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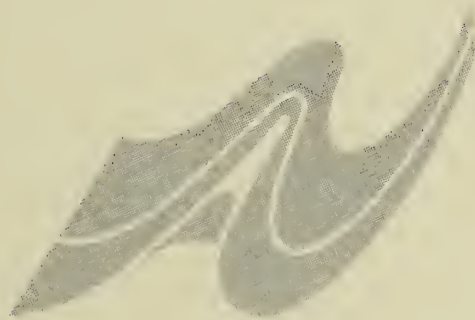
DO81-016

Final Submission

**AIR QUALITY MONITORING
PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub
VOLUME II - AIR QUALITY**

For the Period

1 January 1980 - 31 December 1980



Submitted to

Mr. Jim Godlove
White River Shale Project
1315 West Highway 40
Vernal, Utah 84078

AeroVironment Inc.

145 VISTA AVENUE - PASADENA, CALIFORNIA 91107 USA

(213) 449-4392

TN
809
UBC
4425
1980
1-2

88064891

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By

AeroVironment Inc.
145 Vista Avenue
Pasadena, California 91107

BLM Library
D-653A, Building 50
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859
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1980
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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 1980 through 31 December 1980.

The data presented herein appears in two volumes:

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, σ_{θ} , 10 m, 30 m
6. Root-mean-square variation in vertical wind speed, σ_w , 10 m, 30 m
7. Solar radiation, SR
8. Barometric pressure, BP
9. Relative Humidity, RH

Section II - Air Quality

In order of site number

1. Total sulfur, TS
2. Hydrogen sulfide, H_2S
3. Sulfur dioxide, SO_2
4. Total hydrocarbons, THC, expressed as $\mu g/m^3$ of CH_4
5. Non-methane hydrocarbon, HC
6. Methane, CH_4
7. Carbon monoxide, CO
8. Nitrogen oxides, NO_x , expressed as $\mu g/m^3$ of NO_2

УТВЕРЖДАЮ
Директор, 2012-01
Иванов И.И.
Секретарь, 2012-01
Петрова С.С.

Section II - Air Quality cont..

9. Nitric oxide, NO
10. Nitrogen dioxide, NO₂
11. Ozone, O₃
12. Total Suspended Particulates, TSP

Not all sites measure all of these parameters.

The data tabulation contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled. Air quality data is given in ug/m^3 usually with values for NO_x computed on the basis of the molecular weight of NO_2 , and those for HC and THC based on the molecular weight for CH_4 .

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° 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:

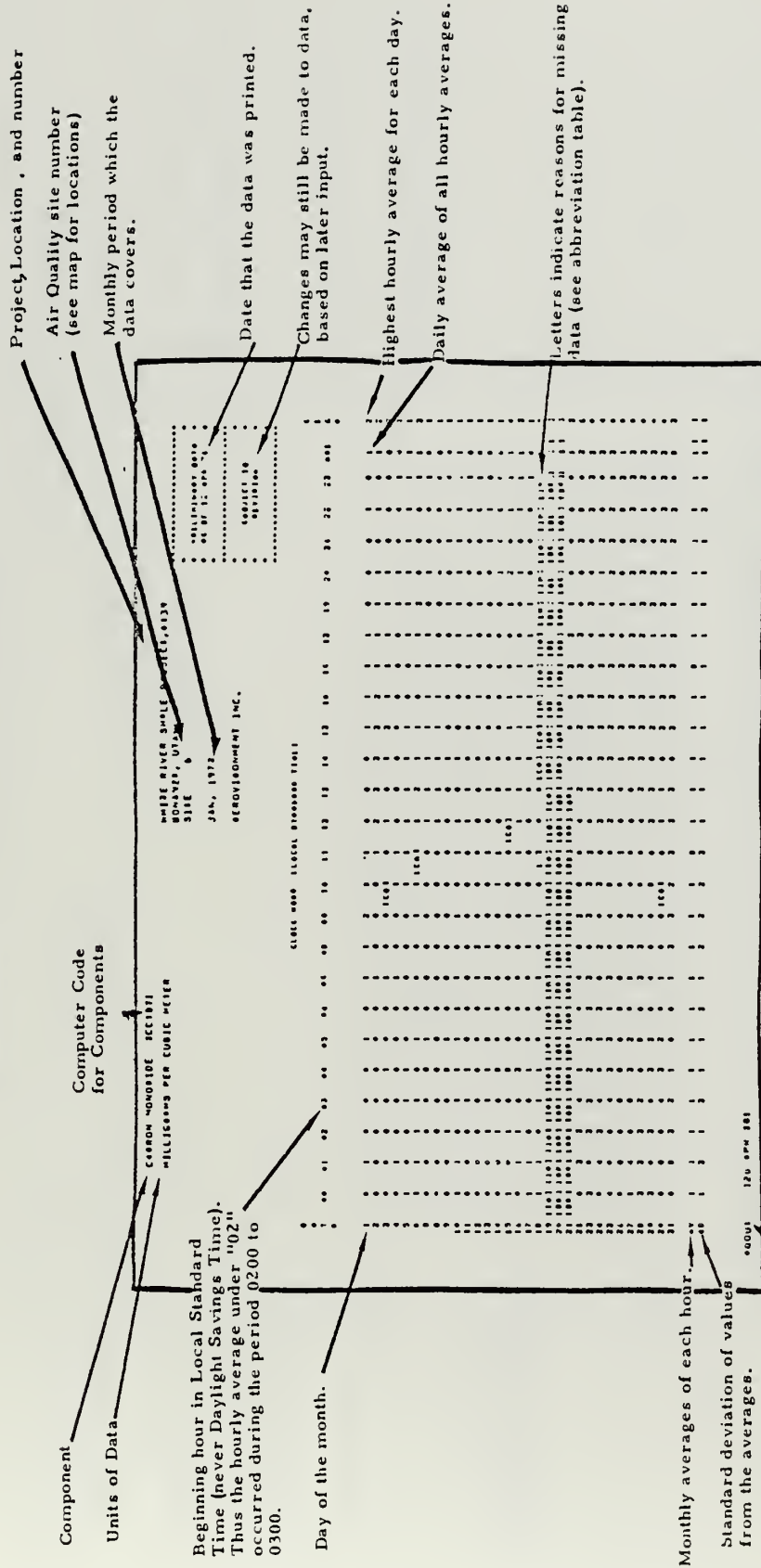
CA	Calibration
MT	Maintenance (changing paper, tape, filters)
FO	Flame Out (on the gas chromatographs)
IM	Instrument Malfunction (not discovered until after data has been collected)
PF	Power Failure (generator failure)
RF	Recording System Failure (chart jams, runs out, tape punch fails)
LI	Local Interference
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 direction
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

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	Lower Limit of Data Validity
SO ₂	Teco Model 43	25 µg/m ³	8 µg/m ³	25 µg/m ³
NO	Monitor Labs 8440 E	5 µg/m ³	6 µg/m ³	6 µg/m ³
NO _x	Monitor Labs 8440 E	5 µg/m ³	6 µg/m ³	6 µg/m ³
NO ₂	NO _x - NO	5 µg/m ³	12 µg/m ³	12 µg/m ³
O ₃	Monitor Labs 8410 E	2 µg/m ³	6 µg/m ³	6 µg/m ³
CO	Monitor Labs 8310	0.1 mg/m ³	0.1 mg/m ³	0.1 mg/m ³
TSP	GMWC-2000H	0.5 µg/m ³	+6% of load or 1 µg/m ³	1 µg/m ³
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 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°	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°C	1°C	-30°C
	MRI-1071 (Sites 11,13)	-34°C	1°C	-34°C
Delta Temperature	MRI-840	N/A	0.2°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%

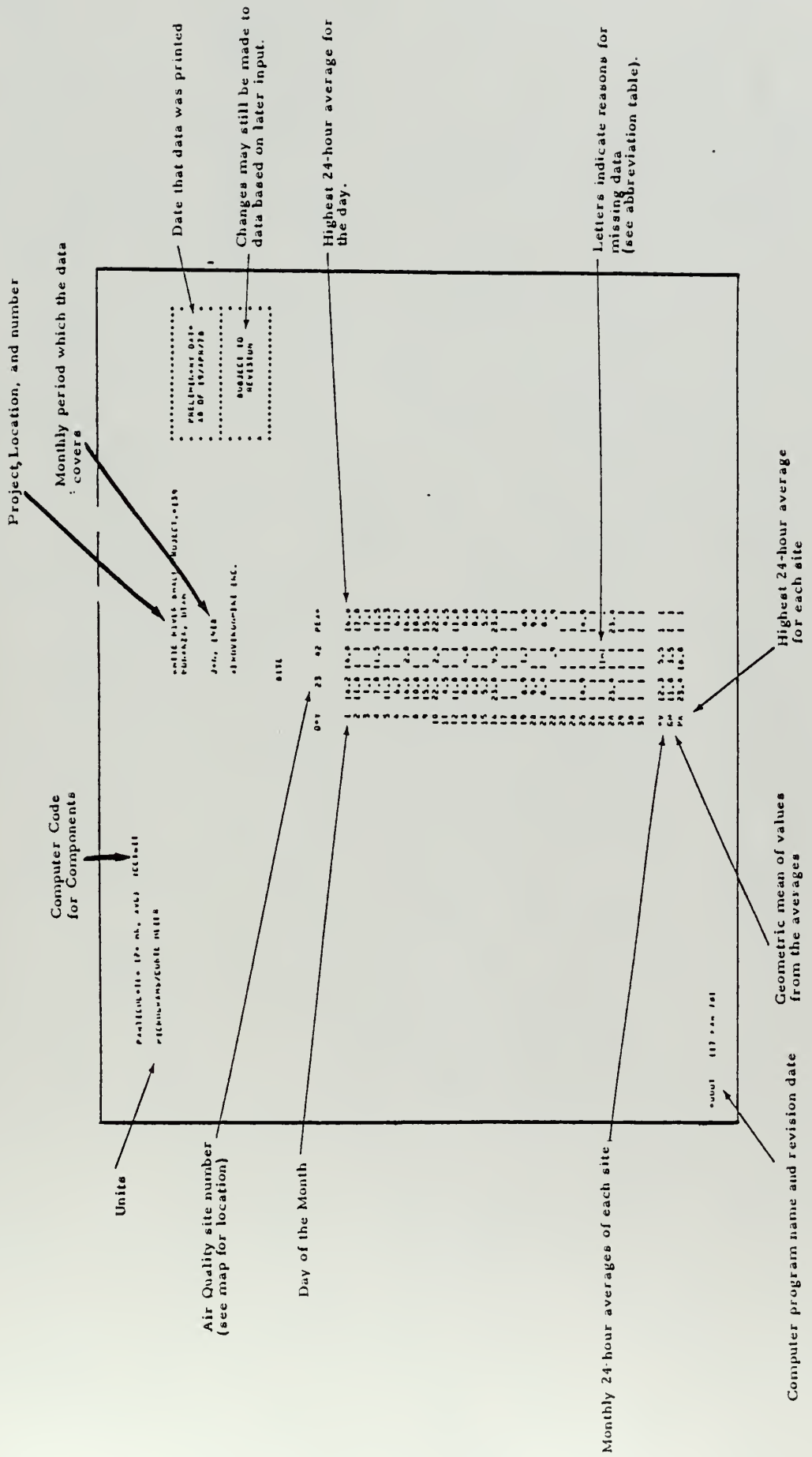
* Five minute sampling time.

