	12	11	11	18
24	8	10	12	14	13	11	8	5	11	12	11	12	10	10	11	13	11	11	11	11	8	8	7	6	10	14
25	10	8	6	12	13	9	6	9	11	11	10	11	16	18	16	14	5	7	10	7	10	6	12	8	10	18
26	3	4	12	7	7	9	10	9	11	11	12	16	21	16	11	12	9	9	12	18	12	10	5	11	11	21
27	9	11	15	10	8	6	7	7	7	9	12	12	18	18	19	18	12	5	6	6	6	3	4	4	10	19
28	2	5	11	6	4	4	12	11	10	11	15	14	15	16	12	2	2	1	1	1	2	2	2	2	7	16
29	1	1	1	1	1	1	0	1	1	2	3	2	3	5	4	6	3	2	5	5	5	1	1	2	2	6
30	2	2	2	5	5	3	4	2	4	5	6	5	5	5	5	4	3	1	1	3	1	1	1	6	3	6
31	1	1	2	1	3	3	2	1	3	3	5	6	4	4	2	3	4	4	3	3	5	2	2	2	3	6
AV	7	8	8	8	9	9	8	7	8	10	11	12	12	11	11	10	8	7	8	8	8	7	7	8	9	31
SD	4	4	4	4	4	4	4	3	3	3	3	5	5	4	4	4	4	4	3	4	3	4	4	4	4	[ ]

GHOUT -- UU000 <811111.1807>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2	1	3	3	2	1	1	1	3	2	6	7	6	9	22	14	12	6	4	6	8	12	8	8	6	22
2	10	6	10	7	9	10	8	8	5	22	21	14	20	17	16	13	11	6	8	9	11	7	7	7	11	22
3	6	8	9	10	15	12	14	15	10	11	14	16	17	16	12	6	6	6	5	6	7	7	5	4	10	17
4	5	7	9	8	8	8	7	7	8	9	8	9	9	10	8	6	8	6	5	5	7	9	9	7	8	10
5	10	8	7	6	6	4	4	5	6	12	18	20	20	18	18	19	16	11	3	4	9	8	6	4	10	20
6	4	5	5	5	5	8	5	5	9	11	13	14	13	15	17	15	9	6	12	12	4	4	5	5	9	17
7	5	5	4	5	4	4	5	9	12	10	12	14	14	16	13	12	17	9	3	6	6	5	5	4	8	17
8	3	5	10	4	5	6	10	11	12	11	12	13	15	16	16	17	9	6	5	5	7	9	8	6	9	17
9	6	4	4	3	4	4	4	4	9	12	15	16	18	14	11	9	7	6	5	5	7	9	6	9	8	18
10	10	11	11	9	7	9	11	11	11	14	16	17	18	16	12	11	11	5	6	4	4	3	4	3	10	18
11	3	3	4	5	7	7	10	9	10	11	[PF]	12	13	13	14	14	13	7	5	10	6	5	4	3	8	14
12	3	5	9	5	5	5	5	8	7	9	12	14	14	11	11	9	10	5	10	6	4	3	4	4	7	14
13	5	4	4	5	6	5	4	6	8	15	17	17	13	9	6	9	14	7	10	11	10	5	13	13	9	17
14	6	7	9	5	10	10	8	10	9	7	11	12	15	13	14	10	6	3	11	8	8	6	7	5	9	15
15	7	9	6	7	8	8	11	6	6	10	11	13	14	12	9	7	6	9	7	14	7	4	3	7	8	14
16	3	3	8	9	9	12	9	11	13	14	14	11	10	7	6	7	13	10	10	9	5	6	11	5	9	14
17	6	11	11	9	7	7	7	7	7	8	10	9	7	6	12	15	10	5	3	4	7	10	7	5	8	15
18	7	4	6	5	7	6	3	6	9	13	17	13	11	10	14	18	13	6	6	6	5	6	3	4	8	18
19	7	5	5	3	6	7	5	5	5	9	11	13	17	15	23	16	13	7	10	10	10	7	7	4	9	23
20	4	6	6	4	5	4	3	4	6	13	18	18	13	12	12	18	14	7	7	12	9	5	3	3	9	18
21	3	4	11	8	4	5	4	4	9	11	13	15	15	20	18	13	12	7	8	9	4	5	5	4	9	20
22	6	5	4	5	11	8	10	11	14	15	16	12	12	10	12	14	16	14	10	6	3	4	5	8	10	16
23	9	9	8	8	13	9	6	7	9	8	14	11	7	8	9	9	9	8	9	8	9	9	5	6	9	14
24	9	16	6	11	9	8	6	8	9	12	13	17	15	14	15	12	8	7	4	6	9	8	6	3	10	17
25	3	3	4	5	4	3	3	3	5	13	14	18	17	16	17	16	12	8	4	6	5	5	4	2	8	18
26	2	4	7	7	3	4	4	8	9	10	12	14	15	18	16	14	9	6	6	6	4	4	5	4	8	18
27	4	4	5	4	4	4	7	9	10	7	18	16	12	11	10	11	9	9	6	7	9	7	7	5	8	18
28	6	3	2	3	3	3	5	3	4	10	14	13	14	16	11	12	17	17	7	4	5	4	14	8	8	17
AV	6	6	7	6	7	6	6	7	8	11	14	14	14	13	13	12	11	7	7	7	7	6	6	5	9	23
SD	2	3	3	2	3	3	3	3	3	4	3	3	4	4	4	4	3	3	3	3	2	2	3	2	4	[ ]

QHOUT -- QU000 <611111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982 /

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	2	2	3	5	9	10	8	9	12	10	6	11	20	16	10	10	8	8	9	9	10	13	14	9	20
2	11	12	8	7	6	7	8	8	4	6	13	10	11	10	12	12	10	9	7	7	8	7	9	6	9	13
3	5	10	5	9	9	6	11	7	7	11	10	10	9	11	12	12	13	5	7	9	10	10	8	8	9	13
4	4	8	6	7	5	5	7	8	6	9	14	14	15	12	15	7	6	5	5	3	5	9	10	7	8	15
5	5	4	6	5	4	8	6	9	12	12	14	14	14	16	15	8	8	12	9	6	8	7	3	5	9	16
6	6	5	5	6	6	5	4	5	7	13	14	13	14	15	16	14	15	12	4	9	9	4	10	15	9	16
7	12	5	7	6	5	6	9	11	10	13	15	15	19	21	17	12	11	8	6	8	6	5	6	6	10	21
8	3	3	4	4	5	6	10	7	7	14	12	13	12	13	11	10	9	12	10	7	8	5	4	3	8	14
9	5	5	4	3	4	4	4	11	14	15	16	18	13	11	9	12	10	9	8	6	10	12	12	11	9	18
10	21	10	9	7	5	3	8	10	13	11	18	15	13	10	19	12	8	8	10	14	9	9	10	6	11	21
11	6	8	7	8	8	11	13	10	11	13	19	9	9	9	9	9	9	9	8	9	9	8	9	8	10	19
12	9	8	7	7	7	6	11	10	8	8	9	7	7	8	8	8	7	7	6	9	6	9	8	9	8	11
13	5	12	5	3	4	4	11	9	12	15	14	17	18	17	16	13	9	10	4	5	5	4	4	3	9	18
14	2	3	4	5	8	8	5	6	11	15	14	14	12	13	11	9	9	10	13	14	9	8	12	13	10	15
15	13	11	12	7	8	10	7	8	9	10	12	11	10	9	10	10	10	9	8	9	8	9	13	13	10	13
16	11	9	11	7	9	9	9	12	10	10	9	9	9	10	10	10	10	10	9	9	10	10	8	15	10	15
17	16	12	7	7	7	7	7	8	12	12	10	18	14	15	11	16	12	11	8	4	11	8	7	7	10	18
18	5	4	3	6	6	9	6	8	11	12	13	10	10	10	10	12	12	11	8	6	10	9	8	11	9	13
19	9	7	5	6	6	4	4	8	17	19	15	10	9	10	10	7	8	6	6	6	6	8	9	9	9	19
20	8	10	4	5	5	4	5	13	10	9	9	9	12	11	10	11	13	8	6	8	13	5	5	13	9	13
21	10	3	4	5	3	4	3	5	12	13	14	15	17	17	16	12	10	9	7	6	6	8	12	6	9	17
22	5	7	7	5	4	4	3	5	10	13	15	17	18	17	14	13	16	12	5	4	10	8	10	10	10	18
23	12	5	8	7	5	6	6	7	14	19	14	13	10	10	15	14	15	12	7	6	6	6	5	4	9	19
24	6	5	4	5	4	7	6	7	8	14	13	15	17	15	13	14	11	9	6	7	7	7	6	5	9	17
25	5	8	7	9	12	7	5	8	11	13	14	15	16	16	14	15	14	8	4	6	5	5	5	6	10	16
26	11	10	7	9	9	7	12	9	11	17	16	9	8	7	8	13	9	8	10	9	5	5	6	8	9	17
27	10	10	5	6	4	5	8	9	13	13	14	15	16	16	14	13	13	9	7	6	7	8	13	13	10	16
28	11	12	8	7	7	6	7	5	6	9	11	9	9	11	11	10	9	9	9	9	8	13	11	10	9	13
29	8	8	9	9	10	11	12	10	8	10	10	8	11	6	7	8	11	9	7	7	6	9	7	3	9	12
30	2	5	6	6	10	11	8	8	8	10	9	10	9	9	8	6	7	7	6	6	6	5	7	6	7	11
31	5	4	5	6	6	7	11	13	14	15	14	18	19	19	19	15	12	10	9	8	8	8	8	10	11	19
AV	8	7	6	6	6	7	8	8	10	12	13	12	13	13	12	11	11	9	7	7	8	8	8	8	9	21
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QHOUT -- QUOOO <811111.1807>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	9	8	10	10	10	10	7	7	7	8	9	9	7	8	11	9	8	8	8	6	5	7	11	7	8	11
3	4	3	3	3	4	6	7	9	12	14	13	18	19	17	12	12	8	8	7	5	5	7	7	6	9	19
4	6	6	7	8	9	10	11	12	12	12	10	9	11	10	8	6	6	6	6	6	6	6	6	6	8	12
5	5	7	9	6	6	5	6	12	13	16	19	17	18	18	17	17	10	8	6	5	6	7	6	6	10	19
6	8	6	8	5	5	4	9	9	11	12	14	9	9	13	11	11	11	10	10	7	9	8	9	9	9	14
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14	8	8	8	13	11	10	6	11	13	11	11	11	15	11	10	9	8	9	7	8	8	5	4	5	9	15
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AV	8	8	7	8	7	7	7	10	11	12	13	13	13	13	12	12	11	10	8	7	7	7	8	8	9	28
SD	4	4	3	5	3	2	3	4	3	3	3	3	4	4	4	3	3	3	2	2	2	2	3	3	4	[ ]

UHOUT -- UU000 <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	11	6	3	3	4	4	8	15	17	20	16	18	13	13	9	15	12	10	6	4	5	4	8	8	10	20
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5	8	9	10	8	8	9	8	17	12	15	24	12	11	10	10	11	10	10	9	7	11	7	5	5	10	24
6	5	4	3	2	5	4	5	10	11	14	16	17	17	16	19	18	19	14	13	14	7	6	7	13	11	19
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8	9	7	7	7	9	9	7	7	10	10	11	9	17	12	10	10	10	10	10	8	6	11	11	12	10	17
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22	3	3	2	4	3	3	6	10	12	17	17	20	21	20	15	18	13	7	6	6	7	6	5	6	10	21
23	6	5	8	7	6	12	11	10	9	10	9	12	14	15	15	15	13	12	7	9	9	10	10	9	10	15
24	4	6	6	4	3	4	7	10	12	14	15	16	15	14	9	9	9	10	8	7	7	10	9	15	9	16
25	8	7	5	4	3	4	6	12	16	18	19	20	16	17	19	15	14	12	12	7	5	5	5	9	11	20
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AV	7	7	7	6	6	7	8	11	13	14	15	14	14	13	12	13	12	11	9	7	7	8	8	8	10	27
SD	3	3	3	3	3	3	3	3	3	4	4	4	3	3	4	3	3	3	2	2	2	4	3	3	4	[ ]

UHOUT -- 00000 <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	6	9	13	9	5	4	14	15	13	12	9	12	12	7	7	8	8	7	7	6	6	7	10	9	15
2	10	4	4	5	4	5	5	6	8	9	10	10	13	14	10	14	9	7	10	12	10	6	8	8	8	14
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12	4	4	6	9	11	11	10	12	12	12	13	11	11	12	13	13	13	11	9	8	11	12	8	7	10	13
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23	6	6	3	6	4	5	8	11	13	16	14	16	15	12	9	11	7	7	14	7	7	7	7	4	9	16
24	5	6	5	4	3	8	12	13	16	18	20	21	19	19	20	16	17	11	6	5	6	10	8	4	11	21
25	5	7	7	4	4	4	7	8	13	16	16	14	13	9	12	8	13	8	7	9	8	7	7	3	9	16
26	4	8	8	4	3	3	8	11	12	15	17	18	17	17	16	15	14	13	12	7	10	9	6	5	11	18
27	2	2	4	3	3	4	10	13	16	18	19	19	16	13	13	14	13	13	14	13	11	5	11	4	11	19
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30	5	5	5	7	6	6	8	7	7	7	6	8	12	11	11	10	17	9	6	8	7	8	7	7	8	17
AV	7	6	6	7	7	7	9	11	12	14	14	13	14	13	13	13	12	10	10	8	7	8	7	7	10	21
SD	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	4	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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AV	7	6	6	7	6	6	6	9	11	13	14	13	13	13	13	12	12	10	9	8	7	8	7	7	9	20
SD	3	2	3	3	3	3	3	4	3	3	4	3	3	3	3	3	3	3	3	2	2	3	2	3	4	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

```
*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7	4	4	9	5	3	3	7	14	17	17	18	16	16	19	13	14	12	13	8	8	9	8	7	10	19
2	10	10	10	6	5	6	8	9	11	12	12	15	17	17	16	20	17	13	7	14	9	6	6	8	11	20
3	7	6	5	5	5	6	8	6	6	11	14	16	13	15	9	9	8	12	10	7	5	3	7	6	8	16
4	6	8	10	6	4	4	6	11	19	19	21	19	16	17	17	16	13	11	10	7	5	7	4	4	11	21
5	5	6	7	5	3	2	3	6	12	13	15	13	14	14	18	14	13	11	10	5	7	10	9	10	9	18
6	8	4	5	5	5	4	3	7	15	18	16	17	18	20	18	14	13	13	9	5	11	7	5	6	10	20
7	6	12	7	9	9	11	5	12	16	14	19	17	15	14	15	9	12	11	12	9	7	10	7	13	11	19
8	11	11	11	9	5	4	6	9	10	15	13	14	12	12	8	7	6	7	7	9	8	11	9	10	9	15
9	12	10	4	12	8	4	5	12	12	15	19	19	17	16	14	10	7	9	8	7	6	6	7	6	10	19
10	5	4	5	3	6	5	6	8	11	12	15	18	19	23	19	19	15	11	9	6	9	8	8	9	11	23
11	12	12	10	11	11	8	5	7	15	13	11	13	13	13	13	9	10	7	15	14	11	9	8	6	11	15
12	12	12	19	16	5	8	7	8	15	17	21	19	10	16	18	11	12	11	9	9	10	12	15	15	13	21
13	11	15	9	15	9	10	10	7	6	7	13	12	11	7	12	11	11	12	11	8	4	10	6	5	10	15
14	5	7	6	4	9	9	10	15	15	20	20	18	19	19	19	16	11	6	8	4	10	9	7	8	11	20
15	6	5	4	4	5	5	6	13	18	23	21	17	7	12	15	14	21	20	14	12	11	11	13	15	12	23
16	17	11	6	6	4	4	7	8	12	15	17	17	18	11	11	10	11	10	13	9	10	9	6	7	10	18
17	5	5	4	4	4	4	6	11	17	18	18	17	16	15	11	7	10	12	6	9	9	12	9	9	10	18
18	9	9	12	9	9	8	11	14	16	20	24	18	17	18	18	20	14	13	13	7	13	8	6	6	13	24
19	6	6	4	6	6	4	6	10	21	21	18	19	15	16	18	16	16	16	9	5	3	5	6	5	11	21
20	6	6	8	6	7	4	6	6	14	16	15	17	15	15	19	14	15	17	14	9	11	7	9	16	11	19
21	7	13	6	4	4	9	10	9	14	18	18	17	17	20	21	15	10	8	12	12	12	10	8	6	12	21
22	7	6	14	12	4	3	3	6	12	12	21	20	20	16	14	10	9	9	8	12	11	7	7	7	10	21
23	5	5	4	5	10	7	4	7	16	19	18	17	18	18	13	15	13	11	11	10	9	12	12	9	11	19
24	6	7	8	6	6	9	12	13	9	8	8	16	19	20	20	16	13	11	9	7	6	11	10	12	11	20
25	6	5	6	12	9	8	6	13	14	13	11	11	11	12	12	12	10	10	10	9	16	16	13	13	11	16
26	12	8	13	12	11	4	3	4	8	12	14	16	18	19	15	11	9	8	9	8	8	7	10	11	10	19
27	7	6	10	8	4	3	4	11	18	15	18	18	19	22	14	17	17	15	10	7	5	5	12	11	12	22
28	9	7	4	5	3	7	12	15	22	20	17	17	14	10	13	9	10	13	11	11	13	16	16	8	12	22
29	9	8	10	12	12	16	12	7	19	21	17	17	18	17	16	14	12	10	7	8	13	11	8	9	13	21
30	13	7	7	6	5	4	4	7	16	18	20	20	13	23	18	12	10	12	7	4	5	10	14	13	11	23
31	6	6	4	4	12	13	7	12	14	16	17	16	12	15	16	12	9	9	8	9	16	8	6	5	11	17
AV	8	8	8	8	7	6	7	9	14	16	17	17	15	16	15	13	12	11	10	8	9	9	9	9	11	24
SD	3	3	4	4	3	3	3	3	4	4	4	2	3	4	3	4	3	3	2	3	3	3	3	3	5	[1

QHOUT -- QUOOO <811111.1807>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	6	5	5	4	5	4	18	15	16	14	18	19	24	25	15	15	10	7	11	10	10	5	11	25
2	6	8	4	5	6	7	6	9	12	13	13	10	14	18	15	10	8	8	5	12	11	10	4	3	9	18
3	5	4	3	4	5	3	3	9	19	21	22	17	19	15	19	15	12	16	12	11	5	8	15	17	12	22
4	9	5	4	11	11	7	9	10	7	11	11	11	12	17	16	11	12	11	15	10	7	10	10	10	10	17
5	10	7	7	9	10	10	11	9	11	11	15	17	21	17	11	13	10	9	8	8	7	5	5	6	10	21
6	7	5	3	5	6	4	4	5	18	20	23	29	22	18	15	16	14	8	7	11	12	7	4	6	11	29
7	4	8	7	8	7	13	8	4	1	1	5	13	15	20	21	22	20	11	3	3	6	8	8	6	9	22
8	3	3	3	3	2	2	4	9	11	13	18	19	19	17	16	11	11	10	8	5	9	12	13	11	10	19
9	6	2	2	4	3	2	3	5	16	19	14	16	16	16	15	14	15	15	7	6	8	9	10	10	10	19
10	8	9	7	4	4	4	7	10	11	8	8	13	11	12	15	12	9	8	11	6	8	6	8	10	9	15
11	9	5	4	6	4	2	2	0	2	3	9	7	9	9	7	8	8	7	7	3	3	2	1	3	5	9
12	3	4	4	4	5	5	5	6	12	11	14	19	16	12	9	9	10	11	7	7	9	8	8	4	8	19
13	4	6	1	5	8	4	5	4	5	3	12	11	8	4	4	9	8	8	3	7	8	10	7	6	6	12
14	6	8	1	0	1	2	1	5	5	7	12	12	14	13	10	9	7	2	5	6	9	9	6	8	7	14
15	9	8	6	4	4	5	5	5	4	12	23	18	18	15	12	18	16	8	7	5	3	3	3	5	9	23
16	6	3	2	2	1	1	1	2	5	9	12	11	12	14	12	14	12	8	7	9	4	4	6	4	7	14
17	4	4	4	7	5	5	5	7	3	13	15	17	18	18	19	15	19	18	8	5	6	11	3	5	10	19
18	5	5	5	7	8	7	4	7	16	18	22	23	15	22	23	22	16	12	9	8	8	8	7	9	12	23
19	11	6	5	5	6	5	5	7	8	10	9	10	14	16	13	11	11	10	8	11	9	8	11	9	9	16
20	11	5	7	4	3	7	7	8	11	12	17	14	17	18	16	14	15	8	2	5	5	5	3	4	9	18
21	4	5	4	4	2	3	5	6	6	12	12	18	19	21	18	17	17	8	7	6	7	12	7	3	9	21
22	4	4	3	3	4	5	5	6	6	11	9	14	17	14	18	15	12	9	7	5	7	10	11	10	9	18
23	11	6	4	2	2	2	2	7	7	9	11	15	19	18	17	17	17	12	9	11	6	5	5	5	9	19
24	4	5	6	5	5	3	3	7	3	11	11	12	11	10	17	19	9	1	7	12	4	7	9	8	8	19
25	4	3	4	6	8	9	7	6	4	5	7	7	9	9	9	8	5	1	8	4	4	3	3	8	6	9
26	5	6	10	10	9	10	3	7	4	8	13	13	12	13	13	12	12	12	11	9	6	7	6	5	9	13
27	5	8	9	11	11	7	5	4	6	12	9	10	10	13	13	13	12	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	9	13
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
AV	6	5	5	5	5	5	5	6	9	11	13	14	15	15	15	14	12	9	8	7	7	8	7	7	9	29
SD	3	2	2	3	3	3	2	2	5	5	5	5	4	4	5	4	4	4	3	3	2	3	3	3	5	[ ]

QHOUT -- 00000 <811111.1607>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

QHOUT -- OU000 <811111.1807>

SIGMA THETA [CC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	7	7	8	10	9	5	9	6	2	4	11	8	7	11
11	9	7	3	4	4	4	7	11	18	14	8	9	6	6	5	5	9	6	6	8	7	9	5	6	7	18
12	6	5	4	4	8	6	5	4	7	10	17	13	14	14	14	10	6	3	3	3	12	8	5	9	8	17
13	7	4	3	4	3	7	13	9	7	5	13	13	9	7	5	5	7	5	5	10	10	13	11	7	8	13
14	7	5	3	5	3	3	3	3	4	10	13	14	15	17	15	11	13	11	7	3	3	3	3	3	7	17
15	3	3	2	3	3	6	6	3	4	9	9	10	8	9	7	9	6	7	6	9	4	3	2	2	6	10
16	3	2	3	3	3	3	2	2	2	13	14	17	19	18	15	9	5	2	5	3	3	2	1	4	6	19
17	3	4	3	2	12	13	7	3	2	11	15	15	13	13	12	8	5	4	11	4	2	4	5	5	7	15
18	6	2	4	8	5	7	8	9	9	9	8	8	10	8	7	8	6	6	3	2	4	5	6	7	6	10
19	6	7	7	7	6	6	6	8	7	9	8	14	8	7	7	8	5	5	10	5	4	4	7	5	7	14
20	4	4	5	3	2	2	3	3	3	7	8	11	10	8	8	5	7	5	3	3	5	5	5	3	5	11
21	1	2	2	3	3	4	7	6	4	8	8	8	8	8	8	6	9	3	3	2	2	2	2	5	5	9
22	1	2	1	7	11	7	7	11	7	8	10	11	14	15	15	15	14	12	6	8	12	11	8	8	9	15
23	9	7	10	8	9	8	6	6	4	12	11	6	7	7	6	5	5	3	4	6	7	3	3	3	6	12
24	2	1	2	3	3	7	4	8	14	14	14	12	11	10	10	12	13	8	8	11	15	15	4	3	9	15
25	3	2	2	4	6	4	4	6	10	14	8	10	11	12	12	12	11	7	9	13	6	6	7	6	8	14
26	10	15	7	9	8	3	3	5	10	7	11	14	15	18	18	15	7	7	9	4	3	3	4	3	9	18
27	5	5	3	3	2	3	5	2	3	8	11	12	14	14	12	9	2	8	13	3	8	3	1	2	6	14
28	2	2	3	5	7	11	5	4	10	8	10	12	14	12	11	10	5	4	4	5	4	4	6	7	7	14
29	6	10	8	8	3	5	3	4	4	8	10	10	8	5	13	11	5	7	9	10	13	10	8	10	8	13
30	11	7	7	6	5	8	4	6	7	8	10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	7	11
AV	5	5	4	5	5	6	5	6	7	10	11	12	11	11	10	9	7	6	7	6	6	6	5	5	7	19
SD	3	3	2	2	3	3	2	3	4	3	3	3	4	4	4	3	3	3	3	3	4	4	3	2	4	[ ]

QHOUT -- QUOOO <811111.1807>

SIGMA THETA [DC:20]

DEGREES
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	17	10	12	14	3	3	3	3	2	1	2	3	6	17
4	2	2	1	2	6	3	1	1	5	7	7	11	6	2	2	8	5	6	9	11	3	8	2	2	5	11
5	2	4	7	4	3	5	4	6	10	7	8	11	9	9	9	8	7	7	8	4	1	2	1	6	6	11
6	6	2	4	10	8	8	3	7	6	4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	6	10
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	9	9	9	8	7	3	3	3	5	1	2	2	2	2	5	9
12	2	2	2	5	6	7	8	9	12	7	8	6	11	13	12	11	6	10	7	7	6	3	4	2	7	13
13	3	2	3	4	6	5	2	3	7	7	8	8	8	4	2	1	1	4	7	6	7	7	8	7	5	8
14	7	8	7	6	8	5	3	3	3	7	8	8	9	9	9	7	8	7	5	2	1	2	1	2	6	9
15	6	6	9	8	5	6	7	8	7	8	10	12	12	10	6	3	3	3	3	2	2	2	5	7	6	12
16	5	7	7	4	5	7	3	2	4	7	8	8	8	8	8	4	3	3	1	6	10	9	2	2	5	10
17	4	4	4	6	8	5	8	11	7	8	8	8	10	10	10	10	9	11	10	9	9	7	7	5	8	11
18	9	10	8	9	10	7	9	10	7	6	4	9	13	13	13	12	4	1	1	2	2	1	2	2	7	13
19	1	1	2	2	2	4	1	4	6	9	10	10	13	12	6	3	4	5	5	2	1	3	1	1	5	13
20	2	2	1	5	4	5	6	6	3	6	9	10	12	12	10	7	3	2	1	6	6	8	10	9	6	12
21	9	12	8	6	9	5	5	10	7	12	12	9	13	13	14	14	12	10	10	5	8	8	7	7	9	14
22	9	9	8	9	9	9	5	8	10	9	10	12	10	12	7	6	5	6	5	1	2	7	6	20	8	20
23	17	18	17	14	13	13	13	6	5	4	4	5	10	10	5	10	4	4	8	6	8	5	8	10	9	18
24	6	5	5	3	8	6	6	12	10	8	9	10	8	8	6	6	6	11	7	7	7	5	4	5	7	12
25	4	5	8	8	8	9	8	6	6	8	6	8	9	12	12	12	6	4	6	2	3	2	2	2	7	12
26	2	3	3	4	5	4	2	4	4	6	8	9	10	10	9	7	6	1	3	2	1	2	2	1	5	10
27	2	1	1	2	3	4	10	5	5	6	8	6	9	9	8	8	10	5	2	4	4	4	5	7	5	10
28	4	2	2	1	2	2	1	2	1	4	8	9	9	9	8	8	5	3	4	2	1	2	2	2	4	9
29	2	2	2	4	2	2	3	7	9	9	10	11	11	11	11	5	4	4	4	2	2	1	1	1	5	11
30	1	2	3	3	9	8	4	2	4	8	5	6	6	8	8	8	6	3	5	3	3	5	8	2	5	9
31	1	4	5	3	3	5	1	6	4	8	10	10	11	9	9	5	2	2	6	2	1	1	0	1	5	11
AV	5	5	5	5	6	6	5	6	6	7	8	9	10	10	8	8	5	5	5	4	4	4	4	5	6	20
SD	4	4	4	3	3	2	3	3	3	2	2	2	2	3	3	4	3	3	3	3	3	3	3	4	3	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*                 *
*    FINAL DATA   *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.08	.11	.10	.08	.07	.13	.09	.14	.06	.07	.06	.06	.07	.05	.14
2	.07	.11	.17	.23	.16	.11	.12	.05	.04	.02	.03	.05	.09	.12	.15	.03	.02	.04	.03	.02	.01	.12	.27	.34	.10	.34
3	.32	.37	.32	.27	.25	.20	.26	.17	.14	.08	.03	.16	.08	.07	.05	.03	.02	.02	.02	.03	.08	.11	.24	.30	.15	.37
4	.33	.48	.38	.35	.28	.18	.22	.24	.23	.14	.22	.27	.28	.24	.13	.05	.05	.14	.17	.12	.18	.12	.11	.16	.21	.48
5	.15	.04	.05	.03	.04	.03	.03	.02	.02	.03	.05	.08	.10	.08	.07	.04	.02	.02	.01	.01	.01	.01	.03	.05	.04	.15
6	.06	.07	.40	.30	.26	.30	.29	.46	.40	.51	.32	.33	.30	.26	.24	.30	.28	.20	.20	.10	.07	.04	.03	.05	.24	.51
7	.06	.09	.10	.08	.10	.17	.11	.10	.11	.04	.06	.07	.10	.10	.09	.10	.04	.04	.02	.02	.03	.04	.05	.08	.07	.17
8	.04	.06	.05	.05	.06	.03	.04	.03	.03	.03	.07	.10	.15	.14	.15	.10	.06	.03	.02	.02	.02	.02	.03	.03	.06	.15
9	.03	.02	.02	.03	.03	.03	.02	.02	.02	.03	.06	.10	.11	.12	.12	.07	.04	.03	.02	.02	.02	.03	.03	.03	.04	.12
10	.05	.04	.03	.03	.02	.02	.02	.02	.02	.03	.05	.09	.09	.10	.09	.07	.02	.02	.02	.02	.02	.02	.03	.03	.04	.10
11	.02	.04	.03	.02	.02	.02	.02	.02	.01	.03	.02	.04	.08	.04	.04	.06	.04	.02	.03	.03	.04	.06	.03	.04	.03	.08
12	.05	.09	.10	.15	.13	.10	.05	.02	.02	.02	.05	.09	.08	.08	.07	.05	.02	.02	.02	.03	.03	.04	.05	.04	.06	.15
13	.03	.04	.03	.02	.02	.02	.05	.04	.06	.11	.10	.06	.05	.06	.05	.03	.02	.03	.03	.04	.03	.04	.03	.02	.04	.11
14	.03	.03	.03	.04	.05	.03	.03	.04	.04	.03	.09	.11	.06	.07	.08	.07	.04	.03	.02	.06	.14	.06	.03	.05	.05	.14
15	.04	.03	.03	.08	.05	.06	.07	.09	.10	.11	.07	.09	.03	.02	.02	.02	.03	.02	.06	.04	.04	.07	.07	.04	.05	.11
16	.03	.03	.03	.03	.04	.06	.04	.03	.04	.03	.04	.04	.03	.02	.02	.03	.03	.03	.04	.05	.06	.02	.02	.03	.03	.06
17	.08	.10	.09	.07	.04	.04	.05	.03	.03	.02	.03	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.03	.10
18	.02	.02	.02	.01	.01	.01	.01	.01	.02	.01	.01	.02	.06	.04	.02	.04	.10	.07	.03	.03	.02	.01	.01	.01	.03	.10
19	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.07	.09	.14	.19	.32	.52	.46	.35	.13	.06	.12	.09	.04	.03	.12	.52
20	.04	.03	.02	.04	.03	.03	.03	.08	.06	.06	.10	.10	.25	.38	.41	.34	.31	.22	.10	.03	.04	.03	.04	.03	.12	.41
21	.13	.31	.47	.65	.75	.70	.78	.72	.66	.76	.47	.19	.10	.17	.16	.11	.11	.26	.31	.10	.04	.05	.03	.09	.34	.78
22	.13	.08	.04	.05	.12	.08	.06	.10	.06	.07	.08	.15	.21	.27	.27	.33	.31	.30	.25	.13	.04	.09	.08	.05	.14	.33
23	.06	.15	.09	.05	.05	.05	.03	.02	.02	.02	.05	.07	.10	.13	.09	.09	.04	.05	.05	.04	.03	.03	.06	.04	.06	.15
24	.02	.02	.02	.02	.02	.03	.02	.04	.03	.04	.08	.14	.20	.22	.11	.08	.04	.04	.05	.04	.04	.03	.03	.04	.06	.22
25	.06	.08	.08	.09	.10	.09	.14	.13	.12	.08	.06	.09	.16	.23	.15	.07	.03	.02	.02	.02	.02	.02	.02	.02	.08	.23
26	.02	.03	.04	.02	.02	.02	.02	.02	.02	.04	.08	.13	.19	.16	.12	.05	.05	.02	.03	.03	.02	.02	.03	.03	.05	.19
27	.13	.20	.21	.41	.53	.66	.71	.70	.60	.41	.26	.19	.03	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.22	.71
28	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.10	.15	.25	.38	.32	.32	.15	.04	.03	.02	.02	.02	.03	.04	.09	.38
29	.02	.03	.02	.02	.02	.03	.02	.02	.02	.03	.16	.31	.41	.48	.39	.34	.27	.14	.22	.33	.15	.11	.11	.11	.16	.48
30	.10	.11	.16	.28	.20	.10	.15	.14	.12	.18	.25	.29	.40	.31	.33	.34	.21	.05	.04	.05	.07	.06	.08	.17	.17	.40
31	.05	.02	.03	.03	.05	.09	.14	.06	.05	.10	.21	.34	.40	.27	.21	.24	.35	.48	.37	.34	.31	.15	.10	.06	.19	.48
AV	.07	.09	.10	.11	.11	.11	.12	.11	.10	.10	.11	.13	.15	.16	.14	.13	.11	.09	.08	.06	.06	.05	.06	.07	.10	.78
SD	.03	.11	.13	.15	.16	.17	.18	.18	.16	.16	.10	.09	.11	.12	.12	.14	.12	.12	.10	.08	.06	.04	.06	.08	.13	[ ]

UNOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.10	.05	.10	.15	.08	.04	.03	.05	.08	.12	.30	.46	.49	.49	.47	.51	.31	.15	.08	.26	.47	.45	.35	.12	.24	.51
2	.04	.09	.14	.08	.07	.04	.03	.04	.05	.16	.40	.41	.45	.49	.43	.34	.21	.13	.11	.15	.20	.27	.46	.48	.22	.49
3	.39	.44	.19	.30	.16	.09	.03	.09	.37	.26	.26	.30	.30	.32	.34	.37	.40	.51	.56	.61	.58	.63	.71	.70	.37	.71
4	.65	.58	.51	.52	.49	.37	.38	.47	.44	.43	.49	.57	.57	.62	.52	.49	.52	.46	.47	.51	.46	.37	.29	.21	.47	.65
5	.16	.26	.18	.23	.24	.13	.15	.19	.21	.35	.38	.51	.54	.60	.54	.44	.37	.18	.03	.03	.10	.19	.26	.16	.27	.60
6	.18	.20	.14	.18	.13	.05	.10	.13	.09	.39	.38	.42	.48	.49	.50	.49	.34	.16	.08	.03	.03	.09	.12	.17	.22	.50
7	.15	.11	.08	.11	.05	.08	.09	.06	.03	.20	.32	.43	.50	.49	.45	.40	.31	.16	.03	.04	.02	.08	.08	.05	.18	.50
8	.06	.03	.04	.04	.11	.05	.04	.02	.06	.14	.31	.42	.48	.49	.49	.47	.66	.61	.59	.57	.41	.26	.12	.15	.28	.66
9	.22	.13	.11	.07	.10	.08	.06	.04	.08	.29	.41	.41	.49	.52	.43	.25	.21	.15	.05	.02	.03	.04	.05	.03	.18	.52
10	.05	.03	.03	.06	.16	.15	.14	.08	.08	.22	.27	.37	.55	.49	.47	.18	.11	.01	.03	.00	.04	.02	.04	.01	.15	.55
11	.00	.01	.03	.01	.00	.00	.00	.03	.00	.31	[PF]	.39	.49	.49	.51	.43	.25	.06	.01	.03	.10	.09	.07	.03	.15	.51
12	.06	.08	.08	.04	.03	.02	.01	.00	.05	.18	.28	.37	.52	.46	.40	.37	.34	.09	.00	.03	.03	.04	.03	.01	.15	.52
13	.00	.01	.02	.01	.05	.02	.00	.01	.01	.01	.00	.00	.12	.22	.24	.24	.15	.03	.00	.00	.00	.00	.00	.00	.05	.24
14	.00	.00	.03	.00	.04	.05	.06	.01	.02	.05	.10	.18	.21	.21	.26	.22	.10	.02	.00	.00	.04	.05	.04	.04	.07	.26
15	.09	.09	.06	.00	.00	.07	.02	.05	.04	.01	.08	.20	.27	.45	.32	.16	.00	.02	.01	.01	.00	.00	.00	.00	.08	.45
16	.00	.00	.00	.00	.00	.00	.02	.00	.04	.01	.03	.01	.07	.15	.13	.01	.00	.08	.16	.04	.01	.02	.02	.00	.03	.16
17	.00	.06	.00	.04	.02	.02	.03	.07	.04	.16	.19	.17	.37	.30	.33	.37	.21	.02	.00	.00	.00	.00	.00	.00	.10	.37
18	.00	.00	.03	.00	.00	.00	.00	.00	.03	.14	.28	.47	.56	.53	.46	.36	.34	.14	.00	.00	.04	.10	.02	.04	.15	.56
19	.05	.03	.00	.08	.07	.00	.01	.03	.05	.15	.37	.39	.50	.42	.39	.21	.20	.04	.06	.11	.04	.02	.00	.08	.14	.50
20	.13	.04	.02	.03	.03	.00	.00	.00	.06	.14	.24	.46	.36	.43	.51	.41	.32	.09	.00	.00	.08	.05	.04	.03	.14	.51
21	.01	.00	.00	.00	.01	.00	.03	.00	.04	.13	.28	.37	.43	.41	.43	.45	.40	.15	.01	.00	.03	.08	.08	.03	.14	.45
22	.03	.00	.00	.02	.18	.03	.02	.00	.02	.11	.11	.22	.32	.28	.24	.15	.08	.00	.01	.01	.01	.03	.00	.00	.08	.32
23	.09	.04	.00	.01	.07	.00	.09	.04	.10	.04	.11	.14	.18	.19	.31	.34	.32	.28	.14	.15	.04	.04	.03	.08	.12	.34
24	.12	.07	.02	.02	.05	.04	.01	.01	.07	.22	.33	.44	.45	.39	.32	.26	.18	.08	.00	.00	.00	.00	.01	.00	.13	.45
25	.02	.00	.00	.00	.00	.00	.00	.00	.01	.14	.32	.48	.46	.57	.65	.56	.44	.26	.00	.00	.08	.18	.07	.05	.18	.65
26	.05	.08	.08	.04	.00	.02	.04	.04	.05	.11	.18	.22	.23	.28	.22	.16	.11	.11	.12	.08	.03	.05	.13	.06	.10	.28
27	.01	.02	.00	.00	.00	.01	.03	.04	.01	.00	.12	.20	.23	.22	.24	.10	.06	.13	.07	.10	.09	.12	.11	.08	.08	.24
28	.06	.02	.03	.00	.01	.02	.05	.02	.03	.18	.20	.24	.31	.30	.26	.23	.14	.05	.00	.00	.02	.06	.14	.02	.10	.31
AV	.10	.09	.07	.07	.08	.05	.05	.05	.08	.17	.25	.33	.39	.40	.39	.32	.25	.15	.09	.10	.11	.12	.12	.09	.16	.71
SD	.14	.14	.10	.12	.10	.07	.08	.09	.10	.11	.13	.15	.14	.13	.12	.14	.16	.15	.17	.18	.16	.15	.16	.15	.18	[ ]

GHOUT -- 00000 <811111.1807>

SIGMA W [DC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.07	.02	.02	.01	.03	.04	.01	.02	.00	.06	.10	.13	.15	.32	.51	.25	.30	.55	.51	.46	.30	.33	.28	.21	.20	.55
2	.17	.08	.02	.02	.00	.00	.00	.00	.00	.07	.43	.45	.56	.66	.66	.59	.46	.30	.30	.21	.21	.55	.47	.39	.28	.66
3	.01	.01	.00	.02	.00	.00	.00	.00	.00	.00	.03	.01	.08	.34	.51	.43	.19	.10	.37	.43	.02	.00	.00	.00	.11	.51
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.26	.43	.46	.54	.41	.29	.22	.21	.07	.00	.02	.00	.02	.13	.54
5	.00	.01	.01	.00	.00	.00	.00	.00	.00	.22	.46	.56	.56	.54	.56	.41	.24	.16	.00	.08	.20	.10	.00	.00	.17	.56
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.40	.57	.62	.61	.56	.54	.49	.27	.01	.01	.05	.00	.01	.03	.18	.62
7	.00	.00	.02	.07	.00	.00	.00	.00	.00	.00	.03	.19	.35	.43	.51	.49	.37	.11	.01	.06	.09	.04	.15	.07	.12	.51
8	.03	.03	.04	.03	.04	.05	.01	.00	.00	.05	.11	.19	.24	.40	.38	.28	.17	.09	.00	.13	.04	.05	.05	.05	.10	.40
9	.12	.09	.07	.04	.06	.04	.03	.02	.01	.21	.32	.55	.69	.62	.58	.55	.48	.36	.30	.30	.18	.14	.09	.06	.25	.69
10	.09	.03	.02	.00	.00	.00	.01	.00	.00	.00	.03	.25	.44	.40	.29	.40	.36	.39	.31	.34	.40	.09	.00	.02	.16	.44
11	.06	.08	.05	.04	.01	.04	.06	.05	.01	.06	.61	.90	.88	.91	.91	.79	.73	.80	.64	.73	.66	.68	.68	.78	.47	.91
12	.69	.55	.28	.71	.74	.80	.65	.48	.49	.58	.68	.80	.78	.77	.75	.74	.67	.55	.36	.11	.12	.04	.10	.07	.52	.80
13	.11	.03	.00	.06	.14	.10	.16	.02	.17	.35	.42	.55	.62	.68	.61	.58	.35	.27	.03	.00	.10	.15	.10	.07	.24	.68
14	.03	.04	.10	.11	.05	.00	.06	.05	.09	.19	.33	.40	.40	.71	.83	.80	.77	.67	.48	.57	.64	.29	.38	.16	.34	.83
15	.07	.14	.41	.31	.10	.11	.13	.11	.33	.48	.61	.69	.67	.70	.69	.61	.59	.50	.51	.51	.45	.30	.14	.09	.39	.70
16	.14	.03	.03	.04	.13	.37	.26	.35	.65	.90	.97	.90	.84	.83	.89	.85	.85	.78	.72	.29	.27	.08	.02	.07	.47	.97
17	.00	.09	.43	.49	.39	.11	.01	.00	.21	.45	.41	.44	.65	.69	.59	.51	.56	.42	.31	.04	.08	.05	.03	.06	.29	.69
18	.09	.06	.04	.03	.01	.02	.05	.13	.17	.60	.97	.97	.96	.96	.96	.94	.82	.82	.83	.75	.16	.01	.02	.41	.45	.97
19	.43	.38	.31	.31	.20	.07	.04	.14	.05	.32	.56	.64	.64	.72	.74	.51	.71	.81	.78	.68	.60	.59	.51	.35	.46	.81
20	.20	.14	.09	.21	.10	.12	.14	.05	.33	.60	.66	.66	.69	.70	.72	.70	.58	.55	.46	.37	.15	.08	.01	.00	.35	.72
21	.00	.01	.09	.16	.03	.14	.05	.07	.25	.42	.54	.64	.62	.75	.74	.70	.65	.45	.41	.29	.31	.21	.07	.15	.32	.75
22	.27	.23	.31	.17	.15	.16	.09	.13	.22	.39	.58	.59	.65	.63	.63	.63	.58	.49	.16	.01	.13	.25	.20	.09	.32	.65
23	.19	.26	.31	.13	.11	.28	.23	.26	.44	.53	.66	.65	.69	.70	.70	.69	.57	.41	.11	.01	.04	.18	.19	.15	.35	.70
24	.14	.11	.12	.09	.07	.17	.25	.27	.25	.46	.66	.69	.69	.77	.70	.63	.56	.48	.25	.35	.41	.37	.45	.50	.39	.77
25	.61	.45	.31	.18	.24	.04	.01	.09	.31	.40	.53	.67	.62	.59	.61	.63	.37	.18	.00	.00	.01	.13	.12	.09	.30	.67
26	.16	.09	.03	.01	.01	.00	.00	.00	.01	.14	.51	.38	.51	.37	.35	.38	.25	.12	.16	.02	.00	.01	.03	.00	.15	.51
27	.12	.04	.01	.00	.05	.00	.02	.08	.15	.28	.40	.57	.57	.54	.42	.48	.35	.29	.40	.36	.40	.35	.25	.24	.27	.57
28	.13	.19	.11	.12	.25	.26	.31	.25	.47	.59	.78	.88	.86	.90	.84	.88	.87	.87	.83	.82	.57	.31	.44	.68	.55	.90
29	.72	.68	.76	.66	.32	.39	.66	.39	.34	.20	.27	.43	.61	.74	.51	.00	.10	.40	.46	.35	.38	.28	.09	.00	.41	.76
30	.00	.00	.00	.00	.00	.00	.09	.10	.36	.76	.77	.87	.92	.80	.66	.69	.61	.67	.50	.17	.03	.11	.12	.20	.35	.92
31	.11	.07	.00	.00	.01	.01	.01	.01	.04	.27	.46	.74	.71	.80	.67	.75	.76	.72	.72	.63	.83	.76	.66	.71	.44	.83
AV	.16	.13	.13	.13	.10	.11	.11	.10	.17	.32	.47	.56	.60	.65	.63	.58	.50	.45	.36	.30	.25	.21	.18	.18	.31	.97
SD	.20	.17	.18	.19	.16	.17	.17	.13	.18	.24	.26	.25	.21	.17	.16	.20	.21	.24	.26	.25	.23	.21	.20	.22	.28	[ ]

UHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR. 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.71	.71	.61	.64	.73	.54	.35	.15	.71	.92	.93	.91	.92	.89	.92	.91	.93	.84	.76	.74	.69	.52	.59	.44	.71	.93
2	.50	.18	.73	.77	.65	.52	.60	.67	.79	.73	.80	.85	.88	.85	.77	.75	.64	.67	.52	.49	.18	.10	.17	.28	.59	.88
3	.05	.11	.08	.03	.00	.07	.10	.02	.02	.13	.39	.55	.66	.71	.76	.75	.71	.58	.36	.15	.17	.42	.53	.57	.33	.76
4	.51	.45	.43	.16	.10	.03	.04	.01	.16	.70	.85	.84	.90	.88	.89	.93	.90	.89	.90	.93	.83	.72	.60	.41	.59	.93
5	.16	.11	.10	.13	.32	.10	.10	.18	.35	.58	.67	.69	.69	.70	.61	.61	.40	.19	.10	.07	.08	.01	.00	.04	.29	.70
6	.08	.00	.00	.11	.10	.03	.02	.01	.17	.33	.54	.62	.67	.78	.82	.82	.83	.85	.69	.26	.10	.24	.26	.11	.35	.85
7	.17	.13	.22	.20	.26	.40	.39	.36	.27	.46	.58	.73	.73	.67	.73	.65	.55	.39	.44	.20	.13	.09	.12	.10	.37	.73
8	.22	.21	.22	.19	.17	.21	.09	.23	.40	.56	.68	.73	.77	.76	.79	.67	.66	.69	.72	.62	.42	.17	.26	.34	.45	.79
9	.24	.14	.09	.12	.13	.11	.14	.21	.32	.60	.70	.72	.72	.81	.79	.72	.62	.61	.58	.23	.12	.14	.25	.13	.39	.81
10	.12	.17	.27	.20	.11	.12	.08	.15	.27	.53	.59	.76	.69	.68	.63	.58	.40	.27	.13	.31	.36	.21	.12	.22	.33	.76
11	.09	.07	.02	.09	.13	.10	.04	.05	.35	.62	.65	.65	.64	.70	.70	.72	.63	.62	.50	.21	.10	.71	.80	.84	.42	.84
12	.64	.57	.73	.76	.45	.15	.10	.08	.39	.49	.53	.55	.68	.80	.78	.80	.80	.71	.50	.35	.09	.04	.09	.12	.47	.80
13	.10	.03	.06	.05	.06	.08	.13	.11	.33	.49	.55	.68	.64	.64	.71	.77	.68	.49	.42	.18	.12	.47	.22	.19	.34	.77
14	.33	.30	.16	.13	.11	.08	.08	.09	.23	.54	.68	.79	.75	.80	.79	.77	.67	.42	.63	.33	.10	.19	.26	.25	.40	.80
15	.30	.08	.05	.02	.02	.02	.03	.21	.48	.56	.66	.77	.81	.88	.88	.84	.87	.78	.75	.41	.30	.37	.15	.30	.44	.88
16	.43	.52	.39	.40	.39	.44	.40	.49	.62	.71	.71	.76	.74	.74	.69	.65	.53	.34	.26	.03	.02	.16	.18	.13	.45	.76
17	.14	.10	.08	.05	.06	.09	.11	.28	.34	.54	.55	.69	.67	.68	.66	.70	.69	.51	.30	.08	.21	.09	.04	.16	.33	.70
18	.21	.23	.09	.06	.05	.11	.15	.26	.27	.53	.71	.81	.88	.91	.98	.96	.94	.95	.96	.87	.73	.59	.60	.25	.55	.98
19	.30	.19	.12	.08	.03	.03	.04	.15	.43	.65	.68	.72	.77	.69	.68	.64	.64	.53	.52	.47	.52	.49	.45	.60	.43	.77
20	.51	.50	.55	.23	.22	.23	.19	.54	.86	.91	.85	.91	.82	.72	.76	.72	.65	.70	.65	.63	.49	.38	.33	.41	.57	.91
21	.33	.23	.09	.22	.12	.07	.11	.22	.54	.75	.87	.85	.89	.86	.90	.81	.75	.66	.60	.51	.29	.28	.23	.15	.47	.90
22	.17	.13	.18	.14	.17	.19	.16	.18	.39	.59	.72	.79	.79	.85	.86	.72	.77	.61	.47	.22	.12	.28	.47	.21	.42	.86
23	.23	.21	.12	.15	.26	.19	.11	.09	.50	.56	.69	.67	.69	.72	.70	.69	.71	.66	.70	.48	.49	.56	.36	.25	.45	.72
24	.14	.16	.26	.22	.24	.26	.23	.22	.45	.57	.68	.82	.82	.77	.79	.73	.79	.64	.43	.17	.21	.21	.20	.20	.43	.82
25	.20	.20	.20	.20	.20	.20	.20	.20	.20	.21	.22	.24	.25	.25	.24	.24	.25	.25	.22	.20	.21	.21	.20	.20	.22	.25
26	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.21	.22	.25	.76	.62	.45	.30	.12	.46	.41	.37	.15	.27	.28	.76
27	.19	.08	.14	.09	.06	.12	.16	.43	.46	.62	.72	.78	.83	.83	.80	.75	.69	.68	.35	.14	.09	.16	.20	.41	.41	.83
28	.35	.36	.25	.19	.21	.29	.17	.27	.44	.65	.68	.74	.79	.80	.81	.74	.67	.51	.43	.68	.48	.36	.38	.48	.49	.81
29	.47	.91	.77	.54	.65	.74	.67	.44	.44	.71	.77	.79	.75	.82	.80	.82	.75	.59	.39	.20	.20	.33	.25	.22	.58	.91
30	.22	.56	.65	.58	.30	.25	.19	.22	.41	.72	.66	.75	.72	.77	.72	.70	.64	.55	.29	.10	.08	.14	.22	.21	.44	.77
MV	.28	.26	.26	.23	.22	.20	.18	.22	.39	.57	.65	.71	.73	.74	.76	.73	.67	.58	.49	.36	.28	.30	.29	.28	.43	.98
SD	.17	.22	.23	.21	.19	.17	.16	.16	.18	.18	.16	.16	.16	.15	.13	.13	.16	.19	.22	.24	.22	.19	.19	.17	.27	[ ]

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*                 *
*    FINAL DATA   *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.15	.10	.08	.15	.12	.11	.11	.29	.50	.59	.67	.84	.89	.85	.81	.68	.52	.45	.78	.55	.40	.60	.57	.54	.47	.89
2	.29	.13	.08	.19	.17	.11	.10	.14	.33	.48	.67	.73	.66	.34	.42	.26	.10	.12	.27	.14	.25	.18	.16	.19	.27	.73
3	.26	.34	.24	.07	.04	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.18	.40	.19	.45	.21	.38	.24	.08	.08	.23	.45
4	.11	.13	.08	.10	.17	.16	.15	.19	.29	.44	.55	.75	.72	.75	.62	.48	.76	.75	.63	.48	.33	.30	.15	.32	.39	.76
5	.20	.14	.24	.38	.37	.20	.14	.39	.60	.67	.70	.91	.85	.84	.84	.86	.82	.66	.44	.11	.14	.26	.27	.16	.47	.91
6	.18	.22	.17	.21	.28	.23	.30	.33	.47	.61	.68	.74	.77	.77	.75	.83	.64	.56	.37	.29	.68	.73	.71	.42	.50	.83
7	.19	.18	.35	.30	.41	.37	.34	.42	.45	.68	.82	.79	.87	.75	.82	.84	.72	.53	.40	.15	.06	.12	.05	.20	.45	.87
8	.18	.11	.00	.03	.01	.14	.03	.20	.35	.39	.59	.63	.69	.89	.93	.86	.87	.90	.75	.36	.35	.44	.28	.70	.45	.93
9	.61	.59	.51	.30	.82	.47	.54	.76	.95	.91	.96	.97	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.09	.10	.44	.60	.97
10	.21	.33	.28	.11	.05	.02	.13	.10	.11	.24	.59	.88	.62	.79	.82	.67	.78	.65	.41	.35	.30	.39	.47	.25	.40	.88
11	.18	.17	.15	.08	.08	.05	.00	.19	.40	.55	.54	.56	.61	.73	.67	.69	.72	.51	.29	.34	.15	.03	.07	.19	.33	.73
12	.02	.04	.07	.04	.00	.01	.09	.20	.33	.28	.32	.58	.66	.61	.60	.64	.49	.42	.50	.72	.58	.25	.13	.12	.32	.72
13	.13	.02	.08	.30	.52	.28	.13	.31	.62	.64	.68	.68	.87	.88	.73	.89	.80	.72	.47	.38	.16	.00	.00	.01	.43	.89
14	.11	.10	.04	.17	.13	.06	.10	.28	.45	.61	.70	.75	.77	.77	.66	.59	.58	.62	.37	.29	.25	.26	.06	.07	.37	.77
15	.14	.05	.09	.01	.02	.03	.01	.19	.41	.59	.67	.59	.67	.78	.72	.74	.58	.46	.52	.24	.15	.16	.18	.08	.34	.78
16	.09	.31	.22	.08	.01	.06	.17	.19	.48	.61	.70	.71	.75	.81	.56	.68	.51	.50	.42	.25	.11	.21	.26	.17	.37	.81
17	.00	.18	.18	.05	.02	.09	.11	.26	.43	.60	.72	.79	.84	.82	.77	.78	.70	.47	.09	.02	.10	.22	.18	.05	.35	.84
18	.04	.17	.20	.26	.10	.17	.14	.16	.49	.83	.88	.94	.91	.91	.94	.89	.83	.82	.66	.87	.50	.41	.07	.09	.51	.94
19	.14	.16	.11	.13	.23	.32	.62	.90	.47	.46	.71	.76	.82	.84	.59	.55	.61	.50	.41	.25	.16	.08	.19	.41	.43	.90
20	.18	.16	.31	.26	.22	.14	.13	.31	.45	.68	.76	.82	.89	.95	.94	.83	.77	.65	.43	.17	.15	.19	.24	.38	.46	.95
21	.24	.13	.13	.16	.15	.15	.24	.28	.43	.59	.72	.72	.78	.81	.81	.80	.67	.56	.45	.25	.36	.38	.45	.28	.44	.81
22	.18	.13	.14	.16	.18	.18	.16	.18	.44	.65	.72	.82	.89	.88	.89	.80	.82	.90	.76	.57	.20	.18	.36	.37	.48	.90
23	.30	.31	.44	.36	.35	.34	.18	.28	.36	.53	.81	.87	.91	.87	.81	.79	.84	.63	.44	.59	.54	.49	.28	.16	.52	.91
24	.12	.14	.36	.14	.21	.23	.20	.36	.62	.74	.90	.84	.83	.74	.84	1.00	.82	.81	.80	.90	.77	.68	.71	.65	.60	1.00
25	.13	.08	.13	.17	.17	.10	.10	.37	.62	.64	.73	.84	.86	.91	.88	.75	.72	.65	.63	.51	.38	.48	.60	.45	.50	.91
26	.51	.41	.18	.11	.14	.19	.26	.41	.53	.59	.74	.81	.84	.87	.89	.86	.88	.77	.61	.39	.36	.28	.42	.54	.52	.89
27	.70	.62	.24	.25	.29	.20	.33	.19	.83	.96	.95	.96	.85	.81	.70	.72	.89	.93	.91	.85	.95	.94	1.00	.92	.71	1.00
28	.92	.88	.89	.78	.88	.92	.84	.64	.71	.79	.88	.92	.92	.93	1.00	.98	.91	.90	.78	.67	.57	.37	.15	.23	.77	1.00
29	.35	.15	.10	.13	.19	.25	.34	.36	.54	.75	.75	.81	.84	.98	.93	.80	.86	.83	.68	.84	.41	.15	.04	.29	.52	.98
30	.54	.58	.72	.67	.50	.53	.64	.80	.84	.79	.64	.93	.77	.44	.67	.53	.59	.44	.50	.25	.13	.17	.16	.25	.55	.93
31	.16	.14	.25	.17	.17	.20	.13	.40	.48	.67	.76	.85	.81	.85	.85	.87	.78	.69	.52	.31	.19	.22	.28	.24	.46	.87
AV	.24	.23	.23	.20	.23	.21	.23	.34	.50	.62	.72	.79	.80	.80	.77	.73	.70	.62	.52	.41	.34	.31	.28	.30	.46	1.00
SD	.21	.20	.19	.17	.22	.18	.20	.20	.17	.16	.13	.11	.09	.14	.14	.19	.18	.20	.18	.25	.22	.21	.24	.21	.29	[ ]

QNOUT --- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
2	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
3	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
4	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
5	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
6	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
7	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
8	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
9	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
10	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
11	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
12	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
13	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
14	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
15	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
16	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
17	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
18	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
19	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
20	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
21	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
22	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
23	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
24	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
25	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
26	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
27	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
28	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
29	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
30	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

UHOUT -- 00000 <811111.1807>

SIGMA W [CC121]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
2	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
3	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
4	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
5	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
6	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
7	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
8	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
9	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
10	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
11	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
12	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
13	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
14	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
15	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[SA]	[SA]	[SA]	[SA]	[SA]	[SA]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
16	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
17	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
18	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
19	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
20	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	.59	.90	.85	.92	.74	.82	.74	.50	.27	.19	.14	.24	.19	.55	.92
21	.38	.26	.17	.17	.06	.08	.05	.10	.34	.53	.69	.81	.79	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	.34	.81
22	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
23	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
24	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
25	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	.01	.04	.17	.25	.33	.47	.31	.23	.47
26	.22	.29	.27	.15	.09	.10	.10	.17	.45	.60	.69	.81	.82	.50	.85	.72	.66	.63	.65	.77	.90	.72	.40	.15	.49	.90
27	.19	.26	.17	.15	.05	.07	.16	.16	.29	.49	.76	.85	.81	.59	.60	.63	.60	.51	.39	.07	.05	.29	.27	.19	.36	.85
28	.07	.10	.07	.10	.11	.14	.12	.08	.07	.19	.39	.61	.63	.73	.74	.84	.57	.54	.37	.28	.08	.05	.03	.18	.30	.84
29	.17	.11	.12	.18	.11	.16	.12	.14	.43	.59	.78	.83	.82	.91	.86	.79	.64	.73	.87	.51	.45	.82	.84	.47	.52	.91
30	.25	.11	.07	.06	.10	.16	.12	.21	.47	.72	.79	.79	.95	.93	.92	.88	.76	.74	.51	.20	.03	.17	.25	.26	.44	.95
31	.35	.30	.26	.20	.33	.15	.22	.26	.48	.59	.71	.46	.84	.80	.86	.93	.82	.65	.53	.15	.08	.17	.38	.25	.45	.93
AV	.23	.20	.16	.14	.12	.12	.13	.16	.36	.53	.69	.72	.82	.76	.82	.79	.70	.57	.48	.30	.25	.34	.36	.25	.42	.95
SD	.11	.09	.08	.05	.09	.04	.05	.06	.15	.17	.14	.14	.09	.16	.11	.10	.10	.24	.24	.23	.30	.28	.24	.10	.29	[ ]

00001 -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.21	.25	.36	.23	.13	.16	.24	.28	.50	.53	.66	.79	.82	.87	.98	.97	.93	.87	.76	.64	.87	1.17	.69	.45	.60	1.17
2	.75	.85	.71	.19	.20	.34	.41	.66	.89	.82	.93	.93	.90	.90	.87	.84	.84	.49	.25	.50	.53	.37	.20	.18	.61	.93
3	.11	.11	.03	.02	.18	.39	.60	.53	.53	.73	.68	.71	.72	.70	.85	.81	.55	.73	.50	.43	.16	.02	.25	.19	.44	.85
4	.15	.12	.05	.10	.16	.24	.29	.20	.30	.40	.51	.63	.75	.80	.48	.69	.62	.47	.18	.14	.08	.09	.07	.14	.32	.80
5	.24	.18	.34	.24	.15	.08	.13	.11	.38	.47	.75	.72	.79	.76	.81	.66	.49	.70	.44	.16	.12	.27	.45	.30	.41	.81
6	.16	.19	.38	.22	.18	.10	.13	.22	.28	.43	.59	.64	.70	.73	.74	.79	.78	.55	.40	.12	.04	.05	.34	.36	.38	.79
7	.16	.05	.00	.03	.07	.00	.02	.06	.23	.43	.61	.77	.73	.73	.87	.76	.50	.47	.34	.01	.03	.42	.75	.72	.37	.87
8	.54	.45	.12	.40	.04	.00	.16	.46	.43	.76	.67	.78	.77	.91	.64	.64	.83	.71	.42	.87	.86	.68	.73	.41	.55	.91
9	.05	.00	.00	.01	.04	.04	.09	.19	.33	.55	.64	.66	.85	.86	.76	.91	.82	.82	.76	.64	.42	.38	.42	.40	.44	.91
10	.40	.38	.25	.15	.16	.18	.11	.23	.46	.70	.80	.86	.77	.96	.84	.70	.79	.66	.41	.12	.48	.87	.92	1.00	.55	1.00
11	1.04	.86	.91	.55	1.18	.77	.25	.23	.56	.98	1.02	1.06	1.10	1.01	.98	.94	.59	.33	.25	.19	.26	.23	.10	.05	.64	1.18
12	.15	.24	.19	.08	.08	.05	.08	.09	.23	.49	.64	.69	.80	.84	.93	.90	.84	.70	.53	.54	.64	.42	.11	.11	.43	.93
13	.07	.04	.05	.08	.06	.38	.46	.53	.41	.16	.22	.25	.22	.29	.23	.29	.31	.45	.31	.15	.05	.05	.09	.05	.22	.53
14	.06	.05	.03	.04	.04	.03	.05	.12	.35	.43	.60	.69	.69	.74	.70	.74	.56	.44	.31	.08	.13	.12	.19	.25	.31	.74
15	.20	.19	.14	.13	.15	.16	.19	.23	.46	.55	.63	.65	.31	.22	.28	.39	.39	.33	.08	.59	.47	.71	.46	.59	.35	.71
16	.46	.34	.19	.14	.14	.29	.51	.53	.44	.54	.65	.49	.77	.43	.33	.61	.65	.62	.32	.20	.09	.16	.19	.37	.39	.77
17	.16	.15	.14	.18	.18	.10	.12	.16	.34	.48	.61	.68	.71	.48	.42	.31	.31	.24	.12	.40	.86	.80	.73	.74	.39	.86
18	.69	.37	.35	.48	.37	.28	.11	.10	.31	.44	.66	.79	.75	.80	.76	.76	.73	.61	.44	.77	.33	.27	.42	.28	.49	.80
19	.32	.28	.17	.08	.23	.19	.27	.40	.38	.44	.57	.80	.71	.43	.79	.65	.67	.54	.28	.04	.06	.27	.26	.27	.38	.80
20	.41	.29	.15	.14	.08	.11	.15	.10	.24	.50	.63	.73	.88	.81	.84	.84	.47	.65	.48	.66	.69	.91	.65	.46	.49	.91
21	.43	.40	.20	.06	.20	.27	.15	.18	.32	.56	.74	.79	.79	.74	.74	.85	1.01	.79	.50	.68	.45	.47	.16	.26	.49	1.01
22	.39	.32	.33	.23	.06	.05	.12	.28	.23	.22	.58	.84	.77	.88	.97	.79	.82	.90	.83	.55	.36	.49	.49	.35	.49	.97
23	.17	.08	.02	.01	.08	.04	.00	.11	.29	.44	.62	.67	.82	.76	.62	.71	.68	.63	.59	.48	.68	.37	.13	.11	.38	.82
24	.31	.57	.28	.00	.01	.00	.11	.22	.55	.68	.72	.78	.75	.71	.78	.73	.60	.54	.33	.24	.18	.39	.27	.08	.41	.78
25	.09	.02	.00	.06	.03	.01	.01	.01	.62	.83	.81	.96	.93	.99	.86	.95	.92	.91	.89	.78	.49	.54	.49	.22	.52	.99
26	.11	.00	.12	.21	.11	.00	.00	.00	.37	.66	.73	.82	.87	.91	.89	.76	.40	.37	.56	.83	.36	.14	.11	.10	.39	.91
27	.23	.31	.32	.14	.09	.13	.18	.21	.38	.60	.65	.80	.88	.84	.64	.49	.78	.68	.34	.22	.24	.35	.30	.36	.42	.88
28	.33	.28	.17	.24	.17	.20	.24	.39	.48	.61	.74	.89	.83	.66	.63	.59	.57	.66	.43	.76	.44	.12	.26	.25	.46	.89
29	.48	.32	.35	.45	.18	.00	.00	.01	.26	.39	.54	.54	.56	.53	.69	.65	.62	.33	.11	.00	.05	.11	.25	.25	.32	.69
30	.13	.06	.31	.12	.13	.05	.08	.08	.26	.35	.53	.66	.82	.84	.82	.78	.72	.67	.24	.03	.06	.17	.17	.17	.34	.84
31	.14	.06	.09	.05	.04	.09	.06	.15	.27	.38	.54	.66	.82	.75	.81	.75	.74	.63	.25	.00	.09	.18	.20	.07	.33	.82
AV	.29	.25	.22	.16	.16	.15	.17	.23	.39	.53	.65	.73	.76	.74	.73	.72	.66	.60	.41	.38	.34	.37	.35	.31	.43	1.18
SD	.23	.22	.20	.14	.20	.16	.15	.17	.14	.18	.14	.15	.16	.20	.20	.17	.18	.18	.20	.29	.27	.29	.23	.22	.29	[ ]

GMOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30-MAR-83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.09	.12	.12	.17	.20	.19	.10	.15	.28	.36	.65	.66	.70	.81	.68	.69	.66	.48	.18	.07	.16	.37	.18	.09	.34	.81
2	.13	.21	.10	.12	.12	.09	.04	.04	.24	.42	.58	.66	.84	.69	.60	.55	.42	.22	.04	.00	.00	.18	.09	.07	.27	.84
3	.11	.12	.06	.03	.04	.06	.04	.10	.29	.47	.52	.65	.71	.48	.74	.77	.69	.33	.01	.02	.07	.36	.40	.17	.30	.77
4	.13	.14	.12	.17	.16	.10	.12	.14	.12	.44	.66	.85	.89	.92	.77	.89	.67	.76	.72	.64	.51	.62	.39	.20	.46	.92
5	.40	.43	.29	.86	.61	.27	.16	.48	.64	.53	.65	.86	.86	.90	1.10	.77	.94	.96	.52	.17	.17	.25	.27	.28	.56	1.10
6	.19	.08	.11	.23	.18	.14	.15	.15	.42	.52	.66	.80	.70	.73	.79	.55	.70	.77	.79	.27	.26	.20	.14	.16	.40	.80
7	.26	.36	.24	.22	.18	.20	.11	.06	.05	.16	.28	.62	.69	.75	.78	.75	.59	.40	.07	.06	.05	.09	.25	.26	.31	.78
8	.09	.14	.12	.12	.11	.04	.04	.15	.35	.48	.76	.81	.86	.98	.87	.80	.72	.52	.25	.19	.42	.48	.43	.29	.42	.98
9	.17	.05	.08	.13	.11	.07	.14	.18	.39	.52	.62	.80	.85	.86	.96	.85	.70	.57	.23	.23	.72	.77	.57	.35	.46	.96
10	.21	.14	.13	.10	.09	.14	.34	.70	.74	.64	.54	.75	.57	.56	.81	1.08	1.01	.53	.20	.15	.18	.40	.45	.47	.46	1.08
11	.27	.21	.14	.28	.27	.10	.05	.07	.18	.20	.38	.35	.55	.57	.58	.55	.47	.46	.30	.13	.09	.09	.02	.09	.27	.58
12	.17	.26	.25	.23	.25	.28	.37	.36	.47	.51	.67	.76	.76	.63	.66	.59	.50	.30	.52	.37	.21	.44	.49	.24	.43	.76
13	.17	.11	.05	.06	.09	.14	.09	.16	.22	.13	.44	.42	.42	.35	.25	.47	.40	.23	.06	.19	.40	.37	.16	.10	.23	.47
14	.15	.01	.00	.00	.00	.00	.01	.04	.09	.22	.48	.40	.70	.57	.65	.54	.22	.03	.10	.15	.23	.21	.04	.01	.20	.70
15	.02	.09	.14	.13	.14	.21	.22	.25	.32	.46	.64	.73	.75	.76	.78	.67	.54	.30	.05	.06	.05	.10	.16	.08	.32	.78
16	.02	.12	.07	.09	.10	.03	.03	.02	.09	.08	.09	.22	.30	.29	.29	.40	.37	.05	.01	.00	.14	.16	.17	.18	.14	.40
17	.19	.08	.01	.00	.00	.01	.08	.00	.00	.05	.06	.09	.40	.61	.62	.49	.52	.26	.04	.14	.29	.19	.24	.28	.19	.62
18	.15	.20	.22	.15	.08	.05	.13	.08	.30	.37	.51	.58	.54	.59	.66	.47	.25	.38	.33	.31	.28	.23	.00	.02	.29	.66
19	.00	.00	.00	.05	.03	.08	.13	.06	.29	.26	.37	.47	.54	.53	.36	.36	.25	.01	.01	.02	.10	.53	.40	.30	.21	.54
20	.18	.02	.12	.02	.03	.08	.14	.05	.30	.35	.51	.52	.68	.65	.61	.55	.51	.21	.03	.04	.18	.20	.14	.17	.26	.68
21	.18	.15	.18	.09	.15	.09	.02	.09	.32	.44	.52	.54	.71	.76	.69	.57	.46	.22	.27	.36	.28	.25	.23	.22	.32	.76
22	.19	.23	.21	.15	.19	.14	.19	.18	.33	.42	.43	.73	.70	.54	.59	.53	.40	.27	.31	.36	.28	.21	.10	.15	.33	.73
23	.27	.32	.19	.08	.26	.19	.31	.22	.38	.41	.49	.70	.61	.55	.58	.51	.38	.20	.07	.23	.23	.26	.33	.21	.33	.70
24	.28	.26	.28	.26	.15	.24	.25	.18	.33	.43	.57	.65	.37	.37	.52	.42	.16	.01	.02	.11	.18	.27	.22	.07	.28	.65
25	.10	.22	.22	.24	.23	.28	.11	.03	.14	.14	.20	.26	.44	.31	.25	.16	.19	.03	.02	.14	.16	.10	.05	.10	.17	.44
26	.10	.28	.37	.40	.32	.16	.02	.07	.14	.22	.40	.72	.81	.82	.78	.79	.73	.66	.53	.26	.12	.48	.42	.10	.40	.82
27	.00	.06	.00	.01	.02	.08	.05	.00	.00	.09	.24	.51	.67	.65	.45	.53	.42	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.22	.67
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
AV	.16	.16	.14	.16	.15	.13	.13	.15	.27	.35	.48	.60	.65	.64	.65	.60	.51	.35	.22	.18	.22	.30	.24	.18	.32	1.10
SD	.09	.11	.10	.17	.13	.08	.10	.15	.17	.16	.18	.20	.16	.18	.20	.19	.22	.25	.23	.15	.16	.17	.16	.11	.25	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

QHOUT -- 00000 (811111.1807)

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.60	.92	.98	.84	.81	.59	.09	.04	.04	.06	.13	.06	.07	.40	.98
10	.06	.06	.06	.11	.07	.07	.07	.09	.08	.13	.62	.94	.82	.64	.84	.84	.58	.82	.37	.35	.20	.21	.28	.24	.36	.94
11	.20	.19	.36	.35	.36	.25	.24	.26	.27	.46	.90	.93	.93	.92	.90	.90	.91	.93	.95	.96	.97	.92	.86	.15	.63	.97
12	.06	.05	.05	.05	.05	.05	.05	.05	.09	.53	.80	.83	.83	.85	.81	.81	.83	.87	.66	.16	.16	.13	.08	.05	.37	.87
13	.05	.05	.05	.05	.05	.05	.05	.05	.06	.09	.10	.16	.15	.15	.28	.55	.56	.44	.24	.14	.11	.14	.06	.05	.15	.56
14	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.09	.13	.16	.17	.16	.16	.15	.13	.09	.05	.05	.05	.05	.05	.08	.17
15	.05	.05	.05	.05	.05	.05	.05	.05	.05	.07	.06	.06	.06	.06	.08	.10	.08	.07	.06	.08	.05	.05	.05	.05	.06	.10
16	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.08	.12	.13	.10	.09	.07	.06	.06	.06	.05	.09	.05	.05	.07	.13
17	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.10	.11	.10	.09	.07	.06	.06	.06	.06	.06	.06	.06	.05	.06	.11
18	.04	.03	.02	.03	.03	.03	.03	.03	.03	.03	.07	.07	.06	.07	.06	.36	.70	.34	.12	.11	.52	.78	.79	.81	.22	.81
19	.80	.81	.79	.77	.80	.82	.81	.81	.78	.76	.71	.48	.86	.94	.94	.98	.95	.97	.96	.98	1.00	.98	.97	.91	.86	1.00
20	.92	.91	.77	.21	.04	.03	.03	.03	.03	.06	.13	.14	.15	.12	.12	.10	.10	.11	.11	.12	.13	.12	.12	.11	.20	.92
21	.10	.06	.04	.03	.02	.03	.02	.04	.04	.03	.06	.11	.52	.67	.70	.74	.74	.62	.12	.07	.07	.06	.07	.04	.21	.74
22	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.18	.43	.66	.68	.77	.81	.74	.30	.06	.05	.04	.03	.03	.03	.21	.81
23	.03	.02	.02	.03	.03	.02	.02	.02	.02	.03	.30	.55	.53	.56	.62	.59	.49	.10	.03	.02	.03	.03	.03	.03	.17	.62
24	.03	.03	.02	.03	.02	.03	.03	.03	.02	.03	.08	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.08
25	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.06	.10	.41	.78	.73	.74	.76	.81	.84	.87	.69	.13	.03	.02	.30	.87
26	.03	.02	.02	.02	.03	.03	.02	.03	.02	.04	.04	.04	.08	.09	.08	.06	.04	.05	.05	.02	.02	.02	.03	.03	.04	.09
27	.02	.02	.02	.03	.03	.03	.03	.02	.02	.04	.03	.04	.08	.10	.08	.06	.04	.04	.04	.02	.03	.02	.02	.03	.04	.10
28	.02	.02	.03	.03	.03	.03	.03	.03	.02	.05	.04	.03	.04	.04	.04	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.05
29	.03	.03	.03	.03	.02	.03	.03	.03	.03	.02	.03	.03	.04	.04	.03	.05	.05	.04	.04	.04	.04	.04	.04	.04	.03	.05
30	.05	.06	.08	.03	.02	.02	.03	.03	.04	.04	.06	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.04	.08
AV	.13	.12	.12	.10	.09	.08	.08	.09	.09	.13	.21	.28	.36	.39	.40	.42	.41	.33	.24	.20	.21	.19	.18	.14	.21	1.00
SD	.25	.25	.23	.17	.18	.18	.17	.17	.17	.20	.28	.31	.34	.36	.36	.36	.35	.35	.32	.32	.31	.30	.30	.25	.30	[ ]

QHOUT -- 00000 <811111.1807>

SIGMA W [CC:21]

METERS/SECOND
LEVEL HEIGHT : 30 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.05	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.05
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.00	.00
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.10	.11	.12	.12	.13	.13	.09	.00	.00	.00	.00	.00	.00	.03	.13
15	.00	.00	.00	.00	.00	.00	.00	.00	.12	.25	.00	.05	.12	.13	.00	.00	.09	.15	.07	.00	.00	.00	.00	.00	.04	.25
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.13	.12	.13	.14	.14	.14	.12	.01	.00	.00	.00	.00	.00	.04	.14
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.03
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
22	.00	.00	.00	.00	.00	.00	.00	.00	.59	.59	.59	.58	.57	.56	.54	.54	.46	.38	.05	.00	.00	.00	.00	.00	.23	.59
23	.04	.01	.03	.19	.38	.23	.18	.29	.07	.00	.00	.00	.00	.04	.36	.06	.00	.00	.00	.00	.00	.00	.00	.00	.08	.36
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.00	.02
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	.00	.00	.00	.01	.02	.01	.01	.02	.04	.05	.04	.05	.06	.05	.06	.05	.04	.04	.01	.00	.00	.00	.00	.00	.02	.59
SD	.01	.00	.01	.04	.09	.05	.04	.07	.14	.14	.14	.13	.13	.13	.14	.13	.11	.09	.02	.00	.00	.00	.00	.00	.09	[ ]

GHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC:26]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	623	622	622	621	620	620	620	620	620	620	619	618	617	616	615	618	618	619	619	619	620	620	621	621	620	623
2	622	622	622	622	622	622	622	621	621	621	621	620	619	619	619	619	619	620	620	621	621	622	622	623	621	623
3	623	624	625	625	626	626	627	628	629	630	630	630	629	629	629	629	629	630	630	631	631	631	631	632	629	632
4	631	631	631	631	630	630	630	630	630	630	630	629	628	627	627	626	626	626	626	626	626	626	626	626	628	631
5	626	625	625	624	624	624	623	623	623	623	623	622	621	620	620	619	619	620	620	620	620	620	620	621	622	626
6	621	622	623	624	624	624	625	626	627	626	630	629	629	629	629	630	631	632	633	633	634	635	635	636	629	636
7	636	637	638	635	639	639	640	641	642	642	642	641	641	640	640	640	640	641	642	643	643	644	644	644	641	644
8	644	644	644	644	644	644	644	644	644	644	644	644	643	642	641	641	641	642	642	642	643	643	643	643	643	644
9	643	643	643	643	643	643	643	642	642	642	642	641	640	638	638	637	637	637	637	637	636	636	636	636	640	643
10	636	636	636	636	636	637	637	637	637	638	637	637	635	634	634	633	633	633	634	634	634	634	634	633	635	638
11	633	633	633	632	632	631	631	630	630	630	629	628	627	626	624	624	624	625	625	625	626	626	626	626	628	633
12	626	627	627	627	627	627	627	628	629	629	629	629	628	628	628	628	627	628	629	629	629	630	630	630	628	630
13	630	630	630	631	631	631	632	633	633	634	634	633	632	632	631	631	632	632	633	633	633	633	634	634	632	634
14	634	634	634	634	634	634	634	634	634	634	633	632	631	629	628	628	628	625	628	628	628	628	629	629	631	634
15	629	629	626	629	629	629	630	630	631	631	630	629	628	628	628	627	627	628	629	630	630	631	631	631	629	631
16	631	631	632	632	632	632	632	633	633	634	634	633	632	631	630	629	629	630	630	630	630	630	630	630	631	634
17	629	629	629	629	628	628	628	627	627	628	627	626	625	624	621	623	623	623	623	624	624	624	624	624	626	629
18	624	624	624	624	623	623	623	624	624	625	625	624	624	623	623	622	622	623	623	623	624	624	624	625	624	625
19	625	625	625	625	625	625	625	626	626	626	626	625	624	623	622	622	622	622	623	623	623	624	625	625	624	626
20	625	626	626	626	626	626	626	626	627	627	626	625	625	624	624	624	624	625	625	625	625	624	624	623	625	627
21	622	622	621	621	620	620	619	619	619	619	620	620	620	620	620	619	619	619	619	620	620	620	621	621	620	622
22	621	622	623	623	624	624	625	626	627	628	628	628	628	628	628	628	629	630	631	632	633	633	633	630	628	633
23	634	634	634	634	634	634	634	634	634	634	635	634	633	632	632	632	632	632	633	634	634	635	635	635	634	635
24	635	635	636	636	636	636	635	635	632	635	635	635	634	633	632	632	632	632	633	633	634	634	635	635	634	636
25	635	635	636	636	636	637	637	637	638	638	638	638	637	636	635	635	634	634	634	634	634	635	634	634	636	638
26	634	634	634	633	633	633	629	632	632	632	631	629	628	627	626	625	624	624	624	624	624	623	623	623	628	634
27	623	623	623	626	626	628	629	630	631	632	633	632	632	632	631	631	632	632	632	633	633	633	633	633	630	633
28	633	632	632	632	632	631	631	630	630	630	629	628	627	626	625	624	625	625	625	625	625	625	625	625	628	633
29	625	625	625	626	626	626	626	627	627	628	628	628	628	627	627	627	628	629	630	630	631	631	632	632	628	632
30	632	633	633	633	634	634	634	635	635	635	636	635	635	634	634	634	634	634	634	635	635	635	635	635	634	636
31	635	635	635	635	634	634	634	634	633	632	632	631	629	627	627	627	627	627	627	628	628	629	629	629	631	635
AV	630	630	630	630	630	630	630	630	631	631	631	630	629	629	628	628	628	628	629	629	629	630	630	630	630	644
SD	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	[ ]

WHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC:26]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	629	629	630	630	630	631	631	632	632	633	633	632	631	630	630	630	630	630	630	631	631	632	632	633	631	633
2	632	632	632	632	633	633	633	633	634	634	634	633	632	631	630	630	630	629	629	629	629	629	629	629	631	634
3	628	628	628	627	627	626	626	626	626	626	626	625	624	624	623	624	624	625	626	627	627	627	628	629	626	629
4	629	629	629	629	629	629	629	629	630	630	630	630	630	629	629	630	630	630	631	631	632	632	633	633	630	633
5	634	634	635	635	636	637	637	638	638	639	639	639	638	637	637	637	637	638	638	639	640	641	641	642	638	642
6	642	642	642	643	643	643	643	643	643	643	643	642	641	640	639	638	638	637	637	637	637	637	637	637	640	643
7	636	636	636	635	635	635	635	634	634	634	633	632	631	630	629	629	628	628	628	629	629	629	629	629	632	636
8	629	628	628	628	628	627	627	627	628	629	629	628	627	626	626	626	627	628	629	630	631	631	631	632	628	632
9	632	632	632	632	632	632	632	632	632	632	631	630	629	628	628	627	626	626	627	627	626	627	627	627	629	632
10	627	627	627	628	628	628	628	629	630	630	630	630	629	629	628	628	629	628	629	629	629	630	630	630	629	630
11	630	630	629	629	629	629	629	630	630	630	[PF]	630	630	630	630	630	630	631	632	633	634	635	635	636	631	636
12	637	637	638	638	638	639	640	640	641	641	640	640	639	638	637	637	637	637	637	637	638	638	638	638	638	641
13	638	638	638	638	637	637	637	637	638	637	637	635	634	633	632	631	631	631	631	630	630	630	630	630	634	638
14	630	630	629	629	629	629	628	628	628	628	628	628	627	626	625	624	625	626	626	627	627	627	628	628	628	630
15	628	629	629	630	630	630	630	631	631	631	631	631	630	629	629	629	630	630	631	631	631	632	632	632	630	632
16	632	632	632	631	631	631	631	631	631	631	630	630	630	629	630	630	630	630	631	631	632	632	632	632	631	632
17	632	632	632	632	632	632	632	633	633	633	633	632	631	631	630	630	629	629	629	630	630	630	631	631	631	633
18	631	631	632	632	632	633	633	634	634	634	634	634	634	634	634	633	633	634	634	634	635	635	636	636	634	636
19	636	636	636	636	636	637	637	637	637	637	637	636	635	635	635	634	634	634	635	635	635	636	636	636	636	637
20	637	637	637	637	637	638	638	639	639	639	638	638	637	637	636	635	635	635	635	636	636	637	637	637	637	639
21	638	637	638	638	638	638	638	638	639	638	637	637	636	635	634	633	632	632	632	632	633	633	633	633	636	639
22	633	633	633	633	632	632	632	632	632	632	632	631	629	628	628	627	627	626	626	627	627	627	627	627	630	633
23	627	627	627	627	627	627	628	628	628	628	628	628	627	627	627	627	627	628	629	629	630	631	631	631	628	631
24	632	632	632	632	632	633	633	634	634	634	634	633	633	632	631	631	631	631	631	631	632	632	632	632	632	634
25	632	633	633	633	633	633	633	634	634	634	634	633	633	632	631	631	630	630	631	631	632	632	633	633	632	634
26	633	633	633	634	634	634	634	634	634	634	634	633	632	631	630	629	629	629	630	630	631	631	631	631	632	634
27	631	631	632	632	632	632	632	632	632	633	632	632	631	630	630	630	630	630	631	631	632	633	633	633	632	633
28	634	634	635	635	636	636	636	637	637	638	638	637	636	636	635	635	634	634	634	635	635	636	636	636	636	638
AV	632	632	633	633	633	633	633	633	634	634	634	633	632	631	631	631	630	631	631	631	632	632	632	633	632	643
SD	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	[ ]

QHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC:26]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 14/APR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	636	636	636	636	636	635	635	635	635	635	634	633	632	631	631	630	629	629	629	629	629	629	628	628	632	636
2	628	627	627	627	627	627	627	627	627	626	626	625	624	624	623	622	623	623	624	624	624	624	625	625	625	628
3	625	625	625	624	625	625	625	625	626	626	626	625	625	625	624	623	623	623	624	625	626	626	626	626	625	626
4	626	627	627	627	627	627	627	627	628	628	627	627	626	626	625	625	625	626	626	627	627	628	628	628	627	628
5	628	629	629	629	629	630	630	631	632	632	632	631	631	630	630	630	630	630	630	631	632	632	633	633	631	633
6	633	633	634	634	634	634	635	635	635	635	635	634	634	633	632	632	631	631	631	631	632	632	632	632	633	635
7	632	632	632	632	632	632	632	632	632	632	631	631	630	629	628	627	627	627	627	628	628	629	629	629	630	632
8	629	630	630	630	630	630	631	631	631	632	631	631	631	630	629	628	628	628	629	630	630	631	631	631	630	632
9	631	632	632	632	633	633	634	634	634	634	634	633	633	632	631	631	631	630	631	631	631	631	632	631	632	634
10	631	631	631	631	631	631	631	631	631	631	631	630	629	628	628	627	627	627	628	628	629	629	629	629	630	631
11	629	629	629	628	628	628	628	628	628	627	626	624	624	623	622	621	620	620	620	620	619	619	619	619	624	629
12	618	619	619	621	621	623	623	624	625	625	626	626	626	626	626	626	626	627	627	628	629	629	630	630	625	630
13	631	631	631	631	631	631	632	632	632	632	631	630	629	628	627	626	625	625	625	625	626	626	626	627	629	632
14	626	627	626	626	626	627	627	627	627	626	626	625	624	623	622	621	621	620	620	620	620	620	620	620	624	627
15	619	619	619	619	619	619	619	619	619	619	619	619	619	618	619	619	620	620	620	621	622	623	623	623	620	623
16	624	624	624	624	624	624	624	624	623	623	623	622	622	621	621	621	621	621	621	622	623	623	623	624	623	624
17	624	624	625	625	626	626	627	628	628	627	627	627	626	626	625	625	625	625	625	625	625	625	625	625	626	628
18	625	625	625	625	625	625	625	625	625	624	622	621	620	619	618	617	617	617	619	621	622	623	623	624	622	625
19	625	626	626	627	627	627	627	628	628	627	627	626	626	625	625	626	626	627	627	628	628	628	629	629	627	629
20	629	629	630	630	630	630	630	631	631	631	630	630	630	629	629	629	629	629	629	630	631	631	631	631	630	631
21	632	632	632	632	632	633	633	633	633	633	633	632	632	631	630	630	630	630	631	631	632	632	633	633	632	633
22	633	634	633	633	634	634	634	634	634	634	633	632	631	630	630	629	629	629	629	629	630	630	630	631	632	634
23	631	631	631	631	631	631	631	631	631	631	630	629	629	628	627	626	626	626	626	626	626	627	627	627	629	631
24	628	628	628	628	628	628	628	629	629	628	628	627	627	626	625	625	625	625	626	627	628	629	630	630	628	630
25	631	631	632	632	633	633	634	634	634	634	633	632	631	630	629	628	627	627	627	627	628	628	628	628	630	634
26	627	627	627	627	626	626	626	627	626	626	626	625	625	624	624	624	623	623	624	624	625	625	626	626	625	627
27	626	627	627	627	628	628	629	629	630	630	629	629	628	628	627	627	627	627	627	628	628	629	629	629	628	630
28	629	629	628	628	628	628	628	628	627	627	626	625	624	623	621	620	620	619	619	619	619	618	618	618	624	629
29	618	617	617	616	616	616	616	617	617	617	617	617	616	617	618	619	620	620	620	621	622	622	623	623	618	623
30	623	623	622	622	622	622	622	623	624	625	625	626	626	627	627	627	628	628	629	630	630	631	631	631	626	631
31	631	631	631	631	631	631	632	632	631	631	630	629	629	628	627	627	626	626	626	626	626	626	626	626	629	632
AV	628	628	628	628	628	628	628	629	629	629	628	628	627	626	626	625	625	625	626	626	627	627	627	627	627	636
SD	4	4	5	5	5	4	5	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	[ ]

QHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC126]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	626	625	625	624	624	623	624	624	623	623	623	622	621	620	619	618	618	617	617	616	617	616	617	617	621	626
2	617	619	619	621	622	624	626	627	627	628	628	628	628	628	627	627	627	627	627	628	629	630	630	630	626	630
3	630	630	629	629	629	630	630	630	630	629	629	628	627	626	625	624	624	624	624	624	624	624	624	624	627	630
4	625	625	624	624	624	624	624	624	624	623	622	621	621	620	620	621	623	625	626	628	630	631	631	632	625	632
5	632	632	632	633	633	633	634	634	634	633	633	632	631	629	628	627	627	627	627	626	627	627	626	626	630	634
6	626	626	626	626	625	625	626	626	625	625	624	622	621	621	620	619	618	618	618	618	619	620	620	620	622	626
7	620	621	619	621	621	622	624	625	625	625	625	625	626	627	627	626	627	627	628	628	629	629	629	630	625	630
8	630	630	630	630	631	631	631	632	632	631	631	631	630	629	629	629	628	628	628	629	630	630	630	630	630	632
9	631	631	631	631	631	632	632	632	632	632	631	630	630	629	629	628	629	630	631	632	633	633	634	634	631	634
10	634	635	635	635	635	635	636	636	636	635	635	634	633	632	631	630	629	629	630	630	631	631	631	631	633	636
11	631	631	631	631	631	631	631	631	630	630	629	628	627	626	626	626	625	625	625	625	624	624	624	624	626	631
12	624	624	625	626	626	626	627	627	627	627	627	627	627	627	627	627	627	628	628	628	629	629	629	630	627	630
13	630	630	630	630	630	631	631	631	631	630	629	628	627	627	626	625	625	625	625	625	626	626	626	626	628	631
14	625	625	625	625	625	626	626	626	626	625	624	623	623	622	622	622	622	622	622	622	622	623	623	623	624	626
15	623	622	622	623	623	624	624	625	625	624	623	622	622	622	623	623	623	624	624	625	626	627	628	628	624	628
16	629	630	630	631	631	632	633	633	633	634	634	633	633	632	632	632	632	632	632	632	633	634	634	634	632	634
17	635	635	635	635	636	636	636	636	636	635	634	633	632	631	630	629	628	628	628	628	629	630	630	630	632	636
18	630	630	630	630	630	630	631	631	631	630	629	628	627	627	627	627	628	628	628	629	631	631	632	633	630	633
19	634	634	634	635	635	635	636	636	636	635	635	634	634	633	633	633	633	634	635	635	636	636	637	637	635	637
20	638	638	638	638	639	639	639	639	639	639	638	638	637	637	636	636	636	636	636	637	637	638	638	638	638	639
21	638	638	638	638	638	639	639	640	639	639	639	638	637	637	636	635	635	635	635	635	636	636	636	637	637	640
22	637	637	637	637	638	638	638	638	638	637	636	635	634	633	632	632	631	631	631	631	631	632	633	633	635	638
23	633	633	634	634	634	634	634	634	634	634	633	632	630	629	628	627	626	626	626	626	627	627	627	628	630	634
24	628	628	628	628	628	628	628	629	628	628	627	627	626	626	626	625	625	625	625	625	626	627	627	628	627	629
25	628	628	628	629	629	629	630	630	630	630	629	628	627	627	627	626	626	626	626	627	627	628	628	628	628	630
26	629	629	629	629	630	630	630	630	630	630	630	630	629	628	628	629	629	629	629	629	630	630	630	630	629	630
27	630	630	630	630	630	631	631	631	631	631	631	630	630	629	628	628	628	629	629	629	630	631	631	632	630	632
28	632	632	632	633	633	633	634	634	633	633	632	630	629	628	627	626	626	625	625	625	625	625	625	625	629	634
29	624	624	624	625	626	627	629	630	629	629	629	630	630	630	629	629	629	629	629	630	630	630	630	631	628	631
30	631	631	631	632	632	632	633	634	633	633	632	631	630	630	629	628	628	628	628	628	629	629	629	630	630	634
AV	629	629	629	630	630	630	631	631	631	631	630	629	629	628	628	627	627	627	627	628	628	629	629	629	629	640
SD	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	[ ]

GHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC:26]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	629	630	630	631	631	631	632	632	632	631	631	630	629	629	628	628	622	627	628	629	629	630	630	630	630	632
2	630	630	630	630	631	631	631	632	631	631	630	629	629	629	629	628	628	628	628	628	628	628	629	629	629	632
3	629	630	630	630	630	630	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	627	627	630	629	629	629	629	629	629	630
4	629	629	629	630	630	630	630	630	630	629	629	628	628	627	627	626	625	626	626	626	627	628	629	629	628	630
5	629	630	630	631	631	631	632	633	633	633	633	633	632	632	631	631	630	630	630	630	630	631	632	632	631	633
6	632	633	633	633	633	633	634	634	633	633	632	632	631	630	630	629	629	629	629	629	629	630	630	630	631	634
7	631	631	631	631	631	631	631	631	630	630	629	628	627	627	627	626	626	625	625	625	626	626	626	626	628	631
8	626	626	626	626	626	626	626	626	625	625	624	623	622	621	621	620	620	620	620	620	621	621	621	621	623	626
9	621	621	621	621	621	621	621	621	621	621	620	620	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	622	623	623	621	623
10	623	624	624	624	624	624	625	625	625	625	624	624	624	623	623	623	624	624	624	625	625	626	626	626	624	626
11	627	627	627	627	627	627	628	628	627	627	626	626	626	625	625	625	624	624	625	625	626	626	626	626	626	628
12	626	626	626	625	625	625	626	626	625	625	625	624	624	623	624	624	623	623	623	624	625	625	625	625	625	626
13	625	625	626	626	626	627	627	628	627	627	627	627	627	628	627	628	628	629	629	630	630	631	631	631	628	631
14	631	631	632	632	632	632	632	633	632	632	631	630	629	629	628	628	628	628	628	628	628	629	629	629	630	633
15	629	629	629	629	629	630	630	630	630	629	629	628	627	627	627	627	627	627	627	628	628	629	629	629	628	630
16	629	629	629	629	630	630	631	631	630	630	629	629	628	628	628	628	628	628	629	629	630	630	630	630	629	631
17	630	630	630	630	631	631	631	631	631	630	629	628	628	627	627	626	625	625	625	625	626	626	626	626	628	631
18	626	626	626	626	626	626	626	626	626	625	624	624	623	623	622	622	622	622	623	623	624	625	625	625	624	626
19	625	625	626	625	625	625	626	627	626	627	626	626	626	626	627	627	627	628	628	628	629	630	631	632	627	632
20	632	632	632	632	632	633	633	633	633	633	632	632	632	631	631	630	630	630	630	630	630	631	631	632	632	633
21	632	632	632	632	633	633	633	633	633	632	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	633	633
22	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
23	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
24	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
25	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	626	625	624	623	623	622	622	622	623	623	624	624	623	626
26	625	625	625	625	625	625	626	626	626	625	625	624	625	624	622	621	621	621	621	621	621	622	622	622	624	626
27	623	623	623	623	624	624	624	624	624	624	623	622	622	622	621	620	620	619	619	620	620	620	621	621	622	624
28	621	621	622	623	624	626	627	627	627	627	626	626	627	625	625	625	625	625	626	626	627	628	628	628	626	628
29	628	628	628	628	628	628	628	628	628	627	626	625	624	624	623	623	622	622	622	623	624	624	624	624	625	628
30	624	624	625	625	626	626	627	627	627	627	627	627	628	629	629	629	629	629	630	630	631	631	632	632	628	632
31	632	633	633	633	634	634	634	634	634	633	632	631	630	629	628	628	627	626	626	626	626	626	626	625	630	634
AV	628	628	628	628	628	629	629	629	629	628	628	627	627	627	626	626	625	626	626	626	627	627	627	627	627	634
SD	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	[ ]

GHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC126]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	625	624	624	624	624	624	624	624	624	623	622	621	621	621	622	623	623	623	623	624	625	625	626	626	624	626
2	626	626	626	627	627	628	628	628	628	627	626	626	626	625	624	624	623	623	624	625	625	626	626	626	626	626
3	627	626	626	627	627	628	628	629	629	629	629	628	628	627	627	626	626	626	626	626	626	627	627	627	627	629
4	628	627	627	627	627	627	627	627	626	625	624	624	623	622	622	622	622	622	621	622	622	623	623	623	624	628
5	624	624	624	623	624	623	624	623	623	622	621	620	620	619	619	618	618	619	622	623	625	627	628	628	623	628
6	629	629	630	630	630	631	631	631	631	630	630	629	629	628	627	627	627	627	627	628	628	629	629	629	629	631
7	629	629	629	629	629	630	630	630	629	620	627	627	626	625	625	625	625	625	625	625	626	626	627	627	627	630
8	627	627	628	628	629	630	630	631	630	630	630	629	628	628	628	628	628	628	629	630	630	632	632	633	629	633
9	633	633	633	633	634	634	634	634	634	633	633	632	632	631	631	630	630	630	629	630	630	631	631	632	632	634
10	632	632	632	633	633	633	634	634	633	632	632	631	629	628	627	627	627	627	627	627	628	629	629	629	630	634
11	629	630	630	631	631	632	632	632	632	631	630	629	629	628	627	627	626	626	626	626	627	627	627	628	629	632
12	628	627	627	627	628	628	628	629	628	628	627	627	626	625	625	624	624	624	624	624	625	625	625	626	626	629
13	625	625	626	626	626	626	627	627	627	626	626	625	625	625	624	624	624	624	624	624	624	625	625	625	625	627