MONTHLY COMPONENT SHEET KEY



Computer program name and revision date

MONTHLY PARTICULATES SHEET KEY



SITE 6

TOTAL HYDROCARBONS (CC104)
MICROGRAMS/CUBIC METER

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

JAN. 1980

AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVF	PEAK	
1	1193	1189	1317	1188	1284	1225	1251	1189	1273	1202	1225	1257	1201	1218	1201	1208	1298	1396	1378	1351	1280	1252	1333	1329	1260	1396	
2	1326	1326	1326	1326	1258	1258	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1325	1292	1611
3	1349	1366	1339	1340	1288	1343	1418	1385	1387	1466	1343	1359	1299	1275	1269	1264	1263	1263	1272	1294	1279	1296	1313	1292	1323	1466	
4	1282	1260	1334	1430	1253	1303	1275	1260	1254	1258	1258	1045	1045	1250	1266	1370	1297	1315	1334	1411	1548	1479	1463	1485	1329	1548	
5	1435	1436	1427	1599	1470	1482	1386	1353	1368	1618	1348	1355	1303	1285	1313	1306	1395	1373	1383	1799	1463	1428	1368	1494	1425	1799	
6	1342	1340	1324	1307	1408	1618	1523	1480	1417	1443	1248	1088	1167	1206	1075	1060	1059	1067	1545	1074	1075	1081	1177	1238	1265	1618	
7	1151	1627	1079	1109	1084	1244	1100	1114	1113	1250	1250	1250	1267	1174	1168	1237	2070	1556	1360	1097	1082	1094	1102	1372	1248	2070	
8	1166	1967	1322	1464	1827	2136	2291	2006	1616	1756	1731	1339	1451	1578	1421	1647	1853	1833	1220	1083	1091	1102	1448	1182	1564	2291	
9	1134	1168	1045	1037	1042	1060	1068	1050	1136	1093	1096	674	1134	1111	1193	1119	1293	1131	1172	1178	1144	1117	1269	1173	1110	1293	
10	1117	1146	1130	1146	1120	1134	1104	1166	1130	1123	1114	1100	1076	1051	1039	1070	1062	1064	1714	1064	1101	1089	1226	1102	1133	1714	
11	1103	1103	1106	1098	1106	1109	1117	1160	1119	1591	1591	1157	1190	1774	1161	1131	1140	1132	1101	1142	1160	1170	1162	1189	1184	1774	
12	1242	1175	1275	1171	1535	1157	1331	1535	1546	1471	1463	1389	1368	1380	1377	1377	1443	1463	1332	1363	1360	1363	1358	1343	1368	1546	
13	1359	1366	1324	1324	1315	1316	1493	1305	1465	1303	1289	1277	1272	1391	1449	1457	1454	1656	1437	1451	1646	1808	1801	1305	1430	1848	
14	1110	1101	1125	1171	1129	1102	1265	1153	1643	1117	1036	1076	1076	1108	1057	1077	1186	1738	1079	1117	1211	1072	1193	1451	1188	1738	
15	1645	1363	1195	1082	1110	1246	1245	1246	1383	1695	1373	1396	1260	1174	1125	1103	1119	1151	1153	1156	1266	1552	1225	1301	1274	1695	
16	1406	1439	1244	1282	1403	1208	1253	1142	1159	1144	1142	1158	1247	1166	1201	1252	1140	1134	1315	1184	1252	1365	1303	1246	1242	1439	
17	1256	1256	1346	1259	1236	1193	1436	1322	1204	1171	1154	1171	1130	1197	1208	1186	1221	1199	1206	1220	1201	1157	1154	1146	1214	1436	
18	1148	1227	1144	1138	1130	1245	1431	1280	1167	1180	1594	991	1609	1692	1522	1425	1436	1368	1029	1028	1098	1112	1240	1240	1240	1492	
19	1400	1113	1116	1099	1220	1119	1092	1108	1106	1096	1096	1096	1099	1198	1332	1100	1103	1152	1106	1108	1119	1123	1756	1127	1166	1756	
20	1457	1283	1471	1052	1123	1530	1137	1532	1151	1179	1444	1588	1114	1118	1128	1121	1535	1129	1499	1569	202	1242	1224	1227	1293	1588	
21	1451	1209	1359	1178	1182	1177	1181	1204	1174	1161	1161	1161	1161	1182	1201	1174	1188	1212	1231	1247	1225	1170	1196	1210	1451	1210	1451
22	1199	1206	1296	1235	1243	1224	1222	1199	1184	1161	1157	1127	1273	1118	1101	1097	1108	1121	1149	1121	1113	1112	1119	1117	1167	1296	
23	1121	1154	1121	1174	1404	1171	1127	1523	1189	1189	1335	1334	1323	1261	1266	1267	1271	1284	1311	1446	1507	1418	1441	1369	1297	1523	
24	1440	1323	1309	1297	1309	1420	1342	1296	1366	1556	1497	1497	1497	1497	1497	1497	1497	1497	1497	1497	1497	1497	1497	1497	1380	1556	
25	1607	1488	2011	1373	1372	1361	1369	1365	1356	1337	1322	1322	1322	1322	1322	1322	1295	1713	1322	1203	1085	1079	1075	1006	1340	2011	
26	901	859	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901
27	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901
28	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901
29	1186	1202	1214	1218	1233	1381	1530	1478	1455	1384	1390	1351	1332	1337	1601	1407	1453	1584	1344	1355	1317	1510	1216	1194	1361	1601	
30	1164	1163	1155	1156	1216	1223	1318	1222	1358	1341	1201	1201	1201	1267	1201	1216	1406	1421	1229	1327	1209	1205	1204	1204	1230	1406	
31	1227	1237	1241	1258	1256	1373	1311	1512	1300	1349	1541	1415	1583	1398	1356	1340	1421	1452	1484	1456	1505	1503	1469	1434	1393	1583	
AV	1272	1278	1275	1232	1270	1299	1317	1318	1298	1322	1310	1215	1251	1282	1260	1255	1337	1331	1308	1276	1258	1271	1299	1267	1271	1271	
80	162	193	178	130	161	208	230	192	152	193	175	187	118	160	149	149	225	213	143	183	157	187	176	116	120	120	

TOTAL HYDROCARBONS (CC1041)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT.#139
BONANZA, UTAH
SITE 6
FEB, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	1393	1370	1362	1424	1390	1358	1324	1171	1271	1337	CA1	1331	1416	1806	1668	1624	1568	1533	1626	1668	1662	1654	1704	1635	1491	1406
2	1628	1581	1615	1550	1508	1575	1542	1514	1509	1535	1530	1521	1587	1620	1592	1561	2055	1725	2010	1831	1792	1735	1725	1739	1658	2055
3	1744	1735	1744	1733	1873	1863	1849	1829	1836	1790	1804	1769	1708	1613	1665	1736	1663	1817	1880	1801	1849	1775	1701	1760	1773	1840
4	1707	2082	1704	1753	2014	1706	1689	1687	1699	1676	CA1	1736	1780	2127	1926	1943	1869	1934	1960	1987	1980	1874	1873	1863	2137	
5	1723	1699	1549	1502	1818	1591	2273	2100	1672	1826	1426	1587	1626	1699	1653	1881	1483	1822	1943	2121	1833	1695	1702	1597	1742	2273
6	1782	1797	1834	1813	1827	1818	1689	1601	1536	CA1	1381	1765	1748	1601	1611	1819	1950	1956	1841	1814	2396	2157	1966	1897	1809	2396
7	1891	1904	1898	1991	1920	2038	2239	2216	2240	2325	1989	1974	1908	2035	1550	1219	1102	1114	1124	1123	1122	1127	1391	1123	1690	2325
8	1125	1105	1171	1127	1115	1108	1113	1135	1149	1123	CA1	1155	1155	1097	1105	1474	1102	1117	1110	1124	1141	1148	1129	1163	1103	1474
9	1176	1159	1163	1563	1167	1382	1170	1214	1208	1310	1654	1223	1173	1164	1137	1148	205	1356	1533	1554	1420	1358	1365	1367	1300	1654
10	1364	1321	1394	1791	1364	1309	1341	1396	1416	1409	1349	1358	1419	1261	1263	1229	1322	1365	1374	1830	1360	1329	1324	1384	1830	
11	1324	1294	1290	1297	1306	1304	1520	1552	1346	1313	1584	1349	1328	1286	1256	1269	1322	1457	1476	1520	1392	1388	1400	1588	1382	1588
12	1400	1429	1433	1503	1413	1584	1420	1386	1339	1561	CA1	1403	1405	1370	1350	1394	1541	1609	1772	1677	1713	1597	1641	1734	1509	1772
13	1566	1569	1818	1938	1523	1510	1542	1548	1546	1745	2087	2432	2305	2101	1732	1729	1813	1878	1979	2225	2362	2298	2261	2355	1894	2432
14	2238	2252	2448	1892	1872	1840	2005	2317	1821	1782	1814	1778	1694	1760	1787	1814	1829	2203	2234	2053	2052	2068	2176	2133	1994	2448
15	2029	1996	1905	2021	1990	2035	1948	2055	2023	1880	CA1	1850	1751	1690	1582	1563	1547	1629	1709	1928	1694	1702	1664	1687	1821	2055
16	1685	2071	1747	1861	1778	1651	1888	1896	1459	1609	1722	1683	1710	1764	1761	1787	1766	1765	1736	1765	1854	1814	1797	2155	1740	2155
17	1751	1751	1778	1973	1771	1759	1893	1752	1827	1764	1703	1532	1506	1535	1590	1419	1575	1448	1681	1724	1594	1575	1570	1732	1675	1973
18	1466	1440	1505	1582	1309	1419	1744	1636	1563	1423	CA1	1444	1577	1643	1977	1777	1816	1596	1479	1801	1320	1129	1095	1078	1514	1977
19	1064	1090	1150	1155	1175	1244	1178	1111	1112	1112	1089	1119	1174	1167	1550	1171	1164	1095	1270	1067	1077	1127	1070	1133	1153	1550
20	1256	1269	1192	1149	1144	1119	1229	1255	1187	CA1	1058	1130	1524	1411	1282	1153	1079	1073	1099	1078	1090	1115	1115	1054	1177	1524
21	1061	1091	1326	1124	1083	1170	1091	1074	1206	1043	1246	1216	1106	1239	1195	1252	1120	1247	1252	1211	208	1263	1144	1259	1176	1326
22	1470	1125	1164	1129	1123	1159	1143	1155	1235	1174	1112	CA1	1083	1093	1088	1079	1060	1074	1136	1111	1112	1119	1188	1187	1144	1470
23	1077	1082	1330	1175	1134	1227	1144	1122	1121	1071	1075	1105	1148	1070	1064	1082	1100	1092	1087	1073	1127	1168	1106	1258	1127	1330
24	1157	1113	1098	1122	1107	1132	1113	1172	1129	1111	1141	1101	1112	1148	1123	1123	1190	1108	1110	1100	1091	1104	1113	1123	1190	
25	1174	1153	1153	1163	1169	1159	1157	1155	1149	1192	CA1	1775	1117	1186	1161	1138	1129	1450	1410	1162	1158	1263	1298	1280	1775	
26	1206	1234	1155	1208	1187	1436	1366	1096	1165	1168	1045	1665	1512	1403	1296	1244	1433	1231	1258	1351	1529	1542	1297	1501	1315	1665
27	1214	1169	1422	1232	1196	1214	1185	1183	1225	CA1	1665	1197	1197	1110	1172	1475	1207	1408	1318	1331	1331	1301	1392	1246	1280	1665
28	1265	1265	1265	1265	1265	1265	1265	1265	1265	1265	1265	1265	1265	1265	1265	1330	1333	1333	1364	1329	1337	1066	1067	1061	1259	1364
29	1200	1116	1136	1134	1106	1100	1072	1071	1087	1091	1109	1140	1099	1087	1075	1068	1052	1282	1063	1134	1134	1068	1135	1135	1112	1282
AV	1453	1458	1474	1475	1437	1457	1488	1471	1426	1448	1437	1475	1477	1458	1438	1431	1428	1462	1512	1524	1525	1468	1462	1489	1466	()
SD	307.	350.	319.	308.	319.	289.	357.	369.	299.	321.	315.	321.	295.	319.	287.	276.	312.	311.	334.	353.	382.	357.	339.	360.	282.	()