14	626	626	626	627	627	627	628	628	627	628	626	625	624	624	625	625	625	625	626	627	627	628	628	628	626	628
15	628	628	629	629	629	630	630	631	631	631	631	630	630	629	629	628	628	628	628	628	629	629	629	630	629	631
16	630	630	630	630	631	631	632	632	631	631	630	629	629	628	627	627	626	626	626	626	627	627	628	628	629	632
17	629	629	628	628	629	629	629	629	629	629	628	627	627	626	625	625	625	625	625	625	626	627	627	628	627	629
18	628	628	628	628	628	629	630	630	631	631	631	630	630	629	628	628	628	628	628	629	629	630	630	631	629	631
19	631	630	630	631	631	632	632	632	632	631	631	630	629	629	629	628	628	628	628	629	629	630	630	630	630	632
20	630	630	631	631	631	632	632	632	631	630	630	629	628	628	627	627	627	626	626	627	627	628	628	629	629	632
21	629	629	629	629	629	630	630	631	631	631	630	629	629	628	627	627	626	626	627	628	629	630	630	630	629	631
22	630	631	630	630	630	631	631	631	631	630	630	629	629	628	628	628	628	628	629	629	630	630	630	630	630	631
23	630	631	631	631	631	632	632	632	632	631	630	629	629	629	629	629	629	630	630	630	631	631	631	631	630	632
24	631	631	631	632	632	632	632	632	632	631	630	630	629	628	628	627	627	627	627	627	628	628	628	628	630	632
25	629	628	629	629	629	629	630	629	630	629	629	629	629	629	628	628	630	631	630	631	631	631	632	632	630	632
26	632	632	632	633	633	634	634	634	633	632	631	631	630	630	629	629	628	628	628	629	629	630	630	630	631	634
27	630	630	630	631	631	631	632	631	631	630	629	628	628	627	626	626	625	625	625	625	625	626	626	626	628	632
28	626	626	626	627	627	627	628	627	627	626	626	626	625	625	624	624	623	623	623	624	624	624	625	625	625	628
29	626	626	626	626	627	627	627	628	627	627	627	626	626	625	625	625	624	624	624	624	624	625	626	626	626	628
30	626	626	626	626	627	627	628	629	628	628	627	627	626	625	625	626	626	625	625	625	625	626	626	626	626	629
AV	628	628	628	629	629	629	630	630	630	629	628	628	627	627	626	626	626	626	626	627	627	628	628	628	628	634
SD	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	2	2	2	2	2	3	[1

QHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC:26]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	627	627	627	627	627	628	628	628	628	627	627	627	627	626	626	626	626	626	626	626	627	628	628	629	627	629
2	629	629	630	630	631	631	632	632	632	631	631	630	629	629	628	628	628	628	628	628	629	629	629	630	630	632
3	630	631	630	631	631	631	632	632	631	631	630	629	628	628	627	627	627	626	626	626	627	627	627	628	629	632
4	628	628	628	628	628	628	629	628	628	627	627	626	625	624	624	623	623	623	623	624	625	626	626	626	626	629
5	626	626	626	627	627	627	627	627	627	627	627	626	626	626	627	627	627	627	629	629	629	630	631	631	627	631
6	631	632	632	633	633	634	634	634	634	634	633	633	632	631	631	631	630	630	630	630	630	631	631	631	632	634
7	632	632	632	632	632	633	633	633	633	632	631	631	630	629	629	628	628	627	627	627	628	628	629	629	630	633
8	630	630	630	630	631	631	631	632	632	631	631	628	628	628	628	627	627	628	630	631	630	631	631	632	630	632
9	631	631	631	631	631	631	632	632	632	632	632	631	631	631	630	630	629	629	629	629	630	631	632	632	631	632
10	632	633	632	633	633	633	634	634	634	633	633	633	632	632	631	630	630	630	630	630	631	631	632	632	632	634
11	632	633	633	633	633	634	634	634	634	633	633	632	631	631	630	629	629	630	631	630	631	631	631	632	632	634
12	632	632	632	632	633	633	634	634	634	634	633	632	631	630	629	629	629	628	629	629	629	630	630	631	631	634
13	631	631	631	631	632	632	632	632	632	631	631	630	630	629	629	628	628	627	627	627	627	627	628	628	630	632
14	628	628	628	628	629	629	630	630	630	629	628	628	627	627	626	625	625	625	625	625	625	626	626	627	627	630
15	627	627	627	627	628	629	629	629	628	627	626	626	625	625	624	624	623	623	623	623	624	625	625	626	626	629
16	626	627	627	627	628	629	629	629	629	629	628	627	627	626	625	625	625	624	625	625	625	626	627	627	627	629
17	628	628	628	629	629	630	629	629	629	629	629	628	628	627	627	626	626	626	626	626	627	628	628	629	628	630
18	630	630	630	630	631	631	632	632	632	631	631	630	629	629	628	627	627	627	627	627	628	629	630	630	630	632
19	631	631	631	632	632	633	633	634	633	632	632	631	630	629	628	627	627	627	627	627	628	629	629	629	630	634
20	630	[PF]	631	630	631	631	631	632	632	632	631	631	630	629	629	628	628	627	627	627	628	629	629	630	630	632
21	630	630	631	631	632	632	633	633	633	633	632	632	631	630	630	629	629	629	629	630	631	632	632	633	631	633
22	633	632	632	633	633	633	633	633	633	633	633	632	632	631	630	630	629	629	629	629	629	630	630	631	631	633
23	631	631	632	632	632	632	633	633	633	632	632	631	631	630	629	629	628	628	628	628	630	631	632	632	631	633
24	631	632	632	632	632	632	633	632	632	631	631	631	630	629	629	628	628	628	630	630	630	630	631	631	631	633
25	631	632	632	632	632	633	633	633	633	632	632	631	630	629	628	628	628	627	628	630	631	632	632	633	631	633
26	634	633	633	633	633	634	634	634	634	633	632	632	631	631	630	630	630	630	630	631	631	633	635	635	632	635
27	635	634	634	635	635	635	635	635	635	634	634	633	633	633	632	632	632	632	632	632	632	633	633	633	633	635
28	634	633	633	633	633	633	633	633	634	634	633	633	632	631	631	632	632	631	631	631	631	632	632	632	632	634
29	633	632	632	632	632	632	632	633	633	633	632	632	632	632	631	631	631	631	631	631	632	633	633	633	632	633
30	634	633	633	633	633	634	634	634	634	634	634	633	633	632	632	631	631	630	630	631	631	632	632	633	633	634
31	633	633	633	634	634	634	635	635	634	634	633	633	632	631	631	630	630	630	629	629	630	630	630	631	632	635
AV	631	631	631	631	631	632	632	632	632	631	631	630	630	629	629	628	628	628	628	628	629	630	630	631	630	635
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	[ ]

QHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC:26]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	631	631	631	631	631	631	631	631	631	630	629	628	628	627	626	625	625	624	624	625	625	626	627	628	628	631
2	628	628	629	628	628	629	629	629	629	628	628	627	627	626	626	626	627	628	628	629	629	629	629	629	628	629
3	629	629	629	629	629	629	630	630	630	630	630	629	628	628	628	627	627	627	627	627	628	629	629	629	629	630
4	629	630	630	630	631	631	631	632	632	631	631	630	630	630	629	629	628	628	628	629	629	630	631	631	630	632
5	632	632	632	633	633	633	634	635	635	634	634	633	633	632	632	631	631	631	631	631	631	632	632	633	633	635
6	633	633	634	634	634	635	635	635	635	635	634	633	633	632	632	631	630	630	630	631	631	632	632	632	633	635
7	633	633	633	633	634	634	634	635	634	634	633	633	632	632	631	631	631	631	631	631	631	632	633	633	633	635
8	633	633	634	634	634	634	635	635	635	635	634	634	633	632	631	631	631	631	632	633	634	633	633	633	633	635
9	633	633	633	633	633	633	633	634	633	633	632	631	631	630	629	630	629	629	629	629	629	630	630	630	631	634
10	630	630	630	630	631	631	632	632	632	632	631	630	629	629	628	627	627	627	627	627	627	628	628	629	629	632
11	629	629	630	630	631	631	632	632	632	632	631	630	629	628	629	631	631	630	629	629	629	630	630	630	630	632
12	630	630	630	631	631	631	632	632	632	632	631	631	630	630	629	628	628	628	629	629	629	630	630	630	630	632
13	630	630	630	630	630	630	631	631	632	632	632	632	631	631	631	631	631	630	630	630	630	631	631	631	631	632
14	631	631	631	631	631	631	632	632	632	632	632	631	631	630	630	629	629	629	629	630	631	631	632	632	631	632
15	632	632	632	632	632	632	633	633	633	633	633	632	632	631	631	631	631	630	630	631	631	631	632	632	632	633
16	633	633	633	633	633	633	634	634	634	634	634	633	633	632	632	633	633	633	633	633	634	634	634	634	633	634
17	634	634	634	634	634	634	635	635	635	635	634	633	632	632	632	631	631	630	630	631	632	632	633	632	633	635
18	632	632	633	634	633	633	633	633	633	633	633	632	631	631	630	629	629	629	629	630	630	631	632	632	632	634
19	632	632	632	632	633	633	633	634	634	633	633	633	632	632	631	631	630	630	630	631	631	632	633	633	632	634
20	633	633	634	634	634	635	635	636	636	636	636	635	634	633	633	632	631	631	631	632	633	634	635	635	634	636
21	634	634	634	635	635	635	635	636	636	635	635	634	633	632	632	631	631	631	632	632	632	633	633	633	633	636
22	633	633	633	633	633	633	633	633	633	633	632	631	630	629	628	629	629	629	629	629	630	630	630	630	631	633
23	630	630	630	630	631	631	631	631	631	631	630	629	628	628	627	626	626	626	626	627	628	628	628	629	629	631
24	629	629	630	630	631	631	632	632	632	632	632	631	631	630	630	629	629	629	629	629	630	630	631	631	630	632
25	631	631	631	631	631	631	632	632	632	631	631	631	630	630	629	629	628	628	629	629	629	630	630	630	630	632
26	630	630	630	630	630	631	631	632	632	631	631	630	630	629	628	627	628	628	629	629	630	630	631	631	630	632
27	631	631	631	632	632	632	632	632	632	632	632	631	631	630	630	629	629	629	629	630	630	631	631	632	631	632
28	632	632	632	632	632	632	632	632	632	632	632	631	631	631	631	630	630	629	629	631	632	632	632	632	631	632
29	633	634	633	633	633	633	633	633	633	633	633	632	632	631	630	629	629	629	629	629	630	631	631	631	632	634
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31	631	632	631	632	632	632	633	633	633	633	632	632	631	631	630	630	630	630	630	630	631	632	632	632	631	633
AV	631	631	632	632	632	632	633	633	633	633	632	631	631	630	630	629	629	629	629	630	630	631	631	631	631	636
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	[ ]

BAROMETRIC PRESSURE [CC:26]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	633	633	633	634	634	635	635	635	635	635	634	634	634	633	633	632	632	631	632	632	633	633	634	634	633	635
2	635	635	635	635	635	636	636	637	637	636	636	635	634	634	633	633	632	632	632	632	633	633	633	633	634	637
3	633	634	634	634	634	634	635	635	635	635	634	633	632	631	630	630	629	629	629	629	630	630	631	631	632	635
4	631	631	631	631	632	632	632	632	632	632	632	631	630	630	629	629	630	631	630	631	632	632	633	633	631	633
5	633	633	633	633	633	633	634	634	634	634	634	633	632	632	632	634	633	633	633	633	634	634	634	634	633	634
6	635	635	635	635	635	635	636	636	636	636	635	635	633	632	632	632	632	633	633	633	634	634	634	634	634	636
7	633	634	633	633	633	634	634	635	635	635	634	634	634	633	632	631	631	631	632	632	633	633	633	633	633	635
8	633	633	633	633	633	633	634	634	633	633	632	632	631	630	629	629	629	629	629	629	630	630	631	631	631	634
9	631	631	631	631	631	631	632	632	632	631	631	630	629	628	627	627	627	627	627	627	628	628	628	628	629	632
10	627	627	627	627	626	626	626	626	626	625	625	625	624	623	622	622	623	623	624	624	625	625	626	626	625	627
11	625	625	626	626	626	626	626	627	627	627	627	627	627	627	627	627	627	626	626	627	627	627	627	627	627	627
12	627	627	627	627	627	628	628	628	627	627	626	626	625	625	625	625	624	625	625	626	627	627	627	627	626	628
13	626	627	626	626	626	626	626	625	625	625	625	625	625	625	625	626	626	626	627	628	628	629	629	629	626	629
14	630	630	630	631	631	632	632	633	633	633	633	632	632	632	631	632	632	632	632	632	633	633	632	632	632	633
15	632	632	632	632	632	632	632	632	632	632	631	631	630	629	628	628	628	627	627	627	628	628	628	628	630	632
16	628	628	628	628	628	629	629	630	630	630	629	629	628	627	627	627	628	628	628	628	628	628	628	628	628	630
17	628	629	629	629	630	630	631	632	632	632	632	631	631	630	630	630	630	630	630	630	631	631	631	632	630	632
18	632	632	632	632	633	633	633	634	634	633	632	631	631	629	629	629	628	628	629	629	630	630	630	631	631	634
19	630	630	630	630	631	631	631	631	631	631	632	631	630	630	629	629	629	628	628	629	629	631	631	631	630	632
20	631	631	631	631	632	632	633	634	633	633	633	632	632	631	630	630	630	629	629	629	630	631	631	631	631	634
21	632	632	633	633	633	634	634	635	634	634	633	632	631	631	630	630	629	630	630	630	631	631	631	631	632	635
22	632	632	632	632	632	632	633	633	633	633	632	631	630	630	629	629	629	629	629	629	630	630	630	630	631	633
23	631	631	631	631	631	632	632	633	633	632	632	632	632	631	630	630	629	629	629	630	631	631	631	632	631	633
24	632	632	632	632	633	633	634	635	634	634	634	632	632	632	631	631	630	630	630	631	631	631	631	631	632	635
25	631	631	631	631	631	631	631	632	632	632	632	631	631	630	630	630	630	630	630	629	629	629	628	628	630	632
26	628	627	627	626	626	626	625	625	625	624	624	623	621	620	619	618	618	618	617	617	617	618	619	619	622	628
27	619	619	619	619	619	619	619	619	619	619	619	618	618	618	618	618	619	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	619	619
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
AV	630	630	630	630	631	631	631	632	631	631	631	630	630	629	628	628	628	629	629	629	630	630	630	630	630	637
SD	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	4	[ ]

QHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC:26]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	627	627	628	628	628	629	629	630	630	630	629	629	628	628	628	628	628	629	630	630	631	631	631	631	629	631
2	632	632	632	633	633	634	634	634	634	634	634	633	633	632	631	631	631	630	630	630	631	631	632	631	632	634
3	631	631	631	631	631	631	631	632	631	631	630	629	628	627	626	626	626	626	626	627	627	627	628	628	629	632
4	628	628	629	629	629	629	629	629	629	628	627	626	625	624	623	622	622	622	621	622	622	622	622	622	625	629
5	622	623	624	624	624	625	626	626	627	628	628	629	629	629	629	630	630	630	630	631	631	632	632	632	628	632
6	633	633	633	634	634	634	634	635	635	635	634	633	632	631	630	629	629	629	629	629	629	629	629	629	632	635
7	629	629	628	628	628	628	628	628	627	626	626	625	624	623	622	622	622	622	622	624	625	626	626	627	626	629
8	628	628	628	628	628	629	629	630	630	630	630	630	630	629	629	629	629	630	631	632	632	633	633	633	630	633
9	633	633	633	633	634	635	635	635	635	635	635	635	634	634	634	634	634	635	635	636	636	637	636	636	635	637
10	637	637	637	637	637	637	637	637	637	637	637	636	635	634	633	633	633	633	633	633	633	633	633	634	635	637
11	634	633	633	633	633	634	634	634	634	634	633	632	632	631	630	630	630	631	631	631	632	633	633	633	632	634
12	633	633	633	633	634	634	635	635	636	636	635	635	634	633	633	633	632	632	633	634	634	634	635	634	634	636
13	635	635	635	635	635	635	635	636	636	636	636	635	634	634	634	633	633	633	634	634	634	634	635	635	635	636
14	635	636	636	636	636	636	637	637	637	637	636	636	635	635	634	634	634	634	634	634	635	635	635	636	635	637
15	636	636	636	636	636	637	637	637	638	638	637	636	636	634	634	634	633	633	634	634	634	635	635	635	635	638
16	635	635	635	635	635	635	636	636	635	635	635	634	633	632	631	631	631	631	631	632	632	633	633	633	634	636
17	633	633	633	633	633	633	633	633	633	632	631	630	628	627	626	626	626	626	627	627	627	627	628	628	630	633
18	628	628	628	628	628	628	628	629	629	629	628	627	627	626	625	625	625	626	626	627	629	630	632	633	628	633
19	634	635	636	636	636	637	637	638	639	638	638	638	637	637	636	636	636	636	636	636	636	636	637	637	637	639
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23	636	636	636	636	636	636	636	636	636	636	635	635	634	633	633	633	632	632	632	633	633	633	633	634	634	636
24	634	634	634	634	634	634	634	634	635	634	634	633	632	631	630	630	630	630	631	631	631	631	631	631	632	635
25	631	631	631	631	630	630	630	630	630	630	630	630	629	629	629	629	628	629	629	629	630	630	630	630	630	631
26	629	630	629	629	629	629	629	629	628	628	628	627	626	626	625	625	624	623	623	623	624	624	624	624	626	630
27	625	625	625	625	626	626	626	628	628	629	629	629	629	629	629	629	630	630	631	631	632	632	632	633	629	633
28	633	633	633	633	634	634	634	634	634	633	633	633	633	632	631	631	630	630	631	631	631	631	631	632	632	634
29	631	631	630	630	630	630	630	630	630	630	629	629	628	627	627	627	627	627	627	627	627	627	627	627	629	631
30	627	627	627	626	626	626	626	627	626	626	626	626	626	626	626	626	626	626	626	626	627	627	627	627	626	627
31	627	627	627	627	627	627	628	628	628	629	629	629	629	629	629	629	628	628	629	629	629	630	630	630	628	630
AV	632	632	632	632	632	632	632	633	633	633	632	632	631	631	630	630	630	630	630	630	631	631	631	632	631	639
SD	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	[ ]

UHOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC126]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	630	630	630	631	631	631	631	632	632	632	632	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	631	632
2	631	632	632	632	633	633	633	634	635	636	636	636	636	636	636	635	635	635	636	636	636	637	637	638	635	638
3	638	638	638	638	638	638	639	639	639	639	638	638	637	637	636	635	635	635	635	636	636	636	636	636	637	639
4	636	636	636	636	636	636	636	636	636	636	636	635	634	633	633	632	632	632	633	633	633	633	633	633	634	636
5	633	634	633	633	634	634	634	634	634	634	634	633	633	632	631	631	631	631	631	631	632	632	632	633	633	634
6	633	632	632	632	632	632	632	632	632	632	631	630	629	628	627	627	627	627	627	627	627	627	628	628	630	633
7	628	628	628	628	628	628	629	629	629	629	629	628	628	627	626	626	626	626	626	626	626	627	627	626	627	629
8	626	626	626	626	626	626	626	626	627	627	627	626	626	626	626	625	625	625	625	625	625	625	625	625	626	627
9	625	625	625	625	625	625	626	626	626	627	627	627	627	626	626	627	627	628	629	629	629	629	629	630	627	630
10	630	630	630	629	629	629	629	629	629	628	627	627	627	626	625	625	624	625	625	625	624	624	623	623	627	630
11	623	622	622	622	622	622	623	624	625	625	626	626	627	627	627	628	629	629	631	632	632	633	633	634	627	634
12	634	635	636	636	637	637	638	638	639	639	638	638	637	637	636	636	635	635	635	635	635	635	634	634	636	639
13	633	632	632	631	630	630	629	629	629	629	629	628	628	627	628	629	630	632	634	635	635	636	636	637	631	637
14	637	638	638	639	639	639	640	640	641	641	641	640	639	638	638	637	637	637	637	637	637	637	637	637	638	641
15	636	636	636	636	635	635	635	635	635	635	635	634	633	633	632	632	631	631	631	631	632	632	632	632	634	636
16	632	632	632	633	633	632	632	632	633	632	632	632	630	630	629	629	628	629	629	629	629	629	629	629	631	633
17	629	629	629	629	629	630	630	630	630	629	629	629	628	627	626	626	626	626	626	626	626	627	627	627	628	630
18	626	626	626	626	626	626	626	626	626	626	626	626	625	624	623	623	623	623	623	623	623	623	622	622	625	626
19	622	621	621	621	620	620	620	620	620	620	622	622	622	623	623	624	624	625	625	626	627	627	627	627	623	627
20	627	627	628	628	628	628	628	629	629	629	629	628	628	627	627	628	628	628	628	628	629	629	630	630	628	630
21	630	630	630	631	631	631	631	632	632	632	632	631	[RF]	[RF]	[RF]	629	629	629	629	630	629	630	630	630	630	632
22	630	630	630	629	629	629	629	629	629	629	629	629	628	629	629	629	629	629	630	631	631	632	632	632	630	632
23	632	632	633	633	633	634	635	635	636	636	636	636	636	635	635	635	635	635	635	636	636	636	637	637	635	637
24	637	637	637	637	637	637	637	637	637	637	637	637	636	635	635	635	635	635	635	635	635	634	634	634	636	637
25	634	633	633	633	634	634	634	634	633	634	633	633	632	632	632	632	632	632	633	634	635	635	636	636	633	636
26	637	637	637	637	637	638	638	639	639	639	638	638	637	636	636	635	635	635	635	636	636	636	636	637	637	639
27	636	636	636	636	636	636	635	635	635	635	634	633	632	631	630	630	630	630	630	630	630	630	630	630	633	636
28	630	630	629	629	629	629	629	629	628	628	629	628	627	626	626	626	626	626	626	626	626	626	626	626	628	630
29	626	626	625	625	625	625	624	624	624	624	624	[RF]	623	622	623	622	622	622	622	623	623	623	622	622	624	626
30	622	622	622	622	621	621	620	619	618	618	616	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	620	622
AV	631	631	631	631	631	631	631	631	631	631	631	631	631	630	630	630	630	630	630	630	631	631	631	631	631	641
SD	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	4	4	4	4	4	4	4	5	5	5	[ ]

UNOUT -- 00000 <811111.1807>

BAROMETRIC PRESSURE [CC:26]

MM OF HG

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	634	634	633	633	633	634	634	634	635	635	635	635	634	635
4	635	635	635	635	634	634	634	634	635	635	634	634	633	632	631	631	630	631	631	631	632	632	633	633	633	635
5	633	633	633	633	633	633	633	633	634	634	633	633	632	632	631	631	631	631	631	631	631	632	632	632	632	634
6	632	632	632	632	632	632	632	631	631	631	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	632	632
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	636	636	636	635	635	635	635	636	636	636	637	637	637	637	636	637
12	637	637	637	637	637	636	636	636	636	636	636	635	634	633	632	632	632	632	632	631	631	630	630	630	634	637
13	629	629	628	628	627	627	627	627	626	626	625	625	624	623	623	623	624	624	625	625	625	625	626	626	626	629
14	627	627	628	629	630	630	631	632	632	633	633	633	632	632	631	631	632	633	633	634	634	634	635	635	632	635
15	635	635	636	635	635	635	635	635	636	636	636	636	635	634	634	634	634	635	635	636	637	637	637	638	635	638
16	638	638	638	638	637	637	637	638	638	638	638	637	637	636	635	635	635	635	635	635	635	635	635	635	636	638
17	635	635	635	635	635	634	634	634	634	634	633	633	631	630	630	630	630	630	630	630	631	631	631	632	632	635
18	632	632	632	633	633	634	634	635	636	636	637	637	636	635	635	635	635	635	636	636	636	637	637	637	635	637
19	637	637	637	637	637	637	637	637	637	637	637	636	635	634	634	633	633	634	634	634	635	635	635	636	636	637
20	635	635	635	634	634	633	634	634	634	633	633	633	632	631	630	629	630	630	630	630	630	631	631	631	632	635
21	631	631	631	631	630	630	630	631	631	631	630	630	629	[RF]	[RF]	[RF]	628	627	628	628	628	628	628	627	629	631
22	627	627	627	627	627	627	627	627	627	628	628	627	627	626	625	625	625	625	625	624	624	623	623	622	626	628
23	621	621	620	619	617	617	616	617	617	617	617	617	616	616	616	617	617	618	618	618	619	619	620	620	618	621
24	621	621	621	622	623	623	625	626	627	628	628	628	628	629	630	631	632	633	634	635	635	636	636	636	629	636
25	636	636	637	637	637	638	638	639	639	640	640	639	638	638	638	637	637	637	638	638	638	638	638	638	638	640
26	638	638	638	638	638	638	638	638	638	638	637	636	635	634	633	633	633	633	633	633	633	633	633	633	636	638
27	633	633	633	633	633	633	633	633	634	634	633	633	631	630	630	630	630	630	631	631	632	632	633	633	632	634
28	633	633	634	634	634	634	635	635	636	637	637	637	636	635	635	635	635	635	636	636	636	636	636	636	635	637
29	636	636	636	636	636	635	635	635	635	635	635	634	633	632	631	631	630	630	631	631	631	631	632	632	633	636
30	632	632	632	632	633	633	634	634	635	635	635	635	634	633	633	633	633	634	634	635	635	636	636	636	634	636
31	637	637	637	637	637	638	638	638	638	638	639	638	637	636	636	636	636	637	637	637	638	638	638	638	637	639
AV	633	633	633	633	633	633	633	633	633	633	633	633	632	632	631	631	631	632	632	632	632	633	633	633	632	640
SD	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	[ ]

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.17	-.17	-.17	-.16	-.16	-.17	-.19	-.19	-.20	-.14	-.13	-.04	.08	.05	-.12	-.15	-.16	-.16	-.16	-.16	-.16	-.16	-.16	-.16	-.14	.09
2	-.16	-.17	-.17	-.17	-.17	-.17	-.17	-.17	-.17	-.16	-.16	-.16	-.15	-.13	-.13	-.15	-.16	-.16	-.16	-.16	-.16	-.16	-.16	-.16	-.16	-.13
3	-.16	-.16	-.16	-.16	-.16	-.16	-.16	-.16	-.16	-.21	-.14	-.05	-.12	-.23	-.24	-.19	-.20	-.19	-.19	-.20	-.21	-.21	-.21	-.20	-.18	-.05
4	-.21	-.21	-.21	-.21	-.20	-.21	-.20	-.19	-.16	-.14	-.13	-.11	-.10	-.11	-.13	-.15	-.17	-.18	-.16	-.17	-.17	-.19	-.17	-.16	-.17	-.10
5	-.17	-.17	-.16	-.16	-.16	-.16	-.16	-.16	-.15	-.14	-.13	-.12	-.12	-.18	-.13	-.14	-.16	-.16	-.16	-.17	-.16	-.17	-.19	-.16	-.16	-.12
6	-.16	-.17	-.17	-.17	-.18	-.18	-.18	-.18	-.17	-.21	-.25	-.22	-.20	-.21	-.22	-.23	-.23	-.22	-.23	-.22	-.22	-.22	-.22	-.22	-.20	-.16
7	-.22	-.22	-.22	-.23	-.22	-.22	-.21	-.21	-.27	-.26	-.25	-.26	-.21	-.21	-.24	-.24	-.26	-.22	-.21	-.21	-.21	-.21	-.21	-.21	-.23	-.21
8	-.20	-.20	-.19	-.20	-.20	-.20	-.20	-.20	-.24	-.24	-.20	-.18	-.16	-.15	-.18	-.20	-.23	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.15
9	-.19	-.20	-.19	-.19	-.19	-.19	-.19	-.19	-.24	-.22	-.20	-.18	-.16	-.15	-.16	-.18	-.23	-.21	-.20	-.20	-.19	-.20	-.20	-.19	-.19	-.15
10	-.20	-.20	-.19	-.19	-.19	-.19	-.19	-.19	-.24	-.23	-.22	-.18	-.14	-.16	-.18	-.19	-.23	-.21	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.14
11	-.19	-.19	-.19	-.19	-.19	-.18	-.18	-.18	-.17	-.14	-.14	-.13	-.12	-.13	-.14	-.15	-.17	-.17	-.17	-.22	-.20	-.21	-.21	-.20	-.17	-.12
12	-.20	-.19	-.20	-.20	-.18	-.20	-.19	-.20	-.24	-.19	-.18	-.16	-.16	-.15	-.18	-.20	-.24	-.22	-.21	-.21	-.21	-.19	-.19	-.18	-.19	-.15
13	-.18	-.18	-.18	-.17	-.17	-.20	-.20	-.20	-.20	-.19	-.17	-.16	-.13	-.08	-.12	-.14	-.16	-.18	-.21	-.22	-.21	-.21	-.21	-.21	-.18	-.08
14	-.21	-.21	-.21	-.21	-.21	-.21	-.20	-.20	-.23	-.18	-.13	-.11	-.05	-.06	-.08	-.14	-.21	-.24	-.22	-.21	-.19	-.21	-.21	-.21	-.18	-.05
15	-.21	-.21	-.23	-.21	-.21	-.21	-.21	-.21	-.24	-.16	-.11	-.06	-.04	-.02	-.06	-.14	-.22	-.23	-.22	-.22	-.22	-.22	-.22	-.22	-.18	-.02
16	-.21	-.19	-.17	-.17	-.19	-.20	-.20	-.20	-.18	-.12	-.08	-.05	.02	.06	.04	-.03	-.17	-.22	-.22	-.21	-.19	-.21	-.19	-.20	-.15	.06
17	-.20	-.20	-.21	-.21	-.22	-.22	-.21	-.21	-.22	-.09	.04	.11	.16	.15	.06	.02	-.15	-.23	-.24	-.23	-.23	-.22	-.20	-.20	-.13	.16
18	-.21	-.22	-.22	-.21	-.20	-.20	-.20	-.20	-.15	-.08	-.02	.02	.09	.06	-.02	-.07	-.14	-.18	-.20	-.21	-.22	-.22	-.21	-.22	-.14	.09
19	-.23	-.23	-.23	-.23	-.23	-.23	-.23	-.23	-.20	-.06	.05	.17	.22	.19	.10	.01	-.17	-.23	-.24	-.23	-.23	-.23	-.24	-.24	-.13	.22
20	-.24	-.21	-.20	-.20	-.22	-.24	-.24	-.23	-.15	-.05	.08	-.05	.01	.14	.07	.01	-.17	-.23	-.22	-.21	-.20	-.21	-.21	-.21	-.14	.14
21	-.22	-.21	-.23	-.23	-.22	-.23	-.23	-.20	-.16	.00	-.07	-.06	-.12	-.13	-.14	-.15	-.17	-.18	-.18	-.18	-.17	-.17	-.18	-.19	-.17	.00
22	-.20	-.21	-.21	-.20	-.20	-.19	-.19	-.18	-.17	-.18	-.21	-.15	-.11	-.11	-.10	-.11	-.18	-.23	-.22	-.20	-.22	-.22	-.23	-.24	-.19	-.10
23	-.22	-.22	-.22	-.21	-.21	-.20	-.20	-.19	-.16	-.12	.02	.13	.24	.27	.12	-.02	-.16	-.22	-.22	-.22	-.21	-.20	-.20	-.19	-.12	.27
24	-.20	-.21	-.20	-.20	-.20	-.21	-.20	-.20	-.17	-.06	.06	.15	.19	.13	.11	.02	-.12	-.20	-.21	-.20	-.20	-.22	-.22	-.22	-.12	.19
25	-.23	-.22	-.23	-.23	-.22	-.22	-.19	-.17	-.12	-.09	.02	.10	.25	.23	.09	-.01	-.13	-.19	-.20	-.20	-.21	-.22	-.22	-.22	-.12	.25
26	-.22	-.21	-.21	-.21	-.20	-.20	-.21	-.19	-.12	.04	.13	.18	.23	.20	.12	-.03	-.12	-.21	-.20	-.18	-.18	-.18	-.19	-.21	-.10	.23
27	-.22	-.22	-.20	-.17	-.20	-.22	-.24	-.24	-.18	-.02	.08	.17	.20	.16	.09	-.01	-.16	-.24	-.25	-.26	-.26	-.26	-.26	-.25	-.13	.20
28	-.25	-.25	-.25	-.24	-.22	-.21	-.22	-.22	-.16	-.07	.09	.15	.20	.20	.11	-.03	-.16	-.24	-.24	-.24	-.24	-.23	-.22	-.21	-.13	.20
29	-.20	-.20	-.20	-.20	-.19	-.19	-.20	-.21	-.20	-.16	.09	.21	.24	.19	.10	.03	-.13	-.24	-.24	-.24	-.24	-.24	-.24	-.23	-.12	.24
30	-.23	-.23	-.23	-.23	-.23	-.20	-.22	-.22	-.16	-.03	.05	.10	.15	.09	.08	.06	-.13	-.23	-.23	-.23	-.23	-.21	-.20	-.22	-.13	.15
31	-.22	-.23	-.22	-.22	-.21	-.19	-.19	-.18	-.14	-.04	.11	.20	.21	-.01	.00	-.08	-.13	-.18	-.21	-.19	-.18	-.17	-.19	-.20	-.12	.21
AV	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.20	-.18	-.13	-.07	-.02	.01	.00	-.05	-.10	-.17	-.21	-.21	-.21	-.20	-.21	-.21	-.20	-.16	.27
SD	.02	.02	.02	.02	.02	.02	.02	.02	.04	.08	.12	.15	.16	.16	.12	.09	.04	.03	.03	.02	.03	.02	.02	.02	.10	[ ]

QHOUT -- QUOOO (811111.1807)

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.20	-.20	-.18	-.17	-.18	-.19	-.18	-.18	-.15	-.12	.08	.17	.16	.21	.12	.03	-.12	-.23	-.22	-.19	-.18	-.18	-.19	-.18	-.10	.21
2	-.18	-.19	-.19	-.22	-.21	-.20	-.19	-.18	-.19	.02	.21	.22	.25	.19	.04	-.07	-.15	-.21	-.22	-.21	-.23	-.24	-.23	-.21	-.11	.25
3	-.20	-.20	-.19	-.19	-.19	-.20	-.20	-.20	-.15	-.10	-.02	.08	.13	.14	.15	-.08	-.13	-.18	-.17	-.21	-.20	-.19	-.19	-.19	-.12	.15
4	-.19	-.20	-.23	-.20	-.19	-.20	-.20	-.20	-.17	-.07	.06	.15	.23	.21	.15	.03	-.12	-.24	-.24	-.23	-.24	-.24	-.24	-.24	-.12	.23
5	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.24	-.18	-.04	.09	.17	.22	.19	.12	.00	-.14	-.26	-.26	-.25	-.25	-.24	-.24	-.24	-.13	.22
6	-.24	-.24	-.23	-.23	-.23	-.23	-.23	-.23	-.16	-.01	.12	.21	.26	.24	.16	.04	-.11	-.24	-.25	-.24	-.24	-.23	-.23	-.23	-.12	.26
7	-.23	-.23	-.22	-.23	-.23	-.22	-.22	-.21	-.14	.03	.15	.22	.27	.25	.15	.02	-.11	-.24	-.24	-.24	-.23	-.23	-.22	-.22	-.11	.27
8	-.22	-.22	-.22	-.19	-.18	-.17	-.16	-.17	-.12	-.05	.16	.20	.20	.17	.12	.04	-.09	-.23	-.25	-.24	-.24	-.24	-.24	-.23	-.11	.20
9	-.23	-.23	-.23	-.23	-.22	-.21	-.21	-.20	-.11	.03	.13	.23	.23	.11	.05	-.09	-.12	-.20	-.21	-.22	-.21	-.20	-.17	-.18	-.11	.23
10	-.19	-.22	-.22	-.21	-.22	-.22	-.22	-.22	-.14	.02	.14	.23	.23	.23	.16	-.12	-.20	-.24	-.26	-.25	-.25	-.25	-.25	-.23	-.12	.23
11	-.22	-.22	-.21	-.21	-.20	-.20	-.19	-.19	-.14	-.03	[PF]	.20	.16	.12	.15	.06	-.08	-.22	-.23	-.23	-.23	-.23	-.23	-.23	-.12	.20
12	-.23	-.23	-.23	-.22	-.22	-.22	-.22	-.22	-.13	.01	.15	.25	.29	.28	.17	.05	-.07	-.21	-.23	-.23	-.22	-.22	-.22	-.21	-.10	.29
13	-.21	-.20	-.21	-.22	-.22	-.22	-.22	-.21	-.11	.02	.14	.21	.27	.21	.11	.06	-.08	-.20	-.19	-.18	-.19	-.20	-.20	-.19	-.09	.27
14	-.18	-.18	-.17	-.17	-.18	-.18	-.19	-.16	-.10	.02	.07	.15	.21	.20	.19	.03	-.08	-.19	-.21	-.19	-.21	-.20	-.21	-.21	-.09	.21
15	-.21	-.21	-.20	-.20	-.19	-.19	-.19	-.17	-.09	-.05	.03	.17	.23	.18	.10	-.03	-.11	-.18	-.19	-.19	-.19	-.20	-.19	-.20	-.10	.23
16	-.20	-.19	-.18	-.17	-.17	-.16	-.17	-.16	-.10	-.03	-.01	-.02	.06	-.02	-.07	-.11	-.09	-.16	-.20	-.20	-.19	-.19	-.18	-.18	-.13	.06
17	-.18	-.17	-.17	-.17	-.16	-.16	-.17	-.15	-.10	-.02	.17	.30	.28	.14	.19	.01	-.11	-.20	-.22	-.21	-.22	-.20	-.20	-.21	-.08	.30
18	-.20	-.19	-.19	-.18	-.19	-.20	-.19	-.18	-.05	.04	.16	.25	.33	.28	.19	.07	-.07	-.22	-.24	-.24	-.24	-.24	-.24	-.24	-.08	.33
19	-.24	-.24	-.23	-.24	-.24	-.23	-.22	-.19	-.06	.03	.16	.25	.28	.30	.08	-.01	-.09	-.19	-.21	-.21	-.21	-.21	-.22	-.22	-.10	.30
20	-.22	-.22	-.22	-.22	-.22	-.23	-.21	-.19	-.08	.06	.19	.26	.22	.24	.21	.09	-.07	-.21	-.23	-.22	-.22	-.22	-.21	-.22	-.09	.26
21	-.21	-.21	-.21	-.21	-.20	-.20	-.19	-.17	-.05	.08	.19	.27	.31	.28	.20	.10	-.05	-.20	-.23	-.22	-.22	-.22	-.22	-.22	-.08	.31
22	-.22	-.21	-.21	-.20	-.20	-.20	-.19	-.17	-.06	.07	.24	.27	.33	.24	.21	.10	-.04	-.20	-.22	-.22	-.22	-.20	-.19	-.18	-.07	.33
23	-.18	-.18	-.18	-.20	-.18	-.17	-.18	-.17	-.15	-.03	.10	.18	.02	.04	.13	.06	-.07	-.20	-.23	-.23	-.23	-.23	-.23	-.23	-.11	.18
24	-.23	-.23	-.23	-.23	-.23	-.23	-.23	-.21	-.10	.06	.18	.26	.22	.22	.11	-.02	-.12	-.20	-.22	-.22	-.21	-.21	-.21	-.22	-.10	.26
25	-.22	-.22	-.21	-.22	-.22	-.22	-.22	-.19	-.09	.09	.20	.27	.30	.29	.22	.09	-.04	-.21	-.24	-.24	-.23	-.23	-.23	-.22	-.08	.30
26	-.22	-.22	-.22	-.22	-.22	-.22	-.22	-.21	-.08	.09	.20	.28	.33	.26	.21	.07	-.09	-.18	-.22	-.22	-.22	-.22	-.22	-.22	-.08	.33
27	-.22	-.19	-.20	-.18	-.20	-.18	-.17	-.15	-.08	-.02	.16	.22	.34	.23	.12	-.08	-.11	-.18	-.20	-.20	-.20	-.21	-.23	-.22	-.09	.34
28	-.22	-.22	-.22	-.22	-.22	-.21	-.21	-.20	-.06	.09	.22	.30	.36	.30	.22	.11	-.04	-.20	-.23	-.23	-.23	-.23	-.23	-.22	-.07	.36
AV	-.21	-.21	-.21	-.21	-.21	-.20	-.20	-.19	-.11	.01	.14	.21	.24	.20	.14	.02	-.10	-.21	-.22	-.22	-.22	-.22	-.22	-.21	-.10	.36
SD	.02	.02	.02	.02	.02	.02	.02	.02	.04	.06	.07	.07	.08	.08	.06	.07	.04	.02	.02	.02	.02	.02	.02	.02	.17	[ ]

QHOUT -- OU000 <811111.1607>

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.22	-.22	-.22	-.21	-.21	-.21	-.20	-.16	-.07	.05	.09	.04	.00	-.01	-.10	-.13	-.16	-.18	-.19	-.19	-.18	-.18	-.18	-.18	-.13	.09
2	-.17	-.17	-.17	-.18	-.17	-.17	-.17	-.15	-.03	.00	.11	.19	.33	.39	.10	-.08	-.14	-.16	-.17	-.17	-.17	-.17	-.17	-.16	-.07	.39
3	-.16	-.16	-.16	-.16	-.16	-.16	-.16	-.17	-.18	-.07	-.01	.02	.04	.33	.32	.22	-.10	-.19	-.20	-.17	-.16	-.16	-.16	-.16	-.08	.33
4	-.15	-.15	-.16	-.16	-.16	-.15	-.15	-.17	-.21	-.12	.15	.28	.28	.34	.21	.04	-.09	-.16	-.19	-.21	-.19	-.22	-.22	-.21	-.07	.34
5	-.21	-.19	-.19	-.20	-.20	-.18	-.18	-.03	.15	.25	.43	.44	.25	.38	.26	-.11	-.10	-.18	-.25	-.21	-.18	-.21	-.18	-.18	-.03	.44
6	-.20	-.20	-.21	-.21	-.21	-.21	-.21	-.16	-.11	.12	.41	.51	.43	.44	.35	.15	.03	-.16	-.24	-.24	-.24	-.23	-.23	-.23	-.04	.51
7	-.24	-.23	-.24	-.24	-.23	-.21	-.19	-.15	-.06	.03	.10	.26	.43	.45	.34	.17	.02	-.18	-.23	-.23	-.22	-.21	-.22	-.22	-.06	.45
8	-.22	-.20	-.20	-.21	-.20	-.20	-.19	-.15	-.05	.02	.08	.09	.18	.29	.13	.03	-.05	-.15	-.22	-.22	-.22	-.23	-.23	-.23	-.10	.29
9	-.23	-.22	-.22	-.22	-.22	-.23	-.22	-.18	.00	.16	.31	.38	.45	.40	.32	.16	-.03	-.16	-.24	-.22	-.22	-.23	-.23	-.22	-.05	.45
10	-.22	-.22	-.21	-.20	-.21	-.20	-.18	-.15	-.08	.00	.09	.29	.20	.08	.05	-.04	-.12	-.16	-.18	-.18	-.18	-.20	-.19	-.18	-.10	.29
11	-.18	-.20	-.21	-.20	-.20	-.21	-.19	-.12	-.05	.09	.09	.29	.05	.02	.24	-.04	-.11	-.16	-.18	-.18	-.18	-.18	-.18	-.20	-.09	.29
12	-.20	-.19	-.18	-.17	-.20	-.23	-.23	-.17	.02	.19	.34	.42	.48	.45	.35	.17	.00	-.15	-.24	-.24	-.24	-.23	-.23	-.23	-.03	.48
13	-.23	-.23	-.23	-.23	-.23	-.22	-.22	-.17	.02	.19	.31	.36	.43	.39	.29	.13	-.06	-.13	-.23	-.23	-.23	-.23	-.22	-.22	-.05	.43
14	-.22	-.22	-.22	-.22	-.22	-.22	-.21	-.12	-.01	.10	.20	.23	.10	.09	-.03	-.01	-.07	-.16	-.19	-.19	-.19	-.17	-.18	-.21	-.10	.23
15	-.20	-.20	-.17	-.17	-.17	-.18	-.18	-.13	.02	-.01	.02	.20	.17	.25	.05	-.01	-.02	-.16	-.22	-.23	-.23	-.19	-.18	-.18	-.09	.25
16	-.19	-.18	-.17	-.19	-.18	-.18	-.18	-.13	.05	.02	.29	.24	.48	.03	.33	.21	-.03	-.15	-.20	-.23	-.19	-.19	-.20	-.19	-.05	.48
17	-.21	-.21	-.23	-.23	-.23	-.23	-.22	-.15	.02	.05	-.04	.10	.37	.22	.03	-.10	-.09	-.15	-.22	-.19	-.18	-.18	-.18	-.20	-.10	.37
18	-.22	-.22	-.22	-.22	-.22	-.22	-.22	-.14	.03	.21	.37	.39	.38	.31	.14	-.02	-.12	-.17	-.19	-.16	-.16	-.17	-.17	-.17	-.05	.39
19	-.16	-.19	-.21	-.21	-.21	-.21	-.22	-.18	-.11	.14	.42	.52	.37	.09	-.08	-.11	-.10	-.11	-.23	-.24	-.24	-.24	-.24	-.23	-.08	.52
20	-.23	-.22	-.23	-.23	-.24	-.24	-.23	-.14	.06	.30	.21	.25	.24	.26	.21	.10	-.01	-.12	-.26	-.24	-.22	-.23	-.23	-.23	-.07	.30
21	-.23	-.23	-.23	-.23	-.23	-.23	-.22	-.10	.05	.26	.37	.43	.47	.46	.35	.22	.04	-.12	-.24	-.26	-.24	-.23	-.23	-.23	-.03	.47
22	-.24	-.24	-.23	-.23	-.23	-.23	-.23	-.13	.05	.21	.35	.43	.44	.44	.34	.21	.03	-.14	-.24	-.25	-.25	-.25	-.24	-.24	-.04	.44
23	-.24	-.24	-.25	-.25	-.25	-.25	-.24	-.13	.06	.23	.39	.47	.51	.48	.34	.17	.02	-.13	-.24	-.24	-.24	-.24	-.24	-.03	.51
24	-.24	-.24	-.23	-.24	-.23	-.24	-.23	-.12	.05	.22	.39	.45	.47	.45	.37	.18	.01	-.12	-.24	-.25	-.24	-.26	-.24	-.24	-.03	.47
25	-.24	-.24	-.24	-.24	-.24	-.23	-.23	-.12	.06	.22	.37	.44	.43	.35	.31	.10	-.09	-.16	-.21	-.21	-.21	-.20	-.20	-.19	-.04	.44
26	-.19	-.19	-.19	-.20	-.19	-.19	-.18	-.14	-.09	-.02	-.05	.07	.15	-.05	.13	.21	-.10	-.14	-.18	-.18	-.18	-.18	-.18	-.18	-.10	.21
27	-.19	-.18	-.18	-.18	-.19	-.18	-.17	-.12	-.01	.16	.50	.68	.37	.25	.06	.10	-.08	-.14	-.19	-.22	-.21	-.23	-.22	-.22	-.03	.68
28	-.22	-.23	-.21	-.21	-.22	-.22	-.19	-.08	.06	.19	.28	.53	.17	.58	.17	.13	.06	-.10	-.10	-.24	-.24	-.24	-.23	-.23	-.03	.58
29	-.23	-.22	-.21	-.21	-.20	-.19	-.17	-.12	-.08	-.03	-.08	.10	.09	.32	-.07	-.15	-.11	-.16	-.21	-.23	-.21	-.24	-.24	-.23	-.13	.32
30	-.24	-.22	-.20	-.21	-.21	-.19	-.20	-.19	.05	.21	.45	.61	.65	.09	.06	.18	.06	-.07	-.23	-.25	-.24	-.24	-.24	-.25	-.03	.65
31	-.25	-.25	-.24	-.25	-.23	-.24	-.19	-.11	.04	.27	.38	.31	.53	.25	.33	.13	.05	-.09	-.23	-.24	-.23	-.21	-.20	-.21	-.04	.53
AV	-.21	-.21	-.21	-.21	-.21	-.21	-.20	-.14	-.01	.12	.24	.32	.32	.28	.19	.07	-.05	-.15	-.21	-.22	-.21	-.21	-.21	-.21	-.06	.68
SD	.03	.03	.03	.03	.02	.03	.02	.03	.08	.11	.17	.17	.17	.17	.15	.12	.07	.03	.03	.03	.03	.03	.03	.03	.21	[ ]

GHOUT -- 00000 (811111.1807)

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.23	-.23	-.23	-.26	-.26	-.24	-.22	-.16	-.08	.00	.11	.40	.23	.09	.01	-.06	-.16	-.22	-.25	-.25	-.24	-.24	-.23	-.23	-.12	.40
2	-.23	-.23	-.27	-.29	-.31	-.28	-.27	-.17	.07	.31	.48	.56	.62	.58	.46	.25	-.01	-.09	-.23	-.25	-.24	-.23	-.23	-.24	-.01	.62
3	-.23	-.23	-.23	-.22	-.22	-.22	-.19	-.08	.03	.12	.22	.39	.56	.50	.45	.24	.04	-.07	-.22	-.23	-.22	-.23	-.23	-.22	-.02	.56
4	-.22	-.22	-.23	-.23	-.23	-.23	-.19	-.08	.08	.33	.42	.55	.49	.15	.22	.07	.03	-.11	-.22	-.25	-.25	-.25	-.25	-.25	-.04	.55
5	-.25	-.24	-.24	-.24	-.24	-.24	-.20	-.06	.11	.28	.42	.46	.45	.43	.27	.02	-.06	-.15	-.19	-.19	-.20	-.20	-.20	-.21	-.03	.46
6	-.22	-.22	-.23	-.23	-.22	-.21	-.17	-.09	-.01	.15	.43	.26	.55	.32	.21	.06	.09	.02	-.01	-.02	-.02	-.01	.00	.01	.02	.55
7	.05	.08	.10	.07	.11	.12	.13	.16	.31	.52	.69	.46	.42	.64	.62	.06	.18	.16	-.04	-.03	.01	-.06	-.09	-.01	.19	.69
8	.01	.02	.03	-.04	-.08	-.05	-.08	.09	.29	.51	.61	.62	.68	.57	.44	.12	.08	.05	-.06	-.09	-.10	-.08	-.08	-.10	.14	.68
9	-.11	-.12	-.11	-.11	-.11	-.11	-.07	.09	.25	.46	.61	.60	.66	.58	.45	.02	-.12	-.15	-.22	-.24	-.22	-.23	-.24	-.24	.06	.66
10	-.23	-.23	-.23	-.23	-.23	-.23	-.20	-.04	.15	.32	.44	.49	.54	.49	.40	.22	-.05	-.12	-.21	-.24	-.23	-.21	-.20	-.23	.00	.54
11	-.20	-.18	-.19	-.18	-.18	-.20	-.17	-.04	.14	.29	.37	.28	.37	.29	.13	-.02	-.13	-.15	-.18	-.18	-.19	-.20	-.19	-.22	-.04	.37
12	-.23	-.22	-.20	-.18	-.19	-.19	-.16	-.02	.18	.32	.43	.09	.34	.51	.53	.31	.13	-.06	-.20	-.24	-.23	-.23	-.23	-.22	.00	.53
13	-.21	-.21	-.22	-.23	-.23	-.22	-.19	-.02	.14	.31	.44	.53	.51	.50	.35	.22	-.01	-.13	-.19	-.25	-.25	-.24	-.24	-.24	.00	.53
14	-.24	-.24	-.23	-.23	-.24	-.23	-.19	-.03	.14	.33	.47	.54	.62	.57	.45	.31	.04	-.18	-.22	-.26	-.24	-.23	-.21	-.23	.01	.62
15	-.24	-.23	-.23	-.22	-.23	-.22	-.18	-.01	.16	.33	.47	.55	.47	.37	.06	.13	.01	-.09	-.22	-.26	-.25	-.25	-.24	-.24	-.02	.55
16	-.25	-.24	-.25	-.25	-.25	-.25	-.20	-.02	.14	.30	.44	.42	.56	.50	.38	.24	.07	-.08	-.22	-.26	-.25	-.25	-.25	-.25	-.01	.56
17	-.25	-.24	-.24	-.24	-.24	-.24	-.19	-.05	.15	.32	.44	.53	.57	.52	.40	.26	.09	-.07	-.22	-.25	-.24	-.24	-.23	-.24	.00	.57
18	-.24	-.24	-.23	-.23	-.23	-.23	-.18	-.01	.15	.34	.49	.59	.64	.53	.48	.30	.09	-.08	-.21	-.26	-.25	-.25	-.25	-.25	.02	.64
19	-.25	-.25	-.25	-.25	-.25	-.24	-.19	-.01	.15	.17	.38	.44	.37	.47	.29	.11	.02	-.11	-.19	-.22	-.23	-.24	-.25	-.25	-.03	.47
20	-.25	-.25	-.25	-.24	-.24	-.24	-.19	.00	.20	.24	.38	.25	.51	.13	.13	-.06	-.12	-.17	-.21	-.25	-.24	-.24	-.24	-.24	-.07	.51
21	-.24	-.23	-.23	-.23	-.23	-.23	-.17	.01	.17	.34	.50	.57	.59	.55	.42	.26	.10	-.07	-.22	-.26	-.25	-.24	-.24	-.23	.02	.59
22	-.23	-.23	-.23	-.23	-.23	-.22	-.17	.00	.17	.35	.44	.54	.58	.51	.40	.25	.09	-.06	-.21	-.25	-.23	-.24	-.24	-.23	.01	.58
23	-.22	-.22	-.22	-.21	-.20	-.19	-.15	-.09	-.05	.17	.35	.40	.23	.58	.39	.25	.13	.03	-.16	-.21	-.20	-.20	-.23	-.22	-.01	.58
24	-.22	-.22	-.23	-.22	-.22	-.22	-.15	.01	.16	.31	.46	.55	.55	.50	.39	.25	.09	.02	-.08	-.26	-.25	-.25	-.24	-.23	.02	.55
25	-.23	-.23	-.23	-.23	-.23	-.23	-.16	-.01	.15	.32	.45	.55	.59	.22	.29	.23	-.01	-.12	-.21	-.23	-.22	-.22	-.23	-.22	-.01	.59
26	-.22	-.22	-.21	-.20	-.20	-.18	-.14	-.09	.01	.01	-.04	.08	.59	.31	-.10	-.10	-.02	-.12	-.19	-.21	-.22	-.21	-.19	-.20	-.09	.59
27	-.19	-.20	-.19	-.20	-.19	-.18	-.14	-.02	.15	.30	.48	.56	.62	.49	.36	.23	.07	-.14	-.20	-.23	-.22	-.23	-.23	-.24	.02	.62
28	-.24	-.24	-.23	-.23	-.23	-.23	-.15	.00	.16	.34	.46	.51	.56	.55	.44	.25	.09	-.06	-.20	-.25	-.25	-.24	-.23	-.21	.02	.56
29	-.19	-.23	-.23	-.22	-.20	-.19	-.17	-.14	.11	.29	.30	.44	.53	.49	.43	.22	.11	-.08	-.20	-.25	-.24	-.24	-.24	-.23	-.01	.53
30	-.24	-.24	-.23	-.23	-.23	-.22	-.14	-.02	.13	.25	.37	.44	.50	.39	.24	.21	.06	-.05	-.19	-.24	-.23	-.23	-.23	-.21	-.01	.50
AV	-.21	-.21	-.21	-.21	-.21	-.20	-.16	-.03	.13	.29	.42	.46	.52	.44	.33	.16	.03	-.08	-.19	-.22	-.21	-.21	-.21	-.21	.00	.69
SD	.07	.07	.08	.07	.07	.07	.07	.07	.09	.12	.14	.14	.11	.15	.16	.12	.09	.08	.06	.06	.06	.06	.06	.06	.28	[ ]

QHOUT -- QU000 (811111.1807)

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.23	-.21	-.21	-.21	-.21	-.20	-.10	.01	.10	.31	.45	.47	.25	.44	.44	.12	-.07	-.13	-.14	-.20	-.20	-.21	-.23	-.24	-.01	.47
2	-.24	-.24	-.24	-.24	-.24	-.21	-.11	-.03	.14	.35	.47	.45	-.02	.23	.27	-.02	-.10	-.14	-.20	-.21	-.21	-.20	-.19	-.19	-.05	.47
3	-.19	-.19	-.19	-.19	-.19	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.09	.03	-.06	-.09	-.17	-.21	-.20	-.22	-.23	-.14	.09
4	-.24	-.22	-.21	-.21	-.21	-.19	-.14	.03	.44	.61	.62	.81	.60	.55	.21	.31	.25	.09	-.08	-.13	-.10	-.05	-.02	.00	.11	.81
5	.01	.03	.03	.03	.02	.03	.09	.27	.48	.63	.59	.64	.77	.72	.60	.43	.26	.08	-.08	-.09	-.03	-.01	.00	.00	.23	.77
6	.00	.00	.01	.02	.01	.03	.15	.33	.51	.63	.72	.73	.75	.66	.55	.35	.27	.05	-.09	-.13	-.10	-.06	-.02	.00	.22	.75
7	.00	.02	.02	.02	.03	.07	.20	.30	.42	.55	.66	.64	.45	.63	.37	.24	.20	.05	-.06	-.08	-.05	-.04	-.01	-.03	.19	.66
8	.00	-.02	.00	.04	.05	.06	.11	.27	.25	.28	.38	.46	.50	.53	.31	.21	.18	.03	-.06	-.10	-.07	-.08	-.07	-.05	.13	.53
9	-.04	-.04	-.05	-.03	-.05	-.03	.11	.18	.31	.38	.63	.67	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.06	.00	-.07	.14	.67
10	-.04	.02	.03	-.02	.00	.03	.08	.07	.14	.30	.56	.47	.97	.54	.25	.25	.21	.08	-.05	-.16	-.19	.03	-.11	-.08	.14	.97
11	-.05	.10	.10	.10	.09	.10	.21	.30	.28	.57	.33	.44	.53	.81	.59	.36	.35	.10	-.08	-.21	-.19	-.18	-.12	-.05	.19	.81
12	-.10	-.08	-.06	-.10	-.08	-.03	.03	.07	.09	.08	.06	.32	.19	.05	.06	.03	.01	-.08	-.17	-.19	-.20	-.21	-.20	-.21	-.03	.32
13	-.21	-.21	-.22	-.22	-.21	-.21	-.16	.04	.25	.34	.11	.27	.28	.19	.15	.29	.13	-.10	-.18	-.19	-.21	-.23	-.24	-.22	-.03	.34
14	-.23	-.21	-.21	-.18	-.22	-.21	-.14	.02	.25	.40	.55	.63	.64	.63	.28	.23	.18	.00	-.17	-.24	-.24	-.23	-.22	-.20	.05	.64
15	-.21	-.21	-.21	-.20	-.22	-.20	-.13	.02	.21	.41	.29	.60	.50	.22	.45	.33	-.05	-.09	-.15	-.26	-.24	-.22	-.22	-.20	.01	.60
16	-.20	-.20	-.23	-.23	-.23	-.21	-.13	.01	.18	.35	.46	.54	.53	.06	.43	.27	.01	-.09	-.18	-.22	-.20	-.22	-.23	-.23	.00	.54
17	-.25	-.25	-.25	-.24	-.23	-.21	-.10	.07	.24	.41	.51	.59	.61	.55	.45	.33	.13	-.12	-.21	-.25	-.24	-.24	-.24	-.24	.03	.61
18	-.23	-.20	-.21	-.21	-.21	-.17	-.13	.00	.19	.39	.43	.37	.31	.37	.22	.20	-.10	-.18	-.21	-.23	-.21	-.22	-.24	-.21	-.02	.43
19	-.21	-.21	-.22	-.23	-.22	-.07	-.20	-.18	-.06	.32	.49	-.09	.29	.28	.05	.14	.02	.03	-.08	-.22	-.23	-.20	-.21	-.22	-.05	.49
20	-.23	-.23	-.23	-.24	-.23	-.20	-.14	.08	.27	.44	.57	.67	.70	.71	.61	.42	.24	.06	-.11	-.24	-.24	-.24	-.24	-.23	.08	.71
21	-.23	-.23	-.23	-.23	-.23	-.22	-.12	.04	.24	.40	.63	.59	.53	.47	.38	.28	.08	-.05	-.20	-.27	-.27	-.26	-.26	-.26	.02	.63
22	-.25	-.24	-.25	-.25	-.25	-.22	-.12	.02	.25	.38	.50	.46	.57	.53	.52	.11	.04	-.06	-.22	-.25	-.23	-.23	-.24	-.22	.01	.57
23	-.24	-.23	-.25	-.24	-.20	-.19	-.14	.04	-.04	.29	.43	.51	.56	.56	.39	.29	.18	-.07	-.20	-.16	-.23	-.24	-.23	-.24	.01	.56
24	-.24	-.24	-.24	-.25	-.25	-.22	-.08	.09	.24	.30	.43	.58	.42	.12	.24	.25	.03	-.11	-.18	-.26	-.27	-.26	-.26	-.25	-.02	.58
25	-.21	-.25	-.24	-.25	-.24	-.23	-.09	.08	.26	.39	.53	.59	.64	.63	.54	.39	.23	.06	-.10	-.24	-.25	-.24	-.24	-.24	.06	.64
26	-.22	-.23	-.23	-.22	-.23	-.22	-.12	.05	.23	.40	.54	.61	.65	.62	.49	.41	.26	.08	-.11	-.25	-.26	-.25	-.25	-.24	.06	.65
27	-.19	-.22	-.23	-.23	-.20	-.18	-.14	-.02	.11	.24	.63	.39	.04	.11	.29	.09	.13	.16	-.10	-.23	-.24	-.24	-.24	-.24	-.02	.63
28	-.22	-.24	-.23	-.23	-.22	-.18	-.10	.11	.22	.45	.57	.68	.70	.66	.58	.44	.26	.07	-.10	-.26	-.26	-.25	-.24	-.20	.08	.70
29	-.18	-.20	-.22	-.22	-.23	-.22	-.11	.06	.24	.40	.52	.59	.62	.61	.54	.25	.12	-.06	-.15	-.19	-.20	-.23	-.21	-.19	.06	.62
30	-.17	-.20	-.23	-.23	-.22	-.21	-.14	.07	.17	.15	.07	.05	-.10	.34	.26	.17	-.01	-.05	-.05	-.22	-.22	-.23	-.22	-.22	-.06	.34
31	-.20	-.21	-.21	-.21	-.20	-.19	-.07	.10	.29	.47	.59	.71	.68	.64	.54	.41	.25	.07	-.09	-.24	-.24	-.22	-.22	-.20	.09	.71
AV	-.17	-.16	-.16	-.16	-.16	-.14	-.06	.08	.23	.39	.48	.51	.49	.46	.38	.26	.12	-.01	-.13	-.20	-.20	-.18	-.18	-.17	.05	.97
SD	.09	.10	.11	.11	.11	.11	.12	.11	.13	.13	.17	.19	.25	.22	.16	.12	.13	.09	.06	.05	.06	.09	.09	.09	.29	[ ]

QHOUT -- 00000 <811111.1807>

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.23	-.23	-.23	-.26	-.26	-.24	-.22	-.16	-.08	.00	.11	.40	.23	.09	.01	-.06	-.16	-.22	-.25	-.25	-.24	-.24	-.23	-.23	-.12	.40
2	-.23	-.23	-.27	-.29	-.31	-.28	-.27	-.17	.07	.31	.48	.56	.62	.58	.46	.25	-.01	-.09	-.23	-.25	-.24	-.23	-.23	-.24	-.01	.62
3	-.23	-.23	-.23	-.22	-.22	-.22	-.19	-.08	.03	.12	.22	.39	.56	.50	.45	.24	.04	-.07	-.22	-.23	-.22	-.23	-.23	-.22	-.02	.56
4	-.22	-.22	-.23	-.23	-.23	-.23	-.19	-.08	.08	.33	.42	.55	.49	.15	.22	.07	.03	-.11	-.22	-.25	-.25	-.25	-.25	-.25	-.04	.55
5	-.25	-.24	-.24	-.24	-.24	-.24	-.20	-.06	.11	.28	.42	.46	.45	.43	.27	.02	-.06	-.15	-.19	-.19	-.20	-.20	-.20	-.21	-.03	.46
6	-.22	-.22	-.23	-.23	-.22	-.21	-.17	-.09	-.01	.15	.43	.26	.55	.32	.21	.06	.09	.02	-.01	-.02	-.02	-.01	.00	.01	.02	.55
7	.05	.08	.10	.07	.11	.12	.13	.16	.31	.52	.69	.46	.42	.64	.62	.06	.18	.16	-.04	-.03	.01	-.06	-.09	-.01	.19	.69
8	.01	.02	.03	-.04	-.08	-.05	-.08	.09	.29	.51	.61	.62	.68	.57	.44	.12	.08	.05	-.06	-.09	-.10	-.08	-.08	-.10	.14	.68
9	-.11	-.12	-.11	-.11	-.11	-.11	-.07	.09	.25	.46	.61	.60	.66	.58	.45	.02	-.12	-.15	-.22	-.24	-.22	-.23	-.24	-.24	.06	.66
10	-.23	-.23	-.23	-.23	-.23	-.23	-.20	-.04	.15	.32	.44	.49	.54	.49	.40	.22	-.05	-.12	-.21	-.24	-.23	-.21	-.20	-.23	.00	.54
11	-.20	-.18	-.19	-.18	-.18	-.20	-.17	-.04	.14	.29	.37	.28	.37	.29	.13	-.02	-.13	-.15	-.18	-.18	-.19	-.20	-.19	-.22	-.04	.37
12	-.23	-.22	-.20	-.18	-.19	-.19	-.16	-.02	.18	.32	.43	.09	.34	.51	.53	.31	.13	-.06	-.20	-.24	-.23	-.23	-.23	-.22	.00	.53
13	-.21	-.21	-.22	-.23	-.23	-.22	-.19	-.02	.14	.31	.44	.53	.51	.50	.35	.22	-.01	-.13	-.19	-.25	-.25	-.24	-.24	-.24	.00	.53
14	-.24	-.24	-.23	-.23	-.24	-.23	-.19	-.03	.14	.33	.47	.54	.62	.57	.45	.31	.04	-.18	-.22	-.26	-.24	-.23	-.21	-.23	.01	.62
15	-.24	-.23	-.23	-.22	-.23	-.22	-.18	-.01	.16	.33	.47	.55	.47	.37	.06	.13	.01	-.09	-.22	-.26	-.25	-.25	-.24	-.24	-.02	.55
16	-.25	-.24	-.25	-.25	-.25	-.25	-.20	-.02	.14	.30	.44	.42	.56	.50	.38	.24	.07	-.08	-.22	-.26	-.25	-.25	-.25	-.25	-.01	.56
17	-.25	-.24	-.24	-.24	-.24	-.24	-.19	-.05	.15	.32	.44	.53	.57	.52	.40	.26	.09	-.07	-.22	-.25	-.24	-.24	-.23	-.24	.00	.57
18	-.24	-.24	-.23	-.23	-.23	-.23	-.18	-.01	.15	.34	.49	.59	.64	.53	.48	.30	.09	-.08	-.21	-.26	-.25	-.25	-.25	-.25	.02	.64
19	-.25	-.25	-.25	-.25	-.25	-.24	-.19	-.01	.15	.17	.38	.44	.37	.47	.29	.11	.02	-.11	-.19	-.22	-.23	-.24	-.25	-.25	-.03	.47
20	-.25	-.25	-.25	-.24	-.24	-.24	-.19	.00	.20	.24	.38	.25	.51	.13	.13	-.06	-.12	-.17	-.21	-.25	-.24	-.24	-.24	-.24	-.07	.51
21	-.24	-.23	-.23	-.23	-.23	-.23	-.17	.01	.17	.34	.50	.57	.59	.55	.42	.26	.10	-.07	-.22	-.26	-.25	-.24	-.24	-.23	.02	.59
22	-.23	-.23	-.23	-.23	-.23	-.22	-.17	.00	.17	.35	.44	.54	.58	.51	.40	.25	.09	-.06	-.21	-.25	-.23	-.24	-.24	-.23	.01	.58
23	-.22	-.22	-.22	-.21	-.20	-.19	-.15	-.09	-.05	.17	.35	.40	.23	.58	.39	.25	.13	.03	-.16	-.21	-.20	-.20	-.23	-.22	-.01	.58
24	-.22	-.22	-.23	-.22	-.22	-.22	-.15	.01	.16	.31	.46	.55	.55	.50	.39	.25	.09	.02	-.08	-.26	-.25	-.25	-.24	-.23	.02	.55
25	-.23	-.23	-.23	-.23	-.23	-.23	-.16	-.01	.15	.32	.45	.55	.59	.22	.29	.23	-.01	-.12	-.21	-.23	-.22	-.22	-.23	-.22	-.01	.59
26	-.22	-.22	-.21	-.20	-.20	-.18	-.14	-.09	.01	.01	-.04	.08	.59	.31	-.10	-.10	-.02	-.12	-.19	-.21	-.22	-.21	-.19	-.20	-.09	.59
27	-.19	-.20	-.19	-.20	-.19	-.18	-.14	-.02	.15	.30	.48	.56	.62	.49	.36	.23	.07	-.14	-.20	-.23	-.22	-.23	-.23	-.24	.02	.62
28	-.24	-.24	-.23	-.23	-.23	-.23	-.15	.00	.16	.34	.46	.51	.56	.55	.44	.25	.09	-.06	-.20	-.25	-.25	-.24	-.23	-.21	.02	.56
29	-.19	-.23	-.23	-.22	-.20	-.19	-.17	-.14	.11	.29	.30	.44	.53	.49	.43	.22	.11	-.08	-.20	-.25	-.24	-.24	-.24	-.23	-.01	.53
30	-.24	-.24	-.23	-.23	-.23	-.22	-.14	-.02	.13	.25	.37	.44	.50	.39	.24	.21	.06	-.05	-.19	-.24	-.23	-.23	-.23	-.21	-.01	.50
AV	-.21	-.21	-.21	-.21	-.21	-.20	-.16	-.03	.13	.29	.42	.46	.52	.44	.33	.16	.03	-.08	-.19	-.22	-.21	-.21	-.21	-.21	.00	.69
SD	.07	.07	.08	.07	.07	.07	.07	.07	.09	.12	.14	.14	.11	.15	.16	.12	.09	.08	.06	.06	.06	.06	.06	.06	.28	[ ]

UNOUT -- 00000 (811111.1807)

NET SOLAR RADIATION (SKY-GROUND) [CC;27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.23	-.21	-.21	-.21	-.21	-.20	-.10	.01	.10	.31	.45	.47	.25	.44	.44	.12	-.07	-.13	-.14	-.20	-.20	-.21	-.23	-.24	-.01	.47
2	-.24	-.24	-.24	-.24	-.24	-.21	-.11	-.03	.14	.35	.47	.45	-.02	.23	.27	-.02	-.10	-.14	-.20	-.21	-.21	-.20	-.19	-.19	-.05	.47
3	-.19	-.19	-.19	-.19	-.19	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.09	.03	-.06	-.09	-.17	-.21	-.20	-.22	-.23	-.14	.09
4	-.24	-.22	-.21	-.21	-.21	-.19	-.14	.03	.44	.61	.62	.81	.60	.55	.21	.31	.25	.09	-.08	-.13	-.10	-.05	-.02	.00	.11	.81
5	.01	.03	.03	.03	.02	.03	.09	.27	.48	.63	.59	.64	.77	.72	.60	.43	.26	.08	-.08	-.09	-.03	-.01	.00	.00	.23	.77
6	.00	.00	.01	.02	.01	.03	.15	.33	.51	.63	.72	.73	.75	.66	.55	.35	.27	.05	-.09	-.13	-.10	-.06	-.02	.00	.22	.75
7	.00	.02	.02	.02	.03	.07	.20	.30	.42	.55	.66	.64	.45	.63	.37	.24	.20	.05	-.06	-.08	-.05	-.04	-.01	-.03	.19	.66
8	.00	-.02	.00	.04	.05	.06	.11	.27	.25	.28	.38	.46	.50	.53	.31	.21	.18	.03	-.06	-.10	-.07	-.08	-.07	-.05	.13	.53
9	-.04	-.04	-.05	-.03	-.05	-.03	.11	.18	.31	.38	.63	.67	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.06	.00	-.07	.14	.67
10	-.04	.02	.03	-.02	.00	.03	.08	.07	.14	.30	.56	.47	.97	.54	.25	.25	.21	.08	-.05	-.16	-.19	.03	-.11	-.08	.14	.97
11	-.05	.10	.10	.10	.09	.10	.21	.30	.28	.57	.33	.44	.53	.81	.59	.36	.35	.10	-.08	-.21	-.19	-.18	-.12	-.05	.19	.81
12	-.10	-.08	-.06	-.10	-.08	-.03	.03	.07	.09	.08	.06	.32	.19	.05	.06	.03	.01	-.08	-.17	-.19	-.20	-.21	-.20	-.21	-.03	.32
13	-.21	-.21	-.22	-.22	-.21	-.21	-.16	.04	.25	.34	.11	.27	.28	.19	.15	.29	.13	-.10	-.18	-.19	-.21	-.23	-.24	-.22	-.03	.34
14	-.23	-.21	-.21	-.18	-.22	-.21	-.14	.02	.25	.40	.55	.63	.64	.63	.28	.23	.18	.00	-.17	-.24	-.24	-.23	-.22	-.20	.05	.64
15	-.21	-.21	-.21	-.20	-.22	-.20	-.13	.02	.21	.41	.29	.60	.50	.22	.45	.33	-.05	-.09	-.15	-.26	-.24	-.22	-.22	-.20	.01	.60
16	-.20	-.20	-.23	-.23	-.23	-.21	-.13	.01	.18	.35	.46	.54	.53	.06	.43	.27	.01	-.09	-.18	-.22	-.20	-.22	-.23	-.23	.00	.54
17	-.25	-.25	-.25	-.24	-.23	-.21	-.10	.07	.24	.41	.51	.59	.61	.55	.45	.33	.13	-.12	-.21	-.25	-.24	-.24	-.24	-.24	.03	.61
18	-.23	-.20	-.21	-.21	-.21	-.17	-.13	.00	.19	.39	.43	.37	.31	.37	.22	.20	-.10	-.18	-.21	-.23	-.21	-.22	-.24	-.21	-.02	.43
19	-.21	-.21	-.22	-.23	-.22	-.07	-.20	-.18	-.06	.32	.49	-.09	.29	.28	.05	.14	.02	.03	-.08	-.22	-.23	-.20	-.21	-.22	-.05	.49
20	-.23	-.23	-.23	-.24	-.23	-.20	-.14	.08	.27	.44	.57	.67	.70	.71	.61	.42	.24	.06	-.11	-.24	-.24	-.24	-.24	-.23	.08	.71
21	-.23	-.23	-.23	-.23	-.23	-.22	-.12	.04	.24	.40	.63	.59	.53	.47	.38	.28	.08	-.05	-.20	-.27	-.27	-.26	-.26	-.26	.02	.63
22	-.25	-.24	-.25	-.25	-.25	-.22	-.12	.02	.25	.38	.50	.46	.57	.53	.52	.11	.04	-.06	-.22	-.25	-.23	-.23	-.24	-.22	.01	.57
23	-.24	-.23	-.25	-.24	-.20	-.19	-.14	.04	-.04	.29	.43	.51	.56	.56	.39	.29	.18	-.07	-.20	-.16	-.23	-.24	-.23	-.24	.01	.56
24	-.24	-.24	-.24	-.25	-.25	-.22	-.08	.09	.24	.30	.43	.58	.42	.12	.24	.25	.03	-.11	-.18	-.26	-.27	-.26	-.26	-.25	-.02	.58
25	-.21	-.25	-.24	-.25	-.24	-.23	-.09	.08	.26	.39	.53	.59	.64	.63	.54	.39	.23	.06	-.10	-.24	-.25	-.24	-.24	-.24	.06	.64
26	-.22	-.23	-.23	-.22	-.23	-.22	-.12	.05	.23	.40	.54	.61	.65	.62	.49	.41	.26	.08	-.11	-.25	-.26	-.25	-.25	-.24	.06	.65
27	-.19	-.22	-.23	-.23	-.20	-.18	-.14	-.02	.11	.24	.63	.39	.04	.11	.29	.09	.13	.16	-.10	-.23	-.24	-.24	-.24	-.24	-.02	.63
28	-.22	-.24	-.23	-.23	-.22	-.18	-.10	.11	.22	.45	.57	.68	.70	.66	.58	.44	.26	.07	-.10	-.26	-.26	-.25	-.24	-.20	.08	.70
29	-.18	-.20	-.22	-.22	-.23	-.22	-.11	.06	.24	.40	.52	.59	.62	.61	.54	.25	.12	-.06	-.15	-.19	-.20	-.23	-.21	-.19	.06	.62
30	-.17	-.20	-.23	-.23	-.22	-.21	-.14	.07	.17	.15	.07	.05	-.10	.34	.26	.17	-.01	-.05	-.05	-.22	-.22	-.23	-.22	-.22	-.06	.34
31	-.20	-.21	-.21	-.21	-.20	-.19	-.07	.10	.29	.47	.59	.71	.68	.64	.54	.41	.25	.07	-.09	-.24	-.24	-.22	-.22	-.20	.09	.71
AV	-.17	-.16	-.16	-.16	-.16	-.14	-.06	.08	.23	.39	.48	.51	.49	.46	.38	.26	.12	-.01	-.13	-.20	-.20	-.18	-.18	-.17	.05	.97
SD	.09	.10	.11	.11	.11	.11	.12	.11	.13	.13	.17	.19	.25	.22	.16	.12	.13	.09	.06	.05	.06	.09	.09	.09	.29	[ ]

UHOUT -- 00000 <811111.1807>

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.20	-.20	-.19	-.21	-.21	-.20	-.10	.01	.19	.42	.52	.41	.66	.27	.14	.44	.24	.14	-.07	-.23	-.25	-.24	-.24	-.23	.04	.66
2	-.23	-.23	-.23	-.22	-.22	-.22	-.10	.07	.25	.41	.56	.66	.67	.65	.56	.29	.04	-.12	-.18	-.20	-.20	-.20	-.19	-.19	.06	.67
3	-.21	-.22	-.22	-.22	-.22	-.18	-.12	-.05	.16	.40	.55	.64	.66	.64	.56	.41	.24	.06	-.10	-.21	-.22	-.24	-.23	-.23	.07	.66
4	-.23	-.24	-.21	-.21	-.22	-.22	-.11	.05	.26	.46	.62	.71	.55	.56	.50	.32	.12	.02	-.07	-.24	-.23	-.23	-.24	-.23	.06	.71
5	-.20	-.23	-.24	-.24	-.23	-.22	-.10	.06	.23	.46	.59	.69	.66	.56	.53	.29	.15	-.07	-.09	-.23	-.25	-.25	-.24	-.24	.06	.69
6	-.22	-.23	-.23	-.23	-.23	-.23	-.11	.06	.26	.43	.53	.61	.66	.65	.56	.39	.09	.01	-.09	-.25	-.25	-.24	-.22	-.22	.06	.66
7	-.22	-.24	-.23	-.23	-.23	-.22	-.11	.05	.24	.40	.52	.60	.71	.63	.33	.37	.25	.08	-.10	-.24	-.25	-.23	-.22	-.24	.06	.71
8	-.23	-.24	-.24	-.23	-.23	-.22	-.12	.07	.27	.45	.58	.70	.65	.65	.57	.43	.26	.08	-.09	-.25	-.25	-.24	-.24	-.24	.08	.70
9	-.24	-.24	-.24	-.24	-.23	-.22	-.11	.06	.24	.41	.53	.62	.63	.61	.51	.38	.22	.05	-.11	-.25	-.25	-.24	-.24	-.24	.06	.63
10	-.23	-.23	-.23	-.23	-.24	-.21	-.11	.03	.17	.38	.39	.50	.46	.48	.56	.24	.07	-.06	-.15	-.22	-.21	-.21	-.24	-.24	.02	.56
11	-.20	-.24	-.24	-.24	-.24	-.23	-.12	.05	.23	.40	.51	.61	.62	.60	.51	.38	.23	.06	-.14	-.23	-.23	-.22	-.22	-.21	.06	.62
12	-.21	-.20	-.21	-.21	-.20	-.20	-.12	-.04	.07	.29	.30	.43	.27	.20	.26	.05	.07	-.12	-.18	-.20	-.22	-.21	-.20	-.20	-.03	.43
13	-.19	-.19	-.20	-.21	-.19	-.19	-.13	.01	.13	.34	.37	.50	.54	.40	.36	.24	-.02	-.13	-.18	-.22	-.24	-.26	-.26	-.25	.00	.54
14	-.23	-.23	-.23	-.23	-.22	-.19	-.13	.08	.28	.20	.53	.61	.63	.27	.37	.03	.00	-.10	-.13	-.19	-.22	-.22	-.21	-.20	.01	.63
15	-.17	-.19	-.20	-.19	-.18	-.18	-.13	-.06	.07	.13	.35	.61	.36	.32	.31	.12	.26	.01	-.02	-.20	-.23	-.22	-.22	-.22	.01	.61
16	-.21	-.22	-.22	-.21	-.21	-.20	-.09	.07	.24	.40	.51	.59	.62	.60	.50	.35	.27	.04	-.07	-.22	-.23	-.21	-.21	-.21	.07	.62
17	-.18	-.22	-.22	-.22	-.21	-.20	-.11	.07	.26	.40	.51	.58	.58	.61	.46	.33	.06	.00	-.16	-.21	-.20	-.19	-.19	-.19	.06	.61
18	-.18	-.19	-.18	-.19	-.19	-.18	-.13	-.07	-.05	.08	.30	.38	.41	.43	.19	.17	.07	.03	-.10	-.22	-.23	-.24	-.23	-.22	-.02	.43
19	-.21	-.22	-.22	-.22	-.21	-.20	-.10	.08	.24	.37	.48	.55	.55	.54	.44	.41	.25	.11	-.12	-.21	-.24	-.23	-.23	-.22	.06	.55
20	-.21	-.22	-.21	-.21	-.21	-.20	-.09	.07	.23	.38	.51	.57	.57	.57	.15	.39	.21	.11	-.10	-.22	-.23	-.21	-.23	-.23	.05	.57
21	-.21	-.22	-.22	-.21	-.21	-.18	-.12	.06	-.09	.20	.49	.40	.20	.66	.54	.43	.19	-.13	-.16	-.19	-.21	-.23	-.22	-.21	.02	.66
22	-.21	-.20	-.21	-.19	-.18	-.17	-.15	.06	.24	.40	.54	.63	.64	.43	.45	-.05	.04	.06	-.12	-.20	-.23	-.22	-.22	-.22	.04	.64
23	-.21	-.22	-.21	-.21	-.21	-.20	-.10	.05	.24	.38	.50	.42	.05	.38	.18	.06	.09	-.04	-.14	-.19	-.22	-.22	-.21	-.21	-.01	.50
24	-.20	-.22	-.21	-.20	-.19	-.20	-.10	.06	.23	.38	.49	.57	.59	.57	.48	.36	-.03	-.03	-.13	-.21	-.22	-.22	-.22	-.22	.05	.59
25	-.20	-.21	-.21	-.20	-.21	-.17	-.10	.04	.19	.38	.50	.47	.13	-.14	.11	-.03	-.12	-.04	-.19	-.23	-.25	-.24	-.24	-.24	-.05	.50
26	-.24	-.24	-.23	-.23	-.23	-.18	-.03	.16	.32	.45	.56	.56	.61	.54	.45	.31	.16	.00	-.18	-.25	-.25	-.25	-.24	-.24	.06	.61
27	-.24	-.23	-.23	-.23	-.23	-.19	-.04	.12	.27	.42	.53	.58	.59	.53	.43	.29	.14	-.01	-.19	-.26	-.27	-.26	-.25	-.24	.04	.59
28	-.25	-.25	-.25	-.24	-.23	-.20	-.05	.10	.25	.40	.56	.69	.70	.68	.58	.44	.28	.11	-.07	-.26	-.26	-.25	-.25	-.24	.08	.70
29	-.22	-.23	-.23	-.22	-.22	-.22	-.12	.09	.25	.39	.28	.64	.66	.53	.43	.43	.23	.01	-.08	-.24	-.25	-.24	-.23	-.21	.05	.66
30	-.19	-.21	-.20	-.22	-.21	-.19	-.12	-.14	-.02	.09	.22	.65	.65	.57	.15	-.10	.08	.07	-.06	-.15	-.20	-.20	-.19	-.20	-.01	.65
AV	-.21	-.22	-.22	-.22	-.21	-.20	-.11	.04	.20	.36	.48	.57	.54	.50	.41	.27	.14	.01	-.12	-.22	-.23	-.23	-.23	-.22	.04	.71
SD	.02	.02	.02	.01	.02	.02	.03	.06	.10	.11	.10	.09	.17	.18	.15	.16	.11	.08	.05	.02	.02	.02	.02	.02	.30	[ ]

GNOUT -- 00000 <811111.1807>

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07.	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.18	-.21	-.22	-.22	-.22	-.21	-.11	.07	.22	.46	.49	.56	.34	.45	.60	.52	.30	.11	-.06	-.24	-.25	-.25	-.24	-.23	.06	.60
2	-.21	-.23	-.23	-.22	-.22	-.22	-.12	.05	.22	.39	.51	.61	.60	.61	.54	.42	.26	.10	-.07	-.24	-.25	-.24	-.24	-.23	.07	.61
3	-.25	-.22	-.22	-.22	-.22	-.21	-.12	.04	.21	.37	.51	.60	.61	.60	.54	.41	.26	.09	-.08	-.26	-.27	-.26	-.26	-.25	.06	.61
4	-.24	-.25	-.24	-.24	-.24	-.23	-.14	.03	.20	.42	.60	.66	.69	.66	.57	.35	.18	.07	-.15	-.21	-.23	-.22	-.21	-.22	.07	.69
5	-.21	-.21	-.20	-.20	-.21	-.20	-.14	-.10	.00	.14	.33	.28	.13	.19	.07	.00	-.03	-.12	-.16	-.17	-.20	-.22	-.22	-.22	-.07	.33
6	-.19	-.20	-.20	-.20	-.20	-.19	-.08	.10	.29	.46	.58	.67	.68	.67	.58	.44	.28	.12	-.08	-.22	-.23	-.23	-.22	-.22	.10	.68
7	-.21	-.21	-.21	-.21	-.21	-.20	-.11	.04	.19	.40	.51	.58	.62	.57	.22	.26	.19	.02	-.11	-.22	-.24	-.24	-.21	-.20	.04	.62
8	-.19	-.20	-.19	-.18	-.17	-.17	-.12	-.01	.15	.37	.52	.49	.55	.56	.17	.21	-.12	-.14	-.20	-.20	-.21	-.22	-.19	-.20	.01	.56
9	-.20	-.20	-.20	-.20	-.22	-.18	-.05	.07	.21	.46	.59	.71	.70	.56	.57	.37	.27	.13	-.05	-.22	-.24	-.23	-.22	-.22	.09	.71
10	-.22	-.21	-.21	-.21	-.21	-.21	-.12	.05	.23	.41	.52	.61	.60	.63	.52	.40	.26	.03	-.12	-.20	-.20	-.22	-.21	-.22	.07	.63
11	-.22	-.19	-.22	-.22	-.22	-.18	-.14	.00	.11	.24	.50	.57	.60	.59	.42	.21	-.01	-.17	-.13	-.19	-.22	-.23	-.22	-.22	.02	.60
12	-.20	-.21	-.21	-.21	-.21	-.20	-.12	.03	.22	.36	.50	.58	.61	.58	.49	.30	.17	-.11	-.15	-.18	-.23	-.23	-.23	-.22	.05	.61
13	-.22	-.21	-.20	-.18	-.18	-.18	-.13	-.06	.13	.24	.24	.17	.38	.09	.14	.23	.29	.13	-.15	-.21	-.22	-.21	-.21	-.22	-.02	.38
14	-.20	-.22	-.22	-.21	-.21	-.21	-.13	.05	.19	.37	.47	.57	.60	.59	.31	.06	-.03	.06	-.07	-.22	-.24	-.23	-.23	-.23	.03	.60
15	-.22	-.23	-.22	-.21	-.22	-.21	-.15	.08	.24	.36	.48	.58	.59	.53	.51	.42	.33	.10	-.08	-.23	-.25	-.24	-.24	-.24	.06	.59
16	-.22	-.23	-.22	-.22	-.22	-.21	-.14	.01	.17	.34	.50	.60	.61	.60	.47	.31	.22	.03	-.18	-.22	-.24	-.24	-.23	-.21	.05	.61
17	-.19	-.20	-.21	-.20	-.20	-.20	-.08	.12	.21	.34	.53	.61	.61	.53	.50	.34	.05	-.06	-.10	-.19	-.24	-.23	-.23	-.22	.05	.61
18	-.20	-.21	-.22	-.22	-.22	-.20	-.13	.01	.15	.32	.46	.53	.52	.46	.28	.21	.17	-.02	-.13	-.23	-.24	-.23	-.22	-.22	.02	.53
19	-.25	-.25	-.25	-.25	-.25	-.22	-.11	.04	.18	.31	.40	.46	.47	.46	.33	.27	.09	-.01	-.19	-.27	-.25	-.25	-.23	-.23	.00	.47
20	-.24	[PF]	-.07	-.23	-.22	-.19	-.08	.12	.24	.37	.35	.49	.55	.53	.41	.14	.18	.00	-.15	-.22	-.23	-.22	-.22	-.21	.05	.55
21	-.20	-.22	-.21	-.21	-.21	-.21	-.14	.01	.17	.32	.44	.50	.43	.30	.15	.28	.23	.20	.03	-.08	-.08	-.07	-.07	-.06	.05	.50
22	-.01	-.03	-.03	-.03	-.01	.01	.07	.19	.16	.38	.34	.41	.71	.34	.27	.36	.08	.06	.06	-.07	-.10	-.09	-.06	-.04	.12	.71
23	-.04	-.07	-.05	-.05	-.04	-.02	.01	.12	.32	.41	.54	.58	.48	.23	.47	.17	.12	.02	.00	-.18	-.21	-.17	-.17	-.17	.10	.58
24	-.15	-.18	-.18	-.19	-.18	-.19	-.12	.04	.17	.40	.52	.57	.13	.59	.49	.34	.20	-.16	-.17	-.19	-.20	-.20	-.20	-.19	.04	.59
25	-.20	-.20	-.21	-.21	-.20	-.20	-.14	-.01	.17	.35	.47	.55	.60	.46	.23	.12	.08	-.16	-.17	-.17	-.19	-.19	-.19	-.19	.02	.60
26	-.19	-.21	-.21	-.20	-.20	-.19	-.12	.00	.21	.35	.48	.58	.44	.31	.28	.03	.01	-.05	-.15	-.20	-.20	-.18	-.16	-.16	.01	.58
27	-.15	-.17	-.17	-.17	-.17	-.16	-.11	.04	.06	.47	.73	.79	.12	.16	.22	.24	.18	.06	-.10	-.18	-.19	-.18	-.18	-.19	.04	.79
28	-.17	-.19	-.19	-.17	-.17	-.18	-.14	-.09	-.04	.05	.32	.53	.29	.33	.05	-.11	.04	.00	-.14	-.18	-.18	-.18	-.18	-.18	-.04	.53
29	-.15	-.17	-.16	-.16	-.17	-.19	-.10	-.03	.16	.44	.63	.72	.71	.69	.56	.20	.10	.01	-.09	-.18	-.19	-.20	-.20	-.22	.08	.72
30	-.19	-.21	-.21	-.21	-.21	-.20	-.14	.04	.23	.40	.52	.63	.64	.61	.55	.42	.25	.09	-.08	-.22	-.23	-.22	-.22	-.22	.08	.64
31	-.21	-.21	-.21	-.21	-.21	-.21	-.15	.02	.21	.39	.53	.62	.64	.63	.51	.40	.23	.07	-.09	-.22	-.23	-.23	-.22	-.22	.07	.64
AV	-.19	-.20	-.19	-.20	-.19	-.19	-.11	.03	.18	.36	.49	.56	.52	.49	.39	.27	.16	.02	-.11	-.20	-.22	-.21	-.20	-.20	.04	.79
SD	.05	.04	.05	.05	.05	.05	.05	.06	.07	.09	.10	.12	.17	.16	.17	.15	.12	.10	.06	.04	.04	.04	.04	.05	.29	[ ]

UHOUT -- 00000 (811111.1607)

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.21	-.22	-.22	-.22	-.21	-.21	-.16	.01	.20	.36	.51	.59	.35	.61	.55	.43	.26	.08	-.15	-.20	-.21	-.20	-.19	-.19	.06	.61
2	-.18	-.19	-.19	-.19	-.18	-.18	-.14	-.04	.21	.40	.49	.58	.52	.36	.18	.05	-.15	-.09	-.10	-.17	-.17	-.18	-.20	-.20	.01	.58
3	-.17	-.18	-.18	-.18	-.17	-.16	-.11	-.02	.14	.54	.57	.74	.66	.52	.64	.25	.38	.08	-.10	-.20	-.21	-.21	-.21	-.21	.09	.74
4	-.19	-.21	-.21	-.21	-.21	-.21	-.15	.03	.22	.40	.55	.65	.67	.63	.55	.37	.15	.03	-.10	-.22	-.23	-.23	-.23	-.22	.07	.67
5	-.20	-.21	-.21	-.21	-.21	-.21	-.17	.00	.19	.35	.59	.60	.61	.60	.52	.38	.24	.07	-.14	-.22	-.22	-.22	-.22	-.22	.06	.61
6	-.20	-.22	-.21	-.21	-.21	-.21	-.16	.00	.17	.36	.49	.57	.59	.57	.49	.38	.22	.06	-.10	-.23	-.23	-.22	-.22	-.22	.05	.59
7	-.21	-.21	-.20	-.19	-.21	-.19	-.13	.00	.17	.33	.48	.58	.61	.14	-.04	.06	.01	-.10	-.15	-.18	-.19	-.20	-.22	-.20	-.01	.61
8	-.16	-.20	-.18	-.19	-.20	-.20	-.14	-.06	.14	.20	.36	.29	.55	.50	-.02	.16	-.03	-.01	-.11	-.18	-.11	-.20	-.21	-.19	-.01	.55
9	-.17	-.19	-.20	-.21	-.21	-.20	-.16	.00	.18	.34	.48	.57	.60	.59	.15	.13	.27	.02	-.15	-.21	-.21	-.21	-.21	-.20	.03	.60
10	-.20	-.21	-.21	-.20	-.20	-.20	-.13	-.07	.08	.31	.48	.53	.59	.47	.17	.20	.22	.05	-.16	-.22	-.22	-.22	-.20	-.19	.02	.59
11	-.17	-.19	-.19	-.18	-.19	-.19	-.17	-.07	.09	.36	.52	.58	.60	.53	.07	-.11	.03	-.02	-.09	-.19	-.20	-.20	-.19	-.18	.01	.60
12	-.18	-.18	-.18	-.18	-.19	-.18	-.14	.00	.16	.39	.46	.55	.63	.62	.55	.07	.11	-.02	-.14	-.19	-.20	-.19	-.19	-.19	.05	.63
13	-.17	-.18	-.18	-.18	-.17	-.17	-.15	-.13	-.13	-.03	.00	-.02	-.07	-.11	-.06	.00	.15	.11	-.08	-.16	-.21	-.19	-.18	-.18	-.10	.15
14	-.16	-.17	-.17	-.17	-.16	-.17	-.11	-.02	.05	.24	.65	.76	.78	.75	.64	.39	.09	.05	-.10	-.20	-.21	-.21	-.21	-.21	.09	.78
15	-.19	-.20	-.20	-.20	-.20	-.20	-.14	.03	.25	.44	.58	.19	-.07	-.04	.04	.11	.12	.07	-.16	-.17	-.18	-.17	-.17	-.17	-.03	.58
16	-.16	-.17	-.17	-.17	-.17	-.18	-.15	.07	.20	.38	.48	.57	.38	-.03	-.09	-.10	-.06	-.06	-.15	-.18	-.21	-.21	-.21	-.20	-.02	.57
17	-.20	-.20	-.20	-.20	-.20	-.19	-.16	-.01	.08	.32	.49	.44	.56	-.03	.03	.17	.19	.06	-.11	-.16	-.17	-.17	-.19	-.19	.00	.56
18	-.18	-.20	-.17	-.17	-.17	-.16	-.14	-.03	.20	.32	.47	.58	.61	.58	.36	.39	.19	.05	-.12	-.22	-.22	-.21	-.21	-.20	.06	.61
19	-.19	-.21	-.20	-.20	-.20	-.20	-.17	-.03	.14	.33	.47	.54	.16	.20	.38	.34	.20	.03	-.13	-.22	-.22	-.21	-.21	-.21	.01	.54
20	-.19	-.21	-.20	-.20	-.20	-.19	-.15	-.05	.08	.33	.36	.59	.60	.56	.47	.34	.19	.02	-.15	-.21	-.19	-.18	-.18	-.18	.04	.60
21	-.17	-.18	-.19	-.21	-.19	-.19	-.16	-.09	.12	.30	.45	.53	.54	.42	.36	.16	.09	.05	-.16	-.19	-.20	-.22	-.21	-.19	.02	.54
22	-.17	-.19	-.19	-.20	-.19	-.20	-.17	-.09	-.05	.11	.40	.48	.56	.59	.22	-.04	-.06	-.07	-.14	-.21	-.21	-.21	-.21	-.20	-.02	.59
23	-.16	-.20	-.20	-.20	-.20	-.20	-.17	-.04	.13	.30	.44	.53	.57	.35	.29	.22	.22	-.02	-.14	-.20	-.19	-.21	-.19	-.19	.02	.57
24	-.21	-.21	-.20	-.19	-.20	-.20	-.18	-.05	.15	.28	.48	.54	.45	.50	.38	.22	.22	.01	-.17	-.20	-.20	-.20	-.20	-.20	.03	.54
25	-.22	-.20	-.19	-.19	-.19	-.19	-.15	-.06	.14	.34	.17	.28	.28	.45	.23	.15	.03	-.04	-.16	-.21	-.21	-.20	-.20	-.20	-.02	.45
26	-.19	-.20	-.20	-.20	-.20	-.20	-.17	-.04	.13	.29	.45	.53	.52	.56	.41	-.11	-.15	-.06	.00	-.04	-.04	-.01	-.11	-.18	.03	.56
27	-.19	-.20	-.18	-.20	-.21	-.20	-.18	-.05	.13	.29	.45	.53	.57	.27	.10	.32	.19	-.06	-.18	-.22	-.22	-.21	-.21	-.21	.01	.57
28	-.19	-.20	-.20	-.20	-.20	-.20	-.17	-.05	.12	.31	.30	.34	-.06	-.09	.18	.35	.20	.03	-.19	-.21	-.19	-.18	-.17	-.17	-.04	.35
29	-.13	-.17	-.12	-.19	-.20	-.20	-.16	-.01	.20	.39	.51	.57	.51	.55	.42	.25	.16	-.09	-.17	-.21	-.20	-.18	-.18	-.18	.05	.57
30	-.18	-.21	-.20	-.20	-.20	-.20	-.18	-.05	.14	.31	.44	.54	.60	.52	.43	.27	.14	-.01	-.21	-.23	-.22	-.22	-.22	-.21	.03	.60
31	-.19	-.20	-.21	-.20	-.21	-.21	-.19	-.07	.16	.30	.38	.53	.58	.41	.46	.23	.15	.00	-.18	-.21	-.20	-.21	-.21	-.21	.02	.58
AV	-.18	-.20	-.19	-.19	-.20	-.19	-.16	-.03	.14	.32	.45	.51	.49	.40	.29	.19	.13	.01	-.14	-.20	-.20	-.20	-.20	-.20	.02	.78
SD	.02	.01	.02	.01	.01	.01	.02	.04	.08	.10	.12	.15	.22	.24	.22	.16	.12	.06	.04	.03	.04	.04	.02	.01	.28	[ ]

QNOUT -- 00000 (811111.1807)

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.19	-.21	-.21	-.21	-.21	-.21	-.20	-.06	.12	.28	.44	.52	.55	.53	.44	.29	.14	-.03	-.19	-.23	-.23	-.22	-.22	-.22	.02	.55
2	-.21	-.22	-.22	-.22	-.21	-.21	-.20	-.07	.12	.30	.43	.53	.54	.28	.16	.15	-.01	-.04	-.20	-.23	-.23	-.21	-.22	-.22	-.02	.54
3	-.21	-.21	-.21	-.20	-.20	-.20	-.19	-.04	.14	.24	.41	.44	.49	.50	.42	.29	.12	-.06	-.19	-.23	-.22	-.22	-.21	-.21	.01	.50
4	-.17	-.19	-.20	-.20	-.18	-.20	-.18	-.08	.01	.26	.42	.50	.54	.50	.20	.00	-.13	-.18	-.18	-.19	-.19	-.18	-.19	-.18	-.02	.54
5	-.16	-.17	-.17	-.18	-.18	-.18	-.17	-.04	-.05	.11	.42	.48	.51	.12	-.16	-.17	-.10	-.10	-.18	-.20	-.20	-.20	-.21	-.21	-.06	.51
6	-.20	-.20	-.20	-.20	-.20	-.20	-.17	-.09	.11	.24	.39	.55	.49	.40	.18	.01	-.06	-.14	-.17	-.18	-.19	-.20	-.18	-.19	-.02	.55
7	-.18	-.19	-.18	-.17	-.17	-.17	-.16	-.14	-.07	-.06	.06	.18	.33	.19	.15	.04	-.07	-.21	-.25	-.25	-.26	-.25	-.25	-.25	-.10	.33
8	-.25	-.24	-.23	-.23	-.22	-.21	-.19	-.09	.01	.16	.30	.34	.36	.32	.19	.06	-.02	-.18	-.27	-.26	-.26	-.25	-.24	-.26	-.07	.36
9	-.26	-.26	-.25	-.25	-.25	-.24	-.21	-.09	.04	.18	.27	.33	.30	.31	.21	.08	-.07	-.20	-.27	-.27	-.26	-.26	-.26	-.26	-.08	.33
10	-.23	-.22	-.20	-.20	-.20	-.20	-.15	.02	.10	.20	.18	.22	.44	.22	.10	.13	.02	-.16	-.20	-.18	-.18	-.20	-.20	-.19	-.05	.44
11	-.19	-.19	-.19	-.19	-.19	-.19	-.18	-.15	-.13	-.13	-.12	-.03	.04	.07	.13	.04	-.01	-.13	-.20	-.22	-.21	-.23	-.23	-.21	-.13	.13
12	-.21	-.20	-.22	-.22	-.21	-.21	-.16	.01	.22	.37	.51	.47	.42	.15	.07	.14	.00	-.18	-.20	-.20	-.20	-.22	-.22	-.22	-.02	.51
13	-.22	-.20	-.20	-.20	-.20	-.20	-.18	-.13	-.12	-.09	-.13	-.12	-.09	.00	-.02	-.05	-.12	-.16	-.23	-.24	-.24	-.22	-.23	-.24	-.16	.00
14	-.26	-.25	-.24	-.24	-.24	-.23	-.18	-.05	.03	.06	.17	.22	.00	.01	-.09	-.16	-.18	-.21	-.22	-.22	-.22	-.22	-.22	-.23	-.13	.22
15	-.23	-.14	-.22	-.23	-.23	-.23	-.19	-.11	-.06	.09	.38	.42	.42	.33	.29	.14	-.09	-.21	-.26	-.26	-.26	-.25	-.24	-.23	-.06	.42
16	-.24	-.24	-.24	-.23	-.23	-.23	-.17	-.07	.00	.14	.28	.38	.31	.24	.13	.02	-.04	-.12	-.24	-.23	-.24	-.23	-.23	-.23	-.07	.38
17	-.24	-.22	-.22	-.22	-.24	-.22	-.20	-.16	-.03	.19	.19	.18	.18	.09	.24	.12	-.05	-.19	-.25	-.26	-.26	-.26	-.25	-.25	-.10	.24
18	-.26	-.26	-.26	-.25	-.25	-.25	-.22	-.11	.03	.18	.27	.31	.33	.28	.19	-.01	-.10	-.19	-.24	-.21	-.24	-.23	-.22	-.23	-.08	.33
19	-.24	-.23	-.23	-.22	-.25	-.25	-.21	-.12	.08	.06	-.01	.01	.33	.15	-.14	.09	-.07	-.21	-.25	-.25	-.22	-.22	-.22	-.22	-.12	.33
20	-.25	-.24	-.23	-.23	-.22	-.21	-.19	-.07	.14	.06	.33	.40	.35	.37	.20	.09	-.06	-.22	-.26	-.26	-.25	-.25	-.25	-.23	-.06	.40
21	-.25	-.25	-.25	-.24	-.23	-.23	-.18	-.08	.06	.19	.29	.33	.34	.29	.20	.06	-.13	-.23	-.25	-.26	-.26	-.25	-.25	-.25	-.08	.34
22	-.24	-.24	-.25	-.25	-.25	-.25	-.22	.06	.10	.24	.37	.41	.45	.10	-.17	-.16	-.17	-.18	-.20	-.20	-.21	-.20	-.21	-.20	-.08	.45
23	-.20	-.21	-.20	-.21	-.21	-.21	-.22	-.23	-.25	-.25	-.15	.41	.39	.32	.15	-.02	-.11	-.27	-.28	-.28	-.28	-.28	-.28	-.27	-.13	.41
24	-.27	-.27	-.28	-.28	-.28	-.27	-.23	-.07	.06	.21	.25	.16	.06	.08	.10	-.05	-.20	-.24	-.25	-.25	-.26	-.24	-.24	-.23	-.12	.25
25	-.25	-.25	-.23	-.24	-.23	-.23	-.22	-.21	-.17	-.08	-.06	.04	.03	-.08	-.15	-.10	-.18	-.22	-.23	-.23	-.23	-.22	-.21	-.22	-.17	.04
26	-.23	-.23	-.22	-.22	-.22	-.22	-.20	-.11	-.12	-.16	-.06	.19	.35	.35	.19	.01	-.16	-.22	-.25	-.25	-.24	-.22	-.22	-.19	-.11	.35
27	-.20	-.22	-.22	-.22	-.23	-.23	-.21	-.17	-.18	-.17	.12	-.03	.40	.01	.04	-.07	-.17	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-.10	.40
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
AV	-.22	-.22	-.22	-.22	-.22	-.22	-.19	-.09	.01	.10	.22	.29	.33	.23	.12	.04	-.07	-.17	-.23	-.23	-.23	-.23	-.23	-.22	-.08	.55
SD	.03	.03	.03	.02	.03	.02	.02	.06	.12	.16	.20	.19	.18	.16	.16	.12	.08	.06	.03	.03	.03	.02	.02	.02	.21	[ ]

QHOUT -- 00000 <811111.1807>

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.38	-.38	-.39	-.38	-.38	-.32	-.18	.04	.03	.22	.37	.45	.31	.01	-.11	-.11	-.22	-.31	-.34	-.37	-.38	-.38	-.37	-.36	-.16	.45
2	-.37	-.37	-.36	-.37	-.37	-.37	-.33	-.16	.03	.20	.35	.39	.37	.30	.17	-.02	-.21	-.37	-.38	-.37	-.38	-.37	-.38	-.38	-.16	.39
3	-.39	-.39	-.38	-.36	-.37	-.37	-.32	-.17	-.05	.10	.26	.32	.29	.15	.12	-.10	-.26	-.34	-.36	-.37	-.37	-.38	-.38	-.38	-.19	.32
4	-.38	-.38	-.39	-.39	-.39	-.38	-.34	-.18	.02	.17	.32	.34	.34	.25	.09	-.11	-.24	-.36	-.36	-.36	-.36	-.36	-.39	-.39	-.18	.34
5	-.39	-.38	-.38	-.38	-.38	-.38	-.34	-.26	-.29	-.27	-.22	-.18	-.02	-.10	-.03	-.11	-.15	-.38	-.38	-.35	-.37	-.37	-.37	-.37	-.29	-.02
6	-.37	-.37	-.37	-.37	-.38	-.38	-.34	-.15	.04	.17	.31	.35	.35	.27	.13	-.06	-.23	-.38	-.40	-.39	-.39	-.39	-.39	-.39	-.17	.35
7	-.39	-.39	-.39	-.39	-.40	-.40	-.35	-.19	.02	.20	.25	.18	.13	.03	.01	-.12	-.21	-.34	-.34	-.34	-.33	-.34	-.34	-.34	-.20	.25
8	-.33	-.34	-.35	-.36	-.39	-.38	-.35	-.17	-.03	.15	.31	.17	.32	.12	-.08	-.23	-.28	-.37	-.36	-.35	-.37	-.39	-.39	-.40	-.20	.32
9	-.38	-.38	-.38	-.38	-.34	-.34	-.32	-.17	.01	.16	.23	.25	.28	.13	-.04	-.14	-.29	-.39	-.40	-.39	-.38	-.38	-.39	-.39	-.20	.28
10	-.38	-.38	-.37	-.38	-.38	-.38	-.36	-.25	.00	.14	.23	.28	.27	.19	.07	-.10	-.28	-.40	-.40	-.40	-.40	-.39	-.39	-.39	-.20	.28
11	-.39	-.39	-.39	-.40	-.39	-.39	-.37	-.22	-.04	.11	.21	.24	.22	.11	.07	-.17	-.33	-.39	-.39	-.38	-.39	-.38	-.35	-.35	-.21	.24
12	-.36	-.38	-.37	-.37	-.37	-.37	-.34	-.23	-.05	.09	.19	.26	.15	.09	.05	-.12	-.29	-.40	-.39	-.39	-.37	-.37	-.37	-.36	-.21	.26
13	-.35	-.34	-.34	-.34	-.37	-.36	-.33	-.23	-.23	-.01	.12	.23	.24	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	-.18	.24
14	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	.17	.13	.05	-.12	-.30	-.39	-.39	-.38	-.38	-.38	-.37	-.37	-.23	.17
15	-.38	-.38	-.38	-.38	-.37	-.35	-.24	-.08	.06	.15	.21	.20	.13	.02	-.17	-.33	-.38	-.39	-.39	-.39	-.38	-.39	-.39	-.38	-.22	.21
16	-.39	-.39	-.39	-.38	-.37	-.37	-.36	-.23	-.07	.03	.16	.14	.18	.09	-.03	-.15	-.32	-.41	-.40	-.39	-.39	-.40	-.39	-.39	-.23	.18
17	-.39	-.39	-.38	-.39	-.38	-.38	-.37	-.25	-.09	.07	.11	.21	.15	.15	-.04	-.19	-.32	-.36	-.37	-.38	-.39	-.39	-.38	-.38	-.23	.21
18	-.39	-.38	-.35	-.38	-.38	-.38	-.36	-.23	-.08	.03	.14	.20	.20	.12	.00	-.20	-.32	-.41	-.41	-.41	-.40	-.41	-.39	-.38	-.23	.20
19	-.38	-.39	-.40	-.40	-.40	-.40	-.38	-.26	-.10	.02	.12	.16	.15	.02	-.16	-.24	-.35	-.39	-.39	-.38	-.38	-.37	-.38	-.37	-.25	.16
20	-.38	-.38	-.40	-.38	-.39	-.39	-.38	-.26	-.10	.05	.12	.17	.12	.05	-.05	-.21	-.35	-.41	-.38	-.38	-.39	-.38	-.39	-.38	-.24	.17
21	-.39	-.39	-.38	-.39	-.38	-.38	-.37	-.26	-.11	.03	.12	.17	.14	.06	-.05	-.21	-.35	-.41	-.41	-.39	-.38	-.38	-.38	-.38	-.24	.17
22	-.38	-.38	-.38	-.38	-.38	-.38	-.36	-.26	-.15	-.13	-.08	-.06	-.07	.06	-.05	-.23	-.33	-.37	-.37	-.38	-.37	-.36	-.35	-.36	-.27	.06
23	-.37	-.37	-.37	-.37	-.37	-.37	-.36	-.25	-.14	.04	.03	.08	.15	.03	-.03	-.19	-.35	-.39	-.38	-.37	-.38	-.35	-.34	-.33	-.24	.15
24	-.34	-.38	-.37	-.37	-.36	-.37	-.35	-.26	-.07	-.06	.10	.06	.06	.05	-.12	-.27	-.33	-.34	-.34	-.35	-.34	-.33	-.34	-.33	-.24	.10
25	-.32	-.33	-.34	-.35	-.34	-.33	-.32	-.28	-.23	-.14	-.06	-.03	-.08	-.06	-.13	-.24	-.33	-.37	-.37	-.37	-.34	-.33	-.34	-.35	-.27	-.03
26	-.35	-.36	-.37	-.33	-.34	-.35	-.34	-.28	-.25	-.23	-.21	-.13	-.18	-.23	-.23	-.28	-.29	-.35	-.36	-.34	-.33	-.33	-.34	-.33	-.30	-.13
27	-.34	-.33	-.33	-.33	-.33	-.33	-.32	-.30	-.31	-.32	-.24	.01	.03	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	-.26	.03
28	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	.17	.22	.18	.10	-.02	-.17	-.33	-.39	-.39	-.39	-.39	-.39	-.38	-.38	-.18	.22
29	-.38	-.36	-.37	-.38	-.38	-.36	-.34	-.28	-.19	-.10	.11	.10	.02	-.11	-.21	-.28	-.31	-.33	-.32	-.33	-.33	-.32	-.32	-.31	-.25	.11
30	-.32	-.32	-.32	-.33	-.33	-.33	-.32	-.27	-.22	-.14	-.14	-.18	-.24	-.21	-.31	-.30	-.33	-.34	-.33	-.33	-.34	-.33	-.33	-.32	-.29	-.14
31	-.34	-.34	-.34	-.32	-.33	-.33	-.32	-.31	-.30	-.26	-.27	-.20	-.22	-.12	-.17	-.22	-.31	-.34	-.34	-.35	-.34	-.34	-.36	-.38	-.30	-.12
AV	-.37	-.37	-.37	-.37	-.37	-.37	-.34	-.23	-.10	.01	.11	.15	.14	.06	-.04	-.17	-.29	-.37	-.37	-.37	-.37	-.37	-.37	-.37	-.23	.45
SD	.02	.02	.02	.02	.02	.02	.04	.07	.11	.15	.18	.17	.16	.13	.11	.07	.05	.03	.02	.02	.02	.02	.02	.02	.21	[ ]

GMOUT -- 00000 <811111.1807>

NET SOLAR RADIATION (SKY-GROUND) [CC;27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF  7/APR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.37	-.37	-.36	-.35	-.38	-.35	-.33	-.33	-.20	.05	.15	.22	.17	.08	-.04	-.19	-.35	-.36	-.37	-.37	-.36	-.34	-.30	-.31	-.22	.22
2	-.32	-.32	-.33	-.33	-.35	-.37	-.36	-.30	-.14	-.01	.13	.09	-.02	.22	.05	-.11	-.30	-.38	-.38	-.38	-.38	-.38	-.37	-.37	-.23	.22
3	-.37	-.37	-.37	-.37	-.37	-.37	-.37	-.33	-.19	-.03	.12	.16	.13	.12	.00	-.18	-.31	-.38	-.37	-.37	-.37	-.36	-.37	-.36	-.24	.16
4	-.37	-.37	-.37	-.37	-.36	-.37	-.36	-.33	-.18	-.04	.08	.15	.17	.10	.00	-.14	-.31	-.38	-.37	-.37	-.37	-.37	-.37	-.37	-.24	.17
5	-.37	-.39	-.37	-.37	-.36	-.36	-.37	-.30	-.16	-.06	-.08	-.04	.08	.09	.00	-.17	-.28	-.37	-.37	-.37	-.36	-.37	-.36	-.36	-.25	.09
6	-.36	-.36	-.36	-.36	-.36	-.36	-.36	-.31	-.14	-.06	.07	.17	.17	.11	.01	-.16	-.32	-.37	-.36	-.36	-.36	-.36	-.36	-.35	-.23	.17
7	-.36	-.36	-.37	-.36	-.36	-.36	-.36	-.34	-.21	-.07	-.04	-.08	-.05	.00	-.12	-.24	-.35	-.37	-.35	-.33	-.34	-.32	-.31	-.31	-.27	.00
8	-.31	-.30	-.32	-.31	-.31	-.30	-.30	-.30	-.27	-.26	-.25	-.22	-.10	-.15	-.21	-.24	-.32	-.32	-.32	-.30	-.30	-.12	-.30	-.30	-.27	-.10
9	-.29	-.29	-.29	-.30	-.30	-.31	-.32	-.30	-.26	-.19	.02	-.05	.16	.12	-.15	-.27	-.36	-.36	-.36	-.38	-.37	-.36	-.36	-.33	-.25	.16
10	-.29	-.30	-.34	-.32	-.31	-.30	-.29	-.26	-.14	-.06	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	-.26	-.06
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	-.34	-.34	-.35	-.34	-.35	-.35	-.34	-.31	-.19	-.07	.02	.04	.08	.08	-.05	-.19	-.32	-.37	-.36	-.36	-.36	-.33	-.34	-.34	-.24	.22
SD	.03	.04	.03	.03	.03	.03	.03	.02	.05	.09	.13	.15	.11	.10	.09	.05	.03	.02	.02	.03	.02	.08	.03	.03	.17	[ ]

GHOUT -- 00000 <811111.1807>

NET SOLAR RADIATION (SKY-GROUND) [CC:27]

LANGLEYS/MINUTE

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.28	.19	.12	.04	-.05	-.08	-.08	-.08	-.09	-.10	-.09	-.08	.00	.28
4	-.10	-.09	-.10	-.09	-.09	-.09	-.08	-.06	.00	.12	.23	.28	.26	.23	.14	.01	-.08	-.09	-.08	-.10	-.10	-.10	-.09	-.10	-.01	.28
5	-.10	-.10	-.09	-.09	-.08	-.08	-.06	.02	.14	.21	.24	.23	.20	.08	.02	-.07	-.09	-.09	-.09	-.10	-.09	-.09	-.10	-.09	-.01	.24
6	-.09	-.08	-.07	-.06	-.07	-.07	-.06	-.05	.03	.15	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-.04	.15
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
9	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.02	.03	.04	.04	-.01	-.06	-.12	-.12	-.11	-.09	-.09	-.08	-.06	-.06	-.05	.04
12	-.06	-.07	-.06	-.06	-.06	-.07	-.07	-.06	-.04	.00	.04	.06	.08	.05	.02	-.01	-.05	-.07	-.07	-.06	-.06	-.07	-.06	-.05	-.03	.08
13	-.07	-.06	-.06	-.07	-.05	-.05	-.06	-.06	-.03	-.02	-.01	.00	.01	-.01	-.03	-.04	-.05	-.06	-.06	-.07	-.07	-.07	-.07	-.08	-.05	.01
14	-.10	-.07	-.09	-.10	-.11	-.10	-.12	-.11	-.10	-.06	-.04	-.02	-.05	.00	-.02	-.05	-.08	-.09	-.10	-.10	-.09	-.10	-.10	-.10	-.08	.00
15	-.09	-.08	-.10	-.07	-.06	-.07	-.06	-.06	-.05	-.04	.00	.00	.01	.00	-.02	-.06	-.09	-.10	-.10	-.10	-.08	-.08	-.07	-.06	-.06	.01
16	-.06	-.06	-.07	-.07	-.09	-.09	-.09	-.09	-.06	-.03	.01	.02	.02	.01	-.05	-.07	-.10	-.11	-.10	-.10	-.10	-.09	-.09	-.09	-.06	.02
17	-.10	-.09	-.09	-.08	-.08	-.07	-.07	-.06	-.03	.06	.05	.05	.01	.03	.01	-.02	-.08	-.11	-.11	-.12	-.11	-.10	-.09	-.08	-.05	.06
18	-.08	-.07	-.07	-.07	-.07	-.07	-.07	-.05	.02	.14	.10	.05	.08	.07	.02	-.07	-.13	-.12	-.13	-.13	-.12	-.13	-.12	-.10	-.05	.14
19	-.11	-.12	-.11	-.09	-.11	-.11	-.11	-.11	-.07	-.01	.07	.12	.14	.11	.05	-.06	-.12	-.12	-.12	-.12	-.12	-.13	-.12	-.11	-.06	.14
20	-.11	-.11	-.11	-.10	-.10	-.10	-.10	-.10	-.06	.01	.07	.16	.10	.06	.02	-.04	-.10	-.10	-.11	-.11	-.10	-.09	-.08	-.06	-.05	.16
21	-.07	-.10	-.11	-.10	-.10	-.10	-.09	-.08	-.02	.03	.09	.08	.08	.06	.04	-.01	-.08	-.08	-.07	-.06	-.07	-.08	-.10	-.10	-.04	.09
22	-.09	-.09	-.08	-.07	-.07	-.06	-.06	-.08	-.03	.03	.06	.13	.24	.21	.11	.01	-.04	-.08	-.08	-.08	-.08	-.07	-.08	-.06	-.02	.24
23	-.07	-.09	-.09	-.07	-.07	-.07	-.07	-.05	-.05	-.06	-.02	.00	.02	.00	-.03	-.04	-.07	-.07	-.06	-.05	-.06	-.06	-.07	-.06	-.05	.02
24	-.07	-.07	-.06	-.06	-.06	-.06	-.07	-.07	-.06	-.03	-.01	.00	.03	-.01	-.02	-.04	-.07	-.08	-.08	-.08	-.09	-.10	-.10	-.10	-.06	.03
25	-.14	-.15	-.15	-.15	-.15	-.15	-.15	-.15	-.14	-.09	-.06	-.03	-.03	-.05	-.10	-.16	-.17	-.16	-.16	-.16	-.16	-.17	-.16	-.16	-.13	-.03
26	-.17	-.16	-.16	-.16	-.17	-.17	-.16	-.15	-.13	-.09	-.06	-.04	-.05	-.06	-.08	-.14	-.17	-.16	-.15	-.14	-.12	-.13	-.14	-.15	-.13	-.04
27	-.15	-.15	-.15	-.15	-.16	-.15	-.14	-.14	-.12	-.06	-.05	.01	.03	.01	-.02	-.08	-.10	-.10	-.10	-.10	-.10	-.11	-.11	-.12	-.10	.03
28	-.11	-.10	-.11	-.11	-.11	-.12	-.11	-.11	-.11	-.18	-.16	-.07	-.08	-.09	-.12	-.13	-.13	-.14	-.14	-.14	-.15	-.15	-.15	-.14	-.12	-.07
29	-.14	-.15	-.14	-.14	-.14	-.14	-.14	-.14	-.13	-.08	-.06	-.06	-.07	-.07	-.09	-.12	-.15	-.15	-.14	-.14	-.14	-.15	-.14	-.14	-.12	-.06
30	-.14	-.13	-.14	-.14	-.14	-.13	-.13	-.13	-.13	-.08	-.06	-.05	-.05	-.07	-.10	-.13	-.15	-.14	-.14	-.14	-.14	-.14	-.14	-.14	-.12	-.05
31	-.13	-.14	-.14	-.14	-.14	-.13	-.15	-.14	-.12	-.08	-.06	-.05	-.04	-.05	-.09	-.12	-.15	-.13	-.13	-.14	-.14	-.14	-.14	-.14	-.12	-.04
AV	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.09	-.06	-.01	.02	.04	.05	.04	-.01	-.06	-.10	-.11	-.10	-.10	-.10	-.11	-.10	-.10	-.07	.28
SD	.03	.03	.03	.03	.04	.03	.03	.04	.05	.09	.09	.09	.11	.09	.07	.05	.04	.03	.03	.03	.03	.03	.03	.03	.08	[ ]

UNOUT -- 00000 (811111.1807)

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	81	80	80	80	81	82	82	81	82	78	68	60	65	74	80	85	79	73	76	77	70	69	65	64	76	85
2	66	67	67	69	71	72	73	73	72	69	65	68	70	72	74	78	79	80	81	81	79	79	78	76	73	81
3	74	74	74	75	75	75	75	76	74	70	65	58	46	46	45	44	48	53	59	64	67	63	56	54	63	76
4	54	53	53	53	54	48	44	43	41	41	45	47	48	49	58	65	68	70	67	69	60	60	60	66	55	70
5	66	67	72	75	76	77	78	79	83	85	81	75	71	67	62	64	67	69	74	79	82	85	85	86	75	66
6	88	86	75	57	48	47	47	45	44	41	40	40	41	40	40	39	38	39	39	41	43	46	49	54	49	88
7	60	63	66	67	69	69	70	70	69	65	58	50	43	39	36	36	37	40	49	57	64	68	71	72	58	72
8	73	74	74	74	74	75	75	76	75	66	56	45	44	43	43	40	41	49	56	62	67	70	71	73	62	76
9	74	74	75	76	76	77	77	77	76	67	58	48	41	40	40	41	45	49	55	62	67	71	73	75	63	77
10	75	76	77	78	79	79	80	80	77	67	54	45	39	37	37	39	41	47	54	63	70	74	77	78	63	80
11	80	81	82	82	83	83	83	83	80	75	66	59	55	50	50	54	58	61	64	67	71	76	79	83	71	83
12	84	84	83	83	82	82	82	82	80	69	58	49	44	42	41	41	43	51	63	73	79	81	80	80	68	84
13	81	80	80	79	79	80	82	82	77	68	57	48	35	49	38	32	34	39	47	54	60	64	70	74	62	82
14	76	76	76	76	79	81	82	83	83	76	67	57	48	45	44	45	49	53	60	70	73	72	72	73	67	83
15	76	78	78	76	75	79	80	79	76	69	60	51	38	32	33	31	32	38	50	57	59	60	60	63	60	80
16	65	67	67	67	67	67	68	70	70	67	59	50	41	33	31	33	37	41	43	44	46	51	52	50	54	70
17	45	43	43	44	46	48	49	50	50	46	39	39	39	36	32	28	29	34	43	45	46	46	48	51	42	51
18	48	48	51	56	60	64	68	72	73	68	62	58	51	48	43	37	38	40	42	45	54	64	70	70	55	73
19	70	70	70	72	75	80	83	84	77	65	57	50	48	42	37	25	25	26	29	37	41	45	48	57	55	84
20	68	76	78	75	76	79	80	78	72	67	54	44	42	41	45	46	51	57	61	66	68	71	75	78	65	80
21	68	55	50	49	48	47	48	52	57	55	56	78	88	86	80	76	72	58	54	60	68	76	79	68	64	88
22	56	59	66	69	70	71	71	70	70	63	54	47	40	43	40	38	40	42	43	48	51	51	50	51	54	71
23	53	52	54	58	61	64	65	67	67	62	52	46	41	37	37	40	45	49	52	56	60	64	65	66	55	67
24	68	71	75	76	78	81	83	82	79	72	63	55	50	45	42	42	48	53	57	62	66	70	74	76	65	83
25	74	74	75	78	81	83	85	85	82	77	71	59	50	41	37	39	44	52	60	68	73	77	81	84	68	85
26	86	87	87	87	87	87	88	87	85	73	61	55	52	48	45	44	47	50	58	63	65	69	72	70	69	88
27	51	47	60	73	50	42	41	42	43	42	38	33	29	26	25	25	29	40	52	66	71	71	71	72	47	73
28	72	75	79	81	81	82	82	82	78	67	57	48	43	40	37	41	46	51	55	64	71	76	78	80	65	82
29	81	79	79	79	77	76	77	76	76	76	68	53	46	42	37	33	33	35	39	43	48	59	68	70	60	81
30	72	73	75	75	76	77	76	77	74	67	57	50	44	42	40	38	36	36	47	58	69	73	76	76	62	77
31	76	80	84	86	88	88	86	84	83	77	66	53	47	46	50	54	69	76	69	75	76	85	89	87	74	89
AV	70	70	71	72	72	72	73	73	72	66	58	52	48	46	44	44	47	50	55	61	64	67	69	70	62	69
SD	11	12	11	11	12	13	13	13	12	11	9	10	12	13	13	15	15	13	12	12	11	11	11	11	16	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	87	87	86	85	89	88	88	87	84	70	55	44	41	40	37	35	35	40	48	53	54	60	70	83	64	89
2	86	87	83	84	86	88	88	89	88	77	58	48	38	37	36	38	40	42	43	45	47	49	49	48	61	89
3	51	72	78	82	86	87	84	78	74	79	77	78	76	74	71	75	79	80	73	72	69	68	64	62	75	87
4	62	62	62	61	60	61	59	58	58	56	54	53	53	51	50	49	49	49	49	49	52	56	59	59	55	62
5	63	65	66	66	65	66	66	66	65	61	54	49	47	45	41	38	36	39	49	56	61	62	64	65	56	66
6	66	67	68	68	69	72	71	71	68	59	52	49	47	44	42	42	44	48	56	63	68	69	69	71	60	72
7	72	73	74	74	74	75	76	76	70	58	49	47	45	41	40	37	36	40	50	57	63	67	69	72	60	76
8	74	75	77	77	77	76	73	72	69	64	54	44	37	32	33	43	52	52	52	51	52	58	64	69	59	77
9	72	75	76	78	79	79	78	78	74	64	52	47	43	44	46	49	50	52	55	59	64	69	69	68	63	79
10	69	70	73	77	79	80	80	82	78	67	55	44	36	34	33	30	32	34	39	47	56	63	68	70	58	82
11	72	73	72	72	73	72	72	72	71	65	50	43	38	36	36	35	35	37	50	61	67	70	72	75	59	75
12	76	78	80	82	85	85	86	85	76	66	54	51	47	46	45	45	45	47	54	63	72	77	80	82	67	86
13	84	84	82	83	86	87	87	87	85	73	61	52	46	46	47	46	41	43	49	54	58	61	65	69	66	87
14	70	70	71	70	70	72	73	74	74	70	62	52	45	41	39	42	47	48	53	64	71	76	79	83	63	83
15	87	89	90	90	90	89	89	88	83	78	70	60	50	41	41	45	49	52	58	64	69	72	73	73	70	90
16	77	80	80	80	81	81	80	81	78	73	66	60	55	55	65	81	83	81	82	86	88	90	91	90	78	91
17	89	90	90	91	90	90	89	89	89	89	87	76	71	68	67	58	56	63	70	76	79	82	84	85	80	91
18	86	86	85	85	84	85	86	87	84	72	59	50	54	50	41	38	43	48	57	68	75	78	80	80	69	87
19	80	81	82	81	83	85	87	83	73	62	52	45	41	[RF]	[RF]	[RF]	[RF]	[RF]	53	61	66	71	75	78	70	87
20	79	82	85	86	85	87	88	82	67	56	45	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	59	68	74	80	81	82	76	88
21	84	86	87	89	89	89	87	77	62	52	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	70	75	78	80	79	89
22	82	85	88	88	86	88	89	87	81	70	59	49	38	37	35	33	30	31	39	51	53	58	62	61	62	89
23	57	55	55	55	53	56	62	62	60	56	51	44	37	31	24	19	18	20	24	33	42	51	56	59	45	62
24	62	69	75	78	78	77	83	74	54	44	39	34	31	30	28	27	32	35	39	45	56	65	71	73	54	83
25	76	78	81	85	87	87	87	87	76	59	46	35	30	30	30	29	29	34	42	54	62	66	70	75	60	87
26	76	77	81	84	85	86	84	77	65	51	42	38	39	38	35	33	37	45	55	62	67	68	72	77	61	86
27	82	85	84	85	86	86	83	78	73	65	53	44	40	35	33	42	43	49	56	59	60	65	69	72	64	86
28	77	81	83	86	88	88	88	87	77	67	54	47	41	36	29	25	24	27	39	50	55	55	57	62	55	88
AV	75	77	78	79	80	81	81	79	73	65	56	49	45	42	41	41	43	45	52	58	63	67	70	72	64	91
SD	10	9	8	9	9	9	9	8	9	10	10	10	11	11	12	14	15	14	12	11	10	10	9	10	13	[ ]

GHOUT -- 00000 <811111.1607>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	65	69	75	77	76	78	80	79	68	56	52	49	47	43	37	38	39	40	42	44	48	53	58	61	57	80
2	69	77	75	76	79	80	81	83	75	64	52	42	38	35	34	35	56	78	88	88	84	81	86	90	69	90
3	90	89	88	87	87	86	86	86	86	85	82	80	80	71	60	54	57	72	75	85	86	85	84	84	80	90
4	83	81	80	78	77	74	73	71	69	66	61	58	55	53	49	50	57	60	63	67	72	76	78	80	68	83
5	82	82	81	81	82	84	82	76	67	57	49	45	42	41	43	50	44	49	60	69	83	83	81	77	66	84
6	73	73	72	71	69	71	72	69	64	57	49	46	44	43	42	41	35	28	36	49	58	64	69	68	57	73
7	68	71	69	69	71	70	69	69	65	57	49	39	31	25	23	24	25	30	37	45	47	50	53	59	51	71
8	64	67	67	68	72	72	71	73	68	60	54	48	47	40	33	31	35	33	38	40	46	46	49	51	53	73
9	55	60	60	62	63	68	69	65	56	47	36	30	28	27	24	21	20	20	22	30	37	38	40	41	42	69
10	40	39	44	55	65	68	69	68	67	61	51	41	33	32	30	24	25	27	31	33	37	43	50	57	45	69
11	58	62	64	66	69	75	80	80	74	62	52	49	49	51	50	48	47	52	55	60	61	60	61	62	60	80
12	63	62	70	81	65	54	53	53	50	42	30	20	17	16	16	16	17	19	23	28	36	50	58	62	42	81
13	65	67	74	78	76	76	76	70	56	47	40	32	29	29	29	29	29	30	35	47	59	66	70	75	54	78
14	77	79	80	82	84	86	83	76	65	55	50	46	43	49	52	54	54	54	56	59	67	72	76	76	66	86
15	76	76	82	88	87	84	82	76	61	56	51	44	34	36	43	41	41	39	40	49	59	62	62	63	60	88
16	65	68	69	65	63	63	65	55	46	43	37	38	36	45	39	35	40	49	63	73	78	79	80	81	57	81
17	79	63	51	53	57	64	67	61	49	46	51	38	33	29	30	29	29	30	35	40	45	48	51	55	47	79
18	59	65	71	76	80	82	73	62	48	29	16	16	17	16	15	17	17	26	63	88	87	85	84	85	53	88
19	84	79	66	63	65	66	66	65	65	57	45	44	40	36	38	38	35	34	34	35	35	37	39	44	50	84
20	44	46	49	48	48	48	48	44	37	33	32	30	27	25	25	24	21	21	25	33	47	56	61	70	39	70
21	76	76	74	74	74	75	75	67	54	43	39	35	33	33	29	25	25	35	46	57	63	66	66	67	54	76
22	67	67	67	71	74	75	76	67	54	42	34	32	30	28	26	23	21	21	23	29	37	38	39	48	45	76
23	53	55	58	62	64	61	59	54	47	41	34	30	27	25	23	22	21	22	25	34	43	48	53	58	42	64
24	61	63	67	68	69	67	61	54	45	37	33	31	27	25	23	22	21	22	25	29	32	41	51	54	43	69
25	55	58	62	66	74	81	74	59	52	46	41	35	30	27	25	22	22	24	26	30	37	42	45	49	45	81
26	49	49	49	51	53	56	60	60	59	53	59	72	72	78	84	75	70	70	78	85	86	85	85	85	68	86
27	83	82	82	82	82	82	82	81	76	71	56	41	41	40	37	34	33	37	47	52	53	55	59	59	60	83
28	60	62	66	66	64	62	60	59	51	44	38	34	31	30	29	26	23	24	26	28	31	35	37	38	43	66
29	37	37	39	46	66	59	65	79	84	84	83	75	67	77	85	79	62	55	54	53	54	58	65	68	64	85
30	69	72	74	71	71	72	80	79	62	53	49	42	33	32	39	38	37	31	34	41	50	57	57	59	54	80
31	62	67	71	76	76	77	73	64	53	45	36	34	32	30	29	24	22	20	21	24	25	25	26	26	43	77
AV	66	67	68	70	71	71	71	68	60	53	46	42	38	38	37	35	35	37	43	49	54	58	60	63	54	90
SD	13	12	12	11	9	10	9	10	12	13	14	14	14	16	16	16	15	17	18	20	18	17	16	15	19	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	25	25	26	25	24	24	26	29	25	20	18	17	17	17	16	17	18	21	25	28	31	47	76	79	28	79
2	77	76	50	42	40	38	36	34	33	32	28	23	19	17	15	15	13	14	17	24	33	39	45	49	34	77
3	55	54	60	65	65	62	61	60	53	46	38	32	28	23	17	14	14	17	18	23	26	26	27	28	38	65
4	29	30	32	37	41	46	50	45	34	26	21	19	18	16	17	28	36	37	40	41	43	44	43	44	34	50
5	47	51	54	56	59	64	60	54	44	37	32	29	24	20	20	18	20	21	22	24	27	31	37	42	37	64
6	50	55	62	68	70	70	72	64	57	47	43	37	36	29	22	21	21	21	22	28	35	40	45	51	44	72
7	56	59	61	64	71	86	87	81	73	63	54	48	49	36	29	38	35	37	43	50	54	58	61	62	56	87
8	61	61	61	60	61	64	60	47	36	30	25	22	18	16	14	14	14	14	16	19	24	28	34	39	35	64
9	44	48	53	56	61	64	60	53	39	30	28	25	21	20	19	18	19	26	31	35	38	41	43	48	38	64
10	50	54	55	58	62	66	60	47	40	34	30	26	22	19	16	14	12	12	13	14	18	20	20	20	33	66
11	21	24	25	28	27	25	30	31	26	23	23	23	23	24	27	31	33	35	45	69	68	52	43	40	33	69
12	39	40	42	72	79	77	76	74	61	53	46	42	38	34	30	29	29	29	29	32	38	46	52	57	48	79
13	62	64	67	71	75	78	77	64	53	43	36	30	27	25	23	16	14	14	14	16	20	21	23	24	40	78
14	24	25	27	29	33	39	41	35	27	20	17	15	13	11	10	9	10	11	13	15	20	25	27	30	22	41
15	33	35	36	38	43	47	47	41	35	30	27	25	23	21	20	17	16	16	17	19	21	26	33	36	29	47
16	36	35	35	35	35	37	37	36	35	33	31	30	28	27	25	23	21	20	21	23	28	32	36	38	31	38
17	41	44	46	49	50	51	51	45	39	34	29	26	23	21	19	18	17	16	17	20	23	28	31	33	32	51
18	36	39	43	46	49	52	50	45	38	31	26	23	20	19	22	23	23	23	25	28	31	33	35	38	33	52
19	40	38	38	39	44	49	49	45	39	35	31	28	27	27	28	29	30	32	31	31	32	35	40	43	36	49
20	45	47	51	54	57	57	56	51	46	42	40	39	37	34	35	37	39	38	36	35	36	38	40	42	43	57
21	44	48	51	54	58	63	59	51	44	38	30	25	22	22	21	20	19	18	18	19	21	23	27	31	34	63
22	35	38	41	43	44	46	45	41	35	32	28	25	23	19	18	15	13	12	13	14	16	21	24	29	28	46
23	35	43	52	60	65	66	68	69	67	74	70	59	48	40	29	25	29	38	44	44	45	45	47	50	51	74
24	54	60	67	70	72	74	71	60	47	35	28	22	19	17	15	13	12	12	14	18	20	23	25	28	37	74
25	32	37	41	45	48	51	51	44	38	32	28	24	21	20	23	22	21	21	24	27	28	31	36	40	33	51
26	43	47	49	51	53	54	52	48	45	44	47	42	36	36	49	53	50	49	59	68	67	68	71	70	52	71
27	73	77	78	81	82	80	75	68	61	56	50	43	35	29	26	24	26	29	31	35	40	45	51	57	52	82
28	61	65	68	70	72	68	61	50	40	36	31	28	24	25	19	17	17	17	19	23	26	28	28	28	38	72
29	27	26	26	30	40	47	49	49	48	46	48	51	49	40	36	34	32	29	29	30	33	34	34	37	38	51
30	39	41	39	37	43	51	50	45	40	36	33	28	26	23	22	21	21	21	21	23	26	32	36	41	33	51
AV	44	46	48	51	54	57	56	50	43	38	34	30	27	24	23	22	22	23	26	29	32	35	39	42	37	87
SD	14	14	14	15	16	16	14	13	12	12	12	10	10	8	8	9	10	10	12	14	13	12	13	13	17	[ ]

WHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	44	46	47	49	52	53	56	53	48	41	39	37	34	34	34	29	28	27	29	45	57	59	63	68	45	68
2	74	78	79	81	81	81	80	76	65	52	47	40	37	59	72	51	43	42	44	45	49	53	58	61	60	81
3	56	56	59	73	78	77	76	76	72	65	55	48	43	40	40	40	56	71	76	77	85	82	74	78	65	85
4	81	78	79	79	80	80	80	79	75	69	59	[RF]	37	37	23	12	11	13	16	20	23	23	25	35	48	81
5	38	34	32	33	34	37	35	33	30	25	21	18	12	11	9	7	7	8	10	16	20	24	27	33	23	38
6	38	43	45	46	47	46	41	33	27	22	19	17	15	14	12	11	10	11	15	18	21	24	27	31	26	47
7	35	37	40	44	44	44	41	38	34	29	26	27	28	28	28	30	30	31	34	38	41	43	43	42	36	44
8	40	42	47	52	55	54	52	46	40	37	33	31	23	17	15	14	14	16	18	19	20	24	29	28	32	55
9	28	28	30	32	31	32	29	27	25	24	23	23	21	19	21	27	33	34	36	40	59	77	77	76	36	77
10	75	79	83	84	85	83	77	59	42	36	44	31	28	31	43	45	47	49	49	55	68	73	80	86	60	86
11	88	88	87	87	86	85	85	82	72	61	55	48	49	46	37	33	31	29	36	47	56	63	72	74	62	88
12	76	77	79	82	84	84	77	66	62	54	51	48	44	40	38	42	50	49	46	38	49	55	60	65	59	84
13	62	58	57	52	49	53	56	53	41	34	31	32	31	35	32	44	48	50	54	57	60	63	69	75	50	75
14	77	76	79	80	79	82	78	64	55	48	42	35	28	25	23	22	23	27	30	34	37	41	49	54	50	82
15	55	59	62	67	70	71	68	59	46	40	35	29	26	30	31	29	27	28	37	43	48	52	57	61	47	71
16	62	61	61	66	72	76	71	57	47	38	34	31	28	48	39	29	35	44	46	50	52	54	59	68	51	76
17	75	79	82	83	84	78	64	52	47	42	36	38	27	26	23	21	18	19	21	24	30	35	39	41	45	84
18	44	46	46	47	47	48	48	47	43	30	25	23	21	20	18	17	17	18	21	35	47	52	55	60	36	60
19	63	65	69	74	76	73	75	82	77	66	55	44	47	46	55	47	52	52	50	56	62	68	41	40	60	82
20	51	60	68	72	75	75	68	55	43	38	31	26	24	21	19	17	17	18	19	26	32	41	48	53	42	75
21	57	63	66	72	74	68	57	44	38	33	30	23	15	12	10	7	7	9	12	16	18	21	25	30	34	74
22	35	39	43	49	54	57	53	43	33	26	24	21	19	16	16	15	16	17	20	23	28	31	33	36	31	57
23	40	43	47	49	51	53	55	51	46	42	38	35	31	29	26	24	23	23	25	35	45	47	55	61	41	61
24	69	69	68	73	75	71	61	49	40	35	34	32	31	33	36	38	35	37	39	37	36	35	35	39	46	75
25	44	51	59	65	65	62	55	46	38	33	30	28	25	21	19	17	16	16	17	20	23	27	32	38	35	65
26	48	54	59	62	64	61	52	44	37	33	29	25	21	18	15	13	10	10	10	12	14	14	15	16	31	64
27	18	21	23	25	28	30	33	33	31	30	29	28	28	33	31	26	22	21	22	23	26	29	31	32	27	33
28	33	35	42	51	53	52	52	51	42	30	22	19	19	18	18	19	19	19	19	20	22	25	29	31	31	53
29	33	35	38	42	45	47	45	40	36	31	28	28	27	25	24	22	22	23	27	36	39	39	42	45	34	47
30	47	51	56	61	63	61	58	56	55	54	60	84	83	72	66	57	55	52	53	59	69	75	79	81	63	84
31	83	83	84	83	79	71	61	56	55	47	41	30	24	20	16	14	13	13	15	17	20	25	26	29	42	84
AV	54	56	59	62	63	63	59	53	47	40	36	33	30	30	29	26	27	28	31	35	41	44	47	51	43	88
SD	19	18	18	17	17	16	15	15	14	13	12	13	13	14	15	14	15	16	16	16	18	19	19	19	20	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

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*******************
*                 *
*    FINAL DATA   *
* AS OF 30/MAR/83 *
*                 *
*******************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	30	34	36	40	46	46	38	31	27	21	16	14	11	17	22	20	19	19	21	24	29	33	36	40	28	46
2	45	49	55	60	63	58	50	40	34	32	31	28	24	23	18	18	17	18	20	25	28	35	38	40	35	63
3	42	47	50	54	59	60	58	54	47	43	39	34	28	23	20	18	17	16	17	18	20	24	29	33	35	60
4	35	38	41	45	47	48	44	34	23	18	16	15	13	11	9	9	10	10	11	13	15	18	21	25	24	48
5	28	29	27	28	32	35	33	26	21	17	15	13	11	10	9	9	13	25	33	40	46	48	52	54	27	54
6	59	59	59	55	52	49	44	38	34	31	28	25	24	21	20	18	18	18	17	17	19	23	25	27	33	59
7	29	30	33	36	38	40	36	32	29	26	21	18	14	13	12	12	11	11	11	11	11	12	13	14	21	40
8	15	17	20	23	25	27	31	37	38	35	33	30	27	27	24	21	19	19	19	19	23	28	34	44	26	44
9	47	50	53	57	63	66	61	51	47	39	32	30	29	26	23	21	20	19	18	20	24	28	31	34	37	66
10	37	40	42	44	47	48	43	38	33	29	25	22	20	18	17	16	17	17	19	21	23	24	27	31	29	48
11	35	38	41	45	49	50	46	41	38	35	32	28	24	20	16	14	13	14	17	20	23	26	27	29	30	50
12	30	32	34	35	36	37	36	34	31	28	26	24	22	19	17	16	16	16	16	19	22	23	23	25	26	37
13	26	28	30	32	34	37	38	33	27	22	18	16	15	12	12	13	14	14	15	17	19	20	23	24	22	38
14	28	30	31	33	35	36	35	32	32	34	32	30	29	33	34	36	37	39	45	55	60	61	64	67	40	67
15	68	69	69	70	71	71	69	67	63	59	55	51	47	43	41	39	38	37	38	41	44	48	53	57	55	71
16	61	65	68	73	75	70	61	51	47	45	41	36	32	28	24	22	23	25	26	29	33	39	46	54	45	75
17	57	59	63	69	72	70	62	57	51	45	41	37	33	28	27	26	25	25	27	31	39	45	51	58	46	72
18	63	64	64	64	65	65	64	61	56	56	53	52	48	43	40	39	37	34	32	32	33	36	38	41	49	65
19	43	46	50	53	56	59	56	51	47	42	38	33	28	24	26	27	26	27	34	45	46	48	50	53	42	59
20	57	61	64	65	65	66	61	51	45	42	39	34	23	22	24	23	21	21	23	26	28	31	34	37	40	66
21	40	45	49	51	54	55	53	49	54	52	44	38	37	34	30	28	27	33	39	44	52	58	59	61	45	61
22	65	71	76	75	72	70	66	54	47	43	39	34	29	24	24	29	33	32	31	32	33	35	39	42	46	76
23	45	48	52	56	59	57	48	44	41	38	34	30	29	29	28	31	38	39	40	41	44	48	51	56	43	59
24	58	61	64	66	66	67	61	55	49	41	41	37	32	27	23	21	23	26	27	30	32	37	43	46	43	67
25	48	49	52	55	57	56	53	48	43	40	38	36	35	38	43	48	71	68	63	63	72	80	86	87	55	87
26	84	86	85	86	83	80	70	57	51	45	40	32	27	24	22	20	19	19	19	21	26	31	36	39	46	86
27	43	47	52	58	62	62	54	44	36	30	28	23	19	16	15	14	14	14	14	15	16	18	20	23	31	62
28	27	28	30	33	37	37	32	28	25	22	18	14	13	11	10	9	9	9	8	9	10	13	15	18	19	37
29	20	22	23	23	23	23	23	22	19	17	16	16	15	14	13	12	12	12	12	12	13	15	18	20	17	23
30	21	22	23	24	24	25	28	35	39	38	35	30	28	28	36	48	50	50	50	48	45	47	51	54	37	54
AV	43	45	48	50	52	52	48	43	39	36	32	29	26	24	23	23	24	24	25	28	31	34	38	41	36	87
SD	17	17	17	17	16	15	13	11	11	11	11	10	9	9	9	11	13	13	13	14	15	16	16	17	17	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUL, 1982

AEROVIRONMENT INC.

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*                 *
*    FINAL DATA   *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	52	54	57	62	67	68	60	48	41	37	32	28	24	21	19	17	16	16	16	17	19	23	27	30	35	68
2	33	34	35	36	39	40	37	32	30	28	26	24	23	20	17	16	15	15	16	16	19	21	22	24	26	40
3	26	29	31	33	34	35	32	28	25	22	21	20	19	17	15	14	14	13	12	12	13	14	16	17	21	35
4	17	18	18	20	21	22	22	21	19	18	17	16	14	13	12	12	13	14	19	31	36	37	38	39	21	39
5	41	42	44	44	46	46	47	50	52	49	45	43	44	46	48	49	49	56	80	79	77	79	84	86	55	86
6	87	84	82	82	85	83	73	61	54	16	45	37	31	28	24	19	16	14	14	16	19	24	30	34	44	87
7	37	40	43	45	47	49	49	43	34	28	25	21	18	15	14	13	14	14	14	14	17	19	22	28	28	49
8	35	43	46	48	58	75	74	62	50	38	31	38	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	50	75
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	19	17	15	15	16	18	19	21	24	28	34	21	34
13	36	38	40	39	39	38	38	35	32	29	25	23	21	26	24	22	21	21	21	23	26	29	32	35	30	40
14	40	42	43	43	45	47	43	36	33	31	26	20	17	14	13	12	12	12	13	14	17	21	24	27	27	47
15	29	31	31	33	35	37	34	30	26	23	18	15	13	11	9	8	7	8	8	9	10	12	13	14	19	37
16	16	18	20	22	23	23	21	17	15	13	12	11	10	9	9	9	9	9	9	11	11	13	15	17	14	23
17	20	22	24	28	36	41	43	42	38	30	22	21	21	20	19	17	16	15	16	17	19	21	24	26	25	43
18	27	29	31	33	35	39	38	34	32	27	22	18	17	16	16	16	16	16	16	17	18	20	22	24	24	39
19	26	29	32	33	36	39	37	34	30	26	24	20	18	16	15	15	15	16	16	18	20	23	25	26	25	39
20	28	30	32	33	34	35	34	32	30	26	23	21	20	19	19	19	19	19	20	21	23	25	27	32	26	35
21	35	37	40	42	45	45	41	35	32	30	28	24	21	19	19	19	18	19	22	24	27	30	34	37	30	45
22	39	40	42	46	46	47	44	41	38	34	32	31	29	28	27	27	25	26	25	25	27	30	32	34	34	47
23	35	38	39	40	41	43	44	44	40	37	34	33	31	31	30	28	26	25	25	30	34	41	59	67	37	67
24	67	69	71	73	74	74	68	54	47	39	37	35	33	31	28	25	22	28	36	37	39	42	42	43	46	74
25	46	46	50	55	59	61	57	52	48	42	38	34	31	29	27	25	27	34	42	47	48	50	51	54	44	61
26	55	58	63	68	72	72	67	57	50	47	41	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	59	72
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	51	49	50	70	77	60	63	63	68	77	77	74	65	77
29	73	75	75	76	78	80	78	71	60	52	48	45	42	37	33	34	34	36	38	37	40	43	44	50	53	80
30	53	61	69	73	75	73	64	49	38	35	31	28	26	24	22	21	21	21	22	25	33	39	41	42	41	75
31	46	49	52	54	57	57	50	43	42	37	31	27	22	17	15	15	15	15	17	21	28	30	32	36	34	57
AV	40	42	44	46	49	51	48	42	37	32	29	26	25	23	22	21	21	22	24	26	28	31	34	37	33	87
SD	17	17	17	17	18	18	16	13	11	10	9	9	10	10	10	13	14	13	17	16	16	17	18	18	17	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC;30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	38	38	41	45	48	47	43	36	31	26	23	20	16	13	13	12	11	12	14	16	21	23	28	33	27	48
2	38	40	42	45	49	50	50	48	44	40	37	34	32	32	39	68	72	69	63	61	63	66	67	59	50	72
3	60	66	71	72	65	58	55	52	45	41	38	36	29	27	27	27	26	25	24	24	29	34	40	52	43	72
4	58	62	65	69	71	70	64	54	41	33	29	23	19	17	15	14	14	14	15	16	21	24	29	36	36	71
5	41	44	48	51	54	55	49	40	32	21	18	15	15	14	14	13	13	14	16	18	22	25	29	30	29	55
6	31	33	37	41	44	46	41	34	27	23	20	17	15	14	13	12	12	12	13	17	21	23	25	28	25	46
7	32	37	43	49	53	54	49	41	35	32	30	28	25	27	30	25	24	26	29	30	33	37	41	42	36	54
8	43	44	45	47	52	55	53	50	48	45	43	42	38	37	38	39	43	45	50	64	70	74	75	74	51	75
9	75	79	82	84	83	83	78	63	54	46	39	36	31	27	28	29	28	30	33	38	45	51	54	57	52	84
10	62	65	68	69	73	75	64	51	39	32	28	26	23	23	22	19	18	19	21	25	26	29	30	31	39	75
11	31	28	31	40	50	59	57	50	43	41	39	38	36	34	42	74	66	61	63	66	70	74	75	74	52	75
12	65	69	69	67	74	77	69	58	48	43	39	36	33	29	27	27	25	25	28	30	30	33	39	44	45	77
13	46	47	47	47	50	64	77	84	81	78	83	85	84	83	82	73	67	71	76	80	82	83	83	84	72	85
14	84	84	83	83	84	83	83	82	75	67	59	56	46	37	31	31	30	29	31	41	53	66	71	74	61	84
15	77	79	80	82	84	82	72	58	50	47	47	49	52	55	51	45	38	43	44	39	37	39	43	45	56	84
16	48	51	53	57	62	64	60	50	44	40	37	35	32	33	39	45	46	45	47	51	58	66	69	72	50	72
17	75	78	80	81	81	81	71	58	52	46	42	37	59	61	59	49	43	45	42	43	53	60	64	68	60	81
18	70	71	63	69	72	74	73	61	53	48	44	41	38	34	32	30	28	28	35	44	49	54	58	63	51	74
19	66	69	72	74	75	69	59	52	45	40	36	32	31	27	26	25	25	25	27	37	45	47	51	53	46	75
20	55	56	61	67	71	70	65	57	47	42	39	35	30	26	24	23	23	24	28	33	40	46	48	51	44	71
21	50	54	59	65	67	68	68	61	52	46	42	37	34	31	33	43	40	39	41	45	48	51	56	61	50	68
22	61	60	59	64	70	74	74	66	59	50	42	38	34	31	44	54	58	60	61	68	74	79	80	79	60	80
23	80	82	84	85	85	83	72	53	47	44	40	35	29	27	27	27	27	28	31	32	36	40	41	45	49	85
24	49	51	57	60	65	64	55	47	45	44	42	39	36	30	26	23	23	31	36	43	49	52	56	58	45	65
25	61	63	65	67	67	68	63	54	50	46	48	49	47	46	45	46	48	52	55	58	61	63	66	69	57	69
26	74	78	76	81	84	82	71	56	48	43	40	37	34	34	33	37	49	42	38	37	43	47	49	54	53	84
27	62	67	65	69	73	77	70	58	51	46	43	41	38	36	36	32	30	31	35	40	46	53	56	60	51	77
28	61	65	67	69	72	71	67	57	50	43	40	41	55	65	55	48	38	34	48	65	72	77	78	78	59	78
29	84	82	79	76	80	82	80	71	64	60	54	51	43	32	31	30	29	32	37	45	49	50	52	54	56	84
30	57	61	65	68	72	74	66	54	45	40	34	29	25	23	21	17	18	18	22	25	31	38	44	46	41	74
31	47	48	53	59	63	66	61	53	43	37	31	27	24	22	20	20	20	21	22	26	33	35	38	42	38	66
MV	57	60	62	65	68	69	64	55	48	43	40	37	35	33	33	34	33	34	36	41	45	50	53	55	48	85
SD	16	16	15	13	12	11	11	11	11	11	12	13	14	15	15	17	17	16	16	17	17	18	17	16	19	[ ]

GHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	46	48	52	55	56	58	58	51	45	37	33	30	21	17	16	16	16	16	16	19	24	28	32	35	34	58
2	38	40	43	47	50	53	52	46	42	38	33	26	21	19	19	19	20	20	21	25	32	35	38	40	34	53
3	43	45	47	49	52	54	53	46	38	33	30	26	22	19	18	18	17	18	20	24	27	30	32	35	33	54
4	37	39	42	44	46	49	48	43	38	35	32	26	23	23	24	27	34	38	46	53	55	54	55	58	40	58
5	59	60	68	72	71	71	66	60	55	49	40	38	34	46	67	65	67	65	71	79	79	83	79	80	64	83
6	84	85	82	83	83	81	69	55	48	43	37	32	26	24	24	26	35	44	48	48	51	54	56	61	53	85
7	64	66	63	65	73	79	84	82	75	69	63	53	52	48	45	42	39	39	46	51	55	65	73	72	61	84
8	74	75	74	76	78	77	77	73	62	56	50	44	36	30	23	20	19	19	24	35	42	44	46	48	50	78
9	51	55	63	68	71	72	70	59	49	40	35	33	27	23	24	24	24	24	27	34	39	39	40	43	43	72
10	46	48	50	52	54	56	52	47	47	46	59	60	57	48	42	38	45	56	72	81	79	71	70	69	56	81
11	73	80	84	83	83	83	83	83	83	82	81	78	76	72	67	65	63	62	63	66	71	74	80	82	76	84
12	82	80	80	81	82	82	80	69	58	44	43	39	37	35	35	36	35	41	59	63	70	73	78	82	61	82
13	82	82	82	83	83	82	80	78	74	73	77	82	84	84	85	78	75	75	77	72	70	75	77	74	79	85
14	77	82	85	85	85	85	84	82	73	66	55	47	47	46	47	56	68	73	68	66	68	72	75	80	70	85
15	82	82	83	84	84	84	82	77	71	64	60	56	54	54	54	52	52	56	65	76	81	82	82	82	71	84
16	82	82	83	84	84	84	83	78	72	60	50	39	35	32	30	24	23	26	37	51	59	61	63	66	58	84
17	68	71	70	70	69	64	66	61	45	36	34	30	29	28	27	25	25	26	30	39	44	49	54	54	46	71
18	59	64	68	71	74	77	77	69	55	45	40	34	29	26	26	26	29	32	37	42	48	52	54	58	50	77
19	62	69	74	73	74	79	74	60	52	53	61	52	40	37	50	45	40	42	49	59	62	73	79	82	60	82
20	82	82	83	83	83	82	82	79	73	65	56	48	45	44	43	41	42	48	59	71	76	77	78	80	67	83
21	82	81	82	81	82	83	77	64	57	49	40	34	31	30	30	28	28	30	33	39	45	51	59	63	53	83
22	67	67	71	74	76	80	76	61	54	45	38	31	29	28	27	21	19	20	23	28	36	39	43	48	46	80
23	54	61	69	75	77	80	75	63	54	45	35	26	22	20	17	16	14	15	22	30	38	44	44	50	44	80
24	54	57	57	58	63	68	70	62	51	41	35	31	30	28	22	19	19	21	27	34	40	43	44	47	43	70
25	50	52	52	51	51	52	57	69	77	75	69	62	53	51	55	59	61	73	82	82	81	82	82	83	65	83
26	82	78	72	70	70	76	79	75	70	68	60	49	42	38	36	34	32	32	33	34	37	61	83	83	58	83
27	83	82	82	82	82	81	82	82	82	80	70	59	53	55	66	59	71	82	75	75	75	80	72	75	74	83
28	76	72	69	72	79	71	71	72	62	53	49	41	39	40	54	73	79	81	80	83	84	84	84	83	69	84
29	83	84	84	84	82	82	83	83	84	82	78	79	77	76	76	76	78	80	81	81	81	82	82	82	81	84
30	83	83	84	84	84	84	83	83	83	81	77	61	51	48	44	42	37	31	31	33	41	50	58	63	62	84
AV	67	68	70	71	73	74	72	67	61	55	51	45	41	39	40	39	40	43	47	52	56	60	63	65	57	85
SD	16	15	14	13	12	11	11	13	14	16	16	16	17	17	19	19	21	22	22	21	19	18	17	16	21	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	68	72	75	75	78	81	79	69	59	49	44	41	41	40	38	38	38	39	41	43	44	49	57	59	55	81
2	61	64	69	76	79	79	74	65	54	47	46	44	42	38	35	32	32	38	54	67	73	76	78	81	59	81
3	81	83	84	84	84	84	82	73	64	55	48	43	39	36	36	37	41	46	55	67	69	73	74	75	63	84
4	76	77	79	80	83	84	82	75	62	53	49	45	41	36	30	29	30	33	40	45	44	47	49	53	55	84
5	57	63	66	64	63	67	70	72	78	84	84	82	77	76	75	80	73	70	75	78	79	83	84	83	74	84
6	84	84	82	81	84	84	84	84	78	60	50	44	45	46	44	42	43	47	59	74	77	76	74	75	67	84
7	75	78	82	84	84	84	84	77	62	55	50	46	40	37	33	33	34	37	44	55	58	72	83	84	61	84
8	84	84	84	84	83	84	81	70	59	50	42	35	31	33	34	33	34	34	36	39	41	48	57	63	55	84
9	71	74	76	76	78	77	74	59	48	40	36	33	31	30	30	32	41	50	55	58	56	57	63	68	55	78
10	73	76	78	80	83	84	84	80	63	52	41	32	33	32	32	30	30	33	39	45	53	61	68	72	56	84
11	75	78	79	81	83	82	80	67	59	47	40	34	30	26	24	25	28	33	41	47	52	56	60	60	54	83
12	62	64	68	72	74	78	78	72	59	46	43	40	38	35	33	31	30	33	41	53	57	57	58	60	53	78
13	62	62	61	62	65	69	72	71	69	62	52	46	42	39	37	38	40	44	49	59	67	69	72	75	58	75
14	77	79	80	83	84	85	83	75	60	47	41	36	34	32	31	32	32	34	45	56	64	69	72	76	59	85
15	78	81	82	83	83	84	82	72	61	53	44	38	37	33	30	29	31	36	47	55	55	53	55	55	57	84
16	56	57	59	64	65	66	68	63	51	41	32	29	26	24	23	23	24	28	37	44	46	49	52	56	45	68
17	58	63	70	73	74	76	77	68	53	45	37	33	30	26	22	18	18	20	22	28	32	35	42	49	45	77
18	56	58	59	60	64	69	68	58	49	40	33	28	24	19	14	14	15	16	18	22	30	36	40	46	39	69
19	47	43	44	49	58	65	68	60	47	40	36	32	30	28	27	28	30	35	40	46	49	52	56	59	45	68
20	61	63	66	69	73	76	74	63	51	44	38	33	28	26	23	23	23	28	36	42	46	50	54	56	48	76
21	59	62	64	66	69	72	73	66	54	44	38	32	29	27	26	25	25	28	35	44	49	52	56	58	48	73
22	60	64	69	71	72	75	76	76	68	58	53	47	44	41	36	34	34	37	44	55	60	64	66	68	57	76
23	72	76	79	80	81	83	83	79	68	55	42	38	36	33	30	28	28	31	39	49	56	59	58	58	56	83
24	58	61	64	70	74	75	75	71	57	47	42	37	33	31	29	29	32	34	37	40	43	44	45	47	49	75
25	49	51	52	54	58	62	64	65	61	54	50	45	42	41	40	40	42	49	59	68	68	73	78	83	58	83
26	83	84	84	84	84	84	82	80	75	61	45	47	50	58	55	55	55	57	61	68	84	82	80	80	70	84
27	79	78	78	67	62	71	80	84	84	84	84	80	72	62	58	45	54	64	68	75	79	81	80	78	73	84
28	78	77	77	76	76	75	73	72	64	55	43	37	34	32	31	31	32	37	47	55	58	60	63	66	56	78
29	70	72	75	78	78	78	76	75	56	40	34	30	29	28	28	30	32	35	38	41	47	52	53	53	51	78
30	58	61	63	66	69	72	73	74	71	61	55	54	53	54	62	61	62	66	70	78	82	83	84	84	67	84
31	84	83	84	84	84	83	83	84	83	83	83	83	82	78	72	70	70	72	75	76	76	76	76	78	79	84
AV	68	70	72	73	75	77	77	72	62	53	47	43	40	38	36	35	37	40	47	54	58	61	64	66	57	85
SD	11	11	10	9	9	7	6	7	10	12	14	14	14	14	14	14	14	14	14	15	15	14	13	12	19	[ ]

QHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

NOV, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	78	80	78	74	74	72	70	68	61	50	45	40	34	30	28	29	31	44	57	62	63	67	68	67	57	80
2	69	71	73	69	74	79	83	82	76	64	52	42	38	38	35	35	36	41	48	55	64	71	73	73	60	83
3	74	74	75	76	79	79	80	80	76	60	47	42	38	30	22	19	21	24	31	43	55	62	67	72	55	80
4	75	77	78	78	77	78	81	80	69	56	42	37	33	32	29	28	28	32	43	56	66	71	73	76	58	81
5	77	79	80	81	81	82	83	78	64	54	50	48	43	32	29	29	33	42	55	66	72	75	76	77	62	83
6	75	77	79	81	82	83	84	78	66	53	41	38	34	29	26	23	22	20	20	21	24	34	44	51	49	84
7	55	57	62	69	73	75	75	68	56	48	43	41	35	33	30	30	36	47	53	57	57	58	58	59	53	75
8	59	50	51	53	54	56	55	58	64	64	70	72	73	73	72	72	72	76	80	82	84	84	84	85	68	85
9	85	85	85	85	84	84	84	84	84	84	80	71	49	40	42	44	61	71	77	81	82	83	82	81	75	85
10	83	83	84	84	84	84	85	84	80	71	52	44	50	60	55	63	77	84	84	84	84	84	84	84	75	85
11	84	84	83	84	84	83	83	83	80	68	65	62	63	62	60	59	53	51	52	50	53	58	62	65	68	84
12	70	71	69	71	70	71	71	69	64	59	54	41	39	37	39	41	53	68	74	75	75	75	74	76	63	76
13	76	73	74	76	78	79	80	79	73	65	57	52	52	46	50	40	36	41	49	54	58	63	63	67	62	80
14	70	73	75	77	77	78	79	77	70	57	48	45	45	44	41	41	42	50	66	74	77	79	80	81	64	81
15	82	82	82	81	82	83	84	84	80	69	57	59	59	57	53	51	53	58	68	77	81	83	83	83	72	84
16	84	84	84	84	84	84	84	82	72	59	53	50	47	43	41	43	50	65	73	78	79	81	83	83	70	84
17	84	83	84	84	84	84	84	83	76	63	53	49	45	41	40	40	45	54	68	75	78	79	82	83	68	84
18	84	84	84	83	83	83	84	83	79	66	53	46	46	45	46	50	55	60	66	69	62	60	56	56	66	84
19	57	58	60	61	60	57	56	56	56	68	80	68	60	50	43	39	39	47	58	58	55	55	56	57	56	80
20	59	61	62	65	72	76	75	75	66	57	51	49	46	46	47	49	53	62	73	79	81	82	82	82	65	82
21	80	79	80	79	76	74	71	73	70	66	62	54	52	50	50	50	50	56	69	77	79	82	83	84	69	84
22	84	85	86	85	85	84	85	86	86	85	79	72	67	66	63	75	80	80	75	68	65	69	71	68	77	86
23	63	65	70	75	75	69	68	71	69	57	49	46	44	41	39	40	44	49	56	63	71	76	75	76	60	76
24	77	77	78	79	79	79	80	79	74	65	56	53	52	54	55	55	54	55	55	56	57	60	62	68	65	80
25	75	78	81	83	81	79	78	77	70	63	56	48	46	44	43	42	47	54	64	68	74	80	82	83	67	83
26	83	83	84	84	84	84	83	83	78	67	57	52	47	43	38	36	38	47	59	70	75	75	75	77	67	84
27	80	82	82	82	83	84	85	85	82	73	61	54	49	45	43	44	48	56	64	73	76	79	82	83	70	85
28	84	84	84	83	83	83	83	82	79	73	62	58	56	56	56	58	63	66	70	71	73	79	82	84	73	84
29	84	83	83	84	84	84	84	84	82	79	75	79	83	84	80	77	82	85	85	85	84	81	83	84	82	85
30	84	85	86	86	86	86	86	86	85	80	62	52	48	50	52	56	60	62	62	61	61	56	54	55	68	86
AV	76	76	77	78	78	79	79	78	73	65	57	52	49	47	45	45	49	55	62	66	69	71	73	74	66	86
SD	9	9	9	8	7	7	8	8	8	9	11	11	12	13	13	15	16	16	15	14	13	12	11	10	16	[ ]

UHOUT -- 00000 <811111.1807>

RELATIVE HUMIDITY [CC:30]

PERCENT

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	55	56	56	54	54	55	57	56	52	48	46	49	50	51	63	70	68	69	67	64	57	50	49	54	56	70
2	56	56	55	54	53	52	52	52	51	50	48	47	45	43	40	40	41	44	45	46	49	57	65	68	50	68
3	69	70	71	71	73	74	76	78	77	68	56	48	41	39	41	43	46	50	56	63	71	76	79	80	63	80
4	82	83	85	85	85	86	86	85	83	76	64	54	49	46	44	43	46	53	60	69	74	77	81	83	70	86
5	84	84	84	84	85	85	84	84	84	75	60	54	50	47	46	46	48	56	65	73	78	80	81	83	71	85
6	84	85	85	85	84	85	85	84	84	79	61	55	49	45	48	52	52	56	60	66	75	81	83	85	71	85
7	85	85	86	85	85	86	85	85	85	85	82	79	76	70	58	51	53	55	56	56	55	56	62	70	72	86
8	68	66	60	57	57	57	58	59	56	51	48	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	58	68
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	80	93	95	100	100	99	98	97	97	94	94	94	92	95	100
14	74	71	65	64	65	69	71	72	72	70	63	61	60	54	50	51	58	58	65	72	78	80	80	81	67	81
15	83	85	86	88	89	89	89	89	89	85	80	72	64	57	52	53	59	64	74	82	86	89	90	90	79	90
16	90	90	90	89	84	85	90	90	92	92	75	67	67	66	62	62	66	72	80	85	89	91	93	95	82	95
17	96	97	97	97	97	97	96	96	96	96	87	76	70	65	60	64	72	78	84	89	92	94	98	98	87	98
18	96	98	97	97	96	95	96	95	93	79	49	45	42	39	37	38	46	59	69	70	71	74	76	79	72	98
19	83	86	89	90	91	92	92	94	88	75	56	53	50	49	48	50	62	70	78	83	87	92	93	94	77	94
20	95	95	96	96	96	96	97	97	96	90	75	65	54	50	51	60	71	78	83	86	88	89	90	88	83	97
21	88	88	91	94	97	97	97	97	91	79	72	67	62	61	61	62	66	71	77	81	84	86	87	91	81	97
22	95	96	97	98	97	97	95	94	90	80	75	70	64	55	51	54	60	66	73	78	84	88	89	90	81	98
23	89	88	87	79	72	74	73	84	99	99	97	97	95	90	94	94	93	93	93	93	93	93	88	89	89	99
24	86	84	83	84	85	83	73	71	71	74	68	71	65	59	56	55	58	55	55	53	54	55	56	58	67	86
25	64	68	69	71	73	75	79	80	77	73	60	56	52	51	48	46	49	60	72	77	77	78	80	82	67	82
26	82	83	86	86	86	86	86	87	82	75	68	63	60	56	59	61	65	72	78	81	83	81	81	82	76	87
27	83	83	84	84	86	87	88	88	84	75	68	61	60	58	58	68	75	85	88	89	90	92	92	91	80	92
28	90	90	90	90	90	89	87	86	86	86	83	77	72	63	55	55	55	59	67	74	79	79	79	80	78	90
29	81	81	81	83	86	86	86	87	87	86	76	68	63	59	55	56	61	68	73	79	84	86	86	86	77	87
30	86	86	86	86	86	87	87	87	86	86	78	70	60	57	56	58	57	63	74	79	81	83	80	81	77	87
31	86	85	86	87	87	87	87	87	87	84	75	64	54	52	51	52	59	63	72	78	81	84	85	86	76	87
AV	82	82	82	82	82	83	83	83	82	78	68	64	60	57	56	57	61	66	72	76	78	80	81	83	74	100
SD	11	11	12	13	13	13	12	12	13	13	13	12	13	13	14	14	14	13	12	12	12	13	12	11	16	[ ]

UHOUT -- 00000 <811111.1807>

SITE 10

WIND SPEED [CC:01]

MILES/HOUR

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

JUN, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	10.6	12.4	12.6	13.0	11.9	13.0	11.4	10.5	10.3	8.4	12.5	14.2	14.0	14.8	12.9	12.2	14.8
9	12.3	11.4	10.4	6.5	2.8	1.6	5.3	8.1	6.9	6.6	5.7	7.4	6.1	7.2	8.3	5.8	5.2	3.1	2.9	2.8	2.2	1.7	1.8	2.0	5.6	12.3
10	1.8	1.7	1.8	1.7	1.4	1.9	2.2	2.6	2.0	3.1	4.4	4.1	6.4	5.1	8.2	8.3	10.3	8.8	7.2	12.5	6.1	5.6	3.8	1.6	4.7	12.5
11	5.4	5.4	5.7	1.9	1.5	1.1	2.0	2.4	3.2	4.3	5.1	6.0	7.0	8.1	9.0	8.5	5.2	6.5	5.6	2.4	2.1	2.2	2.0	2.4	4.4	9.0
12	1.7	3.9	5.6	3.0	2.5	2.0	2.0	3.4	3.9	5.6	5.1	6.5	5.7	7.2	8.3	4.9	8.5	6.9	9.7	5.3	3.4	3.2	3.2	3.2	4.8	9.7
13	3.3	3.3	2.4	2.2	2.3	2.6	2.1	2.2	7.8	11.9	12.9	10.6	14.2	13.1	12.0	12.0	11.2	6.6	4.8	8.3	10.4	5.7	3.8	2.8	7.0	14.2
14	1.6	3.2	4.8	2.5	2.2	3.7	2.5	3.4	3.3	5.0	6.5	12.5	19.3	15.1	11.8	9.4	11.2	14.8	12.9	5.0	1.9	2.3	.6	1.5	6.5	19.3
15	1.3	2.6	3.0	1.4	4.1	4.3	3.9	2.6	5.8	9.2	6.9	6.2	8.3	8.9	7.5	8.0	6.2	5.9	7.9	5.3	3.5	2.8	2.8	1.4	5.0	9.2
16	2.2	2.2	1.3	1.7	2.1	2.0	1.3	3.0	2.8	3.4	4.5	6.6	4.8	5.6	6.5	14.2	7.9	8.3	7.6	6.9	18.7	9.7	13.8	9.6	6.1	18.7
17	6.9	3.7	3.0	2.2	2.8	5.3	3.0	4.4	4.0	5.3	4.3	6.7	7.3	12.2	13.4	8.5	7.5	5.6	10.2	7.4	8.0	13.2	16.0	15.9	7.4	16.0
18	19.2	13.1	11.4	16.0	16.3	13.7	16.7	12.4	13.1	9.4	11.0	10.5	9.8	11.9	12.2	10.5	11.8	16.0	14.3	9.6	8.5	3.1	1.7	4.7	11.5	19.2
19	2.9	3.6	4.4	1.8	2.6	4.5	2.9	3.2	5.7	6.0	6.6	7.0	8.9	10.7	9.4	8.6	7.6	16.5	11.8	6.5	4.7	2.3	2.4	2.1	5.9	16.5
20	2.4	4.6	4.8	1.8	2.1	3.1	2.2	2.4	4.1	4.3	5.8	5.9	6.6	7.6	6.9	4.2	6.9	12.3	8.7	3.8	5.4	[RF]	[RF]	[RF]	5.0	12.3
21	1.8	2.0	2.2	1.9	2.5	1.6	1.7	4.7	6.9	7.5	3.3	3.9	11.6	7.4	4.9	3.7	5.6	18.5	5.5	7.7	11.2	8.3	5.0	3.0	5.5	18.5
22	3.1	3.2	3.2	3.1	2.1	1.9	1.5	2.4	3.4	4.6	6.5	7.4	9.2	8.5	18.0	17.1	10.3	3.0	6.5	2.4	3.2	2.6	1.7	2.6	5.3	18.0
23	2.4	2.4	2.3	2.4	1.9	2.6	1.6	1.9	2.2	3.3	4.5	5.1	4.0	12.0	9.7	12.5	13.8	5.6	8.5	3.5	1.8	2.5	1.4	2.2	4.6	13.8
24	3.6	2.9	1.7	1.6	2.3	1.5	1.8	2.0	2.6	3.8	4.2	5.3	5.4	5.9	7.8	6.6	14.6	10.6	10.2	5.4	2.1	2.3	1.7	2.5	4.5	14.6
25	2.3	2.1	2.4	2.5	2.9	2.4	2.4	4.2	2.8	5.1	6.4	7.6	6.9	8.5	11.3	9.2	7.9	10.6	8.3	4.9	4.4	3.3	2.2	2.6	5.1	11.3
26	3.2	1.8	2.5	1.2	2.1	2.1	2.3	2.4	2.4	2.8	2.9	4.8	4.3	5.0	6.3	5.0	5.8	6.6	4.4	6.1	3.5	2.3	2.1	1.4	3.5	6.6
27	1.0	1.2	2.1	1.4	1.6	2.0	2.1	2.2	2.5	3.7	3.3	4.8	5.6	5.2	7.2	6.9	5.3	4.7	2.0	1.9	2.6	4.1	4.1	3.5	3.4	7.2
28	2.8	1.7	2.5	3.0	3.3	2.6	2.2	2.5	2.6	3.8	10.0	17.0	17.0	14.7	14.8	15.8	14.1	15.1	13.6	8.1	2.1	3.1	4.9	3.1	7.5	17.0
29	2.2	2.2	2.7	3.2	2.6	3.8	3.6	8.1	15.7	14.6	13.5	14.9	13.5	15.4	15.8	14.9	13.3	12.3	11.7	6.0	2.8	4.0	3.1	2.6	8.4	15.8
30	1.9	3.2	3.2	9.3	17.7	17.3	19.8	9.7	12.2	12.2	15.1	9.6	16.0	13.9	20.2	17.2	8.1	8.2	5.6	[RF]	[RF]	[RF]	[RF]	[RF]	11.6	20.2
AV	3.9	3.7	3.8	3.3	3.7	3.8	3.9	4.1	5.3	6.4	7.0	8.0	9.2	9.6	10.5	9.7	9.1	9.4	8.2	6.1	5.6	4.7	4.4	4.0	6.2	20.2
SD	4.2	3.0	2.6	3.4	4.3	4.0	4.8	2.9	3.8	3.4	3.6	3.5	4.4	3.4	3.9	4.1	3.1	4.5	3.3	2.9	4.5	3.6	4.5	3.9	4.4	[ ]

GHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

JUL, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	4.6	8.1	15.1	20.7	20.4	18.1	18.1	17.1	18.3	19.0	17.0	14.9	14.4	13.7	10.2	5.4	3.7	1.9	13.4	20.7
2	[RF]	[RF]	[RF]	[RF]	2.3	1.3	2.3	2.2	2.4	4.0	5.1	6.0	6.4	6.1	16.2	16.1	14.7	11.7	11.0	9.9	4.1	2.6	3.2	2.2	6.5	16.2
3	2.1	2.5	2.6	3.3	2.6	2.1	2.0	2.4	2.8	4.2	6.4	6.5	6.9	7.9	11.9	13.1	10.0	13.1	13.7	9.6	7.2	6.0	2.6	3.5	6.0	13.7
4	8.2	3.9	3.0	8.4	2.5	1.2	1.8	2.9	2.2	13.1	12.9	15.9	19.6	16.5	19.4	19.9	19.6	16.6	15.7	9.7	4.0	1.6	2.2	2.3	9.3	19.9
5	2.6	2.9	2.3	3.4	2.3	1.1	3.4	7.0	5.6	7.6	8.6	10.4	12.6	12.5	11.3	9.2	10.1	13.6	7.6	4.4	4.5	4.1	2.8	2.3	6.3	13.6
6	1.8	1.6	2.6	1.3	1.9	1.2	1.9	1.7	3.1	3.7	4.0	4.5	7.4	5.6	5.3	5.2	4.0	4.5	3.5	5.1	4.4	4.4	3.5	2.4	3.5	7.4
7	3.5	2.2	2.1	2.4	2.5	1.3	1.8	2.1	3.1	4.3	4.2	4.8	5.4	7.1	5.4	5.5	8.6	6.7	8.8	10.3	7.3	3.0	4.7	8.9	4.8	10.3
8	8.2	6.2	3.0	2.0	3.6	2.8	2.2	4.7	2.3	3.9	3.6	5.6	5.6	6.5	7.8	11.1	14.4	19.5	11.5	5.9	2.2	2.3	3.7	3.1	5.9	19.5
9	2.6	3.0	3.3	1.8	2.3	2.4	2.5	1.7	2.6	4.4	6.0	8.0	6.9	7.0	6.6	8.2	7.8	6.1	6.7	9.7	7.7	3.7	2.5	2.7	4.8	9.7
10	3.1	3.7	3.0	1.9	2.3	2.0	1.4	2.3	4.3	4.1	3.5	4.1	5.0	5.4	7.7	6.9	6.3	5.0	5.4	6.8	5.4	1.6	2.5	2.9	4.0	7.7
11	2.7	1.8	2.4	2.1	2.0	1.6	3.6	2.6	5.3	3.2	6.0	6.5	8.7	6.6	8.3	13.3	13.0	16.8	9.4	5.4	2.2	2.2	1.7	2.8	5.4	16.8
12	1.5	1.9	1.8	1.3	2.1	2.0	1.7	2.4	2.9	4.3	3.9	4.8	5.1	5.9	7.5	8.8	10.7	9.3	4.3	2.3	2.9	2.5	2.1	1.2	3.9	10.7
13	2.0	3.5	6.5	3.7	4.6	3.5	3.6	4.5	2.6	5.3	5.8	5.8	9.3	15.5	8.2	13.7	11.1	8.7	9.0	5.3	2.9	11.5	8.6	6.8	6.8	15.5
14	2.9	4.8	2.5	2.9	2.3	2.5	1.7	2.4	2.4	3.2	3.7	4.5	7.5	8.6	4.0	4.9	3.3	7.4	5.2	7.8	4.1	2.1	2.2	2.4	4.0	8.6
15	[RF]	[RF]	[RF]	[RF]	8.9	1.9	1.2	3.3	2.8	3.2	4.5	6.9	12.9	16.6	16.3	[RF]	[RF]	14.7	14.4	14.1	11.9	11.8	[RF]	[RF]	9.1	16.6
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	15.4	16.3	8.8	4.7	2.5	9.5	16.3
27	3.2	2.2	3.0	2.6	2.4	4.9	3.4	1.7	1.7	2.9	3.7	3.7	4.2	5.8	6.9	5.0	4.5	2.8	1.6	1.7	4.4	3.3	2.5	3.5	3.4	6.9
28	2.4	2.2	1.3	1.6	2.5	2.1	1.2	1.0	.8	1.8	2.9	2.4	3.1	11.2	15.0	14.5	9.2	3.4	3.8	3.0	1.9	2.4	1.0	1.6	3.8	15.0
29	.2	1.3	1.1	1.6	2.6	2.2	1.1	1.6	4.5	4.6	6.2	5.3	7.9	7.5	7.6	6.5	7.9	13.1	7.9	6.7	10.2	10.0	8.6	4.7	5.5	13.1
30	4.2	2.4	2.1	2.0	1.6	1.1	2.9	1.7	4.2	6.4	5.9	5.2	6.0	7.0	6.1	6.5	4.5	5.2	4.8	3.8	7.7	2.1	3.0	2.0	4.1	7.7
31	2.3	2.9	1.9	1.6	1.7	1.7	2.5	1.8	2.9	3.1	5.1	5.4	6.0	7.2	5.6	3.7	4.2	2.9	2.2	[RF]	[RF]	[RF]	[RF]	[RF]	3.4	7.2
AV	3.1	2.9	2.6	2.6	2.8	2.0	2.3	2.9	3.7	5.4	6.1	6.7	8.2	9.2	9.8	10.1	9.5	9.8	8.0	7.5	6.1	4.6	3.5	3.1	5.6	20.7
SD	2.1	1.2	1.2	1.7	1.6	.9	1.0	1.8	2.9	4.3	4.0	3.9	4.4	4.1	4.7	5.0	4.7	5.2	4.3	3.9	3.8	3.3	2.0	1.9	4.4	[ ]

WIND SPEED [CC:01]

MILES/HOUR

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

AUG, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	9.7	4.2	4.8	3.6	2.4	2.3	3.1	3.2	4.2	9.7
12	3.5	2.4	2.4	2.1	1.9	3.2	1.2	1.5	1.8	2.6	3.1	4.4	6.1	5.0	4.6	8.1	9.3	9.2	7.0	6.8	2.3	2.8	3.5	3.9	4.1	9.3
13	3.9	1.9	2.4	2.1	1.7	2.6	3.9	5.3	2.2	1.9	1.8	2.2	3.9	5.3	2.4	3.2	2.4	1.9	2.5	3.2	2.6	2.1	1.7	2.0	2.7	5.3
14	2.9	1.8	2.1	1.7	1.5	1.7	1.5	2.2	1.9	2.6	2.3	2.9	3.9	4.1	2.8	4.6	4.5	5.6	2.1	2.2	2.2	2.2	2.2	1.6	2.6	5.6
15	1.9	1.0	2.0	2.3	2.0	1.7	1.8	2.0	2.2	2.4	3.4	3.7	2.9	2.9	3.4	2.4	3.4	2.9	2.2	7.0	5.2	7.8	5.3	3.8	3.2	7.8
16	4.6	3.5	3.5	2.9	1.5	2.9	2.9	2.1	2.1	3.4	4.0	3.6	4.5	2.7	6.9	8.7	5.8	3.4	2.5	3.3	1.9	1.9	2.3	2.1	3.5	8.7
17	2.2	1.4	2.0	2.4	1.1	1.8	.8	1.6	2.4	1.9	2.5	3.0	6.2	5.8	7.9	5.6	5.1	3.4	6.5	5.7	9.4	8.4	5.7	2.4	4.0	9.4
18	3.2	2.7	2.8	9.5	8.4	6.7	2.7	1.5	1.7	1.9	2.5	2.8	3.8	3.7	4.3	4.9	4.2	3.2	9.4	9.4	3.1	1.6	2.4	2.1	4.1	9.5
19	1.8	2.2	4.0	2.6	2.4	2.5	1.3	1.6	2.1	2.4	5.2	3.6	3.5	2.8	4.1	4.1	5.2	3.7	2.6	1.6	2.0	2.0	1.6	1.9	2.6	5.2
20	1.1	2.3	1.5	2.4	2.6	2.1	1.4	2.0	2.0	2.8	3.8	6.7	4.8	5.4	4.5	5.2	4.8	3.5	5.3	8.9	17.7	10.2	8.0	5.8	4.8	17.7
21	4.0	5.7	1.9	1.5	1.9	3.8	1.7	2.4	2.1	2.5	3.4	5.1	3.3	3.9	4.7	10.5	10.0	4.8	12.9	11.3	3.4	2.4	2.1	2.1	4.5	12.9
22	3.5	2.9	3.7	2.9	3.5	3.0	1.5	2.3	2.3	3.4	4.5	5.6	5.3	4.9	8.3	8.7	9.5	10.2	5.7	5.1	3.2	3.1	4.0	3.9	4.6	10.2
23	2.8	2.8	2.9	2.8	1.5	1.7	2.0	2.4	2.1	2.2	3.0	5.1	6.0	4.0	5.6	10.8	10.5	12.2	11.0	12.3	3.9	4.5	5.2	3.8	5.0	12.3
24	2.3	2.9	3.0	1.9	3.2	3.1	4.8	9.2	11.9	11.2	6.0	5.1	4.4	4.0	4.3	5.4	4.5	9.2	7.4	5.6	3.2	2.1	2.1	2.9	5.0	11.9
25	1.5	1.8	1.9	2.8	2.8	1.3	1.8	4.5	9.9	12.1	13.0	13.4	11.0	12.9	13.9	13.4	13.5	14.0	9.7	5.9	3.7	4.3	1.5	2.2	7.2	14.0
26	2.3	1.8	4.2	4.7	1.7	2.8	2.8	2.0	3.3	6.0	7.4	7.4	7.9	8.6	9.7	9.7	9.5	5.7	7.1	4.1	3.1	3.0	2.5	2.6	5.0	9.7
27	2.3	2.9	1.9	.0	1.5	2.2	1.7	1.4	1.6	3.5	2.1	5.0	5.2	5.5	6.1	5.7	7.7	6.4	5.2	2.3	2.2	2.6	2.1	3.2	3.3	7.7
28	3.3	4.2	2.9	1.6	2.6	1.7	2.2	1.4	2.3	3.5	6.6	12.7	15.7	9.4	7.8	4.8	4.2	7.7	12.3	7.4	5.0	2.5	3.2	7.0	5.5	15.7
29	7.5	9.0	8.9	2.5	3.6	3.2	1.6	2.5	2.6	2.9	3.5	3.7	4.2	4.9	2.5	3.7	5.0	3.2	4.1	3.5	5.9	2.4	2.6	4.0	4.1	9.0
30	3.2	3.1	2.5	2.4	2.0	1.6	1.9	3.3	1.5	2.0	2.1	6.1	5.0	5.5	10.0	12.0	10.0	8.5	4.0	2.5	3.0	4.0	3.0	3.0	4.3	12.0
31	2.5	2.5	2.0	2.0	3.0	2.5	2.5	1.5	2.0	2.0	2.0	4.0	5.0	5.0	8.0	11.0	10.0	5.0	2.0	2.5	2.0	2.0	2.0	2.0	3.5	11.0
AV	3.0	2.9	2.9	2.7	2.5	2.6	2.1	2.6	3.0	3.7	4.1	5.3	5.6	5.3	6.1	7.1	7.1	6.1	6.0	5.4	4.2	3.5	3.1	3.1	4.2	17.7
SD	1.4	1.8	1.6	1.8	1.6	1.2	1.0	1.9	2.7	2.9	2.6	3.0	3.0	2.5	3.0	3.3	3.1	3.3	3.4	3.1	3.6	2.4	1.7	1.3	2.9	[ ]

WHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

SEP, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.2	.9	2.8	1.5	1.3	1.9	1.4	1.7	1.9	2.5	2.9	3.7	4.4	5.0	5.3	4.7	4.2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.8	5.3
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5.0	8.6	6.0	3.0	5.7	8.6
5	6.4	5.8	6.3	7.0	3.9	2.5	4.1	6.8	3.2	4.1	2.9	4.8	5.9	11.8	15.4	11.0	6.0	4.1	2.6	2.4	2.1	2.6	3.4	2.9	5.3	15.4
6	1.8	2.1	2.8	1.9	2.2	1.7	2.1	1.6	1.9	1.7	2.6	3.4	3.2	3.1	3.4	7.5	13.5	14.7	10.6	5.4	3.5	4.3	6.0	4.5	4.4	14.7
7	3.6	2.3	3.7	4.0	2.6	5.9	3.5	3.1	3.6	2.2	1.7	3.1	4.0	3.3	3.1	3.5	3.2	3.8	5.8	2.4	1.4	2.1	1.4	2.2	3.1	5.9
8	4.4	5.9	8.6	9.1	7.4	3.7	2.1	6.2	3.8	3.4	1.7	2.1	2.6	2.1	2.9	2.6	1.1	2.0	.8	1.9	2.6	2.4	2.4	3.4	3.5	9.1
9	4.6	6.7	11.6	7.4	8.1	5.1	5.3	6.3	9.3	8.7	3.3	2.1	2.1	1.9	4.2	1.2	1.1	1.5	3.0	7.6	7.6	7.1	6.6	3.9	5.3	11.6
10	3.5	2.5	2.0	1.5	1.0	2.0	2.5	6.0	6.0	8.0	6.0	5.0	3.8	4.5	8.9	17.5	13.6	7.3	4.1	3.6	2.0	10.4	8.2	8.2	5.8	17.5
11	5.3	6.7	5.1	6.7	5.7	4.3	2.7	2.2	3.1	3.1	5.2	10.3	9.4	8.2	9.0	6.9	6.9	7.9	4.7	1.9	2.6	2.4	2.1	1.4	5.2	10.3
12	1.4	1.3	1.7	1.6	1.5	1.0	2.0	3.1	2.8	3.1	3.4	3.9	3.8	6.6	7.0	6.0	3.8	7.1	13.2	4.7	3.1	7.0	2.2	1.3	3.9	13.2
13	1.9	4.1	4.1	2.7	3.7	3.3	4.4	6.8	2.8	2.1	4.9	5.6	5.8	4.4	2.8	3.2	3.1	3.2	3.7	3.1	3.1	3.2	2.3	2.4	3.6	6.8
14	2.4	2.6	2.0	2.3	1.7	1.5	2.9	2.0	2.1	1.9	3.0	2.6	4.4	8.4	9.0	7.9	5.0	3.4	3.9	6.1	6.7	6.4	4.3	2.8	4.0	9.0
15	3.8	3.8	1.9	1.5	1.2	.7	1.3	1.4	1.2	1.6	3.5	2.5	5.4	4.5	4.9	4.1	4.1	2.3	1.5	1.2	1.3	2.3	.8	1.3	2.4	5.4
16	1.6	1.6	.8	1.4	1.3	.8	2.1	1.9	1.9	1.7	2.8	5.2	7.9	7.7	4.9	4.9	8.3	8.4	4.8	2.3	2.8	2.1	1.9	1.1	3.3	8.4
17	2.1	2.4	4.0	2.8	2.1	2.5	1.9	1.8	1.2	2.3	2.4	3.0	2.9	5.7	4.7	4.9	3.1	2.1	2.3	2.4	2.8	3.2	2.8	2.6	2.8	5.7
18	2.9	2.5	1.2	1.8	2.0	2.2	1.4	1.3	1.9	2.5	2.5	3.2	4.7	4.2	3.2	3.4	4.7	8.0	6.4	7.8	5.9	3.3	2.3	3.8	3.5	8.0
19	4.2	1.6	1.3	1.7	2.1	2.0	1.6	3.6	3.2	3.9	7.2	3.6	4.9	4.6	6.1	9.5	4.6	1.4	3.1	3.5	5.0	16.6	10.6	4.8	4.6	16.6
20	3.0	1.5	2.0	2.3	2.3	2.8	5.4	2.7	2.2	2.5	2.3	4.3	3.8	5.7	5.4	5.9	5.6	3.1	2.1	1.6	1.3	1.2	1.9	1.6	3.0	5.9
21	2.0	1.2	1.9	2.1	1.7	1.2	1.4	2.0	1.7	1.8	2.2	4.4	5.4	4.4	4.2	4.0	2.5	3.2	4.2	7.6	3.4	2.2	3.3	3.0	3.0	7.6
22	2.3	2.1	2.2	1.8	1.6	1.9	1.6	1.8	2.0	2.3	2.1	3.0	5.7	5.1	6.5	11.1	10.8	8.6	6.8	5.1	4.4	3.1	3.5	2.8	4.1	11.1
23	2.9	1.3	2.2	2.3	2.2	1.2	1.5	1.4	1.8	1.4	2.3	3.5	3.9	3.2	6.1	6.2	2.8	3.8	2.5	3.5	2.6	1.4	2.3	2.2	2.7	6.2
24	3.2	1.9	1.9	2.1	1.1	2.5	2.3	1.8	1.9	2.3	2.4	3.2	4.5	4.8	4.2	3.1	2.2	1.9	2.2	1.6	1.9	2.3	1.1	1.2	2.4	4.8
25	1.5	1.9	1.4	1.7	1.6	2.9	1.6	2.0	2.4	2.2	1.1	1.5	2.6	1.8	1.6	2.3	2.5	1.4	2.5	2.3	3.5	1.1	2.6	2.2	2.0	3.5
26	2.3	2.4	2.9	4.2	3.9	2.6	2.5	2.1	1.9	1.6	9.4	12.1	21.9	18.1	19.9	19.9	17.2	14.8	8.3	4.5	3.4	12.3	7.9	3.1	8.3	21.9
27	2.3	4.4	3.9	5.2	4.4	5.3	2.2	2.2	2.0	4.0	6.0	11.1	14.0	16.4	5.0	10.4	19.0	7.7	7.4	7.8	14.0	6.3	6.9	5.7	7.2	19.0
28	4.0	4.2	6.0	8.6	8.5	5.5	15.6	7.6	7.8	14.4	17.5	17.0	13.6	12.3	12.2	12.9	13.4	3.0	2.1	7.0	4.4	7.8	2.5	3.2	8.8	17.5
29	3.6	2.1	3.8	6.0	4.8	4.7	3.4	2.4	4.8	7.6	8.3	4.2	3.6	2.7	4.5	7.8	6.7	4.2	4.0	5.8	2.2	2.7	2.6	3.5	4.4	8.3
30	3.0	3.2	3.0	1.6	1.8	1.9	2.4	2.5	2.9	3.1	2.5	3.2	5.6	9.9	7.6	7.4	4.2	12.9	11.8	10.2	7.4	4.7	3.8	4.2	5.0	12.9
AV	3.0	2.9	3.4	3.4	3.0	2.7	3.0	3.1	3.0	3.6	4.2	4.9	5.9	6.3	6.4	7.0	6.4	5.5	4.8	4.4	3.9	4.8	3.8	3.0	4.3	21.9
SD	1.3	1.7	2.4	2.4	2.2	1.5	2.8	2.0	1.9	2.9	3.4	3.6	4.3	4.2	4.1	4.5	4.9	4.0	3.2	2.5	2.7	3.8	2.5	1.6	3.3	[ ]

QHOUT -- OU000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

OCT, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.1	2.2	1.8	1.7	1.9	1.3	1.1	1.6	2.6	3.8	4.7	8.4	6.9	6.3	7.5	8.4	9.3	10.8	8.9	8.6	5.9	8.8	4.1	2.8	5.1	10.8
2	3.4	3.1	3.3	3.0	3.2	1.6	1.8	1.5	1.7	1.6	4.2	6.4	6.3	5.8	6.0	5.6	3.3	2.8	3.1	2.2	.3	1.3	1.4	1.5	3.1	6.4
3	1.8	1.4	1.3	3.0	1.1	1.7	2.4	1.1	2.4	2.0	2.1	2.6	5.0	3.3	3.6	4.1	2.4	3.4	2.2	2.2	2.1	1.1	1.3	2.5	2.3	5.0
4	.4	2.6	.8	1.7	1.8	.8	1.7	1.0	2.0	1.8	2.2	3.8	4.2	3.0	3.4	5.9	3.2	1.0	2.2	3.1	3.2	1.5	3.1	2.4	2.4	5.9
5	2.4	1.8	3.4	9.6	5.4	2.7	2.6	3.1	4.6	8.7	5.0	5.4	7.7	8.0	10.6	11.8	7.9	4.9	4.3	.6	2.0	2.5	3.5	2.9	5.1	11.8
6	2.2	2.1	2.5	3.4	2.2	1.5	1.5	1.0	2.6	2.6	3.4	3.4	3.2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.4	3.4
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.2	4.0	4.4	5.1	3.8	3.8	3.1	2.6	3.4	1.6	2.3	1.9	1.5	2.2	1.9	3.0	5.1
20	1.5	1.9	.5	2.6	1.4	2.2	1.0	1.4	1.7	1.9	3.1	3.5	3.9	3.8	3.2	2.7	3.0	2.3	1.0	1.1	.5	1.0	1.9	1.7	2.0	3.9
21	1.6	.8	1.2	1.2	2.2	2.1	1.6	1.2	2.3	1.6	1.7	2.4	1.9	4.0	4.0	3.1	2.0	2.1	2.2	1.3	1.4	.5	2.0	.8	1.9	4.0
22	1.2	1.5	1.6	1.8	1.5	2.4	1.6	1.6	1.6	1.0	1.7	1.7	2.0	1.9	2.8	1.9	2.4	2.0	.7	.2	1.7	1.9	1.8	1.2	1.7	2.8
23	1.9	1.9	1.4	2.6	1.3	1.7	.6	2.0	1.5	2.4	1.2	2.8	5.6	4.1	2.8	2.7	1.7	2.6	.0	2.1	1.2	1.2	1.3	2.5	2.0	5.6
24	2.4	3.0	3.2	1.8	2.2	2.1	.8	1.5	1.6	3.1	1.9	4.5	3.5	4.3	3.4	2.6	2.2	3.7	3.2	2.3	3.7	2.9	3.2	2.2	2.7	4.5
25	3.8	4.1	3.8	4.6	3.7	2.1	1.1	1.2	.1	1.5	2.6	6.3	5.4	5.4	4.3	3.6	2.0	2.8	4.2	2.4	1.6	1.3	2.4	1.7	3.0	6.3
26	3.0	2.2	2.3	2.6	1.8	1.7	1.1	1.2	.8	2.1	6.5	15.8	17.6	13.5	10.8	11.3	14.5	10.6	7.9	9.8	18.8	6.3	2.7	2.4	7.0	18.8
27	2.2	1.9	1.5	6.1	12.4	3.7	8.3	6.1	7.6	5.3	5.3	6.5	4.7	4.5	3.7	10.1	5.0	9.8	6.9	4.5	6.6	2.8	2.9	2.3	5.4	12.4
28	1.8	2.4	3.1	2.8	1.8	1.3	2.8	1.9	1.4	1.8	2.4	4.1	3.6	4.1	2.8	3.9	3.3	4.0	7.2	4.5	2.5	2.4	4.2	2.5	3.0	7.2
29	3.1	1.3	2.9	1.7	3.8	2.4	3.0	3.0	1.8	3.9	4.3	5.0	8.1	6.7	7.9	10.1	8.3	11.0	7.7	3.6	1.6	1.3	2.2	1.1	4.4	11.0
30	2.1	1.8	1.4	1.6	1.6	2.2	1.5	1.6	1.2	1.5	2.5	2.8	4.0	2.1	2.8	3.8	2.9	3.5	3.1	4.9	6.4	3.0	1.6	2.5	2.6	6.4
31	1.3	1.0	.8	1.2	1.9	1.9	3.4	2.6	2.8	4.0	.4	1.9	2.2	2.1	1.9	2.2	2.0	1.2	.2	1.2	1.3	2.2	1.5	1.7	1.8	4.0
AV	2.2	2.1	2.0	2.9	2.8	2.0	2.1	1.9	2.2	2.8	3.1	4.8	5.3	4.8	4.7	5.4	4.3	4.6	3.7	3.2	3.5	2.4	2.4	2.0	3.2	18.8
SD	.9	.8	1.0	2.1	2.6	.6	1.7	1.2	1.6	1.8	1.6	3.2	3.5	2.7	2.7	3.4	3.5	3.4	2.9	2.6	4.3	2.0	.9	.6	2.6	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC101]

MILES/HOUR

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

NOV, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.7	2.4	2.0	2.2	2.3	2.8	1.5	1.6	1.5	1.5	3.3	3.6	4.4	3.9	4.8	6.5	6.4	6.0	3.1	1.9	3.3	1.9	10.1	9.7	3.7	10.1
2	3.4	2.3	3.8	5.2	4.3	2.2	2.1	1.8	1.8	3.3	6.0	7.2	8.5	7.9	6.7	7.5	7.5	5.7	3.9	2.4	2.2	1.3	2.2	1.6	4.2	8.5
3	1.9	1.7	2.6	1.5	1.4	1.8	1.4	1.7	1.5	1.6	2.0	3.1	3.5	3.3	3.1	1.2	3.6	6.1	2.2	1.2	2.0	2.8	2.0	1.4	2.3	6.1
4	1.3	1.8	2.8	1.1	.5	1.4	1.4	1.1	1.3	1.4	2.5	1.8	3.0	2.8	2.6	5.2	4.6	2.2	.6	.2	.1	.1	.3	1.0	1.7	5.2
5	2.2	2.0	1.5	2.1	.7	1.6	2.3	1.7	1.2	.6	.8	1.2	1.1	1.3	3.3	6.0	4.3	3.4	.8	1.9	1.7	1.1	1.1	1.4	1.9	6.0
6	1.9	1.6	2.6	.2	.8	.6	.1	1.2	1.6	1.7	1.4	1.2	3.8	3.0	1.4	2.3	.8	1.9	2.5	4.2	3.6	2.2	2.1	[RF]	1.9	4.2
7	1.6	1.2	1.5	1.9	1.3	1.3	1.5	1.9	1.2	1.2	1.9	1.0	1.1	1.7	4.1	2.0	1.8	1.2	1.4	1.4	1.4	2.0	2.4	1.7	1.7	4.1
8	.5	1.7	11.7	24.7	14.3	6.9	10.3	10.3	10.5	11.5	7.3	7.2	5.4	4.1	3.1	2.2	2.6	1.9	1.4	2.8	1.4	3.8	3.8	2.2	6.3	24.7
9	2.8	1.1	.5	2.3	.6	1.5	4.3	[RF]	[RF]	2.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.0	4.3
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.2	2.3	1.8	4.3	2.8	1.2	.6	1.3	1.1	2.3	2.3	2.8	5.0	3.2	2.4	5.0
13	2.8	1.6	2.8	1.2	2.2	2.0	2.4	2.0	1.4	2.6	1.7	3.8	7.8	8.7	16.1	17.1	20.4	13.1	7.8	3.1	3.1	3.5	5.8	3.7	5.7	20.4
14	2.2	2.4	3.5	2.5	1.9	2.8	2.4	1.3	1.1	1.3	1.3	2.7	3.9	3.5	4.0	4.2	1.8	1.0	2.0	1.2	1.2	1.2	2.0	2.1	2.2	4.2
15	1.9	2.1	1.0	1.2	1.3	1.8	1.1	1.3	1.1	1.4	1.6	3.1	4.0	4.3	3.4	3.2	5.0	2.5	3.1	1.3	1.9	.8	1.4	2.1	2.2	5.0
16	1.3	2.2	1.9	1.3	1.3	1.2	1.0	1.5	.0	1.3	1.2	2.4	2.0	2.5	2.4	2.9	1.7	1.3	.7	2.0	2.2	1.4	.3	1.5	1.6	2.9
17	1.0	1.1	1.3	1.9	1.6	.4	1.6	1.0	1.1	1.2	1.3	2.3	2.2	2.1	3.6	2.8	2.1	2.8	2.3	2.3	.6	1.1	1.3	1.6	1.7	3.6
18	1.8	1.1	1.7	1.2	.5	1.6	2.8	2.5	1.4	1.2	2.1	2.4	1.8	3.3	3.3	5.6	11.3	9.5	6.5	4.1	9.2	13.8	12.3	13.3	4.8	13.8
19	11.7	10.1	17.0	12.0	8.7	6.8	8.1	6.2	6.7	15.7	18.7	17.0	11.8	9.9	10.1	7.4	7.8	4.3	4.3	2.8	2.9	2.8	1.7	2.2	8.6	18.7
20	3.4	2.3	2.8	2.4	[RF]	[RF]	[RF]	1.4	1.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.3	3.4
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
AV	2.6	2.3	3.6	3.8	2.7	2.3	2.8	2.4	2.2	3.1	3.5	3.9	4.1	4.2	4.7	4.8	5.1	4.0	2.7	2.2	2.4	2.7	3.4	3.2	3.3	24.7
SD	2.5	2.1	4.2	6.0	3.7	1.9	2.7	2.4	2.6	4.2	4.4	3.9	3.0	2.5	3.7	3.9	5.0	3.4	2.1	1.1	2.0	3.1	3.4	3.5	3.4	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

DEC, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.7	1.0	1.9	2.4	2.8	.8	1.3	1.3	1.5	2.8
11	1.7	.8	2.4	1.1	1.0	1.2	1.5	1.0	1.0	.4	1.3	1.2	1.1	.8	4.4	4.6	2.6	2.5	1.2	2.0	.5	.4	.7	.4	1.5	4.6
12	.5	.8	.4	1.9	1.5	1.0	.7	1.1	.5	3.3	1.9	1.6	2.0	1.3	2.3	1.1	2.0	2.6	1.9	2.6	1.3	1.3	1.3	1.2	1.5	3.3
13	1.6	3.0	2.8	2.3	2.2	4.2	3.9	3.2	2.9	2.4	4.7	2.4	2.4	3.3	3.9	4.1	1.7	2.1	3.0	3.1	2.4	2.1	2.2	3.3	2.9	4.7
14	6.2	5.2	5.9	6.0	6.0	2.9	1.9	3.5	2.3	1.5	.8	1.5	.6	.1	1.3	6.1	1.7	1.9	2.8	1.9	1.7	2.3	[RF]	[RF]	2.9	6.2
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.0	3.2	1.1	3.5	4.9	4.3	2.1	1.3	1.7	2.2	1.9	2.3	1.2	2.4	4.9
17	2.8	2.0	1.8	2.3	2.6	2.8	1.7	1.5	2.1	1.6	1.5	3.1	1.4	1.1	2.8	1.8	1.6	1.0	1.7	2.2	2.2	1.4	2.5	3.8	2.1	3.8
18	2.4	2.0	1.3	2.2	2.4	1.6	3.6	2.6	3.7	2.5	2.4	1.9	2.3	3.3	7.5	1.2	1.1	2.1	1.5	1.3	1.2	1.9	1.5	2.5	2.3	7.5
19	2.4	2.0	1.7	1.3	1.0	2.1	1.1	1.0	.7	1.3	2.2	.4	.6	2.4	3.5	3.3	4.1	1.9	1.4	1.0	.7	.8	2.1	1.6	1.7	4.1
20	2.2	1.2	1.5	1.1	1.5	1.3	1.4	1.4	2.3	1.9	1.3	1.5	1.2	1.8	1.3	2.1	3.0	1.2	1.8	1.8	3.3	2.6	2.9	3.3	1.9	3.3
21	3.2	2.3	1.8	.5	1.8	1.7	.2	1.6	1.6	1.1	1.2	2.9	2.1	1.5	1.0	1.8	2.9	2.8	4.0	3.4	3.5	3.1	2.9	2.5	2.1	4.0
22	2.4	1.9	1.9	1.3	1.2	1.1	3.1	2.1	1.7	1.0	2.5	4.9	6.9	5.7	4.9	6.9	11.8	9.7	2.2	2.3	2.8	2.6	1.5	2.5	3.5	11.8
23	5.3	4.8	6.7	6.3	7.5	2.1	6.6	11.9	3.4	6.7	1.4	3.4	3.3	3.4	10.7	3.7	2.1	3.0	2.0	[RF]	[RF]	[RF]	[RF]	[RF]	5.0	11.9
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	13.4	11.4	16.9	17.7	18.6	15.1	14.2	13.8	11.1	11.7	12.1	5.7	13.5	18.6
25	3.7	1.9	2.4	2.8	2.1	3.7	2.9	1.7	1.9	.8	.5	.7	2.5	6.6	1.9	1.2	1.4	.5	1.4	1.0	1.8	1.8	.6	1.4	2.0	6.6
26	2.5	[RF]	[RF]	[RF]	2.5	2.7	2.6	.5	1.4	2.4	1.9	1.4	1.8	2.6	3.0	4.3	4.1	3.7	1.5	2.2	1.8	2.5	2.2	2.9	2.4	4.3
27	2.9	2.5	1.9	2.5	[RF]	[RF]	[RF]	2.0	1.4	1.5	1.1	2.0	3.2	2.9	1.9	6.0	3.0	2.1	2.0	2.5	6.5	1.4	3.0	2.1	2.6	6.5
28	2.8	1.9	2.0	2.0	2.0	[RF]	[RF]	1.5	1.3	2.3	2.0	1.4	1.6	2.0	[RF]	2.2	4.7	4.0	2.5	1.7	1.2	2.1	2.0	2.0	2.2	4.7
29	1.7	2.1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1.9	2.1
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
AV	2.8	2.3	2.5	2.4	2.5	2.2	2.4	2.4	1.9	2.0	1.8	2.0	2.9	3.0	4.4	4.3	4.0	3.3	2.7	2.6	2.8	2.4	2.6	2.4	2.7	18.6
SD	1.4	1.2	1.7	1.7	1.9	1.0	1.7	2.7	.9	1.5	1.0	1.1	3.1	2.7	4.2	3.9	4.4	3.6	3.0	2.9	2.6	2.5	2.6	1.3	2.6	[ ]

QNOUT -- 00000 <811111.1807>

WIND DIRECTION [CC:02]

DEGREES

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	292	274	282	314	306	312	299	321	314	324	353	24	48	72	74	14
9	73	74	67	77	44	93	79	8	333	351	258	231	285	322	327	345	330	342	356	7	0	347	10	32	1
10	5	42	55	37	66	125	189	236	298	33	357	346	22	285	321	339	338	335	323	246	319	352	35	338	16
11	284	290	281	339	310	124	162	271	222	230	250	291	274	266	321	332	322	338	359	41	352	345	303	10	14
12	40	30	51	19	39	108	248	253	274	27	76	149	187	168	177	204	236	215	231	208	31	38	37	16	3
13	22	61	49	31	2	37	133	300	248	213	191	174	170	201	195	179	179	192	206	212	200	170	341	9	10
14	10	10	351	98	30	67	111	226	303	301	310	248	197	179	275	291	311	13	82	86	351	271	77	8	1
15	85	280	310	324	275	276	278	276	11	13	357	5	356	16	4	329	9	25	30	26	34	13	355	342	1
16	13	344	16	23	46	97	159	285	278	225	219	155	216	359	281	252	249	246	252	311	352	54	95	82	12
17	49	347	11	165	60	283	232	93	176	219	216	264	311	5	342	335	340	332	337	306	61	57	74	77	16
18	72	70	90	79	76	69	65	72	79	68	70	72	67	31	25	57	64	72	58	57	35	28	47	354	4
19	44	282	287	304	330	274	244	200	54	108	38	338	278	182	199	181	179	171	159	192	174	32	117	13	9
20	20	25	12	58	72	106	154	237	284	266	329	160	270	270	173	253	315	272	267	291	280	[RF]	[RF]	[RF]	13
21	5	338	4	17	14	57	100	0	258	270	55	130	223	176	333	221	296	194	32	164	191	154	103	29	1
22	54	37	50	22	63	40	80	144	299	305	260	252	224	302	248	212	8	234	206	144	10	11	349	355	[VA]
23	349	28	46	36	5	343	121	206	258	226	309	260	169	153	188	285	318	314	86	180	314	328	75	51	15
24	291	2	335	74	337	15	108	215	230	258	295	257	230	283	268	317	319	342	352	12	39	21	350	4	1
25	319	62	20	67	36	31	55	96	263	269	25	134	13	304	116	60	41	92	92	84	25	6	42	28	3
26	10	30	8	55	353	47	90	92	263	255	35	119	243	235	203	170	69	343	350	34	33	13	359	328	1
27	40	58	11	28	37	52	109	144	189	194	221	247	258	274	334	25	4	53	50	294	26	14	27	21	2
28	35	86	92	38	39	57	128	208	165	0	257	187	184	183	183	189	195	207	199	210	85	11	19	20	9
29	10	103	4	23	23	327	233	199	196	193	175	166	170	165	157	208	190	201	205	207	43	8	10	5	10
30	77	67	355	238	199	198	182	137	145	148	132	171	163	172	242	162	54	47	81	[RF]	[RF]	[RF]	[RF]	[RF]	8
PV	3	4	1	3	3	3	6	10	13	11	[VA]	8	[VA]	9	[VA]	9	15	16	1	10	2	2	3	1	2

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

JUN, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	WNW	W	WNW	NW	NW	NW	WNW	NW	NW	NW	N	NNE	NE	ENE	ENE	WNW
9	ENE	ENE	ENE	ENE	NE	E	E	N	NNW	N	WSW	SW	WNW	NW	NNW	NNW	NNW	NNW	N	N	N	NNW	N	NNE	N
10	N	NE	NE	NE	ENE	SE	S	SW	WNW	NNE	N	NNW	NNE	WNW	NW	NNW	NNW	NNW	NW	WSW	NW	N	NE	NNW	NNW
11	WNW	WNW	W	NNW	NW	SE	SSE	W	SW	SW	WSW	WNW	W	W	NW	NNW	NW	NNW	N	NE	N	NNW	WNW	N	WNW
12	NE	NNE	NE	NNE	NE	ESE	WSW	WSW	W	NNE	ENE	SSE	S	SSE	S	SSW	SW	SW	SW	SSW	NNE	NE	NE	NNE	NE
13	NNE	ENE	NE	NNE	N	NE	SE	WNW	WSW	SSW	S	S	S	SSW	SSW	S	S	SSW	SSW	SSW	SSW	S	NNW	N	SSW
14	N	N	N	E	NNE	ENE	ESE	SW	WNW	WNW	NW	WSW	SSW	S	W	WNW	NW	NNE	E	E	N	W	ENE	N	N
15	E	W	NW	NW	W	W	W	W	N	NNE	N	N	N	NNE	N	NNW	N	NNE	NNE	NNE	NE	NNE	N	NNW	N
16	NNE	NNW	NNE	NNE	NE	E	SSE	WNW	W	SW	SW	SSE	SW	N	W	WSW	WSW	WSW	WSW	NW	N	NE	E	E	WSW
17	NE	NNW	N	SSE	ENE	WNW	SW	E	S	SW	SW	W	NW	N	NNW	NNW	NNW	NNW	NNW	NW	ENE	ENE	ENE	ENE	NNW
18	ENE	ENE	E	E	ENE	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE	NNE	NNE	ENE	ENE	ENE	ENE	ENE	NE	NNE	NE	N	ENE
19	NE	WNW	WNW	NW	NNW	W	WSW	SSW	NE	ESE	NE	NNW	W	S	SSW	S	S	S	SSE	SSW	S	NNE	ESE	NNE	S
20	NNE	NNE	NNE	ENE	ENE	ESE	SSE	WSW	WNW	W	NNW	SSE	W	W	S	WSW	NW	W	W	WNW	W	[RF]	[RF]	[RF]	W
21	N	NNW	N	NNE	NNE	ENE	E	N	WSW	W	NE	SE	SW	S	NNW	SW	WNW	SSW	NNE	SSE	S	SSE	ESE	NNE	N
22	NE	NE	NE	NNE	ENE	NE	E	SE	WNW	NW	W	WSW	SW	WNW	WSW	SSW	N	SW	SSW	SE	N	N	N	N	[VA]
23	N	NNE	NE	NE	N	NNW	ESE	SSW	WSW	SW	NW	W	S	SSE	S	WNW	NW	NW	E	S	NW	NNW	ENE	NE	NW
24	WNW	N	NNW	ENE	NNW	NNE	ESE	SW	SW	WSW	WNW	WSW	SW	WNW	W	NW	NW	NNW	N	NNE	NE	NNE	N	N	N
25	NW	ENE	NNE	ENE	NE	NNE	NE	E	W	W	NNE	SE	NNE	NW	ESE	ENE	NE	E	E	E	NNE	N	NE	NNE	NE
26	N	NNE	N	NE	N	NE	E	E	W	WSW	NE	ESE	WSW	SW	SSW	S	ENE	NNW	N	NE	NNE	NNE	N	NNW	N
27	NE	ENE	N	NNE	NE	NE	ESE	SE	S	SSW	SW	WSW	WSW	W	NNW	NNE	N	NE	NE	WNW	NNE	NNE	NNE	NNE	NNE
28	NE	E	E	NE	NE	ENE	SE	SSW	SSE	N	WSW	S	S	S	S	S	SSW	SSW	SSW	SSW	E	N	NNE	NNE	S
29	N	ESE	N	NNE	NNE	NNW	SW	SSW	SSW	SSW	S	SSE	S	SSE	SSE	SSW	S	SSW	SSW	SSW	NE	N	N	N	SSW
30	ENE	ENE	N	WSW	SSW	SSW	S	SE	SE	SSE	SE	S	SSE	S	WSW	SSE	NE	NE	E	[RF]	[RF]	[RF]	[RF]	[RF]	SSE
PV	NE	ENE	N	NE	NE	NE	ESE	SSW	W	SW	[VA]	SSE	[VA]	S	[VA]	S	NW	NNW	N	SSW	NNE	NNE	NE	N	NNE

WNOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	180	178	179	168	177	176	198	187	219	224	207	233	219	223	212	297	290	1	9
2	[RF]	[RF]	[RF]	[RF]	15	37	70	95	223	275	315	268	276	299	239	223	258	263	263	256	235	28	10	325	13
3	316	16	26	60	44	29	127	89	137	281	326	312	292	304	173	193	197	204	193	196	191	181	122	197	10
4	204	21	327	228	287	168	72	126	288	196	183	205	214	201	207	228	208	214	232	310	328	266	317	221	10
5	2	96	30	343	295	286	284	275	282	271	279	283	322	326	329	298	315	287	105	118	49	101	12	326	14
6	324	18	5	0	4	24	69	183	181	255	252	248	235	293	245	232	350	111	62	70	63	7	28	47	1
7	13	39	29	37	21	70	109	114	219	265	263	275	240	316	254	129	171	178	159	174	192	236	283	290	[VA]
8	278	281	274	183	150	70	144	53	117	121	143	289	267	258	175	135	159	260	248	78	156	24	261	115	13
9	32	37	355	260	21	22	14	73	136	259	242	254	316	272	273	259	276	240	303	336	338	301	10	343	13
10	15	30	332	359	45	39	41	175	274	303	331	305	301	194	267	31	4	335	24	25	36	16	7	37	2
11	305	267	20	69	332	8	111	348	7	65	22	350	7	206	153	3	339	206	62	55	145	30	4	5	1
12	24	21	33	340	9	29	108	153	193	152	252	216	222	230	241	329	351	307	354	253	129	324	330	28	1
13	32	0	74	345	115	53	356	351	100	326	343	11	358	152	57	9	49	60	68	64	12	35	64	75	4
14	6	314	335	345	17	39	118	117	253	254	265	279	274	327	246	107	124	280	304	332	327	105	67	347	16
15	[RF]	[RF]	[RF]	[RF]	11	338	95	141	264	250	309	308	216	228	213	[RF]	[RF]	224	228	207	204	206	[RF]	[RF]	11
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	65	88	228	307	91	5
27	45	346	293	293	30	23	85	241	141	262	310	260	241	257	205	224	254	307	295	2	324	222	335	72	[VA]
28	4	304	228	336	72	3	272	131	172	287	261	188	116	175	229	33	79	100	62	74	20	351	10	7	1
29	347	67	21	66	3	9	297	128	83	90	46	359	350	356	345	347	350	332	339	19	50	59	57	27	1
30	12	0	15	29	1	356	308	275	72	91	107	106	30	338	337	321	346	302	345	358	59	140	14	5	1
31	344	355	353	11	52	76	112	230	256	212	266	237	35	317	305	306	72	70	8	[RF]	[RF]	[RF]	[RF]	[RF]	[VA]
PV	1	2	1	1	2	2	6	7	[VA]	13	13	13	11	15	12	[VA]	1	[VA]	11	[VA]	3	2	1	1	1

OHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	S	S	S	SSE	S	S	SSW	S	SW	SW	SSW	SW	SW	SW	SSW	WNW	WNW	N	S
2	[RF]	[RF]	[RF]	[RF]	NNE	NE	ENE	E	SW	W	NW	W	W	WNW	WSW	SW	WSW	W	W	WSW	SW	NNE	N	NW	W
3	NW	NNE	NNE	ENE	NE	NNE	SE	E	SE	W	NW	NW	WNW	NW	S	SSW	SSW	SSW	SSW	SSW	S	S	ESE	SSW	SSW
4	SSW	NNE	NNW	SW	WNW	SSE	ENE	SE	WNW	SSW	S	SSW	SW	SSW	SSW	SW	SSW	SW	SW	NW	NNW	W	NW	SW	SSW
5	N	E	NNE	NNW	WNW	WNW	WNW	W	WNW	W	W	WNW	NW	NW	NNW	WNW	NW	WNW	ESE	ESE	NE	E	NNE	NW	WNW
6	NW	NNE	N	N	N	NNE	ENE	S	S	WSW	WSW	WSW	SW	WNW	WSW	SW	N	ESE	ENE	ENE	ENE	N	NNE	NE	N
7	NNE	NE	NNE	NE	NNE	ENE	ESE	ESE	SW	W	W	W	WSW	NW	WSW	SE	S	S	SSE	S	SSW	SW	WNW	WNW	[VA]
8	W	W	W	S	SSE	ENE	SE	NE	ESE	ESE	SE	WNW	W	WSW	S	SE	SSE	W	WSW	ENE	SSE	NNE	W	ESE	W
9	NNE	NE	N	W	NNE	NNE	NNE	ENE	SE	W	WSW	WSW	NW	W	W	W	W	WSW	WNW	NNW	NNW	WNW	N	NNW	W
10	NNE	NNE	NNW	N	NE	NE	NE	S	W	WNW	NNW	NW	WNW	SSW	W	NNE	N	NNW	NNE	NNE	NE	NNE	N	NE	NNE
11	NW	W	NNE	ENE	NNW	N	ESE	NNW	N	ENE	NNE	N	N	SSW	SSE	N	NNW	SSW	ENE	NE	SE	NNE	N	N	N
12	NNE	NNE	NNE	NNW	N	NNE	ESE	SSE	SSW	SSE	WSW	SW	SW	SW	WSW	NNW	N	NW	N	WSW	SE	NW	NNW	NNE	N
13	NNE	N	ENE	NNW	ESE	NE	N	N	E	NW	NNW	N	N	SSE	ENE	N	NE	ENE	ENE	ENE	NNE	NE	ENE	ENE	ENE
14	N	NW	NNW	NNW	NNE	NE	ESE	ESE	WSW	WSW	W	W	W	NNW	WSW	ESE	SE	W	NW	NNW	NNW	ESE	ENE	NNW	NNW
15	[RF]	[RF]	[RF]	[RF]	N	NNW	E	SE	W	WSW	NW	NW	SW	SW	SSW	[RF]	[RF]	SW	SW	SSW	SSW	SSW	[RF]	[RF]	SW
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	ENE	E	SW	NW	E	E
27	NE	NNW	WNW	WNW	NNE	NNE	E	WSW	SE	W	NW	W	WSW	WSW	SSW	SW	WSW	NW	WNW	N	NW	SW	NNW	ENE	[VA]
28	N	NW	SW	NNW	ENE	N	W	SE	S	WNW	W	S	ESE	S	SW	NNE	E	E	ENE	ENE	NNE	N	N	N	N
29	NNW	ENE	NNE	ENE	N	N	WNW	SE	E	E	NE	N	N	N	NNW	NNW	N	NNW	NNW	NNE	NE	ENE	ENE	NNE	N
30	NNE	N	NNE	NNE	N	N	NW	W	ENE	E	ESE	ESE	NNE	NNW	NNW	NW	NNW	WNW	NNW	N	ENE	SE	NNE	N	N
31	NNW	N	N	N	NE	ENE	ESE	SW	WSW	SSW	W	WSW	NE	NW	NW	NW	ENE	ENE	N	[RF]	[RF]	[RF]	[RF]	[RF]	[VA]
PV	N	NNE	N	N	NNE	NNE	ESE	SE	[VA]	W	W	W	SW	NW	WSW	[VA]	N	[VA]	SW	[VA]	NE	NNE	N	N	N

OHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

AUG, 1982

AEROVIRONMENT INC.