TOTAL HYDROCARBONS [CC1041
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
MAR, 1980
AEROSOL ENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	1003	1114	1120	1109	1058	940.	914.	808.	808.	1020	1142	1142	1161	1203	1156	1142	1153	1168	1189	1177	1179	1071	1228	1247	1099	1247	
2	1223	1231	1606	1225	1244	1221	1227	1211	1689	1233	1249	1284	1318	1354	1351	1282	1247	1206	1392	1391	1217	1139	1130	1127	1283	1689	
3	1115	1148	1140	1174	1165	1195	1177	1210	1274	1876	1849	1207	1805	1835	1516	1542	1456	1286	1128	1116	1254	1104	1206	1232	1307	1835	
4	1655	1402	1366	1321	1279	1143	1124	1206	1243	1137	1092	1119	1098	1109	1136	1068	1067	1379	1425	1294	1229	1425	1294	1229	1227	1655	
5	1164	1160	1134	1127	1254	1146	1120	1118	1343	1095	1247	1372	1563	1449	1595	1580	1846	1539	1471	1457	1404	1559	1403	1354	1846	1846	
6	1341	1322	1287	1189	1206	1225	1271	1255	1209	1264	1092	1084	1066	1077	1110	1115	1106	1212	1070	1079	1072	1271	1237	1092	1177	1341	
7	1174	1123	1280	1111	1094	1328	1328	1378	1167	1381	1218	1041	1114	1124	1138	1251	1210	1147	1098	1186	1090	1095	1095	1095	1121	1189	1381
8	1359	1569	1288	1279	1105	1111	1195	1155	1219	1086	1106	1075	1081	1087	1123	1189	1055	1189	1189	1189	1165	1090	1177	1154	1111	1173	1569
9	1105	1090	1121	1121	1121	1121	1121	1092	1096	1071	1062	1049	1120	1058	1083	1106	1072	1119	1062	1026	1078	1073	1223	1100	1094	1233	
10	1119	1212	1118	1075	968.	1079	1072	1096	1136	1094	1066	1067	1214	1157	1425	1234	1148	1111	1144	1083	1077	1066	1115	1060	1122	1475	
11	1286	1056	1064	1061	1064	1070	1127	1097	1058	1184	1066	1061	1066	1157	1036	1045	1188	1081	1136	1128	1112	1111	1111	1111	1111	1103	1286
12	1064	1143	1045	1038	1037	1046	1050	1033	1056	1106	1041	1095	1068	1073	1070	1092	1055	1045	1043	1057	1075	1241	1090	1084	1075	1241	
13	1088	1106	1241	1241	1174	1098	1085	1095	1113	1066	1189	1056	1058	1041	1030	1104	1159	1172	1268	1389	1094	1096	1271	1053	1137	1389	
14	1046	1039	1037	1039	1043	1046	1046	1059	1144	1140	1041	768.	1039	1155	1065	1130	1163	1169	1258	1321	1057	1096	1058	1095	1087	1321	
15	1029	1032	1068	1039	1218	1030	1049	1167	1167	1100	1100	1105	1123	1104	1056	1151	1127	1257	988.	1093	1161	1045	1030	1009	1094	1257	
16	1122	1255	1013	1020	1032	1030	1032	928.	1032	1030	1020	1012	1017	1017	1029	1001	1023	1024	1028	1028	1033	1119	1143	1295	1053	1295	
17	1535	1577	1099	1094	1115	1072	1072	1081	1093	1093	1089	1102	1129	1252	1238	1385	1138	1171	1140	1243	1136	1292	1288	1166	1192	1577	
18	1314	1088	1089	1093	1157	1091	1157	1123	1223	1223	1198	1195	1188	1156	1164	1159	1144	1142	1154	1168	1174	1155	1176	1798	1190	1798	
19	1155	1155	1167	1165	1158	1145	1147	1149	1138	1041	1100	1064	1076	1110	1126	1106	1296	1055	1064	1092	1083	1080	1242	1122	1130	1296	
20	1078	1090	1090	1116	1097	1124	1118	1112	1105	1172	1087	1061	1054	1015	1083	1047	1068	1116	952.	1212	1089	1081	1081	1081	1089	1212	
21	1058	1060	1078	1062	1066	1147	1148	1075	1153	1147	1062	1185	1155	1132	1150	1146	1049	1030	1036	952.	1077	1112	1093	1077	1094	1145	
22	1211	1243	1068	1186	1054	1062	1257	1350	1138	1166	1143	1130	1048	1115	1090	1102	1075	1093	1090	1088	999.	1066	1083	1297	1131	1350	
23	1122	1090	1243	1262	1089	1130	1170	1123	1096	1073	1057	1146	1066	1055	1037	1005	1056	1046	1055	1072	1039	1071	1163	1143	1100	1262	
24	1092	1077	1079	1069	1068	1095	1064	1537	1096	1070	1070	1070	736.	956.	1070	1070	1003	1003	1070	1070	1031	1031	1031	1031	1068	1537	
25	1258	1056	1059	1117	1071	1093	1177	1093	1355	1147	1068	1078	1081	1056	1098	1008	1008	1009	1075	1076	994.	1031	1056	1086	1355		
26	1146	1404	1058	1250	1045	1038	1037	1048	1043	937.	1012	1045	1069	1044	1022	1022	1030	1060	1062	1046	1081	1055	1054	1057	1069	1404	
27	1070	1223	1055	1052	1053	1055	1056	1077	1149	1118	1042	1048	1034	1069	1009	1018	1033	1022	1026	1028	1049	1087	1070	1141	1066	1233	
28	1100	1020	980.	1053	1056	1065	1170	1059	1056	958.	840.	1044	1047	1043	1033	1036	1041	1049	1052	1049	1053	1084	1092	1042	1170		
29	1087	1092	1092	1093	1088	1088	1087	1200	1092	1094	1072	1060	1040	1144	1080	1170	1125	1053	1058	1060	1029	1085	1084	1064	1049	1200	
30	1076	1098	1116	1068	1070	1069	1138	1309	1316	1271	1110	1363	1134	1026	1022	1017	1025	1065	1102	1358	1072	1049	1057	1149	1128	1363	
31	1057	1092	994.	1248	1240	1259	1099	1104	1088	1070	1041	1345	1260	1126	1136	1085	1179	1064	1175	1168	1284	1053	1082	1094	1139	1345	
AV	1169	1173	1135	1132	1113	1107	1124	1137	1157	1137	1119	1107	1125	1142	1131	1145	1132	1127	1127	1146	1120	1120	1150	1159	1145	1145	
SD	144.	143.	126.	82.3	76.1	74.4	81.0	130.	141.	112.	130.	108.	163.	168.	129.	140.	125.	150.	126.	123.	98.2	100.	110.	140.	74.2	114	

TOTAL HYDROCARBONS (CC:04)
 MICROGRAMS/CUBIC METER

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

APR. 1980

AEROENVIRONMENT INC.

 *
 * FINAL DATA *
 * AS OF 31/MAR/81 *
 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	1044	1112	1045	1129	1089	1074	1096	1169	1145	1067	1062	1070	1119	1115	1056	1077	1065	1061	1089	1113	1090	1092	1091	1176	1094	1176
2	1089	1091	1101	1094	1114	1241	1161	1167	1218	2284	836.	1092	1076	1063	1066	1066	1056	1060	1063	1068	1248	1148	1121	1115	1152	2284
3	1125	1132	1189	1145	1618	1140	1153	1056	1057	1136	1119	1091	1229	1114	1180	1202	1152	1273	1094	1102	1115	1117	1109	1098	1156	1618
4	1209	1129	1104	1108	1178	1118	1096	1136	1128	2150	1000	1117	1186	1102	1070	1079	1103	1120	1108	1100	1132	1116	1116	1098	1164	2150
5	1100	1110	1109	1108	1098	1258	1323	1240	1227	1290	1253	1083	1250	1120	1176	1145	1100	1113	1065	1047	1001	1002	1116	1403	1156	1403
6	1148	1072	1111	1280	1150	1202	1130	1072	1062	1064	1051	1048	1043	1042	1036	1041	1041	1048	1049	1092	1166	1096	1197	1340	1108	1340
7	1191	1156	1070	1076	1098	1083	1101	1167	1082	1089	1100	1011	1149	1101	1148	1026	1146	1143	1143	1143	1137	1143	1145	1137	1108	1191
8	1138	1134	1140	1146	1161	1161	1161	1164	1191	1149	1149	1140	1133	1119	1125	1017	1111	1104	1108	1109	1105	1110	1111	1111	1125	1191
9	1110	1120	1116	1091	927.																				1073	1120
10	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)
11	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)
12	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)
13	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)
14	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)
15	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)
16	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)
17	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)
18	1287	1216	1288	1216	1288	1217	1288	1389	1414	1375	1320	1281	1275	1301	1288	1270	1404	1294	1292	1344	1303	1312	1297	1303	1375	1551
19	1316	1303	1315	1322	1354	1316	1320	1318	1394	1335	1316	1298	1282	1296	1417	1299	1394	1366	1362	1280	1280	1294	1310	1288	1326	1417
20	1303	1351	1301	1227	1422	1360	1303	1297	1389	1874	1682	1558	1330	1257	1370	1258	1258	1561	1878	1310	1325	1404	1321	1531	1411	1878
21	1546	1281	1241	1486	1764	1584	1284	1378	1261	1376	1251	1284	1301	1236	1225	1204	1219	1255	1293	1277	1565	1272	1223	1263	1335	1764
22	1410	1418	1267	1406	1301	1240	1279	1761	1246	1337	3359	1763	2171	1302	1222	1223	1208	1440	1306	1235	1243	1310	1282	1247	1457	3359
23	1325	1227	1241	1238	1299	1356	1360	1294	1384	1447	1379	1249	1466	1241	1268	1241	1268	1261	1242	1242	1250	1299	1301	1617	1326	1617
24	1275	1275	1263	1443	1269	1389	1403	1271	1268	1237	1241	1295	1267	1255	1231	1221	1214	1233	1230	1244	1270	1269	1287	1301	1279	1443
25	1288	1310	1263	1294	1260	1280	1284	1271	1250	1262	1266	1271	1293	1275	1274	1451	1277	1250	1254	1268	1248	1254	1269	1263	1278	1451
26	1300	1297	1311	1275	1273	1281	1296	1277	1274	1319	1429	1335	1267	1410	1235	1229	1231	1396	1227	1227	1263	1278	1257	1249	1293	1429
27	1313	1233	1254	1267	1265	1448	1337	1699	1491	1396	1275	1226	1237	1310	1316	1366	1288	1290	1571	1227	1236	1320	1541	1221	1339	1699
28	1236	1237	1229	1328	1230	1251	1497	1281	1282	1253	1423	1279	1286	1326	1284	1301	1386	1249	1206	1187	1231	1214	1229	1368	1293	1497
29	1349	1320	1280	1245	1261	1251	1529	1759	1218	1222	1290	1310	798.	1231	1226	1202	1184	1223	1298	1442	1237	1293	1280	1210	1277	1759
AV	1243	1215	1202	1233	1258	1262	1271	1304	1249	1378	1345	1271	1247	1230	1216	1204	1213	1238	1266	1215	1236	1222	1235	1270	1246	()
SO	119.	96.1	86.2	113.	178.	172.	122.	205.	118.	332.	508.	183.	243.	114.	103.	119.	111.	140.	195.	111.	132.	101.	106.	132.	110.	()