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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	87	86	71	32	333	13	61	19	4
12	28	340	292	288	356	335	117	98	121	283	331	281	310	298	346	137	192	191	242	182	161	239	297	295	14
13	71	348	16	308	109	330	161	202	171	73	25	302	273	347	238	181	114	345	11	335	349	264	352	349	1
14	19	312	34	354	102	9	77	350	325	184	149	202	8	320	271	283	344	345	286	192	205	225	335	18	1
15	19	22	48	47	29	55	51	85	117	245	286	276	294	202	187	131	83	79	164	171	196	196	99	99	3
16	206	255	16	350	23	19	336	39	3	300	337	172	261	253	184	179	140	154	243	178	308	73	292	28	2
17	341	357	30	33	34	10	20	81	113	108	213	7	301	298	93	95	61	97	139	196	182	93	116	117	5
18	207	284	264	223	76	69	129	117	208	213	204	274	213	259	106	153	206	165	254	294	285	37	227	7	10
19	344	343	17	75	52	22	31	107	121	239	309	15	182	175	71	140	173	209	174	56	356	7	75	347	2
20	293	22	359	85	47	56	54	90	200	230	293	255	254	263	288	297	339	331	345	46	280	302	324	175	14
21	35	299	297	16	301	285	302	93	17	226	192	262	237	209	222	204	136	85	52	72	249	313	16	53	14
22	15	15	19	313	1	38	35	37	73	195	318	323	283	273	310	174	142	134	87	52	44	39	28	28	3
23	39	49	52	50	89	50	69	87	111	229	295	290	293	241	214	205	203	197	214	206	187	198	175	192	10
24	196	346	254	194	20	51	108	71	74	72	86	103	117	64	288	351	252	192	198	188	177	182	209	40	10
25	69	23	65	18	18	77	1	209	211	221	201	201	183	181	186	186	194	175	174	201	151	141	318	83	9
26	358	222	222	207	64	24	30	97	125	226	272	193	180	175	159	212	330	183	175	0	290	304	248	18	9
27	339	283	345	99	42	8	323	103	278	300	326	295	288	254	239	243	220	198	191	141	68	257	219	19	[VA]
28	340	21	19	27	26	90	121	111	19	310	231	230	265	167	82	80	90	215	244	11	89	88	42	332	5
29	338	9	102	354	25	350	185	270	262	317	217	32	232	146	51	67	39	52	4	97	250	149	94	327	1
30	336	28	344	12	12	24	43	120	151	194	262	296	310	240	255	240	240	245	240	330	90	0	10	10	2
31	330	45	50	350	40	320	30	90	190	260	210	270	330	300	240	240	270	330	[VA]	315	10	300	335	315	16
PV	16	2	2	2	2	3	3	5	6	11	14	13	14	12	12	9	10	10	[VA]	9	9	3	1	1	2

QHOUI -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

AUG, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	E	E	ENE	NNE	NNW	NNE	ENE	NNE	ENE
12	NNE	NNW	WNW	WNW	N	NNW	ESE	E	ESE	WNW	NNW	W	NW	WNW	NNW	SE	SSW	S	WSW	S	SSE	WSW	WNW	WNW	WNW
13	ENE	NNW	NNE	NW	ESE	NNW	SSE	SSW	S	ENE	NNE	WNW	W	NNW	WSW	S	ESE	NNW	N	NNW	N	W	N	N	N
14	NNE	NW	NE	N	ESE	N	ENE	N	NW	S	SSE	SSW	N	NW	W	WNW	NNW	NNW	WNW	SSW	SSW	SW	NNW	NNE	N
15	NNE	NNE	NE	NE	NNE	NE	NE	E	ESE	WSW	WNW	W	WNW	SSW	S	SE	E	E	SSE	S	SSW	SSW	E	E	NE
16	SSW	WSW	NNE	N	NNE	NNE	NNW	NE	N	WNW	NNW	S	W	WSW	S	S	SE	SSE	WSW	S	NW	ENE	WNW	NNE	NNE
17	NNW	N	NNE	NNE	NE	N	NNE	E	ESE	ESE	SSW	N	WNW	WNW	E	E	ENE	E	SE	SSW	S	E	ESE	ESE	E
18	SSW	WNW	W	SW	ENE	ENE	SE	ESE	SSW	SSW	SSW	W	SSW	W	ESE	SSE	SSW	SSE	WSW	WNW	WNW	NE	SW	N	SSW
19	NNW	NNW	NNE	ENE	NE	NNE	NNE	ESE	ESE	WSW	NW	NNE	S	S	ENE	SE	S	SSW	S	NE	N	N	ENE	NNW	NNE
20	WNW	NNE	N	E	NE	NE	NE	E	SSW	SW	WNW	WSW	WSW	W	WNW	WNW	NNW	NNW	NNW	NE	W	WNW	NW	S	WNW
21	NE	WNW	WNW	NNE	WNW	WNW	WNW	E	NNE	SW	SSW	W	WSW	SSW	SW	SSW	SE	E	NE	ENE	WSW	NW	NNE	NE	WNW
22	NNE	NNE	NNE	NW	N	NE	NE	NE	ENE	SSW	NW	NW	WNW	W	NW	S	SE	SE	E	NE	NE	NE	NNE	NNE	NE
23	NE	NE	NE	NE	E	NE	ENE	E	ESE	SW	WNW	WNW	WNW	WSW	SW	SSW	SSW	SSW	SW	SSW	S	SSW	S	SSW	SSW
24	SSW	NNW	WSW	SSW	NNE	NE	ESE	ENE	ENE	ENE	E	ESE	ESE	ENE	WNW	N	WSW	SSW	SSW	S	S	S	SSW	NE	SSW
25	ENE	NNE	ENE	NNE	NNE	ENE	N	SSW	SSW	SW	SSW	SSW	S	S	S	S	SSW	S	S	SSW	SSE	SE	NW	E	S
26	N	SW	SW	SSW	ENE	NNE	NNE	E	SE	SW	W	SSW	S	S	SSE	SSW	NNW	S	S	N	WNW	NW	WSW	NNE	S
27	NNW	WNW	NNW	E	NE	N	NW	ESE	W	WNW	NW	WNW	WNW	WSW	WSW	WSW	SW	SSW	S	SE	ENE	WSW	SW	NNE	[VA]
28	NNW	NNE	NNE	NNE	NNE	E	ESE	ESE	NNE	NW	SW	SW	W	SSE	E	E	E	SW	WSW	N	E	E	NE	NNW	E
29	NNW	N	ESE	N	NNE	N	S	W	W	NW	SW	NNE	SW	SE	NE	ENE	NE	NE	N	E	WSW	SSE	E	NNW	N
30	NNW	NNE	NNW	NNE	NNE	NNE	NE	ESE	SSE	SSW	W	WNW	NW	WSW	WSW	WSW	WSW	WSW	WSW	NNW	E	N	N	N	NNE
31	NNW	NE	NE	N	NE	NW	NNE	E	S	W	SSW	W	NNW	WNW	WSW	WSW	W	NNW	[VA]	NW	N	WNW	NNW	NW	NNW
PV	NNW	NNE	NNE	NNE	NNE	NE	NE	E	ESE	SW	WNW	W	WNW	WSW	WSW	S	SSW	SSW	[VA]	S	S	NE	N	N	NNE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	31	[VA]	18	[VA]	36	36	39	116	32	249	258	273	252	239	263	257	271	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	12
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	108	85	148	148	[VA]
5	98	79	96	161	117	233	164	97	344	251	138	146	200	308	299	122	157	170	71	78	42	8	6	1	5
6	17	70	45	16	343	44	67	130	112	170	205	214	213	207	236	179	256	326	286	261	204	277	247	12	10
7	71	351	20	55	343	348	54	28	82	77	326	339	313	2	16	232	265	290	359	27	358	23	51	348	1
8	248	273	238	243	252	259	165	180	263	252	304	237	121	14	52	16	43	87	66	90	107	129	204	243	12
9	253	198	177	167	223	196	172	176	172	185	292	308	270	305	273	285	36	6	104	200	268	284	307	334	9
10	284	300	280	290	[VA]	10	150	210	280	280	300	59	266	60	98	205	319	323	242	112	78	60	54	55	13
11	4	346	342	334	325	332	301	296	303	281	347	37	24	66	66	82	87	95	106	106	312	317	253	46	16
12	355	10	114	4	26	23	18	47	37	305	292	266	224	252	286	269	261	15	324	12	168	87	125	9	2
13	27	100	47	347	95	85	81	78	88	31	278	286	282	255	171	91	132	46	48	152	190	224	42	343	[VA]
14	356	12	37	345	16	26	26	89	104	150	131	124	186	171	162	145	128	93	78	58	65	45	28	329	2
15	67	281	122	325	12	67	264	288	282	204	46	74	325	331	284	290	295	334	127	2	334	15	3	357	14
16	38	350	300	9	41	26	6	51	92	216	226	300	330	333	303	288	224	230	258	294	16	53	321	19	3
17	24	279	335	24	100	348	15	55	119	95	62	36	89	290	182	290	176	119	323	46	6	43	25	0	2
18	341	9	33	18	31	107	6	100	73	138	172	264	331	312	89	38	239	198	168	160	110	177	159	300	[VA]
19	278	293	100	208	9	46	261	288	162	255	189	83	83	26	284	11	100	162	33	25	335	295	298	82	14
20	317	34	33	331	4	331	326	347	137	139	59	252	266	328	334	331	326	319	315	329	267	51	30	13	16
21	358	21	2	4	27	49	84	55	107	159	214	326	320	323	309	248	214	207	157	179	232	244	16	10	1
22	17	77	27	46	58	35	73	88	159	192	111	263	254	266	249	218	226	221	205	182	192	309	103	5	10
23	10	33	34	18	34	45	52	83	125	157	236	225	257	288	255	224	235	255	300	52	8	33	18	107	2
24	18	77	30	36	29	26	35	83	117	218	236	175	249	268	284	199	198	296	269	59	5	21	297	302	2
25	39	15	29	337	106	341	104	37	48	55	30	115	110	267	124	136	61	313	107	90	40	16	29	19	3
26	23	50	350	200	201	3	310	71	167	209	206	194	195	191	195	198	199	201	178	119	142	282	291	251	10
27	252	273	91	88	76	51	107	112	47	60	94	137	123	170	211	219	245	222	64	127	171	116	134	169	6
28	174	198	225	227	210	209	225	209	192	212	212	216	215	212	230	273	232	89	84	187	129	189	246	47	10
29	25	2	193	295	93	210	275	322	43	74	68	54	253	279	261	276	268	270	270	271	282	249	75	25	13
30	302	311	355	6	348	28	339	27	20	268	234	42	286	323	332	337	25	229	255	249	319	312	279	274	15
PV	2	2	2	1	2	2	3	5	6	12	11	13	12	15	13	11	11	11	4	4	1	2	2	1	2

WIND DIRECTION [CC:02]

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	NNE	[VA]	NNE	[VA]	NE	NE	NE	ESE	NNE	WSW	WSW	W	WSW	WSW	W	WSW	W	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	WSW
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	ESE	E	SSE	SSE	[VA]
5	E	E	E	SSE	ESE	SW	SSE	E	NNW	WSW	SE	SE	SSW	NW	WNW	ESE	SSE	S	ENE	ENE	NE	N	N	N	E
6	NNE	ENE	NE	NNE	NNW	NE	ENE	SE	ESE	S	SSW	SW	SSW	SSW	SW	S	WSW	NW	WNW	W	SSW	W	WSW	NNE	SSW
7	ENE	N	NNE	NE	NNW	NNW	NE	NNE	E	ENE	NW	NNW	NW	N	NNE	SW	W	WNW	N	NNE	N	NNE	NE	NNW	N
8	WSW	W	WSW	WSW	WSW	W	SSE	S	W	WSW	NW	WSW	ESE	NNE	NE	NNE	NE	E	ENE	E	ESE	SE	SSW	WSW	WSW
9	WSW	SSW	S	SSE	SW	SSW	S	S	S	S	WNW	NW	W	NW	W	WNW	NE	N	ESE	SSW	W	WNW	NW	NNW	S
10	WNW	WNW	W	WNW	[VA]	N	SSE	SSW	W	W	WNW	ENE	W	ENE	E	SSW	NW	NW	WSW	ESE	ENE	ENE	NE	NE	W
11	N	NNW	NNW	NNW	NW	NNW	WNW	WNW	WNW	W	NNW	NE	NNE	ENE	ENE	E	E	E	ESE	ESE	NW	NW	WSW	NE	NNW
12	N	N	ESE	N	NNE	NNE	NNE	NE	NE	NW	WNW	W	SW	WSW	WNW	W	W	NNE	NW	NNE	SSE	E	SE	N	NNE
13	NNE	E	NE	NNW	E	E	E	ENE	E	NNE	W	WNW	WNW	WSW	S	E	SE	NE	NE	SSE	S	SW	NE	NNW	[VA]
14	N	NNE	NE	NNW	NNE	NNE	NNE	E	ESE	SSE	SE	SE	S	S	SSE	SE	SE	E	ENE	ENE	ENE	NE	NNE	NNW	NNE
15	ENE	W	ESE	NW	NNE	ENE	W	WNW	WNW	SSW	NE	ENE	NW	NNW	WNW	WNW	WNW	NNW	SE	N	NNW	NNE	N	N	WNW
16	NE	N	WNW	N	NE	NNE	N	NE	E	SW	SW	WNW	NNW	NNW	WNW	WNW	SW	SW	WSW	WNW	NNE	NE	NW	NNE	NE
17	NNE	W	NNW	NNE	E	NNW	NNE	NE	ESE	E	ENE	NE	E	WNW	S	WNW	S	ESE	NW	NE	N	NE	NNE	N	NNE
18	NNW	N	NNE	NNE	NNE	ESE	N	E	ENE	SE	S	W	NNW	NW	E	NE	WSW	SSW	SSE	SSE	ESE	S	SSE	WNW	[VA]
19	W	WNW	E	SSW	N	NE	W	WNW	SSE	WSW	S	E	E	NNE	WNW	N	E	SSE	NNE	NNE	NNW	WNW	WNW	E	WNW
20	NW	NE	NNE	NNW	N	NNW	NW	NNW	SE	SE	ENE	WSW	W	NNW	NNW	NNW	NW	NW	NW	NNW	W	NE	NNE	NNE	NNW
21	N	NNE	N	N	NNE	NE	E	NE	ESE	SSE	SW	NW	NW	NW	NW	WSW	SW	SSW	SSE	S	SW	WSW	NNE	N	N
22	NNE	ENE	NNE	NE	ENE	NE	ENE	E	SSE	SSW	ESE	W	WSW	W	WSW	SW	SW	SW	SSW	S	SSW	NW	ESE	N	SSW
23	N	NNE	NE	NNE	NE	NE	NE	E	SE	SSE	SW	SW	WSW	WNW	WSW	SW	SW	WSW	WNW	NE	N	NNE	NNE	ESE	NNE
24	NNE	ENE	NNE	NE	NNE	NNE	NE	E	ESE	SW	SW	S	WSW	W	WNW	SSW	SSW	WNW	W	ENE	N	NNE	WNW	WNW	NNE
25	NE	NNE	NNE	NNW	ESE	NNW	ESE	NE	NE	NE	NNE	ESE	ESE	W	SE	SE	ENE	NW	ESE	E	NE	NNE	NNE	NNE	NE
26	NNE	NE	N	SSW	SSW	N	NW	ENE	SSE	SSW	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	S	ESE	SE	WNW	WNW	WSW	SSW
27	WSW	W	E	E	ENE	NE	ESE	ESE	NE	ENE	E	SE	ESE	S	SSW	SW	WSW	SW	ENE	SE	S	ESE	SE	S	ESE
28	S	SSW	SW	SW	SSW	SSW	SW	SSW	SSW	SSW	SSW	SW	SW	SSW	SW	W	SW	E	E	S	SE	S	WSW	NE	SSW
29	NNE	N	SSW	WNW	E	SSW	W	NW	NE	ENE	ENE	NE	WSW	W	W	W	W	W	W	W	WNW	WSW	ENE	NNE	W
30	WNW	NW	N	N	NNW	NNE	NNW	NNE	NNE	W	SW	NE	WNW	NW	NNW	NNW	NNE	SW	WSW	WSW	NW	NW	W	W	NW
PV	NNE	NNE	NNE	N	NNE	NNE	NE	E	ESE	WSW	SW	W	WSW	NW	W	SW	SW	SW	ENE	ENE	N	NNE	NNE	N	NNE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	227	22	355	10	359	355	342	342	19	239	314	278	321	292	296	283	287	286	278	263	261	235	177	27	14
2	11	8	21	25	21	39	66	40	136	264	263	284	279	237	251	258	244	316	355	1	203	305	356	357	1
3	13	20	52	50	33	40	27	79	113	118	215	225	334	264	318	295	298	337	79	342	350	19	340	357	2
4	27	37	44	43	25	28	30	214	116	114	228	309	323	4	333	326	308	272	267	4	23	359	40	358	2
5	328	86	305	298	252	247	65	27	347	354	69	102	63	65	32	53	68	69	155	65	352	15	52	49	4
6	14	13	8	0	6	19	32	75	127	186	283	270	143	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	80	93	172	183	98	241	332	346	10	15	3	34	348	23	1	1
20	24	344	22	18	50	30	27	63	99	173	234	280	302	225	317	310	224	283	166	276	214	294	293	317	2
21	0	43	123	28	34	43	55	51	108	151	204	159	238	240	225	303	293	316	12	333	36	28	20	355	2
22	37	28	22	39	30	56	71	45	96	111	249	256	216	261	321	202	26	245	330	4	210	287	60	29	3
23	11	34	9	40	38	48	91	81	114	111	185	237	292	318	334	328	311	281	335	292	253	96	345	337	16
24	88	49	5	59	45	15	83	68	124	132	216	229	226	250	303	296	270	282	284	351	358	25	254	348	1
25	342	359	115	46	33	347	25	21	312	83	274	328	314	264	282	241	233	312	293	130	3	305	359	102	[VA]
26	355	49	26	55	74	78	100	37	86	77	204	183	179	181	190	192	183	165	166	182	256	233	132	27	9
27	352	16	100	184	260	293	16	304	17	16	213	210	158	143	204	265	296	333	240	187	181	321	6	18	[VA]
28	22	5	350	10	33	3	357	22	78	81	218	247	255	83	265	271	280	356	178	55	180	50	328	340	1
29	234	284	163	41	5	13	11	341	320	230	232	252	204	210	191	189	181	210	217	222	358	7	13	10	11
30	37	22	31	41	213	345	339	15	21	231	249	259	241	119	329	191	185	127	280	284	292	70	80	70	2
31	69	122	124	235	310	341	333	278	277	266	294	315	324	296	63	117	70	57	58	38	24	243	324	273	13
PV	1	2	2	3	2	2	2	3	6	6	11	12	15	13	15	14	14	14	13	1	2	2	1	1	2

WIND DIRECTION [CC:02]

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 16

OCT, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SW	NNE	N	N	N	N	NNW	NNW	NNE	WSW	NW	W	NW	WNW	WNW	WNW	WNW	WNW	W	W	W	SW	S	NNE	WNW
2	N	N	NNE	NNE	NNE	NE	ENE	NE	SE	W	W	WNW	W	WSW	WSW	WSW	WSW	NW	N	N	SSW	NW	N	N	N
3	NNE	NNE	NE	NE	NNE	NE	NNE	E	ESE	ESE	SW	SW	NNW	W	NW	WNW	WNW	NNW	E	NNW	N	NNE	NNW	N	NNE
4	NNE	NE	NE	NE	NNE	NNE	NNE	SW	ESE	ESE	SW	NW	NW	N	NNW	NW	NW	W	W	N	NNE	N	NE	N	NNE
5	NNW	E	NW	WNW	WSW	WSW	ENE	NNE	NNW	N	E	ESE	ENE	ENE	NNE	NE	ENE	E	SSE	ENE	N	NNE	NE	NE	ENE
6	NNE	NNE	N	N	N	NNE	NNE	ENE	SE	S	WNW	W	SE	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	NNE
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	E	E	S	S	E	WSW	NNW	NNW	N	NNE	N	NE	NNW	NNE	N	N
20	NNE	NNW	NNE	NNE	NE	NNE	NNE	ENE	E	S	SW	W	WNW	SW	NW	NW	SW	WNW	SSE	W	SW	WNW	WNW	NW	NNE
21	N	NE	ESE	NNE	NE	NE	NE	NE	ESE	SSE	SSW	SSE	WSW	WSW	SW	WNW	WNW	NW	NNE	NNW	NE	NNE	NNE	N	NNE
22	NE	NNE	NNE	NE	NNE	NE	ENE	NE	E	ESE	WSW	WSW	SW	W	NW	SSW	NNE	WSW	NNW	N	SSW	WNW	ENE	NNE	NE
23	N	NE	N	NE	NE	NE	E	E	ESE	ESE	S	WSW	WNW	NW	NNW	NNW	NW	W	NNW	WNW	WSW	E	NNW	NNW	NNW
24	E	NE	N	ENE	NE	NNE	E	ENE	SE	SE	SW	SW	SW	WSW	WNW	WNW	W	WNW	WNW	N	N	NNE	WSW	NNW	N
25	NNW	N	ESE	NE	NNE	NNW	NNE	NNE	NW	E	W	NNW	NW	W	WNW	WSW	SW	NW	WNW	SE	N	NW	N	ESE	[VA]
26	N	NE	NNE	NE	ENE	ENE	E	NE	E	ENE	SSW	S	S	S	S	SSW	S	SSE	SSE	S	WSW	SW	SE	NNE	S
27	N	NNE	E	S	W	WNW	NNE	NW	NNE	NNE	SSW	SSW	SSE	SE	SSW	W	WNW	NNW	WSW	S	S	NW	N	NNE	[VA]
28	NNE	N	N	N	NNE	N	N	NNE	ENE	E	SW	WSW	WSW	E	W	W	W	N	S	NE	S	NE	NNW	NNW	N
29	SW	WNW	SSE	NE	N	NNE	N	NNW	NW	SW	SW	WSW	SSW	SSW	S	S	S	SSW	SW	SW	N	N	NNE	N	SW
30	NE	NNE	NNE	NE	SSW	NNW	NNW	NNE	NNE	SW	WSW	W	WSW	ESE	NNW	S	S	SE	W	WNW	WNW	ENE	E	ENE	NNE
31	ENE	ESE	SE	SW	NW	NNW	NNW	W	W	W	WNW	NW	NW	WNW	ENE	ESE	ENE	ENE	ENE	NE	NNE	WSW	NW	W	W
PV	N	NNE	NNE	NE	NNE	NNE	NNE	NE	ESE	ESE	SW	WSW	NW	W	NW	WNW	WNW	WNW	W	N	NNE	NNE	N	N	NNE

WNOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

NOV, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	258	322	53	51	305	16	16	344	279	245	213	251	223	267	169	244	283	323	28	330	12	352	45	90	2
2	61	34	324	324	293	45	5	7	127	223	2	337	343	43	79	35	64	86	63	23	340	353	339	16	1
3	11	279	15	26	86	69	51	22	97	66	126	166	1	249	234	16	352	335	332	7	327	344	9	47	1
4	34	43	22	57	26	20	43	14	58	106	85	161	221	324	227	291	322	275	278	297	346	340	61	63	4
5	38	28	49	46	28	49	320	39	46	137	166	216	262	270	282	321	319	277	274	341	316	333	21	309	3
6	72	350	35	46	54	23	46	353	91	105	203	215	232	270	292	113	170	348	101	142	332	345	23	61	3
7	21	42	307	26	8	16	36	57	114	114	201	249	194	188	311	337	236	168	70	18	47	51	67	45	3
8	10	330	174	181	189	215	189	192	196	192	344	345	330	282	332	35	93	54	278	57	175	33	113	59	9
9	80	120	19	110	66	54	86	356	356	60	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	4
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	64	73	33	281	326	281	326	13	21	20	302	22	17	26	2
13	24	32	46	133	339	113	32	172	94	82	71	349	304	259	270	256	267	297	337	322	242	303	69	84	5
14	340	309	328	293	6	329	302	20	69	140	251	257	286	349	345	314	344	202	259	5	21	36	54	12	1
15	73	15	7	11	350	21	37	17	68	94	234	239	244	231	228	238	305	292	284	263	232	290	287	356	[VA]
16	309	17	326	59	6	353	42	3	228	275	192	218	307	29	212	220	245	308	4	327	303	26	256	243	1
17	54	306	2	51	26	58	10	0	98	234	231	270	245	230	253	243	242	281	285	228	289	[VA]	40	359	11
18	336	4	85	32	75	350	358	298	187	127	106	2	210	266	275	233	202	200	198	177	206	199	199	202	10
19	208	209	205	186	190	184	206	225	221	233	280	259	224	260	243	263	265	317	239	259	172	29	284	2	13
20	12	13	15	31	7	58	18	49	66	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	3	2	2	3	1	3	3	2	4	6	10	12	11	13	12	12	15	15	13	16	16	2	3	2	2

WIND DIRECTION [LC:02]

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	WSW	NW	NE	NE	NW	NNE	NNE	NNW	W	WSW	SSW	WSW	SW	W	S	WSW	WNW	NW	NNE	NNW	NNE	N	NE	E	NNE
2	ENE	NE	NW	NW	WNW	NE	N	N	SE	SW	N	NNW	NNW	NE	E	NE	ENE	E	ENE	NNE	NNW	N	NNW	NNE	N
3	N	W	NNE	NNE	E	ENE	NE	NNE	E	ENE	SE	SSE	N	WSW	SW	NNE	N	NNW	NNW	N	NNW	NNW	N	NE	N
4	NE	NE	NNE	ENE	NNE	NNE	NE	NNE	ENE	ESE	E	SSE	SW	NW	SW	WNW	NW	W	W	WNW	NNW	NNW	ENE	ENE	ENE
5	NE	NNE	NE	NE	NNE	NE	NW	NE	NE	SE	SSE	SW	W	W	WNW	NW	NW	W	W	NNW	NW	NNW	NNE	NW	NE
6	ENE	N	NE	NE	NE	NNE	NE	N	E	ESE	SSW	SW	SW	W	WNW	ESE	S	NNW	E	SE	NNW	NNW	NNE	ENE	NE
7	NNE	NE	NW	NNE	N	NNE	NE	ENE	ESE	ESE	SSW	WSW	SSW	S	NW	NNW	SW	SSE	ENE	NNE	NE	NE	ENE	NE	NE
8	N	NNW	S	S	S	SW	S	SSW	SSW	SSW	NNW	NNW	NNW	WNW	NNW	NE	E	NE	W	ENE	S	NNE	ESE	ENE	S
9	E	ESE	NNE	ESE	ENE	NE	E	N	N	ENE	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	ENE
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	ENE	ENE	NNE	W	NW	W	NW	NNE	NNE	NNE	WNW	NNE	NNE	NNE	NNE
13	NNE	NNE	NE	SE	NNW	ESE	NNE	S	E	E	ENE	N	NW	W	W	WSW	W	WNW	NNW	NW	WSW	WNW	ENE	E	E
14	NNW	NW	NNW	WNW	N	NNW	WNW	NNE	ENE	SE	WSW	WSW	WNW	N	NNW	NW	NNW	SSW	W	N	NNE	NE	NE	NNE	N
15	ENE	NNE	N	N	N	NNE	NE	NNE	ENE	E	SW	WSW	WSW	SW	SW	WSW	NW	WNW	WNW	W	SW	WNW	WNW	N	[VA]
16	NW	NNE	NW	ENE	N	N	NE	N	SW	W	SSW	SW	NW	NNE	SSW	SW	WSW	NW	N	NNW	WNW	NNE	WSW	WSW	N
17	NE	NW	N	NE	NNE	ENE	N	N	E	SW	SW	W	WSW	SW	WSW	WSW	WSW	W	WNW	SW	WNW	[VA]	NE	N	SW
18	NNW	N	E	NNE	ENE	N	N	WNW	S	SE	ESE	N	SSW	W	W	SW	SSW	SSW	SSW	S	SSW	SSW	SSW	SSW	SSW
19	SSW	SSW	SSW	S	S	S	SSW	SW	SW	SW	W	W	SW	W	WSW	W	W	NW	WSW	W	S	NNE	WNW	N	W
20	NNE	NNE	NNE	NNE	N	ENE	NNE	NE	ENE	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	NNE
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	NE	NNE	NNE	NE	N	NE	NE	NNE	ENE	ESE	SSW	WSW	SW	W	WSW	WSW	NW	NW	W	NNW	NNW	NNE	NE	NNE	NNE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	322	10	33	21	33	52	337	35	2
11	42	153	134	68	25	101	110	71	6	13	197	154	266	238	335	339	294	275	303	265	234	235	233	234	[VA]
12	228	228	232	233	238	237	236	237	237	175	125	227	89	63	11	212	287	344	350	346	72	152	35	349	11
13	316	349	339	332	285	314	296	272	331	344	345	350	296	273	314	279	304	306	188	19	30	327	210	351	16
14	272	275	266	265	249	281	33	323	324	313	133	194	129	45	308	352	302	282	350	356	11	287	[RF]	[RF]	13
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	256	278	39	326	264	276	329	11	322	306	338	3	302	15
17	5	26	313	10	25	14	346	38	14	182	178	252	289	5	245	233	340	3	265	282	284	281	274	281	1
18	348	34	25	297	335	84	355	34	58	107	148	209	244	280	247	182	99	45	340	348	19	12	5	20	2
19	64	19	59	12	28	36	321	20	68	109	119	175	201	204	235	257	323	271	251	302	331	346	340	281	2
20	26	275	7	56	7	49	37	201	6	171	172	329	64	181	210	225	311	344	318	288	277	316	299	41	[VA]
21	18	354	279	337	358	1	50	338	67	261	199	259	173	58	21	152	256	296	284	287	342	1	344	1	1
22	13	310	347	337	165	9	250	18	356	180	264	279	292	310	324	267	200	191	132	16	40	72	76	55	2
23	278	212	210	231	208	136	180	266	214	51	60	87	106	66	273	251	3	8	46	185	186	186	186	186	10
24	186	186	186	186	186	244	16	19	30	25	25	27	23	17	30	41	44	25	29	39	41	14	10	38	2
25	35	33	8	336	348	283	318	306	299	181	215	164	276	335	350	265	337	297	31	299	288	26	352	44	[VA]
26	15	11	36	14	39	39	49	46	26	106	61	145	168	187	329	317	270	288	318	329	269	358	351	47	3
27	32	27	53	46	72	41	70	64	36	113	59	296	188	310	212	320	224	8	31	294	353	271	275	291	3
28	21	30	280	347	346	21	350	335	23	101	154	131	103	41	257	291	346	357	22	330	308	31	320	10	[VA]
29	243	90	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[VA]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	2	2	1	16	2	3	3	3	2	[VA]	7	8	13	3	15	13	15	1	2	14	2	2	16	3	1

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [DC:02]

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

DEC, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	NW	N	NNE	NNE	NNE	NE	NNW	NE	NNE
11	NE	SSE	SE	ENE	NNE	E	ESE	ENE	N	NNE	SSW	SSE	W	WSW	NNW	NNW	WNW	W	WNW	W	SW	SW	SW	SW	[VA]
12	SW	SW	SW	SW	WSW	WSW	SW	WSW	WSW	S	SE	SW	E	ENE	N	SSW	WNW	NNW	N	NNW	ENE	SSE	NE	N	SW
13	NW	N	NNW	NNW	WNW	NW	WNW	W	NNW	NNW	NNW	N	WNW	W	NW	W	NW	NW	S	NNE	NNE	NNW	SSW	N	NNW
14	W	W	W	W	WSW	W	NNE	NW	NW	NW	SE	SSW	SE	NE	NW	N	WNW	WNW	N	N	N	WNW	[RF]	[RF]	W
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	WSW	W	NE	NW	W	W	NNW	N	NW	NW	NNW	N	WNW	NW
17	N	NNE	NW	N	NNE	NNE	NNW	NE	NNE	S	S	WSW	WNW	N	WSW	SW	NNW	N	W	WNW	WNW	W	W	W	N
18	NNW	NE	NNE	WNW	NNW	E	N	NE	ENE	ESE	SSE	SSW	WSW	W	WSW	S	E	NE	NNW	NNW	NNE	NNE	N	NNE	NNE
19	ENE	NNE	ENE	NNE	NNE	NE	NW	NNE	ENE	ESE	ESE	S	SSW	SSW	SW	WSW	NW	W	WSW	WNW	NNW	NNW	NNW	W	NNE
20	NNE	W	N	NE	N	NE	NE	SSW	N	S	S	NNW	ENE	S	SSW	SW	NW	NNW	NW	WNW	W	NW	WNW	NE	[VA]
21	NNE	N	W	NNW	N	N	NE	NNW	ENE	W	SSW	W	S	ENE	NNE	SSE	WSW	WNW	WNW	WNW	NNW	N	NNW	N	N
22	NNE	NW	NNW	NNW	SSE	N	WSW	NNE	N	S	W	W	WNW	NW	NW	W	SSW	S	SE	NNE	NE	ENE	ENE	NE	NNE
23	W	SSW	SSW	SW	SSW	SE	S	W	SW	NE	ENE	E	ESE	ENE	W	WSW	N	N	NE	S	S	S	S	S	SSW
24	S	S	S	S	S	WSW	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NNE	NNE	NE	NE	NNE	N	NE	NNE
25	NE	NNE	N	NNW	NNW	WNW	NW	NW	WNW	S	SW	SSE	W	NNW	N	W	NNW	WNW	NNE	WNW	WNW	NNE	N	NE	[VA]
26	NNE	N	NE	NNE	NE	NE	NE	NE	NNE	ESE	ENE	SE	SSE	S	NNW	NW	W	WNW	NW	NNW	W	N	N	NE	NE
27	NNE	NNE	NE	NE	ENE	NE	ENE	ENE	NE	ESE	ENE	WNW	S	NW	SSW	NW	SW	N	NNE	WNW	N	W	W	WNW	NE
28	NNE	NNE	W	NNW	NNW	NNE	N	NNW	NNE	E	SSE	SE	ESE	NE	WSW	WNW	NNW	N	NNE	NNW	NW	NNE	NW	N	[VA]
29	WSW	E	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[VA]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	NNE	NNE	N	NNW	NNE	NE	NE	NE	NNE	[VA]	SE	SSE	W	NE	NW	W	NW	N	NNE	WNW	NNE	NNE	NNW	NE	N

OHOUT -- 00004 <811027.1411>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

JUN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	19	21	20	21	21	20	20	20	19	17	15	13	12	10	10	17	21
9	9	8	7	6	6	8	10	11	13	15	18	19	20	20	21	21	21	21	19	17	14	13	11	9	14	21
10	8	7	6	5	6	9	13	16	21	24	24	26	27	28	27	26	25	24	24	23	21	19	17	15	18	28
11	13	13	11	9	10	13	17	21	24	26	27	27	27	28	27	27	27	26	24	22	21	18	16	16	20	28
12	15	13	13	12	14	15	18	21	24	24	28	28	31	30	29	29	28	28	27	25	23	20	19	18	22	31
13	18	17	15	13	12	14	18	23	26	27	28	27	28	29	28	27	25	25	24	23	21	18	17	14	22	29
14	12	11	11	10	10	12	17	18	21	23	24	24	20	21	21	20	19	17	15	14	13	12	12	12	16	24
15	11	10	10	9	9	10	12	15	16	17	18	21	21	21	22	22	22	22	21	19	17	16	15	12	16	22
16	12	10	9	8	9	13	18	20	23	27	27	27	29	29	29	27	27	26	24	22	20	19	18	16	20	29
17	16	15	14	12	13	13	17	19	22	25	26	27	27	27	26	25	25	25	24	23	20	19	18	17	21	27
18	15	15	14	14	13	13	13	13	15	17	18	21	22	22	23	22	23	22	20	20	18	15	14	13	17	23
19	12	11	9	7	9	11	16	19	21	23	23	25	27	27	27	27	26	21	18	17	16	15	13	13	18	27
20	12	11	11	9	10	13	18	22	24	26	27	30	30	30	31	30	29	27	25	24	23	[RF]	[RF]	[RF]	22	31
21	16	15	14	12	11	13	13	15	16	19	26	28	27	28	31	32	28	25	24	22	20	19	18	17	20	32
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24	15	13	12	12	12	13	15	18	23	24	26	28	29	30	32	31	28	27	27	25	24	22	21	19	22	32
25	18	16	16	14	13	14	15	18	24	27	27	30	26	24	24	23	17	18	17	16	14	13	12	11	19	30
26	10	7	8	7	6	7	8	13	18	21	23	25	27	27	29	29	28	27	27	25	22	20	20	18	19	29
27	17	15	14	12	11	13	15	21	24	28	30	32	33	33	34	34	34	34	33	31	28	26	24	22	25	34
28	22	18	18	16	16	17	18	23	28	31	33	33	33	35	35	35	35	34	33	31	28	25	24	21	27	35
29	20	17	18	17	17	19	23	26	28	29	30	31	32	32	33	34	32	32	31	29	26	24	23	21	26	34
30	18	19	18	23	23	24	23	22	25	26	28	30	31	28	22	21	22	23	21	[RF]	[RF]	[RF]	[RF]	[RF]	24	31
AV	15	13	13	11	12	13	16	19	22	24	26	27	27	27	27	27	26	25	24	22	20	18	17	16	20	35
SD	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	5	5	4	4	4	4	7	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

JUL, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	17	19	21	22	23	23	25	26	27	28	27	28	27	25	24	22	21	18	24	28
2	[RF]	[RF]	[RF]	[RF]	10	10	12	16	21	22	24	25	27	29	30	30	30	30	30	28	25	23	22	20	23	30
3	19	17	16	13	12	13	15	18	23	27	27	29	31	32	33	33	33	33	32	30	27	27	22	21	24	33
4	22	20	19	19	18	17	18	21	25	29	30	30	30	30	30	29	28	27	25	21	21	21	21	21	24	30
5	20	20	20	21	20	17	19	20	21	23	24	24	23	20	21	20	19	16	11	12	11	11	10	10	18	24
6	9	8	8	8	6	8	10	12	16	18	21	22	23	25	26	28	27	27	27	25	22	21	19	18	18	28
7	17	15	14	14	12	12	15	19	22	25	27	30	31	31	33	32	32	31	29	29	27	25	23	23	24	33
8	22	21	21	20	20	18	17	19	23	26	29	29	29	30	29	26	24	20	16	13	12	12	12	12	21	30
9	12	12	11	10	10	13	15	18	21	24	25	26	26	28	29	30	29	29	29	26	25	23	22	21	21	30
10	18	17	15	14	12	14	14	18	21	24	26	29	30	31	32	32	32	31	30	29	29	27	26	22	24	32
11	22	20	19	17	16	15	16	20	24	29	30	31	32	35	34	33	31	26	28	26	25	22	22	19	25	35
12	18	17	16	15	15	15	18	22	26	29	31	34	36	37	36	37	35	33	34	33	30	28	26	24	27	37
13	22	22	21	22	22	22	23	25	30	32	32	35	35	33	33	34	34	34	33	31	29	29	27	26	29	35
14	23	21	19	19	16	17	20	23	28	31	34	35	36	37	37	36	37	35	36	34	33	29	25	23	29	37
15	[RF]	[RF]	[RF]	[RF]	18	18	19	23	27	32	35	35	35	36	36	[RF]	[RF]	15	22	36	34	31	[RF]	[RF]	28	36
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	28	27	21	18	17	22	28
27	18	18	18	18	19	19	19	21	22	23	25	26	27	27	28	28	30	28	28	26	25	24	22	21	23	30
28	21	20	21	19	20	18	20	19	21	22	24	27	28	27	25	19	19	22	21	21	20	20	20	19	21	28
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AV	19	18	17	17	16	16	17	20	23	26	28	29	30	30	31	30	30	28	27	26	25	23	21	20	24	37
SD	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	5	5	6	6	6	6	5	4	4	7	[ ]

GHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	18	19	20	20	20	19	19	19	19	20
12	20	19	20	20	19	19	18	19	23	26	27	28	29	30	31	31	30	29	28	26	25	24	23	22	24	31
13	23	23	21	22	21	21	22	21	19	19	19	19	18	18	18	18	19	20	20	20	19	18	17	17	20	23
14	16	15	15	15	15	15	15	15	16	18	21	24	24	26	29	29	28	28	28	26	23	22	20	20	21	29
15	19	18	17	16	16	16	16	19	22	25	26	26	26	25	26	28	28	29	26	25	25	25	24	23	23	29
16	24	23	22	21	20	19	20	23	26	28	29	32	32	30	31	26	27	27	26	25	25	22	21	20	25	32
17	20	19	18	18	17	17	17	19	21	25	30	31	33	30	28	30	30	32	31	29	27	24	23	22	25	33
18	22	22	21	21	20	19	20	20	25	26	28	30	32	33	34	35	33	35	32	27	26	24	23	23	26	35
19	22	20	20	19	18	17	19	21	24	28	29	31	34	34	37	36	36	35	34	31	27	26	24	24	27	37
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22	23	23	22	22	22	21	20	21	25	28	29	31	33	35	34	30	27	25	25	23	22	21	21	20	25	35
23	21	20	19	18	17	17	18	19	24	27	30	31	33	34	34	33	33	32	31	28	28	26	25	25	26	34
24	25	24	24	23	22	21	20	22	22	24	27	30	30	32	33	33	34	31	30	29	27	26	25	24	27	34
25	23	22	21	21	21	21	21	23	25	27	27	26	25	27	27	28	26	26	23	22	21	20	20	20	23	28
26	20	19	18	19	16	17	16	20	23	25	29	30	31	32	30	29	23	25	25	24	23	22	22	21	23	32
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28	21	20	20	18	17	17	17	21	25	28	29	30	22	20	25	28	28	29	26	20	20	19	17	18	22	30
29	17	17	16	16	16	15	16	18	20	21	23	25	26	29	30	31	30	28	27	25	24	23	22	22	22	31
30	22	20	20	17	17	16	16	20	23	26	29	30	31	31	31	30	29	29	28	25	22	21	21	19	24	31
31	18	16	15	15	14	13	12	15	18	22	27	29	30	31	31	30	30	29	28	25	23	21	19	16	22	31
AV	21	20	20	19	18	18	18	20	23	25	27	29	29	30	31	30	29	29	28	25	24	23	22	21	24	38
SD	3	3	3	3	2	2	3	2	3	3	3	3	5	5	5	4	5	4	4	3	3	3	3	3	5	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

SEP, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	18	16	17	15	14	14	14	17	21	24	27	28	32	33	33	33	33	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	23	33
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	23	22	22	21	22	23
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6	13	11	12	12	11	10	10	13	17	21	24	26	29	30	30	29	26	23	20	20	20	18	18	18	19	30
7	16	16	15	15	15	15	14	14	14	15	16	18	20	22	23	25	25	24	22	21	20	19	17	16	18	25
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16	11	11	10	8	8	8	8	9	11	14	19	19	19	20	22	23	24	23	21	19	18	15	15	13	15	24
17	13	13	13	13	12	13	12	12	14	17	20	22	24	25	25	25	26	26	23	20	19	18	16	14	18	26
18	12	11	10	9	9	8	8	9	14	18	21	23	24	25	26	28	28	26	24	22	21	20	19	19	18	28
19	18	16	15	14	14	12	12	13	16	19	18	18	20	22	21	18	21	20	18	17	17	14	14	13	17	22
20	13	11	11	10	10	10	10	11	14	15	18	19	20	20	21	21	21	21	19	18	15	14	14	13	15	21
21	12	12	11	11	10	10	10	11	15	19	23	23	24	25	26	27	26	25	23	22	20	18	17	16	18	27
22	15	14	14	14	13	12	11	14	17	21	24	27	28	29	29	30	29	28	27	24	23	22	21	19	21	30
23	18	16	15	14	13	12	12	14	18	23	26	27	28	30	31	31	31	29	27	23	22	19	18	16	21	31
24	15	13	12	11	11	10	9	11	15	19	23	25	25	26	27	29	28	25	24	22	21	19	19	18	19	29
25	17	16	16	16	16	15	16	14	15	17	18	21	22	21	21	20	20	18	17	16	16	16	16	15	17	22
26	15	15	15	15	15	15	15	15	16	17	19	22	23	25	26	25	25	24	24	23	22	19	14	12	19	26
27	11	10	9	9	9	10	9	9	9	9	10	10	9	11	8	10	7	5	5	7	6	6	5	6	8	11
28	5	6	6	6	5	6	6	6	7	8	9	10	11	12	10	9	6	5	6	4	3	3	3	2	6	12
29	3	3	3	3	3	3	3	3	1	1	2	5	4	5	6	6	4	4	3	3	2	3	2	3	3	6
30	4	4	3	2	2	2	1	1	2	4	7	11	14	14	16	16	17	17	15	13	11	9	8	6	8	17
AV	13	12	12	11	11	10	10	11	13	15	17	19	20	21	21	21	21	19	18	17	16	15	14	13	15	33
SD	5	4	4	4	4	4	4	5	5	6	6	6	7	8	8	8	8	8	7	6	6	6	6	5	7	[ ]

UNOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	4	3	2	2	1	0	2	5	8	8	10	10	10	11	11	10	8	9	7	6	6	5	3	6	11
2	2	2	2	1	1	0	-1	-1	4	7	9	10	9	11	13	13	13	12	10	8	5	5	3	3	6	13
3	2	2	1	0	0	-1	-1	-1	2	5	9	14	12	15	15	16	14	13	12	10	9	7	5	5	7	16
4	4	2	2	2	1	0	-1	1	3	7	11	13	15	16	18	18	18	17	15	13	12	11	9	8	9	18
5	7	5	6	8	6	5	5	5	5	2	2	2	2	3	5	3	3	4	3	3	2	1	0	-1	4	8
6	0	-1	-1	-1	-2	-3	-3	-3	0	3	5	8	10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1	10
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	8	10	11	13	13	14	13	12	11	9	9	7	7	6	6	10	14
20	5	3	3	2	2	0	0	1	5	9	11	13	15	17	17	17	16	15	12	11	8	7	5	4	8	17
21	5	3	2	2	2	1	1	2	6	10	13	17	20	21	22	21	20	17	14	12	10	9	9	7	10	22
22	7	6	6	4	4	4	3	3	6	10	11	13	16	18	18	16	15	14	13	12	11	9	9	7	10	18
23	6	6	5	4	4	3	2	3	7	10	15	17	19	19	20	22	20	19	16	15	13	11	9	10	11	22
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26	12	11	10	10	10	9	8	9	11	12	14	19	19	18	17	18	17	16	17	16	10	9	9	8	13	19
27	10	9	8	8	8	6	5	3	3	3	3	6	7	9	11	11	9	9	7	6	6	5	4	3	7	11
28	4	4	3	3	1	1	2	1	3	6	8	9	11	11	12	12	12	10	8	6	6	6	6	6	6	12
29	5	4	4	3	2	2	3	4	5	8	10	12	15	15	15	13	12	12	12	11	11	10	10	10	9	15
30	10	10	9	9	8	8	7	7	8	10	12	13	12	13	12	12	11	12	12	11	11	10	9	8	10	13
31	9	8	9	8	8	8	8	8	8	9	9	10	10	10	12	13	12	11	12	11	10	9	9	8	10	13
AV	7	6	5	5	4	4	3	4	6	8	10	12	14	15	15	15	14	13	12	11	9	9	8	7	9	23
SD	4	4	4	4	4	4	4	4	3	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	6	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [DC;03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

NOV, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	4	4	3	3	2	2	4	8	11	12	13	13	15	13	13	11	8	7	7	7	6	6	8	15
2	7	7	7	6	6	4	3	2	4	6	7	9	8	9	10	10	9	8	6	5	4	3	2	2	6	10
3	1	0	-1	-1	-3	-3	-2	-3	1	4	7	9	9	11	12	13	11	9	7	6	4	3	1	1	4	13
4	1	0	0	-1	-1	-1	-2	-1	2	5	7	11	12	12	15	14	12	10	8	6	5	2	2	1	5	15
5	0	0	0	-1	-1	-2	-2	-1	1	4	6	8	10	14	15	14	13	11	9	8	5	4	3	1	5	15
6	0	1	1	-1	-1	-1	-2	-2	2	5	8	13	14	15	17	18	17	13	12	13	11	11	9	5	7	18
7	4	4	2	2	1	0	-1	0	2	5	9	12	12	15	15	15	15	12	9	8	7	6	6	6	7	15
8	6	6	9	11	11	12	13	12	13	12	12	13	11	11	11	11	11	11	9	10	10	9	9	9	11	13
9	9	9	9	11	11	11	10	10	6	8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	9	11
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
AV	4	4	3	3	3	3	2	2	4	6	8	11	11	13	14	14	13	11	9	8	7	6	5	4	7	18
SD	3	3	4	5	5	6	6	5	4	3	2	2	2	2	2	2	3	2	2	3	3	3	3	3	5	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 10

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3	4	3	2	0	-2	-2	-2	1	4
11	-3	-3	-2	-2	-2	-2	-1	-1	-1	3	5	9	11	12	8	7	6	3	1	0	-1	-2	-2	-2	2	12
12	-1	-1	0	-1	1	0	0	1	1	3	5	8	8	6	7	6	5	3	3	3	4	4	3	4	3	8
13	1	1	1	1	1	1	0	0	0	2	2	2	4	3	2	1	1	1	0	1	1	1	0	2	1	4
14	3	1	2	1	1	0	-2	-4	-4	-1	3	7	8	10	9	5	3	2	2	0	-2	-2	[RF]	[RF]	2	10
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	4	4	5	5	5	3	2	0	-1	-2	-3	-3	-4	1	5
17	-3	-5	-4	-6	-6	-7	-7	-7	-6	-4	0	2	4	4	7	7	4	2	1	-1	-2	-3	-4	-4	-2	7
18	-4	-5	-5	-5	-6	-6	-6	-6	-6	-3	2	6	9	9	9	9	8	4	1	-1	-2	-2	-3	-3	0	9
19	-4	-4	-6	-6	-6	-7	-6	-9	-7	-3	0	5	8	10	8	7	4	2	0	-2	-4	-5	-4	-6	-1	10
20	-5	-6	-6	-7	-7	-8	-8	-9	-8	-4	-2	2	6	7	7	6	4	1	0	-1	-2	-3	-4	-3	-2	7
21	-2	-3	-3	-4	-4	-4	-5	-5	-4	0	2	4	6	7	7	6	4	3	2	2	1	1	1	0	1	7
22	-1	-2	-3	-3	-3	-2	-2	-2	-1	3	5	7	8	9	10	11	12	10	8	7	8	6	6	6	4	12
23	6	7	9	8	9	10	9	6	4	5	5	7	8	8	5	5	4	4	4	3	3	3	3	3	6	10
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0	2	2
25	-2	-3	-5	-4	-5	-6	-8	-10	-8	-5	0	4	5	0	1	3	1	-3	-5	-7	-8	-9	-9	-11	-4	5
26	-11	-12	-12	-14	-14	-14	-14	-15	-14	-11	-8	-3	0	1	-3	-4	-4	-6	-7	-8	-8	-9	-9	-10	-9	1
27	-10	-11	-12	-12	-14	-14	-14	-15	-14	-9	-6	-5	-4	-2	-1	-3	-4	-5	-4	-5	-5	-6	-6	-7	-8	-1
28	-8	-8	-8	-8	-8	-9	-8	-9	-11	-10	-8	-3	0	4	4	0	-3	-4	-6	-8	-10	-11	-11	-13	-7	4
29	-14	-15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-15	-14
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
MV	-3	-4	-3	-4	-4	-4	-4	-5	-5	-2	0	3	5	6	5	4	3	1	0	-1	-2	-2	-3	-3	-1	12
SD	5	5	5	5	6	6	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	[ ]

WHOUT -- 00000 <811111.1607>

SITE 11

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JAN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	4.8	2.5	3.6	4.6	3.3	3.7	3.9	3.7	4.0	4.4	2.3	5.6	3.9	5.6
12	3.9	7.7	6.3	6.2	7.1	5.7	2.8	2.0	3.3	3.8	2.5	3.6	6.2	4.4	6.3	2.5	1.9	1.8	3.8	3.0	2.6	5.4	4.3	2.9	4.2	7.7
13	3.9	3.3	3.6	3.8	4.1	4.5	4.0	6.0	7.7	7.9	5.7	2.7	5.1	4.7	2.2	3.3	2.6	3.3	3.2	7.2	8.2	5.9	2.6	3.4	4.5	8.2
14	8.1	7.7	7.6	5.2	6.2	4.8	6.0	4.7	2.4	3.0	2.4	3.1	3.2	4.3	5.9	7.2	6.0	3.4	2.9	4.1	6.3	3.9	3.3	4.7	4.9	8.1
15	3.0	2.4	4.7	4.6	2.3	5.9	5.9	10.0	9.3	7.0	5.1	6.1	5.0	6.9	5.0	4.3	2.8	1.5	3.2	3.3	4.6	4.3	7.6	5.9	5.0	10.0
16	5.8	2.9	3.5	3.7	7.5	6.1	5.2	6.6	7.0	3.9	3.2	4.8	6.4	6.9	6.2	6.3	7.2	6.9	8.6	10.5	8.6	6.7	6.1	5.0	6.1	10.5
17	10.4	11.0	12.0	12.5	9.0	11.2	5.4	5.2	4.8	3.3	5.8	7.4	6.9	5.3	3.8	5.1	6.2	8.4	7.5	10.8	9.4	6.1	4.5	3.7	7.3	12.5
18	4.4	10.2	12.1	4.7	3.8	3.4	4.6	2.9	1.8	6.7	4.1	5.9	9.4	6.7	3.1	8.4	9.2	7.5	6.6	2.8	1.5	3.3	3.3	4.7	5.5	12.1
19	3.6	8.0	7.9	3.1	3.0	3.5	7.2	2.5	2.4	4.0	4.0	6.3	9.2	8.5	12.4	13.3	10.7	7.6	4.8	6.8	9.4	7.0	6.0	4.4	6.5	13.3
20	3.5	2.9	3.1	4.4	3.2	3.3	6.9	4.1	6.3	3.1	6.7	6.6	10.2	14.1	13.3	11.2	10.2	9.0	6.0	4.0	2.4	2.6	2.0	3.4	5.9	14.1
21	9.0	15.9	19.5	23.5	23.8	25.1	26.0	29.4	26.0	29.6	11.3	11.7	7.8	13.1	7.8	5.7	9.0	10.0	9.8	3.2	2.4	2.6	2.4	6.9	13.8	29.6
22	11.0	4.3	2.5	4.6	8.5	5.8	3.9	5.6	8.7	5.9	6.2	7.2	13.7	17.1	18.4	23.0	17.7	16.8	12.5	7.7	5.8	5.8	6.6	8.8	9.5	23.0
23	7.1	7.0	5.9	5.8	3.5	6.7	6.9	2.6	2.5	2.1	3.8	7.8	7.4	5.7	4.4	3.7	3.2	4.0	6.0	5.0	7.4	9.4	6.8	5.0	5.4	9.4
24	5.0	4.1	3.7	3.0	3.2	4.0	2.9	2.8	3.4	5.0	6.1	8.6	6.3	3.0	2.9	3.6	3.1	4.9	3.7	4.4	3.7	3.2	3.4	3.6	4.1	8.6
25	4.5	6.7	4.0	2.6	1.6	4.0	5.9	5.7	4.9	3.5	1.4	5.2	3.9	4.4	4.3	4.0	1.5	1.5	1.7	1.1	5.0	4.9	2.0	2.1	3.6	6.7
26	2.9	2.5	2.0	2.5	1.9	1.4	1.4	1.0	2.3	2.4	4.5	5.9	6.6	5.7	5.0	4.7	10.2	2.4	4.7	5.6	4.2	3.1	4.5	7.1	3.9	10.2
27	12.5	11.1	17.5	17.2	25.4	23.4	23.1	20.7	15.0	9.6	3.4	5.6	3.6	5.8	4.0	3.5	4.2	4.3	2.4	1.8	2.6	3.4	3.0	3.5	9.4	25.4
28	2.6	2.2	1.5	2.2	3.2	3.1	4.0	1.5	2.6	10.0	3.6	4.6	3.0	3.7	6.7	7.0	3.7	4.7	2.2	3.4	4.7	5.1	1.9	2.8	3.8	10.0
29	2.3	1.6	3.0	3.9	2.1	3.1	3.7	4.4	4.9	4.2	5.9	5.9	8.5	6.8	4.1	3.9	4.9	4.2	4.5	6.5	3.8	3.6	4.7	3.7	4.3	8.5
30	6.4	8.2	7.0	7.8	6.5	8.1	5.3	8.3	4.5	3.7	4.9	5.3	4.4	4.7	2.5	4.2	2.3	1.5	3.9	2.5	2.6	2.4	6.7	3.4	4.9	8.3
31	3.4	3.2	2.2	2.5	3.3	4.6	2.4	5.4	5.2	5.7	7.6	4.5	4.7	4.6	4.8	6.7	9.5	11.7	10.4	6.3	5.2	6.2	3.5	3.2	5.3	11.7
AV	5.7	6.1	6.5	6.2	6.5	6.9	6.7	6.6	6.3	6.2	4.9	5.9	6.5	6.6	6.0	6.5	6.2	5.7	5.3	4.9	5.0	4.7	4.2	4.5	5.8	29.6
SD	3.0	3.9	5.1	5.5	6.6	6.3	6.3	6.9	5.6	5.9	2.2	2.0	2.7	3.7	4.0	4.6	4.1	3.9	2.9	2.6	2.4	1.8	1.8	1.6	4.3	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.6	1.9	5.4	2.8	1.6	1.9	2.3	2.5	1.1	2.9	2.4	3.3	4.2	4.1	3.5	5.7	3.1	2.5	3.4	3.2	4.7	6.7	4.5	1.4	3.2	6.7
2	2.5	5.3	6.0	4.0	3.5	2.1	1.6	2.1	3.2	6.4	4.1	3.2	5.2	4.1	3.3	2.9	4.6	7.2	7.2	7.4	7.4	7.7	8.9	7.5	4.9	8.9
3	6.5	6.0	5.0	5.1	3.3	2.9	6.1	7.1	6.1	4.8	5.6	3.3	2.5	5.0	5.6	5.2	4.9	11.3	12.1	12.5	9.3	11.7	[RF]	[RF]	6.5	12.5
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5.1	3.4	4.5	3.7	4.8	1.5	2.5	1.8	3.4	8.3	7.7	3.7	5.6	4.3	8.3
12	9.2	6.7	3.7	4.9	2.8	3.3	4.4	3.7	4.6	3.1	5.7	6.6	5.4	7.4	7.1	6.7	6.7	4.9	3.1	2.8	2.5	1.8	3.9	3.1	4.8	9.2
13	3.7	3.1	3.7	3.3	2.5	2.0	2.4	3.7	2.5	2.8	3.6	5.1	7.6	7.5	8.0	3.1	3.3	1.7	4.5	3.7	4.9	3.9	2.4	2.5	3.8	8.0
14	2.2	3.2	1.8	1.5	1.8	2.9	2.0	2.8	3.8	6.3	4.1	6.5	4.3	5.9	5.8	6.8	7.9	3.3	1.2	4.0	5.0	6.4	5.1	4.4	4.1	7.9
15	4.9	4.6	3.2	4.5	6.0	6.5	4.0	6.2	2.5	3.5	3.5	3.7	4.3	6.1	8.4	5.2	3.5	6.2	5.2	3.4	3.4	5.3	8.2	5.4	4.9	8.4
16	2.1	7.5	6.6	4.0	2.6	5.2	3.0	4.2	7.2	5.2	2.9	4.7	6.0	9.9	6.1	4.0	2.9	9.4	8.4	4.3	4.5	3.2	2.2	2.5	4.9	9.9
17	5.4	3.6	3.3	3.8	3.8	5.6	4.8	3.1	4.3	4.4	7.2	8.3	9.0	8.2	3.9	3.5	2.5	3.3	2.8	1.5	2.9	3.3	.8	1.7	4.2	9.0
18	2.4	3.1	2.3	3.1	1.7	2.0	2.9	1.5	3.9	4.2	5.0	5.9	11.8	7.9	5.8	6.0	8.1	3.9	2.6	3.4	4.1	7.0	8.7	13.1	5.0	13.1
19	9.6	5.9	5.4	10.6	7.2	4.1	5.0	4.5	5.8	4.4	3.9	5.0	5.7	5.8	3.9	3.7	3.7	4.3	3.7	6.0	3.5	6.6	4.5	6.6	5.4	10.6
20	6.2	4.5	4.1	8.0	3.6	2.7	3.6	5.3	5.6	4.6	5.5	5.6	7.2	7.1	5.1	3.4	4.1	5.0	5.5	4.3	2.4	2.6	5.3	4.9	4.8	8.0
21	5.8	3.9	4.1	4.4	4.3	4.4	4.5	1.5	1.5	3.0	5.6	6.3	6.0	5.6	6.3	5.9	4.5	4.1	4.4	1.5	3.1	4.8	7.0	6.4	4.5	7.0
22	5.8	5.5	3.9	6.0	3.4	4.5	4.9	2.5	2.0	2.6	3.4	4.1	5.8	6.5	4.4	4.0	5.2	2.7	4.9	4.9	4.5	4.9	5.8	5.9	4.5	6.5
23	11.5	12.0	10.1	10.1	10.6	11.4	13.8	8.5	6.7	7.9	5.2	8.6	12.6	13.4	18.0	17.1	14.3	10.0	7.6	8.4	4.3	3.1	2.8	5.4	9.7	18.0
24	5.3	6.7	3.8	4.5	4.0	2.2	2.6	5.3	4.0	4.1	6.3	4.9	5.7	5.2	4.3	4.6	4.2	2.4	3.1	3.0	2.1	2.5	3.1	3.1	4.0	6.7
25	4.7	2.2	2.2	3.6	2.2	2.1	3.0	4.4	3.0	3.4	5.2	4.2	6.3	5.6	4.9	5.3	5.8	5.0	3.4	2.6	5.3	6.3	4.2	3.7	4.1	6.3
26	6.8	7.0	3.3	3.4	4.8	5.0	5.4	6.3	2.9	3.1	4.0	6.6	7.6	3.9	3.2	6.8	12.2	8.0	6.7	4.2	6.1	8.9	6.6	2.9	5.7	12.2
27	3.5	1.7	2.3	2.1	4.4	7.8	6.4	4.6	4.5	4.3	5.2	6.7	8.0	8.3	6.1	8.7	8.3	9.1	10.4	9.9	11.4	9.7	3.6	5.0	6.3	11.4
28	5.9	6.0	5.8	5.9	4.2	7.2	6.7	7.6	4.1	6.2	7.4	6.6	5.4	7.4	9.0	3.9	2.8	2.3	3.4	7.1	9.4	9.5	7.2	2.6	6.0	9.5
AV	5.3	5.0	4.3	4.8	3.9	4.3	4.5	4.4	4.0	4.4	4.8	5.4	6.4	6.6	6.0	5.6	5.4	5.2	5.0	4.8	5.2	5.9	4.9	4.7	5.0	18.0
SD	2.6	2.4	1.9	2.4	2.1	2.5	2.7	2.0	1.7	1.4	1.4	1.5	2.5	2.2	3.2	3.0	3.2	2.9	2.8	2.8	2.6	2.7	2.3	2.6	2.5	[ ]

QHOUT -- QU000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

MAR, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	3.1	5.4	5.3	8.9	4.7	4.6	6.3	3.7	3.9	8.3	7.9	8.0	13.2	10.3	5.9	13.8	14.9	12.7	11.0	9.2	9.2	6.1	6.1	7.8	14.9
2	3.6	2.6	3.7	1.8	2.0	1.8	1.4	2.9	2.9	7.4	9.6	10.1	11.2	10.6	6.9	7.9	9.9	7.2	8.8	3.0	8.8	5.1	6.0	2.8	5.7	11.2
3	4.6	3.1	8.1	8.7	1.4	5.4	3.2	1.9	1.7	2.1	1.7	1.7	1.3	4.1	3.4	3.0	3.9	7.5	6.6	9.3	4.4	2.4	2.4	2.2	3.9	9.3
4	3.5	1.8	1.7	1.9	3.5	3.5	6.1	8.4	9.2	5.8	4.0	2.4	5.4	5.3	8.9	8.0	5.8	7.6	5.0	2.2	1.5	1.9	2.0	1.7	4.5	9.2
5	1.9	2.0	1.4	2.3	2.1	2.5	2.1	1.9	3.0	2.9	4.2	3.9	6.4	6.8	7.2	9.0	3.0	2.3	3.8	6.1	6.2	4.2	5.4	5.3	4.0	9.0
6	2.9	5.6	5.5	10.4	8.9	7.4	9.0	7.0	5.5	3.9	3.9	7.9	6.8	5.4	5.0	4.3	5.4	4.2	2.5	3.8	4.6	3.2	3.2	7.6	5.6	10.4
7	5.4	7.1	9.7	5.0	5.3	5.1	4.4	2.5	2.0	2.8	1.4	2.5	4.5	6.3	5.8	6.5	6.0	2.2	3.3	4.7	4.9	7.4	7.2	7.6	5.0	9.7
8	4.7	3.7	3.6	4.5	4.2	3.9	4.3	3.5	2.5	6.0	5.8	5.9	3.9	4.2	6.6	6.4	1.7	1.5	4.2	4.8	5.5	6.8	6.7	6.9	4.7	6.9
9	6.8	5.9	4.1	5.3	8.7	5.0	7.6	5.6	3.4	4.3	5.7	7.5	10.2	8.9	10.1	10.1	8.6	5.7	6.7	7.2	12.5	13.9	12.1	13.5	7.9	13.9
10	8.4	5.6	4.2	2.3	3.7	2.6	2.1	1.8	1.6	3.5	3.2	5.0	10.8	7.1	7.8	7.1	6.9	7.0	4.5	8.0	3.7	2.0	3.3	3.2	4.8	10.8
11	3.5	6.5	6.2	3.4	2.4	2.3	1.8	2.1	2.6	4.8	14.8	18.8	17.6	17.1	17.8	13.6	13.5	12.5	12.5	11.5	15.3	11.4	13.6	14.7	10.0	18.8
12	12.5	10.4	12.5	19.4	16.7	14.4	11.0	12.9	10.4	11.7	14.4	20.3	20.3	18.0	17.8	17.8	14.0	10.3	6.8	4.0	3.4	3.6	5.0	3.8	12.1	20.3
13	3.8	3.5	4.9	5.7	6.1	5.6	2.4	2.3	2.5	3.8	5.1	6.0	7.0	8.3	7.4	7.2	5.0	4.8	4.4	3.4	5.3	6.8	6.3	6.6	5.2	8.3
14	7.4	4.5	6.7	6.5	2.8	6.7	4.9	4.8	3.2	4.3	4.4	4.8	6.5	15.2	16.3	15.9	12.5	10.1	11.0	11.3	10.2	9.5	9.9	6.3	8.2	16.3
15	7.2	8.9	11.9	6.2	5.3	7.1	6.7	8.2	9.7	6.3	8.6	10.5	14.1	10.0	12.1	8.1	8.0	7.5	8.1	8.7	9.4	9.2	7.8	5.1	8.5	14.1
16	2.1	2.1	2.3	1.6	7.7	10.3	7.6	12.6	19.8	20.1	20.6	18.9	16.6	19.0	19.9	16.8	18.9	11.4	15.1	5.5	8.2	2.0	3.8	3.6	11.1	20.6
17	4.6	8.5	11.0	8.9	6.1	4.7	3.5	3.4	4.1	4.2	8.0	6.1	8.5	9.2	7.2	8.6	8.6	6.8	6.1	5.0	6.9	7.2	6.1	5.9	6.6	11.0
18	4.7	6.9	8.5	6.3	4.1	6.2	4.7	4.0	4.3	18.8	23.2	26.5	25.4	24.4	28.5	21.4	18.4	13.9	25.9	13.8	3.0	2.4	5.0	13.6	13.1	28.5
19	6.5	7.9	8.5	10.2	9.0	5.6	7.8	7.4	5.5	7.0	12.2	13.0	12.6	12.9	16.1	13.3	20.2	23.7	19.7	15.7	13.5	12.2	7.1	4.1	11.3	23.7
20	4.1	2.9	4.3	4.3	5.2	4.4	4.4	5.0	8.0	13.5	15.3	10.6	11.4	12.4	13.0	11.1	10.3	12.4	10.5	7.2	6.0	5.2	4.3	4.1	7.9	15.3
21	4.3	2.2	2.6	3.1	2.5	3.0	3.8	1.3	4.5	6.7	5.3	5.4	7.1	7.5	9.7	9.2	9.0	9.8	8.9	11.0	11.0	5.7	3.7	5.6	6.0	11.0
22	5.1	5.2	5.9	5.1	5.3	6.4	6.0	6.6	3.5	4.3	7.4	8.5	7.3	8.8	9.0	10.0	8.4	7.9	3.1	3.8	10.7	11.2	3.2	2.1	6.5	11.2
23	4.9	10.2	8.3	4.2	3.7	4.4	4.0	5.2	6.8	10.3	8.4	11.0	9.6	10.5	10.0	6.0	7.5	5.3	3.1	2.0	3.5	4.3	4.0	6.0	6.4	11.0
24	4.4	7.1	6.2	6.6	6.7	3.5	4.7	3.4	3.9	6.0	8.8	7.7	7.1	11.0	10.7	8.7	9.2	9.7	12.2	10.3	11.2	7.8	8.2	11.1	7.8	12.2
25	14.6	8.9	5.0	3.4	2.2	.3	2.0	3.9	3.4	4.9	6.1	4.5	5.2	7.1	7.0	6.2	4.3	4.3	2.0	1.3	3.4	5.7	5.4	7.7	5.0	14.6
26	9.4	4.2	3.7	4.0	2.0	2.5	4.7	2.3	5.2	8.3	6.2	5.9	8.6	10.0	3.3	5.2	3.2	4.3	4.9	1.7	2.0	4.5	2.9	5.0	4.7	10.0
27	4.0	2.8	1.2	2.9	3.2	2.3	3.2	3.8	3.4	2.2	5.0	3.9	4.3	5.4	5.3	4.5	5.4	6.0	8.7	8.0	7.8	10.8	11.9	10.4	5.3	11.9
28	10.8	8.7	7.6	8.7	12.6	12.6	10.1	13.4	10.2	13.3	17.0	18.0	16.9	17.8	18.9	17.1	19.3	16.2	17.8	9.8	9.6	6.8	12.1	14.6	13.3	19.3
29	13.1	14.1	12.4	10.4	7.6	8.0	10.2	13.5	5.2	4.2	9.8	9.9	13.7	17.6	12.1	6.1	6.5	8.8	10.2	9.0	6.9	4.9	4.5	2.5	9.2	17.6
30	1.8	3.0	5.3	4.2	5.1	3.9	7.2	14.0	14.9	17.5	19.5	19.1	21.9	17.2	16.1	15.9	12.9	15.4	8.1	4.1	5.0	7.5	9.8	5.7	10.6	21.9
31	4.9	3.0	2.4	2.7	3.0	4.4	1.7	1.8	2.8	8.5	12.0	11.5	11.8	11.2	11.6	11.3	12.2	12.3	11.0	15.4	14.8	14.3	16.6	17.3	9.1	17.3
AV	5.8	5.5	6.0	5.7	5.4	5.2	5.1	5.6	5.5	7.2	9.0	9.5	10.4	11.0	11.0	9.7	9.4	8.8	8.7	7.2	7.4	6.7	6.6	6.9	7.5	28.5
SD	3.3	3.1	3.2	3.6	3.4	3.0	2.7	3.9	4.1	4.9	5.7	6.2	5.7	5.1	5.6	4.6	5.1	4.8	5.5	4.0	3.8	3.5	3.6	4.2	4.7	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

APR, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	15.0	14.7	12.2	15.1	12.2	9.7	7.1	10.7	18.7	19.3	20.1	19.8	19.3	18.9	20.0	17.5	20.1	13.9	17.7	9.4	9.7	11.5	8.9	7.2	14.5	20.1
2	16.2	17.6	14.3	10.7	12.9	19.0	18.5	20.0	15.5	16.8	16.4	20.2	19.7	16.3	14.8	13.7	14.7	12.9	9.5	9.8	4.9	7.9	6.4	5.6	13.9	20.2
3	6.9	8.1	6.2	7.8	7.4	7.7	7.6	5.7	4.1	8.9	8.9	7.4	7.6	9.0	9.9	14.1	13.1	7.4	5.7	8.5	11.1	12.2	11.2	10.2	8.6	14.1
4	10.0	11.2	10.2	4.5	6.7	5.3	4.0	6.1	8.1	13.9	16.0	19.9	18.1	22.7	32.0	34.2	30.5	25.3	25.6	24.7	20.3	15.4	13.5	9.8	16.2	34.2
5	4.5	4.0	3.5	5.0	4.8	8.7	9.4	6.0	4.9	3.8	6.7	7.1	7.8	5.1	8.1	6.8	5.0	3.7	3.8	2.6	2.5	2.2	3.5	4.9	5.2	9.4
6	4.0	3.7	3.5	5.7	4.1	1.8	1.7	3.0	3.0	8.4	11.5	12.0	11.6	14.3	13.8	14.1	16.5	14.5	8.2	2.9	6.7	5.7	3.1	2.3	7.3	16.5
7	3.7	3.4	5.9	11.3	13.0	14.0	11.0	3.7	2.8	3.8	8.7	17.6	13.5	6.3	5.6	8.5	6.8	7.1	6.2	5.0	3.2	6.9	2.8	4.0	7.3	17.6
8	4.5	4.3	3.1	4.4	5.1	6.1	6.8	4.4	7.2	7.7	5.8	12.9	12.1	16.3	16.5	11.0	12.6	16.7	18.8	15.2	10.8	7.4	11.5	10.7	9.7	18.8
9	8.1	5.9	1.7	4.4	5.5	9.5	11.2	9.9	4.7	7.9	9.0	10.4	10.4	14.4	16.9	13.2	18.4	12.4	5.8	2.1	2.9	3.2	4.1	3.7	8.2	18.4
10	6.2	7.2	9.9	11.2	12.0	8.5	5.4	3.0	8.0	8.6	8.2	7.2	5.7	6.5	5.9	6.9	4.0	5.5	6.7	6.3	9.2	9.7	10.6	7.4	7.5	12.0
11	1.6	3.3	5.9	4.5	5.1	5.7	4.9	5.8	6.6	8.7	12.0	11.5	7.3	11.4	12.1	12.2	9.5	10.3	7.9	5.3	10.6	14.5	13.6	12.6	8.5	14.5
12	9.6	9.4	13.2	21.2	3.8	5.4	3.7	2.5	4.7	6.1	8.3	11.1	18.3	17.9	18.6	15.7	15.9	16.6	11.9	5.8	3.2	2.8	7.4	7.3	10.0	21.2
13	4.9	5.9	4.2	4.7	5.9	6.8	6.1	3.3	5.2	5.8	8.5	8.7	5.9	9.9	7.8	10.6	12.1	7.2	6.5	8.7	9.6	10.1	9.7	8.4	7.4	12.1
14	7.7	5.4	4.2	5.2	6.2	4.4	4.4	2.3	3.7	10.1	12.4	12.1	15.3	16.5	13.1	14.5	9.4	11.4	12.5	4.7	4.2	6.0	10.2	9.2	8.5	16.5
15	10.6	10.0	4.9	5.8	3.3	2.5	2.2	5.8	6.4	11.6	10.4	13.2	19.4	20.6	21.5	27.0	22.6	19.8	15.9	11.4	8.1	11.1	5.4	6.0	11.5	27.0
16	8.3	10.6	11.3	6.9	6.2	5.4	7.6	10.2	8.5	6.3	5.6	6.5	7.7	8.0	6.2	6.2	5.4	5.0	4.7	3.0	3.3	4.9	5.1	5.7	6.6	11.3
17	4.2	3.9	5.0	4.8	6.0	6.2	6.9	4.0	6.8	6.2	7.1	8.6	8.4	5.4	9.0	11.3	9.8	8.9	5.8	3.3	5.8	4.3	4.0	3.3	6.2	11.3
18	6.2	11.8	5.8	4.2	4.7	5.2	6.9	3.8	4.0	9.2	16.1	19.0	21.5	31.1	33.2	30.3	29.5	28.4	25.3	20.2	19.0	23.5	14.1	8.1	15.9	33.2
19	5.2	5.9	6.7	5.8	2.7	2.4	2.3	5.0	3.5	6.3	7.1	8.1	8.5	9.9	8.0	12.6	14.8	13.6	6.6	7.1	5.7	7.3	8.4	9.5	7.2	14.8
20	5.8	3.5	4.4	3.3	2.1	2.3	2.8	9.7	11.1	13.2	11.2	11.9	14.6	14.3	13.1	9.4	8.5	10.1	5.9	4.3	6.1	3.7	2.1	3.4	7.4	14.6
21	2.0	4.3	1.6	3.9	3.9	1.8	2.7	4.9	5.7	7.9	10.4	11.5	11.4	10.7	9.4	6.8	8.1	9.0	7.9	4.5	5.8	3.3	2.1	3.5	6.0	11.5
22	3.0	2.1	2.4	3.5	3.2	3.4	3.7	3.9	4.6	5.4	7.4	8.0	10.3	9.3	10.6	10.3	11.4	11.3	9.2	6.7	4.4	11.7	8.7	3.8	6.6	11.7
23	4.1	3.5	4.1	4.8	6.1	4.1	4.5	11.5	7.9	7.1	6.1	7.7	8.3	4.8	6.4	4.4	12.6	11.9	9.3	10.3	11.9	10.2	8.7	7.8	7.4	12.6
24	9.3	8.3	7.4	5.4	5.3	7.9	6.8	2.8	3.7	5.0	5.8	6.7	10.2	8.3	9.4	8.8	11.5	8.0	14.2	17.2	17.5	12.7	6.1	3.7	8.4	17.5
25	5.3	5.3	8.1	9.4	7.0	7.8	7.6	5.3	4.6	5.4	4.5	7.3	8.8	17.4	8.7	9.8	10.8	5.3	7.1	8.7	4.1	3.7	2.2	3.1	7.0	17.4
26	4.1	3.9	6.1	10.8	6.6	5.1	3.8	7.0	3.2	8.1	9.3	4.9	6.5	17.2	21.9	6.7	7.2	4.4	9.0	8.8	8.3	3.5	5.7	6.3	7.4	21.9
27	5.3	3.6	4.3	.8	3.4	4.1	7.5	6.6	7.4	10.0	6.4	9.2	10.0	10.3	6.8	8.4	10.0	4.9	2.5	2.3	2.7	3.5	3.8	4.6	5.8	10.3
28	7.1	7.1	7.0	3.4	6.8	4.2	4.7	2.5	7.2	5.9	5.6	5.5	7.9	10.0	7.5	5.8	4.4	4.3	12.1	10.1	13.8	13.8	13.2	12.5	7.6	13.8
29	15.9	15.5	9.9	16.5	16.2	20.5	14.0	5.6	5.7	8.5	8.4	9.6	8.8	8.0	9.9	8.3	8.6	7.2	7.4	4.9	5.3	7.5	4.9	5.8	9.7	20.5
30	6.7	6.3	7.0	6.6	2.0	3.0	5.4	4.9	3.2	4.5	6.1	6.6	6.6	7.4	5.0	6.3	6.2	6.3	4.3	3.4	2.3	6.6	7.9	6.6	5.5	7.9
AV	6.9	7.0	6.5	7.1	6.3	6.6	6.4	6.0	6.4	8.3	9.3	10.7	11.4	12.6	12.7	12.2	12.3	10.8	9.8	7.9	7.8	8.2	7.3	6.6	8.6	34.2
SD	3.8	4.0	3.4	4.5	3.5	4.5	3.7	3.7	3.6	3.6	3.8	4.5	4.7	6.0	7.2	7.1	6.6	6.0	5.8	5.4	4.9	4.8	3.8	2.9	5.3	[ ]

UNOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

MAY, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8.3	4.7	2.1	5.7	4.8	6.8	5.0	8.6	3.2	8.0	7.2	8.6	14.9	12.9	10.0	5.3	4.8	16.0	17.8	13.8	15.7	13.9	15.7	12.1	9.4	17.8
2	8.6	4.9	6.0	8.7	8.5	8.6	3.0	1.9	3.9	5.6	5.8	5.4	10.6	5.1	5.8	2.1	3.5	6.8	6.7	8.3	8.2	5.6	6.6	4.8	6.0	10.6
3	7.6	8.7	7.5	5.3	4.9	4.4	5.2	5.3	7.9	8.1	10.1	9.7	9.9	11.2	15.0	9.0	4.9	12.6	4.8	9.4	7.1	3.1	2.8	4.4	7.5	15.0
4	4.0	4.3	4.1	5.8	3.9	4.2	5.2	4.5	6.9	6.7	11.4	10.8	11.7	16.1	10.0	8.8	18.3	12.9	11.4	10.2	10.8	10.8	6.8	4.4	8.5	18.3
5	5.4	3.6	4.7	7.6	6.8	5.0	4.8	5.3	6.1	5.9	10.1	14.3	12.8	15.7	12.4	12.1	13.0	8.3	3.9	2.4	3.8	4.1	5.2	4.7	7.4	15.7
6	4.8	6.3	7.2	8.8	8.8	8.6	9.5	[RF]	[RF]	[RF]	[RF]	6.9	9.0	7.5	7.4	6.6	6.5	5.3	2.8	9.8	15.2	17.2	14.8	9.0	8.6	17.2
7	7.5	4.6	6.1	6.6	10.6	10.3	10.4	6.7	5.6	6.8	10.3	13.2	15.1	11.9	8.3	19.2	5.0	11.6	10.4	6.1	8.5	4.8	3.1	2.5	8.6	19.2
8	5.0	4.7	3.3	2.8	3.8	4.8	4.4	5.3	3.3	5.0	11.9	8.0	10.6	16.2	15.6	14.3	13.8	13.6	10.0	6.0	7.6	10.2	7.7	15.0	8.5	16.2
9	7.5	7.9	6.8	9.0	15.6	10.2	10.5	12.6	19.5	18.9	17.5	17.9	22.7	17.9	23.2	32.2	20.2	13.1	7.1	4.5	12.7	9.2	7.1	7.0	13.8	32.2
10	4.3	4.8	7.2	4.7	5.9	7.5	6.2	9.0	12.7	16.6	14.0	11.1	11.1	13.1	18.2	15.6	18.2	14.3	8.2	7.5	7.6	13.2	13.9	4.4	10.4	18.2
11	5.7	3.5	5.6	5.7	12.1	2.9	1.7	3.7	5.0	3.6	6.5	8.9	10.2	8.7	10.8	12.4	11.9	5.7	6.6	4.4	5.1	3.9	6.4	5.1	6.5	12.4
12	1.7	1.1	3.5	2.8	5.6	6.0	6.4	7.0	6.1	3.2	4.3	3.5	5.0	6.2	6.2	8.1	9.9	10.3	7.7	14.3	8.2	7.4	3.1	4.4	5.9	14.3
13	6.6	4.7	7.5	12.6	13.6	8.5	9.4	10.0	12.6	15.4	12.7	13.6	10.3	10.4	10.1	18.6	15.3	11.9	10.7	8.4	2.9	3.5	1.6	2.3	9.7	18.6
14	3.6	2.9	3.8	5.6	5.1	6.3	3.6	3.2	7.0	6.1	5.4	5.7	5.2	4.2	6.2	5.6	4.6	9.8	9.2	7.5	7.0	8.6	7.6	5.4	5.8	9.8
15	5.1	5.0	7.7	4.4	4.8	4.4	5.3	3.4	4.9	7.4	5.4	4.9	6.7	9.3	8.0	6.7	5.9	6.4	9.3	5.3	6.0	7.8	7.4	6.8	6.2	9.3
16	5.7	6.3	4.8	3.3	4.4	5.3	4.8	3.9	4.0	3.0	5.4	5.4	9.2	9.3	7.2	8.2	9.9	7.9	15.4	4.7	3.1	6.6	6.4	4.1	6.2	15.4
17	4.2	4.7	5.1	3.3	3.9	5.1	3.7	2.5	5.0	5.3	5.6	7.5	9.0	9.3	7.9	7.1	5.2	4.8	3.7	1.8	4.8	8.7	5.5	3.8	5.3	9.3
18	10.1	6.0	4.7	5.2	4.3	5.9	7.6	8.6	14.0	17.5	17.6	17.7	16.3	13.1	15.4	16.7	13.9	14.7	11.6	15.8	6.1	9.5	3.7	6.3	10.9	17.7
19	4.7	4.8	3.3	4.6	7.0	8.1	14.9	14.4	9.2	2.8	5.4	12.3	12.5	12.2	5.7	6.2	12.7	7.0	8.6	3.5	2.2	4.0	10.5	6.3	7.6	14.9
20	2.6	3.9	6.0	6.6	5.6	5.1	3.4	2.4	5.3	5.4	6.1	8.0	5.1	5.7	5.6	4.8	3.8	4.4	4.5	4.8	6.8	9.2	8.0	8.2	5.5	9.2
21	7.8	4.3	3.9	5.9	5.4	4.7	4.1	3.9	5.5	4.5	5.1	6.3	6.1	5.5	6.8	9.0	7.5	6.9	5.1	7.2	10.7	14.9	12.6	10.1	6.8	14.9
22	5.3	3.8	5.3	2.6	3.8	5.0	6.6	3.0	5.6	5.9	5.7	6.2	7.4	10.2	14.0	5.8	13.9	18.2	14.0	10.2	3.9	2.8	4.7	4.0	7.0	18.2
23	4.4	6.1	8.1	11.0	5.2	3.5	3.3	4.4	5.2	10.1	7.6	5.6	7.0	8.6	7.1	8.3	10.8	8.0	4.4	11.7	6.0	3.7	3.3	2.4	6.5	11.7
24	3.7	3.3	5.2	3.6	5.8	5.4	4.0	3.5	5.1	5.9	6.3	7.1	6.6	9.7	11.0	15.3	9.4	11.7	15.3	14.8	10.6	11.5	8.2	3.6	7.8	15.3
25	3.8	3.1	3.2	3.8	3.4	3.5	3.3	4.9	6.2	4.8	5.8	10.0	9.7	11.3	11.0	8.2	8.0	5.5	12.5	10.3	16.4	13.5	10.0	7.6	7.5	16.4
26	8.8	9.9	10.1	8.0	9.2	9.8	7.0	4.0	3.8	6.6	6.9	7.2	7.9	7.5	7.8	8.9	12.8	7.4	6.6	6.8	11.6	11.2	10.7	8.6	8.3	12.8
27	12.6	6.4	8.9	4.5	4.2	7.0	4.7	7.2	17.8	14.8	10.7	10.1	12.5	6.9	5.7	10.5	10.5	11.4	12.0	14.2	14.8	17.6	16.5	14.7	10.7	17.8
28	15.0	13.6	21.3	19.0	19.6	18.8	10.0	6.7	9.9	12.2	15.1	13.6	16.5	17.5	19.8	17.6	14.6	14.9	15.7	15.7	9.3	5.1	3.7	4.5	13.7	21.3
29	5.4	2.1	1.6	4.5	3.5	4.9	4.3	6.9	4.0	6.1	6.9	8.3	9.3	9.2	5.9	10.2	12.4	12.9	13.9	5.3	4.7	1.8	4.7	9.4	6.6	13.9
30	5.9	7.4	5.4	5.8	8.9	6.6	10.2	8.0	7.5	10.2	15.2	23.6	6.5	4.1	5.2	8.0	6.6	6.2	4.6	3.5	6.0	6.9	7.0	2.9	7.6	23.6
31	5.6	9.2	6.9	6.1	6.2	2.1	1.9	4.4	6.7	6.9	6.3	6.8	6.3	5.8	6.8	6.0	6.1	5.2	4.8	4.4	5.9	9.9	8.1	7.6	6.1	9.9
AV	6.2	5.4	6.0	6.3	6.9	6.4	5.9	5.8	7.3	8.0	8.8	9.6	10.1	10.1	10.0	10.6	10.1	9.9	9.0	8.1	8.0	8.4	7.5	6.3	8.0	32.2
SD	2.8	2.5	3.5	3.3	3.9	3.1	3.0	3.0	4.1	4.5	4.0	4.5	4.0	3.9	4.7	6.0	4.6	3.8	4.2	4.1	3.9	4.3	3.9	3.3	4.2	[ ]

QHOUT -- 00060 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JUN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.3	4.4	2.9	3.9	2.6	3.7	2.5	3.2	3.4	10.1	17.0	11.9	13.3	24.3	31.9	23.6	20.9	24.0	24.9	21.4	14.7	13.3	4.0	4.7	12.2	31.9
2	4.0	2.4	3.0	6.4	7.9	7.9	10.0	3.1	11.6	9.6	11.4	17.6	12.4	15.0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	8.0	17.6
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10.6	16.3	12.5	16.2	14.3	16.8	13.1	12.9	6.2	9.4	8.2	6.6	4.3	12.0	18.6
5	8.6	13.2	16.4	11.2	12.2	4.7	4.8	2.9	12.4	20.2	19.6	20.5	16.6	21.6	19.5	19.6	16.6	21.7	23.2	23.9	21.2	5.7	4.5	6.3	14.5	23.9
6	5.0	2.5	4.6	5.7	8.9	12.1	8.0	5.4	9.0	10.4	6.8	10.0	12.6	14.4	10.3	9.0	10.3	10.2	8.3	5.0	3.3	8.0	8.7	11.3	8.3	14.4
7	8.0	3.8	2.3	4.7	2.6	1.0	2.3	3.7	5.7	5.4	9.0	14.8	15.4	13.4	12.5	12.2	15.4	11.1	9.5	9.8	11.3	11.1	12.1	6.9	8.5	15.4
8	8.1	7.3	6.3	4.9	4.4	4.5	9.6	12.4	20.1	17.6	18.0	17.2	21.7	24.2	22.8	25.1	24.1	19.9	18.3	13.3	8.3	5.0	10.1	16.6	14.2	25.1
9	15.4	14.9	9.3	6.8	4.5	5.6	4.2	4.2	6.5	7.6	5.3	5.3	8.6	9.4	10.2	9.9	10.1	7.6	4.6	3.4	3.4	6.6	5.6	5.1	7.3	15.4
10	6.5	5.4	5.6	5.7	6.5	6.7	5.8	3.4	4.5	6.4	5.4	6.5	7.9	8.1	8.4	10.6	13.6	11.8	11.5	10.0	13.1	6.0	3.2	2.5	7.3	13.6
11	3.4	2.3	4.5	3.9	3.6	5.4	7.1	3.6	5.7	5.2	6.5	8.6	9.6	10.5	11.4	11.6	13.6	11.6	9.0	4.1	3.2	5.7	5.2	6.6	6.7	13.6
12	6.6	5.1	5.8	5.2	7.5	3.0	2.8	2.9	4.7	6.6	6.2	5.6	5.6	5.7	8.2	6.8	7.2	9.8	5.2	5.5	2.9	4.3	8.0	9.6	5.9	9.8
13	9.7	11.4	4.7	2.5	1.7	4.9	2.2	5.3	7.0	10.0	8.0	13.2	11.8	12.3	15.0	12.3	11.6	10.1	7.5	4.8	5.6	9.3	8.7	6.7	8.2	15.0
14	3.8	3.8	9.7	7.9	6.5	5.7	5.1	4.3	6.4	8.5	7.3	9.0	12.2	13.2	13.0	14.8	13.5	18.4	8.8	13.9	3.9	3.0	2.1	3.0	8.2	18.4
15	3.2	2.6	3.8	4.1	2.3	1.8	2.5	3.1	4.6	8.4	7.0	9.3	7.9	7.8	7.6	8.3	8.3	5.8	4.7	3.8	1.8	4.2	4.9	6.0	5.2	9.3
16	5.6	6.4	5.3	5.9	4.5	6.6	5.0	3.1	4.1	4.5	5.3	8.0	7.5	7.5	7.6	8.9	13.9	12.3	8.0	6.9	3.9	12.5	4.1	17.5	7.3	17.5
17	11.4	7.5	3.8	3.9	3.9	1.9	2.0	3.1	3.6	5.9	5.6	7.1	6.9	10.3	9.5	13.5	11.8	8.5	9.8	7.5	9.3	10.5	9.6	9.4	7.3	13.5
18	12.8	13.5	10.0	11.0	8.1	7.7	9.5	10.5	7.5	11.9	7.9	9.7	7.4	8.0	8.6	9.0	9.6	10.1	11.9	11.1	8.6	4.7	2.0	5.4	9.0	13.5
19	5.4	5.3	5.2	2.0	4.3	4.8	3.1	4.3	5.2	6.4	4.5	6.7	7.6	10.1	10.1	6.4	6.7	7.3	22.5	18.3	8.9	7.9	3.4	5.1	7.1	22.5
20	3.0	4.4	3.2	5.0	3.9	5.2	4.8	3.4	5.8	6.5	6.3	6.9	10.0	8.6	14.1	6.3	5.8	6.0	16.1	8.8	6.9	4.2	3.7	4.1	6.4	16.1
21	6.8	10.5	6.1	5.3	8.1	4.5	2.2	4.0	6.2	5.1	6.5	8.0	11.4	9.8	7.9	4.9	5.2	10.5	15.4	19.4	10.6	9.6	8.6	4.2	8.0	19.4
22	5.6	4.2	6.2	11.4	7.0	3.9	1.9	2.3	5.9	7.5	8.6	11.4	12.5	14.3	12.2	14.2	6.3	4.9	5.2	5.7	4.0	5.1	7.8	7.5	7.3	14.3
23	8.3	6.6	2.8	3.4	3.7	4.1	3.3	3.9	4.3	5.4	7.5	5.4	10.7	13.7	6.6	20.1	20.2	5.5	9.5	7.6	3.8	3.0	3.1	3.7	6.9	20.2
24	4.6	8.0	11.0	6.7	4.8	4.2	4.5	5.0	5.3	5.6	6.2	6.3	7.6	8.0	9.0	8.4	13.5	12.2	8.2	3.1	1.8	5.8	6.9	8.7	6.9	13.5
25	5.3	1.7	3.4	4.1	5.4	6.0	6.4	4.5	5.5	5.3	4.4	6.0	7.4	14.6	13.3	6.3	4.8	11.8	15.0	8.7	4.5	4.4	5.9	6.7	6.7	15.0
26	5.8	7.7	3.9	5.2	6.5	5.9	5.9	3.8	4.8	5.7	5.3	6.3	6.6	7.0	6.9	6.5	6.7	5.8	3.1	4.1	5.3	6.7	9.9	6.2	5.9	9.9
27	6.2	3.5	2.5	4.1	4.4	5.0	3.5	4.1	4.3	5.2	5.4	9.4	10.5	12.9	11.8	7.1	6.9	5.0	2.6	3.2	4.4	9.5	8.8	12.5	6.4	12.9
28	13.6	10.9	8.1	2.8	4.9	5.0	6.6	4.9	3.1	6.9	12.6	16.9	16.0	15.6	12.3	13.3	12.9	12.3	11.6	5.9	7.6	10.4	10.5	13.0	9.9	16.9
29	12.9	13.2	12.5	11.5	12.6	9.9	7.8	15.7	16.0	13.1	14.1	13.7	13.2	17.6	20.8	14.3	11.6	10.5	7.6	4.7	6.6	10.7	12.9	14.1	12.4	20.8
30	9.9	10.4	13.3	13.6	14.5	14.2	21.8	12.7	20.2	22.9	20.9	16.0	19.0	16.8	15.9	8.7	6.0	5.6	3.9	8.5	16.3	21.1	26.6	20.5	15.0	26.6
AV	7.3	6.9	6.3	6.0	6.0	5.6	5.5	5.1	7.3	8.7	8.9	10.5	11.2	12.7	12.6	11.6	11.6	10.9	10.7	8.9	7.3	7.7	7.4	8.2	8.6	31.9
SD	3.4	3.9	3.7	3.0	3.2	2.8	4.0	3.4	4.6	4.7	4.8	4.6	4.0	4.9	5.6	5.3	5.1	5.1	6.0	5.8	4.7	3.9	4.8	4.7	5.0	[ ]

QHOUT -- QUOOO <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JUL, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	19.5	22.3	20.5	18.5	19.6	14.1	10.6	13.1	12.5	18.5	16.7	17.1	12.6	14.5	12.5	13.1	12.6	10.4	10.3	8.2	8.0	8.7	7.0	3.8	13.5	22.3
2	5.5	7.0	5.6	7.1	8.5	5.9	3.3	4.1	6.8	6.1	7.6	7.4	9.5	12.9	10.8	12.1	14.1	12.9	10.4	8.3	5.2	9.0	9.3	9.2	8.3	14.1
3	4.2	4.3	4.0	3.8	3.0	2.9	2.6	3.3	4.9	6.3	10.5	10.1	9.8	10.3	11.8	11.6	12.7	9.7	9.2	8.6	6.1	8.5	7.1	12.6	7.4	12.7
4	7.3	6.7	7.5	8.9	4.7	4.9	1.9	4.2	9.5	13.6	13.1	20.7	15.9	17.0	14.3	14.5	13.7	13.1	10.5	23.9	9.7	3.6	3.3	4.8	10.3	23.9
5	4.9	2.9	3.1	3.4	3.0	2.5	4.5	8.3	7.7	8.5	13.6	13.0	17.2	20.1	17.5	15.3	18.8	17.2	10.0	7.6	5.2	6.5	12.6	13.1	9.9	20.1
6	8.7	7.9	5.9	8.3	6.5	7.6	6.8	4.3	4.5	4.2	8.0	6.6	8.6	7.6	8.3	7.2	5.5	4.7	3.2	4.3	7.6	8.4	9.3	11.5	6.9	11.5
7	10.2	9.0	5.1	5.1	6.7	7.2	5.4	3.2	6.3	6.8	7.6	8.4	8.8	6.5	5.4	12.1	7.7	7.7	9.9	9.7	9.0	11.4	9.6	12.8	8.0	12.8
8	10.6	9.0	4.0	4.2	5.4	6.6	12.3	10.8	5.0	3.9	4.0	8.0	8.3	5.7	13.0	15.7	17.4	17.6	11.9	6.1	2.8	6.8	6.3	4.6	8.3	17.6
9	5.9	7.7	7.7	4.0	2.5	6.3	7.1	3.2	2.6	6.2	8.3	10.2	10.2	11.0	10.8	8.5	5.7	9.9	9.8	11.1	4.3	4.9	5.0	2.2	6.9	11.1
10	5.7	8.5	5.1	4.9	4.1	4.8	4.9	4.5	8.1	6.1	5.4	6.1	7.9	6.6	6.2	7.4	7.6	6.3	5.2	3.4	2.8	2.1	3.7	5.7	5.5	8.5
11	5.4	3.7	3.6	5.8	2.9	2.9	6.5	10.7	12.8	6.3	7.1	8.8	8.0	7.9	8.2	9.4	14.8	19.3	16.0	3.5	4.6	5.8	7.6	4.6	7.8	19.3
12	5.7	5.2	7.6	4.5	5.0	5.6	5.7	3.1	4.1	3.2	4.5	5.1	7.4	6.9	10.2	12.4	11.0	18.1	7.8	3.2	7.0	11.6	8.9	6.7	7.1	18.1
13	6.1	5.3	7.4	6.2	5.9	5.1	5.1	10.3	3.8	7.9	7.6	8.2	7.3	18.8	11.7	11.5	8.4	6.7	5.9	8.1	8.1	7.5	8.9	7.1	7.9	18.8
14	9.7	8.1	5.2	4.0	3.9	5.7	5.1	3.2	4.5	3.8	6.0	8.7	11.7	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	6.1	11.7
15	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
16	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
17	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
18	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
19	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
20	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
21	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
22	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
23	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
24	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
25	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
26	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
27	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
28	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	5.2	3.3	4.9	9.3	14.4	6.6	6.0	3.3	4.5	3.6	3.0	2.8	2.3	2.9	5.2	14.4
29	1.5	2.1	2.9	3.8	6.1	2.1	1.8	5.4	3.6	5.6	5.9	7.7	7.4	9.1	10.9	11.6	11.1	16.2	13.2	2.8	9.5	7.9	3.5	4.6	6.5	16.2
30	5.1	2.8	2.8	3.2	3.0	2.8	1.8	2.9	3.8	4.5	4.2	4.8	6.7	7.8	7.9	5.9	7.8	6.1	5.2	2.7	2.6	1.9	4.1	3.9	4.3	7.9
31	6.2	6.1	3.0	7.5	2.9	5.9	5.6	3.8	7.2	5.9	4.7	6.7	8.1	4.9	7.0	6.7	7.6	5.2	3.1	2.6	3.9	9.3	11.3	12.6	6.2	12.6
AV	7.2	7.0	5.9	6.1	5.5	5.5	5.4	5.8	6.3	6.9	7.8	8.9	9.5	10.4	10.6	10.7	10.7	10.8	8.6	6.9	5.8	6.9	7.0	7.2	7.7	23.9
SD	3.9	4.5	4.1	3.7	4.0	2.8	2.9	3.4	3.0	3.8	3.6	4.3	3.1	4.7	3.2	3.2	4.1	5.3	3.6	5.2	2.5	3.0	3.0	3.9	4.1	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

AUG, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.8	7.4	11.6	3.8	3.8	5.1	3.5	2.3	3.2	5.0	5.4	8.0	9.4	9.7	12.4	10.8	9.0	8.9	9.2	10.2	18.6	11.7	6.7	8.0	7.9	18.6
2	10.2	9.9	4.1	4.4	8.8	7.7	10.6	13.6	8.4	6.8	8.9	9.0	7.2	9.3	10.2	13.6	8.1	6.8	8.4	16.4	13.8	10.6	10.4	7.1	9.3	16.4
3	4.4	4.0	3.7	5.8	7.8	9.9	10.4	7.8	6.6	5.7	4.7	5.9	6.7	16.0	16.5	15.9	9.4	7.0	8.9	6.3	7.9	9.3	10.5	10.4	8.4	16.5
4	11.3	6.0	3.5	6.0	6.6	7.0	3.0	4.8	3.4	5.7	6.9	7.4	8.3	6.8	3.9	5.0	6.9	3.4	4.6	4.3	5.4	5.2	9.3	11.8	6.1	11.8
5	8.1	4.4	5.0	5.0	3.9	7.5	6.1	4.2	3.5	6.6	6.6	8.9	7.7	8.2	7.1	6.9	9.0	6.6	6.5	4.0	3.7	7.8	9.5	3.2	6.3	9.5
6	4.7	5.4	7.2	11.2	5.7	5.6	5.4	4.9	4.5	5.2	4.5	6.0	5.9	7.8	7.1	9.1	5.0	5.1	6.4	6.4	3.4	7.2	11.9	11.8	6.6	11.9
7	8.2	3.7	2.5	3.6	3.3	4.6	2.1	2.6	5.3	5.9	7.7	9.2	8.1	8.9	14.9	9.0	5.3	9.9	4.3	3.6	6.9	15.3	11.7	11.0	7.0	15.3
8	9.3	6.3	6.2	4.5	5.0	8.3	7.9	6.3	7.9	6.2	6.0	6.0	8.0	10.6	13.2	17.1	16.3	6.2	11.2	19.3	17.9	15.9	13.2	6.1	9.8	19.3
9	2.0	2.6	2.5	3.4	2.6	2.5	2.2	3.1	4.9	4.8	5.2	6.6	8.8	8.7	11.4	14.3	13.8	13.8	13.5	13.6	11.8	12.6	6.1	7.2	7.4	14.3
10	9.6	6.3	2.9	3.1	3.3	3.9	6.0	10.4	5.4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5.7	10.4
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	11.0	13.3	14.4	12.0	12.1	13.2	13.0	13.5	16.6	14.0	13.5	11.4	10.6	8.3	5.9	12.2	16.6
26	3.6	8.0	6.2	4.9	3.5	4.4	3.1	4.9	4.3	5.2	6.5	7.6	8.6	12.1	10.4	9.8	8.9	5.3	13.2	7.4	6.4	6.7	3.8	4.9	6.7	13.2
27	7.4	4.0	3.2	5.2	4.4	5.9	3.1	4.1	5.1	5.4	5.8	8.5	8.7	6.3	6.7	5.6	5.9	4.5	6.2	6.5	7.2	10.1	8.0	8.2	6.1	10.1
28	7.9	9.4	10.7	11.0	12.5	12.0	11.4	11.6	10.8	7.7	6.6	8.5	17.6	11.4	11.4	9.6	4.3	6.9	15.2	11.9	3.0	8.1	10.3	11.8	10.1	17.6
29	10.0	9.4	11.8	12.7	3.4	2.4	1.5	2.5	5.0	4.3	4.0	6.1	4.5	5.6	6.3	7.0	7.8	2.2	3.0	3.7	6.1	6.6	7.4	7.5	5.9	12.7
30	4.0	10.1	8.6	4.4	5.2	3.7	4.3	3.5	3.4	4.8	5.7	12.3	10.5	6.9	7.7	15.0	8.1	8.3	4.1	4.3	6.1	9.3	11.7	13.0	7.3	15.0
31	6.5	2.5	1.8	3.8	4.0	5.7	5.0	3.9	3.2	6.5	6.8	10.5	8.0	6.0	10.4	14.7	12.6	7.6	2.0	1.9	4.1	3.0	3.0	3.0	5.7	14.7
AV	7.1	6.2	5.7	5.8	5.2	6.0	5.4	5.7	5.3	6.1	6.5	8.4	8.8	9.2	10.2	11.0	9.0	7.4	8.2	8.3	8.4	9.4	8.9	8.2	7.5	19.3
SD	2.7	2.6	3.4	3.0	2.6	2.6	3.2	3.4	2.2	1.6	2.2	2.4	2.9	2.8	3.5	3.8	3.5	3.6	4.2	5.2	4.9	3.5	2.9	3.2	3.6	[ ]

WHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.9	3.1	4.2	5.1	6.0	6.0	6.5	5.6	4.9	5.2	6.4	6.3	8.4	7.6	8.1	7.4	6.5	3.7	2.9	5.3	9.3	5.1	4.4	5.7	5.7	9.3
2	8.1	7.6	9.6	6.9	4.2	2.1	1.5	2.5	5.6	5.7	7.6	8.7	9.6	7.1	8.5	8.1	7.6	4.6	1.8	3.4	4.9	8.3	7.7	6.3	6.2	9.6
3	5.4	6.1	5.3	3.5	7.2	6.8	6.6	7.7	3.0	5.2	6.0	7.7	9.2	7.9	7.2	8.7	8.8	6.2	4.1	4.8	12.3	10.6	9.9	8.0	7.0	12.3
4	4.1	4.2	3.7	4.0	3.8	3.1	2.6	3.3	3.0	8.5	12.3	14.2	8.8	9.9	12.4	9.9	8.9	15.4	13.5	9.4	15.7	8.9	4.9	10.4	8.1	15.7
5	6.5	7.2	14.5	14.8	11.3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10.9	14.8
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.9	5.4	5.8	8.4	7.5	7.3	6.4	4.9	4.5	7.6	10.0	9.7	9.2	3.5	4.2	6.6	10.0
22	2.1	3.7	4.7	5.0	3.7	4.2	4.3	4.2	3.4	3.5	4.5	6.0	7.6	7.7	10.8	11.3	10.1	7.0	7.7	8.6	10.6	3.5	3.4	6.0	6.0	11.3
23	7.1	6.3	3.3	2.6	3.0	3.6	5.4	9.4	3.7	4.9	5.3	6.3	6.8	5.6	8.7	7.5	4.4	4.0	5.0	6.5	4.1	4.5	5.0	4.0	5.3	9.4
24	6.1	6.6	3.7	6.5	6.2	4.5	6.9	7.0	4.1	5.5	4.4	3.3	5.5	6.2	4.4	4.1	2.5	2.2	2.3	3.3	3.2	5.1	3.8	4.0	4.6	7.0
25	3.6	3.4	4.6	7.1	7.7	6.9	3.4	3.1	6.2	7.1	8.0	5.2	4.2	5.3	2.9	2.3	4.0	1.9	6.2	9.9	9.9	5.7	6.1	5.4	5.4	9.9
26	5.5	8.2	10.7	9.2	8.0	5.1	2.3	2.8	3.6	11.5	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	6.7	11.5
27	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
28	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
29	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
30	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	9.8	11.9	15.4	11.5	7.9	5.3	6.9	8.5	5.7	5.8	7.7	8.3	4.4	8.4	15.4
AV	5.2	5.6	6.4	6.5	6.1	4.7	4.4	5.1	4.2	6.1	6.7	7.3	8.0	8.0	8.2	7.4	6.3	5.6	6.0	6.7	8.6	6.9	5.7	5.8	6.3	15.7
SD	1.8	1.9	3.8	3.5	2.6	1.7	2.0	2.5	1.1	2.4	2.5	3.0	2.2	2.9	3.0	2.6	2.5	3.9	3.6	2.6	4.0	2.4	2.2	2.0	2.8	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

OCT, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.1	4.0	3.7	6.3	8.7	8.3	5.7	8.2	7.2	8.1	11.4	12.0	10.6	10.4	11.1	13.1	14.7	13.5	11.3	5.3	6.7	6.5	5.0	6.0	8.4	14.7
2	5.1	6.2	5.0	7.9	10.7	10.1	8.5	4.3	3.7	4.5	8.6	9.2	7.9	6.8	8.3	7.6	5.6	3.3	2.5	3.0	6.6	5.7	6.1	7.8	6.5	10.7
3	9.7	4.4	1.6	5.0	2.8	4.8	2.8	2.4	2.2	3.1	4.9	7.9	8.2	5.4	5.4	6.9	3.7	2.4	5.6	8.7	6.2	5.2	3.4	7.0	5.0	9.7
4	7.5	6.3	6.2	5.4	6.9	3.8	4.8	2.3	2.4	3.5	5.9	6.9	6.2	6.4	5.8	6.6	5.0	3.4	3.1	8.1	10.6	10.4	10.1	7.4	6.0	10.6
5	6.3	4.8	10.3	11.3	4.4	4.3	3.1	2.4	5.2	5.8	5.6	4.1	7.2	7.6	9.4	8.4	7.8	11.4	11.4	8.0	7.7	4.3	5.7	7.8	6.8	11.4
6	7.9	9.3	7.5	8.2	7.6	7.8	5.0	3.0	2.5	5.3	5.3	4.8	5.1	5.1	5.3	5.2	7.0	5.1	4.0	2.5	3.5	3.4	4.8	6.7	5.5	9.3
7	5.9	3.5	5.1	2.8	3.9	1.4	2.9	2.3	4.2	6.7	4.5	4.7	5.2	3.7	5.6	2.7	2.2	4.3	14.5	22.5	21.6	13.3	13.0	7.6	6.8	22.5
8	7.5	6.3	2.9	7.8	3.6	5.2	4.1	5.1	7.7	5.6	4.3	7.2	8.0	10.5	7.4	5.3	4.3	9.0	8.5	11.3	8.6	8.7	5.3	2.2	6.5	11.3
9	3.2	2.8	3.0	4.9	3.1	2.9	3.1	2.3	3.6	4.8	5.4	10.1	8.3	8.2	5.0	6.6	9.6	6.5	7.4	8.4	11.0	9.5	6.5	6.0	5.9	11.0
10	2.7	3.1	3.5	2.4	2.6	2.8	1.7	2.3	3.3	4.8	5.7	6.1	7.7	5.0	6.1	5.9	5.1	3.5	4.2	6.6	4.4	3.0	5.0	5.7	4.3	7.7
11	4.0	3.9	5.1	5.9	4.6	4.9	6.6	7.8	3.7	4.1	4.4	5.4	3.6	3.9	7.6	6.9	5.1	3.7	3.2	5.4	5.1	6.2	6.6	4.9	5.1	7.8
12	4.1	3.9	5.3	5.3	3.5	5.0	5.2	6.1	3.0	4.9	6.5	5.8	5.7	4.2	5.2	3.3	4.4	3.9	3.2	4.4	6.3	6.7	5.8	5.1	4.9	6.7
13	4.9	4.8	5.0	8.0	8.6	8.4	6.7	1.8	2.6	6.3	5.8	5.9	7.0	6.6	4.1	4.3	3.4	2.2	2.4	3.3	5.2	5.9	7.1	7.4	5.3	8.6
14	5.1	5.4	6.9	6.7	7.2	7.6	7.9	6.9	3.2	4.7	[CA]	5.0	5.8	7.0	6.6	7.8	3.4	2.6	2.0	3.3	4.9	6.4	6.0	7.0	5.6	7.9
15	5.4	5.9	5.1	5.4	5.7	7.7	6.9	8.0	3.7	4.8	5.0	5.1	7.2	7.9	7.2	6.6	3.5	1.4	6.5	10.6	8.0	8.6	9.8	9.9	6.5	10.6
16	7.6	5.2	5.1	4.2	3.6	5.1	4.5	4.1	2.3	5.8	4.0	6.1	8.7	8.1	9.8	6.5	2.9	4.5	6.5	12.4	7.1	10.8	6.9	7.1	6.2	12.4
17	6.0	6.4	7.0	6.0	5.9	5.1	4.8	5.3	2.9	4.2	3.9	7.4	9.3	7.9	5.9	11.1	10.0	6.9	5.6	8.2	7.8	6.7	4.3	2.9	6.3	11.1
18	4.0	4.4	2.6	4.9	6.2	5.7	4.5	8.0	3.9	6.0	6.7	8.0	12.6	12.5	11.1	11.8	17.0	13.8	11.9	12.2	21.0	20.6	13.1	10.7	9.7	21.0
19	10.1	9.3	3.3	2.6	2.4	5.4	2.2	3.9	5.4	4.9	4.5	6.5	6.0	4.0	5.1	4.4	2.8	2.3	2.8	3.2	4.8	2.0	4.0	4.8	4.4	10.1
20	6.8	4.6	5.0	6.3	5.2	6.4	6.9	4.2	3.1	5.0	5.6	5.9	4.8	5.6	4.8	3.5	3.1	2.8	3.1	3.2	2.9	3.2	4.7	2.5	4.6	6.9
21	6.6	6.6	6.3	6.5	7.4	6.5	6.8	4.7	3.1	3.4	4.4	4.1	4.0	6.4	4.9	3.7	2.6	2.3	4.1	8.7	4.1	6.8	6.8	5.6	5.3	8.7
22	3.6	6.3	6.1	8.9	5.8	6.2	7.0	5.2	3.4	3.3	3.8	3.2	5.4	5.0	4.4	3.5	2.9	3.3	2.8	2.3	3.0	4.1	3.8	3.7	4.5	8.9
23	3.3	5.1	5.6	6.5	6.2	8.2	5.6	7.2	4.2	3.4	4.6	5.2	7.7	5.3	5.9	4.3	4.8	5.0	2.9	2.9	3.9	4.3	3.2	4.8	5.0	8.2
24	4.1	6.7	4.9	2.3	3.4	6.0	5.8	5.1	3.9	6.6	7.0	4.2	6.0	7.2	5.8	4.6	4.8	6.2	3.5	4.2	5.0	5.3	4.4	5.0	5.1	7.2
25	9.0	3.8	5.6	7.5	5.3	3.9	3.4	6.6	5.9	12.7	10.7	9.3	7.0	6.0	6.9	4.9	1.7	2.1	2.8	2.2	5.4	7.4	6.9	7.5	6.0	12.7
26	2.8	4.2	3.4	4.0	5.6	7.9	6.0	4.1	3.2	11.9	14.5	15.4	15.2	13.4	10.8	13.3	16.8	8.6	8.9	19.8	13.1	4.3	8.1	6.1	9.2	19.8
27	4.7	1.7	2.3	12.4	12.5	5.0	10.4	7.0	2.6	7.4	6.2	5.5	5.9	4.3	6.2	11.5	7.6	7.2	6.5	6.0	6.7	7.4	5.3	6.1	6.6	12.5
28	7.0	8.2	8.3	7.5	9.2	10.7	12.2	11.5	8.1	4.1	6.1	5.6	4.1	3.7	4.4	2.9	2.5	5.7	9.8	11.1	10.3	8.8	6.4	5.6	7.2	12.2
29	3.2	1.3	4.7	6.1	6.6	8.2	11.2	12.0	8.6	5.3	5.0	6.8	7.1	9.4	9.2	8.5	5.7	5.0	4.8	3.9	3.6	4.6	4.0	2.2	6.1	12.0
30	3.2	1.7	2.0	3.1	2.5	2.8	3.2	2.1	2.2	4.7	3.4	4.5	3.7	6.0	4.3	2.6	4.3	5.4	3.5	3.4	2.3	1.8	2.8	1.9	3.2	6.0
31	.6	1.4	1.2	2.5	1.4	2.2	1.9	1.9	3.7	4.7	4.4	4.2	3.6	2.6	2.4	2.8	1.4	3.2	3.9	4.3	5.2	4.9	6.2	3.5	3.1	6.2
AV	5.4	4.9	4.8	6.0	5.6	5.8	5.5	5.1	4.0	5.5	5.9	6.5	6.9	6.6	6.5	6.4	5.7	5.2	5.6	7.1	7.2	6.7	6.2	5.8	5.9	22.5
SD	2.2	2.1	2.0	2.4	2.6	2.3	2.6	2.7	1.8	2.2	2.4	2.6	2.6	2.6	2.2	3.1	4.1	3.2	3.3	4.9	4.5	3.7	2.5	2.2	3.0	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

NOV, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.8	2.6	3.5	4.6	3.7	3.0	3.4	1.9	2.6	5.0	4.8	4.5	3.0	3.1	3.5	10.2	7.0	5.2	3.2	2.9	2.5	3.8	4.2	7.5	4.1	10.2
2	4.5	1.7	4.2	3.3	3.0	1.8	3.0	3.2	5.0	4.3	5.9	9.2	8.3	5.5	6.3	6.5	6.5	5.8	6.3	7.4	6.2	9.3	10.5	10.1	5.7	10.5
3	10.2	4.7	6.8	4.7	6.2	6.8	6.1	4.9	3.1	6.0	4.7	5.6	4.8	3.3	3.9	3.2	5.1	4.1	2.9	3.3	4.5	4.1	3.3	5.3	4.9	10.2
4	4.7	6.5	5.6	6.0	5.5	4.5	3.1	3.4	1.8	2.8	4.9	4.1	5.3	5.1	5.4	8.4	6.5	5.2	2.0	3.9	3.4	4.4	4.1	4.9	4.6	8.4
5	4.8	3.7	3.5	3.7	3.5	4.5	2.8	5.3	3.2	2.8	3.1	2.5	4.0	4.2	4.3	5.6	6.6	5.0	3.1	2.8	2.5	3.4	5.7	6.8	4.1	6.8
6	5.1	3.3	5.1	2.4	3.0	3.7	2.2	3.1	2.1	3.1	3.1	5.1	5.0	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	3.6	5.1
7	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
8	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
9	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	12.2	13.7	12.8	3.7	4.7	3.8	5.4	7.0	3.8	4.1	7.1	13.7
10	3.6	3.1	3.7	2.5	2.9	3.8	3.6	6.9	4.5	8.0	15.7	13.8	14.0	12.1	7.0	10.3	14.2	11.7	4.2	4.5	1.6	.8	[RF]	[RF]	6.9	15.7
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	4.2	3.9	4.4	4.6	6.5	7.0	4.2	9.9	11.6	11.9	9.5	8.1	4.9	5.1	6.6	6.8	11.9
12	5.1	5.0	9.3	13.2	13.2	13.9	12.4	12.8	6.8	8.3	6.3	3.8	3.2	3.4	3.2	2.9	2.2	2.6	4.8	10.1	6.5	5.6	6.5	9.9	7.1	13.9
13	6.0	5.5	6.7	4.0	3.9	2.6	3.2	3.2	2.9	4.8	4.3	5.9	7.6	14.6	21.5	18.6	22.4	21.1	13.0	4.4	5.2	3.1	4.7	4.6	8.1	22.4
14	4.4	15.1	6.5	2.9	5.5	4.1	3.4	4.1	3.5	3.1	4.3	5.4	5.2	5.1	7.5	6.2	1.8	.7	2.9	5.0	4.7	6.1	7.5	4.8	5.0	15.1
15	2.8	4.0	4.4	4.2	3.1	2.7	3.4	2.8	1.8	2.8	3.6	4.4	4.8	5.7	3.7	4.8	6.6	4.0	5.6	2.1	2.2	3.4	2.3	5.3	3.8	6.6
16	3.3	5.2	4.0	3.6	3.0	2.7	3.1	2.6	3.4	2.4	4.1	4.2	4.2	4.1	2.9	2.9	2.3	1.5	2.0	2.1	1.9	1.4	2.5	3.4	3.0	5.2
17	3.6	3.5	2.5	3.9	3.0	2.4	1.8	1.4	3.1	3.7	4.9	4.4	3.8	3.1	3.3	3.4	4.2	3.1	1.9	1.9	1.3	2.1	3.0	2.2	3.0	4.9
18	3.3	3.0	3.6	2.1	2.0	3.9	3.1	3.5	2.4	3.2	3.9	4.7	4.1	5.7	6.3	12.3	12.6	9.9	6.8	7.5	10.0	10.4	13.9	13.6	6.3	13.9
19	16.2	14.8	15.4	12.1	11.1	9.2	8.7	12.2	13.3	17.0	18.5	9.8	8.2	10.8	7.9	6.9	6.7	3.1	3.7	4.5	5.1	5.4	6.1	7.2	9.7	18.5
20	5.8	7.0	4.8	8.4	5.9	4.6	4.3	4.2	5.0	3.7	4.4	5.9	6.2	6.3	4.2	4.0	3.1	4.9	7.8	8.3	8.7	3.2	3.7	3.6	5.3	8.7
21	5.9	4.0	5.4	3.6	5.8	5.5	10.3	7.4	8.6	5.3	7.6	6.4	5.9	7.0	6.8	6.7	3.5	2.4	5.4	5.8	5.5	7.5	3.7	2.0	5.8	10.3
22	3.1	3.6	2.2	3.0	2.4	2.8	2.6	2.2	2.6	2.1	2.0	3.1	3.1	2.0	7.9	7.4	3.4	3.4	3.0	5.6	5.4	2.9	2.0	4.5	3.4	7.9
23	3.7	2.4	3.9	3.4	2.4	4.3	4.2	7.1	6.8	4.2	4.0	7.1	6.6	5.8	7.4	4.4	2.8	1.7	2.4	2.6	3.5	7.9	5.5	6.5	4.6	7.9
24	7.5	6.0	6.3	4.3	6.4	5.4	4.9	2.4	1.1	2.9	4.3	3.8	5.4	5.0	3.9	3.4	1.0	1.9	1.9	1.2	1.3	1.6	3.2	2.9	3.7	7.5
25	2.8	2.6	1.7	3.3	2.5	3.1	2.6	5.8	5.8	2.0	4.3	6.1	3.7	3.0	3.4	4.5	3.7	2.3	3.1	5.2	6.8	3.8	3.1	5.3	3.8	6.8
26	4.7	2.5	3.2	3.0	3.5	3.4	1.8	3.8	3.1	3.8	4.2	5.6	5.1	4.8	2.6	2.0	2.6	2.3	2.0	3.2	4.5	5.1	7.5	7.1	3.8	7.5
27	2.9	6.2	4.7	3.8	7.0	5.7	3.0	3.0	4.8	1.9	3.3	5.3	4.9	6.2	7.5	7.3	3.9	3.4	3.6	2.1	3.1	2.8	2.3	2.5	4.2	7.5
28	3.2	3.2	2.6	3.0	4.3	4.0	3.4	3.1	3.5	3.9	2.3	3.2	2.5	3.0	4.9	4.7	3.6	3.5	2.6	3.7	4.1	3.1	3.4	3.5	3.4	4.9
29	1.5	1.7	1.3	2.6	3.2	1.4	2.6	7.0	6.3	2.2	2.6	5.1	5.6	2.5	2.7	6.2	4.3	3.1	6.5	4.2	5.1	2.8	3.3	4.8	3.7	7.0
30	12.6	9.6	4.3	4.3	6.1	6.6	3.2	3.2	3.6	8.2	14.0	16.1	22.6	28.2	18.0	15.8	7.7	4.3	10.6	13.4	11.4	16.8	22.1	22.6	11.9	28.2
AV	5.2	5.0	4.8	4.5	4.7	4.5	4.1	4.6	4.3	4.5	5.5	5.9	6.0	6.4	6.5	6.9	6.2	4.9	4.7	4.9	4.8	4.9	5.5	6.2	5.2	29.2
SD	3.3	3.4	2.8	2.7	2.7	2.6	2.6	2.9	2.6	3.1	4.0	3.1	4.0	5.3	4.4	4.2	4.7	4.3	3.1	2.9	2.6	3.3	4.3	4.3	3.6	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

DEC, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	16.8	22.1	19.8	18.7	20.0	14.7	15.0	12.1	11.7	13.3	11.6	8.8	9.7	10.7	9.8	7.0	8.6	5.7	5.7	6.5	5.9	5.0	6.2	3.7	11.2	22.1
2	6.1	7.1	7.2	8.9	9.6	6.5	6.2	4.5	4.5	9.7	11.2	10.4	8.5	7.0	6.6	6.3	5.2	8.9	12.0	6.2	4.2	2.4	2.5	5.0	6.9	12.0
3	5.3	3.6	5.0	3.7	4.2	4.0	7.8	5.3	5.0	4.3	3.6	3.2	6.3	6.1	6.3	7.7	5.8	4.9	3.7	1.4	1.3	2.2	2.1	2.8	4.4	7.8
4	2.5	3.4	5.1	3.5	2.5	2.5	2.7	4.5	3.3	3.9	5.7	7.1	5.4	4.3	3.3	2.5	6.2	3.7	2.9	3.7	3.8	3.2	2.0	3.6	3.8	7.1
5	4.5	9.0	4.2	7.4	6.5	5.3	6.1	5.0	3.2	4.5	6.0	6.0	5.7	4.3	3.1	4.7	3.1	2.6	2.8	1.7	3.1	3.2	3.1	3.2	4.5	9.0
6	2.7	3.5	3.8	3.3	3.0	2.9	4.1	2.9	2.6	3.2	4.5	9.5	6.5	4.9	6.1	4.3	2.8	2.7	4.7	6.4	1.7	1.4	1.9	4.2	3.9	9.5
7	4.0	2.8	3.8	3.3	3.8	5.9	4.7	3.2	2.6	1.2	1.9	5.1	6.1	4.3	7.6	8.3	6.4	6.4	7.2	10.1	10.5	11.4	8.6	8.3	5.7	11.4
8	10.8	10.1	10.4	8.8	11.3	9.3	9.7	6.9	5.2	3.4	3.1	4.7	4.8	3.2	4.4	4.8	6.1	5.4	4.5	1.6	2.1	3.3	2.0	2.2	5.8	11.3
9	3.7	5.2	4.0	2.6	2.9	2.5	1.2	1.9	2.6	2.2	2.0	1.8	4.0	4.4	5.8	.5	3.8	5.4	7.2	4.2	2.0	1.4	1.5	2.4	3.1	7.2
10	2.3	2.4	3.1	2.3	2.1	3.7	3.9	3.6	3.7	5.3	4.3	5.3	5.9	4.7	3.3	3.6	1.6	.4	2.3	2.2	2.0	2.8	1.5	2.3	3.1	5.9
11	4.1	3.7	2.0	2.1	1.8	3.3	1.4	1.3	2.0	1.9	2.3	2.9	3.8	4.0	6.8	6.5	5.7	5.3	2.3	1.2	2.9	3.3	6.6	6.5	3.5	6.8
12	6.0	5.6	5.6	5.6	3.8	2.8	2.9	2.6	2.4	4.5	5.2	4.4	1.7	2.9	3.2	3.8	1.5	.7	2.3	2.2	1.1	3.9	1.8	3.8	3.3	6.0
13	5.0	4.7	1.1	1.3	2.1	4.5	5.2	2.8	5.2	2.8	4.5	3.0	3.9	5.4	8.1	5.2	2.9	5.0	6.1	6.5	5.7	4.3	4.3	6.5	4.4	8.1
14	9.5	5.2	6.5	5.2	5.5	5.0	7.6	10.5	9.6	11.7	9.3	7.2	3.3	3.9	4.1	3.2	3.3	1.8	2.0	1.9	4.5	4.2	5.0	4.2	5.6	11.7
15	2.9	3.7	2.0	2.8	2.4	3.1	3.2	5.4	2.6	2.6	3.4	2.5	3.5	3.6	3.4	3.8	4.3	2.8	2.8	1.8	1.9	2.0	3.0	4.3	3.1	5.4
16	3.1	2.9	2.2	5.3	3.5	1.9	1.6	2.3	2.6	2.3	4.2	3.8	4.7	2.9	4.3	4.0	2.6	5.0	3.2	3.0	2.8	3.3	3.1	2.7	3.2	5.3
17	2.8	3.1	5.6	4.7	4.5	3.5	3.5	1.6	4.2	3.5	4.4	4.7	2.8	4.2	3.2	4.2	3.0	2.2	1.4	2.8	2.4	4.3	5.9	7.5	3.6	7.5
18	3.1	6.1	3.2	3.6	3.8	4.1	5.0	2.7	1.9	4.5	3.0	4.7	8.1	5.4	2.5	2.8	4.0	7.0	8.8	9.2	6.4	6.7	4.9	4.5	4.8	9.2
19	2.0	2.9	3.6	3.3	3.1	3.9	3.1	2.0	2.5	1.7	2.4	4.1	3.2	4.0	3.4	3.4	3.6	2.6	2.3	1.5	2.0	3.7	3.3	2.6	2.9	4.1
20	3.3	2.2	2.2	2.6	3.3	3.8	2.4	5.8	5.6	4.5	2.0	3.8	3.4	3.6	2.8	2.1	2.0	4.0	2.8	3.3	4.1	3.9	5.3	4.5	3.5	5.8
21	2.6	2.8	2.3	2.3	2.4	2.2	1.7	2.5	2.7	2.9	2.8	5.3	3.7	1.7	2.4	2.6	3.6	2.3	4.8	5.0	9.7	5.7	2.8	3.8	3.4	9.7
22	2.7	4.8	2.9	3.5	3.3	3.2	2.8	4.7	5.4	8.8	8.4	8.0	8.7	9.3	9.8	10.3	13.2	8.9	5.3	2.5	3.3	4.4	3.3	3.5	5.9	13.2
23	7.0	10.1	9.8	12.7	10.4	9.5	8.7	14.8	4.9	4.4	4.2	2.3	2.3	8.6	10.0	4.7	4.3	4.8	2.3	3.1	3.9	9.3	4.7	4.2	6.7	14.8
24	6.5	4.7	2.3	2.0	3.8	10.3	5.8	6.1	7.7	6.3	5.4	5.2	6.2	7.2	7.3	8.8	10.1	7.4	7.9	7.8	6.5	6.7	6.4	3.5	6.3	10.3
25	3.5	6.0	9.3	4.0	4.1	2.5	2.5	2.4	2.1	2.4	4.2	5.0	7.2	6.2	4.0	2.8	3.1	4.5	2.8	3.6	5.9	9.3	7.4	8.1	4.7	9.3
26	8.2	9.5	8.1	7.8	6.5	6.1	6.5	5.7	5.2	5.1	3.4	4.6	3.6	4.8	5.9	5.6	4.2	4.7	3.2	3.5	2.4	4.7	4.5	5.3	5.4	9.5
27	7.8	5.7	5.1	5.7	5.8	5.7	7.4	3.9	3.8	2.5	2.6	6.8	4.4	3.0	4.5	10.2	4.5	2.4	1.7	4.1	4.1	5.3	5.8	4.4	4.9	10.2
28	2.2	3.7	2.4	2.8	3.2	4.5	5.9	3.5	1.9	2.8	2.8	2.5	3.3	2.3	4.0	3.2	2.4	3.1	2.3	2.0	1.6	3.8	2.0	3.3	3.0	5.9
29	3.8	3.9	4.1	4.7	3.9	4.0	4.9	3.2	3.0	4.9	2.1	3.5	4.1	3.3	3.3	4.9	5.4	3.2	2.1	1.9	2.3	1.5	2.1	3.2	3.5	5.4
30	4.8	3.9	5.6	6.3	6.7	5.6	4.4	5.1	5.0	3.6	2.6	4.4	4.7	4.4	3.5	3.6	.7	2.8	2.0	3.7	8.8	3.5	3.3	4.9	4.3	8.8
31	4.9	4.5	4.8	3.1	2.5	4.3	4.8	4.5	4.3	2.6	2.6	4.8	3.4	3.5	3.9	6.2	4.7	1.9	3.0	2.0	1.8	1.7	2.4	5.2	3.6	6.2
AV	5.0	5.4	5.1	5.0	4.9	4.9	4.9	4.6	4.2	4.4	4.4	5.0	4.9	4.8	5.1	4.9	4.5	4.1	4.0	3.8	3.9	4.3	3.8	4.3	4.6	22.1
SD	3.1	3.8	3.6	3.6	3.7	2.8	2.9	3.0	2.2	2.9	2.6	2.1	2.0	2.0	2.3	2.4	2.6	2.1	2.5	2.4	2.5	2.4	1.9	1.6	2.7	[ ]

QHOUT -- OU000 <811111.1807>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JAN, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	322	326	357	299	305	297	127	328	113	237	126	134	15
12	109	129	118	114	123	117	314	215	111	265	88	329	308	310	301	316	325	50	311	184	120	140	150	175	6
13	133	101	120	133	146	141	146	147	154	156	164	162	291	289	296	324	354	9	156	143	145	140	109	114	7
14	143	137	135	126	130	124	123	127	131	130	40	330	319	309	308	299	288	193	132	130	233	4	105	291	7
15	280	51	136	236	211	135	124	148	149	146	216	296	284	319	305	276	220	214	122	43	123	125	137	126	7
16	122	108	109	151	140	139	121	121	141	115	121	237	279	301	285	255	251	210	186	193	167	173	168	130	7
17	185	184	175	170	177	177	204	213	225	244	185	288	325	301	300	227	198	175	164	168	170	209	199	292	9
18	217	184	183	201	210	279	301	286	264	169	172	185	170	200	303	177	201	212	178	230	201	185	246	132	10
19	123	171	177	201	4	98	298	327	0	306	242	305	290	308	241	245	232	221	213	166	188	282	281	209	10
20	94	113	116	123	104	134	225	267	133	126	181	237	191	196	191	195	179	160	172	190	94	93	97	138	9
21	138	148	146	145	139	143	144	143	135	143	249	301	299	276	198	146	148	162	166	245	299	230	260	283	7
22	279	321	34	132	132	137	114	270	266	276	275	298	286	286	271	272	275	272	275	292	160	162	182	170	14
23	152	149	148	133	128	143	148	187	225	334	353	327	299	306	325	342	98	141	150	156	156	149	157	302	8
24	283	210	154	323	293	271	124	100	114	299	310	301	284	64	306	318	107	131	143	159	117	143	125	117	7
25	151	135	132	123	108	118	128	159	120	265	108	305	307	316	301	295	207	142	326	349	299	279	157	153	7
26	126	124	122	223	238	117	107	91	116	214	307	314	297	296	280	318	288	242	301	276	81	261	221	182	14
27	166	165	264	288	289	273	284	287	285	298	258	318	306	315	344	77	304	330	313	123	136	125	146	117	14
28	108	123	274	110	115	125	261	163	273	302	271	122	284	313	309	293	288	295	249	141	280	292	221	193	14
29	150	67	278	297	144	160	294	275	275	278	277	290	295	297	287	289	301	309	38	109	136	121	118	129	14
30	115	117	110	111	112	108	108	112	101	224	312	310	301	300	288	292	11	327	335	41	120	149	122	126	6
31	268	263	113	117	119	136	31	133	129	285	306	313	297	315	326	288	282	275	306	27	133	115	163	132	7
PV	7	7	7	7	7	7	7	7	7	13	[VA]	15	14	14	14	14	14	10	8	8	7	7	8	7	7

QHOUT -- QU001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JAN, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	NW	NW	N	WNW	NW	WNW	SE	NNW	ESE	WSW	SE	SE	NW
12	ESE	SE	ESE	ESE	ESE	ESE	NW	SW	ESE	W	E	NNW	NW	NW	WNW	NW	NW	NE	NW	S	ESE	SE	SSE	S	ESE
13	SE	E	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	WNW	WNW	WNW	NW	N	N	SSE	SE	SE	SE	ESE	ESE	SE
14	SE	SE	SE	SE	SE	SE	ESE	SE	SE	SE	NE	NNW	NW	NW	NW	WNW	WNW	SSW	SE	SE	SW	N	ESE	WNW	SE
15	W	NE	SE	SW	SSW	SE	SE	SSE	SSE	SE	SW	WNW	WNW	NW	NW	W	SW	SW	ESE	NE	ESE	SE	SE	SE	SE
16	ESE	ESE	ESE	SSE	SE	SE	ESE	ESE	SE	ESE	ESE	WSW	W	WNW	WNW	WSW	WSW	SSW	S	SSW	SSE	S	SSE	SE	SE
17	S	S	S	S	S	S	SSW	SSW	SW	WSW	S	WNW	NW	WNW	WNW	SW	SSW	S	SSE	SSE	S	SSW	SSW	WNW	S
18	SW	S	S	SSW	SSW	W	WNW	WNW	W	S	S	S	S	SSW	WNW	S	SSW	SSW	S	SW	SSW	S	WSW	SE	SSW
19	ESE	S	S	SSW	N	E	WNW	NNW	N	NW	WSW	NW	WNW	NW	WSW	WSW	SW	SW	SSW	SSE	S	WNW	W	SSW	SSW
20	E	ESE	ESE	ESE	ESE	SE	SW	W	SE	SE	S	WSW	S	SSW	S	SSW	S	SSE	S	S	E	E	E	SE	S
21	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	WSW	WNW	WNW	W	SSW	SE	SSE	SSE	SSE	WSW	WNW	SW	W	WNW	SE
22	W	NW	NE	SE	SE	SE	ESE	W	W	W	W	WNW	WNW	WNW	W	W	W	W	W	WNW	SSE	SSE	S	S	WNW
23	SSE	SSE	SSE	SE	SE	SE	SSE	S	SW	NNW	N	NNW	WNW	NW	NW	NNW	E	SE	SSE	SSE	SSE	SSE	SSE	WNW	SSE
24	WNW	SSW	SSE	NW	WNW	W	SE	E	ESE	WNW	NW	WNW	WNW	ENE	NW	NW	ESE	SE	SE	SSE	ESE	SE	SE	ESE	SE
25	SSE	SE	SE	ESE	ESE	ESE	SE	SSE	ESE	W	ESE	NW	NW	NW	WNW	WNW	SSW	SE	NW	N	WNW	W	SSE	SSE	SE
26	SE	SE	ESE	SW	WSW	ESE	ESE	E	ESE	SW	NW	NW	WNW	WNW	W	NW	WNW	WSW	WNW	W	E	W	SW	S	WNW
27	SSE	SSE	W	WNW	WNW	W	WNW	WNW	WNW	WNW	WSW	NW	NW	NW	NNW	ENE	NW	NNW	NW	ESE	SE	SE	SE	ESE	WNW
28	ESE	ESE	W	ESE	ESE	SE	W	SSE	W	WNW	W	ESE	WNW	NW	NW	WNW	WNW	WNW	WSW	SE	W	WNW	SW	SSW	WNW
29	SSE	ENE	W	WNW	SE	SSE	WNW	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	NW	NE	ESE	SE	ESE	ESE	SE	WNW
30	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	SW	NW	NW	WNW	WNW	WNW	WNW	N	NNW	NNW	NE	ESE	SSE	ESE	SE	ESE
31	W	W	ESE	ESE	ESE	SE	NNE	SE	SE	WNW	NW	NW	WNW	NW	NW	WNW	WNW	W	NW	NNE	SE	ESE	SSE	SE	SE
PV	SE	SE	SE	SE	SE	SE	SE	SE	SE	W	[VA]	NW	WNW	WNW	WNW	WNW	WNW	SSW	SSE	SSE	SE	SE	SSE	SE	SE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	300	17	299	305	105	247	224	146	108	320	310	95	91	304	296	298	337	3	57	81	87	50	81	314	15
2	345	132	126	181	281	141	119	206	199	133	310	286	308	288	110	90	81	129	147	141	154	148	169	150	7
3	165	158	157	149	103	115	149	159	157	128	153	167	57	334	327	8	51	85	83	94	107	99	[RF]	[RF]	8
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	323	289	139	356	111	214	336	56	115	132	139	120	116	6
12	130	128	112	128	145	127	116	128	121	326	311	312	304	307	306	305	299	295	11	133	115	115	254	122	7
13	105	114	153	121	134	57	118	117	53	358	328	316	300	308	308	293	54	332	146	271	305	301	240	126	15
14	33	25	128	313	99	101	136	326	310	312	323	319	317	310	297	294	290	294	125	127	142	139	151	136	15
15	132	153	295	97	142	139	120	122	144	83	96	314	308	316	314	330	48	155	152	141	136	137	151	160	7
16	135	157	154	253	117	206	208	135	190	188	192	303	307	302	301	110	123	149	168	135	146	153	50	105	8
17	156	126	170	131	145	129	133	120	140	300	312	306	305	304	321	323	292	262	273	103	307	289	341	241	15
18	83	145	137	135	159	206	140	52	130	278	325	58	313	305	304	310	305	291	268	296	124	128	137	150	7
19	140	144	117	150	173	120	119	121	132	313	334	317	315	307	311	4	6	323	292	176	145	306	166	150	15
20	138	121	129	139	207	137	134	130	140	41	316	310	302	296	312	293	297	280	271	278	137	100	123	120	7
21	138	125	143	124	119	168	141	306	20	142	320	314	308	311	309	316	314	285	275	316	115	122	143	124	7
22	125	130	115	141	119	130	168	155	310	284	318	307	299	327	336	330	312	295	172	141	152	206	173	234	[VA]
23	170	174	177	175	165	199	280	207	133	139	285	314	283	274	279	281	288	313	339	291	280	136	95	134	13
24	119	119	126	108	111	102	107	119	119	332	317	315	324	317	320	326	0	14	28	11	291	147	125	125	6
25	132	137	322	125	126	336	116	117	105	325	306	338	314	323	304	325	319	322	299	141	117	139	138	131	[VA]
26	130	125	133	137	125	124	134	130	320	331	325	313	307	351	94	147	144	151	145	154	154	152	154	157	7
27	114	117	106	137	163	150	155	179	190	310	315	308	315	298	318	130	143	152	154	163	158	155	121	117	6
28	132	137	146	141	124	136	128	139	23	317	320	319	307	332	319	299	184	130	136	151	187	163	166	142	7
PV	7	7	7	7	7	7	7	7	7	15	15	15	15	15	15	15	15	14	8	7	7	7	7	7	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

FEB, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	WNW	NNE	WNW	NW	ESE	WSW	SW	SE	ESE	NW	NW	E	E	NW	WNW	WNW	NNW	N	ENE	E	E	NE	E	NW	NW
2	NNW	SE	SE	S	W	SE	ESE	SSW	SSW	SE	NW	WNW	NW	WNW	ESE	E	E	SE	SSE	SE	SSE	SSE	S	SSE	SE
3	SSE	SSE	SSE	SSE	ESE	ESE	SSE	SSE	SSE	SE	SSE	SSE	ENE	NNW	NNW	N	NE	E	E	E	ESE	E	[RF]	[RF]	SSE
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	NW	WNW	SE	N	ESE	SW	NNW	NE	ESE	SE	SE	ESE	ESE	ESE
12	SE	SE	ESE	SE	SE	SE	ESE	SE	ESE	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	N	SE	ESE	ESE	WSW	ESE	SE
13	ESE	ESE	SSE	ESE	SE	ENE	ESE	ESE	NE	N	NNW	NW	WNW	NW	NW	WNW	NE	NNW	SE	W	NW	WNW	WSW	SE	NW
14	NNE	NNE	SE	NW	E	E	SE	NW	NW	NW	NW	NW	NW	NW	WNW	WNW	WNW	WNW	SE	SE	SE	SE	SSE	SE	NW
15	SE	SSE	WNW	E	SE	SE	ESE	ESE	SE	E	E	NW	NW	NW	NW	NNW	NE	SSE	SSE	SE	SE	SE	SSE	SSE	SE
16	SE	SSE	SSE	WSW	ESE	SSW	SSW	SE	S	S	SSW	WNW	NW	WNW	WNW	ESE	ESE	SSE	SSE	SE	SE	SSE	NE	ESE	SSE
17	SSE	SE	S	SE	SE	SE	SE	ESE	SE	WNW	NW	NW	NW	NW	NW	NW	WNW	W	W	ESE	NW	WNW	NNW	WSW	NW
18	E	SE	SE	SE	SSE	SSW	SE	NE	SE	W	NW	ENE	NW	NW	NW	NW	NW	WNW	W	WNW	SE	SE	SE	SSE	SE
19	SE	SE	ESE	SSE	S	ESE	ESE	ESE	SE	NW	NNW	NW	NW	NW	NW	N	N	NW	WNW	S	SE	NW	SSE	SSE	NW
20	SE	ESE	SE	SE	SSW	SE	SE	SE	SE	NE	NW	NW	WNW	WNW	NW	WNW	WNW	W	W	W	SE	E	ESE	ESE	SE
21	SE	SE	SE	SE	ESE	SSE	SE	NW	NNE	SE	NW	NW	NW	NW	NW	NW	NW	WNW	W	NW	ESE	ESE	SE	SE	SE
22	SE	SE	ESE	SE	ESE	SE	SSE	SSE	NW	WNW	NW	NW	WNW	NNW	NNW	NNW	NW	WNW	S	SE	SSE	SSW	S	SW	[VA]
23	S	S	S	S	SSE	SSW	W	SSW	SE	SE	WNW	NW	WNW	W	W	W	WNW	NW	NNW	WNW	W	SE	E	SE	W
24	ESE	ESE	SE	ESE	ESE	ESE	ESE	ESE	ESE	NNW	NW	NW	NW	NW	NW	NW	N	NNE	NNE	N	WNW	SSE	SE	SE	ESE
25	SE	SE	NW	SE	SE	NNW	ESE	ESE	ESE	NW	NW	NNW	NW	NW	NW	NW	NW	NW	WNW	SE	ESE	SE	SE	SE	[VA]
26	SE	SE	SE	SE	SE	SE	SE	SE	NW	NNW	NW	NW	NW	N	E	SSE	SE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SE
27	ESE	ESE	ESE	SE	SSE	SSE	SSE	S	S	NW	NW	NW	NW	WNW	NW	SE	SE	SSE	SSE	SSE	SSE	SSE	ESE	ESE	SSE
28	SE	SE	SE	SE	SE	SE	SE	SE	NNE	NW	NW	NW	NW	NNW	NW	WNW	S	SE	SE	SSE	S	SSE	SSE	SE	SE
PV	SE	SE	SE	SE	SE	SE	SE	SE	SE	NW	NW	NW	NW	NW	NW	NW	NW	WNW	SSE	SE	SE	SE	SE	SE	SE

WNOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
* AS OF 30/MAR/83   *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	141	137	137	131	151	157	140	161	154	285	317	319	234	168	172	201	174	175	175	185	184	175	179	195	9
2	207	198	187	243	218	126	85	125	148	210	223	228	219	226	236	210	36	95	143	98	101	41	358	16	11
3	332	96	148	153	238	289	281	246	152	354	98	325	82	135	188	145	270	345	341	313	347	61	268	207	16
4	143	179	132	132	134	136	154	144	154	157	180	290	293	289	300	286	292	284	270	284	323	306	140	270	14
5	133	125	180	141	306	130	142	346	316	310	319	316	275	288	330	332	30	198	177	167	90	131	126	144	[VA]
6	159	154	149	157	152	150	156	136	138	85	225	271	305	299	289	263	318	325	56	141	154	158	235	200	8
7	161	133	165	145	128	133	139	19	105	325	341	78	311	316	303	315	315	93	287	177	151	151	168	154	8
8	130	125	115	120	124	121	126	122	197	166	302	308	313	327	316	325	350	130	237	225	206	194	207	192	7
9	197	131	116	114	170	136	190	212	280	314	319	302	302	289	279	269	267	266	195	182	176	179	174	179	9
10	187	306	297	224	130	117	119	103	231	300	292	280	272	324	303	252	238	202	214	264	305	135	254	136	14
11	152	161	178	238	37	16	54	12	203	132	172	173	175	172	173	181	181	177	175	185	178	171	172	169	9
12	173	177	241	301	290	290	291	305	306	313	308	318	312	319	319	315	310	311	324	336	46	122	134	125	15
13	126	114	124	125	128	128	125	141	304	292	321	306	314	323	317	319	318	327	294	213	132	152	153	139	7
14	149	153	146	133	[VA]	137	131	129	141	323	314	338	294	163	165	173	169	161	169	175	170	186	183	155	9
15	179	181	201	307	134	143	164	186	175	234	238	267	274	221	267	205	213	261	234	169	163	174	179	192	10
16	295	232	157	148	161	159	195	149	150	177	172	177	171	168	172	175	175	212	183	278	307	334	122	267	9
17	194	176	175	183	174	248	299	90	44	330	320	257	248	213	242	190	190	180	164	150	152	138	134	141	9
18	123	143	154	137	145	130	132	135	124	169	166	168	162	167	171	174	195	247	308	306	336	84	162	291	8
19	196	172	186	179	181	171	166	174	227	272	295	303	274	277	298	310	298	306	306	298	283	277	274	197	14
20	219	208	134	197	183	176	262	238	316	295	283	303	302	321	326	329	329	326	321	313	312	303	299	304	15
21	292	320	111	119	117	125	122	97	335	319	324	307	315	317	318	313	299	152	155	156	155	250	266	143	15
22	115	119	126	130	123	123	125	134	108	339	317	321	314	327	311	320	314	328	9	140	307	308	314	295	15
23	132	168	159	137	138	214	222	254	293	287	301	303	308	323	314	323	322	332	359	89	117	124	126	134	15
24	135	141	129	134	131	179	128	126	139	261	328	328	308	299	294	311	323	321	309	307	310	2	105	100	15
25	106	109	93	88	208	121	201	314	323	312	315	305	316	302	306	311	323	347	348	308	120	133	155	146	15
26	142	110	196	292	19	322	299	124	135	152	173	86	354	312	347	335	340	277	237	109	135	149	211	168	7
27	150	174	142	121	161	151	146	143	152	118	322	318	290	280	299	272	275	213	155	155	164	188	193	190	8
28	175	164	148	155	177	170	149	143	152	175	178	174	177	177	157	177	177	172	179	199	188	190	168	184	9
29	177	185	205	185	297	208	248	314	310	359	266	143	219	294	272	250	256	286	295	291	276	231	154	121	14
30	104	164	219	131	154	210	221	248	271	279	279	277	282	295	303	294	283	296	297	209	145	149	154	142	14
31	157	175	118	146	135	317	311	306	5	339	253	229	249	208	201	201	190	178	168	175	172	163	153	154	9
PV	8	7	8	7	8	7	7	7	8	15	15	14	14	14	14	15	15	15	[VA]	9	8	8	8	7	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	SE	SE	SE	SSE	SSE	SE	SSE	SSE	WNW	NW	NW	SW	SSE	S	SSW	S	S	S	S	S	S	S	SSW	S
2	SSW	SSW	S	WSW	SW	SE	E	SE	SSE	SSW	SW	SW	SW	SW	SW	SSW	NE	E	SE	E	E	NE	N	NNE	SW
3	NNW	E	SSE	SSE	WSW	WNW	W	WSW	SSE	N	E	NW	E	SE	S	SE	W	NNW	NNW	NW	NNW	ENE	W	SSW	NNW
4	SE	S	SE	SE	SE	SE	SSE	SE	SSE	SSE	S	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	WNW	NW	NW	SE	W	WNW
5	SE	SE	S	SE	NW	SE	SE	NNW	NW	NW	NW	NW	W	WNW	NNW	NNW	NNE	SSW	S	SSE	E	SE	SE	SE	[VA]
6	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	E	SW	W	NW	WNW	WNW	W	NW	NW	NE	SE	SSE	SSE	SW	SSW	SSE
7	SSE	SE	SSE	SE	SE	SE	SE	NNE	ESE	NW	NNW	ENE	NW	NW	WNW	NW	NW	E	WNW	S	SSE	SSE	SSE	SSE	SSE
8	SE	SE	ESE	ESE	SE	ESE	SE	ESE	SSW	SSE	WNW	NW	NW	NNW	NW	NW	N	SE	WSW	SW	SSW	SSW	SSW	SSW	SE
9	SSW	SE	ESE	ESE	S	SE	S	SSW	W	NW	NW	WNW	WNW	WNW	W	W	W	W	SSW	S	S	S	S	S	S
10	S	NW	WNW	SW	SE	ESE	ESE	ESE	SW	WNW	WNW	W	W	NW	WNW	WSW	WSW	SSW	SW	W	NW	SE	WSW	SE	WNW
11	SSE	SSE	S	WSW	NE	NNE	NE	NNE	SSW	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
12	S	S	WSW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NE	ESE	SE	SE	NW
13	SE	ESE	SE	SE	SE	SE	SE	SE	NW	WNW	NW	NW	NW	NW	NW	NW	NW	NNW	WNW	SSW	SE	SSE	SSE	SE	SE
14	SSE	SSE	SE	SE	[VA]	SE	SE	SE	SE	NW	NW	NNW	WNW	SSE	SSE	S	S	SSE	S	S	S	S	S	SSE	S
15	S	S	SSW	NW	SE	SE	SSE	S	S	SW	WSW	W	W	SW	W	SSW	SSW	W	SW	S	SSE	S	S	SSW	SSW
16	WNW	SW	SSE	SSE	SSE	SSE	SSW	SSE	SSE	S	S	S	S	SSE	S	S	S	SSW	S	W	NW	NNW	ESE	W	S
17	SSW	S	S	S	S	WSW	WNW	E	NE	NNW	NW	WSW	WSW	SSW	WSW	S	S	S	SSE	SSE	SSE	SE	SE	SE	S
18	ESE	SE	SSE	SE	SE	SE	SE	SE	SE	S	SSE	SSE	SSE	SSE	S	S	SSW	WSW	NW	NW	NNW	E	SSE	WNW	SSE
19	SSW	S	S	S	S	S	SSE	S	SW	W	WNW	WNW	W	W	WNW	NW	WNW	NW	NW	WNW	WNW	W	W	SSW	WNW
20	SW	SSW	SE	SSW	S	S	W	WSW	NW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	NW	NW	NW	NW	WNW	WNW	NW	NW
21	WNW	NW	ESE	ESE	ESE	SE	ESE	E	NNW	NW	NW	NW	NW	NW	NW	NW	WNW	SSE	SSE	SSE	SSE	WSW	W	SE	NW
22	ESE	ESE	SE	SE	ESE	ESE	SE	SE	ESE	NNW	NW	NW	NW	NNW	NW	NW	NW	NNW	N	SE	NW	NW	NW	WNW	NW
23	SE	SSE	SSE	SE	SE	SW	SW	WSW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	N	E	ESE	SE	SE	SE	NW
24	SE	SE	SE	SE	SE	S	SE	SE	SE	W	NNW	NNW	NW	WNW	WNW	NW	NW	NW	NW	NW	NW	N	ESE	E	NW
25	ESE	ESE	E	E	SSW	ESE	SSW	NW	NW	NW	NW	NW	NW	WNW	NW	NW	NW	NNW	NNW	NW	ESE	SE	SSE	SE	NW
26	SE	ESE	SSW	WNW	NNE	NW	WNW	SE	SE	SSE	S	E	N	NW	NNW	NNW	NNW	W	WSW	ESE	SE	SSE	SSW	SSE	SE
27	SSE	S	SE	ESE	SSE	SSE	SE	SE	SSE	ESE	NW	NW	WNW	W	WNW	W	W	SSW	SSE	SSE	SSE	S	SSW	S	SSE
28	S	SSE	SSE	SSE	S	S	SSE	SE	SSE	S	S	S	S	S	SSE	S	S	S	S	SSW	S	S	SSE	S	S
29	S	S	SSW	S	WNW	SSW	WSW	NW	NW	N	W	SE	SW	WNW	W	WSW	WSW	WNW	WNW	WNW	W	SW	SSE	ESE	WNW
30	ESE	SSE	SW	SE	SSE	SSW	SW	WSW	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	SSW	SE	SSE	SSE	SE	WNW
31	SSE	S	ESE	SE	SE	NW	NW	NW	N	NNW	WSW	SW	WSW	SSW	SSW	SSW	S	S	SSE	S	S	SSE	SSE	SSE	S
PV	SSE	SE	SSE	SE	SSE	SE	SE	SE	SSE	NW	NW	WNW	WNW	WNW	WNW	NW	NW	NW	[VA]	S	SSE	SSE	SSE	SE	SE

WHOUT -- 00004 <811027.141>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

APR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	159	154	167	176	173	182	199	179	167	182	181	188	179	186	177	186	175	199	185	200	242	275	214	249	9
2	297	280	270	265	275	295	292	289	289	292	288	288	292	289	285	274	278	286	277	308	290	165	142	154	14
3	159	180	167	162	179	179	179	181	318	313	315	328	317	283	225	279	277	277	219	172	179	178	175	173	9
4	179	184	179	216	272	256	261	218	210	246	268	264	265	288	302	314	314	313	312	310	311	311	307	319	15
5	292	245	274	152	153	154	153	163	334	295	281	351	336	5	320	356	352	1	74	43	332	257	148	161	1
6	321	263	144	149	125	161	335	122	332	321	319	324	317	260	232	212	186	183	271	276	296	312	323	164	15
7	198	293	190	292	301	312	305	41	10	190	275	313	346	67	309	5	104	71	101	152	160	299	301	153	14
8	129	186	159	145	134	130	135	112	298	298	285	297	285	299	300	308	292	298	305	302	308	299	309	294	14
9	290	281	197	126	131	157	151	153	334	311	306	298	296	306	311	303	311	336	11	85	139	143	150	159	15
10	130	157	158	157	152	141	137	78	321	325	325	321	299	307	312	317	294	280	257	194	160	175	161	154	8
11	92	298	196	204	186	185	177	186	211	268	321	317	321	178	177	164	211	181	234	104	163	170	209	214	9
12	213	223	214	304	271	166	154	93	14	334	332	323	311	315	314	306	303	321	320	309	306	145	121	132	15
13	166	118	143	137	129	128	118	85	337	317	328	329	308	318	325	290	281	237	202	185	161	160	153	143	7
14	151	265	329	300	316	327	323	273	324	279	314	307	283	271	260	281	282	305	322	304	134	146	154	157	15
15	161	177	332	320	121	69	31	242	286	312	306	308	313	314	315	314	309	312	310	324	315	314	306	124	15
16	77	96	100	95	99	99	108	103	64	61	122	34	329	301	290	274	311	318	322	324	116	134	123	130	5
17	136	133	123	124	130	136	130	77	326	321	317	318	324	296	318	310	310	308	292	238	218	257	134	100	15
18	112	139	132	126	124	122	121	96	312	302	306	304	299	307	308	306	305	298	299	299	304	297	321	330	15
19	333	301	303	295	285	221	112	311	322	318	312	285	301	326	27	345	332	334	328	62	57	65	73	57	14
20	66	45	29	337	329	321	359	83	77	64	76	50	348	335	340	350	15	6	86	34	39	16	22	55	3
21	58	155	121	306	265	309	26	330	351	58	75	94	72	83	88	78	80	85	88	127	139	111	98	290	5
22	107	140	85	200	128	118	113	323	324	331	310	315	301	305	297	315	317	325	304	299	257	159	146	171	15
23	227	223	227	180	155	134	142	136	146	147	152	115	126	197	148	186	176	183	187	161	160	143	141	154	8
24	154	153	152	148	163	147	146	296	314	92	305	335	301	320	314	306	315	297	305	284	281	275	269	201	15
25	123	121	130	144	128	127	132	95	315	322	285	282	285	295	244	298	299	291	216	292	288	209	121	114	14
26	99	124	124	144	221	134	140	134	172	262	288	230	170	316	302	261	97	85	335	86	126	191	164	167	7
27	270	142	280	313	120	208	134	326	315	312	315	310	290	329	288	300	313	44	61	129	97	50	106	117	15
28	121	120	124	157	121	126	109	97	328	307	308	301	310	302	298	315	346	77	146	155	160	159	144	142	7
29	138	152	230	297	288	297	292	213	138	304	342	66	84	83	69	79	87	93	105	108	126	119	107	123	6
30	119	108	101	98	128	126	285	309	343	0	321	312	296	303	292	297	316	318	348	62	98	137	134	145	14
PV [VA]	7	7	9	7	8	7	5	15	14	15	15	15	15	15	15	14	15	15	14	8	8	7	7	14	

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

APR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SSE	S	S	S	SSW	S	SSE	S	S	S	S	S	S	S	S	SSW	S	SSW	WSW	W	SW	WSW	S
2	WNW	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	W	NW	WNW	SSE	SE	SSE	WNW
3	SSE	S	SSE	SSE	S	S	S	S	NW	NW	NW	NNW	NW	WNW	SW	W	W	W	SW	S	S	S	S	S	S
4	S	S	S	SW	W	WSW	W	SW	SSW	WSW	W	W	W	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
5	WNW	WSW	W	SSE	SSE	SSE	SSE	SSE	NNW	WNW	W	N	NNW	N	NW	N	N	N	ENE	NE	NNW	WSW	SSE	SSE	N
6	NW	W	SE	SSE	SE	SSE	NNW	ESE	NNW	NW	NW	NW	NW	W	SW	SSW	S	S	W	W	WNW	NW	NW	SSE	NW
7	SSW	WNW	S	WNW	WNW	NW	NW	NE	N	S	W	NW	NNW	ENE	NW	N	ESE	ENE	E	SSE	SSE	WNW	WNW	SSE	WNW
8	SE	S	SSE	SE	SE	SE	SE	ESE	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	NW	WNW	NW	WNW	NW	WNW	WNW
9	WNW	W	SSW	SE	SE	SSE	SSE	SSE	NNW	NW	NW	WNW	WNW	NW	NW	WNW	NW	NNW	N	E	SE	SE	SSE	SSE	NW
10	SE	SSE	SSE	SSE	SSE	SE	SE	ENE	NW	NW	NW	NW	WNW	NW	NW	NW	WNW	W	WSW	SSW	SSE	S	SSE	SSE	SSE
11	E	WNW	SSW	SSW	S	S	S	S	SSW	W	NW	NW	NW	S	S	SSE	SSW	S	SW	ESE	SSE	S	SSW	SW	S
12	SSW	SW	SW	NW	W	SSE	SSE	E	NNE	NNW	NNW	NW	NW	NW	NW	NW	WNW	NW	NW	NW	NW	SE	ESE	SE	NW
13	SSE	ESE	SE	SE	SE	SE	ESE	E	NNW	NW	NNW	NNW	NW	NW	NW	WNW	W	WSW	SSW	S	SSE	SSE	SSE	SE	SE
14	SSE	W	NNW	WNW	NW	NNW	NW	W	NW	W	NW	NW	WNW	W	W	W	WNW	NW	NW	NW	SE	SE	SSE	SSE	NW
15	SSE	S	NNW	NW	ESE	ENE	NNE	WSW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SE	NW
16	ENE	E	E	E	E	E	ESE	ESE	ENE	ENE	ESE	NE	NNW	WNW	WNW	W	NW	NW	NW	NW	ESE	SE	ESE	SE	E
17	SE	SE	ESE	SE	SE	SE	SE	ENE	NW	NW	NW	NW	NW	WNW	NW	NW	NW	NW	WNW	WSW	SW	WSW	SE	E	NW
18	ESE	SE	SE	SE	SE	ESE	ESE	E	NW	WNW	NW	NW	WNW	NW	NW	NW	NW	WNW	WNW	WNW	NW	WNW	NW	NNW	NW
19	NNW	WNW	WNW	WNW	WNW	SW	ESE	NW	NW	NW	NW	WNW	WNW	NW	NNE	NNW	NNW	NNW	NNW	ENE	ENE	ENE	ENE	ENE	WNW
20	ENE	NE	NNE	NNW	NNW	NW	N	E	ENE	ENE	ENE	NE	NNW	NNW	NNW	N	NNE	N	E	NE	NE	NNE	NNE	NE	NE
21	ENE	SSE	ESE	NW	W	NW	NNE	NNW	N	ENE	ENE	E	ENE	E	E	ENE	E	E	E	SE	SE	ESE	E	WNW	E
22	ESE	SE	E	SSW	SE	ESE	ESE	NW	NW	NNW	NW	NW	WNW	NW	WNW	NW	NW	NW	NW	WNW	WSW	SSE	SE	S	NW
23	SW	SW	SW	S	SSE	SE	SE	SE	SE	SSE	SSE	ESE	SE	SSW	SSE	S	S	S	S	SSE	SSE	SE	SE	SSE	SSE
24	SSE	SSE	SSE	SSE	SSE	SSE	SE	WNW	NW	E	NW	NNW	WNW	NW	NW	NW	NW	WNW	NW	WNW	W	W	W	SSW	NW
25	ESE	ESE	SE	SE	SE	SE	SE	E	NW	NW	WNW	WNW	WNW	WNW	WSW	WNW	WNW	WNW	SW	WNW	WNW	SSW	ESE	ESE	WNW
26	E	SE	SE	SE	SW	SE	SE	SE	S	W	WNW	SW	S	NW	WNW	W	E	E	NNW	E	SE	S	SSE	SSE	SE
27	W	SE	W	NW	ESE	SSW	SE	NW	NW	NW	NW	NW	WNW	NNW	WNW	WNW	NW	NE	ENE	SE	E	NE	ESE	ESE	NW
28	ESE	ESE	SE	SSE	ESE	SE	ESE	E	NNW	NW	NW	WNW	NW	WNW	WNW	NW	NNW	ENE	SE	SSE	SSE	SSE	SE	SE	SE
29	SE	SSE	SW	WNW	WNW	WNW	WNW	SSW	SE	NW	NNW	ENE	E	E	ENE	E	E	E	ESE	ESE	SE	ESE	ESE	ESE	ESE
30	ESE	ESE	E	E	SE	SE	WNW	NW	NNW	N	NW	NW	WNW	WNW	WNW	WNW	NW	NW	NNW	ENE	E	SE	SE	SE	WNW
PV [V#]	SE	SE	SSE	SE	SSE	SE	E	NW	WNW	NW	NW	NW	NW	NW	NW	NW	WNW	NW	NW	WNW	SSE	SSE	SE	SE	WNW

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	172	258	165	128	158	149	313	308	162	305	278	315	178	143	158	293	233	251	157	133	149	150	152	158	8
2	139	138	134	148	140	146	225	351	343	324	326	355	273	330	340	226	141	151	145	152	149	176	215	208	8
3	186	164	142	172	150	194	134	135	181	210	275	267	264	290	306	325	0	330	194	159	179	279	233	189	9
4	125	113	117	121	119	163	143	310	308	314	305	307	305	161	143	185	311	294	293	315	323	299	305	266	15
5	186	10	55	121	121	113	91	97	81	76	334	331	321	323	331	326	317	328	312	67	122	142	132	135	6
6	118	138	123	129	139	130	120	[RF]	[RF]	[RF]	[RF]	307	307	302	323	308	307	349	79	300	294	306	288	276	15
7	279	146	131	134	145	149	143	145	269	297	279	283	298	238	217	321	240	145	138	130	141	152	114	143	7
8	275	184	134	219	250	279	145	139	318	303	321	323	216	192	197	214	196	206	266	211	181	174	172	174	10
9	200	216	205	171	174	186	178	174	177	175	184	192	173	175	160	147	136	152	239	226	265	141	156	169	9
10	153	126	139	129	208	138	129	129	146	178	243	233	243	193	316	317	308	308	313	301	310	305	312	245	15
11	272	195	144	142	143	122	6	304	302	288	301	286	312	311	312	330	308	287	40	63	120	44	146	143	14
12	144	150	277	302	288	292	310	312	283	305	148	66	305	330	32	87	108	109	65	30	100	128	110	313	15
13	337	331	322	320	337	328	315	332	337	344	350	337	30	35	79	93	92	86	95	97	27	136	146	117	16
14	119	159	124	124	117	130	325	359	319	310	342	333	50	86	183	329	303	90	94	106	137	154	138	136	7
15	126	126	144	144	119	119	149	82	330	330	106	337	317	67	84	39	328	246	244	197	146	154	154	147	7
16	147	151	133	159	131	126	114	116	16	1	315	339	315	343	82	340	330	334	307	283	79	93	135	144	7
17	137	125	139	146	117	118	89	346	314	322	315	310	312	314	310	183	144	129	03	130	132	146	134	135	7
18	150	146	121	158	185	133	136	136	143	161	157	178	174	172	156	184	170	155	255	321	331	331	122	144	8
19	182	284	86	142	132	135	165	146	160	134	116	173	158	272	285	309	331	332	339	349	102	261	290	244	7
20	140	129	136	140	136	136	126	32	324	317	295	310	354	108	343	334	262	168	115	122	159	162	149	134	7
21	125	124	141	137	123	128	104	332	320	357	322	334	277	311	340	324	347	339	65	121	150	158	152	138	7
22	151	151	127	196	133	130	115	93	334	332	325	339	342	272	154	190	300	310	312	299	195	142	162	112	7
23	156	140	153	162	130	124	119	286	357	90	76	87	324	318	297	351	323	329	54	23	127	113	133	297	7
24	130	29	116	125	118	126	113	114	79	88	70	25	335	349	70	97	80	81	96	102	104	101	110	111	6
25	121	117	112	137	150	125	102	318	327	326	291	307	297	304	288	320	318	322	316	307	310	305	301	352	15
26	135	140	140	126	136	133	122	334	11	336	328	330	323	336	310	270	290	236	212	191	176	163	157	146	7
27	164	227	168	134	270	155	147	154	184	181	183	235	193	351	17	208	230	213	188	163	152	146	148	146	8
28	143	162	301	309	306	310	297	293	284	283	288	302	305	315	313	318	316	320	323	319	317	321	140	132	15
29	133	101	294	120	122	120	97	321	326	305	318	301	317	303	26	158	260	289	306	6	89	71	291	10	14
30	13	92	79	78	97	95	105	68	42	335	324	312	320	50	45	323	296	331	355	320	265	148	153	206	15
31	141	144	137	130	127	142	89	332	318	319	316	312	329	349	321	10	12	31	68	82	133	148	131	117	7
PV	8	7	7	7	7	7	6	15	15	15	15	15	15	15	15	15	15	16	[VA]	[VA]	7	8	7	7	7

QHOUT -- QUQ01 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

MAY, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	WSW	SSE	SE	SSE	SSE	NW	NW	SSE	NW	W	NW	S	SE	SSE	WNW	SW	WSW	SSE	SE	SSE	SSE	SSE	SSE	SSE
2	SE	SE	SE	SSE	SE	SE	SW	N	NNW	NW	NW	N	W	NNW	NNW	SW	SE	SSE	SE	SSE	SSE	S	SW	SSW	SSE
3	S	SSE	SE	S	SSE	SSW	SE	SE	S	SSW	W	W	W	WNW	NW	NW	N	NNW	SSW	SSE	S	W	SW	S	S
4	SE	ESE	ESE	ESE	ESE	SSE	SE	NW	NW	NW	NW	NW	NW	SSE	SE	S	NW	WNW	WNW	NW	NW	WNW	NW	W	NW
5	S	N	NE	ESE	ESE	ESE	E	E	E	ENE	NNW	NNW	NW	NW	NNW	NW	NW	NNW	NW	ENE	ESE	SE	SE	SE	ESE
6	ESE	SE	ESE	SE	SE	SE	ESE	[RF]	[RF]	[RF]	[RF]	NW	NW	WNW	NW	NW	NW	N	E	WNW	WNW	NW	WNW	W	NW
7	W	SE	SE	SE	SE	SSE	SE	SE	W	WNW	W	WNW	WNW	WSW	SW	NW	WSW	SE	SE	SE	SE	SSE	ESE	SE	SE
8	W	S	SE	SW	WSW	W	SE	SE	NW	WNW	NW	NW	SW	SSW	SSW	SW	SSW	SSW	W	SSW	S	S	S	S	SSW
9	SSW	SW	SSW	S	S	S	S	S	S	S	S	SSW	S	S	SSE	SSE	SE	SSE	WSW	SW	W	SE	SSE	S	S
10	SSE	SE	SE	SE	SSW	SE	SE	SE	SE	S	WSW	SW	WSW	SSW	NW	NW	NW	NW	NW	WNW	NW	NW	NW	WSW	NW
11	W	SSW	SE	SE	SE	ESE	N	NW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NW	WNW	NE	ENE	ESE	NE	SE	SE	WNW
12	SE	SSE	W	WNW	WNW	WNW	NW	NW	WNW	NW	SSE	ENE	NW	NNW	NNE	E	ESE	ESE	ENE	NNE	E	SE	ESE	NW	NW
13	NNW	NNW	NW	NW	NNW	NNW	NW	NNW	NNW	NNW	N	NNW	NNE	NE	E	E	E	E	E	E	NNE	SE	SE	ESE	NNW
14	ESE	SSE	SE	SE	ESE	SE	NW	N	NW	NW	NNW	NNW	NE	E	S	NNW	WNW	E	E	ESE	SE	SSE	SE	SE	SE
15	SE	SE	SE	SE	ESE	ESE	SSE	E	NNW	NNW	ESE	NNW	NW	ENE	E	NE	NNW	WSW	WSW	SSW	SE	SSE	SSE	SSE	SE
16	SSE	SSE	SE	SSE	SE	SE	ESE	ESE	NNE	N	NW	NNW	NW	NNW	E	NNW	NNW	NNW	NW	WNW	E	E	SE	SE	SE
17	SE	SE	SE	SSE	ESE	ESE	E	NNW	NW	NW	NW	NW	NW	NW	NW	S	SE	SE	E	SE	SE	SE	SE	SE	SE
18	SSE	SE	ESE	SSE	S	SE	SE	SE	SE	SSE	SSE	S	S	S	SSE	S	S	SSE	WSW	NW	NNW	NNW	ESE	SE	SSE
19	S	WNW	E	SE	SE	SE	SSE	SE	SSE	SE	ESE	S	SSE	W	WNW	NW	NNW	NNW	NNW	N	ESE	W	WNW	WSW	SE
20	SE	SE	SE	SE	SE	SE	SE	NNE	NW	NW	WNW	NW	N	ESE	NNW	NNW	W	SSE	ESE	ESE	SSE	SSE	SSE	SE	SE
21	SE	SE	SE	SE	ESE	SE	ESE	NNW	NW	N	NW	NNW	W	NW	NNW	NW	NNW	NNW	ENE	ESE	SSE	SSE	SSE	SE	SE
22	SSE	SSE	SE	SSW	SE	SE	ESE	E	NNW	NNW	NW	NNW	NNW	W	SSE	S	WNW	NW	NW	WNW	SSW	SE	SSE	ESE	SE
23	SSE	SE	SSE	SSE	SE	SE	ESE	WNW	N	E	ENE	E	NW	NW	WNW	N	NW	NNW	NE	NNE	SE	ESE	SE	WNW	SE
24	SE	NNE	ESE	SE	ESE	SE	ESE	ESE	E	E	ENE	NNE	NNW	N	ENE	E	E	E	E	ESE	ESE	E	ESE	ESE	ESE
25	ESE	ESE	ESE	SE	SSE	SE	ESE	NW	NNW	NW	WNW	NW	WNW	NW	WNW	NW	NW	NW	NW	NW	NW	NW	WNW	N	NW
26	SE	SE	SE	SE	SE	SE	ESE	NNW	N	NNW	NNW	NNW	NW	NNW	NW	W	WNW	SW	SSW	S	S	SSE	SSE	SE	SE
27	SSE	SW	SSE	SE	W	SSE	SSE	SSE	S	S	S	SW	SSW	N	NNE	SSW	SW	SSW	S	SSE	SSE	SE	SSE	SE	SSE
28	SE	SSE	WNW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SE	SE	NW
29	SE	E	WNW	ESE	ESE	ESE	E	NW	NW	NW	NW	WNW	NW	WNW	NNE	SSE	W	WNW	NW	N	E	ENE	WNW	N	WNW
30	NNE	E	E	ENE	E	E	ESE	ENE	NE	NNW	NW	NW	NW	NE	NE	NW	WNW	NNW	N	NW	W	SSE	SSE	SSW	NW
31	SE	SE	SE	SE	SE	SE	E	NNW	NW	NW	NW	NW	NNW	N	NW	N	NNE	NNE	ENE	E	SE	SSE	SE	ESE	SE
PV	SSE	SE	SE	SE	SE	SE	ESE	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	[VA]	[VA]	SE	SSE	SE	SE	SE

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	116	178	261	227	127	128	277	8	330	330	319	317	250	300	314	322	316	315	310	309	305	295	213	226	15
2	137	210	182	114	138	129	152	246	302	304	304	321	313	322	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	15
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	175	179	200	224	253	254	257	262	263	298	299	275	106	13
5	130	105	101	133	139	111	318	339	140	153	166	168	179	161	185	195	229	298	308	305	304	307	286	301	7
6	268	89	215	169	147	152	143	247	312	322	1	328	329	314	298	265	270	282	263	261	199	144	143	153	13
7	113	119	173	283	114	141	131	34	321	319	312	181	190	238	238	210	235	239	222	179	167	175	180	206	9
8	208	223	247	206	269	208	301	297	309	315	310	300	311	315	304	312	319	309	305	309	321	54	94	97	15
9	86	95	95	95	114	116	110	341	333	59	88	84	320	314	324	332	319	315	322	2	125	144	154	124	5
10	135	132	126	120	133	117	123	110	332	315	326	332	326	320	348	319	319	325	330	306	302	274	323	103	15
11	127	124	294	254	122	115	130	304	321	329	317	312	302	295	299	317	315	315	321	357	131	129	127	130	15
12	124	126	125	134	246	106	114	57	332	309	324	11	341	188	181	172	228	175	190	227	236	145	145	148	7
13	148	156	133	139	236	322	28	334	309	204	221	157	172	187	161	170	174	174	176	188	203	204	174	190	9
14	123	149	141	175	139	123	152	190	331	325	341	341	244	172	172	275	285	288	352	95	85	106	275	18	6
15	128	128	126	137	125	154	318	307	326	341	335	335	325	351	323	334	337	17	100	39	91	148	117	125	15
16	117	124	124	130	121	128	130	344	323	316	337	318	322	345	327	307	285	294	301	276	244	330	43	112	15
17	97	85	45	295	104	136	22	326	338	330	314	320	295	310	321	329	327	319	313	320	298	59	85	97	15
18	116	105	108	107	97	88	105	88	83	111	92	81	75	83	50	85	80	93	89	104	95	81	85	141	5
19	101	85	139	242	136	118	123	355	303	340	345	349	319	299	247	229	201	169	157	150	152	158	86	136	8
20	164	153	125	124	122	119	106	351	322	313	313	328	317	216	141	177	315	302	296	284	266	207	133	121	15
21	119	151	129	113	132	119	118	131	334	89	132	312	173	152	227	203	153	240	156	141	141	151	134	209	7
22	160	123	144	151	139	127	297	20	344	336	317	315	302	314	269	255	311	308	263	154	128	133	145	142	7
23	149	161	133	115	133	158	103	338	330	327	326	333	125	151	190	290	315	314	93	137	163	268	53	141	7
24	162	141	151	125	125	144	122	330	325	319	317	319	320	329	329	312	323	332	336	28	80	143	132	145	15
25	150	274	127	134	134	136	141	349	336	314	356	81	335	343	129	88	37	112	113	141	137	120	144	128	6
26	132	136	124	129	125	126	129	74	329	315	341	6	314	305	305	310	298	27	333	90	132	151	150	130	7
27	119	125	121	120	126	119	113	342	334	333	333	309	316	323	315	345	328	326	30	266	220	152	146	152	16
28	148	152	280	313	109	111	141	338	358	356	190	172	177	171	163	169	179	178	174	205	175	157	149	159	9
29	159	152	143	145	151	143	143	173	166	177	173	168	163	160	144	160	198	193	194	190	166	152	154	159	8
30	146	149	153	170	187	182	162	141	146	145	143	151	149	139	269	193	46	50	36	126	139	148	143	149	8
PV	7	7	7	7	7	7	7	16	15	16	16	16	15	15	15	15	15	15	15	7	7	7	7	7	7

QHOUT -- OU001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JUN, 1982

AEROVIRONMENT INC.