TOTAL HYDROCARBONS (CC104)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
MAY, 1980
AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAY/81 *

DAY	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	
	CLOCK HOUR (LOCAL STANDARD TIME)																										
1	1210	1279	1216	1208	1199	1243	1480	1321	1280	1290	1294	1258	1267	1257	1302	1266	1229	1357	1237	511.	1237	1244	1242	1269	1237	1480	
2	1241	1251	1230	1220	1210	1260	1252	1328	1322	1424	1424	()	()	()	()	()	()	()	()	()	()	()	()	()	()	1274	1424
3	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
4	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
5	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
6	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
7	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
8	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
9	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
10	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
11	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
12	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
13	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
14	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
15	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
16	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
17	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
18	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
19	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
20	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
21	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
22	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
23	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
24	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
25	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
26	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
27	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
28	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
29	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
30	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
31	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
AV	1225	1265	1223	1214	1205	1252	1366	1325	1301	1290	1359	1258	1267	1257	1302	1266	1229	1357	1237	511.	1237	1244	1242	1269	1256	()	
SD	15.7	14.1	7.2	5.5	5.5	8.5	114.	3.6	20.9	.0	65.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.2	

ABOUT (29 JAN 81)

HYDROCARBONS (CORRECTED FOR CH4) (CC:05)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #1139
 BONANZA, UTAH
 SITE 6
 JAN, 1980
 AEROVIRUMFNT INC.

 * FICAL DATA *
 * AS OF 15/APR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	131	0	131	66	66	0	131	0	66	66	0	66	0	0	66	66	66	66	0	66	66	66	66	49	131	
2	0	66	66	0	0	0	0	66	66	0	66	66	0	66	66	66	66	66	66	66	66	66	66	66	66	57	458	
3	66	66	131	66	66	197	131	131	197	131	131	131	66	66	66	66	66	66	66	66	66	66	66	66	66	85	197	
4	66	66	131	197	66	131	66	0	66	66	66	66	197	66	66	131	66	66	66	66	197	66	66	66	66	86	197	
5	66	66	66	262	131	197	66	66	66	66	66	66	66	66	66	66	131	66	66	66	328	197	66	66	66	112	328	
6	66	66	66	66	131	262	197	197	131	197	131	0	66	66	0	0	0	0	458	0	0	0	0	131	131	98	458	
7	66	524	0	0	0	131	0	0	66	66	66	66	66	66	0	0	66	66	66	66	0	0	0	0	197	46	524	
8	0	0	0	66	328	524	458	328	197	262	328	66	0	66	0	328	655	524	0	0	0	0	328	66	189	655		
9	0	0	0	0	0	0	0	0	0	0	0	0	0	66	0	0	131	0	0	0	0	0	66	0	11	131		
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	590	0	0	0	0	0	0	27	590		
11	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66	0	0	0	0	66	0	66	0	66	40	393		
12	131	66	131	66	458	66	66	66	197	131	131	66	66	66	131	131	197	197	66	131	131	66	66	66	126	458		
13	66	131	66	66	66	66	262	66	262	66	66	66	66	131	66	131	131	328	131	66	131	262	197	66	123	328		
14	66	66	66	131	131	66	197	131	197	66	0	66	66	66	0	0	131	66	0	0	131	0	66	262	80	262		
15	66	66	66	0	0	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	109	328	
16	262	328	131	131	262	131	197	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	85	328	
17	66	66	197	66	66	66	328	197	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	109	328	
18	66	131	66	66	66	66	197	328	197	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	52	197	
19	131	66	66	66	66	131	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	114	524	
20	458	197	393	0	0	393	0	393	0	66	393	524	0	66	66	0	393	0	458	524	66	66	66	66	66	191	524	
21	262	66	262	66	0	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	77	262	
22	66	66	131	66	131	131	131	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	71	197	
23	66	66	66	66	66	66	66	262	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	71	197	
24	262	131	131	131	66	262	131	131	197	393	328	66	66	66	131	262	66	66	66	66	66	66	66	66	66	145	393	
25	262	66	590	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	111	590	
26	197	0	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	99	197	
27	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	99	197	
28	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	(F0)	101	458	
29	0	0	0	0	0	131	66	66	66	66	66	66	66	66	197	66	131	262	66	66	66	66	66	66	66	66	262	
30	0	0	0	0	0	0	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	29	328	
31	0	0	0	0	0	0	66	131	0	66	197	66	262	131	66	66	66	66	66	66	66	66	66	66	66	66	63	262
AV	95	R2	103	61	89	115	115	108	R2	106	143	69	73	75	64	63	120	91	104	84	66	75	73	68	68	88	1	
SO	109	108	128	65	110	121	114	99	71	115	140	106	71	64	53	80	145	141	145	131	71	86	76	63	63	42	1	

ADJUST (21 JAN 81)

HYDROCARBONS (CORRECTED FOR CH4) ICC1051
 MICROGRAMS/CUBIC METER

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

FEB, 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 15/APR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	66	66	66	66	66	66	66	0	0	66	[CA]	0	66	197	131	131	66	131	131	131	131	131	131	131	131	91	197
2	131	131	131	197	66	197	66	131	66	131	131	66	131	131	131	131	393	131	131	131	131	131	131	131	131	153	393
3	197	197	197	197	328	328	328	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	204	328
4	197	590	197	131	197	197	197	131	197	131	[CA]	197	197	197	197	197	262	262	262	262	262	262	262	262	262	234	590
5	197	131	131	131	262	328	393	458	197	197	66	197	197	197	197	131	131	131	197	262	458	197	197	197	197	210	458
6	197	197	0	131	197	262	197	197	131	[CA]	262	197	262	197	197	262	262	262	262	262	262	262	262	262	262	234	524
7	328	328	328	393	262	328	393	393	393	458	328	328	458	197	0	66	66	66	66	66	66	66	66	66	66	249	458
8	66	66	66	66	0	0	0	0	0	0	[CA]	197	197	0	197	0	66	66	66	66	66	66	66	66	66	46	197
9	66	66	66	393	66	131	66	66	66	131	458	66	66	66	66	66	66	66	66	66	66	66	66	66	66	46	197
10	131	131	131	131	131	131	131	131	131	131	131	131	197	197	66	66	66	66	66	66	66	66	66	66	66	112	458
11	66	66	66	131	66	66	328	197	131	131	131	458	131	66	66	66	66	66	66	66	66	66	66	66	66	153	590
12	131	131	131	197	131	131	131	131	131	197	[CA]	197	197	131	131	131	131	131	131	131	131	131	131	131	131	148	458
13	131	131	131	590	131	131	131	197	197	328	655	983	917	328	328	262	262	262	262	262	262	262	262	262	262	188	328
14	393	393	590	328	328	262	262	262	262	262	197	197	262	262	262	262	262	262	262	262	262	262	262	262	262	325	917
15	328	262	131	328	328	328	262	458	393	262	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	339	655
16	262	262	328	131	328	197	66	458	0	197	328	262	262	262	262	262	262	262	262	262	262	262	262	262	262	279	458
17	262	197	262	458	262	197	262	393	262	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	243	458
18	197	197	328	262	197	197	262	197	197	197	[CA]	197	197	0	393	197	328	262	262	262	262	262	262	262	262	276	458
19	66	66	66	131	131	197	131	0	66	66	66	131	131	131	590	197	197	131	262	197	262	131	66	66	66	205	393
20	131	131	131	131	131	131	197	262	131	[CA]	0	66	66	66	66	66	66	66	66	66	66	66	66	66	66	131	590
21	66	66	328	131	66	131	66	66	131	66	131	66	131	131	131	131	131	131	131	131	131	131	131	131	131	151	458
22	393	66	131	66	66	66	131	131	197	66	262	262	131	262	197	262	131	131	131	66	66	66	66	66	66	150	328
23	66	66	328	197	131	197	131	131	197	131	66	[CA]	66	66	66	66	66	66	66	66	66	66	66	66	66	117	393
24	131	66	66	197	66	66	66	66	66	66	0	66	131	66	66	66	66	66	66	66	66	66	66	66	66	104	328
25	131	66	66	66	66	66	66	66	66	66	131	66	66	66	66	66	66	66	66	66	66	66	66	66	66	93	262
26	131	262	0	131	66	328	328	0	66	66	131	[CA]	393	0	66	66	66	66	66	66	66	66	66	66	66	120	393
27	131	131	262	197	66	66	66	66	66	66	0	328	197	197	131	131	328	131	131	262	393	524	131	131	194	524	
28	66	66	66	66	66	66	66	66	66	66	131	[CA]	197	66	66	66	66	66	66	66	66	66	66	66	66	148	458
29	197	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	93	197
AV	167	158	181	192	145	179	174	170	149	146	191	169	206	158	179	158	154	176	201	185	201	176	167	204	175	1	1
SD	97	120	151	131	98	100	116	133	104	102	163	91	167	119	125	92	101	128	126	131	147	115	112	133	74	1	1

AMOUNT 121 JAN 81

HYDROCARBONS (CORRECTED FOR CH4) (CC105)
 MICROGRAMS/CUBIC METER

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

MAR, 1980

AEROSOL ENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 15/APH/81 *
 * *****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	PFAK	
1	66	66	66	66	0	786	590	655	655	524	66	66	66	66	66	131	66	66	131	66	66	0	131	131	191	786	
2	131	131	524	131	131	131	131	66	524	66	131	131	131	131	131	131	131	131	328	328	131	66	131	131	172	524	
3	131	131	131	131	131	131	131	197	393	393	[CA]	131	720	786	458	524	393	262	66	66	197	66	197	197	251	786	
4	590	328	328	262	262	66	66	66	66	131	197	66	66	66	66	66	0	328	66	262	393	262	197	175	590		
5	131	131	66	66	197	66	66	66	328	66	197	[CA]	328	524	393	524	524	328	458	393	393	328	524	393	282	524	
6	262	262	262	131	131	131	197	131	197	131	197	0	0	0	0	0	0	131	0	0	0	197	131	0	101	262	
7	66	0	197	0	0	197	131	197	66	262	131	[CA]	0	0	0	66	66	0	0	0	0	[CA]	0	0	63	262	
8	262	458	197	197	0	0	66	66	131	0	0	0	0	0	0	66	131	0	131	131	66	0	66	66	85	458	
9	0	0	0	0	0	0	0	0	0	0	0	0	131	0	0	66	0	0	0	0	0	0	131	0	14	131	
10	0	131	0	0	0	0	0	0	0	0	0	0	0	0	328	131	0	66	0	66	0	0	0	0	27	328	
11	0	0	0	0	0	0	66	0	0	131	0	0	131	0	0	131	0	66	66	66	66	66	66	66	36	131	
12	0	66	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	131	0	0	9	131	
13	0	0	131	131	131	0	0	0	0	0	66	0	0	0	0	0	0	0	328	0	0	0	197	0	41	328	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	131	131	197	262	0	0	0	0	34	262	
15	0	0	0	0	131	0	0	66	66	0	0	66	0	0	0	131	66	197	0	66	131	0	0	0	38	197	
16	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	197	10	197	
17	393	458	0	0	0	0	0	0	0	0	[CA]	0	0	0	66	131	131	0	0	66	0	66	131	0	63	458	
18	0	0	0	0	0	0	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0	66	0	0	27	524	
19	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	197	0	0	0	0	0	0	0	66	0	11	197	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	0	0	0	0	0	0	3	66	
21	0	0	0	0	0	66	0	0	0	[CA]	66	66	0	0	0	0	0	0	0	0	0	0	0	0	9	66	
22	0	197	0	0	0	0	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	197	
23	0	0	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	66	
24	0	0	0	0	0	0	0	328	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	328	
25	66	0	0	0	0	0	0	197	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	13	197	
26	0	131	0	66	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	4	131	
27	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	66	
28	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	66	66	0	0	197	0	0	0	0	0	0	0	0	0	0	0	0	14	197	
31	0	0	0	131	66	66	0	0	0	0	[CA]	197	66	0	0	0	0	0	0	66	131	0	0	0	31	197	
AV	68	85	63	44	38	55	49	66	83	66	28	32	49	61	52	68	59	42	57	64	47	44	70	61	56	1	
SD	135	129	121	69	70	145	112	133	155	131	52	59	139	169	120	132	121	84	115	109	91	95	112	123	75	1	

HYDROCARBONS (CORRECTED FOR CH4) [CC105]
 MICROGRAMS/CUBIC METER

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

APR. 1980
 AFROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 15/APR/81 *

CLUCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	3	66
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	66
3	0	0	0	0	0	0	0	0	0	0	0	0	66	0	0	66	0	0	0	0	0	0	0	0	0	16	262
4	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131	0	0	0	0	0	0	0	9	131
5	0	0	0	0	0	66	131	66	0	131	66	0	131	0	66	66	0	0	0	0	0	0	0	0	262	41	262
6	0	0	0	131	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	0	66	197	25	197	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	66
8	0	0	0	0	0	0	0	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	66
9	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	13	66
10	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	()	()
11	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	()	()
12	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	()	()
13	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	()	()
14	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	()	()
15	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	()	()
16	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	()	()
17	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	()	()
18	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	()	()
19	0	0	0	0	0	0	0	66	66	0	0	0	0	0	0	66	66	66	262	131	197	0	0	0	0	61	262
20	0	0	0	66	66	66	0	66	66	0	0	131	0	0	0	131	0	0	0	66	0	0	0	0	14	131	
21	0	131	66	0	197	131	66	131	590	458	262	66	0	0	131	66	131	131	131	66	66	0	66	66	55	131	
22	328	0	0	197	524	328	0	131	0	131	0	0	0	0	0	0	0	328	655	66	66	131	0	262	156	655	
23	197	197	0	131	0	0	66	524	0	197	458	393	0	0	0	0	0	66	66	328	66	66	0	0	93	524	
24	131	66	66	66	131	197	197	131	66	66	66	458	66	197	66	66	66	328	131	66	66	66	66	66	131	524	
25	66	66	66	262	66	197	197	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	393	114	458
26	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
27	66	131	131	131	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
28	131	66	66	131	131	197	131	393	197	131	66	66	66	0	131	197	131	131	393	66	131	197	393	66	66	150	393
29	66	66	66	131	66	131	328	131	66	66	262	131	131	197	131	131	262	131	66	66	66	66	66	66	66	129	328
30	197	66	66	66	131	131	393	590	66	66	131	197	0	66	66	66	66	66	131	328	66	131	131	0	131	590	
AV	63	38	28	66	88	82	89	118	43	95	97	95	44	44	41	53	47	78	103	59	66	47	56	91	65	1	
50	87	56	38	76	120	90	114	170	52	133	148	133	55	71	47	69	70	98	157	75	76	58	69	113	54	1	

 * FINAL DATA *
 * AS OF 15/APR/81 *
 * *****

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6
 MAY, 1980
 AEROVIRONMENT INC.

HYDROCARBONS (CORRECTED FOR CH4) (CC105)
 MICROGRAMS/CUBIC METER

DAY	CLOCK HOUR (LOCAL STANDARD TIME)																								AVE	PEAK	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
1	66	131	66	66	66	66	66	66	131	131	66	66	66	66	131	131	66	197	66	0	66	66	131	131	99	328	
2	131	66	66	66	66	66	66	131	131	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	79	131
3	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
4	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
5	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
6	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
7	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
8	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
9	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
10	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
11	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
12	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
13	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
14	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
15	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
16	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
17	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
18	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
19	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
20	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
21	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
22	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
23	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
24	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
25	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
26	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
27	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
28	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
29	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
30	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
31	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()
AV	99	99	66	66	66	66	66	99	131	99	66	66	66	66	131	131	66	197	66	0	66	66	131	131	89	328	
SD	33	33	0	0	0	0	0	33	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AUGUST [21 JAN 81]

METHANE [CC1061]
 MICROGRAMS/CUBIC METR

WHITE RIVER SHALE PROJECT, #139
 RONANZA, UTAH
 SITE 6
 JAN, 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	1174	1176	1188	1166	1173	1174	1172	1179	1166	1184	1187	1191	1185	1176	1189	1197	1258	1330	1339	1300	1250	1210	1243	1276	1212	1339		
2	1299	1231	1231	1299	1299	1299	1230	1230	1230	1230	1230	1229	1229	1229	1229	1231	1244	1245	1249	1163	1282	1304	1309	1306	1253	1309		
3	1290	1310	1288	1233	1219	1208	1251	1257	1251	1249	1244	1260	1244	1238	1235	1233	1223	1244	1233	1222	1225	1241	1252	1250	1244	1310		
4	1216	1220	1221	1214	1216	1202	1235	1242	1220	1214	1214	1157	1212	1221	1216	1239	1242	1277	1268	1344	1364	1381	1361	1255	1381			
5	1341	1351	1353	1339	1330	1306	1310	1289	1294	1292	1279	1272	1245	1222	1235	1243	1304	1311	1484	1284	1295	1295	1295	1295	1309	1502		
6	1269	1264	1256	1241	1262	1332	1323	1294	1257	1224	1123	1060	1108	1140	1077	1064	1066	1065	1083	1070	1077	1088	1075	1083	1163	1332		
7	1072	1075	1073	1083	1077	1085	1077	1094	1100	1160	1288	1288	1231	1262	1282	1996	1751	1754	1194	1170	1155	1149	1149	1149	1244	1996		
8	1212	1233	1295	1377	1476	1642	1863	1671	1415	1485	1425	1293	1556	1543	1428	1333	1186	1312	1265	1182	1154	1142	1147	1138	1366	1863		
9	1125	1147	1146	1139	1134	1130	1129	1123	1117	1119	1136	796	1157	1156	1158	1394	1162	1174	1193	1190	1188	1145	1173	1169	1146	1394		
10	1165	1163	1152	1157	1134	1126	1126	1128	1132	1118	1118	1104	1116	1139	1146	1116	1163	1173	1143	1143	1219	1194	1212	1218	1154	1219		
11	1214	1225	1211	1211	1211	1210	1220	1227	1226	1210	1210	1073	1072	1094	1103	1111	1108	1141	1107	1134	1134	1135	1157	1146	1157	1227		
12	1130	1135	1123	1129	1091	1121	1262	1350	1337	1341	1335	1296	1277	1263	1263	1260	1261	1246	1258	1261	1272	1280	1269	1244	1350			
13	1244	1233	1246	1248	1240	1235	1217	1234	1216	1222	1219	1198	1194	1269	1356	1342	1345	1354	1329	1355	1488	1615	1653	1216	1303	1653		
14	1019	1026	1029	1034	1026	1035	1041	1028	1029	1070	1066	1066	1034	1041	1064	1070	1046	1072	1102	1065	1079	1100	1216	1076	1429			
15	1594	1290	1141	1078	1083	1195	1186	1178	1288	1602	1307	1201	1111	1071	1058	1081	1111	1120	1116	1195	1175	1132	1142	1198	1602			
16	1140	1116	1127	1125	1112	1098	1089	1100	1123	1114	1092	1091	1178	1121	1150	1181	1111	1103	1112	1132	1172	1280	1186	1171	1134	1280		
17	1168	1161	1177	1191	1170	1136	1126	1134	1131	1135	1110	1083	1087	1141	1161	1727	1158	1146	1132	1155	1129	1101	1108	1102	1161	1727		
18	1103	1098	1081	1072	1081	1075	1073	1092	1096	1104	1057	1041	943	1424	1558	1408	1307	1901	1299	1073	1102	1058	1071	1285	1190	1901		
19	1292	1063	1070	1051	1094	1048	1035	1070	1070	1288	1068	1167	1063	1178	1162	1072	1073	1125	1078	1078	1084	1087	1053	1085	1102	1292		
20	975	1092	1053	1053	1122	1122	1122	1122	1122	1121	1053	1053	1085	1080	1080	1094	1121	1121	1052	1051	1136	1170	1165	1154	1097	1170		
21	1158	1129	1120	1121	1156	1124	1134	1120	1125	1119	1041	1134	1124	1113	1117	1123	1127	1137	1153	1160	1150	1116	1132	1143	1132	1160		
22	1129	1136	1179	1145	1143	1125	1123	1132	1111	1092	1084	1078	1066	1053	1056	1067	1062	1084	1109	1089	1096	1070	1072	1085	1099	1179		
23	1088	1087	1074	1101	1203	1083	1061	1263	1134	1141	1170	1147	1176	1149	1170	1178	1180	1197	1209	1250	1252	1280	1212	1193	1168	1280		
24	1183	1217	1201	1186	1222	1182	1182	1182	1182	1182	1182	1230	1261	1250	1280	1280	1261	1282	1288	1269	1297	1295	1286	1300	1235	1300		
25	1362	1428	1443	1299	1288	1272	1289	1273	1270	1254	1248	1028	1203	1203	1193	1227	1220	1201	1171	1093	1066	1057	1049	1223	1443			
26	727	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881	881		
27	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01		
28	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01	F01		
29	1191	1193	1218	1205	1233	1256	1465	1435	1425	1340	1349	1299	1266	1292	1374	1334	1305	1305	1305	1305	1305	1237	1193	1162	1190			
30	1182	1187	1173	1178	1220	1237	1275	1219	1289	1261	851	1262	1223	1256	1497	1214	1230	1234	1231	1349	1246	1208	1225	1220	1226	1497		
31	1239	1243	1244	1248	1248	1261	1730	1277	1361	1284	1267	1358	1325	1315	1277	1282	1271	1343	1365	1392	1383	1423	1582	1354	1907			
AV	1183	1176	1193	1176	1191	1208	1210	1215	1216	1221	1177	1173	1176	1197	1216	1224	1218	1246	1240	1203	1207	1209	1212	1205	1191	1191		
90	144	105	92	9	87	6	94	1	154	159	129	102	128	119	114	107	126	138	168	182	108	99	5	123	137	97	5	104