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*    FINAL DATA     *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	ESE	S	W	SW	SE	SE	W	N	NNW	NNW	NW	NW	WSW	WNW	NW	NW	NW	NW	NW	NW	NW	WNW	SSW	SW	NW
2	SE	SSW	S	ESE	SE	SE	SSE	WSW	WNW	NW	NW	NW	NW	NW	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	NW
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	S	S	SSW	SW	WSW	WSW	WSW	W	W	WNW	WNW	W	ESE	W
5	SE	ESE	E	SE	SE	ESE	NW	NNW	SE	SSE	SSE	SSE	S	SSE	S	SSW	SW	WNW	NW	NW	NW	NW	WNW	WNW	SE
6	W	E	SW	S	SSE	SSE	SE	WSW	NW	NW	N	NNW	NNW	NW	WNW	W	W	WNW	W	W	SSW	SE	SE	SSE	W
7	ESE	ESE	S	WNW	ESE	SE	SE	NE	NW	NW	NW	S	S	WSW	WSW	SSW	SW	WSW	SW	S	SSE	S	S	SSW	S
8	SSW	SW	WSW	SSW	W	SSW	WNW	WNW	NW	NW	NW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NE	E	E	NW
9	E	E	E	E	ESE	ESE	ESE	NNW	NNW	ENE	E	E	NW	NW	NW	NNW	NW	NW	NW	N	SE	SE	SSE	SE	E
10	SE	SE	SE	ESE	SE	ESE	ESE	ESE	NNW	NW	NW	NNW	NW	NW	NNW	NW	NW	NW	NNW	NW	WNW	W	NW	ESE	NW
11	SE	SE	WNW	WSW	ESE	ESE	SE	NW	NW	NNW	NW	NW	WNW	WNW	WNW	NW	NW	NW	NW	N	SE	SE	SE	SE	NW
12	SE	SE	SE	SE	WSW	ESE	ESE	ENE	NNW	NW	NW	N	NNW	S	S	S	SW	S	S	SW	SW	SE	SE	SSE	SE
13	SSE	SSE	SE	SE	SW	NW	NNE	NNW	NW	SSW	SW	SSE	S	S	SSE	S	S	S	S	S	SSW	SSW	S	S	S
14	ESE	SSE	SE	S	SE	ESE	SSE	S	NNW	NW	NNW	NNW	WSW	S	S	W	WNW	WNW	N	E	E	ESE	W	NNE	ESE
15	SE	SE	SE	SE	SE	SSE	NW	NW	NW	NNW	NNW	NNW	NW	N	NW	NNW	NNW	NNE	E	NE	E	SSE	ESE	SE	NW
16	ESE	SE	SE	SE	ESE	SE	SE	NNW	NW	NW	NNW	NW	NW	NNW	NNW	NW	WNW	WNW	WNW	W	WSW	NNW	NE	ESE	NW
17	E	E	NE	WNW	ESE	SE	NNE	NW	NNW	NNW	NW	NW	WNW	NW	NW	NNW	NNW	NW	NW	NW	WNW	ENE	E	E	NW
18	ESE	ESE	ESE	ESE	E	E	ESE	E	E	ESE	E	E	ENE	E	NE	E	E	E	E	ESE	E	E	E	SE	E
19	E	E	SE	WSW	SE	ESE	ESE	N	WNW	NNW	NNW	N	NW	WNW	WSW	SW	SSW	S	SSE	SSE	SSE	SSE	E	SE	SSE
20	SSE	SSE	SE	SE	ESE	ESE	ESE	N	NW	NW	NW	NNW	NW	SW	SE	S	NW	WNW	WNW	WNW	W	SSW	SE	ESE	NW
21	ESE	SSE	SE	ESE	SE	ESE	ESE	SE	NNW	E	SE	NW	S	SSE	SW	SSW	SSE	WSW	SSE	SE	SE	SSE	SE	SSW	SE
22	SSE	ESE	SE	SSE	SE	SE	WNW	NNE	NNW	NNW	NW	NW	WNW	NW	W	WSW	NW	NW	W	SSE	SE	SE	SE	SE	SE
23	SSE	SSE	SE	ESE	SE	SSE	ESE	NNW	NNW	NNW	NW	NNW	SE	SSE	S	WNW	NW	NW	E	SE	SSE	WNW	NE	SE	SE
24	SSE	SE	SSE	SE	SE	SE	ESE	NNW	NW	NW	NW	NW	NW	NNW	NNW	NW	NW	NNW	NNW	NNE	E	SE	SE	SE	NW
25	SSE	W	SE	SE	SE	SE	SE	N	NNW	NW	N	E	NNW	NNW	SE	E	NE	ESE	ESE	SE	SE	ESE	SE	SE	ESE
26	SE	SE	SE	SE	SE	SE	SE	ENE	NNW	NW	NNW	N	NW	NW	NW	NW	WNW	NNE	NNW	E	SE	SSE	SSE	SE	SE
27	ESE	SE	ESE	ESE	SE	ESE	ESE	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NNW	NNW	NW	NNE	W	SW	SSE	SE	SSE	NNW
28	SSE	SSE	W	NW	ESE	ESE	SE	NNW	N	N	S	S	S	S	SSE	S	S	S	S	SSW	S	SSE	SSE	SSE	S
29	SSE	SSE	SE	SE	SSE	SE	SE	S	SSE	S	S	SSE	SSE	SSE	SE	SSE	SSW	SSW	SSW	S	SSE	SSE	SSE	SSE	SSE
30	SE	SSE	SSE	S	S	S	SSE	SE	SE	SE	SE	SSE	SSE	SE	W	SSW	NE	NE	NE	SE	SE	SSE	SE	SSE	SSE
PV	SE	SE	SE	SE	SE	SE	SE	NNW	NW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	SE	SE	SE	SE	SE	SE

QHOUT -- QU004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JUL, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	149	148	146	153	148	148	150	155	167	161	170	177	205	174	242	234	198	224	220	246	203	294	305	216	8
2	126	134	138	135	137	134	114	118	324	311	338	303	340	313	252	264	290	291	279	274	194	159	146	150	7
3	201	160	139	129	156	126	302	336	338	329	321	330	307	166	165	163	163	178	202	176	186	166	146	176	8
4	141	128	158	172	326	293	347	342	208	173	169	159	158	183	193	202	227	203	228	314	317	331	314	291	9
5	144	168	122	306	297	135	279	305	290	313	322	315	306	317	318	321	324	312	271	135	115	134	170	165	15
6	146	154	146	157	144	142	132	97	334	334	332	334	319	301	316	345	29	59	83	81	149	148	146	153	7
7	155	158	117	120	132	125	115	341	316	331	314	325	310	26	136	113	150	147	165	164	152	148	153	293	8
8	297	285	256	173	170	178	155	152	141	23	313	353	332	340	127	136	148	204	244	89	157	161	209	163	8
9	154	145	169	190	314	131	170	345	349	293	307	294	305	314	299	290	235	310	312	323	339	296	293	304	15
10	119	145	131	124	124	118	118	328	324	305	318	346	316	285	126	291	306	328	353	20	51	170	144	127	[VA]
11	123	213	115	137	149	146	108	159	148	338	340	334	335	320	188	310	323	271	136	34	146	146	137	144	7
12	131	120	130	132	119	134	128	38	319	11	2	328	322	320	317	326	337	321	328	206	158	162	148	139	7
13	120	164	133	225	127	125	65	163	358	321	337	323	334	172	141	336	26	37	73	123	151	124	100	144	7
14	137	134	221	155	157	132	127	13	336	328	304	317	308	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	7
15	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
16	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
17	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
18	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
19	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
20	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
21	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
22	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
23	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
24	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
25	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
26	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
27	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
28	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	314	28	162	165	218	56	112	85	51	152	81	314	225	132	8
29	144	135	136	138	161	140	134	103	83	342	349	328	328	329	333	329	323	332	325	356	84	96	81	113	16
30	94	94	104	143	136	133	104	345	52	71	22	24	311	335	304	323	314	302	308	15	28	122	128	116	15
31	122	120	152	124	130	123	134	71	332	334	313	325	326	311	325	338	322	298	144	128	160	139	154	173	7
PV	7	7	7	8	7	7	7	16	16	16	16	15	15	15	15	15	15	15	15	2	8	8	8	7	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JUL, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSW	S	WSW	SW	SSW	SW	SW	WSW	SSW	WNW	NW	SW	SSE
2	SE	SE	SE	SE	SE	SE	ESE	ESE	NW	NW	NNW	WNW	NNW	NW	WSW	W	WNW	WNW	W	W	SSW	SSE	SE	SSE	SE
3	SSW	SSE	SE	SE	SSE	SE	WNW	NNW	NNW	NNW	NW	NNW	NW	SSE	SSE	SSE	SSE	S	SSW	S	S	SSE	SE	S	SSE
4	SE	SE	SSE	S	NW	WNW	NNW	NNW	SSW	S	S	SSE	SSE	S	SSW	SSW	SW	SSW	SW	NW	NW	NNW	NW	WNW	S
5	SE	SSE	ESE	NW	WNW	SE	W	NW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	SE	ESE	SE	S	SSE	NW
6	SE	SSE	SE	SSE	SE	SE	SE	E	NNW	NNW	NNW	NNW	NW	WNW	NW	NNW	NNE	ENE	E	E	SSE	SSE	SE	SSE	SE
7	SSE	SSE	ESE	ESE	SE	SE	ESE	NNW	NW	NNW	NW	NW	NW	NNE	SE	ESE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	WNW	SSE
8	WNW	WNW	WSW	S	S	S	SSE	SSE	SE	NNE	NW	N	NNW	NNW	SE	SE	SSE	SSW	WSW	E	SSE	SSE	SSW	SSE	SSE
9	SSE	SE	S	S	NW	SE	S	NNW	N	WNW	NW	WNW	NW	NW	WNW	WNW	SW	NW	NW	NW	NNW	WNW	WNW	NW	NW
10	ESE	SE	SE	SE	SE	ESE	ESE	NNW	NW	NW	NW	NNW	NW	WNW	SE	WNW	NW	NNW	N	NNE	NE	S	SE	SE	[VA]
11	ESE	SSW	ESE	SE	SSE	SE	ESE	SSE	SSE	NNW	NNW	NNW	NNW	NW	S	NW	NW	W	SE	NE	SE	SE	SE	SE	SE
12	SE	ESE	SE	SE	ESE	SE	SE	NE	NW	N	N	NNW	NW	NW	NW	NW	NNW	NW	NNW	SSW	SSE	SSE	SSE	SE	SE
13	ESE	SSE	SE	SW	SE	SE	ENE	SSE	N	NW	NNW	NW	NNW	S	SE	NNW	NNE	NE	ENE	ESE	SSE	SE	E	SE	SE
14	SE	SE	SW	SSE	SSE	SE	SE	NNE	NNW	NNW	NW	NW	NW	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	SE
15	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
16	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
17	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
18	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
19	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
20	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
21	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
22	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
23	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
24	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
25	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
26	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
27	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
28	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	NW	NNE	SSE	SSE	SW	NE	ESE	E	NE	SSE	E	NW	SW	SE	SSE
29	SE	SE	SE	SE	SSE	SE	SE	ESE	E	NNW	N	NNW	NNW	NNW	NNW	NNW	NW	NNW	NW	N	E	E	E	ESE	NNW
30	E	E	ESE	SE	SE	SE	ESE	NNW	NE	ENE	NNE	NNE	NW	NNW	NW	NW	NW	WNW	NW	NNE	NNE	ESE	SE	ESE	NW
31	ESE	ESE	SSE	SE	SE	ESE	SE	ENE	NNW	NNW	NW	NW	NW	NW	NW	NNW	NW	WNW	SE	SE	SSE	SE	SSE	S	SE
PV	SE	SE	SE	SSE	SE	SE	SE	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NNE	SSE	SSE	SSE	SE	SE

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	143	133	153	149	116	112	108	340	323	330	328	321	228	181	156	155	177	216	221	179	161	183	230	218	8
2	171	234	247	207	131	150	154	150	190	285	319	312	274	177	165	219	342	141	135	146	146	142	138	138	8
3	173	185	174	140	163	159	172	163	171	229	283	311	310	101	128	143	168	184	164	196	184	153	152	149	8
4	139	153	126	125	128	132	[VA]	334	339	323	322	320	340	344	94	332	302	302	296	255	212	155	155	158	7
5	165	150	126	117	117	126	119	101	3	332	326	321	305	303	305	331	314	335	336	3	83	137	153	199	16
6	111	128	139	151	132	117	131	119	325	327	320	325	312	333	312	299	290	273	309	303	308	133	163	161	15
7	171	340	346	133	115	130	119	117	337	335	325	320	310	228	149	136	41	130	173	344	177	171	150	151	7
8	154	148	199	192	156	149	153	148	161	186	183	181	262	307	302	308	305	308	170	151	134	153	144	134	8
9	183	107	116	140	304	130	115	340	331	319	336	310	299	304	137	143	148	148	158	158	165	164	136	132	7
10	119	114	140	135	117	206	313	143	119	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	6
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	201	168	165	175	172	179	180	164	155	155	152	145	138	137	130	8
26	107	146	154	164	145	149	128	126	165	192	184	151	158	163	152	158	278	247	161	149	289	281	278	154	8
27	144	153	125	141	129	125	104	126	317	328	318	325	335	315	260	217	218	225	194	159	159	157	161	164	7
28	160	153	153	157	157	157	148	152	144	215	222	206	279	276	132	134	174	256	236	323	64	133	143	153	8
29	323	341	140	132	102	41	116	104	318	309	312	329	310	335	98	134	141	157	59	325	272	130	144	182	7
30	222	141	149	134	150	121	147	115	15	322	323	322	324	310	233	280	272	284	269	214	157	152	152	158	8
31	220	143	128	229	116	124	125	114	36	319	323	305	304	323	289	288	299	318	328	56	115	110	205	114	15
PV	9	7	7	7	7	7	6	6	16	15	15	15	15	15	8	8	14	8	8	8	8	8	8	8	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	SE	SSE	SSE	ESE	ESE	ESE	NNW	NW	NNW	NNW	NW	SW	S	SSE	SSE	S	SW	SW	S	SSE	S	SW	SW	SSE
2	S	SW	WSW	SSW	SE	SSE	SSE	SSE	S	WNW	NW	NW	W	S	SSE	SW	NNW	SE	SE	SE	SE	SE	SE	SE	SSE
3	S	S	S	SE	SSE	SSE	S	SSE	S	SW	WNW	NW	NW	E	SE	SE	SSE	S	SSE	SSW	S	SSE	SSE	SSE	SSE
4	SE	SSE	SE	SE	SE	SE	[VA]	NNW	NNW	NW	NW	NW	NNW	NNW	E	NNW	WNW	WNW	WNW	WSW	SSW	SSE	SSE	SSE	SE
5	SSE	SSE	SE	ESE	ESE	SE	ESE	E	N	NNW	NW	NW	NW	WNW	NW	NNW	NW	NNW	NNW	N	E	SE	SSE	SSW	NNW
6	ESE	SE	SE	SSE	SE	ESE	SE	ESE	NW	NNW	NW	NW	NW	NNW	NW	WNW	WNW	W	NW	WNW	NW	SE	SSE	SSE	NW
7	S	NNW	NNW	SE	ESE	SE	ESE	ESE	NNW	NNW	NW	NW	NW	SW	SSE	SE	NE	SE	S	NNW	S	S	SSE	SSE	SE
8	SSE	SSE	SSW	SSW	SSE	SSE	SSE	SSE	SSE	S	S	S	W	NW	WNW	NW	NW	NW	S	SSE	SE	SSE	SE	SE	SSE
9	S	ESE	ESE	SE	NW	SE	ESE	NNW	NNW	NW	NNW	NW	WNW	NW	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE
10	ESE	ESE	SE	SE	ESE	SSW	NW	SE	ESE	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	ESE
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	SSW	SSE	SSE	S	S	S	S	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SSE
26	ESE	SE	SSE	SSE	SE	SSE	SE	SE	SSE	SSW	S	SSE	SSE	SSE	SSE	SSE	W	WSW	SSE	SSE	WNW	W	W	SSE	SSE
27	SE	SSE	SE	SE	SE	SE	ESE	SE	NW	NNW	NW	NW	NNW	NW	W	SW	SW	SW	SSW	SSE	SSE	SSE	SSE	SSE	SE
28	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SW	SW	SSW	W	W	SE	SE	S	WSW	SW	NW	ENE	SE	SE	SSE	SSE
29	NW	NNW	SE	SE	ESE	NE	ESE	ESE	NW	NW	NW	NNW	NW	NNW	E	SE	SE	SSE	ENE	NW	W	SE	SE	S	SE
30	SW	SE	SSE	SE	SSE	ESE	SSE	ESE	NNE	NW	NW	NW	NW	NW	SW	W	W	WNW	W	SW	SSE	SSE	SSE	SSE	SSE
31	SW	SE	SE	SW	ESE	SE	SE	ESE	NE	NW	NW	NW	NW	NW	WNW	WNW	WNW	NW	NNW	NE	ESE	ESE	SSW	ESE	NW
PV	S	SE	SE	SE	SE	SE	ESE	ESE	NNW	NW	NW	NW	NW	NW	SSE	SSE	WNW	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

SEP, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	123	136	115	126	117	121	117	115	324	321	319	308	306	284	316	278	326	24	90	131	147	253	128	126	6
2	139	133	140	130	111	100	43	340	303	321	303	312	308	303	301	295	306	322	324	274	116	136	113	109	15
3	125	129	126	121	128	129	125	127	350	330	327	310	315	321	317	315	317	312	270	179	153	143	141	145	7
4	137	150	120	175	282	125	106	65	70	337	313	315	304	309	304	280	236	274	184	184	143	132	159	147	7
5	125	110	134	145	150	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	7
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	333	339	326	316	313	314	294	161	180	155	168	146	152	134	148	8
22	124	137	128	132	118	109	126	97	43	322	315	319	311	294	291	279	282	249	204	169	172	135	13	134	7
23	154	154	188	153	118	108	115	140	97	325	321	321	317	277	290	289	310	285	285	143	119	111	106	118	6
24	121	126	124	121	124	124	126	112	10	297	313	320	310	306	309	323	328	267	308	129	131	123	141	287	7
25	169	137	127	132	156	155	178	55	150	145	154	155	143	315	323	222	304	328	144	150	148	151	143	161	8
26	142	138	145	151	151	190	149	13	13	160	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	8
27	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
28	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
29	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
30	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	129	294	309	323	328	313	262	261	224	313	305	288	253	15
PV	7	7	7	7	6	6	7	6	2	15	15	15	15	14	15	14	15	13	[VA]	[VA]	7	7	7	7	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	ESE	SE	ESE	SE	ESE	ESE	ESE	ESE	NW	NW	NW	NW	NW	WNW	NW	W	NW	NNE	E	SE	SSE	WSW	SE	SE	ESE
2	SE	SE	SE	SE	ESE	E	NE	NNW	WNW	NW	WNW	NW	NW	WNW	WNW	WNW	NW	NW	NW	W	ESE	SE	ESE	ESE	NW
3	SE	SE	SE	ESE	SE	SE	SE	SE	N	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	W	S	SSE	SE	SE	SE	SE
4	SE	SSE	ESE	S	WNW	SE	ESE	ENE	ENE	NNW	NW	NW	NW	NW	NW	W	SW	W	S	S	SE	SE	SSE	SSE	SE
5	SE	ESE	SE	SE	SSE	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	SE
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	NNW	NNW	NW	NW	NW	NW	WNW	SSE	S	SSE	SSE	SE	SSE	SE	SSE	SSE
22	SE	SE	SE	SE	ESE	ESE	SE	E	NE	NW	NW	NW	NW	WNW	WNW	W	WNW	WSW	SSW	S	S	SE	NNE	SE	SE
23	SSE	SSE	S	SSE	ESE	ESE	ESE	SE	E	NW	NW	NW	NW	W	WNW	WNW	NW	WNW	WNW	SE	ESE	ESE	ESE	ESE	ESE
24	ESE	SE	SE	ESE	SE	SE	SE	ESE	N	WNW	NW	NW	NW	NW	NW	NW	NNW	W	NW	SE	SE	ESE	SE	WNW	SE
25	S	SE	SE	SE	SSE	SSE	S	NE	SSE	SE	SSE	SSE	SE	NW	NW	SW	NW	NNW	SE	SSE	SSE	SSE	SE	SSE	SSE
26	SE	SE	SE	SSE	SSE	S	SSE	NNE	NNE	SSE	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	SSE
27	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
28	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
29	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
30	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	SE	WNW	NW	NW	NNW	NW	W	W	SW	NW	NW	WNW	WSW	NW
PV	SE	SE	SE	SE	ESE	ESE	SE	ESE	NNE	NW	NW	NW	NW	WNW	NW	WNW	NW	W	[VA]	[VA]	SE	SE	SE	SE	SE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	228	144	125	146	153	142	126	123	283	299	315	310	317	323	314	317	305	310	306	274	265	221	178	181	15
2	175	174	139	141	157	156	141	188	351	324	321	313	321	310	324	317	321	337	39	129	138	132	122	147	7
3	148	136	147	130	114	119	136	121	120	3	332	314	317	318	317	319	314	349	150	160	145	129	142	143	7
4	146	138	151	146	148	121	134	94	344	321	332	320	308	308	321	308	304	328	262	154	159	159	153	183	8
5	283	278	295	300	253	178	130	139	331	7	132	89	81	117	20	92	137	154	157	157	144	120	123	145	7
6	152	164	150	161	167	159	137	291	82	344	318	328	344	310	341	328	301	295	288	119	121	179	122	145	8
7	121	115	129	151	136	152	128	331	322	308	310	308	301	323	323	14	76	327	296	308	307	320	308	319	15
8	92	126	259	121	176	166	128	194	298	311	307	291	315	310	40	54	354	350	323	309	323	312	282	172	14
9	171	148	122	139	304	126	126	37	302	314	333	303	292	319	357	334	97	90	125	100	98	125	119	116	7
10	196	116	284	170	323	296	314	328	334	328	24	64	66	25	95	91	68	79	121	139	141	140	115	131	7
11	137	137	124	121	133	129	114	134	330	323	311	323	330	357	103	99	97	111	131	139	135	125	121	116	6
12	128	123	120	115	128	117	119	119	95	318	331	66	17	351	109	301	264	262	200	115	119	120	116	122	6
13	112	121	122	133	140	143	136	120	251	312	319	2	76	107	103	9	77	88	139	118	109	114	112	114	6
14	112	113	117	119	112	110	125	109	98	309	[CA]	324	300	307	298	302	314	355	41	106	116	128	125	129	6
15	122	125	121	124	132	129	125	124	337	321	317	300	301	305	308	303	303	309	141	152	157	160	155	157	7
16	146	152	155	137	126	128	124	121	322	317	323	310	310	303	312	312	7	133	130	155	142	152	127	152	7
17	139	128	125	128	129	132	118	126	337	313	321	308	305	300	296	248	265	251	205	172	184	176	189	174	7
18	127	127	225	123	123	125	115	139	102	314	312	309	306	257	252	257	312	303	298	298	297	304	309	306	15
19	319	341	14	44	58	137	146	126	111	104	326	323	299	340	305	323	336	9	107	130	130	126	123	126	7
20	125	115	132	142	136	128	129	118	48	315	308	307	297	297	301	294	281	292	126	115	121	121	128	125	7
21	124	110	127	126	135	128	127	126	24	316	309	315	306	314	306	305	289	271	124	149	129	136	142	131	7
22	131	132	124	136	125	130	138	125	115	22	309	303	299	310	305	295	273	235	121	93	114	114	115	130	6
23	122	119	122	123	114	120	124	119	109	325	304	304	299	303	314	301	276	268	135	115	138	159	117	128	7
24	133	128	144	137	117	129	125	135	311	297	306	301	284	288	290	289	302	285	242	130	146	151	165	204	7
25	178	162	143	151	137	123	136	141	153	150	291	298	283	291	323	295	343	76	306	151	121	132	139	153	7
26	110	129	126	130	152	153	151	149	98	154	158	162	164	163	157	157	155	155	164	215	289	154	157	[RF]	7
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	7	7	7	7	7	7	7	7	16	15	15	15	15	15	15	15	15	14	7	[VA]	7	7	7	7	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

OCT, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SW	SE	SE	SE	SSE	SE	SE	ESE	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	SW	S	S	NW
2	S	S	SE	SE	SSE	SSE	SE	S	N	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NE	SE	SE	SE	ESE	SSE	SE
3	SSE	SE	SSE	SE	ESE	ESE	SE	ESE	ESE	N	NNW	NW	NW	NW	NW	NW	NW	N	SSE	SSE	SE	SE	SE	SE	SE
4	SE	SE	SSE	SE	SSE	ESE	SE	E	NNW	NW	NNW	NW	NW	NW	NW	NW	NW	NNW	W	SSE	SSE	SSE	SSE	S	SSE
5	WNW	W	WNW	WNW	WSW	S	SE	SE	NNW	N	SE	E	E	ESE	NNE	E	SE	SSE	SSE	SSE	SE	ESE	ESE	SE	SE
6	SSE	SSE	SSE	SSE	SSE	SSE	SE	WNW	E	NNW	NW	NNW	NNW	NW	NNW	NNW	WNW	WNW	WNW	ESE	ESE	S	ESE	SE	SSE
7	ESE	ESE	SE	SSE	SE	SSE	SE	NNW	NW	NW	NW	NW	WNW	NW	NW	NNE	ENE	NNW	WNW	NW	NW	NW	NW	NW	NW
8	E	SE	W	ESE	S	SSE	SE	SSW	WNW	NW	NW	WNW	NW	NW	NE	NE	N	N	NW	NW	NW	NW	WNW	S	WNW
9	S	SSE	ESE	SE	NW	SE	SE	NE	WNW	NW	NNW	WNW	WNW	NW	N	NNW	E	E	SE	E	E	SE	ESE	ESE	SE
10	SSW	ESE	WNW	S	NW	WNW	NW	NNW	NNW	NNW	NNE	ENE	ENE	NNE	E	E	ENE	E	ESE	SE	SE	SE	ESE	SE	SE
11	SE	SE	SE	ESE	SE	SE	ESE	SE	NNW	NW	NW	NW	NNW	N	ESE	E	E	ESE	SE	SE	SE	SE	ESE	ESE	ESE
12	SE	ESE	ESE	ESE	SE	ESE	ESE	ESE	E	NW	NNW	ENE	NNE	N	ESE	WNW	W	W	SSW	ESE	ESE	ESE	ESE	ESE	ESE
13	ESE	ESE	ESE	SE	SE	SE	SE	ESE	WSW	NW	NW	N	ENE	ESE	ESE	N	ENE	E	SE	ESE	ESE	ESE	ESE	ESE	ESE
14	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	E	NW	[CA]	NW	WNW	NW	WNW	WNW	NW	N	NE	ESE	ESE	SE	SE	SE	ESE
15	ESE	SE	ESE	SE	SE	SE	SE	SE	NNW	NW	NW	WNW	WNW	NW	NW	WNW	WNW	NW	SE	SSE	SSE	SSE	SSE	SSE	SE
16	SE	SSE	SSE	SE	SE	SE	SE	ESE	NW	NW	NW	NW	NW	WNW	NW	NW	N	SE	SE	SSE	SE	SSE	SE	SSE	SE
17	SE	SE	SE	SE	SE	SE	ESE	SE	NNW	NW	NW	NW	NW	WNW	WNW	WSW	W	WSW	SSW	S	S	S	S	S	SE
18	SE	SE	SW	ESE	ESE	SE	ESE	SE	ESE	NW	NW	NW	NW	WSW	WSW	WSW	NW	WNW	WNW	WNW	WNW	NW	NW	NW	NW
19	NW	NNW	NNE	NE	ENE	SE	SE	SE	ESE	ESE	NW	NW	WNW	NNW	NW	NW	NNW	N	ESE	SE	SE	SE	ESE	SE	SE
20	SE	ESE	SE	SE	SE	SE	SE	ESE	NE	NW	NW	NW	WNW	WNW	WNW	WNW	W	WNW	SE	ESE	ESE	ESE	SE	SE	SE
21	SE	ESE	SE	SE	SE	SE	SE	SE	NNE	NW	NW	NW	NW	NW	NW	NW	WNW	W	SE	SSE	SE	SE	SE	SE	SE
22	SE	SE	SE	SE	SE	SE	SE	SE	ESE	NNE	NW	WNW	WNW	NW	NW	WNW	W	SW	ESE	E	ESE	ESE	ESE	SE	ESE
23	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	ESE	NW	NW	NW	WNW	WNW	NW	WNW	W	W	SE	ESE	SE	SSE	ESE	SE	SE
24	SE	SE	SE	SE	ESE	SE	SE	SE	NW	WNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WSW	SE	SE	SSE	SSE	SSW	SE
25	S	SSE	SE	SSE	SE	ESE	SE	SE	SSE	SSE	WNW	WNW	WNW	WNW	NW	WNW	NNW	ENE	NW	SSE	ESE	SE	SE	SSE	SE
26	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	E	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SW	WNW	SSE	SSE	[RF]	SE
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	SE	SE	SE	SE	SE	SE	SE	SE	NNW	NW	NW	NW	NW	NW	NW	NW	NW	WNW	SE	[VA]	SE	SE	SE	SE	SE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
7	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
8	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
9	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	173	174	279	28	137	130	126	130	111	300	7
10	243	298	115	92	190	287	340	296	134	181	165	164	168	180	211	188	221	291	122	140	154	287	246	284	8
11	63	208	304	290	294	287	258	147	130	254	265	268	156	138	137	118	286	294	299	291	272	199	160	139	14
12	126	138	138	146	145	140	148	132	116	131	132	109	306	311	312	99	95	125	117	148	146	145	132	167	7
13	177	214	160	135	136	80	61	261	151	123	108	313	291	277	285	279	285	305	295	279	213	227	107	130	14
14	119	121	129	123	119	160	119	114	103	28	308	300	299	297	299	290	267	197	163	120	130	126	130	145	7
15	132	119	117	135	118	110	115	115	108	321	315	298	301	301	299	305	296	287	281	295	125	123	120	124	6
16	111	123	110	113	119	124	202	110	123	317	316	309	303	290	312	279	277	260	127	126	281	90	151	169	6
17	131	120	98	128	141	103	145	151	117	312	314	315	301	297	296	287	273	256	122	228	156	54	127	120	7
18	139	128	116	66	112	239	152	290	99	96	116	316	327	296	297	161	167	172	176	162	165	157	167	166	8
19	143	159	159	154	157	171	166	178	168	194	271	257	191	274	256	280	297	312	266	159	145	198	220	171	8
20	218	165	136	134	131	115	121	123	136	112	280	303	291	296	299	311	108	128	137	135	146	157	196	200	7
21	142	139	124	106	126	123	159	136	141	162	304	305	307	292	289	299	297	251	148	152	141	157	166	145	7
22	119	94	210	130	108	78	223	131	302	180	104	332	310	324	305	332	161	344	60	106	134	92	53	95	6
23	102	65	63	332	113	101	112	138	129	118	339	325	315	327	327	28	60	28	107	120	114	137	121	125	6
24	141	144	120	116	126	130	123	118	309	294	320	304	306	306	302	308	31	89	304	89	303	299	295	293	15
25	99	145	127	283	203	132	95	94	284	281	259	314	266	252	333	273	233	309	252	266	266	272	284	268	13
26	243	270	166	270	253	149	246	131	124	108	306	310	304	297	264	159	333	321	310	124	115	131	139	136	7
27	92	132	114	148	127	120	129	122	125	93	326	327	310	305	314	299	286	292	296	170	112	124	112	118	6
28	142	124	135	125	117	46	211	129	192	297	359	54	301	191	141	291	260	258	285	130	125	350	296	166	7
29	43	17	162	251	119	287	163	288	299	261	338	305	308	278	117	121	215	259	148	178	156	106	276	281	13
30	158	232	279	203	294	288	134	243	168	138	137	130	150	132	139	136	99	97	125	132	140	135	134	142	7
PV	6	7	7	7	7	6	6	7	7	6	15	15	15	14	15	14	14	14	7	7	7	7	7	7	7

QNOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

NOV, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
7	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
8	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]
9	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	S	S	W	NNE	SE	SE	SE	SE	ESE	WNW	SE
10	WSW	WNW	ESE	E	S	WNW	NNW	WNW	SE	S	SSE	SSE	SSE	S	SSW	S	SW	WNW	ESE	SE	SSE	WNW	WSW	WNW	SSE
11	ENE	SSW	NW	WNW	WNW	WNW	WSW	SSE	SE	WSW	W	W	SSE	SE	SE	ESE	WNW	WNW	WNW	WNW	W	SSW	SSE	SE	WNW
12	SE	SE	SE	SE	SE	SE	SSE	SE	ESE	SE	SE	ESE	NW	NW	NW	E	E	SE	ESE	SSE	SE	SE	SE	SSE	SE
13	S	SW	SSE	SE	SE	E	ENE	W	SSE	ESE	ESE	NW	WNW	W	WNW	W	WNW	NW	WNW	W	SSW	SW	ESE	SE	WNW
14	ESE	ESE	SE	ESE	ESE	SSE	ESE	ESE	ESE	NNE	NW	WNW	WNW	WNW	WNW	WNW	W	SSW	SSE	ESE	SE	SE	SE	SE	SE
15	SE	ESE	ESE	SE	ESE	ESE	ESE	ESE	ESE	NW	NW	WNW	WNW	WNW	WNW	NW	WNW	WNW	W	WNW	SE	ESE	ESE	SE	ESE
16	ESE	ESE	ESE	ESE	ESE	SE	SSW	ESE	ESE	NW	NW	NW	WNW	WNW	NW	W	W	W	SE	SE	W	E	SSE	S	ESE
17	SE	ESE	E	SE	SE	ESE	SE	SSE	ESE	NW	NW	NW	WNW	WNW	WNW	WNW	W	WSW	ESE	SW	SSE	NE	SE	ESE	SE
18	SE	SE	ESE	ENE	ESE	WSW	SSE	WNW	E	E	ESE	NW	NNW	WNW	WNW	SSE	SSE	S	S	SSE	SSE	SSE	SSE	SSE	SSE
19	SE	SSE	SSE	SSE	SSE	S	SSE	S	SSE	SSW	W	WSW	S	W	WSW	W	WNW	NW	W	SSE	SE	SSW	SW	S	SSE
20	SW	SSE	SE	SE	SE	ESE	ESE	ESE	SE	ESE	W	WNW	WNW	WNW	WNW	NW	ESE	SE	SE	SE	SE	SSE	SSW	SSW	SE
21	SE	SE	SE	ESE	SE	ESE	SSE	SE	SE	SSE	NW	NW	NW	WNW	WNW	WNW	WNW	WSW	SSE	SSE	SE	SSE	SSE	SE	SE
22	ESE	E	SSW	SE	ESE	ENE	SW	SE	WNW	S	ESE	NNW	NW	NW	NW	NNW	SSE	NNW	ENE	ESE	SE	E	NE	E	ESE
23	ESE	ENE	ENE	NNW	ESE	E	ESE	SE	SE	ESE	NNW	NW	NW	NNW	NNW	NNE	ENE	NNE	ESE	ESE	ESE	SE	ESE	SE	ESE
24	SE	SE	ESE	ESE	SE	SE	ESE	ESE	NW	WNW	NW	NW	NW	NW	WNW	NW	NNE	E	NW	E	WNW	WNW	WNW	WNW	NW
25	E	SE	SE	WNW	SSW	SE	E	E	WNW	W	W	NW	W	WSW	NNW	W	SW	NW	WSW	W	W	W	WNW	W	W
26	WSW	W	SSE	W	WSW	SSE	WSW	SE	SE	ESE	NW	NW	NW	WNW	W	SSE	NNW	NW	NW	SE	ESE	SE	SE	SE	SE
27	E	SE	ESE	SSE	SE	ESE	SE	ESE	SE	E	NW	NNW	NW	NW	NW	WNW	WNW	WNW	WNW	S	ESE	SE	ESE	ESE	ESE
28	SE	SE	SE	SE	ESE	NE	SSW	SE	SSW	WNW	N	NE	WNW	S	SE	WNW	W	WSW	WNW	SE	SE	N	WNW	SSE	SE
29	NE	NNE	SSE	WSW	ESE	WNW	SSE	WNW	WNW	W	NNW	NW	NW	W	ESE	ESE	SW	W	SSE	S	SSE	ESE	W	W	W
30	SSE	SW	W	SSW	WNW	WNW	SE	WSW	SSE	SE	SE	SE	SSE	SE	SE	SE	E	E	SE	SE	SE	SE	SE	SE	SE
PV	ESE	SE	SE	SE	SE	ESE	ESE	SE	SE	ESE	NW	NW	NW	WNW	NW	WNW	WNW	WNW	SE	SE	SE	SE	SE	SE	SE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	146	147	139	142	143	150	166	158	160	159	186	201	164	194	212	238	184	175	165	192	200	234	257	200	8
2	177	165	157	166	166	161	171	172	178	273	279	285	281	264	270	271	298	291	297	287	228	225	114	113	13
3	130	109	118	112	144	114	142	126	115	117	292	316	309	308	308	292	295	301	272	102	311	150	127	121	7
4	160	118	117	116	128	112	128	131	183	30	313	306	284	299	298	271	287	272	247	251	118	242	107	131	7
5	119	138	170	117	117	113	118	115	102	291	305	301	300	301	299	295	264	277	310	100	135	138	118	131	6
6	121	128	210	208	154	298	132	283	162	111	310	311	278	146	325	328	267	155	282	294	228	339	65	144	[VA]
7	178	128	301	261	139	139	112	253	219	285	313	277	286	295	115	96	103	76	88	98	103	100	99	103	6
8	90	88	88	94	100	106	106	113	120	91	51	48	92	316	286	297	294	303	293	304	92	121	132	118	6
9	119	122	115	123	59	108	2	119	347	7	310	305	308	313	291	308	307	308	307	290	291	317	127	127	15
10	294	294	320	340	122	139	126	323	152	306	305	303	314	315	314	308	308	354	105	125	121	126	281	113	15
11	125	101	118	117	99	115	101	90	95	105	70	332	319	310	302	287	271	252	165	49	108	105	122	113	6
12	119	117	114	123	114	92	124	139	210	203	167	135	31	319	122	325	283	160	303	303	265	140	113	137	7
13	141	143	126	326	307	308	309	296	318	77	329	4	311	302	293	302	300	298	135	175	132	160	224	260	14
14	280	264	262	244	238	260	151	148	147	140	140	153	266	243	300	328	316	344	101	110	119	153	132	125	[VA]
15	137	123	273	134	138	120	271	271	133	115	312	343	13	348	297	295	265	260	120	328	90	304	294	272	[VA]
16	201	321	213	130	276	111	121	152	305	85	299	225	316	43	304	288	187	153	302	101	245	274	127	140	[VA]
17	138	129	210	161	166	145	272	349	145	281	301	299	115	343	269	156	87	70	290	305	155	126	295	216	7
18	220	127	99	297	125	211	322	330	45	289	164	259	285	295	281	145	130	134	142	143	112	117	118	117	7
19	185	125	123	126	116	122	121	72	125	307	331	312	310	295	284	264	298	301	150	136	340	290	125	150	7
20	126	170	138	95	126	111	154	199	143	281	136	302	316	306	269	278	262	155	352	302	276	154	271	129	7
21	201	104	275	273	169	132	140	294	198	118	93	285	132	115	317	124	316	108	288	310	286	157	174	118	6
22	297	281	202	216	271	194	342	128	172	179	185	203	211	179	165	165	158	142	134	139	115	158	167	198	8
23	181	179	160	155	155	152	157	266	259	203	108	61	125	168	271	269	147	162	127	233	246	279	278	285	8
24	270	279	98	146	308	305	16	1	27	340	0	28	355	14	39	44	52	324	54	58	22	10	63	78	2
25	129	135	149	103	135	156	196	275	166	315	305	310	303	327	312	314	308	270	112	119	119	127	119	121	6
26	118	125	110	129	123	130	128	134	126	122	33	329	327	324	300	303	298	272	148	123	134	134	135	120	7
27	137	126	125	117	123	121	123	127	127	92	311	305	347	316	326	312	192	190	294	306	331	288	263	274	15
28	152	145	186	130	143	140	126	117	111	125	130	84	351	80	310	308	351	36	9	136	137	116	134	110	6
29	110	116	133	128	123	120	114	112	119	114	7	317	306	302	302	300	283	271	115	338	119	128	110	115	6
30	112	126	126	130	134	120	133	125	125	114	311	323	309	319	318	302	241	148	94	122	143	127	121	142	7
31	144	124	126	130	136	134	140	136	122	116	122	297	313	316	300	300	288	241	301	140	208	106	133	123	7
PV	7	7	6	7	7	7	7	7	7	6	15	15	14	15	14	14	14	13	14	6	6	7	6	7	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

DEC, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	SSE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	SSW	SSE	SSW	SSW	WSW	S	S	SSE	SSW	SSW	SW	WSW	SSW	SSE
2	S	SSE	SSE	SSE	SSE	SSE	S	S	S	W	W	WNW	W	W	W	W	WNW	WNW	WNW	WNW	SW	SW	ESE	ESE	W
3	SE	ESE	ESE	ESE	SE	ESE	SE	SE	ESE	ESE	WNW	NW	NW	NW	NW	WNW	WNW	WNW	W	ESE	NW	SSE	SE	ESE	SE
4	SSE	ESE	ESE	ESE	SE	ESE	SE	SE	S	NNE	NW	NW	WNW	WNW	WNW	W	WNW	W	WSW	WSW	ESE	WSW	ESE	SE	SE
5	ESE	SE	S	ESE	ESE	ESE	ESE	ESE	ESE	WNW	NW	WNW	WNW	WNW	WNW	WNW	W	W	NW	E	SE	SE	ESE	SE	ESE
6	ESE	SE	SSW	SSW	SSE	WNW	SE	WNW	SSE	ESE	NW	NW	W	SE	NW	NNW	W	SSE	WNW	WNW	SW	NNW	ENE	SE	[VA]
7	S	SE	WNW	W	SE	SE	ESE	WSW	SW	WNW	NW	W	WNW	WNW	ESE	E	ESE	ENE	E	E	ESE	E	E	ESE	ESE
8	E	E	E	E	E	ESE	ESE	ESE	ESE	E	NE	NE	E	NW	WNW	WNW	WNW	WNW	WNW	NW	E	ESE	SE	ESE	ESE
9	ESE	ESE	ESE	ESE	ENE	ESE	N	ESE	NNW	N	NW	NW	NW	NW	WNW	NW	NW	NW	NW	WNW	WNW	NW	SE	SE	NW
10	WNW	WNW	NW	NNW	ESE	SE	SE	NW	SSE	NW	NW	WNW	NW	NW	NW	NW	NW	N	ESE	SE	ESE	SE	W	ESE	NW
11	SE	E	ESE	ESE	E	ESE	E	E	E	ESE	ENE	NNW	NW	NW	WNW	WNW	W	WSW	SSE	NE	ESE	ESE	ESE	ESE	ESE
12	ESE	ESE	ESE	ESE	ESE	E	SE	SE	SSW	SSW	SSE	SE	NNE	NW	ESE	NW	WNW	SSE	WNW	WNW	W	SE	ESE	SE	SE
13	SE	SE	SE	NW	NW	NW	NW	WNW	NW	ENE	NNW	N	NW	WNW	WNW	WNW	WNW	WNW	SE	S	SE	SSE	SW	W	WNW
14	W	W	W	WSW	WSW	W	SSE	SSE	SSE	SE	SE	SSE	W	WSW	WNW	NNW	NW	NNW	E	ESE	ESE	SSE	SE	SE	[VA]
15	SE	ESE	W	SE	SE	ESE	W	W	SE	ESE	NW	NNW	NNE	NNW	WNW	WNW	W	W	ESE	NNW	E	NW	WNW	W	[VA]
16	SSW	NW	SSW	SE	W	ESE	ESE	SSE	NW	E	WNW	SW	NW	NE	NW	WNW	S	SSE	WNW	E	WSW	W	SE	SE	[VA]
17	SE	SE	SSW	SSE	SSE	SE	W	N	SE	W	WNW	WNW	ESE	NNW	W	SSE	E	ENE	WNW	NW	SSE	SE	WNW	SW	SE
18	SW	SE	E	WNW	SE	SSW	NW	NNW	NE	WNW	SSE	W	WNW	WNW	W	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	SE
19	S	SE	ESE	SE	ESE	ESE	ESE	ENE	SE	NW	NNW	NW	NW	WNW	WNW	W	WNW	WNW	SSE	SE	NNW	WNW	SE	SSE	SE
20	SE	S	SE	E	SE	ESE	SSE	SSW	SE	W	SE	WNW	NW	NW	W	W	W	SSE	N	WNW	W	SSE	W	SE	SE
21	SSW	ESE	W	W	S	SE	SE	WNW	SSW	ESE	E	WNW	SE	ESE	NW	SE	NW	ESE	WNW	NW	WNW	SSE	S	ESE	ESE
22	WNW	W	SSW	SW	W	SSW	NNW	SE	S	S	S	SSW	SSW	S	SSE	SSE	SSE	SE	SE	SE	ESE	SSE	SSE	SSW	SSE
23	S	S	SSE	SSE	SSE	SSE	SSE	W	W	SSW	ESE	ENE	SE	SSE	W	W	SSE	SSE	SE	SW	WSW	W	W	WNW	SSE
24	W	W	E	SE	NW	NW	NNE	N	NNE	NNW	N	NNE	N	NNE	NE	NE	NE	NW	NE	ENE	NNE	N	ENE	ENE	NNE
25	SE	SE	SSE	ESE	SE	SSE	SSW	W	SSE	NW	NW	NW	WNW	NNW	NW	NW	NW	W	ESE	ESE	ESE	SE	ESE	ESE	ESE
26	ESE	SE	ESE	SE	ESE	SE	SE	SE	SE	ESE	NNE	NNW	NNW	NW	WNW	WNW	WNW	W	SSE	ESE	SE	SE	SE	ESE	SE
27	SE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	E	NW	NW	NNW	NW	NW	NW	SSW	S	WNW	NW	NNW	WNW	W	W	NW
28	SSE	SE	S	SE	SE	SE	SE	ESE	ESE	SE	SE	E	N	E	NW	NW	N	NE	N	SE	SE	ESE	SE	ESE	ESE
29	ESE	ESE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	N	NW	NW	WNW	WNW	WNW	WNW	W	ESE	NNW	ESE	SE	ESE	ESE	ESE
30	ESE	SE	SE	SE	SE	ESE	SE	SE	SE	ESE	NW	NW	NW	NW	NW	WNW	WSW	SSE	E	ESE	SE	SE	ESE	SE	SE
31	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	WNW	NW	NW	WNW	WNW	WNW	WSW	WNW	SE	SSW	ESE	SE	ESE	SE
PV	SE	SE	ESE	SE	SE	SE	SE	SE	SE	ESE	NW	NW	WNW	NW	WNW	WNW	WNW	W	WNW	ESE	ESE	SE	ESE	SE	SE

WHOUT -- 00004 <811027.1411>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JAN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-12	-10	-10	-12	-12	-12	-13	-13	-14	-13	-15	-15	-13	-10
12	-14	-14	-14	-15	-16	-15	-15	-16	-17	-15	-11	-10	-10	-8	-8	-8	-8	-10	-10	-12	-13	-14	-13	-13	-12	-8
13	-12	-12	-12	-12	-11	-10	-11	-12	-12	-9	-6	-3	-3	-2	0	-1	-1	-3	-5	-6	-7	-8	-10	-11	-7	0
14	-10	-10	-10	-11	-13	-12	-13	-13	-12	-9	-7	-7	-5	-3	-4	-6	-7	-7	-8	-9	-9	-7	-8	-7	-9	-3
15	-8	-8	-6	-7	-8	-9	-10	-9	-6	-5	-2	-1	-1	-1	-1	0	-1	-2	-4	-5	-5	-8	-8	-8	-5	0
16	-8	-8	-9	-8	-7	-6	-7	-9	-9	-6	-3	0	2	1	2	3	2	0	-1	-1	-1	-1	-1	-1	-3	3
17	0	0	0	0	0	0	-1	-1	-1	1	4	5	4	4	5	7	7	3	2	1	2	0	0	0	2	7
18	0	0	1	0	0	-1	-2	-3	-3	-1	1	3	4	4	3	4	3	2	1	-1	-1	-3	-3	-4	0	4
19	-4	-3	0	-3	-5	-5	-2	-6	-8	-7	-3	-2	0	-1	3	3	2	1	-1	-2	-2	-4	-5	-6	-3	3
20	-6	-8	-9	-9	-9	-9	-7	-8	-9	-6	-2	-2	0	-1	-1	-1	-2	-4	-4	-5	-6	-6	-7	-6	-5	0
21	-3	-3	-2	-2	-2	-3	-3	-3	-4	-2	-1	-6	-6	-6	-6	-5	-5	-5	-6	-7	-7	-7	-8	-8	-5	-1
22	-8	-9	-11	-12	-13	-14	-14	-12	-11	-11	-9	-8	-7	-8	-7	-8	-10	-11	-12	-11	-12	-14	-13	-13	-11	-7
23	-13	-14	-15	-14	-14	-14	-13	-12	-11	-9	-7	-7	-6	-5	-3	-3	-3	-4	-5	-5	-5	-5	-5	-7	-8	-3
24	-9	-9	-9	-9	-10	-11	-12	-12	-11	-10	-7	-9	-6	-4	-2	-1	-1	-1	0	-2	-2	-3	-3	-4	-6	0
25	-2	-3	-5	-6	-7	-8	-8	-7	-8	-7	-5	-4	-3	-2	-1	-1	-1	-2	-3	-4	-3	-5	-6	-7	-5	-1
26	-7	-8	-8	-9	-9	-9	-10	-10	-9	-7	-6	-5	-4	-2	1	1	0	-1	-2	-1	-2	-1	-2	0	-5	1
27	4	2	0	-4	-3	-3	-3	-4	-4	-4	-2	-2	-2	-2	-1	0	-1	-3	-4	-6	-7	-8	-9	-9	-3	4
28	-10	-11	-11	-11	-12	-11	-12	-13	-12	-12	-10	-6	-4	-3	-3	-2	-3	-5	-6	-7	-7	-7	-8	-8	-8	-2
29	-7	-8	-8	-8	-9	-8	-8	-9	-9	-8	-7	-5	-3	-3	-1	0	-1	-2	-4	-4	-6	-7	-8	-10	-6	0
30	-8	-10	-11	-10	-12	-12	-12	-12	-12	-12	-8	-6	-5	-4	0	0	-1	-3	-3	-6	-7	-8	-8	-9	-7	0
31	-7	-9	-10	-10	-11	-11	-12	-11	-10	-8	-9	-7	-3	-2	-2	-3	-3	-4	-4	-6	-7	-8	-9	-10	-7	-2
AV	-7	-7	-7	-8	-9	-9	-9	-9	-9	-7	-5	-4	-3	-3	-2	-2	-2	-3	-4	-5	-6	-7	-7	-7	-6	7
SD	5	5	5	4	5	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	5 [ ]	

QHOUT -- 00000 <811111.1807>

TEMPERATURE [DC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

FEB, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-8	-8	-9	-9	-10	-10	-10	-10	-9	-8	-7	-5	-3	-5	-4	-5	-5	-6	-8	-8	-7	-9	-9	-10	-8	-3
2	-10	-11	-11	-12	-12	-12	-13	-12	-13	-10	-9	-8	-5	-6	-4	-3	-6	-6	-6	-7	-7	-8	-8	-9	-9	-3
3	-9	-9	-10	-10	-11	-9	-10	-9	-9	-9	-8	-8	-4	-7	-7	-9	-10	-14	-15	-16	-17	-17	[RF]	[RF]	-10	-4
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-7	-5	-3	-2	-1	0	-3	-5	-7	-6	-8	-9	-10	-5	0
12	-10	-11	-11	-13	-13	-14	-15	-15	-12	-10	-8	-8	-5	-3	-3	-3	-2	-3	-5	-6	-8	-9	-9	-10	-9	-2
13	-10	-10	-10	-11	-12	-13	-13	-13	-12	-8	-6	-5	-3	-4	-3	-2	-1	-3	-3	-2	-2	-3	-4	-5	-7	-1
14	-5	-5	-5	-6	-5	-5	-6	-6	-5	-6	-4	-2	0	2	3	3	2	1	-1	-1	-1	-1	-1	-2	-2	3
15	-2	-2	-3	-5	-4	-4	-6	-4	-3	-3	0	2	3	6	5	4	3	2	2	2	2	0	1	1	0	6
16	0	0	0	0	-2	-2	-3	-3	-1	1	3	1	4	2	1	0	1	0	0	-2	-1	-3	-3	-4	0	4
17	-3	-4	-5	-6	-6	-7	-5	-8	-6	-5	-4	-2	-3	-2	-1	0	-1	-2	-2	-3	-3	-2	-4	-5	-4	0
18	-5	-5	-5	-5	-5	-6	-7	-6	-5	-3	-1	2	1	1	2	2	2	1	0	0	-3	-4	-4	-4	-2	2
19	-4	-5	-6	-6	-6	-8	-8	-7	-5	-4	-1	0	2	3	5	5	5	4	2	2	0	-1	-2	-2	-2	5
20	-3	-4	-5	-4	-5	-6	-6	-6	-3	0	-1	2	4	5	6	6	6	5	4	3	1	0	-1	-1	0	6
21	-3	-4	-5	-4	-6	-5	-6	-5	-3	1	1	2	4	6	7	6	7	6	4	3	1	-1	0	0	0	7
22	-2	-2	-2	-2	-2	-3	-1	-2	-1	1	4	5	7	8	9	9	9	9	7	6	5	6	5	6	3	9
23	7	8	7	6	6	5	1	2	1	3	6	7	8	8	10	10	10	7	6	4	4	1	0	-1	5	10
24	-3	-4	-4	-5	-6	-7	-7	-7	-6	-2	-1	0	3	4	5	5	4	4	3	2	2	-1	-2	-3	-1	5
25	-3	-4	-4	-6	-6	-6	-7	-6	-4	-2	-1	2	4	4	5	5	5	4	4	1	0	-1	-3	-4	-1	5
26	-4	-3	-4	-6	-6	-5	-6	-5	-3	1	2	3	4	6	9	9	7	5	3	2	2	1	1	0	1	9
27	-2	-3	-2	-2	-2	-1	-1	-1	2	1	3	4	7	8	9	7	7	5	4	4	4	2	0	-1	2	9
28	0	-1	-1	-3	-4	-3	-4	-3	0	0	2	4	7	7	8	10	11	9	7	6	6	5	4	2	3	11
AV	-4	-4	-5	-5	-6	-6	-7	-6	-5	-3	-2	-1	1	2	3	3	3	1	0	-1	-1	-3	-2	-3	-2	11
SD	4	4	4	4	4	4	4	4	4	4	4	5	4	5	5	5	5	6	6	5	5	5	4	4	6	[ ]

QHOUT -- 00000 <811111.1607>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

MAR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	-1	1	2	1	2	5	6	6	5	7	9	9	8	8	7	7	6	5	5	4	4	4	9
2	2	2	3	2	1	1	2	1	3	5	8	7	10	11	9	7	4	2	0	-1	0	-1	-2	-3	3	11
3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-1	0	-1	2	2	2	3	2	-1	-3	-3	-4	-4	-5	-4	-2	3
4	-5	-4	-4	-5	-5	-5	-5	-5	-5	-3	-2	-2	-3	-3	-2	-3	-2	-3	-4	-4	-5	-6	-5	-6	-4	-2
5	-7	-7	-7	-8	-8	-8	-9	-8	-7	-6	-4	-3	-1	0	0	-3	-3	-3	-5	-4	-5	-7	-6	-7	-5	0
6	-8	-8	-9	-9	-10	-10	-11	-8	-7	-4	-2	-2	-1	-1	1	2	0	0	-1	-4	-4	-5	-4	-5	-5	2
7	-3	-5	-4	-6	-5	-6	-6	-5	-3	-2	0	2	2	4	6	6	6	4	5	3	2	1	2	1	0	6
8	-1	-2	-3	-4	-3	-3	-4	-2	-2	0	0	1	3	6	7	7	7	6	5	5	4	4	3	3	2	7
9	3	0	-2	-2	0	0	1	4	5	6	7	9	9	10	11	11	10	10	7	6	6	6	6	6	5	11
10	7	4	4	3	2	1	2	3	4	5	7	10	12	12	14	13	11	11	11	10	9	7	7	5	7	14
11	4	4	4	3	3	3	2	3	3	5	8	9	9	9	9	10	9	8	7	7	6	6	6	5	6	10
12	5	5	5	3	1	-1	-1	-1	-1	-1	2	4	4	4	5	5	5	5	3	3	1	0	-2	-3	2	5
13	-4	-4	-5	-5	-5	-5	-6	-5	-1	1	3	5	5	6	7	7	8	8	6	5	2	2	2	0	1	8
14	-1	-1	-1	-3	-3	-3	-3	-2	0	2	5	6	9	10	8	7	8	7	7	7	6	6	5	5	3	10
15	3	3	2	-1	-1	-1	1	2	4	5	5	7	8	8	6	5	6	5	5	3	2	1	2	1	3	8
16	0	1	0	1	0	1	0	2	3	4	5	5	6	5	5	6	5	5	2	0	-1	-2	-2	-2	2	6
17	-2	0	1	-1	-1	-2	-3	-2	1	2	2	4	6	7	7	6	6	7	6	4	5	3	3	3	3	7
18	1	0	0	-1	-1	-1	-1	0	2	10	11	11	12	12	13	11	12	10	4	-2	-3	-3	-3	-3	4	13
19	-4	-4	-4	-5	-3	-3	-4	-3	-2	0	0	2	2	2	1	1	1	0	-2	-2	-2	-2	-3	-4	-2	2
20	-4	-5	-6	-7	-6	-6	-6	-5	-3	-3	-2	0	1	1	1	1	1	1	0	-1	-3	-4	-4	-4	-3	1
21	-5	-7	-8	-9	-10	-10	-11	-7	-5	-5	-3	-1	0	1	1	1	1	0	-1	-2	-2	-4	-3	-4	-4	1
22	-7	-7	-7	-7	-7	-8	-9	-7	-3	-2	-1	0	2	3	4	4	5	4	3	1	0	0	-1	-3	-2	5
23	-4	-4	-5	-6	-6	-5	-6	-3	-3	-1	0	2	4	5	6	5	6	6	4	2	1	-1	-3	-3	0	6
24	-3	-3	-3	-4	-5	-5	-5	-3	3	4	5	6	8	10	10	10	11	10	9	7	6	5	1	0	3	11
25	-2	-3	-4	-5	-5	-6	-6	-5	-3	-1	1	4	7	9	10	10	10	9	9	8	6	5	6	5	2	10
26	4	6	5	4	3	3	3	3	4	6	6	5	6	4	4	5	5	5	3	2	2	3	2	2	4	6
27	1	2	2	2	2	1	2	1	3	6	6	7	8	10	9	10	10	9	7	6	6	6	6	6	5	10
28	5	5	3	4	6	6	5	6	7	10	11	11	12	12	12	13	12	12	11	10	9	8	8	8	9	13
29	8	7	6	5	3	2	4	-1	-2	-2	-2	-1	0	-2	-3	-4	-2	-1	-1	-2	-3	-3	-4	-7	0	8
30	-7	-6	-5	-6	-5	-3	-5	-5	-3	-2	-1	-1	1	0	0	0	1	1	0	0	-1	-1	-2	-3	-2	1
31	-3	-4	-4	-5	-6	-5	-5	-4	-1	-1	5	8	7	10	12	12	12	11	10	9	9	10	9	9	4	12
AV	-1	-1	-2	-2	-2	-3	-3	-2	0	1	3	4	5	6	6	6	6	5	4	3	2	1	1	0	1	14
SD	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	5	4	5	5 [	1

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

APR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	8	9	10	9	8	8	9	10	10	11	13	11	11	11	11	10	10	8	7	7	4	0	-1	8	13
2	-2	-4	-3	-3	-4	-4	-4	-4	-2	-1	0	2	3	3	5	5	5	5	4	3	1	0	-1	-1	0	5
3	-2	-1	0	-1	0	0	1	2	2	2	4	6	10	12	14	12	12	11	10	9	9	8	7	7	6	14
4	7	7	7	5	3	3	4	5	9	11	11	11	13	12	11	7	4	4	0	-1	-1	-2	-2	-3	5	13
5	-4	-6	-6	-6	-6	-7	-6	-3	-1	0	1	3	4	6	7	5	5	4	4	4	3	3	2	1	0	7
6	0	-1	-2	-3	-3	-4	-3	-2	1	3	5	7	9	13	12	12	11	11	10	7	5	4	2	1	4	13
7	0	0	1	-1	-2	-5	-5	-5	-3	-2	-1	-1	-3	-1	1	-1	-1	0	-2	-3	-4	-4	-3	-7	-2	1
8	-8	-7	-6	-7	-10	-11	-9	-7	-4	-2	-1	0	2	3	3	3	4	4	3	1	0	-1	-2	-3	-2	4
9	-3	-5	-5	-7	-8	-7	-7	-5	-2	-1	1	1	3	4	5	5	6	2	1	-1	-1	-2	-2	-2	-1	6
10	-6	-5	-7	-6	-6	-7	-7	-4	-3	0	2	5	7	8	10	13	12	12	11	9	7	7	8	7	3	13
11	5	5	6	7	8	7	7	9	12	13	12	13	16	17	15	16	15	16	14	9	10	13	14	13	11	17
12	11	11	11	6	4	4	5	5	8	8	10	9	10	11	12	12	13	12	11	9	9	7	4	4	9	13
13	4	2	1	1	-1	-2	0	2	6	8	11	12	15	16	17	18	17	16	17	14	13	11	12	9	9	18
14	8	8	8	7	7	5	6	9	11	13	14	14	16	17	17	18	17	16	15	13	11	9	8	8	11	18
15	8	10	7	6	4	4	5	7	9	9	11	11	11	11	10	10	9	8	8	6	5	3	1	-1	7	11
16	-1	-2	-2	-3	-3	-5	-3	-1	0	1	3	4	4	4	6	6	6	6	4	4	1	-1	-2	-3	1	6
17	-4	-5	-6	-6	-6	-6	-5	-1	-1	2	5	7	9	12	12	13	13	13	12	11	10	8	6	4	4	13
18	2	2	1	-1	-1	-2	-1	4	6	9	10	11	13	13	11	10	10	10	8	5	3	2	0	-2	5	13
19	-3	-5	-5	-5	-7	-8	-7	-5	-3	-2	-1	2	-1	1	1	1	-1	-1	-2	-2	-3	-3	-4	-6	-3	2
20	-6	-8	-7	-7	-8	-8	-8	-6	-4	-3	-2	-1	-1	-2	-1	-2	-2	-2	-2	-2	-3	-3	-4	-4	-4	-1
21	-5	-6	-6	-5	-6	-7	-6	-6	-2	1	4	5	5	6	8	9	9	9	8	5	5	3	3	2	1	9
22	1	-1	-1	-2	-4	-5	-3	0	1	5	8	11	12	13	15	16	16	16	15	13	11	8	8	6	7	16
23	5	4	4	4	2	2	3	5	4	6	8	10	9	12	13	15	13	11	9	8	8	7	7	6	7	15
24	5	4	4	3	2	2	4	7	9	13	15	15	16	16	16	17	16	17	16	14	12	11	10	9	11	17
25	7	5	4	3	3	2	4	7	10	13	16	18	18	17	18	17	17	15	14	14	13	12	9	7	11	18
26	5	4	4	5	5	5	6	8	11	11	11	13	16	14	12	11	12	10	10	7	8	6	7	7	9	16
27	5	5	4	4	3	3	4	6	8	9	10	11	14	14	16	16	16	14	14	12	10	10	7	5	9	16
28	3	3	2	2	-1	1	2	6	8	10	12	15	17	17	19	19	20	20	18	16	16	15	15	13	11	20
29	17	16	14	12	10	9	8	7	9	10	10	11	12	14	14	15	14	14	12	10	8	9	9	7	11	17
30	6	5	6	6	4	3	4	5	7	11	12	14	16	16	18	18	19	18	18	17	15	13	12	11	11	19
AV	2	1	1	1	0	-1	0	2	4	6	7	8	10	10	11	11	11	10	9	7	6	5	4	3	5	20
SD	6	6	6	6	5	6	5	5	5	6	5	5	6	6	5	6	6	6	6	6	6	5	6	6	7	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

MAY, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11	8	9	7	7	8	11	10	15	16	18	19	18	21	22	22	21	19	14	13	12	12	11	11	14	22
2	10	8	8	7	8	8	9	11	13	16	18	19	14	15	16	17	16	15	15	14	13	12	14	14	13	19
3	13	11	10	10	10	11	10	11	13	16	15	16	18	18	18	14	14	12	7	7	8	10	9	10	12	18
4	6	6	5	5	5	5	6	7	10	11	14	15	16	16	16	17	19	18	16	15	13	12	10	8	11	19
5	5	3	4	3	2	1	2	4	6	6	6	7	7	7	8	7	8	8	7	5	2	2	1	-1	5	8
6	-2	-2	-3	-3	-3	-2	0	[RF]	[RF]	[RF]	[RF]	9	10	12	12	14	15	14	14	12	11	10	9	8	7	15
7	8	6	4	2	1	3	4	7	11	13	13	15	15	14	17	13	14	14	13	12	12	11	11	10	10	17
8	10	9	8	8	7	7	8	10	14	13	14	15	18	20	21	19	19	19	18	17	16	15	15	15	14	21
9	13	13	11	11	11	11	12	14	14	14	16	15	16	16	16	14	11	11	11	9	8	4	2	2	11	16
10	3	1	2	-1	1	0	1	4	8	10	8	11	13	12	7	7	6	5	6	6	4	2	1	0	5	13
11	-1	-2	-3	-3	-3	-3	-2	0	2	4	4	5	5	6	8	8	9	9	8	6	5	5	3	3	3	9
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17	7	5	4	3	2	2	5	8	8	11	14	15	17	17	18	20	19	19	18	16	14	13	11	10	12	20
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31	2	0	1	-1	-1	0	2	4	5	8	11	12	15	17	18	20	20	20	19	17	16	14	11	12	10	20
AV	8	7	6	5	5	5	6	8	10	12	14	15	15	16	16	16	16	16	14	13	12	11	10	9	11	27
SD	5	5	4	4	4	4	4	4	4	4	5	5	5	5	5	6	6	6	5	5	5	5	5	5	6	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JUN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	10	9	9	8	8	10	13	15	17	19	20	22	19	16	17	17	17	16	16	14	13	11	10	14	22
2	8	6	6	4	4	5	8	12	14	15	16	18	18	19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	11	19
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4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	22	23	25	24	24	23	22	23	20	19	18	16	14	21	25
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29	22	20	20	20	21	20	22	26	26	28	28	29	29	30	30	31	32	31	30	29	25	23	21	21	26	32
30	21	21	20	22	22	22	20	19	20	21	24	27	27	28	23	20	21	21	20	21	20	19	18	17	21	28
AV	13	12	11	11	10	10	12	15	16	18	21	22	23	23	24	24	23	23	22	21	19	17	16	15	18	34
SD	4	5	4	5	5	5	4	4	4	4	4	4	4	4	4	4	5	4	5	5	5	4	4	4	7	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

JUL, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	17	16	15	15	15	14	16	19	20	21	22	23	25	25	26	27	26	26	25	24	22	20	18	17	21	27
2	16	14	13	13	11	11	12	16	17	18	22	22	25	27	28	28	28	28	28	27	24	22	19	18	20	28
3	19	18	15	13	13	14	15	18	19	23	24	27	29	30	31	31	31	31	30	29	25	24	21	22	23	31
4	22	20	20	21	18	18	19	21	25	27	27	28	29	29	29	30	30	28	26	22	20	19	18	18	24	30
5	18	16	16	15	15	14	14	15	15	17	17	19	18	17	16	16	15	13	8	8	8	7	6	6	14	19
6	5	4	4	4	3	5	6	8	10	12	14	16	17	20	22	21	23	24	24	23	20	18	17	16	14	24
7	15	15	13	11	10	10	12	14	16	19	22	24	25	26	27	28	28	27	26	25	24	21	20	20	20	28
8	18	17	17	16	16	13	12	15	17	20	22	23	25	25	27	25	23	20	13	12	11	12	12	11	18	27
9	13	11	12	13	11	11	12	14	17	19	20	22	22	22	24	25	26	25	25	24	22	19	19	18	19	26
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11	19	19	17	14	14	14	14	16	21	22	25	26	28	28	30	30	27	22	23	22	21	19	17	16	21	30
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13	19	18	17	19	18	18	18	20	24	27	28	30	32	28	29	31	32	31	30	28	27	25	22	21	25	32
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18	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
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21	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
22	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
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28	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	19	23	24	22	22	15	17	19	18	18	17	17	17	15	19	24
29	15	15	14	15	15	15	16	17	18	20	21	22	23	23	25	25	25	25	24	23	22	21	19	19	20	25
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AV	16	15	15	14	13	13	14	16	19	21	22	24	26	26	27	27	27	26	25	23	22	20	18	18	20	33
SD	4	4	4	4	4	3	3	3	4	4	4	3	4	4	4	5	5	5	6	6	5	5	4	4	6	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

AUG, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	21	20	18	19	16	15	17	20	22	25	28	30	33	34	34	34	33	34	32	29	28	28	26	25	26	34
2	24	22	21	20	20	19	20	22	23	25	26	27	28	29	28	25	17	18	18	16	16	16	16	16	21	29
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16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
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20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	22	24	24	24	25	25	25	24	22	21	20	19	18	18	18	22	25
26	16	16	16	16	15	15	16	18	21	23	25	26	28	28	28	26	22	22	24	23	21	21	21	19	21	28
27	17	17	17	17	15	15	15	19	19	21	22	24	26	26	28	30	30	28	27	25	23	21	21	20	22	30
28	18	18	18	18	18	17	18	20	23	25	27	27	22	21	21	25	27	27	25	17	16	16	17	16	21	27
29	15	14	14	13	13	13	14	16	15	16	19	20	23	26	28	28	28	27	26	24	23	21	20	20	20	28
30	19	17	17	16	16	14	14	17	20	22	24	25	26	27	30	29	29	29	27	25	25	21	20	21	22	30
31	20	19	17	15	16	15	16	17	21	23	25	26	28	29	30	30	30	29	29	26	24	22	22	20	23	30
AV	19	18	17	17	16	15	16	19	21	23	25	26	27	28	29	28	28	28	26	24	23	21	21	20	22	34
SD	3	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	4	4	4	4	4	4	3	3	5	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

SEP, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	19	18	17	17	15	14	14	17	20	21	22	26	28	29	29	29	29	30	28	26	24	23	21	18	22	30
2	19	17	18	15	15	14	14	17	19	21	23	25	27	27	28	27	27	28	26	25	21	20	18	16	21	28
3	16	15	14	15	13	12	13	16	19	21	24	26	26	29	30	30	31	31	30	27	25	24	23	21	22	31
4	21	22	19	19	20	18	19	21	24	26	26	28	29	29	30	28	25	24	22	21	20	20	21	20	23	30
5	17	18	17	16	16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	17	18
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	17	19	21	21	22	23	24	24	23	22	20	19	18	16	15	20	24
22	16	14	15	14	14	12	12	14	17	18	21	22	24	25	26	28	27	26	24	23	22	21	19	19	20	28
23	19	18	16	14	14	12	12	14	18	19	21	22	24	26	27	27	27	26	25	22	19	17	16	15	20	27
24	14	14	13	12	12	10	10	11	14	16	18	21	22	23	26	25	24	24	23	21	19	18	18	18	18	26
25	16	17	16	16	16	16	15	15	14	16	17	19	19	19	17	17	18	15	14	14	15	15	14	14	16	19
26	14	14	15	15	15	13	15	15	15	18	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	15	18
27	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
28	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
29	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
30	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	15	15	14	17	17	17	16	15	13	11	10	9	7	14	17
AV	17	17	16	15	15	13	14	16	18	19	21	23	24	24	25	25	25	24	23	21	20	19	18	16	20	31
SD	2	3	2	2	2	2	3	3	3	3	3	4	4	5	5	5	4	5	5	5	4	4	4	4	5	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

OCT, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	4	3	3	3	3	4	5	7	8	10	10	10	10	11	10	10	9	8	7	7	6	5	7	11
2	5	5	4	3	3	3	2	4	6	8	9	9	11	12	12	13	12	12	11	10	8	8	6	6	8	13
3	5	4	4	3	3	1	1	3	6	9	10	12	13	14	16	15	15	14	13	13	12	10	8	8	9	16
4	8	7	7	6	4	4	3	5	8	10	12	13	15	16	19	19	19	18	16	15	15	15	14	13	12	19
5	11	10	10	9	7	6	6	6	6	3	2	3	5	6	7	5	7	6	4	5	4	3	3	1	6	11
6	1	2	2	1	1	1	0	2	4	4	6	9	10	11	13	12	12	11	10	8	6	6	4	4	6	13
7	2	2	0	1	0	0	0	1	2	5	7	9	10	13	13	14	15	13	12	8	7	5	2	0	6	15
8	-1	-1	-1	-1	-1	-1	-2	-1	1	3	5	5	5	6	8	6	6	5	4	3	2	1	0	-1	2	8
9	-1	-2	-2	-2	-3	-3	-3	-1	1	2	4	4	6	6	7	7	6	4	2	3	2	2	1	1	2	7
10	0	0	0	-1	-1	-1	-2	-1	1	3	4	6	7	7	8	8	7	6	4	4	2	1	-1	-1	3	8
11	-2	-3	-3	-3	-4	-3	-4	-3	0	2	5	5	8	10	10	10	9	7	6	5	3	2	3	2	3	10
12	2	1	0	0	0	-1	-1	1	4	6	8	10	11	11	13	13	12	12	10	7	6	5	5	4	6	13
13	4	4	5	5	5	5	5	6	8	7	9	12	13	13	14	14	13	11	9	7	6	5	4	3	8	14
14	3	2	1	1	0	1	-1	1	6	7	[CA]	14	17	17	18	17	17	16	15	12	10	10	9	8	9	18
15	7	6	6	5	4	4	4	7	9	11	13	16	17	18	19	20	19	18	15	15	13	14	12	12	12	20
16	9	10	9	8	6	7	5	7	11	12	14	17	18	19	19	19	20	18	15	13	12	12	11	11	13	20
17	9	9	7	6	4	5	4	6	9	11	14	16	18	20	21	21	20	19	18	18	17	16	13	12	13	21
18	11	10	9	9	7	7	6	8	11	12	14	18	18	20	21	20	18	16	15	13	11	8	7	5	12	21
19	6	5	2	1	-1	-1	0	1	4	6	6	8	8	10	9	9	9	8	7	5	5	4	3	2	5	10
20	0	-1	-1	-1	-2	-3	-3	-2	0	1	4	7	11	12	12	13	12	11	9	8	6	4	4	3	4	13
21	3	2	2	0	0	0	1	2	6	6	10	13	14	14	14	15	14	14	10	9	8	7	6	5	7	15
22	5	3	3	3	3	2	2	3	6	8	9	11	11	13	14	14	14	14	11	9	8	6	6	6	8	14
23	5	5	5	3	3	4	2	4	8	10	12	13	15	17	17	17	17	16	13	12	10	11	9	9	10	17
24	9	8	6	6	6	4	4	5	7	9	11	14	16	18	18	18	17	17	15	14	15	15	14	15	12	18
25	15	15	14	12	12	12	11	13	15	16	17	16	17	18	17	17	18	17	16	14	13	12	11	13	15	18
26	10	9	9	9	10	11	12	12	13	15	16	17	15	14	15	15	14	13	14	13	7	7	6	8	12	17
27	8	6	7	7	6	5	3	1	2	2	2	3	5	5	7	7	6	5	5	3	2	1	1	0	4	8
28	-1	0	0	-2	-1	-2	-1	-1	1	3	4	6	7	9	8	9	9	8	6	6	4	3	4	4	3	9
29	2	2	2	2	2	3	4	4	5	7	9	10	10	10	9	9	9	9	9	9	8	9	8	8	7	10
30	7	8	7	7	6	7	6	7	7	7	9	10	8	9	8	8	9	8	8	7	7	7	6	6	7	10
31	6	6	6	6	5	6	6	6	5	6	5	6	7	7	8	8	7	7	7	7	7	6	6	5	6	8
AV	5	4	4	3	3	3	2	4	6	7	9	10	11	12	13	13	13	12	10	9	8	7	6	6	8	21
SD	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	5	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

NOV, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3	2	2	3	2	2	2	2	5	5	6	7	9	10	11	10	8	7	6	5	5	5	4	4	5	11
2	3	3	2	2	1	1	0	0	1	2	4	6	6	6	7	6	5	3	3	2	2	0	0	0	3	7
3	0	0	-2	-3	-3	-3	-3	-3	-1	0	2	3	4	7	7	7	7	5	3	1	1	0	0	-1	1	7
4	-2	-2	-2	-2	-3	-4	-5	-3	0	2	4	6	6	9	9	10	8	7	6	4	2	1	0	0	2	10
5	-1	-1	-1	-2	-1	-3	-2	-2	2	3	4	6	6	9	10	10	8	7	5	3	3	1	0	1	3	10
6	1	-2	-1	-2	-2	-3	-3	-2	1	2	5	7	7	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	1	7
7	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
8	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[ ]	[ ]
9	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	[OE]	9	8	7	6	4	4	3	4	2	2	5	9
10	2	3	2	2	2	2	2	2	3	7	11	10	10	8	10	9	5	1	2	1	2	1	1	2	4	11
11	1	2	2	1	2	1	1	0	1	1	2	3	6	6	5	6	6	5	3	3	1	0	-1	-1	2	6
12	-4	-4	-4	-4	-4	-5	-5	-5	-4	-3	1	4	5	5	4	6	3	2	0	-1	-1	0	-2	0	-1	6
13	1	2	1	0	-1	-1	-1	-3	-2	-1	3	4	4	6	5	3	3	2	1	-1	-2	-3	-2	-3	1	6
14	-4	-5	-5	-5	-6	-6	-7	-8	-5	-4	-3	-2	0	2	2	1	1	-2	-2	-3	-3	-4	-4	-5	-3	2
15	-6	-6	-6	-6	-6	-7	-7	-7	-5	-3	-2	-1	0	2	2	3	2	1	0	-2	-3	-3	-4	-4	-3	3
16	-5	-5	-5	-6	-7	-6	-8	-8	-5	-4	-2	-1	1	3	4	4	2	1	-1	-1	-1	-3	-3	-2	-2	4
17	-3	-4	-3	-3	-4	-4	-5	-5	-3	-2	0	2	2	5	5	5	5	4	3	2	2	1	0	0	0	5
18	0	-2	-2	-1	-2	-2	-2	-2	-2	1	3	4	6	7	7	8	8	8	8	7	8	8	8	8	4	8
19	9	9	9	8	9	9	9	8	9	8	1	2	5	6	6	6	6	5	4	3	3	2	2	1	6	9
20	1	0	1	-1	-2	-3	-3	-5	-2	1	2	2	2	4	4	3	3	2	2	2	1	0	0	0	1	4
21	-2	-3	-3	-3	-3	-3	-3	-3	-3	0	0	1	2	3	3	3	2	1	1	1	0	0	0	-2	0	3
22	-3	-3	-2	-2	-2	-3	-3	-4	-2	-1	0	1	1	2	2	1	2	0	-1	0	-1	-2	-2	-2	-1	2
23	-3	-3	-3	-4	-6	-6	-6	-7	-5	-4	-2	-2	-2	1	1	1	0	-2	-3	-4	-4	-6	-6	-6	-3	1
24	-7	-7	-7	-8	-9	-8	-8	-8	-7	-5	-5	-4	-5	-4	-3	-4	-3	-3	-3	-3	-3	-4	-4	-3	-5	-3
25	-5	-5	-6	-6	-6	-5	-4	-5	-3	-4	-1	-1	1	2	3	3	3	1	2	0	0	0	-1	-2	-2	3
26	-2	-3	-3	-4	-5	-6	-6	-6	-6	-4	-2	-2	-2	0	2	3	1	0	-1	-3	-5	-4	-4	-4	-3	3
27	-7	-5	-7	-8	-7	-7	-8	-9	-7	-4	-3	-2	0	1	1	2	2	1	0	-1	-2	-2	-4	-3	-3	2
28	-5	-5	-5	-5	-5	-4	-5	-5	-5	-4	-1	1	0	1	2	1	1	1	1	0	1	-1	-2	-2	-2	2
29	-2	-2	-2	-2	-2	-2	-3	-3	-2	-2	-1	0	0	-1	1	2	1	1	1	2	2	2	2	1	0	2
30	5	3	-1	-2	-2	-2	-2	-1	0	3	5	6	9	8	9	8	7	6	6	6	6	6	6	5	4	9
AV	-1	-2	-2	-2	-3	-3	-3	-3	-2	0	1	2	3	4	5	5	4	3	2	1	1	0	-1	-1	0	11
SD	4	4	4	4	4	4	4	4	4	4	3	4	4	3	3	3	3	3	3	3	3	3	3	3	4	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC;03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 11

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3	2	3	3	2	3	2	2	2	4	5	6	4	5	3	2	2	1	2	1	1	1	1	0	3	6
2	1	1	0	0	1	0	0	0	1	3	3	3	3	4	5	4	3	4	2	2	1	-1	-2	-3	1	5
3	-4	-4	-4	-5	-5	-5	-5	-6	-5	-3	-1	1	4	4	4	3	2	2	1	0	0	-2	-3	-4	-1	4
4	-4	-5	-5	-5	-6	-6	-7	-6	-5	-4	-3	-1	0	2	2	3	2	0	1	0	-2	-2	-2	-3	-2	3
5	-2	-2	-3	-4	-3	-4	-4	-4	-4	-3	-1	0	0	2	2	2	2	1	0	0	-1	-2	-2	-3	-1	2
6	-4	-4	-4	-5	-5	-5	-5	-5	-5	-2	2	2	4	7	5	4	4	4	4	3	2	1	0	-1	0	7
7	-2	-3	-3	-4	-4	-3	-4	-4	-3	-2	-1	-1	-1	0	0	1	0	-1	0	-2	-2	-2	-3	-4	-2	1
8	-4	-5	-5	-5	-6	-5	-6	-6	-6	-5	-3	-3	-2	-2	-2	-2	-3	-3	-5	-6	-6	-6	-7	-8	-5	-2
9	-6	-5	-5	-4	-4	-4	-4	-4	-4	-2	-2	-2	-1	0	0	1	0	0	-2	-3	-3	-4	-3	-3	-3	1
10	-3	-3	-3	-3	-3	-3	-3	-2	-1	-1	-1	0	-1	-1	-1	-1	-1	-1	-3	-3	-3	-3	-4	-4	-2	0
11	-4	-5	-6	-4	-4	-3	-4	-4	-3	-1	1	2	1	2	1	1	0	-1	-2	-3	-4	-6	-4	-4	-2	2
12	-4	-5	-3	-3	-3	-3	-3	-3	-1	-1	0	1	1	0	0	-1	-2	-2	-2	-3	-3	-3	-3	-3	-2	1
13	-2	-3	-2	-2	-3	-2	-3	-3	-3	-3	-2	-2	-2	-3	-3	-3	-3	-3	-3	-3	-2	-2	-1	-1	-2	-1
14	-3	-3	-3	-4	-4	-4	-6	-6	-6	-4	-2	2	2	4	1	1	-1	-2	-3	-4	-5	-5	-5	-6	-3	4
15	-6	-7	-6	-7	-7	-6	-6	-6	-5	-3	-3	0	1	3	4	3	2	-1	-1	-2	-2	-2	-2	-3	-3	4
16	-4	-5	-4	-3	-4	-5	-4	-5	-4	-2	-1	2	2	4	2	1	0	0	-1	-2	-3	-3	-4	-4	-2	4
17	-5	-6	-7	-7	-8	-8	-8	-9	-7	-5	-4	-4	0	0	2	3	1	0	-1	-1	-3	-4	-3	-5	-4	3
18	-5	-4	-3	-2	-4	-2	-3	-3	-3	0	2	4	3	4	5	5	3	0	0	0	-2	-3	-4	-5	-1	5
19	-6	-6	-6	-6	-7	-7	-9	-9	-8	-6	-3	-2	0	1	1	2	1	-1	-2	-4	-3	-4	-5	-5	-4	2
20	-6	-6	-6	-7	-8	-8	-8	-9	-6	-7	-4	-1	0	0	2	2	1	-1	-1	-2	-3	-4	-4	-4	-4	2
21	-5	-3	-5	-5	-5	-5	-6	-6	-5	-2	-2	-2	2	3	2	3	2	1	1	-1	-2	-2	-2	-2	-2	3
22	-3	-3	-3	-3	-3	-3	-3	-3	0	5	7	9	10	10	10	8	7	7	5	5	4	3	5	5	3	10
23	7	6	6	7	6	6	6	4	1	1	2	3	4	3	1	1	1	0	0	0	-1	-2	-3	-2	2	7
24	-3	-2	-3	-3	-3	-3	-2	-2	-2	-2	-1	-2	0	-2	-3	-2	-2	-3	-3	-3	-3	-3	-4	-4	-3	0
25	-5	-6	-7	-7	-7	-8	-8	-9	-9	-8	-6	-5	-5	-4	-4	-4	-5	-6	-7	-9	-11	-11	-11	-12	-7	-4
26	-12	-13	-13	-14	-14	-15	-15	-15	-15	-13	-9	-8	-9	-8	-7	-8	-9	-9	-10	-11	-11	-11	-12	-12	-11	-7
27	-12	-13	-14	-14	-15	-15	-14	-15	-15	-11	-9	-11	-7	-7	-7	-8	-9	-9	-8	-8	-9	-10	-9	-10	-11	-7
28	-11	-12	-11	-11	-12	-12	-13	-14	-14	-12	-9	-7	-5	-4	-5	-6	-7	-8	-10	-12	-13	-14	-15	-14	-10	-4
29	-15	-16	-16	-16	-16	-17	-16	-17	-17	-15	-12	-11	-11	-10	-8	-9	-10	-11	-12	-13	-14	-14	-15	-16	-14	-8
30	-16	-17	-16	-16	-17	-18	-19	-19	-18	-16	-14	-13	-11	-10	-8	-9	-10	-11	-12	-14	-14	-14	-16	-15	-14	-8
31	-17	-16	-17	-17	-17	-17	-17	-18	-18	-14	-12	-11	-10	-8	-8	-9	-10	-11	-12	-13	-15	-14	-14	-15	-14	-8
AV	-5	-6	-6	-6	-6	-6	-6	-7	-6	-4	-3	-2	-1	0	0	0	-1	-2	-3	-4	-4	-5	-5	-5	-4	10
SD	5	5	5	5	5	6	6	6	6	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5 [ ]	

QHOUT -- 00000 <811111.1607>

SITE 13

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JAN, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.9	1.3	1.0	1.2	1.1	1.6	1.3	1.3	1.0	1.5	1.5	3.2	5.0	13.0	3.9	4.4	7.8	3.1	3.4	4.8	2.0	2.6	1.8	2.0	3.0	13.0
2	3.0	3.8	7.0	5.7	2.2	1.1	3.8	2.5	1.1	1.5	1.6	2.9	3.4	5.1	3.5	3.4	.8	1.7	1.4	2.1	1.9	1.3	1.2	1.8	2.7	7.0
3	1.3	2.0	1.8	2.0	1.7	1.2	1.8	1.6	.8	.7	1.2	1.9	4.1	2.1	3.0	2.0	1.0	1.2	1.5	1.0	4.4	4.7	4.7	3.9	2.2	4.7
4	2.7	2.0	1.7	2.9	7.6	7.9	9.9	6.8	6.7	5.8	9.3	12.2	11.9	11.5	4.5	3.7	1.0	4.3	3.0	6.8	5.4	5.4	.8	6.5	5.8	12.2
5	3.5	.8	1.9	3.3	2.1	2.2	2.2	1.1	1.8	1.9	2.9	3.6	3.6	2.5	2.0	2.2	1.6	1.4	1.2	1.1	1.0	5.5	2.5	2.8	2.3	5.5
6	2.5	4.7	5.2	6.7	8.3	6.3	6.0	9.4	8.4	7.4	6.3	6.6	7.4	8.2	6.9	8.4	3.9	3.4	4.9	4.3	2.7	1.2	1.4	1.8	5.5	9.4
7	1.9	1.3	1.0	1.0	.8	1.1	.7	1.1	1.0	2.5	1.9	2.5	3.6	2.1	2.4	3.8	1.7	1.5	1.2	1.3	1.8	1.2	.6	.6	1.6	3.8
8	2.2	1.7	1.7	1.7	2.0	2.0	1.7	1.6	1.1	1.7	2.7	3.6	3.3	3.7	3.4	3.0	2.7	1.5	.6	1.7	.7	1.1	1.0	1.1	2.0	3.7
9	1.1	2.0	.8	1.0	1.6	1.2	1.3	.4	.8	1.5	2.3	2.3	2.9	3.5	4.3	4.3	4.8	2.3	1.2	.7	2.0	.6	1.2	1.1	1.9	4.8
10	1.3	1.5	1.7	1.8	.6	1.3	.7	.6	1.6	1.7	2.9	4.0	3.3	3.1	3.1	3.0	2.1	1.0	1.5	1.4	1.2	.5	.8	1.3	1.8	4.0
11	1.3	1.7	.6	.7	.8	1.1	.7	.7	.7	1.5	1.7	3.2	1.8	1.7	2.5	3.3	1.6	2.3	2.4	2.4	1.9	1.7	2.6	1.1	1.7	3.3
12	1.5	1.0	.4	.6	.8	1.2	1.7	.5	1.4	.8	2.6	2.1	3.5	3.0	3.3	2.6	1.1	.7	.5	.8	.8	2.2	1.3	.8	1.5	3.5
13	1.3	1.3	.7	.4	.4	1.3	1.5	.8	2.2	2.5	1.6	2.2	3.1	2.8	2.7	2.4	2.3	3.0	1.9	3.2	4.3	3.2	1.4	1.8	2.0	4.3
14	6.0	2.6	1.2	1.1	1.6	2.0	.8	.7	.8	1.6	3.1	2.1	2.2	3.1	4.5	5.0	2.9	1.6	2.7	1.1	2.3	2.3	4.0	2.2	2.4	6.0
15	2.3	1.8	4.6	5.3	1.8	3.0	2.1	1.7	2.8	1.7	1.6	2.2	3.5	4.9	2.9	3.9	1.7	1.2	3.5	4.3	4.0	1.4	1.2	1.3	2.7	5.3
16	1.8	1.0	1.4	1.6	1.7	1.7	1.6	1.7	1.5	.6	2.2	1.5	4.1	4.4	5.9	6.6	6.3	6.0	8.9	9.3	5.9	2.5	3.1	5.1	3.6	9.3
17	10.8	12.9	8.1	3.7	3.1	2.2	2.6	1.4	5.2	2.9	4.4	4.2	4.5	2.4	2.4	4.9	4.7	5.9	2.6	6.8	3.6	2.3	3.9	2.3	4.5	12.9
18	6.8	6.5	5.7	1.5	2.6	2.1	1.3	2.0	1.2	1.1	1.3	1.9	7.9	3.8	2.9	7.9	9.9	6.6	4.2	1.4	.3	1.7	1.5	1.4	3.5	9.9
19	1.7	1.6	1.3	1.1	1.1	.4	1.4	1.1	1.1	.8	2.1	2.9	5.8	4.4	13.7	15.9	13.7	10.2	4.7	6.0	7.6	1.8	1.8	1.9	4.3	15.9
20	2.1	1.0	1.4	1.6	1.4	1.4	1.6	2.4	2.0	1.6	2.4	7.4	13.3	15.7	15.0	12.9	9.6	7.7	2.2	3.6	3.3	2.3	1.2	3.0	4.8	15.7
21	5.6	11.4	13.8	18.8	18.3	19.6	19.7	17.1	17.3	18.6	12.4	7.8	4.9	8.6	6.7	4.0	8.4	9.3	9.0	2.3	2.1	1.8	1.7	5.2	10.2	19.7
22	8.6	2.3	2.3	5.6	4.4	3.8	1.7	2.9	6.0	4.2	4.1	4.2	8.6	12.5	16.7	17.6	15.4	11.3	11.8	4.3	4.4	5.9	2.6	1.8	6.8	17.6
23	2.4	2.1	2.3	1.6	1.3	1.6	2.1	1.5	2.0	1.4	3.0	3.0	4.5	3.0	3.9	4.1	3.4	2.5	3.2	1.5	1.8	1.5	1.3	1.0	2.3	4.5
24	1.4	2.6	1.3	1.1	1.4	2.0	2.1	2.1	2.9	1.7	3.4	5.1	4.4	2.9	2.1	2.5	2.3	4.5	4.8	3.0	2.9	1.9	2.8	1.7	2.6	5.1
25	1.8	1.9	2.0	.7	1.0	1.0	1.3	1.6	1.7	1.7	1.5	3.7	2.8	2.3	2.9	2.8	.7	.5	.6	.5	1.0	1.3	1.2	.6	1.5	3.7
26	.4	.6	.7	1.4	.8	.7	.5	.7	1.1	1.3	3.1	3.9	4.7	3.0	3.4	2.4	4.5	2.5	1.4	2.6	1.8	2.4	3.0	2.0	2.0	4.7
27	7.5	8.6	12.2	12.9	23.5	21.6	18.9	20.4	13.3	7.1	3.6	3.5	2.3	3.7	3.4	2.3	3.2	2.2	1.8	1.2	1.2	.6	.8	1.0	7.4	23.5
28	1.3	.5	.8	.4	.8	2.6	1.7	.5	1.2	4.7	2.3	3.7	2.6	4.3	4.5	5.2	2.5	1.9	1.6	1.8	1.7	1.5	.1	.7	2.0	5.2
29	1.7	1.9	.8	1.6	1.7	1.3	.8	.5	1.0	2.0	3.4	6.0	5.8	3.8	2.4	2.6	3.5	1.5	4.9	6.6	3.4	2.7	2.1	1.3	2.6	6.6
30	3.0	4.5	1.6	2.0	1.9	2.4	1.4	2.6	2.4	2.4	2.4	2.4	3.1	3.0	1.8	2.8	2.8	1.5	1.5	1.7	.4	1.0	1.7	1.1	2.1	4.5
31	.8	1.0	1.2	1.2	.8	1.0	1.5	1.3	1.8	1.9	4.4	2.1	2.9	2.9	4.8	6.6	6.9	9.6	6.9	7.5	3.8	5.1	2.4	2.9	3.4	9.6
AV	3.0	2.9	2.8	3.0	3.2	3.2	3.1	2.9	3.0	2.8	3.2	3.8	4.7	4.9	4.7	5.0	4.3	3.7	3.3	3.1	2.6	2.3	1.9	2.0	3.3	23.5
SD	2.5	3.0	3.3	3.9	5.1	4.9	4.7	4.6	3.8	3.4	2.4	2.2	2.7	3.6	3.7	3.9	3.8	3.1	2.7	2.4	1.7	1.5	1.1	1.4	3.4	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

FEB, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.6	2.8	1.9	3.0	2.4	2.3	1.0	2.1	1.3	1.5	1.9	3.2	2.5	3.3	3.8	4.7	2.5	1.5	2.7	3.4	4.8	3.3	3.8	1.0	2.6	4.8
2	2.6	3.3	4.2	1.6	1.9	.8	.8	2.0	1.3	2.8	3.3	3.5	4.3	1.7	3.3	4.5	3.5	4.3	5.4	6.5	6.3	8.0	8.2	5.1	3.7	8.2
3	8.3	5.2	3.0	3.5	3.9	1.9	3.4	5.8	5.6	3.4	4.1	2.5	3.1	3.4	4.7	7.4	6.7	9.8	8.4	9.2	7.4	9.7	11.2	13.0	6.0	13.0
4	9.9	7.2	7.9	7.6	6.0	5.4	6.5	7.1	6.0	6.7	7.7	7.6	7.0	7.7	6.2	8.2	8.9	8.0	7.8	5.7	5.9	5.8	4.0	3.5	6.8	9.9
5	5.1	4.9	6.1	8.4	6.7	6.5	6.1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	6.3	8.4
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.4	3.5	3.4	3.2	3.5	3.5	1.7	.4	.4	1.9	3.5	5.0	1.3	.8	2.5	5.0
12	1.6	.7	1.1	2.2	.8	.4	.5	.4	.3	1.4	2.5	3.2	4.2	5.2	5.2	4.8	4.9	2.3	1.0	1.1	2.1	.5	1.1	.8	2.0	5.2
13	1.7	1.1	.7	1.3	1.3	1.2	1.1	1.2	1.6	2.1	2.8	4.0	5.8	6.4	5.8	2.3	3.1	1.1	1.0	1.4	1.4	1.4	.8	2.3	2.2	6.4
14	1.2	.8	.2	.6	1.5	1.6	.8	.4	2.1	3.6	2.7	3.2	3.4	4.2	4.0	5.0	5.4	1.8	1.0	2.1	1.7	1.1	1.5	1.8	2.2	5.4
15	1.6	1.2	1.6	2.0	2.4	1.4	1.9	2.7	1.4	1.2	2.6	3.4	3.5	3.6	5.8	3.8	2.6	3.7	1.4	1.3	1.6	3.0	1.9	1.0	2.4	5.8
16	1.3	.8	1.2	1.5	1.5	1.5	2.0	2.3	2.6	2.8	2.5	1.7	3.3	5.7	5.0	3.3	2.7	6.1	3.4	2.8	1.6	1.5	2.0	1.2	2.5	6.1
17	1.0	2.1	2.0	1.1	1.7	1.0	1.6	2.0	2.0	1.6	2.3	5.0	7.1	5.9	3.9	2.6	2.6	1.6	1.4	1.4	1.2	.6	.8	.4	2.2	7.1
18	.7	1.4	1.1	.8	.5	.8	3.5	1.6	1.8	3.0	4.1	6.3	8.9	6.4	5.2	4.5	6.2	2.4	.7	1.0	3.5	4.2	4.1	4.5	3.2	8.9
19	1.5	2.9	2.4	7.1	1.3	1.4	1.2	1.8	2.5	3.3	2.1	3.5	3.1	4.3	3.2	2.4	2.8	2.6	1.3	2.4	2.9	1.0	4.2	6.1	2.8	7.1
20	3.8	2.8	1.4	3.5	1.3	1.3	.7	3.1	2.3	2.6	2.9	3.1	5.2	5.7	3.8	3.2	3.3	1.8	1.5	2.0	1.1	2.1	1.4	1.0	2.5	5.7
21	1.4	2.2	1.1	1.3	1.0	1.2	1.3	1.0	.6	1.3	3.7	4.0	4.7	3.9	4.1	5.1	4.0	3.0	.7	.4	1.7	1.4	1.5	2.4	2.2	5.1
22	1.6	1.1	1.1	.8	1.2	1.2	1.2	.8	1.0	1.6	3.0	3.9	4.8	4.7	4.2	2.9	2.8	1.4	1.5	3.8	2.1	1.2	1.5	4.8	2.3	4.8
23	1.8	2.5	1.7	6.6	7.8	5.9	8.3	7.4	5.4	5.0	3.2	5.2	10.6	9.8	13.6	14.3	12.6	7.8	2.9	4.5	3.0	1.9	2.5	3.6	6.2	14.3
24	2.2	3.8	3.4	3.7	3.4	1.9	2.1	5.1	3.6	3.1	3.9	4.5	4.5	3.9	3.0	3.0	4.0	2.2	.7	.4	.8	1.5	1.3	.4	2.8	5.1
25	.7	.5	1.2	1.1	.8	.5	.3	.5	.5	2.0	3.1	3.0	3.5	4.0	4.9	3.6	3.5	2.7	.6	1.0	3.4	5.1	.8	1.5	2.0	5.1
26	3.0	1.3	1.1	.6	1.8	.6	.8	1.9	1.2	1.8	3.2	3.3	5.8	3.3	3.3	3.9	8.6	6.4	5.9	2.8	3.6	4.6	3.9	2.3	3.1	8.6
27	2.0	.6	1.0	.6	.7	1.0	1.6	3.1	1.4	1.0	3.2	3.3	4.4	7.1	4.8	8.0	4.5	9.4	8.1	10.5	6.9	7.3	3.0	2.5	4.0	10.5
28	3.2	3.5	2.0	1.8	.8	2.5	1.0	1.9	2.5	2.8	4.1	4.1	4.2	5.1	5.6	4.2	2.8	2.2	2.8	7.5	8.0	6.4	2.3	3.3	3.5	8.0
AV	2.6	2.4	2.2	2.8	2.3	1.9	2.2	2.6	2.2	2.6	3.2	3.9	4.9	4.9	4.9	4.8	4.5	3.8	2.8	3.3	3.4	3.5	2.9	2.9	3.2	14.3
SD	2.4	1.7	1.8	2.5	2.0	1.7	2.1	2.1	1.6	1.4	1.2	1.3	2.0	1.8	2.2	2.7	2.6	2.8	2.6	2.9	2.2	2.7	2.5	2.8	2.4	[ ]

WHOUT -- 00000 (811111.1807)

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

MAR, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.6	.8	.4	1.5	.2	.8	1.2	1.7	1.5	1.5	4.1	6.3	3.4	5.8	10.7	5.7	9.7	13.9	12.0	11.8	7.8	8.6	5.7	6.7	5.2	13.9
2	4.5	1.5	1.8	.5	1.3	1.7	1.4	1.8	3.1	6.0	13.4	13.3	13.2	15.8	10.7	10.4	7.7	5.4	8.4	5.6	4.5	6.7	7.8	2.4	6.2	15.8
3	3.1	2.4	3.9	8.2	1.7	3.1	1.0	1.0	1.7	2.5	.4	.7	.0	1.7	3.8	3.5	3.8	3.7	5.7	5.0	3.5	2.2	2.0	3.0	2.8	8.2
4	2.0	1.3	.7	1.0	3.0	3.7	2.2	1.1	.2	.8	2.4	2.8	4.1	4.0	6.6	7.4	5.5	4.7	5.7	2.1	.1	1.1	.6	1.2	2.7	7.4
5	1.6	.8	.5	1.3	.7	1.4	1.4	.7	1.4	1.7	1.9	2.5	1.6	.7	.6	1.3	.7	1.3	1.5	.7	1.1	1.7	2.2	2.6	1.3	2.6
6	4.0	4.2	5.2	4.7	3.7	1.2	2.1	5.4	5.3	3.4	6.3	8.1	6.3	6.5	4.4	4.5	4.4	4.0	1.7	3.1	3.3	1.9	1.6	3.6	4.1	8.1
7	2.7	4.5	3.1	4.0	.8	.6	1.3	1.4	.7	1.5	1.9	2.1	2.9	3.7	4.6	5.0	4.1	3.3	1.1	2.2	2.8	5.0	3.7	2.8	2.7	5.0
8	4.9	.5	.6	1.4	.8	.6	1.1	.5	1.9	2.9	3.1	3.5	2.3	3.4	2.9	3.4	3.8	1.2	2.5	5.7	5.0	5.0	1.9	3.4	2.6	5.7
9	4.7	4.6	4.2	2.3	4.9	1.7	2.0	2.9	3.2	2.5	5.0	3.8	7.1	7.9	9.1	8.4	8.8	7.5	7.0	8.6	7.7	6.7	4.5	6.8	5.5	9.1
10	4.5	1.5	1.8	1.8	1.2	.5	.4	1.0	.5	2.0	.7	2.3	8.9	4.9	4.8	9.2	8.5	6.2	5.0	7.3	2.9	1.5	1.3	3.3	3.4	9.2
11	2.7	3.2	3.1	3.2	1.7	1.1	.5	1.4	1.7	3.8	14.2	15.3	16.1	16.6	15.7	14.6	11.7	12.0	10.3	12.1	12.7	11.7	13.1	15.6	8.9	16.6
12	12.2	7.7	11.3	14.4	15.1	12.4	10.2	7.2	8.0	8.3	11.1	15.9	14.5	13.5	12.3	11.9	9.8	6.9	4.9	2.1	2.2	4.4	5.7	2.3	9.3	15.9
13	2.3	.8	1.3	3.1	.8	1.3	1.2	1.3	1.7	3.9	4.4	4.1	5.9	6.1	5.6	4.9	3.4	4.4	1.5	.7	2.4	5.8	1.5	3.8	3.0	6.1
14	4.5	2.2	2.9	4.0	2.6	1.5	.5	1.1	2.2	1.9	3.8	3.2	3.8	9.7	13.9	13.1	9.3	7.7	5.9	7.9	8.4	7.5	8.7	4.4	5.4	13.9
15	2.9	4.7	11.5	4.5	3.7	4.4	4.5	2.9	7.7	8.4	11.4	13.5	13.2	12.5	13.9	10.6	9.3	8.3	10.7	7.8	9.1	4.8	5.0	2.5	7.8	13.9
16	1.1	1.4	1.2	2.1	2.9	6.9	5.2	7.4	10.0	16.5	15.8	15.8	13.9	13.8	16.6	19.0	16.2	12.6	13.8	4.2	6.3	1.8	1.6	2.2	8.7	19.0
17	2.0	5.4	10.7	9.9	5.8	2.4	1.5	1.8	3.8	3.5	6.7	4.9	8.9	11.3	8.8	8.2	8.3	4.7	4.0	4.3	4.9	5.7	1.8	6.5	5.7	11.3
18	4.2	7.9	6.2	2.5	1.1	2.3	2.8	1.2	2.8	12.6	17.6	18.7	19.7	17.0	20.0	17.9	15.9	16.3	19.7	12.9	2.2	3.3	1.1	11.7	9.9	20.0
19	7.9	7.8	7.9	7.0	6.3	3.3	2.4	1.3	3.9	7.6	11.3	11.4	11.2	12.5	13.2	9.0	15.3	16.2	17.1	14.1	12.2	10.4	8.5	5.3	9.3	17.1
20	4.4	3.1	2.2	4.9	5.5	3.9	2.5	4.9	4.8	9.8	13.1	10.3	10.4	9.7	8.2	6.2	6.5	7.6	6.5	3.6	3.4	3.4	1.2	.5	5.7	13.1
21	1.2	2.4	2.6	1.3	1.0	1.0	1.0	.7	2.4	4.5	4.2	4.8	5.5	5.3	5.8	7.2	6.3	7.5	8.9	9.8	9.8	5.0	1.1	5.2	4.4	9.8
22	5.3	5.7	4.3	3.2	1.3	1.7	2.1	2.8	3.3	3.7	5.1	6.3	6.0	5.8	6.6	7.1	5.4	5.4	2.3	3.5	4.4	5.9	2.3	1.8	4.2	7.1
23	3.9	8.5	.7	1.6	2.1	5.2	2.0	3.3	6.0	7.8	8.0	10.6	9.4	8.5	6.6	5.7	6.0	5.4	2.5	.7	2.2	3.8	2.7	2.9	4.8	10.6
24	4.1	3.2	2.2	3.3	1.6	2.7	1.8	4.0	2.4	4.1	6.3	6.0	6.3	8.9	9.0	7.4	7.0	5.8	9.7	6.0	6.6	5.4	5.9	7.6	5.3	9.7
25	7.2	5.2	6.1	5.7	2.1	1.5	1.4	2.1	1.7	2.9	3.4	4.2	5.0	4.4	6.0	5.8	3.3	2.9	1.2	.5	3.2	6.5	1.0	3.1	3.6	7.2
26	5.0	2.2	.6	1.7	1.5	.8	.6	1.4	3.2	4.4	7.9	4.8	5.8	8.3	3.2	3.2	2.7	3.4	3.8	1.6	1.0	1.8	1.9	2.2	3.0	8.3
27	2.5	.6	1.1	1.8	1.2	1.3	1.2	1.6	1.9	2.2	2.0	3.7	4.8	4.3	4.0	4.2	3.9	6.4	7.8	7.7	7.4	7.0	6.3	5.1	3.8	7.8
28	5.9	3.1	6.2	7.0	8.3	8.3	9.9	7.1	8.1	9.8	14.5	14.4	16.0	16.0	12.9	15.1	18.9	14.9	14.0	15.2	7.7	5.3	7.0	10.5	10.7	18.9
29	11.6	10.1	13.0	10.6	4.3	7.9	12.1	8.9	5.4	3.4	6.4	8.8	10.5	15.8	11.6	8.6	6.0	8.6	8.2	7.2	7.6	5.6	4.3	2.5	8.3	15.8
30	3.4	1.4	1.2	2.9	3.1	1.6	6.5	9.5	9.3	14.0	13.3	16.7	19.2	18.0	12.0	13.6	13.1	12.6	8.4	3.5	3.9	6.5	8.5	1.7	8.5	19.2
31	2.3	1.4	1.5	1.2	1.9	1.0	1.1	1.1	1.9	3.3	7.7	11.8	9.4	9.5	12.1	12.1	14.5	11.7	8.5	11.2	12.1	11.7	11.9	13.0	7.2	14.5
AV	4.2	3.6	3.9	4.0	3.0	2.8	2.7	2.9	3.6	5.2	7.3	8.1	8.6	9.1	8.9	8.5	8.1	7.5	7.1	6.1	5.4	5.3	4.3	4.7	5.6	20.0
SD	2.6	2.7	3.6	3.2	3.0	2.7	3.0	2.6	2.7	4.0	4.9	5.3	5.2	5.0	4.6	4.4	4.6	4.3	4.8	4.3	3.4	2.8	3.4	3.6	4.4	[ ]

QHOUT -- 00000 (811111.1807)

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

APR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13.7	10.3	9.6	9.3	8.1	6.2	.4	4.1	12.1	16.2	17.6	18.2	17.2	16.8	17.0	20.3	18.9	16.2	15.3	12.9	12.4	10.3	11.0	8.4	12.6	20.3
2	11.7	14.1	15.6	14.3	11.9	14.3	17.2	16.3	14.4	12.9	14.7	17.5	17.6	15.0	13.4	11.8	12.6	11.2	7.7	7.7	4.0	5.3	4.2	3.9	12.1	17.6
3	2.8	7.5	3.7	2.0	3.5	1.4	.5	.5	2.8	5.1	3.7	5.4	6.5	6.9	11.5	12.9	12.9	8.9	5.9	5.0	6.8	9.6	11.9	13.1	6.3	13.1
4	10.3	9.4	8.7	3.5	3.1	2.6	1.1	3.8	5.8	14.5	20.6	19.9	20.4	20.2	25.6	25.1	21.6	19.2	21.3	20.7	17.1	14.8	13.7	9.3	13.8	25.6
5	4.0	4.3	3.5	4.2	4.2	5.9	4.3	4.0	3.7	4.4	5.3	5.6	5.0	6.4	6.2	5.2	5.3	3.7	3.5	5.1	1.2	1.0	.8	1.7	4.1	6.4
6	1.2	1.1	1.7	4.5	1.0	.8	.7	.6	2.4	3.5	5.7	8.9	7.5	14.7	16.3	17.7	14.9	14.4	9.9	3.8	2.1	3.5	1.0	3.2	5.9	17.7
7	3.1	4.2	3.2	6.3	7.8	10.8	7.5	6.0	4.9	2.8	4.2	12.4	15.8	10.2	5.5	6.8	10.3	6.7	7.2	3.2	1.9	1.1	1.7	2.5	6.1	15.8
8	5.1	5.8	3.4	3.0	5.6	3.0	5.3	2.4	3.0	6.8	7.7	12.5	11.0	14.1	13.2	8.4	12.0	13.6	13.9	11.3	6.3	4.7	7.6	6.7	7.8	14.1
9	5.0	3.4	1.5	5.3	5.0	2.0	2.6	3.9	3.5	6.8	7.4	10.0	8.8	11.1	11.8	8.5	12.4	9.9	7.0	2.9	.5	2.6	2.7	1.9	5.7	12.4
10	5.8	2.2	3.6	4.8	3.9	2.1	1.9	2.1	3.8	5.2	6.6	5.3	4.7	5.0	5.4	5.3	2.5	4.2	7.5	7.1	7.9	3.7	4.3	3.8	4.5	7.9
11	1.7	1.1	1.6	2.5	3.3	1.4	1.8	4.3	9.0	10.3	9.2	7.6	6.2	10.2	11.8	10.5	12.4	11.8	5.8	3.7	8.6	14.0	16.5	16.2	7.6	16.5
12	13.0	11.8	15.8	13.9	4.7	4.1	4.2	2.7	3.2	4.1	6.3	7.0	12.3	12.0	11.6	11.2	12.0	8.1	7.4	4.4	1.7	2.3	5.8	6.2	7.7	15.8
13	4.5	1.3	3.9	1.5	2.2	2.4	1.0	1.8	3.3	4.1	4.7	6.2	5.3	7.0	6.5	7.8	12.3	9.7	7.8	5.9	9.5	8.4	5.5	7.9	5.4	12.3
14	4.4	3.4	2.5	1.1	1.3	1.6	1.3	1.1	3.5	6.0	8.4	10.4	14.5	14.1	14.1	14.3	8.5	9.7	6.8	2.2	5.2	6.8	6.7	3.9	6.3	14.5
15	2.1	2.4	2.0	2.1	1.4	1.3	1.8	4.5	5.4	8.3	8.0	9.8	13.9	14.8	13.9	17.5	15.9	13.9	12.6	6.9	4.3	7.8	2.8	4.1	7.4	17.5
16	6.1	7.0	7.1	5.1	4.4	4.7	5.3	7.9	9.1	6.8	6.6	5.9	6.6	6.6	6.1	5.9	5.1	4.1	3.4	1.2	3.5	4.5	4.2	5.3	5.5	9.1
17	1.4	1.2	1.2	1.5	1.7	.7	1.3	2.4	3.6	4.6	4.4	5.8	7.7	5.1	4.4	8.1	7.2	6.4	4.5	5.2	5.8	3.0	1.2	.8	3.7	8.1
18	4.8	5.0	2.1	1.1	.7	.7	1.1	1.7	2.5	4.5	9.7	16.8	19.5	21.5	22.0	20.3	20.3	20.2	19.2	14.4	12.0	15.1	10.3	4.9	10.4	22.0
19	5.1	2.2	1.0	1.6	1.1	1.3	.7	3.1	3.5	5.3	5.7	8.5	6.5	8.7	9.4	8.6	11.2	11.0	8.1	6.5	8.4	9.0	9.2	11.1	6.1	11.2
20	7.1	4.4	4.5	2.0	2.1	1.5	1.9	6.8	14.3	16.1	14.6	13.4	11.4	11.3	9.3	9.6	6.4	8.7	8.6	7.3	4.0	3.0	1.6	1.8	7.2	16.1
21	1.5	2.3	2.6	1.1	1.0	.7	1.5	3.3	4.0	9.8	11.7	9.5	10.7	11.6	8.8	8.4	9.0	9.0	10.6	6.3	6.0	3.7	1.1	1.2	5.6	11.7
22	1.9	.8	1.5	2.2	1.1	1.0	.7	2.4	3.2	4.5	5.7	6.6	6.2	9.3	7.2	7.8	8.7	7.1	6.6	1.2	1.4	8.1	7.7	2.6	4.4	9.3
23	3.2	2.8	1.6	3.0	2.5	1.2	1.1	4.2	8.8	6.7	5.2	6.2	6.6	4.1	4.3	4.6	10.1	14.7	11.0	8.6	7.6	6.8	4.9	3.7	5.6	14.7
24	1.3	2.2	1.9	2.4	2.6	3.3	1.6	1.5	2.9	3.2	4.9	5.0	7.5	6.7	8.4	6.3	8.4	5.0	7.9	13.7	14.5	9.3	6.2	4.3	5.5	14.5
25	2.2	3.3	4.3	4.1	2.2	3.9	2.1	2.1	2.8	4.2	3.9	7.2	6.7	11.1	11.8	7.4	7.8	5.9	7.7	7.5	2.1	2.0	1.6	2.5	4.9	11.8
26	1.6	3.5	7.0	7.0	4.5	3.2	3.2	4.0	4.0	6.5	8.3	6.1	6.5	8.1	15.5	6.4	5.6	5.7	3.5	8.7	6.5	2.5	4.3	5.9	5.8	15.5
27	2.2	3.2	2.8	1.9	2.0	3.9	4.5	5.4	4.8	7.0	5.1	6.7	6.9	8.3	7.4	5.4	7.7	8.6	5.2	2.4	2.9	2.5	3.5	2.4	4.7	8.6
28	3.0	2.8	4.2	1.4	2.5	1.7	1.3	2.3	4.1	4.8	4.2	4.2	5.8	9.4	6.4	6.0	5.1	3.8	7.2	10.1	11.0	9.8	12.3	9.8	5.6	12.3
29	13.0	12.9	10.1	9.2	13.8	17.0	12.7	6.2	4.0	6.1	8.2	11.0	9.8	8.7	9.7	9.8	8.5	7.2	5.7	3.4	3.8	5.2	4.5	4.9	8.6	17.0
30	6.1	4.5	3.3	3.7	2.1	1.7	2.2	3.0	2.2	3.9	4.5	4.7	6.2	5.6	4.5	5.4	4.3	4.8	3.2	2.0	1.5	5.5	9.0	3.1	4.0	9.0
AV	5.0	4.7	4.5	4.2	3.7	3.5	3.1	3.8	5.2	6.8	7.8	9.1	9.7	10.5	10.6	10.1	10.3	9.4	8.4	6.7	6.0	6.2	5.9	5.2	6.7	25.6
SD	3.8	3.6	3.9	3.5	3.1	3.9	3.7	3.0	3.4	3.7	4.2	4.3	4.6	4.4	5.2	5.3	4.7	4.5	4.4	4.5	4.2	4.0	4.2	3.7	4.7	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

MAY, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	1.7	2.1	3.7	4.1	3.7	2.9	3.9	3.6	6.6	4.6	7.2	11.2	9.0	9.3	5.6	4.5	11.1	16.5	12.3	10.8	11.3	14.6	8.1	7.1	16.5
2	1.6	3.0	4.4	1.6	.3	.4	.0	1.3	2.6	3.5	4.1	5.2	9.2	3.5	5.0	2.5	2.2	5.5	5.9	8.1	5.5	4.7	5.9	3.8	3.7	9.2
3	5.5	7.4	6.9	2.5	3.0	2.4	3.3	4.1	6.1	9.0	12.6	8.3	10.3	10.5	10.6	5.5	4.5	7.2	8.5	6.8	5.6	2.1	.8	2.1	6.1	12.6
4	2.2	1.9	2.8	2.1	1.7	1.9	3.7	2.0	2.6	3.7	6.0	6.6	10.8	10.1	11.6	8.5	12.9	12.5	8.9	8.6	5.7	6.9	3.3	1.5	5.8	12.9
5	3.7	4.2	2.3	4.4	4.2	3.7	2.9	4.0	5.2	6.4	6.1	10.3	7.9	10.6	11.0	8.8	9.3	6.5	4.3	1.9	1.3	3.7	3.6	5.8	5.5	11.0
6	3.6	4.5	3.6	6.1	1.9	.8	3.1	2.2	3.6	6.8	5.3	7.2	7.1	6.9	6.4	5.9	3.9	3.6	2.6	9.9	13.2	13.0	11.5	6.6	5.8	13.2
7	5.8	6.2	6.8	6.8	6.3	5.7	5.3	2.4	2.9	5.5	8.8	11.3	12.3	13.2	9.8	11.8	6.1	8.1	8.0	5.6	5.7	2.2	3.4	3.1	6.8	13.2
8	6.6	2.6	1.7	1.4	2.7	3.5	3.3	4.2	3.2	3.7	8.5	4.5	11.0	17.6	18.6	16.4	16.6	15.2	11.7	5.8	6.1	5.1	5.4	10.6	7.8	18.6
9	7.7	8.5	7.7	11.1	13.1	7.5	9.2	9.5	16.4	15.6	16.7	21.5	21.6	17.1	21.9	18.1	14.4	9.5	4.3	4.8	11.2	6.3	6.9	6.1	11.9	21.9
10	5.9	6.3	3.3	4.9	4.9	4.0	5.9	5.6	9.3	14.4	15.0	16.7	14.2	13.0	8.6	11.8	11.9	9.3	5.9	6.1	5.9	10.6	7.9	4.0	8.6	16.7
11	5.4	4.2	4.0	4.6	5.0	1.7	2.0	2.5	3.3	3.4	4.4	7.8	8.6	7.0	7.7	10.2	7.1	4.3	5.0	5.3	3.8	4.2	4.2	2.2	4.9	10.2
12	.8	1.4	2.3	1.2	1.0	2.5	3.7	4.3	5.2	2.4	2.2	4.2	4.2	6.0	8.9	9.2	6.2	8.7	7.0	10.6	6.0	4.6	1.7	1.6	4.4	10.6
13	2.4	1.7	3.1	8.0	4.9	3.4	2.5	4.7	7.5	9.2	9.0	10.0	14.8	14.7	14.2	14.1	12.0	11.5	8.3	6.0	3.1	1.4	2.0	2.3	7.1	14.8
14	3.9	1.8	5.1	5.3	2.6	3.4	2.2	2.1	4.9	4.7	4.2	4.8	4.9	4.7	5.3	4.6	3.9	9.0	8.3	5.4	4.6	4.7	6.8	5.1	4.7	9.0
15	3.4	5.0	3.9	1.6	2.4	2.2	3.5	2.4	3.7	5.2	4.5	4.4	5.8	14.4	10.2	8.0	3.3	7.2	11.2	5.1	5.3	5.6	2.6	4.1	5.2	14.4
16	3.6	4.9	4.4	2.6	2.2	4.3	2.2	2.4	2.4	3.0	4.1	4.2	7.1	10.2	7.5	7.2	6.6	6.8	11.4	2.5	4.8	4.6	3.6	2.6	4.8	11.4
17	3.9	6.2	2.2	1.2	2.5	1.7	2.0	2.2	3.8	3.8	3.5	5.2	7.5	8.2	5.8	4.7	5.2	2.9	3.0	2.2	6.7	8.7	4.7	4.9	4.3	8.7
18	5.2	2.0	3.2	3.8	2.5	5.9	5.5	2.4	7.1	12.6	13.3	14.0	14.8	14.5	13.3	13.8	12.7	10.7	11.6	9.2	5.3	4.7	3.3	4.8	8.2	14.8
19	5.3	3.1	2.5	4.6	5.9	7.2	13.0	14.7	5.1	3.3	3.8	7.7	9.4	12.9	4.5	4.1	8.1	5.2	5.6	1.7	1.7	1.5	8.8	4.8	6.0	14.7
20	2.5	3.8	6.1	1.8	2.0	1.9	2.3	1.5	3.7	3.6	3.3	6.1	5.4	6.4	6.5	5.8	4.8	3.5	4.0	3.7	6.5	6.9	6.5	5.8	4.4	6.9
21	5.6	3.4	1.8	3.1	2.0	.8	1.2	1.7	3.4	4.0	3.6	4.2	4.4	4.4	6.2	6.8	6.1	6.1	6.2	6.2	8.2	9.8	8.6	6.8	4.8	9.8
22	4.1	2.3	1.8	1.3	2.0	2.9	2.2	1.5	3.7	4.2	3.9	4.8	5.4	5.2	11.0	6.8	9.0	11.8	11.4	6.2	3.3	2.9	4.4	3.3	4.8	11.8
23	2.6	5.7	3.8	5.9	2.2	2.0	2.3	3.0	4.0	7.0	8.2	6.9	5.5	5.3	7.7	6.2	8.6	6.4	6.8	6.5	7.9	3.9	1.9	2.6	5.1	8.6
24	2.5	1.2	3.7	2.4	2.2	2.4	1.4	2.4	3.1	4.5	6.5	5.3	6.3	7.2	14.5	15.6	9.5	11.1	13.4	11.5	7.2	6.0	4.0	4.0	6.2	15.6
25	2.0	1.2	1.6	3.6	1.2	1.7	.6	2.1	4.5	4.3	4.2	7.1	8.3	8.0	7.9	6.4	5.7	4.5	8.1	6.4	9.3	9.0	6.9	6.0	5.0	9.3
26	6.0	8.2	9.9	7.2	6.3	1.2	2.9	2.6	2.9	4.0	4.5	5.3	5.2	5.2	4.9	6.5	11.2	9.0	8.4	5.6	8.0	10.3	11.1	8.6	6.5	11.2
27	11.6	4.9	5.7	6.6	3.2	5.4	3.2	4.1	12.6	14.4	12.5	11.6	8.4	4.9	7.6	8.0	12.1	15.4	13.3	10.8	13.3	13.8	15.0	13.7	9.7	15.4
28	12.1	9.0	15.6	13.8	14.5	14.9	9.7	4.2	9.6	10.9	13.8	12.1	11.7	10.5	14.2	13.4	10.5	10.8	9.4	11.2	6.7	3.1	1.9	4.4	10.3	15.6
29	5.4	1.7	1.4	3.1	4.5	5.5	2.6	3.9	3.0	4.2	5.4	5.8	6.4	6.8	5.9	8.2	12.2	11.9	10.6	7.0	4.1	1.7	1.5	6.3	5.4	12.2
30	5.7	3.4	7.7	6.1	6.6	5.8	8.3	9.0	8.6	6.3	10.0	15.9	4.9	4.8	3.7	5.0	5.4	4.5	5.4	.5	3.3	3.8	6.8	3.0	6.0	15.9
31	3.0	6.3	2.2	3.1	2.9	1.9	1.5	2.3	3.2	4.9	4.2	5.6	5.0	4.7	6.0	5.3	6.3	5.6	7.1	4.8	4.9	6.3	6.1	5.4	4.5	7.1
AV	4.6	4.1	4.3	4.4	3.9	3.6	3.7	3.7	5.2	6.3	7.0	8.1	8.7	9.0	9.2	8.5	8.2	8.2	8.1	6.4	6.3	5.9	5.7	5.0	6.2	21.9
SD	2.6	2.3	3.0	2.9	3.1	2.8	2.9	2.8	3.2	3.7	4.0	4.3	3.9	4.0	4.2	4.0	3.7	3.4	3.3	3.0	2.9	3.4	3.7	2.7	3.8	[ ]

QHOUT -- QUOOO <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JUN, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.4	1.3	1.1	1.5	1.5	.7	.7	.8	3.2	3.9	10.5	9.6	13.4	12.9	22.9	18.4	15.0	15.1	17.9	16.1	10.7	11.4	8.1	4.9	8.6	22.9
2	4.9	2.8	3.1	3.4	6.1	4.4	4.0	2.8	3.7	4.7	7.2	10.6	9.5	9.5	9.6	8.3	8.3	8.1	11.3	9.5	8.3	9.8	8.2	2.9	6.7	11.3
3	3.0	1.4	1.0	1.9	3.1	5.3	1.8	1.4	2.4	5.2	6.5	7.0	9.5	7.6	7.6	8.2	5.2	5.4	3.3	3.3	2.5	4.2	4.3	7.3	4.5	9.5
4	7.8	6.9	2.1	1.3	1.3	3.4	2.3	2.4	11.1	14.9	11.1	14.9	16.7	15.2	19.2	16.2	16.5	16.0	12.2	5.8	5.1	1.9	3.5	2.3	8.8	19.2
5	6.8	5.2	8.2	7.3	6.1	2.2	1.6	2.1	7.5	15.3	16.8	16.0	18.4	16.3	23.0	21.6	22.0	18.6	17.9	17.7	15.9	5.7	2.5	2.8	11.6	23.0
6	4.1	2.1	3.3	5.3	7.7	1.4	2.3	3.7	5.6	6.1	5.7	5.9	7.8	9.4	10.0	10.1	10.2	9.6	8.1	4.9	1.9	6.4	10.1	8.7	6.3	10.2
7	5.1	4.7	1.0	1.3	1.6	1.0	1.1	2.9	4.4	3.7	6.9	10.8	15.7	13.0	17.3	15.1	15.6	16.2	13.4	10.0	9.4	8.6	9.8	8.7	8.2	17.3
8	6.7	6.9	6.8	4.7	2.3	1.8	5.6	9.3	13.8	13.3	13.5	11.9	15.0	13.1	15.3	16.1	15.8	15.0	11.4	10.5	6.3	4.9	8.8	11.3	10.0	16.1
9	7.8	9.8	7.4	5.0	2.6	3.1	3.4	3.5	5.4	6.6	5.0	5.7	5.4	7.4	6.5	7.8	6.9	5.4	3.9	2.0	2.3	7.2	4.5	2.6	5.3	9.8
10	4.5	1.2	1.6	.9	1.8	2.1	1.6	2.3	3.2	4.2	4.6	4.8	4.6	5.1	5.9	7.8	8.8	7.2	6.0	8.5	10.0	7.3	2.9	2.1	4.5	10.0
11	3.3	.8	1.4	2.1	1.9	4.1	1.8	3.1	3.9	3.2	6.0	3.8	7.8	6.8	8.3	7.4	8.5	7.1	5.3	2.6	3.8	4.3	5.5	4.7	4.5	8.5
12	5.3	2.2	3.4	3.9	5.0	1.6	1.5	3.1	4.1	4.0	6.2	5.0	5.3	4.3	8.1	7.4	9.3	8.8	6.0	5.2	2.3	4.0	4.7	3.8	4.8	9.3
13	5.0	7.6	2.8	2.2	1.1	1.3	2.3	1.8	4.5	8.0	10.2	11.8	10.8	9.9	11.2	12.1	10.7	9.9	6.4	3.9	3.4	8.2	7.4	4.2	6.5	12.1
14	3.9	2.3	6.7	3.8	4.7	1.6	2.6	4.0	5.0	5.7	5.9	7.1	11.3	13.0	15.4	12.4	10.0	12.3	9.0	9.0	4.7	1.9	.3	1.9	6.4	15.4
15	1.5	2.6	4.2	2.8	1.5	1.1	.8	2.8	3.4	6.8	6.2	6.7	6.4	6.6	5.1	6.0	6.9	5.0	4.9	4.7	1.9	4.2	5.0	5.1	4.3	6.9
16	4.8	5.6	2.8	1.6	1.5	3.1	2.0	2.5	3.2	3.1	3.7	6.0	5.8	5.7	5.6	6.7	13.0	8.0	7.0	6.1	3.8	5.7	5.0	10.1	5.1	13.0
17	7.4	3.8	1.5	1.0	2.3	2.5	2.0	2.8	2.2	4.8	4.5	5.1	7.4	7.4	7.3	9.5	7.4	6.5	6.0	3.7	7.0	6.6	9.2	10.3	5.3	10.3
18	9.0	12.1	8.6	8.4	8.3	8.7	7.9	10.2	8.9	9.3	9.2	9.5	8.8	8.4	9.8	9.6	7.6	9.8	13.3	10.3	8.6	4.5	1.9	4.7	8.6	13.3
19	3.4	2.9	4.8	1.8	4.0	3.3	1.8	4.1	4.5	6.5	5.0	4.4	7.2	7.6	10.8	7.8	7.0	6.0	15.4	10.7	5.6	3.7	1.9	3.1	5.6	15.4
20	1.3	1.2	3.2	4.1	2.3	2.6	1.8	2.1	3.2	5.1	4.8	6.2	7.8	8.5	10.7	4.9	5.7	5.8	12.1	8.1	4.8	2.1	2.5	3.8	4.8	12.1
21	6.2	5.2	1.0	1.0	1.6	.7	1.4	3.8	4.3	5.3	4.3	5.6	10.6	8.7	6.7	6.8	6.3	14.0	10.7	14.5	9.9	6.1	8.1	2.6	6.1	14.5
22	3.5	4.2	6.1	7.8	2.8	2.5	.5	2.8	3.9	5.6	7.1	10.5	9.3	9.4	14.3	14.7	6.5	4.2	5.1	5.7	2.2	2.8	2.1	1.7	5.6	14.7
23	4.3	1.8	1.7	1.9	1.4	1.5	1.4	2.5	3.2	3.8	5.6	4.5	6.4	10.6	8.4	13.4	15.3	4.5	8.1	4.1	1.5	2.1	2.4	4.3	4.8	15.3
24	3.3	6.7	4.7	2.0	1.9	3.2	2.0	2.8	3.5	4.2	5.4	4.4	5.8	6.6	5.8	5.9	9.6	5.6	4.1	1.2	1.8	6.7	6.1	8.3	4.7	9.6
25	1.4	2.4	2.5	4.8	4.7	5.0	3.5	4.2	3.7	3.3	5.1	6.9	5.2	10.3	10.7	7.5	6.5	6.8	10.4	3.7	3.2	3.9	3.8	3.9	5.1	10.7
26	6.9	2.8	2.1	3.2	1.4	1.3	2.5	3.3	3.6	3.8	4.7	6.4	4.9	6.4	5.8	5.6	5.4	5.2	3.5	3.9	5.2	6.5	5.8	6.6	4.5	6.9
27	4.1	1.7	1.1	1.8	2.0	.5	2.2	2.2	3.2	3.9	4.3	6.2	6.9	9.4	7.9	5.6	5.8	5.5	3.7	3.3	3.6	6.7	5.6	6.6	4.3	9.4
28	6.8	2.4	1.8	1.9	3.7	3.8	4.7	3.4	2.8	5.6	11.7	15.2	15.6	15.1	12.5	13.2	13.4	12.9	10.6	6.5	3.4	9.3	2.1	4.0	7.6	15.6
29	9.6	3.3	6.6	4.4	12.4	8.9	6.5	11.4	12.4	13.2	13.6	13.2	12.6	12.6	13.5	12.0	12.6	12.0	9.2	3.7	3.8	9.0	6.8	6.2	9.6	13.6
30	3.0	5.8	10.7	12.7	13.4	12.4	17.8	7.9	10.3	14.2	13.5	13.0	14.0	12.6	13.2	13.4	7.1	7.8	6.2	5.3	8.8	9.7	17.9	12.7	11.0	17.9
AV	5.0	4.0	3.8	3.5	3.7	3.2	3.0	3.7	5.1	6.6	7.5	8.3	9.5	9.6	10.9	10.4	10.0	9.1	8.7	6.8	5.4	5.8	5.6	5.4	6.5	23.0
SD	2.2	2.7	2.7	2.7	3.2	2.7	3.3	2.5	3.1	3.7	3.5	3.6	4.0	3.2	4.9	4.3	4.2	4.1	4.2	4.1	3.4	2.6	3.5	3.0	4.2	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JUL, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.8	14.5	13.5	14.2	12.6	9.0	6.1	6.0	15.4	17.2	16.7	15.5	14.9	15.2	17.4	16.1	14.5	12.6	12.7	10.2	8.0	4.1	1.8	3.3	11.7	17.4
2	4.8	3.1	1.2	1.9	4.4	1.8	1.6	1.7	4.1	5.2	5.7	5.8	9.4	9.7	12.6	12.3	12.5	10.0	8.9	5.5	4.4	6.6	5.3	4.7	6.0	12.6
3	2.4	3.4	2.3	2.8	1.0	1.2	1.1	2.2	3.4	4.7	7.6	7.1	7.8	9.3	11.8	10.6	11.8	11.2	10.0	7.8	5.1	5.9	7.1	10.7	6.2	11.8
4	7.5	4.7	3.9	3.3	1.5	1.5	1.9	3.4	10.4	12.2	12.1	15.3	14.4	16.2	15.9	15.9	17.5	14.2	14.3	15.5	5.6	1.5	2.3	3.2	8.9	17.5
5	4.7	2.2	2.7	1.3	1.3	1.3	3.0	7.2	6.3	6.5	10.2	12.1	12.7	13.4	11.1	11.8	11.3	13.1	8.1	5.0	4.7	5.0	9.4	6.8	7.1	13.4
6	5.3	4.9	4.2	2.6	5.6	1.3	2.8	3.1	2.3	3.6	4.6	6.0	6.9	7.9	5.7	5.8	5.1	5.3	4.7	4.5	6.5	7.7	7.0	7.9	5.1	7.9
7	6.2	2.3	3.0	2.0	2.3	4.2	1.6	2.3	2.5	4.2	4.8	5.7	6.8	6.4	6.5	7.6	6.7	5.9	8.3	8.6	8.4	11.5	7.6	8.5	5.6	11.5
8	8.5	6.3	4.2	4.2	4.7	7.6	10.1	8.7	3.5	3.8	5.2	6.8	6.3	5.5	9.4	10.0	11.4	17.1	11.3	4.4	1.7	3.2	4.7	4.8	6.8	17.1
9	5.0	6.2	3.1	1.4	2.4	5.6	3.7	2.5	2.0	4.9	5.2	8.1	8.1	8.0	7.8	7.7	7.6	6.9	7.6	5.1	3.1	2.6	1.7	1.0	4.9	8.1
10	6.5	8.4	2.8	2.5	2.2	2.5	3.0	1.7	4.4	5.1	4.2	6.1	5.6	5.9	5.2	5.9	5.7	4.5	4.6	3.0	1.6	2.4	3.7	6.7	4.3	8.4
11	2.2	2.3	2.5	5.1	1.3	1.3	5.6	5.1	7.4	4.0	5.6	6.6	8.1	6.0	8.6	7.7	11.6	17.1	8.7	2.6	4.0	3.4	4.7	4.8	5.7	17.1
12	4.9	4.3	5.3	1.6	2.0	1.4	3.0	1.5	2.5	3.0	4.5	5.0	5.9	6.7	8.3	7.7	7.3	11.8	4.3	2.5	7.7	8.2	3.5	5.0	4.9	11.8
13	3.4	2.2	7.6	4.5	3.9	5.5	4.6	5.3	2.8	6.9	6.2	5.6	5.7	15.3	8.1	8.2	10.3	8.4	7.8	5.9	6.0	6.7	7.1	5.2	6.4	15.3
14	7.0	3.5	3.4	2.5	3.9	4.2	3.4	2.1	3.5	3.5	4.7	6.9	7.7	9.7	7.7	5.4	3.2	7.6	6.9	3.9	1.6	2.2	4.9	7.4	4.9	9.7
15	9.5	4.2	2.1	1.6	5.2	2.5	1.7	3.9	3.0	3.5	6.4	7.9	13.8	14.9	13.4	14.5	13.0	12.8	12.3	10.1	10.4	12.5	6.7	7.8	8.1	14.9
16	5.5	2.5	4.4	2.2	2.0	1.7	1.3	3.2	4.0	11.2	11.7	14.5	14.1	16.0	14.1	12.2	10.2	8.8	8.1	4.8	3.9	2.6	5.5	2.5	7.0	16.0
17	2.9	4.1	2.1	8.3	14.1	13.1	14.4	16.3	15.6	15.3	14.4	16.6	14.5	12.2	12.6	11.3	10.2	7.5	10.4	7.4	1.2	.3	2.5	2.9	9.6	16.6
18	5.3	2.6	1.2	2.5	.6	2.1	1.3	3.3	2.9	5.2	6.0	6.8	7.8	7.9	9.4	7.5	8.0	9.9	8.3	6.4	1.2	2.1	2.0	4.0	4.8	9.9
19	3.7	4.1	2.0	1.3	1.2	2.6	2.0	1.8	4.2	3.3	4.7	5.1	6.1	5.9	6.7	9.7	8.8	8.0	6.6	2.0	2.8	5.2	6.4	6.1	4.6	9.7
20	7.3	5.6	7.2	5.7	4.6	4.1	3.2	4.6	3.9	5.6	8.4	7.8	8.0	5.4	5.6	5.7	4.9	5.7	6.2	3.2	2.1	4.5	4.1	6.3	5.4	8.4
21	5.4	4.3	2.0	2.4	2.2	1.8	1.3	2.8	3.6	4.3	4.2	5.8	6.3	5.3	5.8	6.3	6.7	4.7	13.9	8.0	9.6	7.7	5.2	4.6	5.2	13.9
22	4.3	3.3	2.6	4.7	3.1	1.6	.8	2.5	2.1	3.7	6.0	5.3	6.3	7.8	8.1	6.8	5.4	5.8	3.8	5.4	5.6	5.4	6.0	6.7	4.7	8.1
23	6.4	5.1	6.1	4.1	4.8	1.0	2.1	2.2	4.2	5.0	11.5	11.2	10.1	11.2	9.2	6.9	8.9	10.0	13.1	14.0	7.8	8.6	5.6	7.1	7.3	14.0
24	6.8	4.7	4.4	3.4	4.9	2.9	5.0	3.7	5.3	8.0	8.4	6.2	6.7	11.5	4.7	6.7	11.5	18.8	13.8	9.2	11.4	7.1	3.1	4.4	7.2	18.8
25	5.8	5.2	5.0	4.8	1.3	1.9	2.3	2.9	5.2	4.5	3.5	7.1	6.3	6.6	6.2	7.0	8.2	11.8	5.8	4.5	6.0	9.0	7.5	5.4	5.6	11.8
26	5.3	4.9	6.2	4.1	4.1	5.3	2.9	2.2	3.7	5.3	4.4	5.9	5.2	9.3	9.0	8.0	4.4	3.8	11.6	9.0	9.4	7.9	3.8	3.1	5.8	11.6
27	5.8	2.6	2.3	1.1	2.4	3.4	2.0	1.5	1.3	3.9	3.3	4.5	6.1	4.5	6.8	4.0	4.0	3.6	2.5	.4	6.3	5.3	3.2	4.5	3.6	6.8
28	3.9	1.5	1.8	3.3	3.5	1.2	1.6	.3	1.8	2.5	3.7	1.7	3.9	9.3	10.2	4.5	3.2	2.9	2.8	1.5	1.8	1.6	3.3	1.4	3.1	10.2
29	1.8	2.1	4.7	2.5	1.1	2.0	2.9	3.7	4.4	5.4	5.3	8.4	6.8	6.6	9.0	8.0	9.4	4.9	2.5	11.3	6.6	4.1	2.2	2.4	4.9	11.3
30	3.5	1.4	1.1	2.2	.8	2.2	2.0	5.1	4.8	4.4	5.7	4.3	5.8	5.7	5.8	5.2	4.4	2.6	1.0	1.1	2.2	5.3	5.7	4.8	3.6	5.8
31	4.9	2.5	4.4	1.9	3.2	2.0	2.9	4.8	2.6	3.8	5.4	4.5	6.6	5.9	6.7	6.0	3.0	3.0	3.1	3.4	7.2	8.0	3.3	2.2	4.2	8.0
AV	5.4	4.2	3.8	3.4	3.5	3.2	3.3	3.8	4.6	5.8	6.8	7.6	8.2	9.1	9.0	8.5	8.4	8.7	7.9	6.0	5.3	5.4	4.7	5.0	5.9	18.8
SD	2.0	2.5	2.5	2.5	3.0	2.7	2.8	2.9	3.4	3.5	3.4	3.6	3.2	3.6	3.2	3.2	3.7	4.5	3.8	3.7	2.9	3.0	2.0	2.2	3.7	[ ]

ONOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

AUG, 1982

AEROVIRONMENT INC.