METHANE ICC061

MICROGRAMS/CUBIC METER

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

FEB, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR LOCAL STANDARD TIME

DAY	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	1333	1308	1301	1343	1335	1303	1273	1400	1265	1295	1CA1	1943	1330	1620	1530	1502	1473	1429	1503	1541	1535	1527	1523	1510	1440	1943	
2	1510	1474	1486	1465	1455	1533	1451	1411	1416	1438	1427	1424	1455	1499	1478	1453	1674	1569	1622	1615	1546	1570	1571	1545	1504	1474	
3	1554	1550	1555	1559	1560	1534	1549	1602	1632	1571	1580	1573	1523	1462	1499	1552	1493	1613	1592	1616	1605	1578	2126	1551	1585	2126	
4	1525	1490	1510	1526	1456	1535	1511	1529	1518	1566	1CA1	1538	1561	1624	1654	1676	1672	1656	1665	1719	1749	1728	1649	1620	1629	1456	
5	1549	1536	1434	1391	1588	1264	1305	1661	1503	1601	1347	1400	1453	1495	1474	1256	1357	1607	1702	1675	1634	1529	1476	1575	1492	1702	
6	1566	1582	2068	1655	1607	1544	1501	1423	1375	1CA1	1092	1540	1426	1626	1566	1639	1685	1599	1566	1867	1807	1665	1604	1581	2068	1581	
7	1596	1603	1599	1622	1651	1708	1863	1847	1846	1843	1658	1639	1609	1578	1349	1491	1056	1071	1085	1098	1079	1082	1094	1087	1465	1463	
8	1083	1070	1087	1082	1096	1092	1103	1111	1113	1114	1CA1	979	979	1081	1081	1294	1087	1079	1097	1107	1115	1123	1116	1110	1121	1096	1294
9	1114	1121	1113	1163	1124	1224	1132	1134	1131	1173	1180	1147	1110	1112	1102	1116	1168	1267	1408	1396	1321	1263	1240	1263	1188	1408	
10	1262	1208	1286	1189	1260	1197	1226	1275	1284	1275	1223	1174	1202	1174	1176	1163	1243	1240	1271	1267	1240	1240	1244	1243	1233	1286	
11	1233	1210	1206	1199	1212	1216	1201	1360	1220	1208	1143	1225	1231	1194	1179	1186	1213	1315	1309	1351	1265	1267	1273	1220	1235	1360	
12	1280	1276	1284	1339	1289	1244	1260	1252	1274	1340	1CA1	1228	1250	1247	1232	1284	1387	1421	1417	1431	1451	1421	1418	1419	1322	1451	
13	1409	1408	1242	1385	1366	1369	1412	1379	1373	1406	1408	1464	1407	1751	1437	1474	1554	1620	1496	1661	1956	1920	1871	1842	1542	1956	
14	1667	1682	1659	1588	1573	1556	1520	1488	1542	1594	1604	1491	1461	1516	1529	1547	1564	1565	1649	1738	1744	1726	1736	1747	1629	1682	
15	1730	1705	1761	1715	1692	1698	1678	1613	1616	1590	1CA1	1552	1500	1462	1380	1375	1370	1421	1471	1470	1446	1453	1431	1438	1544	1761	
16	1453	1338	1450	1701	1455	1436	1420	1440	1453	1423	1412	1451	1477	1470	1517	1525	1518	1537	1519	1539	1535	1523	1526	1454	1499	1420	
17	1510	1523	1515	1504	1518	1518	1506	1514	1459	1512	1491	1353	1323	1356	1315	1254	1466	1212	1291	1373	1305	1308	1294	1292	1405	1523	
18	1300	1276	1210	1318	1086	1210	1508	1425	1361	1257	1CA1	1239	1370	1630	1581	1554	1484	1344	1279	1053	1059	993	1005	1003	1298	1430	
19	999	998	1055	1051	1045	1059	1043	1174	1043	1043	1018	994	1062	1005	977	987	986	988	990	988	992	1001	1002	1037	1022	1174	
20	1151	1135	1087	1032	1001	999	1004	999	1050	1CA1	1043	978	1043	1043	984	975	1010	1012	1017	1178	1032	990	997	997	1033	1178	
21	1004	996	1003	1005	1008	1024	1021	1017	1001	1001	995	986	985	986	989	988	1011	1130	1143	1107	1119	1061	1056	1043	1028	1143	
22	1056	1043	1035	1040	1055	1069	1042	1051	1044	1025	1030	1CA1	1024	1027	1018	1020	999	1023	1031	1025	1020	1018	1021	906	1027	1069	
23	1001	1018	1005	1011	1002	1007	1015	1014	1043	1043	1043	1043	1043	1043	1019	1009	1021	1022	1016	1025	1022	1017	1025	1019	1043	1022	1043
24	1041	1042	1041	931	1043	1059	1061	1056	1063	1073	1026	1045	1055	1070	943	1042	1042	933	1047	1032	1039	1056	1043	1045	1035	1073	
25	1070	1073	1085	1091	1096	1092	1098	1089	1066	1043	1CA1	1400	1143	1091	1078	1062	1064	1092	1058	1068	1068	1065	1083	1083	1093	1400	
26	1081	981	1138	1084	1091	1095	1086	1068	1083	1083	1611	1362	1352	1237	1164	1126	1108	1108	1108	1108	1108	1023	1134	1117	1143	1611	
27	1110	1091	1129	1006	1108	1117	1096	1068	1103	1CA1	1499	1108	1108	1108	1060	1087	1092	1107	1172	1242	1173	1170	1180	1119	1129	1499	
28	1173	1173	1173	1173	1108	1108	1173	1108	1173	1173	1173	1173	1173	1108	1239	1173	1239	1173	1166	1157	1199	1005	1002	998	1146	1239	
29	1034	1049	1070	1072	1054	1039	1017	1024	1034	1033	1037	1059	1026	1014	1012	1013	1006	1235	1012	1173	1173	1042	1053	941	1051	1235	
AV	1296	1281	1303	1284	1290	1271	1290	1297	1275	1297	1265	1300	1276	1298	1263	1269	1277	1288	1310	1329	1324	1305	1305	1271	1290	1310	
90	242	243	271	241	248	219	250	230	223	232	226	243	197	245	232	219	235	237	242	255	279	280	297	262	216	111	

METHANE [CC10.6]

MICROGRAMS/CUBIC METER

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

MAR. 1980

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 31/MAR/81 *
*

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	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	957.	1062	1051	1037	1034	130.	326.	130.	130.	521.	1108	1108	1108	1108	1076	1077	1068.	1079	1079	1080	1096	1108	1104	1105	901.	1108
2	1108	1112	1108	1119	1125	1120	1124	1123	1173	1142	1140	1168	1210	1219	1197	1153	1108	1084	1069	1075	1071	1043	1019	1016	1118	1219
3	1009	1006	1006	1015	1037	1003	1036	1042	1108	1108	CAI	1108	1053	1033	1030	1026	1034	1036	1046	1043	1045	1039	1039	1045	1041	1108
4	1040	1051	1047	1053	1045	1048	1056	1054	1051	1053	1047	1032	1047	1058	1063	1049	1049	1049	1049	1071	1056	1041	1055	1057	1051	1071
5	1062	1055	1051	1051	1051	1051	1053	1061	1032	1059	1053	CAI	1045	1031	1044	1044	1053	1140	1054	1049	1047	1055	1055	1042	1054	1140
6	1053	1044	1047	1088	1066	1045	1057	1059	1049	1064	1062	1064	1073	1068	1095	1106	1081	1085	1065	1053	1068	1077	1080	1088	1068	1106
7	1077	1098	1094	1088	1068	1126	1192	1192	1127	1127	1062	CAI	1094	1098	1109	1173	1190	1058	1083	1168	1101	1113	1110	1110	1115	1192
8	1098	1103	1117	1109	1106	1094	1117	1100	1092	1087	1081	1077	1098	1087	1109	1067	1068	1078	1085	1080	1100	1097	1102	1110	1094	1117
9	1100	1087	1104	1091	1090	1107	1104	1101	1100	1087	1077	1081	988.	1073	1074	1068	1076	1305	1085	1073	1075	1081	1081	1086	1091	1305
10	1098	1086	1092	1085	1074	1098	1098	1106	1121	1099	1086	1086	1212	1161	1116	1129	1155	1128	1089	1082	1062	1075	1300	1065	1113	1300
11	1357	1073	1070	1084	1081	1081	1079	1108	1070	1077	1075	1071	1076	1056	1061	1046	1056	1069	1073	1062	1016	1017	1017	1017	1017	1017
12	1053	1081	1082	1054	1077	1089	1085	1074	1100	1127	CAI	1115	1103	1100	1157	1094	1085	1082	1086	1085	1100	1100	1102	1091	1092	1157
13	1100	1099	1098	1109	1043	1119	1115	1117	1122	1104	1092	1094	1092	1080	1072	1121	1187	1229	1236	1081	1073	1083	1076	1078	1109	1236
14	1078	1079	1076	1072	1085	1082	1089	1081	1125	1122	CAI	1028	1081	1187	1116	1061	1041	1030	1052	1058	1061	1071	1068	1065	1079	1187
15	1072	1072	1066	1060	1062	1061	1070	1072	1089	1077	1148	1056	1157	1112	1066	1039	1037	1047	968.	1054	1056	1068	1072	1070	1069	1157
16	1117	1193	1073	1088	1085	1096	1082	1103	1079	1094	1092	1090	1078	1077	1086	1227	1129	1102	1091	1096	1094	1100	1108	1110	1104	1227
17	1113	1117	1111	1098	1120	1129	1132	1118	1108	1108	CAI	1109	1175	1176	1109	1252	1396	1161	1153	1168	1107	1221	1173	1182	1157	1396
18	1330	1167	1183	1172	1275	1192	1340	1175	1180	1220	1255	1237	1247	1174	1229	1222	1212	1216	1218	1231	1231	1115	1249	1249	1222	1340
19	1249	1273	1226	1232	1222	1222	1205	1213	1218	CAI	1070	1151	1155	1179	1200	1199	1119	1151	1167	1187	1181	1182	1174	1187	1190	1273
20	1180	1189	1187	1183	1191	1220	1222	1207	1199	1187	1183	1171	1163	1190	1190	1165	1159	1167	1191	1158	1169	1304	1165	1138	1186	1304
21	1163	1171	1170	1177	1168	1092	1195	1176	1207	CAI	1004	1148	1151	1141	1138	1248	1134	1154	1165	1196	1177	1169	1169	1167	1166	1248
22	1306	1056	1172	1163	1167	1165	1184	1282	1239	1260	1266	1199	1199	1169	1158	1155	1133	1167	1175	1191	1518	1178	1171	1410	1212	1518
23	1181	1176	1179	1203	1176	1482	1179	1176	1191	1234	1165	1172	1160	1165	1158	1138	1158	1168	1175	1412	1392	1168	1172	1673	1227	1673
24	1201	1190	1191	1168	1195	1184	1182	1225	1187	1161	1141	1142	805.	CAI	1146	1138	1200	1028	1147	1503	1159	1170	1146	1149	1164	1503
25	1163	1167	1152	1189	1174	1170	1184	1182	1179	1172	1147	1142	1158	CAI	CAI	CAI	CAI	1120	1138	1375	1544	1455	1161	1153	1206	1544
26	1155	1267	1154	1170	1164	1161	1165	1172	1165	1719	1448	1148	1144	1146	1142	1136	1149	1156	1159	1167	1143	1162	1165	1169	1197	1719
27	1161	1144	1156	1167	1159	1155	1155	1168	1171	1169	1149	1133	1131	1129	1115	1360	1151	1148	1157	1135	1143	1138	1141	1161	1158	1360
28	1148	1136	1144	1184	1167	1176	1165	1168	1169	CAI	1203	1162	1161	1163	1160	1076	1153	1159	1149	1159	1164	1167	1247	1157	1162	1247
29	1163	1392	1174	1402	1180	1169	1172	1181	1185	1177	1166	1173	1153	1158	1144	1144	1136	1151	1151	1146	1145	1158	1146	1149	1180	1402
30	1157	1072	1153	1159	1161	1163	1185	1267	1260	1252	1170	1146	1126	1124	1125	1129	1142	1533	1501	1151	1144	1139	1149	1189	1153	1533
31	1154	1152	1368	1109	1148	1212	1167	1167	1157	1148	CAI	1144	1168	1176	1170	1151	1141	1135	1146	1127	1133	1142	1150	1150	1162	1368
AV	1142	1128	1126	1128	1122	1105	1113	1110	1109	1134	1134	1123	1117	1126	1122	1133	1126	1123	1130	1157	1147	1130	1128	1142	1127	1142
SD	82.1	78.9	69.3	74.2	61.1	196.	157.	189.	187.	170.	88.4	48.8	79.9	51.1	48.9	75.2	71.2	62.1	93.7	124.	123.	84.5	65.8	122.	68.3	111