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*                 *
*   FINAL DATA    *
* AS OF 30/MAR/83 *
*                 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	3.2	1.5	2.1	1.4	1.4	.8	3.2	3.9	5.1	6.4	11.0	10.3	10.6	11.2	9.8	10.8	8.6	10.3	13.3	9.3	6.7	8.8	10.7	6.9	13.3
2	8.5	2.3	4.5	5.3	5.8	8.4	10.4	7.9	5.1	8.6	6.6	7.0	9.5	10.4	12.7	6.6	3.9	8.2	11.5	8.7	5.3	4.2	2.4	1.9	6.9	12.7
3	2.4	3.4	7.5	9.3	9.6	9.3	6.5	7.2	6.5	4.0	5.2	5.0	12.1	10.5	9.0	7.2	7.5	6.5	4.3	5.1	8.2	5.1	8.1	7.0	6.9	12.1
4	3.0	3.1	6.2	4.4	1.4	.5	1.8	2.6	3.0	4.9	5.2	5.7	5.2	6.3	4.2	4.7	1.8	4.7	5.1	3.9	3.9	1.9	2.0	2.8	3.7	6.3
5	4.9	2.0	1.0	2.9	4.2	2.1	3.0	3.1	3.8	6.1	6.3	5.2	6.6	5.8	7.8	5.3	4.4	3.5	1.7	3.4	7.9	4.4	3.0	4.1	4.3	7.9
6	6.7	5.7	2.2	1.8	3.3	1.3	3.0	4.0	[RF]	[RF]	3.9	4.7	4.5	6.1	6.9	6.7	4.7	5.4	3.0	1.4	1.6	6.5	9.9	1.9	4.3	9.9
7	1.4	1.9	1.1	.7	1.7	1.3	1.5	2.0	3.7	4.0	4.7	7.1	6.2	9.6	10.5	5.6	4.8	5.7	1.5	3.3	5.9	14.0	8.8	8.4	4.8	14.0
8	6.7	4.2	4.8	2.8	5.4	7.5	8.8	5.4	7.1	7.9	6.2	6.1	8.3	7.7	9.0	12.7	10.7	7.1	9.4	13.1	13.1	12.5	7.5	3.4	7.8	13.1
9	2.1	2.2	1.9	1.3	1.9	1.3	1.4	1.5	3.1	3.7	3.7	5.2	6.1	7.2	6.8	11.3	9.6	10.8	12.0	11.6	11.4	4.1	5.8	6.8	5.5	12.0
10	7.9	3.3	.7	1.5	4.4	.7	2.8	7.5	4.4	4.9	4.2	5.0	5.5	6.1	3.9	3.0	5.6	4.2	1.5	5.7	9.8	11.7	10.3	13.2	5.3	13.2
11	7.4	16.4	12.6	15.4	14.7	9.7	5.8	5.0	12.2	11.7	10.3	12.0	10.7	10.3	13.6	10.8	6.3	4.4	4.3	5.6	2.8	2.1	1.8	2.9	8.7	16.4
12	5.4	2.6	.0	1.1	.2	.4	.2	.1	1.0	1.1	2.2	6.2	6.0	3.5	5.1	7.5	7.8	6.0	5.9	7.1	4.3	.3	.6	.1	3.1	7.8
13	.0	.3	1.1	.0	4.1	4.7	10.1	4.2	1.7	1.9	2.6	2.3	4.5	2.9	1.9	4.1	2.9	1.8	2.5	1.5	.6	1.7	.8	3.7	2.6	10.1
14	1.6	2.0	1.6	.5	1.0	.6	1.1	2.3	1.9	2.1	3.3	4.1	3.0	3.3	4.0	3.2	4.4	2.6	1.0	1.7	1.9	1.6	2.4	4.9	2.3	4.9
15	6.2	1.8	2.4	1.4	.8	.7	.6	1.4	2.3	1.8	2.8	2.9	1.3	.6	.2	.2	.7	.2	4.1	8.6	5.4	6.7	6.8	4.7	2.7	8.6
16	1.9	3.1	1.8	.3	1.7	6.9	2.0	2.1	.6	2.1	2.5	1.7	1.2	.2	8.8	9.2	6.3	2.5	1.6	1.1	.3	2.1	2.1	4.3	2.8	9.2
17	1.8	1.4	2.6	2.5	.4	.5	.2	2.2	2.0	.6	2.5	1.7	2.8	5.1	6.6	3.9	.7	.2	5.5	9.5	10.8	10.6	11.6	13.9	4.2	13.9
18	4.5	2.3	4.5	5.3	9.0	2.9	1.9	1.0	1.6	1.6	2.5	2.9	4.9	3.4	3.4	3.0	2.3	1.2	9.9	5.3	3.3	4.1	2.8	5.0	3.7	9.9
19	4.2	3.9	6.0	2.6	4.0	5.9	3.6	1.6	2.1	3.1	3.3	5.0	2.0	1.7	3.9	3.6	4.0	1.8	1.1	.3	1.8	6.6	5.0	2.1	3.3	6.6
20	1.8	1.1	1.4	1.6	1.8	2.9	.5	1.5	2.0	3.1	3.9	5.6	4.3	4.8	4.2	4.8	5.1	2.1	6.0	7.6	14.9	10.4	4.5	7.3	4.3	14.9
21	8.0	6.0	2.7	2.6	5.3	2.3	2.5	2.9	4.5	3.4	5.8	3.4	6.3	5.2	6.9	15.6	12.0	9.6	11.5	7.0	8.1	1.8	3.5	7.0	6.0	15.6
22	5.3	5.6	3.5	3.5	2.3	2.5	2.5	2.2	1.0	5.3	4.7	5.2	5.6	6.4	9.9	10.5	16.1	12.7	13.1	8.5	10.5	9.2	9.9	9.8	6.9	16.1
23	4.4	2.8	1.9	.4	1.9	1.2	.6	1.5	3.3	3.8	4.5	5.6	7.4	5.3	7.5	9.9	9.6	10.2	9.3	9.5	5.9	4.3	3.9	3.8	4.9	10.2
24	8.0	6.8	3.3	2.3	5.1	2.5	4.8	6.5	8.7	7.8	6.5	6.8	6.0	4.5	4.9	5.3	6.1	7.6	5.7	5.3	5.7	2.4	6.3	6.9	5.7	8.7
25	2.9	1.9	5.5	3.2	4.4	1.1	3.5	6.1	9.5	8.0	11.8	12.5	12.8	12.4	12.0	11.0	11.4	12.7	9.8	9.3	5.0	5.6	4.0	3.7	7.5	12.8
26	2.1	2.2	2.6	1.0	1.4	1.4	1.2	2.9	5.1	4.9	5.9	7.6	7.6	9.6	8.1	7.2	6.9	6.8	9.2	4.2	2.8	5.4	1.9	4.8	4.7	9.6
27	5.5	1.6	1.7	1.5	1.1	3.1	.4	1.9	3.0	4.8	5.2	6.3	7.0	5.8	6.7	6.1	7.6	6.6	4.0	4.8	7.1	5.3	3.3	3.9	4.3	7.6
28	3.8	6.6	2.8	4.0	2.3	1.4	2.5	4.1	4.7	6.1	9.0	7.6	10.8	11.1	9.6	7.2	4.3	5.9	12.6	8.0	3.2	4.7	6.0	7.1	6.1	12.6
29	4.7	7.2	8.3	5.4	2.2	1.6	.8	1.7	2.3	3.2	3.3	5.0	3.0	3.2	3.3	5.0	4.7	1.8	2.0	2.5	3.8	5.3	7.2	5.9	3.9	8.3
30	2.6	8.3	4.4	3.2	1.6	.8	1.4	1.0	3.2	3.4	3.2	7.8	6.5	5.3	9.6	12.9	8.8	7.5	3.8	4.4	3.4	4.9	5.6	6.0	5.0	12.9
31	1.3	2.1	1.3	1.8	3.4	4.4	1.3	1.5	3.0	4.1	4.1	7.1	6.0	4.4	10.3	11.7	10.5	5.7	.4	1.3	2.9	3.1	1.5	1.6	4.0	11.7
AV	4.3	3.8	3.3	3.0	3.5	2.9	2.8	3.2	3.9	4.4	4.9	5.8	6.3	6.1	7.2	7.3	6.5	5.6	5.9	5.9	5.8	5.5	5.1	5.5	4.9	16.4
SD	2.4	3.1	2.7	3.0	3.1	2.8	2.8	2.1	2.7	2.5	2.3	2.6	3.0	3.2	3.3	3.6	3.6	3.4	4.0	3.5	3.8	3.5	3.1	3.3	3.3	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

SEP, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.0	2.2	2.1	3.6	2.2	2.6	3.1	2.5	3.5	3.7	4.1	5.1	5.7	5.2	5.4	5.0	4.2	3.0	3.2	5.2	6.0	4.1	3.8	5.5	3.9	6.0
2	4.3	7.4	5.6	2.0	2.0	.7	1.6	1.6	4.1	3.7	5.6	7.4	7.5	6.1	7.0	6.3	4.9	3.1	.7	1.1	3.5	5.3	2.0	1.8	4.0	7.5
3	2.3	1.5	1.0	1.0	2.8	1.1	.7	2.8	3.3	2.6	4.4	5.3	6.5	5.4	4.7	5.8	6.5	4.0	4.2	4.2	10.6	7.8	6.9	5.3	4.2	10.6
4	1.7	1.5	3.1	.7	2.0	2.3	1.2	1.5	3.1	5.1	8.3	10.0	7.7	6.3	7.8	9.5	8.6	13.8	11.2	7.7	11.9	7.0	3.1	3.8	5.8	13.8
5	2.5	2.9	8.3	11.6	6.2	3.3	5.1	9.8	6.8	3.3	3.9	3.7	5.6	10.3	14.9	13.1	16.6	15.0	5.7	5.1	4.0	3.2	4.9	4.9	7.1	16.6
6	4.2	2.2	2.5	1.9	3.6	4.0	1.7	2.6	1.7	3.0	3.2	3.3	4.2	5.7	4.0	8.9	7.4	10.4	9.4	4.2	5.0	4.9	3.5	6.3	4.5	10.4
7	8.1	4.0	5.1	3.0	2.4	4.2	2.2	2.9	4.7	2.0	4.0	3.5	5.2	3.8	3.9	4.2	3.8	3.9	2.8	1.9	1.4	1.3	3.2	3.0	3.5	8.1
8	4.8	3.4	.7	1.0	1.6	3.0	1.0	2.5	3.1	3.4	4.6	3.4	6.0	6.0	8.4	6.7	8.3	4.3	5.8	5.6	5.2	4.8	4.2	2.2	4.3	6.7
9	1.0	1.8	2.6	1.5	1.2	1.4	.6	1.6	1.8	2.8	4.1	5.4	6.3	7.5	9.5	7.7	7.0	5.9	4.5	8.5	11.1	10.8	4.9	2.4	4.7	11.1
10	1.8	1.5	1.4	1.0	1.5	4.7	4.6	9.0	9.5	7.6	7.5	5.7	5.1	6.3	10.4	15.9	13.6	6.9	3.4	4.9	3.3	6.3	2.5	3.4	5.7	15.9
11	4.1	5.2	4.2	4.9	4.0	2.3	1.5	2.4	4.1	3.6	5.1	5.9	6.7	6.9	6.3	6.7	6.9	5.3	4.2	1.3	1.4	1.1	.7	1.7	4.0	6.9
12	3.1	3.8	2.6	3.1	6.3	5.1	7.6	4.1	3.9	3.9	5.5	4.1	5.0	7.9	8.5	10.0	4.7	2.9	7.0	5.9	6.7	10.3	7.8	6.7	5.7	10.3
13	5.1	4.8	1.6	3.4	3.0	3.1	3.8	3.8	3.4	2.8	6.6	6.9	9.4	4.4	2.5	4.2	3.8	3.4	3.8	4.3	4.7	4.9	4.6	2.6	4.2	9.4
14	3.4	3.1	1.8	1.0	1.3	2.1	1.6	1.8	1.5	3.3	3.3	2.4	6.6	7.8	6.5	7.5	6.0	3.4	2.9	2.2	2.2	2.1	1.4	2.0	3.2	7.8
15	2.9	3.7	2.4	2.1	1.9	3.6	.7	1.2	2.1	2.8	2.6	4.5	5.4	6.0	5.4	4.8	4.0	1.7	1.8	1.5	2.1	2.6	.7	.6	2.8	6.0
16	1.5	1.1	.8	1.3	.3	1.3	.7	1.2	2.0	1.1	3.7	7.0	8.6	6.8	6.4	7.7	9.0	5.1	4.7	2.0	6.0	6.5	1.4	1.0	3.6	9.0
17	3.8	1.6	2.8	1.5	1.8	1.2	.8	1.4	.8	2.4	3.6	5.3	6.1	5.7	7.2	4.7	3.9	2.5	4.5	7.9	5.5	2.8	4.0	2.5	3.5	7.9
18	3.2	5.9	5.3	2.4	2.1	2.5	1.7	1.7	1.2	2.6	3.1	5.1	6.1	6.6	5.2	4.8	5.1	6.5	7.9	8.6	10.8	10.0	2.3	1.8	4.7	10.8
19	.7	1.0	.4	.4	1.8	3.1	.6	1.7	2.0	5.8	11.0	11.9	7.2	6.4	7.1	6.2	3.8	3.4	5.6	5.0	4.3	15.0	6.6	4.5	4.8	15.0
20	2.3	2.6	3.2	1.4	2.0	3.2	5.6	3.6	3.5	2.9	3.6	3.5	4.0	4.1	5.0	5.3	6.6	5.6	1.2	1.1	2.6	2.4	1.4	3.1	3.3	6.6
21	2.4	2.2	3.7	1.3	1.1	.8	2.4	4.2	3.1	3.4	4.7	4.8	6.4	6.0	5.5	5.7	3.7	3.4	7.5	6.8	3.7	2.4	1.9	1.5	3.7	7.5
22	.7	3.1	1.6	3.7	.8	.8	.6	2.0	3.1	2.1	3.9	4.9	6.2	5.0	8.4	9.9	9.7	6.5	5.8	8.0	6.8	3.6	2.6	2.9	4.3	9.9
23	3.0	2.0	2.7	.3	.5	.5	.3	3.2	1.9	4.0	3.5	4.5	3.7	5.0	7.0	6.0	3.0	2.0	2.1	6.3	5.1	1.3	3.7	2.9	3.1	7.0
24	4.1	2.9	1.3	3.4	1.5	2.0	1.7	1.5	2.6	3.3	3.0	2.0	4.6	4.1	3.9	3.4	1.4	1.6	1.1	3.0	3.2	2.3	1.4	1.4	2.5	4.6
25	2.5	2.3	3.8	2.2	2.8	3.3	1.3	2.6	5.3	3.8	4.0	2.9	3.2	4.2	1.3	1.7	3.1	1.0	5.0	5.7	4.3	1.4	3.2	1.7	3.0	5.7
26	3.7	6.2	6.5	7.6	6.3	3.6	.7	3.9	2.9	7.1	7.3	14.4	17.3	16.4	16.7	16.9	16.6	12.6	8.9	5.1	5.9	13.6	9.0	4.2	9.0	17.3
27	3.2	4.0	3.9	4.0	3.2	4.7	2.4	1.2	2.6	3.7	8.4	12.6	15.2	13.1	7.5	10.7	12.7	6.3	12.1	10.7	9.5	12.5	11.2	8.1	7.6	15.2
28	8.3	6.9	3.7	6.3	5.4	7.1	10.5	8.2	10.0	14.6	15.2	14.8	11.9	10.7	6.3	11.4	4.1	2.4	3.4	6.7	8.8	4.5	4.0	2.2	7.8	15.2
29	2.0	1.6	6.1	6.0	9.7	5.2	3.0	3.2	4.7	5.9	2.9	3.8	3.7	3.9	6.3	9.9	6.5	4.7	6.0	2.5	2.8	3.1	2.6	1.7	4.5	9.9
30	3.7	4.7	.4	1.4	2.6	2.0	3.0	3.0	3.1	2.7	1.9	6.3	9.3	10.5	7.4	6.4	4.3	8.1	8.6	5.5	4.7	3.8	5.6	4.7	4.7	10.5
AV	3.2	3.3	3.0	2.8	2.8	2.8	2.4	3.1	3.5	4.0	5.1	6.0	6.9	6.8	6.9	7.6	6.7	5.3	5.2	5.0	5.4	5.4	3.8	3.2	4.6	17.3
SD	1.8	1.9	2.0	2.5	2.1	1.6	2.3	2.2	2.1	2.5	2.8	3.4	3.2	2.9	3.1	3.5	3.9	3.6	2.9	2.5	3.0	3.9	2.5	1.8	3.1	[ ]

QHOUT -- 00000 <811111.1607>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

OCT, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.1	.0	.3	.0	.0	.5	.0	.6	.2	.6	.2	.5	6.2	7.1	7.6	10.3	9.7	9.3	8.6	5.6	6.4	5.5	4.1	4.3	3.7	10.3
2	4.2	4.2	3.3	5.7	5.1	6.5	5.7	1.9	2.3	3.1	5.6	6.9	5.1	5.9	5.2	5.7	3.7	1.8	1.4	3.9	5.2	1.5	4.1	7.4	4.4	7.4
3	3.6	1.3	.7	3.7	1.5	1.4	1.2	.8	2.5	3.2	2.8	4.4	5.1	3.6	3.4	4.7	2.8	2.0	3.8	5.2	1.3	4.3	3.2	3.8	2.9	5.2
4	1.1	3.0	1.0	1.1	1.1	1.0	2.2	.5	1.6	1.8	3.2	5.0	5.7	4.6	3.8	4.2	2.5	1.7	2.5	7.2	8.2	3.3	2.6	2.0	3.0	8.2
5	1.0	3.1	5.0	5.8	5.4	4.9	4.6	3.9	3.3	5.6	6.0	4.8	8.4	5.2	8.3	9.5	4.3	7.1	5.6	5.6	4.2	3.9	5.4	5.9	5.3	9.5
6	5.8	8.6	6.5	5.2	3.3	4.3	1.9	1.3	2.5	4.3	3.5	3.2	3.8	4.5	4.6	4.7	5.2	2.5	1.6	2.3	2.6	1.3	3.1	2.6	3.7	8.6
7	1.6	1.3	2.4	1.2	1.2	1.4	1.1	.8	1.7	4.4	3.7	2.6	3.9	2.3	3.6	3.3	3.3	3.6	5.7	14.7	15.2	8.9	8.4	3.5	4.2	15.2
8	6.0	6.0	2.7	4.9	1.4	2.4	4.8	5.0	5.2	4.3	3.5	5.1	6.8	8.1	6.7	7.4	5.6	6.2	6.3	5.5	5.7	4.7	5.0	3.1	5.1	8.1
9	2.8	1.9	1.5	4.1	1.3	1.4	1.4	1.2	1.1	3.1	4.8	8.1	6.1	6.0	6.0	6.5	6.5	5.4	5.1	5.9	7.4	6.4	4.1	3.7	4.2	8.1
10	3.0	1.0	1.1	1.9	1.2	1.2	.5	.4	1.7	3.7	3.8	7.2	7.8	5.6	6.2	4.4	6.3	3.9	3.9	4.1	4.6	1.2	5.7	3.9	3.5	7.8
11	1.0	1.6	1.1	2.9	1.0	2.2	1.7	2.2	3.2	3.2	3.0	3.8	3.2	3.4	5.4	5.5	5.4	3.0	4.3	5.7	5.6	3.4	7.7	1.2	3.4	7.7
12	2.0	1.4	3.1	1.6	1.3	1.3	.4	.8	2.1	2.9	4.6	5.2	4.5	4.1	3.9	2.9	3.6	2.1	1.2	4.5	4.5	3.8	3.5	2.9	2.8	5.2
13	1.6	3.7	2.4	5.7	4.9	4.9	3.9	1.1	2.8	3.1	4.1	6.5	5.8	5.3	4.8	3.9	3.8	3.1	3.1	1.7	3.3	3.9	4.1	4.1	3.8	6.5
14	1.6	.6	1.6	1.4	3.4	1.7	2.3	2.3	1.4	2.4	3.8	4.0	4.0	5.1	4.5	5.4	3.8	1.5	1.3	.6	2.5	5.3	2.3	2.4	2.7	5.4
15	1.1	1.5	2.8	1.5	.7	1.2	2.0	1.0	1.6	2.1	3.2	3.5	4.7	4.5	5.8	5.4	3.2	1.0	2.3	9.0	5.2	2.3	6.2	2.0	3.1	9.0
16	1.9	1.0	1.5	2.3	1.1	.6	.1	.6	1.2	3.0	2.2	3.4	3.9	5.9	6.2	5.2	2.7	1.7	4.1	8.8	2.3	5.8	2.5	2.2	2.9	8.8
17	1.5	1.0	1.6	1.0	1.8	1.3	.6	.6	1.5	1.5	2.5	3.8	5.2	6.2	4.3	8.4	13.8	9.7	5.9	4.0	4.9	3.0	1.6	1.7	3.6	13.8
18	2.5	1.4	1.9	2.0	2.1	2.3	1.3	2.5	1.2	2.2	3.3	4.3	6.3	10.0	16.8	12.7	9.8	10.4	9.7	8.3	9.3	13.2	8.2	7.9	6.2	16.8
19	5.3	6.4	3.1	2.2	2.6	3.9	1.4	2.1	3.0	3.7	4.3	3.7	3.9	4.0	4.3	4.5	1.9	2.1	2.2	3.5	3.5	2.0	3.2	2.8	3.3	6.4
20	4.7	1.5	.4	2.4	1.0	1.2	.6	1.1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1.6	4.7
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
AV	2.6	2.5	2.2	2.8	2.1	2.3	1.9	1.5	2.1	3.1	3.6	4.5	5.3	5.3	5.9	6.0	5.2	4.1	4.1	5.6	5.4	4.4	4.5	3.5	3.7	16.8
SD	1.8	2.2	1.5	1.8	1.6	1.7	1.6	1.2	1.1	1.2	1.3	1.8	1.4	1.8	3.0	2.6	3.0	3.0	2.4	3.2	3.1	2.9	2.0	1.8	2.5	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

NOV, 1982

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.1	4.3	3.4	4.1	7.0	5.0	3.6	2.9	2.0	1.4	4.8	6.2	4.4	4.0	7.0
2	4.0	1.1	1.0	1.8	1.0	1.1	1.7	2.0	2.7	3.1	4.3	5.3	7.0	6.9	6.6	6.6	3.7	4.7	5.5	5.1	1.0	6.8	3.8	3.1	3.7	7.0
3	3.7	1.3	2.3	3.0	1.6	1.0	1.5	.6	1.6	2.1	3.8	2.3	3.3	3.1	2.8	2.9	2.9	1.8	1.3	2.5	2.3	1.9	1.4	1.3	2.2	3.8
4	1.3	.6	1.0	.7	1.5	1.3	1.1	1.2	1.3	1.4	2.1	3.9	4.2	4.1	3.9	5.7	3.7	1.9	.6	1.1	1.4	2.4	1.7	1.6	2.1	5.7
5	1.2	1.6	.8	.7	1.5	2.0	1.7	1.2	1.7	1.6	2.9	.8	2.9	3.3	3.1	3.3	3.2	2.1	1.5	1.5	1.4	.8	2.5	1.0	1.8	3.3
6	1.6	1.6	1.2	.7	1.0	.6	1.2	1.0	.7	1.3	1.9	3.3	3.0	2.9	2.5	1.0	1.3	6.6	7.0	8.6	4.8	1.6	1.2	1.0	2.4	8.6
7	1.9	.7	1.0	1.3	.6	.7	.5	.4	.6	.8	2.1	2.0	2.8	3.0	3.4	3.2	1.7	2.3	1.6	1.5	.2	.5	.3	.5	1.4	3.4
8	.8	4.8	15.2	18.8	12.6	12.4	9.0	9.8	9.4	9.5	3.5	4.2	7.2	5.0	2.6	2.0	2.1	1.2	2.0	3.8	2.4	4.0	2.6	1.8	6.1	18.8
9	2.1	2.4	1.9	2.7	.6	.8	3.1	1.2	1.2	2.4	3.2	7.2	11.6	13.3	11.1	10.8	7.9	3.1	4.7	2.0	4.1	1.3	.8	1.3	4.2	13.3
10	1.0	2.3	1.9	2.0	1.2	1.5	2.3	4.6	2.2	3.7	8.6	13.1	12.7	11.6	9.5	9.9	12.2	8.5	3.6	1.9	1.7	1.4	1.4	.5	5.0	13.1
11	.5	1.8	4.9	5.3	5.6	5.2	5.0	1.7	5.4	5.3	5.3	3.5	4.3	7.0	6.2	5.4	6.6	9.7	8.5	8.1	7.6	6.2	4.5	5.2	5.4	9.7
12	5.2	8.1	7.7	11.7	8.1	10.0	6.1	5.8	3.6	5.4	3.5	2.8	2.6	3.5	2.1	2.1	2.2	2.1	6.2	4.5	1.6	2.5	4.3	.4	4.7	11.7
13	1.5	2.2	7.0	7.4	1.8	1.6	2.8	1.8	2.5	2.9	2.2	5.6	6.6	13.5	17.7	16.4	19.8	14.2	5.6	2.5	3.7	3.3	3.6	2.9	6.2	19.8
14	5.1	5.8	1.8	2.5	6.4	2.4	2.2	3.0	1.6	1.3	1.9	3.1	4.8	3.6	5.8	4.1	.6	1.0	1.4	4.1	3.3	6.3	7.3	1.5	3.4	7.3
15	1.9	.7	1.1	1.3	.6	.6	.8	.4	.8	1.9	2.9	2.4	3.3	4.0	2.8	3.2	3.3	1.1	1.1	1.3	1.4	1.7	2.1	1.5	1.8	4.0
16	1.1	2.2	1.2	.4	.7	.6	1.1	1.0	1.4	1.6	2.8	3.2	4.0	2.0	2.6	2.0	1.4	1.8	1.1	1.3	1.7	1.1	1.2	.7	1.6	4.0
17	1.3	1.2	.5	.3	1.7	1.6	.6	1.4	1.3	2.6	2.2	3.0	2.6	2.0	1.4	2.0	1.6	.3	1.2	1.2	1.0	2.1	.7	.4	1.4	3.0
18	1.1	1.0	1.3	.5	.7	2.6	2.7	1.2	1.4	1.3	3.8	3.4	3.7	3.0	4.5	9.0	9.2	6.8	3.0	4.6	6.6	9.6	10.4	11.8	4.3	11.8
19	11.5	12.5	11.2	11.3	8.8	7.9	5.4	9.6	9.6	16.8	12.3	10.4	7.9	9.7	7.8	7.6	3.3	2.3	3.9	4.7	3.7	4.2	5.8	4.2	8.0	16.8
20	2.1	4.3	3.3	4.3	2.3	3.4	3.4	3.1	3.4	2.6	3.4	4.5	3.9	5.1	3.3	2.2	1.6	3.7	6.9	5.8	3.8	2.4	1.5	1.4	3.4	6.9
21	3.8	2.5	5.7	2.7	6.1	2.2	4.5	4.9	5.9	2.6	4.3	3.8	5.2	3.4	4.8	3.8	1.9	3.2	5.1	3.2	2.2	2.8	1.0	.4	3.6	6.1
22	.4	.8	1.1	.8	1.1	1.2	1.1	1.1	1.6	1.8	2.4	1.9	1.3	1.7	6.7	4.7	2.9	3.4	4.2	4.4	2.2	3.2	1.2	1.2	2.2	6.7
23	2.5	3.1	2.8	2.5	3.1	4.3	3.3	5.1	4.9	3.5	3.8	3.3	5.2	5.4	6.3	5.1	3.0	1.4	1.5	1.4	3.8	5.6	7.1	6.8	4.0	7.1
24	7.8	4.0	4.8	2.6	3.7	.6	.5	1.3	.8	1.8	3.0	2.9	2.9	3.4	2.9	1.6	.4	1.3	1.3	1.0	.5	2.1	.8	1.2	2.2	7.8
25	3.3	.7	.6	1.3	2.9	2.2	2.4	4.2	2.2	2.8	3.9	3.3	2.4	1.7	3.4	2.9	1.1	1.2	1.1	1.9	1.2	1.4	1.2	2.2	2.1	4.2
26	1.0	1.0	1.3	1.3	1.0	1.5	1.4	2.3	1.9	2.4	4.2	2.7	2.8	3.0	3.0	1.4	.7	1.3	2.0	2.8	3.3	1.9	1.7	1.4	2.0	4.2
27	1.2	2.2	1.0	2.9	2.2	1.3	.8	1.7	1.2	1.9	3.0	3.7	3.6	4.7	6.2	3.9	1.5	1.2	.6	.4	1.0	1.4	1.1	.7	2.1	6.2
28	1.1	1.4	2.1	.7	1.7	1.9	1.8	1.4	3.8	1.5	1.5	3.0	1.7	2.3	3.2	2.3	3.0	2.3	1.7	2.0	1.7	1.7	1.4	2.2	2.0	3.8
29	2.0	1.1	.6	1.4	1.0	.7	.8	3.7	1.7	2.0	3.0	2.2	3.8	2.3	2.6	3.5	2.0	3.0	3.0	1.3	1.2	.4	1.0	1.9	1.9	3.8
30	8.1	5.5	2.0	1.4	1.6	3.4	1.9	1.2	1.6	5.0	8.7	10.2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	4.2	10.2
AV	2.8	2.7	3.0	3.3	2.9	2.6	2.5	2.7	2.7	3.2	3.8	4.1	4.5	4.8	4.9	4.7	3.8	3.3	3.1	3.0	2.5	2.9	2.8	2.2	3.3	19.8
SD	2.6	2.6	3.4	4.2	3.0	2.9	2.0	2.5	2.3	3.2	2.3	2.7	2.7	3.3	3.4	3.4	4.1	3.1	2.2	2.1	1.7	2.2	2.5	2.4	2.9	[ ]

QHOUT -- 00000 <811111.1807>

WIND SPEED [CC:01]

MILES/HOUR
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.9	4.9	3.1	3.3	4.6	3.0	1.5	.6	1.1	1.1	1.1	.2	1.1	1.7	2.2	4.9
7	1.1	1.4	1.6	1.2	2.5	1.9	1.0	1.5	1.4	1.2	1.9	2.2	3.0	2.4	7.1	7.0	7.4	8.4	7.7	7.6	7.5	6.2	6.9	6.6	4.0	8.4
8	8.8	10.2	9.9	8.1	6.6	4.8	4.6	4.4	4.0	2.9	2.8	4.8	3.0	2.9	4.5	3.0	3.5	3.5	1.0	1.0	1.8	2.8	1.7	1.4	4.3	10.2
9	1.3	1.5	1.8	1.0	1.9	1.5	1.4	1.4	1.4	1.8	1.5	2.6	2.2	2.9	2.4	2.0	3.3	3.9	4.3	2.0	.8	.6	.7	1.4	1.9	4.3
10	1.0	.3	.8	1.5	.8	1.3	1.4	1.7	3.2	3.0	2.3	3.9	3.2	1.7	2.2	2.5	.6	.8	2.1	.8	.6	.3	.1	.3	1.5	3.9
11	.5	1.6	.8	1.9	.7	1.5	1.0	2.0	3.2	3.7	3.5	4.0	2.1	3.6	4.2	4.6	2.0	1.2	.5	.1	1.6	.6	.8	1.4	2.0	4.6
12	3.5	2.5	1.2	2.1	.8	1.4	1.3	.5	3.0	5.4	3.6	3.1	2.2	2.1	2.6	1.3	.4	1.4	1.9	.8	1.6	1.8	1.6	4.4	2.1	5.4
13	4.1	3.8	1.4	.8	1.1	3.7	4.4	1.5	2.6	1.0	4.6	1.6	2.8	5.0	5.1	2.0	2.6	3.0	3.5	4.8	4.2	2.0	4.1	7.9	3.2	7.9
14	8.4	6.1	7.8	6.5	8.0	6.4	9.5	6.2	3.7	2.2	2.8	1.3	2.5	2.2	2.1	2.2	.6	1.2	1.1	1.4	1.1	.8	.6	.4	3.5	9.5
15	.6	.7	1.5	1.0	1.4	1.4	2.3	1.3	2.0	1.8	1.9	3.5	2.9	2.9	2.2	3.3	1.3	1.6	.7	1.2	.6	1.5	1.1	.6	1.6	3.5
16	2.1	1.6	2.2	2.8	1.9	.7	.6	1.4	1.2	1.9	1.9	4.0	1.9	2.3	2.8	2.4	1.1	1.7	1.6	1.3	1.2	2.1	1.1	.6	1.8	4.0
17	1.4	1.5	1.6	3.3	3.2	2.3	1.3	1.0	2.5	1.1	2.1	2.0	1.3	2.9	1.5	2.1	2.0	1.4	1.2	1.1	7.0	5.4	1.7	2.3	2.2	7.0
18	1.4	.7	1.5	1.8	2.6	1.4	2.9	3.5	1.4	2.9	3.2	5.3	5.1	3.7	1.5	2.0	4.7	7.8	2.6	1.5	1.2	2.8	.7	.6	2.6	7.8
19	1.9	.6	.7	1.1	1.4	1.0	.5	.2	.6	.5	1.3	2.6	1.3	2.9	2.4	3.2	1.2	1.0	1.9	.6	1.1	2.0	1.0	1.5	1.4	3.2
20	.5	.5	.2	1.0	1.0	.9	.8	4.7	2.6	1.4	2.0	3.2	2.0	1.5	2.2	1.0	1.5	1.7	1.1	1.4	2.0	2.7	2.6	3.2	1.7	4.7
21	2.5	1.2	1.2	1.2	1.5	.8	1.1	.7	1.6	2.3	2.4	2.5	1.3	1.4	2.4	1.8	1.8	1.5	2.0	4.2	3.2	3.1	1.9	1.1	1.9	4.2
22	.8	.8	.8	.7	.7	1.1	2.4	1.1	1.4	1.3	2.6	4.1	4.9	8.9	5.9	10.5	10.3	4.5	2.0	2.8	5.9	3.0	1.6	2.8	3.4	10.5
23	4.7	3.3	4.6	8.1	5.0	3.3	6.3	10.7	3.8	4.2	3.7	3.1	2.9	9.2	10.8	9.6	3.4	3.5	2.0	4.3	4.8	5.1	1.5	2.8	5.0	10.8
24	4.9	3.5	2.5	2.0	3.6	6.1	7.1	7.5	7.9	6.1	6.8	7.0	6.6	11.2	9.9	13.6	9.4	8.7	10.7	9.0	6.9	6.7	6.6	2.0	6.9	13.6
25	2.6	5.3	4.7	3.1	1.5	2.0	1.7	1.5	1.5	1.2	1.6	2.2	5.2	5.6	2.3	1.5	2.0	1.3	.7	2.9	4.1	2.9	1.1	1.6	2.5	5.6
26	3.4	2.6	1.5	.4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.0	3.4
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
AV	2.8	2.5	2.4	2.5	2.4	2.3	2.7	2.8	2.6	2.4	2.8	3.4	3.0	3.9	3.9	3.9	3.0	2.9	2.5	2.5	2.9	2.6	1.9	2.2	2.8	13.6
SD	2.4	2.4	2.5	2.3	2.1	1.8	2.5	2.8	1.6	1.5	1.3	1.4	1.4	2.8	2.7	3.5	2.8	2.6	2.5	2.4	2.4	1.9	1.9	2.0	2.3	[ ]

QHOUT -- 00000 <811111.1807>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JAN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	51	125	151	90	252	255	283	162	42	322	110	341	295	304	270	283	277	204	170	141	191	140	164	164	8
2	194	180	144	164	298	209	191	232	265	306	260	322	305	294	308	312	319	297	229	111	156	129	154	92	15
3	121	134	145	232	207	132	124	175	143	181	304	281	301	22	29	86	142	169	145	184	243	248	245	270	7
4	231	144	267	149	195	190	192	181	185	214	207	219	231	243	306	300	23	255	292	244	249	210	273	263	11
5	288	256	181	301	292	295	307	303	302	317	330	314	313	307	335	301	315	312	300	310	204	137	232	249	15
6	274	282	302	254	259	295	324	306	314	332	336	32	56	61	64	61	94	121	123	100	71	145	150	127	14
7	203	159	184	217	180	212	218	173	100	321	64	357	287	295	53	285	265	187	166	150	145	148	141	199	9
8	161	233	196	73	105	115	165	127	143	291	308	308	301	303	287	290	272	138	131	149	154	140	161	169	7
9	121	158	205	146	142	103	137	155	130	176	128	326	288	305	302	305	295	250	170	139	154	125	196	156	7
10	137	133	119	81	138	131	110	139	143	293	76	279	306	292	290	301	288	228	170	152	156	164	147	166	7
11	168	215	114	176	150	119	202	192	223	254	302	319	254	143	1	295	286	268	55	144	156	188	133	168	8
12	133	173	117	121	142	248	157	147	91	222	4	295	291	282	283	292	236	157	171	151	156	156	199	135	8
13	142	105	94	161	219	113	140	135	230	271	283	332	319	288	350	352	315	48	171	139	122	108	104	164	7
14	152	206	203	174	190	97	254	183	234	240	51	70	283	279	296	290	274	164	133	141	123	128	145	147	8
15	114	125	152	209	122	152	182	197	212	291	257	303	315	319	301	274	155	145	141	138	141	200	167	174	7
16	254	147	194	63	247	165	168	216	129	140	69	319	303	319	282	268	266	211	229	218	210	219	207	158	10
17	230	218	226	247	76	290	222	120	245	210	236	323	352	292	26	223	235	223	242	233	258	134	103	127	11
18	234	225	256	113	86	119	140	150	115	20	[VA]	278	243	301	178	234	251	240	216	188	167	144	157	132	12
19	133	222	126	132	138	153	155	157	123	120	283	303	308	328	264	243	240	241	221	197	256	214	238	143	7
20	145	150	168	294	166	150	168	145	161	76	52	267	229	222	221	238	232	195	173	82	131	123	116	127	8
21	187	188	191	183	190	186	187	179	179	197	281	299	305	271	226	187	172	202	211	251	221	206	188	264	10
22	279	289	146	141	177	177	204	232	250	264	267	302	298	292	297	293	291	284	286	301	165	194	244	277	13
23	213	126	122	159	150	129	251	81	96	286	352	16	292	284	44	58	88	103	147	150	133	97	118	238	5
24	226	130	325	139	153	156	113	158	49	106	324	310	298	296	332	338	106	119	151	147	128	136	114	132	7
25	103	96	98	128	126	125	168	290	210	170	295	307	288	305	304	286	273	118	147	148	156	155	143	155	7
26	124	97	153	124	126	121	147	101	117	277	297	304	302	298	57	57	296	166	155	213	178	170	146	176	8
27	212	221	247	283	286	277	279	285	285	293	348	296	349	310	43	76	331	113	151	161	173	172	151	146	14
28	133	161	149	136	160	233	145	101	264	305	246	309	291	359	340	299	299	246	167	151	156	145	170	223	8
29	111	86	169	153	157	309	121	178	230	221	275	292	285	299	215	76	302	200	76	110	158	161	157	160	8
30	172	180	239	250	186	237	208	145	205	323	309	286	282	299	279	316	35	121	142	153	168	171	197	174	9
31	161	142	139	152	163	179	140	267	280	278	310	290	303	344	46	286	274	269	315	54	141	141	169	140	7
PV	7	7	7	8	8	8	8	8	[VA]	14	14	14	14	14	14	14	14	10	8	8	8	8	8	8	7

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JAN, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	NE	SE	SSE	E	WSW	WSW	WNW	SSE	NE	NW	ESE	NNW	WNW	NW	W	WNW	W	SSW	S	SE	S	SE	SSE	SSE	SSE
2	SSW	S	SE	SSE	WNW	SSW	S	SW	W	NW	W	NW	NW	WNW	NW	NW	NW	WNW	SW	ESE	SSE	SE	SSE	E	NW
3	ESE	SE	SE	SW	SSW	SE	SE	S	SE	S	NW	W	WNW	NNE	NNE	E	SE	S	SE	S	WSW	WSW	WSW	W	SE
4	SW	SE	W	SSE	SSW	S	SSW	S	S	SW	SSW	SW	SW	WSW	NW	WNW	NNE	WSW	WNW	WSW	WSW	SSW	W	W	SW
5	WNW	WSW	S	WNW	WNW	WNW	NW	WNW	WNW	NW	NNW	NW	NW	NW	NNW	WNW	NW	NW	WNW	NW	SSW	SE	SW	WSW	NW
6	W	WNW	WNW	WSW	W	WNW	NW	NW	NW	NNW	NNW	NNE	NE	ENE	ENE	ENE	E	ESE	ESE	E	ENE	SE	SSE	SE	WNW
7	SSW	SSE	S	SW	S	SSW	SW	S	E	NW	ENE	N	WNW	WNW	NE	WNW	W	S	SSE	SSE	SE	SSE	SE	SSW	S
8	SSE	SW	SSW	ENE	ESE	ESE	SSE	SE	SE	WNW	NW	NW	WNW	WNW	WNW	WNW	W	SE	SE	SSE	SSE	SE	SSE	S	SE
9	ESE	SSE	SSW	SE	SE	ESE	SE	SSE	SE	S	SE	NW	WNW	NW	WNW	NW	WNW	WSW	S	SE	SSE	SE	SSW	SSE	SE
10	SE	SE	ESE	E	SE	SE	ESE	SE	SE	WNW	ENE	W	NW	WNW	WNW	WNW	WNW	SW	S	SSE	SSE	SSE	SSE	SSE	SE
11	SSE	SW	ESE	S	SSE	ESE	SSW	SSW	SW	WSW	WNW	NW	WSW	SE	N	WNW	WNW	W	NE	SE	SSE	S	SE	SSE	SSE
12	SE	S	ESE	ESE	SE	WSW	SSE	SSE	E	SW	N	WNW	WNW	WNW	WNW	WNW	SW	SSE	S	SSE	SSE	SSE	SSW	SE	SSE
13	SE	ESE	E	SSE	SW	ESE	SE	SE	SW	W	WNW	NNW	NW	WNW	N	N	NW	NE	S	SE	ESE	ESE	ESE	SSE	SE
14	SSE	SSW	SSW	S	S	E	WSW	S	SW	WSW	NE	ENE	WNW	W	WNW	WNW	W	SSE	SE	SE	ESE	SE	SE	SSE	SSE
15	ESE	SE	SSE	SSW	ESE	SSE	S	SSW	SSW	WNW	WSW	WNW	NW	NW	WNW	W	SSE	SE	SE	SE	SE	SSW	SSE	S	SE
16	WSW	SSE	SSW	ENE	WSW	SSE	SSE	SW	SE	SE	ENE	NW	WNW	NW	WNW	W	W	SSW	SW	SW	SSW	SW	SSW	SSE	SSW
17	SW	SW	SW	WSW	ENE	WNW	SW	ESE	WSW	SSW	SW	NW	N	WNW	NNE	SW	SW	SW	WSW	SW	WSW	SE	ESE	SE	SW
18	SW	SW	WSW	ESE	E	ESE	SE	SSE	ESE	NNE	[VA]	W	WSW	WNW	S	SW	WSW	WSW	SW	S	SSE	SE	SSE	SE	WSW
19	SE	SW	SE	SE	SE	SSE	SSE	SSE	ESE	ESE	WNW	WNW	NW	NNW	W	WSW	WSW	WSW	SW	SSW	WSW	SW	WSW	SE	SE
20	SE	SSE	SSE	WNW	SSE	SSE	S	SE	SSE	ENE	NE	W	SW	SW	SW	WSW	SW	SSW	S	E	SE	ESE	ESE	SE	SSE
21	S	S	S	S	S	S	S	S	S	SSW	W	WNW	NW	W	SW	S	S	SSW	SSW	WSW	SW	SSW	S	W	SSW
22	W	WNW	SE	SE	S	S	SSW	SW	WSW	W	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	SSE	SSW	WSW	W	W
23	SSW	SE	ESE	SSE	SSE	SE	WSW	E	E	WNW	N	NNE	WNW	WNW	NE	ENE	E	ESE	SSE	SSE	SE	E	ESE	WSW	E
24	SW	SE	NW	SE	SSE	SSE	ESE	SSE	NE	ESE	NW	NW	WNW	WNW	NNW	NNW	ESE	ESE	SSE	SSE	SE	SE	ESE	SE	SE
25	ESE	E	E	SE	SE	SE	SSE	WNW	SSW	S	WNW	NW	WNW	NW	NW	WNW	W	ESE	SSE	SSE	SSE	SSE	SE	SSE	SE
26	SE	E	SSE	SE	SE	ESE	SSE	E	ESE	W	WNW	NW	WNW	WNW	ENE	ENE	WNW	SSE	SSE	SSW	S	S	SE	S	SSE
27	SSW	SW	WSW	WNW	WNW	W	W	WNW	WNW	WNW	NNW	WNW	N	NW	NE	ENE	NNW	ESE	SSE	SSE	S	S	SSE	SE	WNW
28	SE	SSE	SSE	SE	SSE	SW	SE	E	W	NW	WSW	NW	WNW	N	NNW	WNW	WNW	WSW	SSE	SSE	SSE	SE	S	SW	SSE
29	ESE	E	S	SSE	SSE	NW	ESE	S	SW	SW	W	WNW	WNW	WNW	SW	ENE	WNW	SSW	ENE	ESE	SSE	SSE	SSE	SSE	SSE
30	S	S	WSW	WSW	S	WSW	SSW	SE	SSW	NW	NW	WNW	WNW	WNW	W	NW	NE	ESE	SE	SSE	SSE	S	SSW	S	S
31	SSE	SE	SE	SSE	SSE	S	SE	W	W	W	NW	WNW	WNW	NNW	NE	WNW	W	W	NW	NE	SE	SE	S	SE	SE
PV	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	[VA]	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	SSW	SSE	SSE	SSE	SSE	SSE	SSE	SE

WHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	150	140	246	241	176	182	159	148	177	317	273	159	105	302	264	328	47	109	101	84	57	300	58	62	8
2	132	134	145	199	170	171	122	153	227	159	313	319	307	119	56	47	68	132	160	153	176	173	188	201	9
3	210	205	210	204	87	98	206	194	209	150	206	268	9	41	62	56	60	81	85	93	102	93	86	85	5
4	78	92	83	93	94	87	79	77	88	72	61	57	46	43	46	46	63	72	75	82	86	95	101	132	4
5	136	139	138	139	154	145	151	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	7
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	299	340	295	120	82	143	277	188	171	171	184	185	177	170	9
12	252	212	150	127	152	197	125	178	153	332	313	299	286	286	290	298	288	252	170	165	139	166	179	187	8
13	148	30	132	122	159	144	148	126	259	305	29	7	290	298	303	320	52	178	173	132	149	178	155	115	8
14	136	122	88	85	117	40	148	123	303	310	283	314	326	22	283	296	292	253	150	162	206	204	177	167	14
15	198	157	137	131	190	125	293	259	241	61	296	344	323	294	296	326	72	131	135	132	114	166	200	168	7
16	155	140	175	109	168	110	189	120	160	252	16	45	285	306	297	85	85	165	221	100	188	159	123	128	8
17	175	99	125	196	261	105	0	126	344	286	307	309	294	312	9	34	284	271	159	127	167	145	133	154	7
18	88	142	151	151	151	151	151	151	146	242	340	32	343	311	301	294	303	268	162	150	150	157	159	185	8
19	235	249	150	161	144	140	201	220	146	271	336	305	296	296	298	29	15	32	147	225	135	182	155	150	8
20	196	199	189	192	202	150	161	164	288	347	303	297	304	320	348	296	280	254	198	155	165	138	196	215	10
21	151	190	173	156	170	213	154	144	99	341	309	297	274	278	280	295	287	263	161	151	154	113	168	177	8
22	200	163	177	167	154	118	136	141	287	263	301	295	289	341	51	17	306	237	160	163	210	170	120	48	8
23	130	1	267	212	205	249	285	250	157	157	314	0	292	281	279	279	286	300	55	295	246	157	159	166	14
24	101	120	125	121	127	115	118	137	126	41	335	281	43	64	335	356	46	72	145	162	155	149	186	183	7
25	228	194	137	150	128	153	189	200	301	291	300	44	24	8	294	22	4	8	136	158	151	168	126	166	8
26	168	253	225	187	201	205	176	252	321	331	316	321	294	299	82	270	166	171	161	163	143	161	155	171	9
27	163	149	143	47	117	165	140	176	175	262	316	310	295	299	293	137	82	167	152	154	179	173	165	152	8
28	166	176	171	219	220	174	164	144	323	301	294	316	274	309	319	296	296	122	132	141	182	199	229	134	[VA]
PV	8	7	7	8	8	7	8	7	14	16	15	15	14	14	14	14	14	12	8	8	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SE	WSW	WSW	S	S	SSE	SSE	S	NW	W	SSE	ESE	WNW	W	NNW	NE	ESE	E	E	ENE	WNW	ENE	ENE	SSE
2	SE	SE	SE	SSW	S	S	ESE	SSE	SW	SSE	NW	NW	NW	ESE	NE	NE	ENE	SE	SSE	SSE	S	S	S	SSW	S
3	SSW	SSW	SSW	SSW	E	E	SSW	SSW	SSW	SSE	SSW	W	N	NE	ENE	NE	ENE	E	E	E	ESE	E	E	E	E
4	ENE	E	E	E	E	E	E	ENE	E	ENE	ENE	ENE	NE	NE	NE	NE	ENE	ENE	ENE	E	E	E	E	SE	ENE
5	SE	SE	SE	SE	SSE	SE	SSE	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	SE
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	WNW	NNW	WNW	ESE	E	SE	W	S	S	S	S	S	S	S	S
12	WSW	SSW	SSE	SE	SSE	SSW	SE	S	SSE	NNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WSW	S	SSE	SE	SSE	S	S	SSE
13	SSE	NNE	SE	ESE	SSE	SE	SSE	SE	W	NW	NNE	N	WNW	WNW	WNW	NW	NE	S	S	SE	SSE	S	SSE	ESE	SSE
14	SE	ESE	E	E	ESE	NE	SSE	ESE	WNW	NW	WNW	NW	NW	NNE	WNW	WNW	WNW	WSW	SSE	SSE	SSW	SSW	S	SSE	WNW
15	SSW	SSE	SE	SE	S	SE	WNW	W	WSW	ENE	WNW	NNW	NW	WNW	WNW	NW	ENE	SE	SE	SE	ESE	SSE	SSW	SSE	SE
16	SSE	SE	S	ESE	SSE	ESE	S	ESE	SSE	WSW	NNE	NE	WNW	NW	WNW	E	E	SSE	SW	E	S	SSE	ESE	SE	SSE
17	S	E	SE	SSW	W	ESE	N	SE	NNW	WNW	NW	NW	WNW	NW	N	NE	WNW	W	SSE	SE	SSE	SE	SE	SSE	SE
18	E	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	WSW	NNW	NNE	NNW	NW	WNW	WNW	WNW	W	SSE	SSE	SSE	SSE	SSE	S	SSE
19	SW	WSW	SSE	SSE	SE	SE	SSW	SW	SE	W	NNW	NW	WNW	WNW	WNW	NNE	NNE	NNE	SSE	SW	SE	S	SSE	SSE	SSE
20	SSW	SSW	S	SSW	SSW	SSE	SSE	SSE	WNW	NNW	WNW	WNW	NW	NW	NNW	WNW	W	WSW	SSW	SSE	SSE	SE	SSW	SW	SSW
21	SSE	S	S	SSE	S	SSW	SSE	SE	E	NNW	NW	WNW	W	W	W	WNW	WNW	W	SSE	SSE	SSE	ESE	SSE	S	SSE
22	SSW	SSE	S	SSE	SSE	ESE	SE	SE	WNW	W	WNW	WNW	WNW	NNW	NE	NNE	NW	WSW	SSE	SSE	SSW	S	ESE	NE	SSE
23	SE	N	W	SSW	SSW	WSW	WNW	WSW	SSE	SSE	NW	N	WNW	W	W	W	WNW	WNW	NE	WNW	WSW	SSE	SSE	SSE	WNW
24	E	ESE	SE	ESE	SE	ESE	ESE	SE	SE	NE	NNW	W	NE	ENE	NNW	N	NE	ENE	SE	SSE	SSE	SSE	S	S	SE
25	SW	SSW	SE	SSE	SE	SSE	S	SSW	WNW	WNW	WNW	NE	NNE	N	WNW	NNE	N	N	SE	SSE	SSE	SSE	SE	SSE	SSE
26	SSE	WSW	SW	S	SSW	SSW	S	WSW	NW	NNW	NW	NW	WNW	WNW	E	W	SSE	S	SSE	SSE	SE	SSE	SSE	S	S
27	SSE	SSE	SE	NE	ESE	SSE	SE	S	S	W	NW	NW	WNW	WNW	WNW	SE	E	SSE	SSE	SSE	S	S	SSE	SSE	SSE
28	SSE	S	S	SW	SW	S	SSE	SE	NW	WNW	WNW	NW	W	NW	NW	WNW	WNW	ESE	SE	SE	S	SSW	SW	SE	[VA]
PV	SSE	SE	SE	SSE	SSE	SE	SSE	SE	WNW	NNW	NW	NW	WNW	WNW	WNW	WNW	WNW	WSW	SSE	SSE	SSE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

MAR, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	146	161	189	217	167	208	103	170	331	355	312	310	294	286	204	240	197	208	204	219	231	221	235	239	10
2	237	174	167	196	152	138	132	146	148	228	243	241	221	230	234	247	143	19	141	108	79	73	48	329	[VA]
3	15	84	126	150	252	251	293	270	162	61	76	318	240	158	209	241	273	11	50	330	39	63	153	228	12
4	166	167	168	166	163	152	138	98	299	294	130	332	289	290	303	293	292	290	290	270	138	226	155	161	8
5	148	142	72	142	172	141	133	22	324	302	244	92	147	141	76	148	179	142	142	8	322	312	242	96	8
6	305	286	330	3	50	113	201	153	180	90	300	270	302	296	294	264	307	312	8	143	154	135	227	218	14
7	217	106	140	148	168	229	271	265	357	292	32	49	4	307	287	317	316	48	169	152	149	156	122	114	8
8	147	228	162	138	238	204	172	133	344	149	303	292	286	308	319	300	340	161	173	235	210	208	204	234	10
9	211	129	141	127	167	62	213	78	65	54	14	297	309	293	286	294	284	268	248	227	208	221	221	228	11
10	264	174	159	137	142	185	177	168	188	287	252	302	283	336	303	260	239	214	226	280	297	169	174	158	9
11	182	151	181	123	163	146	148	185	67	145	204	204	199	201	192	210	207	205	204	216	208	208	208	198	10
12	209	221	264	284	292	290	283	287	297	298	306	322	320	299	303	305	313	311	334	94	110	139	150	165	14
13	128	144	124	214	221	160	191	123	16	320	323	296	300	317	324	310	310	306	210	161	170	167	204	192	15
14	217	193	173	148	162	220	212	279	296	294	303	306	334	203	186	194	201	188	190	201	199	206	206	190	10
15	233	216	208	299	143	148	203	250	203	270	261	265	266	256	261	241	238	258	255	203	201	239	234	224	12
16	157	166	118	140	168	190	231	177	188	192	196	200	214	201	191	210	207	232	218	253	313	313	167	222	10
17	188	201	203	196	205	288	141	78	35	346	298	287	251	248	240	238	210	210	181	156	119	132	139	142	10
18	155	148	138	209	213	150	251	309	51	192	200	194	181	189	194	186	198	239	288	281	2	71	85	249	10
19	226	186	211	195	194	194	210	270	316	273	281	290	282	275	288	303	301	305	305	294	290	273	267	225	14
20	206	225	182	219	215	197	231	250	315	296	290	306	299	323	321	330	312	328	323	308	309	292	229	156	15
21	164	148	142	154	146	113	204	289	323	319	304	312	289	317	300	309	303	180	155	150	144	174	154	147	8
22	148	153	154	191	180	154	224	160	46	49	317	323	308	297	325	314	295	324	57	143	286	295	235	149	15
23	159	152	208	164	165	232	175	262	297	288	286	299	296	302	297	309	304	321	351	155	154	168	163	167	14
24	191	180	188	211	165	181	159	176	294	347	295	335	298	314	311	314	330	325	320	308	299	325	85	82	15
25	81	81	82	79	126	152	183	283	322	329	309	286	293	280	280	306	296	37	96	167	145	146	201	149	14
26	159	337	187	155	124	144	163	124	118	129	172	100	13	318	355	46	320	11	245	176	126	160	231	237	8
27	153	205	130	102	164	143	161	179	315	354	318	6	293	265	238	245	260	246	186	155	181	208	232	257	8
28	242	237	190	192	206	195	184	164	168	215	213	212	214	210	200	199	217	211	208	227	228	212	176	201	10
29	202	218	238	221	277	262	239	312	305	44	312	166	170	293	267	256	242	266	283	281	278	262	183	141	13
30	154	170	162	155	153	217	241	248	275	281	285	277	280	294	302	301	305	294	290	269	135	145	156	252	14
31	173	160	150	168	139	143	131	65	335	319	306	265	307	290	265	226	241	225	204	200	205	204	197	197	10
PV	9	8	8	8	8	8	9	13	15	14	14	14	14	14	14	15	15	15	10	8	[VA]	10	11	11	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [DC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

MAR, 1982

AEROVIRONMENT INC.

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*                 *
*    FINAL DATA   *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	SSE	S	SW	SSE	SSW	ESE	S	NNW	N	NW	NW	WNW	WNW	SSW	WSW	SSW	SSW	SSW	SW	SW	SW	SW	WSW	SSW
2	WSW	S	SSE	SSW	SSE	SE	SE	SE	SSE	SW	WSW	WSW	SW	SW	SW	WSW	SE	NNE	SE	ESE	E	ENE	NE	NNW	[VA]
3	NNE	E	SE	SSE	WSW	WSW	WNW	W	SSE	ENE	ENE	NW	WSW	SSE	SSW	WSW	W	N	NE	NNW	NE	ENE	SSE	SW	WSW
4	SSE	SSE	SSE	SSE	SSE	SSE	SE	E	WNW	WNW	SE	NNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	SE	SW	SSE	SSE	SSE
5	SSE	SE	ENE	SE	S	SE	SE	NNE	NW	WNW	WSW	E	SSE	SE	ENE	SSE	S	SE	SE	N	NW	NW	WSW	E	SSE
6	NW	WNW	NNW	N	NE	ESE	SSW	SSE	S	E	WNW	W	WNW	WNW	WNW	W	NW	NW	N	SE	SSE	SE	SW	SW	WNW
7	SW	ESE	SE	SSE	SSE	SW	W	W	N	WNW	NNE	NE	N	NW	WNW	NW	NW	NE	S	SSE	SSE	SSE	ESE	ESE	SSE
8	SSE	SW	SSE	SE	WSW	SSW	S	SE	NNW	SSE	WNW	WNW	WNW	NW	NW	WNW	NNW	SSE	S	SW	SSW	SSW	SSW	SW	SSW
9	SSW	SE	SE	SE	SSE	ENE	SSW	ENE	ENE	NE	NNE	WNW	NW	WNW	WNW	WNW	WNW	W	WSW	SW	SSW	SW	SW	SW	SW
10	W	S	SSE	SE	SE	S	S	SSE	S	WNW	WSW	WNW	WNW	NNW	WNW	W	WSW	SW	SW	W	WNW	S	S	SSE	S
11	S	SSE	S	ESE	SSE	SE	SSE	S	ENE	SE	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SSW	SSW	SSW	SSW
12	SSW	SW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	WNW	WNW	NW	NW	NW	NNW	E	ESE	SE	SSE	SSE	WNW
13	SE	SE	SE	SW	SW	SSE	S	ESE	NNE	NW	NW	WNW	WNW	NW	NW	NW	NW	NW	SSW	SSE	S	SSE	SSW	SSW	NW
14	SW	SSW	S	SSE	SSE	SW	SSW	W	WNW	WNW	WNW	NW	NNW	SSW	S	SSW	SSW	S	S	SSW	SSW	SSW	SSW	S	SSW
15	SW	SW	SSW	WNW	SE	SSE	SSW	WSW	SSW	W	W	W	W	WSW	W	WSW	WSW	WSW	WSW	SSW	SSW	WSW	SW	SW	WSW
16	SSE	SSE	ESE	SE	SSE	S	SW	S	S	SSW	SSW	SSW	SW	SSW	S	SSW	SSW	SW	SW	WSW	NW	NW	SSE	SW	SSW
17	S	SSW	SSW	SSW	SSW	WNW	SE	ENE	NE	NNW	WNW	WNW	WSW	WSW	WSW	WSW	SSW	SSW	S	SSE	ESE	SE	SE	SE	SSW
18	SSE	SSE	SE	SSW	SSW	SSE	WSW	NW	NE	SSW	SSW	SSW	S	S	SSW	S	SSW	WSW	WNW	W	N	ENE	E	WSW	SSW
19	SW	S	SSW	SSW	SSW	SSW	SSW	W	NW	W	W	WNW	WNW	W	WNW	WNW	WNW	NW	NW	WNW	WNW	W	W	SW	WNW
20	SSW	SW	S	SW	SW	SSW	SW	WSW	NW	WNW	WNW	NW	WNW	NW	NW	NNW	NW	NNW	NW	NW	NW	WNW	SW	SSE	NW
21	SSE	SSE	SE	SSE	SE	ESE	SSW	WNW	NW	NW	NW	NW	WNW	NW	WNW	NW	WNW	S	SSE	SSE	SE	S	SSE	SSE	SSE
22	SSE	SSE	SSE	S	S	SSE	SW	SSE	NE	NE	NW	NW	NW	WNW	NW	NW	WNW	NW	ENE	SE	WNW	WNW	SW	SSE	NW
23	SSE	SSE	SSW	SSE	SSE	SW	S	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	N	SSE	SSE	SSE	SSE	SSE	WNW
24	S	S	S	SSW	SSE	S	SSE	S	WNW	NNW	WNW	NNW	WNW	NW	NW	NW	NNW	NW	NW	NW	WNW	NW	E	E	NW
25	E	E	E	E	SE	SSE	S	WNW	NW	NNW	NW	WNW	WNW	W	W	NW	WNW	NE	E	SSE	SE	SE	SSW	SSE	WNW
26	SSE	NNW	S	SSE	SE	SE	SSE	SE	ESE	SE	S	E	NNE	NW	N	NE	NW	N	WSW	S	SE	SSE	SW	WSW	SSE
27	SSE	SSW	SE	ESE	SSE	SE	SSE	S	NW	N	NW	N	WNW	W	WSW	WSW	W	WSW	S	SSE	S	SSW	SW	WSW	SSE
28	WSW	WSW	S	SSW	SSW	SSW	S	SSE	SSE	SW	SSW	SSW	SW	SSW	SSW	SSW	SW	SSW	SSW	SW	SW	SSW	S	SSW	SSW
29	SSW	SW	WSW	SW	W	W	WSW	NW	NW	NE	NW	SSE	S	WNW	W	WSW	WSW	W	WNW	W	W	W	S	SE	W
30	SSE	S	SSE	SSE	SSE	SW	WSW	WSW	W	W	WNW	W	W	WNW	WNW	WNW	NW	WNW	WNW	W	SE	SE	SSE	WSW	WNW
31	S	SSE	SSE	SSE	SE	SE	SE	ENE	NNW	NW	NW	W	NW	WNW	W	SW	WSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW
PV	S	SSE	SSE	SSE	SSE	SSE	S	W	NW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	SSW	SSE	[VA]	SSW	SW	SW	SSE

WNOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

APR, 1982

AERONIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	182	171	178	190	191	190	204	188	188	204	214	217	200	199	211	228	208	225	221	229	248	263	248	243	10
2	280	286	274	258	257	280	294	292	293	292	297	299	288	283	285	283	282	277	270	308	270	127	146	174	13
3	199	175	186	214	222	238	93	321	15	315	305	326	317	317	272	254	280	268	259	191	203	203	205	206	10
4	192	202	212	208	208	208	175	195	245	239	256	268	260	276	294	302	316	299	294	292	291	294	294	297	14
5	280	201	217	192	152	134	178	230	327	288	297	356	291	96	337	322	33	38	70	61	25	172	150	149	8
6	144	136	150	140	145	207	156	308	314	16	312	310	308	264	233	241	216	210	233	245	155	298	166	159	8
7	133	214	128	276	299	320	306	47	66	89	314	296	27	47	43	351	66	134	64	130	194	147	299	157	[VA]
8	174	169	205	194	149	144	156	331	350	292	297	294	288	295	283	281	277	294	299	306	306	274	301	295	14
9	269	236	145	137	154	197	277	293	315	295	307	319	283	294	290	299	322	9	53	116	135	131	137	157	14
10	133	165	139	141	153	238	266	345	317	302	317	313	4	57	316	305	315	301	260	223	202	207	234	221	15
11	143	138	171	180	216	176	175	249	237	256	308	306	298	255	213	196	228	225	236	126	152	201	223	232	11
12	233	241	235	290	238	174	149	67	50	43	354	335	312	311	312	311	310	319	329	308	158	153	139	143	15
13	145	174	168	165	163	171	285	270	322	322	321	321	290	320	311	292	268	248	208	177	172	165	194	188	9
14	146	71	96	124	140	143	152	337	41	313	298	305	280	279	269	278	275	300	326	77	147	145	148	163	7
15	92	246	78	130	133	140	169	212	289	309	311	305	302	301	298	306	301	303	305	318	312	306	283	118	15
16	88	90	101	98	102	103	91	77	67	75	108	215	3	280	271	319	64	8	310	189	137	132	144	154	5
17	200	124	145	195	172	196	284	297	317	306	301	349	284	282	281	291	320	310	270	230	201	200	158	140	14
18	136	158	229	165	143	186	205	304	329	315	315	299	284	302	295	303	306	305	307	305	302	295	319	350	15
19	35	329	276	286	168	139	119	331	68	309	58	298	281	321	10	38	37	32	31	54	66	64	68	68	3
20	50	37	56	3	7	133	96	69	70	62	61	42	38	26	28	356	49	55	77	56	69	48	161	170	3
21	139	132	129	137	169	136	164	311	15	42	63	69	61	63	65	47	49	52	59	87	130	93	132	136	4
22	135	111	137	93	149	113	84	307	315	312	346	308	280	304	349	340	323	309	312	208	173	160	192	162	15
23	173	200	164	185	169	157	283	217	175	196	194	200	126	158	320	126	214	217	212	205	185	166	169	180	9
24	203	195	231	130	130	131	188	351	4	330	266	267	279	323	332	277	310	326	315	277	277	285	243	204	13
25	145	134	146	170	197	190	264	302	357	334	13	311	281	302	280	270	291	338	239	273	209	161	154	199	13
26	135	131	137	149	207	133	129	112	221	268	302	252	240	330	306	250	76	57	351	74	103	120	207	162	7
27	268	174	270	204	142	216	187	221	335	335	316	269	275	356	298	305	312	41	65	122	137	97	113	144	[VA]
28	137	175	176	209	128	196	276	22	343	343	300	301	294	291	288	328	353	19	188	171	175	183	179	164	9
29	185	190	215	306	294	293	294	265	219	302	350	61	56	52	57	60	60	65	84	97	128	107	101	102	4
30	108	97	88	88	223	174	263	312	299	63	352	293	288	335	287	286	300	306	4	94	126	150	145	178	14
PV	7	9	7	10	8	9	9	15	15	15	15	14	14	14	14	14	15	14	15	[VA]	7	8	8	8	14

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC102]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

APR, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	S	S	S	S	S	S	SSW	S	S	SSW	SW	SW	SSW	SSW	SSW	SW	SSW	SW	SW	SW	WSW	W	WSW	WSW	SSW
2	W	WNW	W	WSW	WSW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	NW	W	SE	SE	S	W
3	SSW	S	S	SW	SW	WSW	E	NW	NNE	NW	NW	NW	NW	NW	W	WSW	W	W	W	S	SSW	SSW	SSW	SSW	SSW
4	SSW	SSW	SSW	SSW	SSW	SSW	S	SSW	WSW	WSW	WSW	W	W	W	WNW	WNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
5	W	SSW	SW	SSW	SSE	SE	S	SW	NNW	WNW	WNW	N	WNW	E	NNW	NW	NNE	NE	ENE	ENE	NNE	S	SSE	SSE	SSE
6	SE	SE	SSE	SE	SE	SSW	SSE	NW	NW	NNE	NW	NW	NW	W	SW	WSW	SW	SSW	SW	WSW	SSE	WNW	SSE	SSE	SSE
7	SE	SW	SE	W	WNW	NW	NW	NNE	ENE	E	NW	WNW	NNE	NE	NE	N	ENE	SE	ENE	SE	SSW	SSE	WNW	SSE	[VA]
8	S	S	SSW	SSW	SSE	SE	SSE	NNW	N	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	WNW	NW	NW	W	WNW	WNW	WNW
9	W	SW	SE	SE	SSE	SSW	W	WNW	NW	WNW	NW	NW	WNW	WNW	WNW	WNW	NW	N	NE	ESE	SE	SE	SE	SSE	WNW
10	SE	SSE	SE	SE	SSE	WSW	W	NNW	NW	WNW	NW	NW	N	ENE	NW	NW	NW	WNW	W	SW	SSW	SSW	SW	SW	NW
11	SE	SE	S	S	SW	S	S	WSW	WSW	WSW	NW	NW	WNW	WSW	SSW	SSW	SW	SW	SW	SE	SSE	SSW	SW	SW	SW
12	SW	WSW	SW	WNW	WSW	S	SSE	ENE	NE	NE	N	NNW	NW	NW	NW	NW	NW	NW	NNW	NW	SSE	SSE	SE	SE	NW
13	SE	S	SSE	SSE	SSE	S	WNW	W	NW	NW	NW	NW	WNW	NW	NW	WNW	W	WSW	SSW	S	S	SSE	SSW	S	S
14	SE	ENE	E	SE	SE	SE	SSE	NNW	NE	NW	WNW	NW	W	W	W	W	W	WNW	NW	ENE	SSE	SE	SSE	SSE	SE
15	E	WSW	ENE	SE	SE	SE	S	SSW	WNW	NW	NW	NW	WNW	WNW	WNW	NW	WNW	WNW	NW	NW	NW	NW	WNW	ESE	NW
16	E	E	E	E	ESE	ESE	E	ENE	ENE	ENE	ESE	SW	N	W	W	NW	ENE	N	NW	S	SE	SE	SE	SSE	E
17	SSW	SE	SE	SSW	S	SSW	WNW	WNW	NW	NW	WNW	N	WNW	WNW	W	WNW	NW	NW	W	SW	SSW	SSW	SSE	SE	WNW
18	SE	SSE	SW	SSE	SE	S	SSW	NW	NNW	NW	NW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	WNW	WNW	NW	N	NW
19	NE	NNW	W	WNW	SSE	SE	ESE	NNW	ENE	NW	ENE	WNW	W	NW	N	NE	NE	NNE	NNE	NE	ENE	ENE	ENE	ENE	NE
20	NE	NE	NE	N	N	SE	E	ENE	ENE	ENE	ENE	NE	NE	NNE	NNE	N	NE	NE	ENE	NE	ENE	NE	SSE	S	NE
21	SE	SE	SE	SE	S	SE	SSE	NW	NNE	NE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	ENE	E	SE	E	SE	SE	ENE
22	SE	ESE	SE	E	SSE	ESE	E	NW	NW	NW	NNW	NW	W	NW	N	NNW	NW	NW	NW	SSW	S	SSE	SSW	SSE	NW
23	S	SSW	SSE	S	S	SSE	WNW	SW	S	SSW	SSW	SSW	SE	SSE	NW	SE	SW	SW	SSW	SSW	S	SSE	S	S	S
24	SSW	SSW	SW	SE	SE	SE	S	N	N	NNW	W	W	W	NW	NNW	W	NW	NW	NW	W	W	WNW	WSW	SSW	W
25	SE	SE	SE	S	SSW	S	W	WNW	N	NNW	NNE	NW	W	WNW	W	W	WNW	NNW	WSW	W	SSW	SSE	SSE	SSW	W
26	SE	SE	SE	SSE	SSW	SE	SE	ESE	SW	W	WNW	WSW	WSW	NNW	NW	WSW	ENE	ENE	N	ENE	ESE	ESE	SSW	SSE	SE
27	W	S	W	SSW	SE	SW	S	SW	NNW	NNW	NW	W	W	N	WNW	NW	NW	NE	ENE	ESE	SE	E	ESE	SE	[VA]
28	SE	S	S	SSW	SE	SSW	W	NNE	NNW	NNW	WNW	WNW	WNW	WNW	WNW	NNW	N	NNE	S	S	S	S	S	SSE	S
29	S	S	SW	NW	WNW	WNW	WNW	W	SW	WNW	N	ENE	NE	NE	ENE	ENE	ENE	ENE	E	E	SE	ESE	E	ESE	ENE
30	ESE	E	E	E	SW	S	W	NW	WNW	ENE	N	WNW	WNW	NNW	WNW	WNW	WNW	NW	N	E	SE	SSE	SE	S	WNW
PV	SE	S	SE	SSW	SSE	S	S	NW	NW	NW	NW	WNW	WNW	WNW	WNW	WNW	NW	WNW	NW	[VA]	SE	SSE	SSE	SSE	WNW

WHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC102]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

MAY, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	246	158	158	223	150	144	40	294	204	301	310	307	263	190	155	95	285	283	168	150	133	146	153	175	8
2	162	138	163	168	186	208	234	49	21	322	312	272	267	335	48	257	162	167	167	139	135	173	217	241	8
3	225	206	168	202	188	179	179	156	196	228	260	265	258	301	297	346	46	31	267	142	192	174	143	194	10
4	155	155	165	172	256	193	203	297	312	313	316	287	295	261	138	229	301	284	280	302	346	297	290	197	14
5	161	169	89	108	109	110	87	62	64	69	5	332	312	325	329	14	346	338	314	143	160	157	139	153	16
6	167	135	183	163	250	200	278	306	321	303	299	273	263	316	341	272	352	344	147	277	275	285	280	250	13
7	249	155	141	137	148	170	144	274	313	288	288	282	280	236	237	300	251	159	137	125	159	138	133	189	8
8	248	174	127	124	198	202	132	137	317	333	313	298	222	215	216	228	226	225	248	219	209	215	151	190	11
9	218	222	218	189	203	197	199	203	203	212	211	229	205	212	196	178	181	213	298	206	283	156	156	200	10
10	204	137	142	138	146	123	124	137	170	203	258	245	247	224	314	318	306	294	307	289	305	295	297	236	15
11	263	197	144	150	125	92	311	281	304	288	304	274	294	296	295	312	289	323	21	48	128	56	123	119	14
12	145	159	244	169	219	251	305	304	283	317	124	81	301	356	50	70	105	95	68	60	90	126	225	299	4
13	337	339	313	313	357	340	294	315	357	327	21	39	44	53	66	87	81	73	76	85	56	143	145	139	16
14	150	171	132	157	104	213	284	54	303	292	64	132	14	33	236	78	330	59	72	92	128	126	130	132	7
15	98	135	118	167	128	116	157	41	324	335	54	332	337	63	81	61	4	269	251	223	164	147	176	170	8
16	178	200	116	148	153	158	304	329	322	343	320	311	318	5	69	36	18	347	303	272	81	103	127	150	15
17	155	144	186	150	138	191	311	345	322	325	2	313	319	302	296	92	156	97	80	124	139	151	176	154	8
18	141	220	165	139	105	158	120	152	129	204	184	214	201	202	191	208	206	176	255	325	2	31	112	151	[VA]
19	227	295	105	123	131	156	182	151	197	309	242	207	164	260	303	306	7	39	39	15	104	190	265	242	8
20	148	149	155	214	128	199	330	344	308	301	357	298	349	292	57	46	112	266	59	92	138	145	150	176	8
21	143	201	154	155	172	232	309	32	304	24	295	314	232	348	315	321	352	23	64	114	135	150	137	132	7
22	177	152	151	224	135	150	315	347	25	313	304	307	28	313	157	277	292	315	316	303	210	173	189	174	15
23	138	159	152	145	151	[VA]	80	270	2	66	58	9	314	336	305	20	309	346	56	42	125	148	141	142	7
24	146	135	149	153	162	202	324	39	52	59	53	35	41	48	60	71	75	70	81	86	109	106	118	116	4
25	138	128	127	157	171	127	323	319	337	317	267	316	306	297	272	286	308	4	308	300	307	306	281	338	15
26	111	132	135	144	169	282	294	341	333	332	292	318	257	33	22	247	275	253	230	206	190	187	155	177	9
27	192	234	189	133	113	155	222	131	197	205	207	233	222	46	43	238	250	230	228	189	182	179	180	186	11
28	169	181	293	305	290	294	292	309	304	291	297	289	291	297	300	307	314	324	327	320	322	318	158	156	15
29	135	76	141	143	136	142	329	307	348	289	330	272	303	315	329	290	249	281	307	263	73	168	162	269	13
30	43	49	66	72	88	87	67	48	41	17	311	301	291	55	27	342	277	325	19	97	230	162	141	192	3
31	144	150	234	122	149	223	3	321	302	294	248	275	299	14	307	18	20	26	56	78	118	126	137	141	7
PV	8	8	8	8	8	10	15	15	15	15	14	15	14	14	14	15	14	15	4	5	7	8	8	9	15

WHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

MAY, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	WSW	SSE	SSE	SW	SSE	SE	NE	WNW	SSW	WNW	NW	NW	W	S	SSE	E	WNW	WNW	SSE	SSE	SE	SE	SSE	S	SSE
2	SSE	SE	SSE	SSE	S	SSW	SW	NE	NNE	NW	NW	W	W	NNW	NE	WSW	SSE	SSE	SSE	SE	SE	S	SW	WSW	SSE
3	SW	SSW	SSE	SSW	S	S	S	SSE	SSW	SW	W	W	WSW	WNW	WNW	NNW	NE	NNE	W	SE	SSW	S	SE	SSW	SSW
4	SSE	SSE	SSE	S	WSW	SSW	SSW	WNW	NW	NW	NW	WNW	WNW	W	SE	SW	WNW	WNW	W	WNW	NNW	WNW	WNW	SSW	WNW
5	SSE	S	E	ESE	ESE	ESE	E	ENE	ENE	ENE	N	NNW	NW	NW	NNW	NNE	NNW	NNW	NW	SE	SSE	SSE	SE	SSE	NNW
6	SSE	SE	S	SSE	WSW	SSW	W	NW	NW	WNW	WNW	W	W	NW	NNW	W	N	NNW	SSE	W	W	WNW	W	WSW	W
7	WSW	SSE	SE	SE	SSE	S	SE	W	NW	WNW	WNW	WNW	W	SW	WSW	WNW	WSW	SSE	SE	SE	SSE	SE	SE	S	SSE
8	WSW	S	SE	SE	SSW	SSW	SE	SE	NW	NNW	NW	WNW	SW	SW	SW	SW	SW	SW	WSW	SW	SSW	SW	SSE	S	SW
9	SW	SW	SW	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SSW	SSW	S	S	SSW	WNW	SSW	WNW	SSE	SSE	SSW	SSW
10	SSW	SE	SE	SE	SE	ESE	SE	SE	S	SSW	WSW	WSW	WSW	SW	NW	NW	NW	WNW	NW	WNW	NW	WNW	WNW	SW	NW
11	W	SSW	SE	SSE	SE	E	NW	W	NW	WNW	NW	W	WNW	WNW	WNW	NW	WNW	NW	NNE	NE	SE	NE	ESE	ESE	WNW
12	SE	SSE	WSW	S	SW	WSW	NW	NW	WNW	NW	SE	E	WNW	N	NE	ENE	ESE	E	ENE	ENE	E	SE	SW	WNW	ENE
13	NNW	NNW	NW	NW	N	NNW	WNW	NW	N	NNW	NNE	NE	NE	NE	ENE	E	E	ENE	ENE	E	NE	SE	SE	SE	NNW
14	SSE	S	SE	SSE	ESE	SSW	WNW	NE	WNW	WNW	ENE	SE	NNE	NNE	SW	ENE	NNW	ENE	ENE	E	SE	SE	SE	SE	SE
15	E	SE	ESE	SSE	SE	ESE	SSE	NE	NW	NNW	NE	NNW	NNW	ENE	E	ENE	N	W	WSW	SW	SSE	SSE	S	S	SSE
16	S	SSW	ESE	SSE	SSE	SSE	NW	NNW	NW	NNW	NW	NW	NW	N	ENE	NE	NNE	NNW	WNW	W	E	ESE	SE	SSE	NW
17	SSE	SE	S	SSE	SE	S	NW	NNW	NW	NW	N	NW	NW	WNW	WNW	E	SSE	E	E	SE	SE	SSE	S	SSE	SSE
18	SE	SW	SSE	SE	ESE	SSE	ESE	SSE	SE	SSW	S	SW	SSW	SSW	S	SSW	SSW	S	WSW	NW	N	NNE	ESE	SSE	[VA]
19	SW	WNW	ESE	ESE	SE	SSE	S	SSE	SSW	NW	WSW	SSW	SSE	W	WNW	NW	N	NE	NE	NNE	ESE	S	W	WSW	SSE
20	SSE	SSE	SSE	SW	SE	SSW	NNW	NNW	NW	WNW	N	WNW	N	WNW	ENE	NE	ESE	W	ENE	E	SE	SE	SSE	S	SSE
21	SE	SSW	SSE	SSE	S	SW	NW	NNE	NW	NNE	WNW	NW	SW	NNW	NW	NW	N	NNE	ENE	ESE	SE	SSE	SE	SE	SE
22	S	SSE	SSE	SW	SE	SSE	NW	NNW	NNE	NW	NW	NW	NNE	NW	SSE	W	WNW	NW	NW	WNW	SSW	S	S	S	NW
23	SE	SSE	SSE	SE	SSE	[VA]	E	W	N	ENE	ENE	N	NW	NNW	NW	NNE	NW	NNW	NE	NE	SE	SSE	SE	SE	SE
24	SE	SE	SSE	SSE	SSE	SSW	NW	NE	NE	ENE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	E	E	ESE	ESE	ESE	ESE	ENE
25	SE	SE	SE	SSE	S	SE	NW	NW	NNW	NW	W	NW	NW	WNW	W	WNW	NW	N	NW	WNW	NW	NW	W	NNW	NW
26	ESE	SE	SE	SE	S	WNW	WNW	NNW	NNW	NNW	WNW	NW	WSW	NNE	NNE	WSW	W	WSW	SW	SSW	S	S	SSE	S	S
27	SSW	SW	S	SE	ESE	SSE	SW	SE	SSW	SSW	SSW	SW	SW	NE	NE	WSW	WSW	SW	SW	S	S	S	S	S	SW
28	S	S	WNW	NW	WNW	WNW	WNW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NNW	NW	NW	NW	SSE	SSE	NW
29	SE	ENE	SE	SE	SE	SE	NNW	NW	NNW	WNW	NNW	W	WNW	NW	NNW	WNW	WSW	W	NW	W	ENE	SSE	SSE	W	W
30	NE	NE	ENE	ENE	E	E	ENE	NE	NE	NNE	NW	WNW	WNW	NE	NNE	NNW	W	NW	NNE	E	SW	SSE	SE	SSW	NE
31	SE	SSE	SW	ESE	SSE	SW	N	NW	WNW	WNW	WSW	W	WNW	NNE	NW	NNE	NNE	NNE	NE	ENE	ESE	SE	SE	SE	SE
PV	SSE	SSE	SSE	SSE	SSE	SSW	NW	NW	NW	NW	WNW	NW	WNW	WNW	WNW	NW	WNW	NW	ENE	E	SE	SSE	SSE	S	NW

QHOUT -- QU004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JUN, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	150	194	170	188	149	51	264	344	11	352	308	297	266	287	315	309	304	305	313	311	301	285	275	205	14
2	183	177	155	146	166	153	260	343	318	309	316	300	314	298	318	318	315	301	247	292	270	247	184	134	14
3	181	235	156	171	150	179	356	326	356	297	293	300	323	288	290	315	283	18	57	91	109	74	172	153	14
4	146	168	236	232	153	133	143	37	202	205	192	198	225	250	246	264	259	257	269	257	303	257	214	100	12
5	124	97	93	124	134	178	55	30	222	195	197	200	199	199	221	216	238	298	296	300	283	302	300	280	10
6	224	137	220	151	166	210	302	315	302	316	17	297	300	291	310	254	273	278	250	220	156	138	135	141	14
7	154	153	145	135	128	129	35	346	303	4	288	240	216	239	239	246	253	238	245	208	190	183	198	227	12
8	203	221	202	193	135	154	284	279	292	306	304	294	298	303	301	301	292	300	298	303	346	52	63	73	14
9	77	74	79	88	107	96	87	40	53	38	357	14	281	321	322	336	312	302	327	68	146	132	162	143	5
10	157	148	99	206	210	175	282	353	2	298	354	19	315	265	325	303	303	318	318	281	298	301	161	132	14
11	152	157	171	186	117	173	295	312	317	305	281	326	289	280	289	328	309	311	336	40	119	131	142	151	15
12	162	173	129	152	150	106	356	38	336	292	353	50	336	254	247	203	228	205	219	236	174	137	111	135	7
13	135	133	150	117	141	121	112	8	318	237	227	220	187	219	203	208	210	201	200	198	217	210	195	253	11
14	128	144	142	358	166	152	230	11	320	298	305	327	227	206	193	284	279	298	41	86	82	204	139	123	7
15	134	139	143	138	194	214	306	304	356	35	45	18	4	41	350	350	28	21	51	37	94	128	136	137	3
16	156	143	164	202	159	168	301	348	328	308	306	329	325	322	354	293	293	286	296	258	206	332	70	101	14
17	111	93	186	151	144	146	326	315	266	358	81	322	251	323	340	329	340	320	317	326	302	79	77	83	15
18	98	81	86	103	102	86	94	70	64	74	49	47	78	83	55	63	69	68	75	77	74	81	121	147	4
19	94	112	152	161	145	112	296	314	277	17	66	356	6	319	271	249	256	221	189	179	191	177	119	136	[VA]
20	149	158	145	132	132	162	313	32	6	305	304	317	336	262	168	212	5	312	299	284	260	211	167	154	8
21	150	173	160	176	221	260	152	32	53	42	331	316	203	173	206	324	357	254	176	150	153	163	143	172	9
22	142	135	143	138	40	225	98	37	337	311	297	321	288	306	268	246	338	327	237	162	122	169	157	147	7
23	162	178	167	162	160	96	323	311	310	357	316	120	145	168	213	272	307	328	79	141	160	134	139	149	8
24	161	159	199	190	206	123	353	313	304	284	289	284	304	283	281	271	303	11	355	100	124	147	155	157	14
25	270	133	116	147	163	161	127	29	32	338	100	59	10	6	120	71	52	96	104	126	111	138	119	164	7
26	126	150	168	147	204	185	301	15	342	309	1	298	286	286	309	248	292	12	25	80	132	139	151	140	7
27	156	195	153	139	183	219	297	325	317	36	352	306	314	317	304	337	328	333	345	234	219	170	163	154	15
28	179	266	186	116	143	140	142	25	30	6	233	211	202	203	186	213	214	214	208	214	191	147	185	121	10
29	161	216	154	170	159	165	213	210	187	209	214	202	194	194	179	199	219	223	228	201	166	158	151	160	10
30	257	147	149	168	190	195	189	155	157	154	145	154	173	170	243	212	41	50	47	80	134	165	155	163	8
PV	8	8	8	8	7	8	14	[VA]	15	15	15	15	15	14	15	12	14	15	14	11	6	8	7	7	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JUN, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSW	S	S	SSE	NE	W	NNW	N	N	NW	WNW	W	WNW	NW	NW	NW	NW	NW	NW	WNW	WNW	W	SSW	WNW
2	S	S	SSE	SE	SSE	SSE	W	NNW	NW	NW	NW	WNW	NW	WNW	NW	NW	NW	WNW	WSW	WNW	W	WSW	S	SE	WNW
3	S	SW	SSE	S	SSE	S	N	NW	N	WNW	WNW	WNW	NW	WNW	WNW	NW	WNW	NNE	ENE	E	ESE	ENE	S	SSE	WNW
4	SE	SSE	SW	SW	SSE	SE	SE	NE	SSW	SSW	SSW	SSW	SW	WSW	WSW	W	W	WSW	W	WSW	WNW	WSW	SW	E	WSW
5	SE	E	E	SE	SE	S	NE	NNE	SW	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WNW	WNW	WNW	WNW	WNW	WNW	W	SSW
6	SW	SE	SW	SSE	SSE	SSW	WNW	NW	WNW	NW	NNE	WNW	WNW	WNW	NW	WSW	W	W	WSW	SW	SSE	SE	SE	SE	WNW
7	SSE	SSE	SE	SE	SE	SE	NE	NNW	WNW	N	WNW	WSW	SW	WSW	WSW	WSW	WSW	WSW	WSW	SSW	S	S	SSW	SW	WSW
8	SSW	SW	SSW	SSW	SE	SSE	WNW	W	WNW	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NNW	NE	ENE	ENE	WNW
9	ENE	ENE	E	E	ESE	E	E	NE	NE	NE	N	NNE	W	NW	NW	NNW	NW	WNW	NNW	ENE	SE	SE	SSE	SE	E
10	SSE	SSE	E	SSW	SSW	S	WNW	N	N	WNW	N	NNE	NW	W	NW	WNW	WNW	NW	NW	W	WNW	WNW	SSE	SE	WNW
11	SSE	SSE	S	S	ESE	S	WNW	NW	NW	NW	W	NW	WNW	W	WNW	NNW	NW	NW	NNW	NE	ESE	SE	SE	SSE	NW
12	SSE	S	SE	SSE	SSE	ESE	N	NE	NNW	WNW	N	NE	NNW	WSW	WSW	SSW	SW	SSW	SW	SW	S	SE	ESE	SE	SE
13	SE	SE	SSE	ESE	SE	ESE	ESE	N	NW	WSW	SW	SW	S	SW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SSW	SSW	WSW	SW
14	SE	SE	SE	N	SSE	SSE	SW	N	NW	WNW	NW	NNW	SW	SSW	SSW	WNW	W	WNW	NE	E	E	SSW	SE	ESE	SE
15	SE	SE	SE	SE	SSW	SW	NW	NW	N	NE	NE	NNE	N	NE	N	N	NNE	NNE	NE	NE	E	SE	SE	SE	NE
16	SSE	SE	SSE	SSW	SSE	SSE	WNW	NNW	NNW	NW	NW	NNW	NW	NW	N	WNW	WNW	WNW	WNW	WSW	SSW	NNW	ENE	E	WNW
17	ESE	E	S	SSE	SE	SE	NW	NW	W	N	E	NW	WSW	NW	NNW	NNW	NNW	NW	NW	NW	WNW	E	ENE	E	NW
18	E	E	E	ESE	ESE	E	E	ENE	ENE	ENE	NE	NE	ENE	E	NE	ENE	ENE	ENE	ENE	ENE	ENE	E	ESE	SSE	ENE
19	E	ESE	SSE	SSE	SE	ESE	WNW	NW	W	NNE	ENE	N	N	NW	W	WSW	WSW	SW	S	S	S	S	ESE	SE	[VA]
20	SSE	SSE	SE	SE	SE	SSE	NW	NNE	N	NW	NW	NW	NNW	W	SSE	SSW	N	NW	WNW	WNW	W	SSW	SSE	SSE	SSE
21	SSE	S	SSE	S	SW	W	SSE	NNE	NE	NE	NNW	NW	SSW	S	SSW	NW	N	WSW	S	SSE	SSE	SSE	SE	S	S
22	SE	SE	SE	SE	NE	SW	E	NE	NNW	NW	WNW	NW	WNW	NW	W	WSW	NNW	NNW	WSW	SSE	ESE	S	SSE	SSE	SE
23	SSE	S	SSE	SSE	SSE	E	NW	NW	NW	N	NW	ESE	SE	SSE	SSW	W	NW	NNW	E	SE	SSE	SE	SE	SSE	SSE
24	SSE	SSE	SSW	S	SSW	ESE	N	NW	NW	WNW	WNW	WNW	NW	WNW	W	W	WNW	N	N	E	SE	SSE	SSE	SSE	WNW
25	W	SE	ESE	SSE	SSE	SSE	SE	NNE	NNE	NNW	E	ENE	N	N	ESE	ENE	NE	E	ESE	SE	ESE	SE	ESE	SSE	SE
26	SE	SSE	SSE	SSE	SSW	S	WNW	NNE	NNW	NW	N	WNW	WNW	WNW	NW	WSW	WNW	NNE	NNE	E	SE	SE	SSE	SE	SE
27	SSE	SSW	SSE	SE	S	SW	WNW	NW	NW	NE	N	NW	NW	NW	NW	NNW	NNW	NNW	NNW	SW	SW	S	SSE	SSE	NW
28	S	W	S	ESE	SE	SE	SE	NNE	NNE	N	SW	SSW	SSW	SSW	S	SSW	SW	SW	SSW	SW	S	SSE	S	ESE	SSW
29	SSE	SW	SSE	S	SSE	SSE	SSW	SSW	S	SSW	SW	SSW	SSW	SSW	S	SSW	SW	SW	SW	SSW	SSE	SSE	SSE	SSE	SSW
30	WSW	SSE	SSE	SSE	S	SSW	S	SSE	SSE	SSE	SE	SSE	S	S	WSW	SSW	NE	NE	NE	E	SE	SSE	SSE	SSE	SSE
PV	SSE	SSE	SSE	SSE	SE	SSE	WNW	[VA]	NW	NW	NW	NW	NW	WNW	NW	WSW	WNW	NW	WNW	SW	ESE	SSE	SE	SE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JUL, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	155	156	153	153	150	147	172	163	195	201	204	211	210	219	231	252	247	234	225	237	220	297	158	144	10
2	154	205	157	251	197	204	354	20	326	317	312	317	292	301	258	264	268	285	255	261	205	190	123	127	15
3	163	104	173	142	143	165	321	24	308	296	311	331	283	236	209	201	213	215	226	207	208	196	184	202	10
4	203	122	256	55	174	151	60	45	180	203	199	194	205	228	219	228	246	220	239	296	318	289	205	252	11
5	135	138	156	121	167	155	256	299	299	303	310	319	284	315	313	299	307	295	189	115	91	140	151	163	14
6	157	156	147	167	155	244	291	4	317	303	298	329	309	306	313	346	321	47	41	89	138	130	138	161	15
7	164	166	148	153	146	207	293	304	303	311	328	320	327	334	154	108	182	168	184	185	172	151	175	293	8
8	284	269	232	196	166	156	154	146	115	13	267	313	289	281	128	152	170	253	229	83	153	153	253	156	8
9	166	140	179	198	143	144	161	328	20	331	231	297	313	300	300	259	274	305	301	334	19	171	167	142	14
10	128	149	96	154	164	124	286	290	303	295	301	286	294	321	149	300	274	351	16	54	83	127	143	142	14
11	172	183	150	155	174	147	129	212	197	52	41	38	24	251	221	57	9	249	138	108	134	142	152	153	8
12	149	144	162	215	180	144	227	324	299	348	315	298	301	287	299	319	330	310	315	162	141	147	135	150	[VA]
13	155	167	122	260	102	118	130	192	351	305	336	331	20	180	152	354	46	44	59	111	134	75	87	104	6
14	141	130	176	151	116	132	149	37	14	358	308	310	310	318	303	21	99	290	312	311	177	152	148	135	7
15	130	171	113	145	132	188	287	60	329	314	304	310	255	258	234	251	245	242	226	212	190	190	274	221	12
16	241	160	169	159	145	124	17	349	323	292	287	249	249	255	269	268	288	256	274	284	295	146	134	176	14
17	165	201	312	236	199	197	208	232	231	251	248	266	262	259	280	277	281	280	315	321	155	169	149	246	13
18	139	239	157	142	138	125	355	306	307	317	323	308	321	307	344	283	304	303	298	299	203	163	155	152	15
19	134	170	236	151	152	145	296	321	308	281	314	340	275	336	273	287	319	321	26	36	201	192	138	134	15
20	139	130	143	159	171	150	262	310	297	24	67	59	313	316	54	34	23	345	47	67	70	140	108	132	7
21	146	160	191	151	155	182	215	60	326	317	325	306	322	297	265	296	276	280	214	191	248	196	152	148	8
22	232	126	149	149	150	143	283	1	330	314	4	303	28	323	297	294	305	303	288	127	139	123	155	238	[VA]
23	207	184	207	221	138	137	150	76	27	219	221	228	251	260	232	305	284	300	285	326	280	202	291	148	11
24	155	169	157	199	288	149	123	158	119	325	310	323	309	290	338	293	174	207	187	167	152	201	182	203	9
25	163	184	143	173	167	126	329	300	309	315	71	319	349	320	276	187	206	199	324	68	95	101	73	38	15
26	88	114	96	234	196	137	299	301	333	321	298	319	291	243	216	206	282	246	42	66	116	201	36	158	14
27	143	299	282	220	74	39	15	286	223	254	344	320	294	228	218	222	351	293	289	145	212	151	168	139	[VA]
28	127	198	163	142	139	152	154	265	302	310	315	331	210	185	253	72	48	301	67	147	128	155	160	171	8
29	145	142	146	152	167	147	80	60	30	43	68	320	15	353	303	335	317	352	62	74	72	94	110	107	[VA]
30	114	135	148	154	158	311	303	46	56	336	314	55	329	319	322	294	272	6	152	97	150	135	148	160	8
31	185	166	170	151	157	315	342	336	326	280	308	292	356	351	307	287	312	132	141	154	152	153	206	169	8
PV	8	8	8	8	8	8	14	15	15	15	15	15	14	14	13	14	13	14	14	4	8	8	8	8	8

GHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JUL, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	SW	SW	WSW	SW	WNW	SSE	SE	SSW
2	SSE	SSW	SSE	WSW	SSW	SSW	N	NNE	NW	NW	NW	NW	WNW	WNW	WSW	W	W	WNW	WSW	W	SSW	S	ESE	SE	NW
3	SSE	ESE	S	SE	SE	SSE	NW	NNE	NW	WNW	NW	NNW	WNW	SW	SSW	SSW	SSW	SW	SW	SSW	SSW	SSW	S	SSW	SSW
4	SSW	ESE	WSW	NE	S	SSE	ENE	NE	S	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	SW	WSW	WNW	NW	WNW	SSW	WSW	SW
5	SE	SE	SSE	ESE	SSE	SSE	WSW	WNW	WNW	WNW	NW	NW	WNW	NW	NW	WNW	NW	WNW	S	ESE	E	SE	SSE	SSE	WNW
6	SSE	SSE	SSE	SSE	SSE	WSW	WNW	N	NW	WNW	WNW	NNW	NW	NW	NW	NNW	NW	NE	NE	E	SE	SE	SE	SSE	NW
7	SSE	SSE	SSE	SSE	SE	SSW	WNW	NW	WNW	NW	NNW	NW	NNW	NNW	SSE	ESE	S	SSE	S	S	S	SSE	S	WNW	SSE
8	WNW	W	SW	SSW	SSE	SSE	SSE	SE	ESE	NNE	W	NW	WNW	W	SE	SSE	S	WSW	SW	E	SSE	SSE	WSW	SSE	SSE
9	SSE	SE	S	SSW	SE	SE	SSE	NNW	NNE	NNW	SW	WNW	NW	WNW	WNW	W	W	NW	WNW	NNW	NNE	S	SSE	SE	WNW
10	SE	SSE	E	SSE	SSE	SE	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	SSE	WNW	W	N	NNE	NE	E	SE	SE	SE	WNW
11	S	S	SSE	SSE	S	SSE	SE	SSW	SSW	NE	NE	NE	NNE	WSW	SW	ENE	N	WSW	SE	ESE	SE	SE	SSE	SSE	SSE
12	SSE	SE	SSE	SW	S	SE	SW	NW	WNW	NNW	NW	WNW	WNW	WNW	WNW	NW	NNW	NW	NW	SSE	SE	SSE	SE	SSE	[VA]
13	SSE	SSE	ESE	W	ESE	ESE	SE	SSW	N	NW	NNW	NNW	NNE	S	SSE	N	NE	NE	ENE	ESE	SE	ENE	E	ESE	ESE
14	SE	SE	S	SSE	ESE	SE	SSE	NE	NNE	N	NW	NW	NW	NW	WNW	NNE	E	WNW	NW	NW	S	SSE	SSE	SE	SE
15	SE	S	ESE	SE	SE	S	WNW	ENE	NNW	NW	NW	NW	WSW	WSW	SW	WSW	WSW	WSW	SW	SSW	S	S	W	SW	WSW
16	WSW	SSE	S	SSE	SE	SE	NNE	N	NW	WNW	WNW	WSW	WSW	WSW	W	W	WNW	WSW	W	WNW	WNW	SE	SE	S	WNW
17	SSE	SSW	NW	SW	SSW	SSW	SSW	SW	SW	WSW	WSW	W	W	W	W	W	W	W	NW	NW	SSE	S	SSE	WSW	W
18	SE	WSW	SSE	SE	SE	SE	N	NW	NW	NW	NW	NW	NW	NW	NNW	WNW	NW	WNW	WNW	WNW	SSW	SSE	SSE	SSE	NW
19	SE	S	SW	SSE	SSE	SE	WNW	NW	NW	W	NW	NNW	W	NNW	W	WNW	NW	NW	NNE	NE	SSW	SSW	SE	SE	NW
20	SE	SE	SE	SSE	S	SSE	W	NW	WNW	NNE	ENE	ENE	NW	NW	NE	NE	NNE	NNW	NE	ENE	ENE	SE	ESE	SE	SE
21	SE	SSE	S	SSE	SSE	S	SW	ENE	NW	NW	NW	NW	NW	WNW	W	WNW	W	W	SW	S	WSW	SSW	SSE	SSE	SSE
22	SW	SE	SSE	SSE	SSE	SE	WNW	N	NNW	NW	N	WNW	NNE	NW	WNW	WNW	NW	WNW	WNW	SE	SE	ESE	SSE	WSW	[VA]
23	SSW	S	SSW	SW	SE	SE	SSE	ENE	NNE	SW	SW	SW	WSW	W	SW	NW	WNW	WNW	WNW	NW	W	SSW	WNW	SSE	SW
24	SSE	S	SSE	SSW	WNW	SSE	ESE	SSE	ESE	NW	NW	NW	NW	WNW	NNW	WNW	S	SSW	S	SSE	SSE	SSW	S	SSW	S
25	SSE	S	SE	S	SSE	SE	NNW	WNW	NW	NW	ENE	NW	N	NW	W	S	SSW	SSW	NW	ENE	E	E	ENE	NE	NW
26	E	ESE	E	SW	SSW	SE	WNW	WNW	NNW	NW	WNW	NW	WNW	WSW	SW	SSW	WNW	WSW	NE	ENE	ESE	SSW	NE	SSE	WNW
27	SE	WNW	WNW	SW	ENE	NE	NNE	WNW	SW	WSW	NNW	NW	WNW	SW	SW	SW	N	WNW	WNW	SE	SSW	SSE	SSE	SE	[VA]
28	SE	SSW	SSE	SE	SE	SSE	SSE	W	WNW	NW	NW	NNW	SSW	S	WSW	ENE	NE	WNW	ENE	SSE	SE	SSE	SSE	S	SSE
29	SE	SE	SE	SSE	SSE	SSE	E	ENE	NNE	NE	ENE	NW	NNE	N	WNW	NNW	NW	N	ENE	ENE	ENE	E	ESE	ESE	[VA]
30	ESE	SE	SSE	SSE	SSE	NW	WNW	NE	NE	NNW	NW	NE	NNW	NW	NW	WNW	W	N	SSE	E	SSE	SE	SSE	SSE	SSE
31	S	SSE	S	SSE	SSE	NW	NNW	NNW	NW	W	NW	WNW	N	N	NW	WNW	NW	SE	SE	SSE	SSE	SSE	SSW	S	SSE
PV	SSE	SSE	SSE	SSE	SSE	SSE	WNW	NW	NW	NW	NW	NW	WNW	WNW	W	WNW	W	WNW	WNW	ENE	SSE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	130	247	148	154	242	295	348	44	336	315	304	214	223	172	214	219	228	230	203	205	234	266	218	210	11
2	246	264	170	143	168	165	202	243	343	318	296	253	207	215	249	102	122	125	149	142	158	177	194	200	8
3	191	168	164	171	179	180	185	210	262	291	310	275	128	151	186	223	208	202	195	180	152	174	161	166	9
4	172	124	161	160	273	324	74	48	320	333	25	330	1	295	306	317	280	278	220	208	180	127	172	142	15
5	156	186	171	140	175	343	41	36	311	298	317	306	291	7	312	347	345	35	126	137	142	158	133	145	15
6	139	153	232	150	163	258	357	327	[RF]	[RF]	306	6	88	32	285	300	357	298	297	160	141	145	145	274	7
7	230	126	168	99	137	136	39	27	15	327	336	303	326	215	169	163	20	153	183	78	187	198	163	173	8
8	165	184	194	185	156	144	155	164	206	213	224	209	253	308	303	312	295	296	215	155	141	155	149	111	8
9	113	97	138	167	166	177	97	14	316	307	285	282	302	317	164	152	156	157	148	157	150	172	137	140	8
10	152	208	119	154	139	154	79	141	4	55	112	32	352	193	227	248	31	28	315	153	167	164	186	181	8
11	190	221	221	199	159	135	133	186	203	184	191	197	208	230	236	313	107	122	116	130	179	141	114	159	9
12	185	239	250	217	159	141	115	13	47	350	322	316	331	337	240	192	232	233	220	176	180	243	231	269	11
13	174	171	159	227	188	169	154	170	135	75	43	314	302	14	191	150	158	359	358	45	162	160	179	140	8
14	210	177	184	175	95	169	31	335	303	283	295	313	298	4	325	350	333	309	236	211	218	163	174	150	9
15	151	192	165	175	180	182	214	308	326	317	326	300	302	220	135	177	75	35	166	163	224	198	163	218	9
16	247	150	142	151	154	144	239	283	307	307	299	306	322	294	210	191	179	194	233	259	150	145	159	169	8
17	206	185	162	194	227	226	184	23	27	297	310	323	309	154	143	147	155	118	184	183	174	157	152	163	9
18	172	225	199	148	130	155	177	12	130	320	354	288	46	316	288	196	338	348	298	289	170	183	159	140	9
19	178	148	138	230	199	176	263	317	333	307	308	310	294	250	118	187	13	39	144	163	155	141	153	214	8
20	216	242	131	138	135	161	153	349	322	325	324	320	298	321	315	315	317	330	28	58	300	301	236	182	15
21	158	307	213	159	156	188	88	130	24	294	310	345	289	19	296	158	158	151	94	120	152	224	144	142	8
22	138	151	152	156	115	154	136	290	297	306	327	16	335	321	248	170	155	162	157	156	150	155	159	170	8
23	136	169	145	150	158	215	184	352	37	326	325	319	318	305	284	236	237	228	214	193	155	162	150	153	8
24	165	191	139	149	111	93	131	56	57	56	41	49	17	358	48	4	273	215	204	170	177	159	155	153	8
25	165	84	139	139	158	199	189	205	219	212	197	205	196	202	194	203	192	173	178	177	176	172	159	141	9
26	135	161	180	135	132	159	86	89	220	229	222	220	215	202	174	213	281	230	171	146	242	237	248	138	11
27	137	211	99	190	159	190	226	318	301	296	289	329	305	294	248	256	248	234	204	179	155	171	171	120	9
28	138	142	182	172	133	277	304	275	200	311	218	201	280	295	146	125	262	268	258	345	78	137	134	224	[VA]
29	343	1	84	114	115	125	139	285	304	304	295	305	221	2	96	59	130	73	78	199	201	150	155	176	7
30	166	136	178	159	121	156	197	92	322	307	292	303	303	317	281	286	265	270	246	204	183	134	139	152	14
31	263	132	150	168	146	197	145	309	28	307	312	304	314	357	269	294	289	322	359	155	163	160	116	151	8
PV	8	8	8	8	8	8	9	2	15	15	15	15	15	15	14	9	13	11	11	9	8	8	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

AUG, 1982

AEROVIRONMENT INC.

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*                    *
*     FINAL DATA     *
*  AS OF 30/MAR/83   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	WSW	SSE	SSE	WSW	WNW	NNW	NE	NNW	NW	NW	SW	SW	S	SW	SW	SW	SW	SSW	SSW	SW	W	SW	SSW	SW
2	WSW	W	S	SE	SSE	SSE	SSW	WSW	NNW	NW	WNW	WSW	SSW	SW	WSW	ESE	ESE	SE	SSE	SE	SSE	S	SSW	SSW	SSE
3	S	SSE	SSE	S	S	S	S	SSW	W	WNW	NW	W	SE	SSE	S	SW	SSW	SSW	SSW	S	SSE	S	SSE	SSE	S
4	S	SE	SSE	SSE	W	NW	ENE	NE	NW	NNW	NNE	NNW	N	WNW	NW	NW	W	W	SW	SSW	S	SE	S	SE	NW
5	SSE	S	S	SE	S	NNW	NE	NE	NW	WNW	NW	NW	WNW	N	NW	NNW	NNW	NE	SE	SE	SE	SSE	SE	SE	NW
6	SE	SSE	SW	SSE	SSE	WSW	N	NNW	[RF]	[RF]	NW	N	E	NNE	WNW	WNW	N	WNW	WNW	SSE	SE	SE	SE	W	SE
7	SW	SE	SSE	E	SE	SE	NE	NNE	NNE	NNW	NNW	WNW	NW	SW	S	SSE	NNE	SSE	S	ENE	S	SSW	SSE	S	SSE
8	SSE	S	SSW	S	SSE	SE	SSE	SSE	SSW	SSW	SW	SSW	WSW	NW	WNW	NW	WNW	WNW	SW	SSE	SE	SSE	SSE	ESE	SSE
9	ESE	E	SE	SSE	SSE	S	E	NNE	NW	NW	WNW	WNW	WNW	NW	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SE	SE	SSE
10	SSE	SSW	ESE	SSE	SE	SSE	E	SE	N	NE	ESE	NNE	N	SSW	SW	WSW	NNE	NNE	NW	SSE	SSE	SSE	S	S	SSE
11	S	SW	SW	SSW	SSE	SE	SE	S	SSW	S	S	SSW	SSW	SW	SW	NW	ESE	ESE	ESE	SE	S	SE	ESE	SSE	S
12	S	WSW	WSW	SW	SSE	SE	ESE	NNE	NE	N	NW	NW	NNW	NNW	WSW	SSW	SW	SW	SW	S	S	WSW	SW	W	SW
13	S	S	SSE	SW	S	S	SSE	S	SE	ENE	NE	NW	WNW	NNE	S	SSE	SSE	N	N	NE	SSE	SSE	S	SE	SSE
14	SSW	S	S	S	E	S	NNE	NNW	WNW	WNW	WNW	NW	WNW	N	NW	N	NNW	NW	SW	SSW	SW	SSE	S	SSE	S
15	SSE	SSW	SSE	S	S	S	SW	NW	NW	NW	NW	WNW	WNW	SW	SE	S	ENE	NE	SSE	SSE	SW	SSW	SSE	SW	S
16	WSW	SSE	SE	SSE	SSE	SE	WSW	WNW	NW	NW	WNW	NW	NW	WNW	SSW	S	S	SSW	SW	W	SSE	SE	SSE	S	SSE
17	SSW	S	SSE	SSW	SW	SW	S	NNE	NNE	WNW	NW	NW	NW	SSE	SE	SSE	SSE	ESE	S	S	S	SSE	SSE	SSE	S
18	S	SW	SSW	SSE	SE	SSE	S	NNE	SE	NW	N	WNW	NE	NW	WNW	SSW	NNW	NNW	WNW	WNW	S	S	SSE	SE	S
19	S	SSE	SE	SW	SSW	S	W	NW	NNW	NW	NW	NW	WNW	WSW	ESE	S	NNE	NE	SE	SSE	SSE	SE	SSE	SW	SSE
20	SW	WSW	SE	SE	SE	SSE	SSE	N	NW	NW	NW	NW	WNW	NW	NW	NW	NW	NNW	NNE	ENE	WNW	WNW	SW	S	NW
21	SSE	NW	SSW	SSE	SSE	S	E	SE	NNE	WNW	NW	NNW	WNW	NNE	WNW	SSE	SSE	SSE	E	ESE	SSE	SW	SE	SE	SSE
22	SE	SSE	SSE	SSE	ESE	SSE	SE	WNW	WNW	NW	NNW	NNE	NNW	NW	WSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE
23	SE	S	SE	SSE	SSE	SW	S	N	NE	NW	NW	NW	NW	NW	WNW	SW	WSW	SW	SW	SSW	SSE	SSE	SSE	SSE	SSE
24	SSE	S	SE	SSE	ESE	E	SE	NE	ENE	NE	NE	NE	NNE	N	NE	N	W	SW	SSW	S	S	SSE	SSE	SSE	SSE
25	SSE	E	SE	SE	SSE	SSW	S	SSW	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	SSE	SE	S
26	SE	SSE	S	SE	SE	SSE	E	E	SW	SW	SW	SW	SW	SSW	S	SSW	W	SW	S	SE	WSW	WSW	WSW	SE	SW
27	SE	SSW	E	S	SSE	S	SW	NW	WNW	WNW	WNW	NNW	NW	WNW	WSW	WSW	WSW	SW	SSW	S	SSE	S	S	ESE	S
28	SE	SE	S	S	SE	W	NW	W	SSW	NW	SW	SSW	W	WNW	SE	SE	W	W	WSW	NNW	ENE	SE	SE	SW	[VA]
29	NNW	N	E	ESE	ESE	SE	SE	WNW	NW	NW	WNW	NW	SW	N	E	ENE	SE	ENE	ENE	SSW	SSW	SSE	SSE	S	SE
30	SSE	SE	S	SSE	ESE	SSE	SSW	E	NW	NW	WNW	WNW	WNW	NW	W	WNW	W	W	WSW	SSW	S	SE	SE	SSE	WNW
31	W	SE	SSE	SSE	SE	SSW	SE	NW	NNE	NW	NW	NW	NW	N	W	WNW	WNW	NW	N	SSE	SSE	SSE	ESE	SSE	SSE
PV	SSE	SSE	SSE	SSE	SSE	SSE	S	NNE	NW	NW	NW	NW	NW	NW	WNW	S	W	SW	SW	S	SSE	SSE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

SEP, 1982

AEROVIRONMENT INC.

FINAL DATA
AS OF 30/MAR/83

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	130	137	131	109	151	196	173	244	303	314	293	306	299	308	285	322	318	25	85	112	134	175	148	143	[VA]
2	187	122	166	161	211	164	85	49	308	320	302	297	301	301	300	290	302	331	137	135	141	161	209	165	[VA]
3	163	180	204	139	211	293	194	313	24	331	297	290	292	306	301	295	311	297	248	180	147	155	146	137	14
4	204	170	146	146	148	132	152	112	41	351	308	301	299	298	295	275	262	279	205	202	143	122	158	157	7
5	130	83	132	169	154	225	134	143	215	305	88	31	208	299	276	153	153	143	143	126	144	152	145	139	8
6	174	133	122	142	158	171	234	294	310	306	304	318	269	316	314	249	251	290	308	165	218	260	230	152	15
7	142	174	154	154	131	182	153	104	142	137	307	315	298	302	326	309	331	321	30	116	152	155	146	130	7
8	154	184	168	242	230	104	289	36	9	310	299	317	310	303	271	270	285	275	183	187	132	158	161	210	14
9	350	129	115	149	134	149	169	51	28	321	301	301	318	251	205	231	207	212	196	158	158	148	165	177	8
10	232	120	157	176	171	164	197	181	271	302	297	339	40	71	180	216	308	342	7	146	134	82	75	60	9
11	358	343	303	302	307	304	280	277	306	304	22	27	58	84	94	88	116	105	91	149	163	167	160	141	5
12	146	156	157	143	141	146	137	136	93	335	298	309	300	293	293	295	296	173	312	231	136	139	143	137	7
13	138	142	47	12	156	132	109	95	122	289	228	250	299	293	207	158	183	120	63	183	141	173	175	189	7
14	231	84	142	166	174	160	139	76	345	28	355	51	230	204	193	168	151	144	87	66	61	13	233	185	8
15	176	10	177	148	143	143	144	159	38	3	2	304	299	309	309	309	308	253	161	136	133	172	141	217	7
16	158	155	159	136	145	159	143	41	306	260	303	314	315	302	303	273	249	259	259	132	138	145	224	236	7
17	161	206	239	129	175	83	127	15	146	63	26	52	278	248	293	311	252	212	137	148	184	156	147	139	8
18	162	145	171	252	276	157	163	65	342	298	313	325	292	298	322	288	185	214	155	160	143	151	111	114	8
19	150	148	155	169	142	144	164	119	149	300	211	139	127	37	292	42	110	111	125	121	148	306	113	130	7
20	235	146	152	152	147	152	162	357	203	300	355	34	311	323	31	294	299	303	230	148	144	157	149	132	8
21	166	177	154	197	125	149	171	99	46	40	12	323	312	325	319	308	280	201	181	194	186	168	152	150	8
22	136	156	151	146	197	166	213	304	54	30	305	323	312	292	293	253	283	261	227	211	225	114	145	158	[VA]
23	176	181	134	190	145	174	155	290	303	318	315	329	296	310	288	302	251	275	156	164	147	167	125	149	8
24	193	210	129	166	244	153	233	292	296	310	296	51	287	299	290	342	11	163	161	131	156	171	132	161	8
25	163	162	155	201	256	214	244	93	136	155	155	81	209	325	300	9	299	257	138	135	139	183	137	199	8
26	173	150	176	185	174	209	151	68	68	171	209	214	208	207	209	215	217	215	186	154	168	284	303	294	9
27	284	314	69	62	93	43	232	252	302	139	126	156	161	216	204	246	275	313	162	170	183	161	168	154	8
28	154	165	232	254	191	212	223	201	214	223	220	228	223	229	268	223	246	253	145	207	199	169	334	187	11
29	130	161	284	317	158	202	284	344	72	66	28	337	307	289	289	293	293	294	297	293	346	99	89	10	14
30	240	287	270	157	174	152	182	135	72	292	70	58	295	310	309	331	320	255	247	245	316	309	282	239	15
PV	8	8	8	8	8	8	8	4	[VA]	15	14	15	14	14	14	14	14	13	8	8	8	8	7	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SE	SE	SE	ESE	SSE	SSW	S	WSW	WNW	NW	WNW	NW	WNW	NW	WNW	NW	NW	NNE	E	ESE	SE	S	SSE	SE	[VA]
2	S	ESE	SSE	SSE	SSW	SSE	E	NE	NW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NNW	SE	SE	SE	SSE	SSW	SSE	[VA]
3	SSE	S	SSW	SE	SSW	WNW	SSW	NW	NNE	NNW	WNW	WNW	WNW	NW	WNW	WNW	NW	WNW	WSW	S	SSE	SSE	SE	SE	WNW
4	SSW	S	SE	SE	SSE	SE	SSE	ESE	NE	N	NW	WNW	WNW	WNW	WNW	W	W	W	SSW	SSW	SE	ESE	SSE	SSE	SE
5	SE	E	SE	S	SSE	SW	SE	SE	SW	NW	E	NNE	SSW	WNW	W	SSE	SSE	SE	SE	SE	SE	SSE	SE	SE	SSE
6	S	SE	ESE	SE	SSE	S	SW	WNW	NW	NW	NW	NW	W	NW	NW	WSW	WSW	WNW	NW	SSE	SW	W	SW	SSE	NW
7	SE	S	SSE	SSE	SE	S	SSE	ESE	SE	SE	NW	NW	WNW	WNW	NW	NW	NNW	NW	NNE	ESE	SSE	SSE	SE	SE	SE
8	SSE	S	SSE	WSW	SW	ESE	WNW	NE	N	NW	WNW	NW	NW	WNW	W	W	WNW	W	S	S	SE	SSE	SSE	SSW	WNW
9	N	SE	ESE	SSE	SE	SSE	S	NE	NNE	NW	WNW	WNW	NW	WSW	SSW	SW	SSW	SSW	SSW	SSE	SSE	SSE	SSE	S	SSE
10	SW	ESE	SSE	S	S	SSE	SSW	S	W	WNW	WNW	NNW	NE	ENE	S	SW	NW	NNW	N	SE	SE	E	ENE	ENE	S
11	N	NNW	WNW	WNW	NW	NW	W	W	NW	NW	NNE	NNE	ENE	E	E	E	ESE	ESE	E	SSE	SSE	SSE	SSE	SE	E
12	SE	SSE	SSE	SE	SE	SE	SE	SE	E	NNW	WNW	NW	WNW	WNW	WNW	WNW	WNW	S	NW	SW	SE	SE	SE	SE	SE
13	SE	SE	NE	NNE	SSE	SE	ESE	E	ESE	WNW	SW	WSW	WNW	WNW	SSW	SSE	S	ESE	ENE	S	SE	S	S	S	SE
14	SW	E	SE	SSE	S	SSE	SE	ENE	NNW	NNE	N	NE	SW	SSW	SSW	SSE	SSE	SE	E	ENE	ENE	NNE	SW	S	SSE
15	S	N	S	SSE	SE	SE	SE	SSE	NE	N	N	NW	WNW	NW	NW	NW	NW	WSW	SSE	SE	SE	S	SE	SW	SE
16	SSE	SSE	SSE	SE	SE	SSE	SE	NE	NW	W	WNW	NW	NW	WNW	WNW	W	WSW	W	W	SE	SE	SE	SW	SW	SE
17	SSE	SSW	WSW	SE	S	E	SE	NNE	SE	ENE	NNE	NE	W	WSW	WNW	NW	WSW	SSW	SE	SSE	S	SSE	SSE	SE	SSE
18	SSE	SE	S	WSW	W	SSE	SSE	ENE	NNW	WNW	NW	NW	WNW	WNW	NW	WNW	S	SW	SSE	SSE	SE	SSE	ESE	ESE	SSE
19	SSE	SSE	SSE	S	SE	SE	SSE	ESE	SSE	WNW	SSW	SE	SE	NE	WNW	NE	ESE	ESE	SE	ESE	SSE	NW	ESE	SE	SE
20	SW	SE	SSE	SSE	SSE	SSE	SSE	N	SSW	WNW	N	NE	NW	NW	NNE	WNW	WNW	WNW	SW	SSE	SE	SSE	SSE	SE	SSE
21	SSE	S	SSE	SSW	SE	SSE	S	E	NE	NE	NNE	NW	NW	NW	NW	NW	W	SSW	S	SSW	S	SSE	SSE	SSE	SSE
22	SE	SSE	SSE	SE	SSW	SSE	SSW	NW	NE	NNE	NW	NW	NW	WNW	WNW	WSW	WNW	W	SW	SSW	SW	ESE	SE	SSE	[VA]
23	S	S	SE	S	SE	S	SSE	WNW	WNW	NW	NW	NNW	WNW	NW	WNW	WNW	WSW	W	SSE	SSE	SSE	SSE	SE	SSE	SSE
24	SSW	SSW	SE	SSE	WSW	SSE	SW	WNW	WNW	NW	WNW	NE	WNW	WNW	WNW	NNW	N	SSE	SSE	SE	SSE	S	SE	SSE	SSE
25	SSE	SSE	SSE	SSW	WSW	SW	WSW	E	SE	SSE	SSE	E	SSW	NW	WNW	N	WNW	WSW	SE	SE	SE	S	SE	SSW	SSE
26	S	SSE	S	S	S	SSW	SSE	ENE	ENE	S	SSW	SW	SSW	SSW	SSW	SW	SW	SW	S	SSE	SSE	WNW	WNW	WNW	S
27	WNW	NW	ENE	ENE	E	NE	SW	WSW	WNW	SE	SE	SSE	SSE	SW	SSW	WSW	W	NW	SSE	S	S	SSE	SSE	SSE	SSE
28	SSE	SSE	SW	WSW	S	SSW	SW	SSW	SW	SW	SW	SW	SW	SW	WNW	SW	WSW	WSW	SE	SSW	SSW	S	NNW	S	SW
29	SE	SSE	WNW	NW	SSE	SSW	WNW	NNW	ENE	ENE	NNE	NNW	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NNW	E	E	N	WNW
30	WSW	WNW	W	SSE	S	SSE	S	SE	ENE	WNW	ENE	ENE	WNW	NW	NW	NNW	NW	WSW	WSW	WSW	NW	NW	WNW	WSW	NW
PV	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ENE	[VA]	NW	WNW	NW	WNW	WNW	WNW	WNW	WNW	W	SSE	SSE	SSE	SSE	SE	SSE	SSE

QHOUT -- DU004 <811027.1411>

WIND DIRECTION [DC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	221	154	152	143	168	182	225	98	292	299	307	293	305	300	305	297	305	297	282	254	246	226	192	193	14
2	196	211	155	118	139	150	152	262	311	321	303	295	300	310	291	307	295	350	140	142	145	200	154	146	[VA]
3	166	183	152	137	199	154	202	175	36	30	33	283	308	315	294	305	296	146	135	144	163	174	132	169	8
4	211	215	174	161	206	219	173	281	303	287	302	295	288	299	334	306	290	153	147	139	154	246	176	38	14
5	154	232	236	285	242	159	160	112	67	21	107	52	54	87	43	65	109	151	150	152	163	146	124	146	8
6	158	144	143	149	157	143	222	300	68	38	341	305	32	8	51	323	305	278	169	152	135	151	152	149	8
7	165	164	117	166	151	111	149	135	321	312	291	292	288	252	319	56	52	26	253	310	312	319	307	342	15
8	83	87	293	114	176	188	168	200	292	293	242	309	322	296	69	71	52	39	352	300	356	331	268	175	14
9	157	165	128	145	94	133	118	265	289	290	297	300	281	307	358	354	78	86	97	93	85	106	108	121	6
10	149	134	202	161	150	113	116	160	286	311	62	73	47	74	92	74	64	79	107	130	143	159	140	172	8
11	152	184	158	184	257	199	190	256	294	24	321	317	305	214	64	74	72	97	135	138	144	154	140	209	7
12	184	166	165	200	254	149	271	226	319	322	356	57	90	85	69	84	275	236	132	134	141	158	172	195	8
13	143	163	146	145	121	134	138	355	345	341	310	19	48	55	37	37	61	77	131	148	148	163	163	174	7
14	199	178	222	225	200	236	208	287	292	315	310	293	313	296	304	304	300	37	102	134	144	150	182	178	14
15	192	184	174	167	226	209	213	309	283	41	306	282	296	282	297	307	299	138	134	137	134	112	146	167	14
16	160	149	139	136	169	220	225	171	284	304	322	309	311	299	322	308	283	104	145	141	191	142	122	125	7
17	226	222	256	168	228	203	176	225	293	296	33	333	298	288	272	264	257	253	239	205	210	173	172	128	11
18	153	147	217	139	185	225	148	241	294	273	317	314	295	291	257	269	303	311	312	293	294	299	320	314	14
19	340	23	71	111	144	126	167	134	94	71	47	226	329	284	294	288	28	48	119	130	147	204	153	150	7
20	160	214	130	184	215	195	223	216	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	11
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	8	8	8	7	9	7	8	13	15	15	15	15	14	14	14	15	14	[VA]	7	7	8	8	8	9	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	SW	SSE	SSE	SE	SSE	S	SW	E	WNW	WNW	NW	WNW	NW	WNW	NW	WNW	NW	WNW	WNW	WSW	WSW	SW	SSW	SSW	WNW
2	SSW	SSW	SSE	ESE	SE	SSE	SSE	W	NW	NW	WNW	WNW	WNW	NW	WNW	NW	WNW	N	SE	SE	SE	SSW	SSE	SE	[VA]
3	SSE	S	SSE	SE	SSW	SSE	SSW	S	NE	NNE	NNE	WNW	NW	NW	WNW	NW	WNW	SE	SE	SE	SSE	S	SE	S	SSE
4	SSW	SW	S	SSE	SSW	SW	S	W	WNW	WNW	WNW	WNW	WNW	WNW	NNW	NW	WNW	SSE	SSE	SE	SSE	WSW	S	NE	WNW
5	SSE	SW	SW	WNW	WSW	SSE	SSE	ESE	ENE	NNE	ESE	NE	NE	E	NE	ENE	ESE	SSE	SSE	SSE	SSE	SE	SE	SE	SSE
6	SSE	SE	SE	SSE	SSE	SE	SW	WNW	ENE	NE	NNW	NW	NNE	N	NE	NW	NW	W	S	SSE	SE	SSE	SSE	SSE	SSE
7	SSE	SSE	ESE	SSE	SSE	ESE	SSE	SE	NW	NW	WNW	WNW	WNW	WSW	NW	NE	NE	NNE	WSW	NW	NW	NW	NW	NNW	NW
8	E	E	WNW	ESE	S	S	SSE	SSW	WNW	WNW	WSW	NW	NW	WNW	ENE	ENE	NE	NE	N	WNW	N	NNW	W	S	WNW
9	SSE	SSE	SE	SE	E	SE	ESE	W	WNW	WNW	WNW	WNW	W	NW	N	N	ENE	E	E	E	E	ESE	ESE	ESE	ESE
10	SSE	SE	SSW	SSE	SSE	ESE	ESE	SSE	WNW	NW	ENE	ENE	NE	ENE	E	ENE	ENE	E	ESE	SE	SE	SSE	SE	S	SSE
11	SSE	S	SSE	S	WSW	SSW	S	WSW	WNW	NNE	NW	NW	NW	SW	ENE	ENE	ENE	E	SE	SE	SE	SSE	SE	SSW	SE
12	S	SSE	SSE	SSW	WSW	SSE	W	SW	NW	NW	N	ENE	E	E	ENE	E	W	SW	SE	SE	SE	SSE	S	SSW	SSE
13	SE	SSE	SE	SE	ESE	SE	SE	N	NNW	NNW	NW	NNE	NE	NE	NE	NE	ENE	ENE	SE	SSE	SSE	SSE	SSE	S	SE
14	SSW	S	SW	SW	SSW	SW	SSW	WNW	WNW	NW	NW	WNW	NW	WNW	NW	NW	WNW	NE	ESE	SE	SE	SSE	S	S	WNW
15	SSW	S	S	SSE	SW	SSW	SSW	NW	WNW	NE	NW	WNW	WNW	WNW	WNW	NW	WNW	SE	SE	SE	SE	ESE	SE	SSE	WNW
16	SSE	SSE	SE	SE	S	SW	SW	S	WNW	NW	NW	NW	NW	WNW	NW	NW	WNW	ESE	SE	SE	S	SE	ESE	SE	SE
17	SW	SW	WSW	SSE	SW	SSW	S	SW	WNW	WNW	NNE	NNW	WNW	WNW	W	W	WSW	WSW	WSW	SSW	SSW	S	S	SE	SW
18	SSE	SSE	SW	SE	S	SW	SSE	WSW	WNW	W	NW	NW	WNW	WNW	WSW	W	WNW	NW	NW	WNW	WNW	WNW	NW	NW	WNW
19	NNW	NNE	ENE	ESE	SE	SE	SSE	SE	E	ENE	NE	SW	NNW	WNW	WNW	WNW	NNE	NE	ESE	SE	SSE	SSW	SSE	SSE	SE
20	SSE	SW	SE	S	SW	SSW	SW	SW	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	SW
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
26	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	SSE	SSE	SSE	SE	S	SE	SSE	W	NW	NW	NW	NW	WNW	WNW	WNW	NW	WNW	[VA]	SE	SE	SSE	SSE	SSE	S	SSE

QNOUT -- QU004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

NOV, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	263	288	287	241	292	297	354	214	134	128	76	63	124	14
2	112	110	261	53	322	147	150	133	5	324	72	320	33	55	30	76	89	107	130	133	140	141	175	172	7
3	189	158	140	168	237	187	237	177	329	302	308	294	281	290	338	68	35	73	169	146	141	117	161	182	9
4	173	264	200	221	154	230	160	122	285	276	1	5	292	290	288	283	281	201	155	141	205	166	166	178	[VA]
5	179	191	142	153	170	154	180	197	277	298	300	284	296	298	289	283	268	200	151	141	139	159	176	208	9
6	171	139	220	89	139	163	146	97	301	293	299	299	287	279	291	313	125	177	169	156	138	140	131	167	7
7	133	205	139	135	223	173	154	162	282	286	301	304	285	289	294	287	166	142	159	190	188	166	174	178	8
8	190	135	208	205	192	191	188	195	199	202	270	27	308	310	295	334	50	102	170	74	120	64	82	75	10
9	104	82	96	96	122	206	123	107	164	27	74	174	191	193	206	208	295	100	126	148	147	186	193	159	5
10	251	15	94	163	152	329	147	206	112	322	271	208	219	206	236	215	261	288	166	143	276	268	210	318	10
11	18	71	39	19	15	19	18	10	82	256	243	248	146	150	140	135	268	287	278	281	256	218	216	164	12
12	136	129	140	142	162	145	150	166	190	150	145	74	76	273	302	106	121	112	139	175	197	121	134	169	7
13	198	192	133	257	176	149	68	154	172	185	46	296	303	299	295	293	290	323	298	247	217	126	118	135	14
14	142	146	186	173	148	176	156	157	279	301	297	302	269	323	310	274	205	145	148	160	172	160	148	176	8
15	162	189	121	213	135	160	139	96	186	313	295	303	295	288	285	293	286	230	179	152	158	163	137	216	8
16	184	172	203	141	163	125	150	244	270	317	319	307	296	275	262	302	194	150	152	156	136	152	143	141	8
17	1	136	150	182	131	190	161	118	335	299	310	316	301	291	294	279	236	175	146	153	170	145	160	175	[VA]
18	155	184	163	304	129	160	205	6	121	99	95	14	337	289	289	201	188	196	201	183	183	199	197	198	9
19	188	194	195	187	184	192	210	199	205	259	263	246	226	272	270	282	268	170	227	211	203	223	234	212	10
20	191	177	143	149	193	146	142	124	217	31	312	308	308	283	302	303	74	128	147	157	168	199	192	156	8
21	163	138	142	172	150	125	143	141	184	303	302	303	310	307	307	303	291	165	166	169	148	179	139	186	8
22	155	223	113	306	71	174	150	114	250	34	36	49	275	101	313	21	128	54	52	110	139	50	55	99	3
23	111	69	60	144	124	107	124	137	132	94	27	34	25	44	41	51	51	100	137	113	141	140	145	148	7
24	154	157	172	190	196	185	277	297	343	333	323	319	299	295	292	283	199	25	295	73	300	292	246	157	14
25	152	169	137	144	158	140	63	16	274	278	322	290	267	279	3	188	233	152	163	177	179	142	138	182	[VA]
26	174	154	220	148	107	140	208	112	111	163	315	316	277	283	266	261	298	166	144	157	136	177	183	246	8
27	163	223	182	156	190	201	179	132	292	253	40	305	359	308	315	289	246	165	153	171	161	117	131	137	8
28	149	137	93	100	240	175	222	219	304	252	196	336	290	135	291	278	234	243	258	113	100	163	167	170	12
29	103	76	145	133	169	174	140	284	286	294	293	305	301	314	5	142	273	140	181	119	326	134	151	152	7
30	218	288	52	204	281	304	115	7	210	163	167	159	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[VA]
PV	8	9	7	8	8	9	8	7	14	14	14	15	14	14	14	14	13	8	8	8	8	7	8	8	8

UHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

NOV, 1982

AEROVIRONMENT INC.

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*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	W	WNW	WNW	WSW	WNW	WNW	N	SW	SE	SE	ENE	ENE	SE	WNW
2	ESE	ESE	W	NE	NW	SSE	SSE	SE	N	NW	ENE	NW	NNE	NE	NNE	ENE	E	ESE	SE	SE	SE	SE	S	SE	SE
3	S	SSE	SE	SSE	WSW	S	WSW	S	NNW	WNW	NW	WNW	W	WNW	NNW	ENE	NE	ENE	S	SE	SE	ESE	SSE	S	S
4	S	W	SSW	SW	SSE	SW	SSE	ESE	WNW	W	N	N	WNW	WNW	WNW	WNW	W	SSW	SSE	SE	SSW	SSE	SSE	S	[VA]
5	S	S	SE	SSE	S	SSE	S	SSW	W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	SSW	SSE	SE	SE	SSE	S	SSW	S
6	S	SE	SW	E	SE	SSE	SE	E	WNW	WNW	WNW	WNW	WNW	W	WNW	NW	SE	S	S	SSE	SE	SE	SE	SSE	SE
7	SE	SSW	SE	SE	SW	S	SSE	SSE	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	SSE	SE	SSE	S	S	SSE	S	S	SSE
8	S	SE	SSW	SSW	SSW	S	S	SSW	SSW	SSW	W	NNE	NW	NW	WNW	NNW	NE	ESE	S	ENE	ESE	ENE	E	ENE	SSW
9	ESE	E	E	E	ESE	SSW	ESE	ESE	SSE	NNE	ENE	S	S	SSW	SSW	SSW	WNW	E	SE	SSE	SSE	S	SSW	SSE	E
10	WSW	NNE	E	SSE	SSE	NNW	SSE	SSW	ESE	NW	W	SSW	SW	SSW	SW	SW	W	WNW	SSE	SE	W	W	SSW	NW	SSW
11	NNE	ENE	NE	NNE	NNE	NNE	NNE	N	E	WSW	WSW	WSW	SE	SSE	SE	SE	W	WNW	W	W	WSW	SW	SW	SSE	WSW
12	SE	SE	SE	SE	SSE	SE	SSE	SSE	S	SSE	SE	ENE	ENE	W	WNW	ESE	ESE	ESE	SE	S	SSW	ESE	SE	S	SE
13	SSW	SSW	SE	WSW	S	SSE	ENE	SSE	S	S	NE	WNW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WSW	SW	SE	ESE	SE	WNW
14	SE	SE	S	S	SSE	S	SSE	SSE	W	WNW	WNW	WNW	W	NW	NW	W	SSW	SE	SSE	SSE	S	SSE	SSE	S	SSE
15	SSE	S	ESE	SSW	SE	SSE	SE	E	S	NW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	SW	S	SSE	SSE	SSE	SE	SW	SSE
16	S	S	SSW	SE	SSE	SE	SSE	WSW	W	NW	NW	NW	WNW	W	W	WNW	SSW	SSE	SSE	SSE	SE	SSE	SE	SE	SSE
17	N	SE	SSE	S	SE	S	SSE	ESE	NNW	WNW	NW	NW	WNW	WNW	WNW	W	SW	S	SE	SSE	S	SE	SSE	S	[VA]
18	SSE	S	SSE	NW	SE	SSE	SSW	N	ESE	E	E	NNE	NNW	WNW	WNW	SSW	S	SSW	SSW	S	S	SSW	SSW	SSW	S
19	S	SSW	SSW	S	S	SSW	SSW	SSW	SSW	W	W	WSW	SW	W	W	WNW	W	S	SW	SSW	SSW	SW	SW	SSW	SSW
20	S	S	SE	SSE	SSW	SE	SE	SE	SW	NNE	NW	NW	NW	WNW	WNW	WNW	ENE	SE	SSE	SSE	SSE	SSW	SSW	SSE	SSE
21	SSE	SE	SE	S	SSE	SE	SE	SE	S	WNW	WNW	WNW	NW	NW	NW	WNW	WNW	SSE	SSE	S	SSE	S	SE	S	SSE
22	SSE	SW	ESE	NW	ENE	S	SSE	ESE	WSW	NE	NE	NE	W	E	NW	NNE	SE	NE	NE	ESE	SE	NE	NE	E	NE
23	ESE	ENE	ENE	SE	SE	ESE	SE	SE	SE	E	NNE	NE	NNE	NE	NE	NE	NE	E	SE	ESE	SE	SE	SE	SSE	SE
24	SSE	SSE	S	S	SSW	S	W	WNW	NNW	NNW	NW	NW	WNW	WNW	WNW	WNW	SSW	NNE	WNW	ENE	WNW	WNW	WSW	SSE	WNW
25	SSE	S	SE	SE	SSE	SE	ENE	NNE	W	W	NW	WNW	W	W	N	S	SW	SSE	SSE	S	S	SE	SE	S	[VA]
26	S	SSE	SW	SSE	ESE	SE	SSW	ESE	ESE	SSE	NW	NW	W	WNW	W	W	WNW	SSE	SE	SSE	SE	S	S	WSW	SSE
27	SSE	SW	S	SSE	S	SSW	S	SE	WNW	WSW	NE	NW	N	NW	NW	WNW	WSW	SSE	SSE	S	SSE	ESE	SE	SE	SSE
28	SSE	SE	E	E	WSW	S	SW	SW	NW	WSW	SSW	NNW	WNW	SE	WNW	W	SW	WSW	WSW	ESE	E	SSE	SSE	S	WSW
29	ESE	ENE	SE	SE	S	S	SE	WNW	WNW	WNW	WNW	NW	WNW	NW	N	SE	W	SE	S	ESE	NW	SE	SSE	SSE	SE
30	SW	WNW	NE	SSW	W	NW	ESE	N	SSW	SSE	SSE	SSE	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[VA]
PV	SSE	S	SE	SSE	SSE	S	SSE	SE	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	W	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE

QHOUT -- QU004 <811027.1411>

WIND DIRECTION [CC:02]

DEGREES
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

DEC, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	309	312	262	325	19	8	169	134	159	160	137	144	167	180	8
7	204	175	172	153	160	307	107	274	180	267	292	307	291	272	91	69	75	83	79	79	92	84	86	110	5
8	86	80	81	81	85	104	101	119	125	96	64	79	107	307	274	298	299	314	269	144	155	128	171	136	5
9	99	352	279	287	16	290	11	8	277	23	343	295	302	292	288	292	288	305	305	271	279	215	316	315	14
10	216	230	143	68	181	204	332	64	288	317	301	306	321	297	306	303	309	252	134	154	144	160	152	158	15
11	138	192	211	86	318	45	78	113	152	67	50	27	19	310	299	308	255	180	158	158	160	194	253	290	8
12	154	172	281	247	254	247	281	301	304	207	212	187	341	320	26	24	282	281	358	315	233	143	151	150	12
13	141	143	115	19	303	313	306	312	318	327	323	1	308	303	297	312	319	329	154	165	125	258	210	245	15
14	255	241	246	230	234	227	152	159	242	285	301	304	316	311	326	335	156	130	151	151	169	157	202	155	8
15	150	12	159	240	14	35	261	246	102	356	266	33	73	324	292	299	231	154	157	146	119	117	140	203	8
16	124	166	164	175	110	139	101	159	102	245	276	296	348	10	320	296	164	199	128	137	133	130	166	161	7
17	158	174	197	171	218	138	106	150	132	279	300	290	346	324	196	276	94	147	139	149	131	120	206	218	7
18	160	135	113	114	91	67	120	117	151	88	190	236	297	293	333	158	137	141	234	220	174	200	163	188	8
19	154	146	174	219	114	120	123	154	135	343	293	300	293	300	297	299	225	139	141	148	129	139	171	152	7
20	157	135	144	144	163	129	165	145	223	102	285	312	69	256	264	279	169	160	168	166	180	161	218	173	8
21	87	135	157	164	139	42	177	160	323	206	318	263	27	358	336	36	160	180	247	230	214	131	158	127	8
22	166	162	119	142	117	72	165	222	244	278	284	321	312	236	212	195	182	166	167	151	139	126	110	132	7
23	241	215	233	198	200	173	211	299	213	82	63	98	82	211	285	263	272	272	268	271	276	274	274	279	13
24	279	279	279	279	279	335	45	48	59	48	46	53	40	41	54	59	50	48	65	57	33	66	70	85	3
25	114	137	123	86	155	145	138	151	113	291	283	295	355	344	311	17	205	152	152	171	159	214	223	265	8
26	191	262	228	215	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	11
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	8	7	[VA]	11	6	7	6	8	7	13	14	14	15	15	14	14	8	8	8	8	8	7	8	8	8

QHOUT -- 00001 <811111.1750>

WIND DIRECTION [CC:02]

LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	NW	NW	W	NW	NNE	N	S	SE	SSE	SSE	SE	SE	SSE	S	SSE
7	SSW	S	S	SSE	SSE	NW	ESE	W	S	W	WNW	NW	WNW	W	E	ENE	ENE	E	E	E	E	E	E	ESE	E
8	E	E	E	E	E	ESE	E	ESE	SE	E	ENE	E	ESE	NW	W	WNW	WNW	NW	W	SE	SSE	SE	S	SE	E
9	E	N	W	WNW	NNE	WNW	N	N	W	NNE	NNW	WNW	WNW	WNW	WNW	WNW	WNW	NW	NW	W	W	SW	NW	NW	WNW
10	SW	SW	SE	ENE	S	SSW	NNW	ENE	WNW	NW	WNW	NW	NW	WNW	NW	WNW	NW	WSW	SE	SSE	SE	SSE	SSE	SSE	NW
11	SE	SSW	SSW	E	NW	NE	ENE	ESE	SSE	ENE	NE	NNE	NNE	NW	WNW	NW	WSW	S	SSE	SSE	SSE	SSW	WSW	WNW	SSE
12	SSE	S	W	WSW	WSW	WSW	W	WNW	NW	SSW	SSW	S	NNW	NW	NNE	NNE	WNW	W	N	NW	SW	SE	SSE	SSE	WSW
13	SE	SE	ESE	NNE	WNW	NW	NW	NW	NW	NNW	NW	N	NW	WNW	WNW	NW	NW	NNW	SSE	SSE	SE	WSW	SSW	WSW	NW
14	WSW	WSW	WSW	SW	SW	SW	SSE	SSE	WSW	WNW	WNW	NW	NW	NW	NW	NNW	SSE	SE	SSE	SSE	S	SSE	SSW	SSE	SSE
15	SSE	NNE	SSE	WSW	NNE	NE	W	WSW	ESE	N	W	NNE	ENE	NW	WNW	WNW	SW	SSE	SSE	SE	ESE	ESE	SE	SSW	SSE
16	SE	SSE	SSE	S	ESE	SE	E	SSE	ESE	WSW	W	WNW	NNW	N	NW	WNW	SSE	SSW	SE	SE	SE	SE	SSE	SSE	SE
17	SSE	S	SSW	S	SW	SE	ESE	SSE	SE	W	WNW	WNW	NNW	NW	SSW	W	E	SSE	SE	SSE	SE	ESE	SSW	SW	SE
18	SSE	SE	ESE	ESE	E	ENE	ESE	ESE	SSE	E	S	SW	WNW	WNW	NNW	SSE	SE	SE	SW	SW	S	SSW	SSE	S	SSE
19	SSE	SE	S	SW	ESE	ESE	ESE	SSE	SE	NNW	WNW	WNW	WNW	WNW	WNW	WNW	SW	SE	SE	SSE	SE	SE	S	SSE	SE
20	SSE	SE	SE	SE	SSE	SE	SSE	SE	SW	ESE	WNW	NW	ENE	WSW	W	W	S	SSE	SSE	SSE	S	SSE	SW	S	SSE
21	E	SE	SSE	SSE	SE	NE	S	SSE	NW	SSW	NW	W	NNE	N	NNW	NE	SSE	S	WSW	SW	SW	SE	SSE	SE	SSE
22	SSE	SSE	ESE	SE	ESE	ENE	SSE	SW	WSW	W	WNW	NW	NW	SW	SSW	SSW	S	SSE	SSE	SSE	SE	SE	ESE	SE	SE
23	WSW	SW	SW	SSW	SSW	S	SSW	WNW	SSW	E	ENE	E	E	SSW	WNW	W	W	W	W	W	W	W	W	W	W
24	W	W	W	W	W	NNW	NE	NE	ENE	NE	NE	NE	NE	NE	NE	ENE	NE	NE	ENE	ENE	NNE	ENE	ENE	E	NE
25	ESE	SE	ESE	E	SSE	SE	SE	SSE	ESE	WNW	WNW	WNW	N	NNW	NW	NNE	SSW	SSE	SSE	S	SSE	SW	SW	W	SSE
26	S	W	SW	SW	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	SW
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]
PV	SSE	SE	[VA]	SW	ESE	SE	ESE	SSE	SE	W	WNW	WNW	NW	NW	WNW	WNW	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE

QHOUT -- 00004 <811027.1411>

TEMPERATURE [CC;03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JAN, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-9	-10	-9	-9	-10	-10	-10	-12	-10	-9	-5	-5	-5	-6	-7	-7	-6	-6	-6	-7	-8	-9	-10	-13	-8	-5
2	-14	-15	-15	-16	-17	-18	-18	-18	-17	-14	-13	-12	-13	-13	-13	-14	-14	-15	-15	-15	-14	-16	-17	-17	-15	-12
3	-17	-19	-20	-19	-20	-22	-23	-22	-20	-17	-14	-10	-10	-8	-7	-9	-12	-14	-15	-16	-13	-12	-11	-10	-15	-7
4	-12	-13	-11	-13	-10	-9	-8	-8	-7	-6	-6	-5	-4	-5	-7	-8	-9	-8	-8	-7	-7	-7	-9	-7	-8	-4
5	-8	-10	-10	-10	-11	-11	-11	-12	-11	-9	-7	-7	-7	-4	-3	-4	-6	-7	-7	-7	-7	-7	-8	-8	-8	-3
6	-8	-8	-8	-8	-8	-9	-10	-10	-11	-12	-11	-10	-10	-10	-9	-11	-13	-15	-15	-16	-17	-19	-21	-22	-12	-8
7	-22	-25	-26	-26	-28	-28	-29	-29	-28	-24	-20	-17	-17	-13	-14	-15	-17	-21	-22	-24	-24	-25	-25	-26	-23	-13
8	-25	-26	-25	-26	-26	-27	-27	-28	-25	-21	-18	-17	-16	-16	-15	-15	-16	-18	-20	-20	-21	-21	-21	-21	-21	-15
9	-23	-24	-23	-23	-24	-25	-25	-26	-22	-19	-15	-13	-11	-11	-12	-12	-14	-16	-17	-18	-18	-19	-19	-20	-19	-11
10	-20	-20	-21	-22	-23	-23	-23	-23	-21	-18	-14	-12	-10	-9	-8	-9	-10	-13	-15	-17	-17	-17	-18	-19	-17	-8
11	-20	-20	-21	-21	-21	-21	-21	-21	-19	-16	-14	-12	-10	-9	-9	-10	-11	-12	-12	-14	-16	-17	-17	-18	-16	-9
12	-18	-19	-19	-20	-19	-19	-20	-21	-19	-15	-13	-10	-7	-6	-6	-6	-7	-12	-13	-15	-17	-15	-16	-16	-15	-6
13	-16	-16	-15	-16	-15	-16	-17	-17	-14	-12	-8	-3	-1	1	2	1	0	-3	-6	-9	-8	-9	-12	-13	-9	2
14	-12	-13	-15	-17	-16	-17	-17	-18	-16	-13	-9	-5	-4	-1	-4	-6	-7	-11	-12	-13	-12	-12	-11	-12	-11	-1
15	-13	-12	-11	-9	-11	-12	-13	-13	-12	-8	-4	-1	2	1	2	2	0	-4	-6	-7	-6	-9	-11	-12	-7	2
16	-12	-11	-10	-10	-11	-11	-11	-12	-11	-8	-4	-1	2	3	5	5	2	-1	0	0	0	-1	-1	-1	-4	5
17	2	1	1	1	0	-1	-1	-3	-1	3	5	5	6	7	10	11	8	4	1	1	1	-2	-2	-2	2	11
18	1	1	1	-1	-3	-4	-5	-5	-6	-4	-2	0	5	5	6	7	5	4	2	0	-2	-3	-4	-5	0	7
19	-6	-7	-8	-8	-9	-10	-11	-12	-11	-6	-4	-2	1	2	5	6	4	2	0	0	-1	-4	-5	-6	-4	6
20	-8	-8	-9	-9	-10	-12	-12	-12	-10	-7	-3	-2	1	1	0	0	-1	-3	-4	-5	-5	-7	-7	-7	-6	1
21	-3	-2	-1	0	-1	-1	-1	-1	-2	-1	-2	-5	-5	-5	-3	-3	-4	-4	-4	-5	-6	-6	-8	-7	-3	0
22	-7	-9	-14	-13	-14	-15	-16	-15	-11	-9	-7	-5	-6	-6	-6	-6	-8	-9	-9	-10	-11	-12	-13	-14	-10	-5
23	-13	-14	-15	-16	-16	-15	-15	-14	-13	-10	-7	-4	-4	-2	-1	-1	-1	-5	-7	-7	-8	-8	-7	-8	-9	-1
24	-9	-10	-10	-11	-11	-12	-12	-12	-11	-9	-7	-6	-5	-1	0	2	1	-1	-2	-3	-3	-4	-5	-6	-6	2
25	-7	-8	-9	-9	-12	-12	-11	-11	-9	-8	-4	-4	-1	2	1	1	1	-2	-4	-5	-7	-7	-7	-9	-6	2
26	-9	-10	-10	-11	-12	-12	-12	-13	-11	-8	-7	-4	-2	2	4	4	3	1	-2	-2	-2	-3	-1	-3	-5	4
27	2	3	2	-4	-2	-2	-3	-4	-4	-3	-2	-1	2	2	3	3	2	-2	-6	-7	-8	-9	-10	-11	-2	3
28	-11	-13	-13	-13	-13	-12	-13	-12	-11	-10	-6	-5	-3	-1	0	-1	-2	-4	-6	-7	-8	-8	-8	-8	-8	0
29	-7	-7	-7	-7	-7	-7	-8	-8	-8	-7	-4	-3	-1	0	3	3	2	-2	-3	-3	-5	-6	-8	-10	-5	3
30	-9	-9	-10	-11	-12	-12	-13	-13	-11	-7	-5	-4	-1	-2	1	1	-1	-3	-6	-7	-9	-9	-9	-10	-7	1
31	-10	-11	-11	-11	-12	-12	-12	-11	-10	-8	-6	-3	-1	-1	-1	-2	-2	-3	-3	-5	-6	-7	-8	-9	-7	-1
AV	-11	-12	-12	-13	-13	-13	-14	-14	-13	-10	-8	-6	-4	-3	-3	-3	-4	-7	-8	-9	-9	-10	-11	-11	-9	11
SD	7	7	7	7	7	7	7	7	6	6	5	5	6	6	6	7	7	7	6	6	6	6	6	6	7 [ ]	

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

FEB, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-9	-10	-9	-9	-9	-9	-10	-10	-8	-7	-4	-2	-1	-2	-1	-2	-3	-6	-7	-7	-7	-8	-9	-9	-7	-1
2	-10	-10	-10	-12	-13	-13	-13	-13	-11	-8	-8	-6	-6	-2	-3	-5	-6	-7	-6	-6	-6	-7	-7	-8	-8	-2
3	-7	-8	-8	-9	-9	-10	-9	-7	-8	-7	-6	-5	-4	-5	-4	-8	-9	-12	-13	-14	-15	-16	-17	-18	-10	-4
4	-19	-19	-20	-21	-21	-21	-21	-22	-22	-21	-20	-20	-18	-18	-18	-18	-18	-20	-22	-21	-22	-23	-23	-23	-20	-18
5	-24	-26	-26	-27	-27	-27	-28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-26	-24
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-5	-4	-2	0	1	1	1	-1	-5	-7	-6	-7	-9	-12	-4	1
12	-12	-13	-14	-14	-14	-16	-16	-16	-14	-10	-6	-5	-3	-1	-1	0	-1	-4	-7	-7	-9	-9	-11	-10	-9	0
13	-13	-12	-12	-14	-14	-16	-16	-16	-13	-10	-7	-4	-2	-1	-1	1	1	-2	-4	-4	-4	-5	-6	-6	-8	1
14	-6	-6	-6	-6	-6	-6	-7	-7	-6	-5	-2	0	3	5	5	5	4	3	-1	-1	-1	-4	-3	-5	-2	5
15	-6	-6	-6	-6	-6	-7	-8	-7	-6	-3	-1	2	5	8	7	5	5	3	1	0	0	0	-1	-3	-1	8
16	-3	-3	-2	-3	-3	-3	-4	-3	0	1	3	4	5	3	3	2	1	1	1	-1	-2	-3	-4	-5	-1	5
17	-5	-5	-6	-8	-7	-7	-7	-7	-6	-5	-3	-2	-1	-1	1	1	1	0	-2	-4	-4	-5	-5	-6	-4	1
18	-6	-6	-6	-6	-6	-6	-6	-6	-4	-3	-2	1	3	3	4	5	4	3	-1	-2	-2	-2	-3	-3	-2	5
19	-5	-5	-6	-5	-8	-9	-8	-8	-6	-4	0	2	3	5	6	6	6	5	2	-1	0	-2	-3	-2	-2	6
20	-3	-4	-5	-5	-6	-7	-8	-7	-5	-2	1	3	4	6	7	9	8	6	2	0	-1	-2	-3	-4	-1	9
21	-5	-4	-5	-6	-6	-7	-7	-7	-4	0	2	4	7	9	9	10	9	8	4	1	0	-1	-2	-3	0	10
22	-3	-4	-5	-5	-6	-6	-6	-6	-4	0	2	5	9	11	12	12	13	11	6	6	6	4	3	4	2	13
23	5	5	6	6	7	6	3	3	3	5	6	8	8	9	11	10	11	8	6	6	4	1	0	-1	6	11
24	-3	-3	-3	-5	-5	-6	-7	-7	-3	-2	1	1	3	5	6	5	5	4	1	-1	-2	-2	-3	-4	-1	6
25	-6	-6	-6	-8	-8	-9	-10	-10	-7	-3	-1	2	5	6	6	7	7	6	2	-2	-3	-2	-5	-5	-2	7
26	-5	-6	-7	-9	-7	-8	-8	-8	-5	-1	2	3	5	7	9	9	8	6	5	3	1	1	1	-1	0	9
27	-2	-2	-2	-4	-3	-3	-4	-2	1	2	4	7	8	9	9	7	8	6	4	4	3	2	1	-1	2	9
28	-1	-2	-2	-4	-5	-6	-7	-6	-4	-1	1	4	7	8	9	10	11	10	6	5	6	6	3	2	2	11
AV	-7	-7	-7	-8	-8	-9	-9	-8	-6	-4	-2	0	2	3	4	3	3	1	-1	-2	-3	-4	-5	-6	-3	13
SD	6	6	7	7	7	7	6	5	5	5	6	6	6	6	7	7	7	7	7	6	6	6	6	6	8	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

MAR, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-1	-2	-3	-4	-4	-5	-5	-4	-1	2	5	5	5	8	10	9	8	8	8	7	7	6	5	5	3	10
2	4	3	2	1	1	1	0	1	3	6	8	9	10	11	10	9	6	4	1	-1	-1	-1	-2	-3	3	11
3	-4	-4	-4	-4	-4	-4	-4	-4	-2	0	2	0	2	4	4	4	4	2	-1	-2	-3	-3	-4	-5	-1	4
4	-5	-6	-6	-7	-7	-7	-8	-8	-7	-5	-1	0	0	0	0	-1	-1	-1	-1	-3	-4	-4	-5	-6	-4	0
5	-7	-7	-9	-10	-11	-10	-9	-7	-6	-5	-2	-1	-1	0	0	0	0	-1	-3	-5	-5	-6	-8	-8	-5	0
6	-9	-9	-9	-9	-10	-11	-12	-10	-8	-5	-3	-2	-2	-1	0	1	1	1	-2	-4	-4	-5	-5	-5	-5	1
7	-4	-5	-6	-6	-8	-9	-8	-8	-6	-4	-3	-1	3	5	7	8	7	7	4	0	1	1	1	-1	-1	8
8	0	-3	-4	-5	-5	-5	-5	-5	-3	-1	-1	1	3	6	7	7	8	8	5	5	4	3	1	1	1	8
9	2	0	-1	-2	-1	-2	-3	-2	1	4	7	10	11	12	13	13	13	12	10	9	8	7	7	6	6	13
10	5	3	1	0	0	-2	-2	-2	0	2	5	9	13	13	14	12	12	11	10	11	9	6	4	5	6	14
11	4	3	4	2	1	-1	-1	1	3	6	9	10	10	9	10	11	10	10	8	7	7	7	6	6	6	11
12	5	5	5	1	1	0	-2	-1	0	1	2	4	4	5	5	6	6	5	3	0	-1	-2	-2	-4	2	6
13	-4	-6	-7	-6	-7	-8	-9	-6	-2	0	2	4	6	7	9	9	8	8	6	2	1	2	-1	-1	0	9
14	-2	-4	-4	-5	-6	-6	-7	-5	-2	1	4	5	8	10	8	7	7	8	7	7	5	5	5	4	2	10
15	3	3	3	0	0	0	1	1	3	5	5	6	6	7	7	6	7	7	6	4	2	2	2	1	4	7
16	1	-1	0	-1	0	1	1	1	3	4	5	6	7	6	5	6	6	4	2	-2	-2	-3	-4	-4	2	7
17	-3	-2	0	-1	-2	-4	-6	-3	-1	1	0	3	5	6	7	7	7	8	6	4	4	4	3	3	2	8
18	2	2	0	-3	-4	-5	-4	-3	2	8	11	12	12	13	13	10	11	10	4	-3	-4	-4	-5	-5	3	13
19	-5	-6	-5	-5	-5	-5	-6	-6	-2	-1	0	1	1	2	2	0	1	1	-1	-2	-3	-2	-3	-4	-2	2
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24	-4	-5	-7	-6	-9	-8	-7	-4	0	3	5	6	9	9	10	11	11	11	10	7	6	5	1	0	2	11
25	-2	-2	-2	-5	-6	-7	-8	-5	-2	0	2	5	7	9	10	10	11	10	9	6	5	6	4	4	2	11
26	4	3	3	1	1	1	0	1	4	6	7	4	5	5	5	6	6	5	3	2	2	2	2	1	3	7
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AV	-2	-2	-3	-4	-4	-4	-5	-3	-1	1	3	4	5	6	7	6	7	6	4	2	2	1	0	-1	1	14
SD	4	4	5	4	5	4	4	4	4	4	4	4	4	4	5	5	4	4	4	5	4	4	5	5	6	[ ]

WHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

APR, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	9	8	8	8	8	6	6	9	10	10	12	12	11	11	10	11	10	9	8	8	5	1	-1	8	12
2	-2	-5	-2	-4	-4	-4	-3	-4	-3	-2	0	1	3	3	4	5	6	6	5	3	0	-1	-1	-2	0	6
3	-4	-1	-1	-3	-2	-2	-4	-2	1	2	4	7	9	12	14	14	14	13	11	10	9	8	8	8	5	14
4	6	7	6	4	1	1	-1	3	7	10	11	11	12	12	11	7	5	3	0	-2	-2	-3	-4	-4	4	12
5	-5	-7	-7	-8	-8	-9	-9	-5	-3	-1	1	1	4	7	6	5	4	4	3	3	1	1	0	0	-1	7
6	-3	-4	-5	-4	-6	-7	-7	-5	-2	1	4	6	8	12	12	12	11	10	10	6	3	3	1	-1	2	12
7	-1	-3	-1	-2	-2	-4	-6	-6	-4	-2	-2	1	-2	-1	3	0	-1	1	-2	-4	-5	-6	-6	-7	-3	3
8	-8	-8	-8	-8	-9	-9	-10	-7	-3	-2	0	0	2	3	3	3	4	3	3	2	1	0	-1	-2	-2	4
9	-4	-6	-8	-9	-7	-9	-10	-6	-2	-1	1	2	4	3	5	5	5	3	1	-2	-4	-3	-4	-6	-2	5
10	-5	-7	-7	-7	-7	-8	-9	-5	-2	1	3	6	7	10	10	11	12	12	11	8	7	6	5	6	2	12
11	4	2	4	5	6	5	4	10	13	14	12	13	16	18	17	16	16	16	14	9	8	13	13	13	11	18
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14	10	6	4	3	0	-1	1	7	10	13	15	15	18	18	19	18	19	17	16	13	9	11	9	7	11	19
15	3	6	3	2	1	-1	0	6	9	10	11	13	12	12	11	11	11	9	9	8	6	5	1	-2	7	13
16	-1	-2	-2	-4	-5	-5	-4	-2	0	1	3	4	4	5	5	6	6	6	6	2	-1	-1	-3	-2	1	6
17	-5	-8	-8	-8	-9	-10	-8	-5	0	2	5	7	9	12	14	14	14	15	13	11	8	6	4	3	3	15
18	1	2	1	-2	-4	-4	-3	2	7	10	12	12	14	14	11	11	10	9	8	5	3	3	1	-2	5	14
19	-4	-5	-6	-8	-10	-11	-10	-6	-2	-3	-1	0	0	1	1	0	0	-2	-2	-3	-3	-4	-5	-6	-4	1
20	-8	-9	-8	-10	-10	-11	-9	-6	-5	-4	-2	-1	-1	-2	-1	-1	-1	-1	-1	-1	-3	-4	-6	-7	-5	-1
21	-9	-10	-8	-10	-11	-12	-10	-6	-3	0	2	5	6	6	8	10	10	9	10	7	5	4	1	-2	0	10
22	-3	-5	-7	-7	-8	-9	-7	-2	1	4	8	11	12	13	16	15	15	16	15	11	7	7	8	5	5	16
23	3	2	2	2	2	-1	1	5	6	6	9	11	11	14	15	16	15	11	11	9	9	8	8	6	8	16
24	4	3	3	2	0	-1	1	5	8	12	13	15	17	17	17	18	17	18	17	14	13	12	11	9	10	18
25	6	4	3	3	0	1	1	4	9	12	16	17	18	18	17	19	19	17	15	14	13	10	9	8	11	19
26	5	4	6	4	4	4	6	8	10	11	11	13	16	16	13	11	13	12	11	8	6	7	6	7	9	16
27	5	5	4	3	2	3	4	7	8	10	11	13	15	15	17	17	16	15	14	12	9	9	7	6	9	17
28	5	3	3	0	0	-1	1	5	8	10	14	16	17	18	20	20	22	21	22	19	16	16	17	15	12	22
29	17	17	16	14	11	9	8	8	10	11	12	12	12	15	15	15	16	15	15	12	9	9	8	7	12	17
30	7	7	5	5	3	-1	1	5	7	11	13	15	16	17	18	19	20	20	20	16	14	12	13	11	11	20
AV	1	0	0	-1	-2	-3	-2	1	4	5	7	9	10	11	11	11	11	11	10	7	6	5	4	3	5	22
SD	8	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	8	[ ]

QHOUT -- 00000 (811111.1807)

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

MAY, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	7	9	8	8	9	9	11	16	17	19	21	20	20	23	23	22	21	16	14	14	12	11	11	15	23
2	9	8	7	7	5	4	6	10	11	14	18	20	18	16	18	18	18	18	16	15	14	13	13	14	13	20
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4	7	5	5	5	5	5	5	7	10	13	14	16	16	17	14	18	18	18	17	16	13	11	10	7	11	18
5	4	3	3	3	2	2	2	3	5	6	7	7	8	8	9	9	11	11	11	7	3	3	3	1	5	11
6	-2	-3	-3	-3	-5	-5	-3	0	4	6	10	10	12	12	13	15	16	16	17	12	12	10	8	8	7	17
7	8	5	5	3	3	3	5	8	11	14	14	16	15	15	17	14	16	17	14	14	12	12	10	9	11	17
8	9	8	7	6	7	7	8	11	12	14	15	16	20	21	21	21	20	19	18	17	16	15	14	14	14	21
9	14	14	12	12	12	11	13	15	16	16	17	16	16	17	17	15	12	12	11	10	9	4	3	3	12	17
10	4	3	2	1	1	1	3	6	9	11	8	12	13	13	8	10	8	6	7	7	5	3	2	0	6	13
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19	11	11	9	7	8	8	7	6	6	9	12	11	12	11	10	13	12	12	12	10	8	6	8	7	9	13
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21	8	5	3	3	1	1	3	7	10	14	16	17	22	22	22	24	24	23	22	19	18	17	14	13	14	24
22	11	8	7	4	4	5	6	10	13	16	19	22	25	25	25	26	23	23	21	20	18	17	15	14	16	26
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25	8	5	4	4	1	1	5	8	9	13	16	17	19	20	21	23	23	24	23	21	20	18	18	16	14	24
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28	18	17	14	9	8	7	6	8	8	11	12	13	14	15	15	15	15	16	15	13	12	10	7	8	12	18
29	7	6	4	3	3	3	5	7	10	13	14	17	19	20	21	21	22	20	18	16	15	13	11	12	13	22
30	12	11	8	8	7	6	8	9	11	11	11	6	3	6	7	8	7	7	8	6	5	3	3	1	7	12
31	0	0	-1	-2	-2	-2	0	3	6	8	10	14	15	17	18	19	20	21	21	17	15	14	12	11	10	21
AV	8	7	6	5	4	4	6	8	10	13	14	16	16	17	17	18	17	17	16	14	12	11	10	9	11	29
SD	5	5	5	4	5	4	4	4	5	4	5	5	6	5	5	6	6	6	6	5	5	5	5	5	7	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JUN, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11	9	9	8	6	6	9	12	16	18	20	21	22	20	16	17	18	18	18	15	14	13	11	9	14	22
2	8	6	4	3	3	3	5	10	13	14	16	16	17	18	19	19	19	19	18	17	15	14	13	13	13	19
3	11	10	7	6	6	7	7	10	12	13	15	16	18	19	20	20	22	22	24	20	17	16	14	13	14	24
4	11	10	10	7	6	6	8	15	20	22	23	24	25	25	25	25	23	23	23	21	19	16	14	11	17	25
5	12	12	12	12	9	8	11	15	18	20	21	23	24	23	22	22	21	17	14	11	7	7	5	3	15	24
6	3	0	1	1	0	0	3	7	10	10	13	14	16	16	17	18	18	19	19	15	12	11	11	11	10	19
7	9	6	3	1	1	2	6	10	12	17	19	22	22	23	22	24	22	23	23	20	19	19	17	17	15	24
8	14	13	11	10	7	8	11	13	13	14	15	16	17	18	18	18	17	17	18	15	13	10	8	8	13	18
9	7	7	7	5	2	4	6	8	10	12	14	15	16	17	18	18	19	20	21	18	12	12	10	7	12	21
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12	14	13	12	12	11	11	13	15	18	20	23	26	27	28	28	29	28	27	25	25	21	19	19	18	20	29
13	18	18	14	13	12	11	14	17	20	25	25	27	28	28	28	28	26	25	25	23	21	19	18	15	21	28
14	13	12	12	10	10	10	12	17	17	18	20	21	22	19	19	19	18	18	15	12	12	10	9	9	15	22
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30	19	20	22	23	25	22	22	21	22	23	26	28	29	30	24	19	20	22	21	22	21	20	18	17	22	30
AV	13	12	10	9	9	9	11	14	17	19	21	23	24	24	24	24	24	24	23	21	18	17	15	14	18	35
SD	5	4	5	5	6	5	5	4	4	5	4	5	4	5	5	5	5	5	5	5	5	5	5	4	7	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

JUL, 1982

AEROVIRONMENT INC.

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*********************
*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	18	18	16	15	14	14	16	19	21	22	23	25	25	26	27	26	28	28	27	25	22	20	17	15	21	28
2	15	14	12	12	11	10	13	17	19	22	24	26	26	26	29	28	28	28	28	26	23	22	19	17	21	29
3	16	15	14	11	10	10	14	18	22	25	26	28	30	31	31	33	33	32	32	31	26	24	23	22	23	33
4	22	19	17	18	15	15	18	20	26	28	28	29	30	31	31	31	29	29	26	22	20	19	18	18	23	31
5	19	17	16	16	14	14	15	16	16	17	18	18	18	18	15	15	15	13	9	8	7	6	6	5	14	19
6	5	4	4	3	4	3	4	7	11	14	15	18	18	20	20	23	23	24	25	23	19	17	15	15	14	25
7	15	12	12	10	8	8	10	14	17	21	22	25	27	27	28	30	29	28	27	26	24	21	21	20	20	30
8	19	18	17	16	14	11	12	14	18	21	22	23	26	27	27	26	24	21	13	12	12	11	11	11	18	27
9	12	12	12	11	9	9	12	13	17	18	20	22	22	22	24	26	25	24	26	24	21	18	16	15	18	26
10	14	14	12	11	9	9	11	14	18	19	22	24	26	28	30	30	30	29	29	27	24	23	21	21	21	30
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC;03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

AUG, 1982

AEROVIRONMENT INC.

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*                   *
*     FINAL DATA    *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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AV	19	18	17	17	16	15	16	19	22	24	26	27	28	29	29	28	28	28	26	24	22	21	20	20	22	36
SD	3	3	3	3	2	2	3	3	3	4	4	4	4	4	5	5	5	5	4	4	4	3	3	3	6	[ ]

QHOUT -- QUOOO <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

SEP, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
*********************
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CLOCK HOUR [LOCAL STANDARD TIME]

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QHOUT -- 00000 <611111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

OCT, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

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8	-3	-3	-3	-3	-4	-4	-4	-3	-1	1	4	5	4	5	7	6	4	4	2	2	0	0	-1	-3	1	7
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AV	0	0	-1	-1	-2	-3	-3	-2	1	4	6	8	10	11	12	12	11	9	7	6	5	4	2	1	4	18
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QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

NOV, 1982

AEROVIRONMENT INC.

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* *
* FINAL DATA *
* AS OF 30/MAR/83 *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	7	8	9	10	9	8	6	3	2	1	2	2	2	5	10
2	2	1	0	1	-1	-2	-3	-2	0	1	4	4	5	5	5	5	5	2	1	0	-2	-1	-2	-2	1	5
3	-2	-3	-5	-5	-6	-7	-6	-6	-3	-1	0	3	5	7	7	8	7	4	1	0	0	-1	-2	-3	0	8
4	-4	-4	-5	-6	-5	-6	-6	-5	-2	1	4	6	7	9	10	10	8	5	2	1	0	-1	-1	-2	1	10
5	-4	-5	-5	-5	-6	-6	-6	-5	-2	2	3	5	6	9	9	10	9	5	2	1	0	-1	-2	-2	1	10
6	-3	-3	-4	-5	-5	-5	-6	-5	-2	1	6	8	9	12	12	14	10	11	10	9	8	5	4	2	3	14
7	0	-2	-2	-3	-4	-5	-6	-5	-2	1	5	6	7	11	11	10	8	5	4	3	2	1	2	1	2	11
8	0	4	8	8	9	7	8	8	7	6	7	7	5	4	4	5	5	4	3	4	3	3	2	3	5	9
9	4	2	2	3	3	2	2	2	1	3	5	7	10	10	9	8	5	2	2	0	-1	-2	-3	-3	3	10
10	-1	-1	-1	-2	-2	-2	-2	-2	1	3	5	8	9	7	9	7	4	0	-1	-1	-1	-1	-2	-2	1	9
11	-2	-1	-2	-2	-2	-1	-1	-1	-2	-1	2	2	4	3	4	5	3	2	1	0	0	-2	-2	-4	0	5
12	-5	-5	-6	-5	-6	-6	-6	-6	-5	-2	1	4	4	3	4	5	2	-1	-1	-1	-2	-4	-4	-3	-2	5
13	-1	-2	-2	-3	-3	-3	-3	-4	-3	0	1	3	3	5	3	2	2	1	0	-3	-3	-3	-4	-4	-1	5
14	-6	-6	-6	-7	-8	-8	-9	-9	-6	-3	-3	-2	-2	-2	-1	-1	-2	-5	-6	-5	-5	-6	-6	-8	-5	-1
15	-9	-9	-9	-9	-9	-10	-10	-9	-6	-4	-3	-2	-1	-1	0	1	-1	-3	-4	-6	-5	-6	-7	-6	-5	1
16	-8	-8	-8	-7	-9	-10	-10	-9	-8	-5	-3	-1	0	1	4	2	0	-2	-3	-4	-5	-5	-7	-6	-5	4
17	-6	-7	-7	-8	-8	-8	-9	-9	-6	-4	-2	0	1	3	4	5	2	0	-1	-3	-3	-4	-4	-4	-3	5
18	-6	-6	-5	-5	-5	-5	-5	-5	-3	-1	1	4	5	7	7	8	7	6	6	7	8	8	7	8	2	8
19	8	8	8	7	8	7	7	7	8	5	0	3	3	5	6	5	5	2	3	2	2	1	1	0	5	8
20	-2	-1	-3	-3	-4	-4	-3	-5	-4	-1	0	1	1	3	2	1	1	0	0	0	-1	-2	-3	-5	-1	3
21	-4	-4	-5	-4	-3	-5	-3	-4	-3	-2	-1	1	1	2	3	3	2	0	-1	-1	-2	-2	-3	-5	-2	3
22	-6	-6	-5	-6	-5	-6	-5	-6	-4	-3	-3	-1	-2	-1	-1	-2	-2	-3	-4	-4	-4	-4	-4	-6	-4	-1
23	-5	-5	-6	-6	-7	-7	-8	-8	-6	-4	-3	-3	-2	-1	-1	-1	-2	-5	-6	-7	-8	-8	-8	-9	-5	-1
24	-8	-9	-9	-10	-10	-12	-11	-9	-8	-6	-6	-5	-4	-5	-5	-4	-4	-5	-4	-4	-5	-4	-6	-8	-7	-4
25	-7	-8	-8	-8	-6	-6	-6	-5	-5	-3	-3	0	0	2	3	2	0	-2	-3	-4	-4	-5	-6	-7	-4	3
26	-7	-7	-8	-8	-9	-9	-10	-10	-8	-5	-4	-2	1	1	2	2	-1	-4	-5	-5	-5	-7	-7	-7	-5	2
27	-9	-9	-10	-10	-10	-11	-11	-12	-10	-7	-5	-3	-2	-2	-3	-3	-4	-6	-8	-9	-9	-9	-9	-9	-8	-2
28	-8	-8	-6	-7	-6	-7	-8	-6	-6	-4	-1	-2	-2	-1	0	-1	-1	-2	-1	-3	-3	-4	-5	-4	-4	0
29	-4	-4	-4	-5	-5	-5	-5	-5	-3	-3	-2	-1	-1	-3	0	1	0	-3	-1	-3	-2	-3	-4	-3	-3	1
30	1	-2	-4	-5	-4	-4	-4	-3	-3	0	3	6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-2	6
AV	-4	-4	-4	-4	-4	-5	-5	-5	-3	-1	0	2	3	4	4	4	3	0	0	-1	-2	-2	-3	-3	-1	14
SD	4	4	4	4	5	4	5	5	4	3	4	4	4	5	4	4	4	4	4	4	4	4	4	4	5	[ ]

QHOUT -- 00000 <811111.1807>

TEMPERATURE [CC:03]

DEGREES CELSIUS
LEVEL HEIGHT : 10 METERS

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 13

DEC, 1982

AEROVIRONMENT INC.

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*                   *
*    FINAL DATA     *
*  AS OF 30/MAR/83  *
*                   *
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CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
6	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-2	0	3	6	3	4	2	1	-1	-2	-2	-4	-4	-5	0	6
7	-6	-6	-7	-7	-6	-6	-7	-7	-6	-5	-4	-3	-4	-3	-1	0	-2	-2	-3	-3	-4	-3	-4	-6	-4	0
8	-5	-6	-6	-6	-6	-6	-6	-6	-7	-6	-4	-3	-1	-2	-2	-1	-3	-3	-6	-7	-7	-7	-8	-9	-5	-1
9	-8	-8	-7	-7	-7	-6	-6	-6	-5	-3	-3	-3	-3	-2	-2	-2	-3	-3	-5	-6	-5	-5	-5	-5	-5	-2
10	-5	-5	-6	-5	-5	-5	-5	-5	-4	-3	-2	-2	-1	0	-1	-2	-1	-3	-5	-6	-7	-7	-8	-9	-4	0
11	-9	-9	-8	-7	-7	-6	-5	-5	-3	-3	-1	1	2	3	2	1	-1	-4	-6	-8	-7	-8	-7	-6	-4	3
12	-6	-6	-6	-6	-5	-5	-5	-4	-3	-3	-1	1	0	-1	-1	-2	-2	-2	-3	-3	-3	-4	-3	-4	-3	1
13	-4	-4	-4	-4	-4	-4	-4	-5	-3	-3	-3	-2	-2	-4	-5	-5	-5	-5	-5	-5	-4	-5	-4	-3	-4	-2
14	-3	-4	-4	-6	-7	-6	-8	-8	-8	-6	-5	0	1	2	1	-1	-3	-5	-7	-8	-7	-9	-10	-10	-5	2
15	-11	-10	-11	-9	-8	-9	-8	-8	-5	-4	-2	1	0	2	4	1	-1	-5	-5	-6	-6	-6	-6	-5	-5	4
16	-6	-6	-5	-5	-7	-8	-7	-8	-6	-3	-1	0	1	2	1	0	-2	-4	-5	-6	-7	-7	-8	-8	-4	2
17	-9	-10	-11	-10	-12	-11	-13	-12	-10	-8	-4	-3	-1	-1	2	1	-2	-4	-5	-6	-7	-8	-9	-9	-7	2
18	-10	-10	-10	-10	-10	-10	-10	-10	-7	-4	0	3	2	3	5	5	1	-1	-3	-5	-7	-6	-9	-10	-5	5
19	-9	-11	-11	-11	-12	-12	-12	-14	-11	-7	-3	-2	2	1	1	1	-2	-6	-6	-7	-8	-9	-10	-11	-7	2
20	-11	-11	-12	-13	-13	-13	-13	-12	-10	-8	-5	-4	-1	0	1	0	-3	-5	-7	-7	-7	-8	-9	-7	-7	1
21	-6	-8	-9	-9	-10	-10	-10	-10	-8	-6	-4	-2	1	1	0	1	-1	-3	-4	-3	-4	-5	-6	-7	-5	1
22	-6	-8	-7	-7	-6	-6	-5	-5	-4	-1	0	3	5	9	8	7	5	4	2	2	1	1	0	0	0	9
23	3	2	3	5	5	4	5	0	0	1	1	1	3	1	-2	-1	-1	-2	-1	-2	-2	-3	-3	-3	1	5
24	-3	-4	-3	-4	-3	-3	-3	-3	-3	-3	-3	-3	-2	-3	-3	-3	-4	-4	-4	-5	-5	-6	-6	-7	-4	-2
25	-9	-8	-8	-10	-11	-12	-13	-14	-12	-8	-6	-5	-5	-3	-2	-3	-5	-9	-10	-11	-12	-13	-14	-14	-9	-2
26	-16	-17	-16	-18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-17	-16
27	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
29	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
30	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
31	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
AV	-7	-7	-7	-7	-7	-7	-7	-7	-6	-4	-3	-1	0	1	0	0	-2	-3	-4	-5	-6	-6	-7	-7	-5	9
SD	4	4	4	4	4	4	4	4	3	2	2	2	3	3	3	3	2	3	3	3	3	3	3	3	4	[ ]

QHOUT -- 00000 (811111.1807)

SOUND LEVEL DATA

1982 Ua and Ub Sound Level (in decibels)

Date

Site	1/13/82	1/19/82	1/29/82	2/5/82	2/10/82	2/17/82	2/24/82	3/3/82	3/10/82	3/17/82	3/25/82	3/31/82
1 Highway 45 Hour	23 0926	21 1002	25 0957	23 1036	23 1005	27 0944	25 0905	21 0950	22 1000	<20 1007	23 1002	<20 0945
2 Ignacio Hour	24 1010	25 1046	25 1004	23 1044	26 1102	28 0951	26 1000	57 0958	25 1007	<20 1029	26 1010	26 0954
3 Site 4 Hour	21 1114	29 1147	<20 1503	21 1212	<20 1123	24 1024	20 1022	21 1245	41 1207	22 1230	<20 1230	34 1017
4 Site 6 Hour	23 1308	22 1206	25 1207	22 1230	21 1223	23 1227	23 1155	23 1212	24 1112	21 1122	21 1359	23 1355
5 Ignacio Hour	26 1332	23 1226	27 1524	25 1414	34 1235	27 1248	30 1257	37 1308	26 1304	25 1248	23 1419	26 1414
6 Site 10 Hour	<20 0948	<20 1024	<20 1557	21 1450	<20 1042	-- --	20 0928	28 1332	<20 1325	28 1051	<20 1440	<20 1434
7 Hwy 45 Hour	26 1341	28 1233	28 1623	27 1508	24 1244	29 1336	20 1303	23 1408	21 1351	26 1255	25 1449	25 1456
8 Asphalt Wash Hour	*	*	*	*	*	*	*	*	*	*	<20 1323	26 1105
Average Peak	<23.3 26	24.0 29	<24.3 28	23.4 27	<24.0 34	26.3 29	23.4 30	30.0 57	<25.6 41	<23.1 28	<25.4 26	<28.6 34

* Monitoring began 3/25/82.

1982 Ua and Ub Sound Level (in decibels)

Site	Date 4/8/82	4/16/82	4/23/82	4/29/82	5/5/82	5/11/82	5/17/82	5/27/82	6/2/82	6/8/82	6/14/82	6/24/82
1 Highway	24	22	30	30	24	42	25	31	57	38	21	22
Hour	0938	0921	1053	0940	0846	0958	1020	0927	0922	0838	0831	0816
2 Ignacio	32	27	27	31	42	<20	53	68	68	65	57	62
Hour	0945	0928	1100	0950	0855	1020	1027	0933	0928	1051	0840	0824
3 Site 4	37	<20	<20	25	32	51	26	23	33	35	22	25
Hour	1358	1127	1436	1323	1050	1038	1255	1023	1213	1357	1156	1220
4 Site 6	47	<20	25	25	25	37	36	36	32	38	43	34
Hour	1420	1245	1223	1000	1005	1050	1236	1003	1020	1228	0931	0841
5 Ignacio	35	25	28	24	39	47	51	65	74	70	58	63
Hour	1429	1302	1502	1344	1251	1400	1525	1240	1238	1419	1227	1242
6 Site 10	--	<20	<20	33	26	28	22	23	22	37	27	<20
Hour	--	1328	1526	1428	1312	1342	1550	1304	1300	1030	1316	1341
7 Hwy 45	22	30	25	35	23	27	25	34	25	50	32	24
Hour	1437	1350	1553	1504	1332	1407	1610	1327	1334	1426	1338	1400
8 Asphalt Wash	--	<20	<20	20	<20	22	22	20	21	40	<20	<20
Hour	--	1012	1332	1257	1134	1231	1440	1102	1140	1333	1132	1155
Average	32.8	<23.0	24.4	27.9	<28.9	34.2	32.5	37.5	41.5	46.6	<35.0	<33.8
Peak	47	30	30	35	42	51	53	68	74	70	58	63

1982 Ua and Ub Sound Level (in decibels)

Site	Date 6/30/82	7/6/82	7/12/82	7/22/82	7/28/82	8/3/82	8/9/82	8/15/82	8/26/82	9/1/82	9/7/82	9/23/82
1 Highway	31	48	30	<20	36	47	24	<20	36	46	42	27
Hour	0734	0752	0741	0922	0914	0830	0853	1031	1100	0836	0909	0900
2 Ignacio	54	59	66	57	42	49	52	31	41	47	43	50
Hour	1150	0800	0858	0930	0922	0932	1005	1040	1108	1003	1003	1028
3 Site 4	29	20	21	25	<20	21	<20	<20	<20	23	<20	22
Hour	1322	1132	1144	1204	1150	1028	1257	1227	1311	1250	1154	1302
4 Site 6	33	36	35	43	39	27	38	26	23	29	21	26
Hour	1200	0843	1320	1314	1221	1007	1025	1252	1123	1322	1218	1054
5 Ignacio	62	67	61	62	40	46	43	27	40	44	43	47
Hour	1340	1155	1328	1324	1229	1410	1317	1304	1330	1412	1230	1332
6 Site 10	27	<20	<20	23	23	24	<20	<20	<20	<20	<20	30
Hour	1133	1258	0838	1423	1327	0857	0946	0950	1023	0943	0944	1005
7 Hwy 45	33	50	23	28	28	52	45	<20	54	47	42	33
Hour	1348	1320	1338	1442	1348	1419	1327	1314	1337	1421	1240	1340
8 Asphalt Wash	28	<20	<20	22	<20	<20	--	--	--	--	20	22
Hour	1256	1107	1120	1142	1044	1113	--	--	--	--	1043	1202
Average	37.1	≤40.0	≤34.5	≤35.0	≤31.0	≤35.8	≤34.6	≤23.4	≤33.4	≤36.6	≤31.4	32.1
Peak	62	67	66	62	42	52	52	31	54	47	43	50

1982 Ua and Ub Sound Level (in decibels)

Site	Date 10/1/82	10/5/82	10/11/82	10/22/82	10/27/82	11/4/82	11/10/82	11/17/82	11/26/82	12/1/82	12/8/82	12/16/82
1 Highway	76	43	59	43	25	32	21	28	<20	23	22	23
Hour	0912	0836	0836	0836	0843	0919	0906	0940	1024	0904	0918	1000
2 Ignacio	50	47	48	34	36	28	46	53	41	40	39	47
Hour	1040	0845	1013	1003	1025	1042	0911	1132	1129	1018	1223	1128
3 Site 4	29	22	21	22	21	<20	45	<20	<20	32	<20	<20
Hour	1308	1243	1228	1307	1238	1140	1331	1403	1430	1331	1207	1318
4 Site 6	28	26	25	24	32	26	44	24	25	42	25	26
Hour	1335	1258	1253	1011	1300	1440	1142	1140	1135	1029	1056	1135
5 Ignacio	50	40	44	34	33	34	38	31	32	35	38	35
Hour	1347	1309	1300	1324	1328	1447	1347	1418	1446	1345	1043	1336
6 Site 10	<20	26	<20	30	30	23	29	<20	<20	29	23	32
Hour	1016	1409	0952	0939	1000	1022	1429	1107	1109	0957	1022	1106
7 Hwy 45	26	52	37	20	25	31	24	22	<20	30	37	37
Hour	1355	1433	1307	1330	1335	1452	1450	1424	1452	1351	1232	1344
8 Asphalt Wash	22	25	<20	<20	21	<20	43	<20	**	**	**	**
Hour	1123	1112	1100	1158	1203	1118	1306	1236				
Average	<37.6	35.1	<34.3	<28.4	27.9	<26.8	36.3	<27.3	<25.4	33.0	<29.1	<31.4
Peak	76	52	59	43	36	34	46	53	41	42	39	47

** Discontinued for season.

1982 Ua and Ub Sound Level (in decibels)

Site	Date 12/20/82	Date 12/31/82	Average	Peak
1 Highway Hour	<20 0922	<20 1016	≤30.0	76
2 Ignacio Hour	37 1056	20 1132	≤40.8	68
3 Site 4 Hour	21 1335	20 1355	<24.7	51
4 Site 6 Hour	27 1415	23 1137	≤28.8	47
5 Ignacio Hour	34 1422	27 1412	39.9	74
6 Site 10 Hour	30 1034	<20 1105	≤23.6	37
7 Hwy 45 Hour	21 1428	<20 1419	≤30.2	54
8 Asphalt Wash Hour	**	**	≤22.6	43
Average Peak	≤27.1 37	≤21.4 27	≤30.1	76

** Discontinued for season.

Form 1279-3
(June 1984)

BORROWER'S C

DATE LOANED	BORROWER

USDI – BLM