ABOUT [29 JAN 81]

METHANE (CC106)

MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139

BONANZA, UTAH

SITE 6

APR, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	1146	1146	1148	1149	1155	1158	1167	1199	1181	1159	1141	1140	1129	1137	1144	1130	1138	1140	1154	1173	1155	1140	1151	1133	1151	1199	
2	1146	1159	1161	1158	1168	1277	1218	1192	1208	1148	1148	1155	1157	1149	1129	1146	1143	1146	1129	1149	1165	1156	1149	1144	1162	1277	
3	1158	1172	1186	1191	1347	1185	1199	1148	1148	1186	1167	1154	1151	1157	1164	1159	1161	1644	1161	1170	1163	1154	1170	1154	1170	1194	1444
4	1167	1177	1180	1173	1165	1163	1154	1165	1167	1079	1055	1174	1184	1155	1136	1125	1127	1127	1136	1148	1136	1144	1138	1149	1147	1184	
5	1146	1153	1151	1148	1156	1163	1160	1162	1220	1187	1160	1140	1127	1095	1090	1103	1113	1095	1107	1118	1080	1080	1116	1121	1133	1220	
6	1138	1131	1117	1126	1117	1119	1109	1118	1117	1113	1120	1096	1113	1110	1098	1105	1112	1108	1117	1129	1127	1118	1127	1125	1117	1138	
7	1181	1201	1137	1132	1134	1142	1170	1155	1141	1157	1144	CAI	96.0	1137	1140	1195	1146	1291	1150	1152	1163	1174	1172	1169	1154	1291	
8	1175	1168	1178	1173	1191	1195	1191	1191	1212	1011	1162	1167	1149	1151	1158	1045	1146	1136	1153	1139	1144	1161	1161	1148	1154	1212	
9	1148	1150	1129	1129	832.																						
10																											
11																											
12																											
13																											
14																											
15																											
16																											
17																											
18																											
19	1316	1328	1574	1326	1336	2215	1349	1355	1341	1367	1318	1317	1289	1321	1268	1316	1256	1263	1291	1292	1277	1292	1270	1275	1359	2215	
20	1293	1303	1317	1277	1319	1273	1325	1285	1343	1331	1309	1256	1309	1286	1290	1258	1249	1278	1272	1151	1246	1287	1254	1227	1281	1343	
21	1279	1247	1248	1231	1229	1254	1262	1261	1271	1280	1231	1280	1260	1276	1334	1261	1271	1256	1232	1262	1231	1287	1375	1269	1266	1375	
22	1232	1266	1225	1239	1265	1232	1294	1233	1277	1270	1273	1300	1240	1233	1248	1233	1230	1195	1238	1200	1233	1238	1245	1246	1247	1300	
23	1233	1244	1241	1264	1289	1208	1242	1233	1263	1146	2906	1384	2484	1184	1200	1204	1189	1087	1186	1202	1194	1240	1172	1154	1340	2906	
24	1174	1186	1206	1179	1174	1171	1180	1196	1296	1363	1301	1123	1197	1250	1193	1206	1207	1207	1203	1213	1187	1208	1227	1235	1212	1363	
25	1191	1218	1208	1176	1217	1184	1212	1209	1214	1183	CAI	1196	1212	1199	1184	1174	1164	1187	1193	1163	1210	1200	1164	1189	1193	1218	
26	1193	1282	1230	1200	1202	1191	1181	1207	1198	1189	1183	1176	1201	1182	1195	1169	1169	1199	1172	1165	1186	1179	1179	1200	1193	1282	
27	1203	1163	1197	1174	1229	1198	1197	1210	1203	1214	1197	1188	1195	1177	1200	1179	1200	1176	1167	1159	1202	1168	1192	1229	1192	1229	
28	1155	1194	1168	1166	1155	1220	1208	1301	1291	1271	1184	1164	1183	2633	1168	1155	1142	1141	1147	1139	1129	1135	1132	1154	1239	2633	
29	1169	1159	1153	1176	1157	1151	1149	1163	1198	1206	1194	1177	1152	1148	1123	1140	1127	1118	1127	1143	1174	1165	1151	1119	1156	1206	
30	1166	1239	1217	1159	1119	1138	1169	1150	1137	1155	1142	1111	890.	1138	1162	1125	1178	1175	1147	1137	1154	1162	1182	1142	1239		
AV	1191	1204	1208	1188	1186	1242	1207	1207	1223	1201	1281	1203	1232	1262	1191	1179	1179	1204	1181	1177	1183	1190	1191	1188	1202		
80	50.0	54.9	93.8	50.7	104.	227.	59.4	57.0	68.7	88.9	389.	82.6	303.	314.	73.6	68.5	52.8	118.	54.8	50.3	61.6	64.9	62.6	73.6			

METHANE 1CC:0.6J
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
MAY, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	
CLOCK HOUR (LOCAL STANDARD TIME)																											
1	1168	1142	1152	1162	1140	1179	1147	1227	1190	1189	1183	1186	1181	1178	1161	1144	1179	1176	1183	1180	1194	1191	1142	1167	1173	1227	
2	1138	1161	1171	1159	1170	1164	1190	1234	1190	(CA)	1328															1191	1328
3	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
4	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
5	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
6	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
7	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
8	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
9	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
10	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
11	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
12	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
13	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
14	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
15	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
16	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
17	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
18	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
19	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
20	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
21	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
22	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
23	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
24	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
25	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
26	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
27	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
28	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
29	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
30	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
31	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	
AV	1153	1152	1162	1161	1155	1171	1166	1231	1190	1189	1256	1186	1181	1178	1161	1144	1179	1176	1183	1180	1194	1191	1142	1167	1182	()	
SD	15.1	9.5	9.5	1.3	15.1	7.6	21.6	3.3	.0	.0	72.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	

CARBON MONOXIDE (CC107)
MILLIGRAMS PER CUBIC METER

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

JAN. 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.2	
2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.1	.1	.2
3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.2	.1	.1	.1	.2
4	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.2	.1	.1	.1	.2	.1	.1	.2
5	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
10	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
11	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
12	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
13	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
14	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
16	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
17	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
18	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
19	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
20	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
21	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
22	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
23	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
24	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
25	.3	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
26	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	.3
27	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	.3
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	.3
29	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
30	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
31	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1
SD	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	.1	.0	.1	.1

CARRON MONOXIDE (CC107)
MILLIGRAMS PER CUBIC METER

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

FEB. 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.2
2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.2
3	.2	.1	.2	.1	.1	.1	.2	.2	.3	.1	(CA)	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.3
4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.2
5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.2
6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2
7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.3
8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1
9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1
10	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.3
11	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1
12	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2
13	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1
14	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.3
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1
16	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1
17	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2
18	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.3
19	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2
20	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2
21	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2
22	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2
23	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2
24	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.2
25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.4
26	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.3
27	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	(CA)	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.4
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	(CA)	.3	.0	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.3
29	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1
SD	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.0	.1

ADOUT (29 JAN 81)

CARBON MONOXIDE (CC107)
MILLIGRAMS PER CUBIC METER

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

MAR. 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	-0	-0	-0	(OR)	(OR)	(OR)	(OR)	.1	.0	.1	1.0	-0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	1.0
2	-1	-1	-1	-1	-1	.0	.0	.0	.0	.1	(CA)	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1
3	-1	-0	-1	-0	-1	-0	-2	-1	-1	(CA)	(CA)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
4	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	.2	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
5	-1	-0	-1	-1	-1	-1	-1	-1	-1	(CA)	(CA)	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1
6	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
7	-1	-1	-1	-1	-1	-0	-1	-1	-1	(CA)	(CA)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
8	-1	-1	-1	-1	-2	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.2
9	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.3	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.3
10	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
11	-0	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
12	-1	-1	-1	-1	-1	-1	-1	-1	-1	(CA)	(CA)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
13	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
14	-1	-1	-1	-1	-1	-1	-1	-1	-1	(CA)	(CA)	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
15	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
16	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
17	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
18	-6	-1	-1	-1	-1	-1	-1	-1	-1	(CA)	(CA)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
19	-0	-0	-1	-1	-1	-1	-1	-1	-1	(CA)	(CA)	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.6
20	-1	-1	-1	-1	-1	-2	-1	-1	-1	.1	.1	.1	.0	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2
21	-1	-1	-1	-1	-1	-2	-1	-1	-1	(CA)	(CA)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
22	-2	-0	-1	-1	-1	-1	-1	-1	-1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
23	-1	-1	-1	-1	-1	-1	-1	-1	-1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
24	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
25	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	(CA)	(CA)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
26	-1	-0	-1	-1	-1	-1	-1	-1	-1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
27	-1	-9	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
28	-1	-0	-0	-1	-1	-1	-1	-1	-1	(CA)	(CA)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.9
29	-1	-0	-2	-0	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
30	-1	-0	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
31	-1	-1	-0	-0	-0	-0	-1	-1	-1	(CA)	(CA)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AV	-1	-1	-1	-1	-1	-1	-1	-1	-1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SO	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CARRON MONOXIDE [CC107]

MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139

BONANZA, UTAH

SITE 6

APR, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
3	.1	.1	.2	.1	.0	.1	.1	.0	.3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2
5	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.2	.1	.1	.1	.2
6	.1	.1	.1	.2	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	.2
7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.2	.1	.1	.1	.2	.1	.2
8	.2	.1	.1	.2	.1	.1	.2	.2	.5	.1	.1	.1	.1	.1	.1	.0	.2	.1	.2	.1	.2	.1	.1	.1	.1	.2
9	.1	.1	.1	.0	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.5
10	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	.9
11	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	.1
12	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	.1
13	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	.1
14	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	.1
15	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	.1
16	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	.1
17	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	.1
18	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	[F0]	.1
19	.6	.6	.0	.6	.7	.0	.6	.5	.6	.7	.6	.7	.6	.6	.6	.5	.7	.5	.5	.5	.0	.6	.7	.7	.6	.7
20	.5	.6	.7	.6	.5	.6	.6	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
21	.6	.7	.4	.7	.5	.7	.6	.4	.5	.5	[CA]	.7	.6	.5	.0	.6	.7	.6	.4	.7	.7	.6	.5	.8	.6	.7
22	.1	.6	.5	.5	.6	.0	.5	.5	.5	.5	.4	.6	.5	.1	.6	.5	.5	.4	.5	.6	.7	.4	.5	.5	.5	.7
23	.6	.6	.5	.5	.5	.2	.6	.7	.5	.7	.6	.2	.4	.5	.7	.6	.5	.0	.6	.4	.6	.5	.6	.6	.6	.9
24	.6	.6	.6	.6	.6	.6	.5	.5	.5	.6	.5	.9	.6	.9	.6	.5	.6	.5	.5	.5	.5	.6	.5	.6	.6	.9
25	.5	.6	.6	.5	.5	.5	.6	.5	.5	.3	[CA]	.5	.5	.6	.5	.5	.3	.6	.6	.6	.6	.5	.6	.6	.6	.6
26	.5	.5	.5	.4	.6	.5	.5	.5	.4	.5	.6	.5	.5	.5	.6	.4	.6	.5	.5	.7	.6	.6	.5	.6	.5	.7
27	.6	.7	.5	.4	.6	.4	.6	.5	.5	.5	.6	.6	.6	.6	.6	.4	.5	.5	.4	.5	.4	.5	.6	.6	.5	.7
28	.6	.5	.5	.5	.6	.5	.4	.5	.5	.5	.7	.5	[CA]	.6	.6	.5	.7	.6	.6	.5	.5	.7	.5	.6	.6	.7
29	.5	.6	.5	.5	.5	.5	.4	.4	.5	.5	.5	.5	.5	.5	.5	.4	.5	.5	.5	.6	.4	.3	.5	.5	.5	.6
30	.6	.5	.5	.6	.6	.6	.5	.5	.5	.4	.4	.4	[CA]	.5	.4	.5	.6	.5	.5	.5	.5	.6	.5	.5	.5	.6
AV	.3	.4	.3	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.3	.3	.4	.4	.4	.4	.4	.4	.1
SD	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1

CARBON MONOXIDE (CC:07)
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALF PROJECT, #139
BONANZA, UTAH
SITE 6
MAY, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/H *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	.7	.7	.6	.6	.6	.6	.6	.7	.7	.6	.5	.7	.6	.5	.6	.6	.7	.6	.6	.6	.7	.6	.6	.7		
2	.7	.7	.5	.5	.7	.7	.6	.6	.6	(CA)	(CA)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	.6	.7	
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)	(OR)	(OR)	.6	.7
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)	(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)	(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)	(OR)	(OR)	(OR)	(OR)
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29	.4	.5	.4	.5	.5	.5	.5	.5	.5	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.6	.7	.7	.7	.7	.4	
30	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.7	
31	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.9	
AV	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
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	.2	.2	.2	

CARBON MONOXIDE (CC:07)
MILLIGRAMS PER CUBIC METER

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

JUN, 1980

AEROENVIRONMENT INC.

*
* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	.9	.9	.9	.8	.9	.8	.9	.8	.8	.7	.6	.6	.8	.8	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	
2	1.0	1.0	.9	.9	.9	.9	.9	.9	.8	.7	.7	.6	.6	.6	.7	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9	.9	.8	1.0
3	.9	.8	.8	.8	.8	.8	.8	.8	.8	.7	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	.7	.9	
4	.8	.8	.8	.8	.8	.8	.8	.8	.8	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	.9
5	.8	.9	.9	.9	.9	.9	.9	.9	.9	.8	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.9	.9	1.0	1.0	1.0	.8	.9	1.0
6	.9	.9	.9	.9	.9	.9	.9	.9	.8	.8	.7	.6	.6	.7	.8	.8	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	.9	1.2	
7	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.1	1.1	.9	1.2	
8	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.8	.8	.8	.9	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.1	
9	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.1	
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	1.0	1.1	
11	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.6	1.0	
12	.6	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	
13	.6	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	
14	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	
15	.8	.8	.8	.8	.7	.7	.7	.7	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	
16	.7	.7	.7	.7	.6	.6	.6	.6	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.6	
17	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.7	
18	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	
19	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	
20	.9	.8	.8	.8	.8	.8	.8	.7	.8	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	
21	.7	.7	.7	.7	.6	.6	.6	.6	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.6	
22	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.6	
23	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.6	
24	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8	
25	.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	.6	.8	
26	.9	.9	.9	.9	.8	.8	.8	.8	.8	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.8	
27	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	
28	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	
29	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	
30	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.9	
AV	.8	.8	.8	.8	.8	.8	.8	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	
SD	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	

ADJUST (29 JAN 81)

CARBON MONOXIDE (CC&07)
MILLIGRAMS PER CURIC METER

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

JUL. 1980

AFROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	PFAK	
1	1.6	1.5	1.4	1.2	1.2	1.2	1.1	1.0	1.0	.9	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.9	1.6
2	.7	.6	.5	.4	.5	.4	.4	.4	.5	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.7
3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
21	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	(CA)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.3
22	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
23	.5	.5	.5	.6	.6	.6	.6	.6	.6	.5	(CA)	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
24	.8	.8	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.8
25	.7	.7	.6	.6	.6	.6	.6	.5	.5	.5	(CA)	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.7
26	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.6
27	.7	.7	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.7
28	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	(CA)	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4
29	.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	.4	.6
30	.8	.7	.7	.7	.7	.7	.7	.6	.6	.6	(CA)	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.8
31	.8	.8	.8	.7	.7	.7	.7	.7	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.8
AV	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
SD	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3

CARBON MONOXIDE ICC0071
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT.#139
RONANZA, UTAH
SITE 6
SEP, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 13/APR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	.7	.7	.7	.7	.7	.7	.7	.6	[CA]	.6	.5	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
2	.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	.6
3	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
4	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
5	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
7	.8	.8	.8	.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	1.7	1.6	1.4	1.3	1.4	1.4	1.3	1.0	.7	[CA]	.5	.6	.6	.6	.6	1.4	1.9	1.7	1.3	.7	.7	.7	.7	1.0	2.3
9	.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	.6
10	.7	.7	.7	.6	.6	.7	.6	.7	.7	[CA]	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
11	.5	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.3	.3	.3	.3	.3	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
12	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	[CA]	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3
13	.6	.6	.5	.5	.6	.5	.6	.6	.5	.5	.5	.5	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
14	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.3	.3	.3	.3	.3	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
15	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
16	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
17	.6	.6	.6	.6	.6	.6	.6	.6	.6	[CA]	[CA]	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6
18	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6
19	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
20	.9	.8	.8	.8	.8	.8	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
21	.6	.7	.6	.6	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
22	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	[CA]	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
23	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	[CA]	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
24	.7	.7	.7	.6	.6	.5	.3	.3	.3	.2	[CA]	[CA]	.0	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
25	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
26	.7	.6	.6	.6	.6	.7	.7	.7	.6	.6	[CA]	[CA]	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
27	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
28	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
29	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	[CA]	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
30	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
AV	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
SD	.1	.2	.2	.2	.1	.2	.2	.1	.2	.1	.2	.1	.3	.4	.3	.2	.1	.2	.3	.2	.2	.1	.1	.1	.1	.1

CARBON MONOXIDE ICC1071
MILLIGRAMS PER CUBIC METER

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

OCT, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 10/APR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	.7	.7	.6	.6	.7	.6	[CAI]	.6	.5	.3	.5	.5	.5	.6	.6	.6	.7	.7	.6	.6	.7	.6	.7
2	.7	.6	.7	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.7	.7	.7	.7	.6	.7
3	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	[CAI]	.3	.3	.5	.7	.7	.6	.6	.6	.5	.5	.6	.6	.6	.6	.7
4	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.3	.3	.5	.7	.7	.6	.6	.5	.5	.5	.6	.6	.6	.6	.7
5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.6	.6	.7	.7	.8	.8	.8	.8	.8	.6	.7
6	.8	.7	.7	.7	.7	.7	.7	.7	.6	[CAI]	.6	.6	.6	.5	.5	.6	.6	.7	.7	.7	.7	.8	.8	.8	.7	.8
7	.8	.7	.7	.7	.7	.7	.7	.7	.7	.6	.5	.5	.5	.6	.6	.7	.7	.7	.8	.8	.8	.8	.8	.8	.7	.8
8	.8	.8	.7	.7	.7	.7	.7	.7	.7	[CAI]	.6	.5	.5	.6	.6	.6	.7	.7	.7	.7	.7	.8	.8	.8	.7	.8
9	.8	.8	.7	.7	.7	.7	.7	.7	.7	.6	.6	.5	.5	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8
10	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	[CAI]	.5	.5	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
11	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.3	.3	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7
12	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7
13	.8	.8	.8	.7	.7	.8	.7	.7	.7	.7	.0	[CAI]	.7	.7	.7	.7	.8	.9	.9	.9	.8	.8	.8	.8	.7	.9
14	.9	.9	.9	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9
15	.9	.9	.9	.9	.9	.9	.9	.9	.8	[CAI]	.7	.6	.6	.6	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.9
16	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.7	.6	.6	.6	.7	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.8
17	.7	.8	.8	.8	.8	.8	.8	.8	.7	.6	.1	[CAI]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	[.3
18	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
19	.8	.8	.8	.8	.8	.7	.8	.7	.7	.6	.5	.3	.3	.3	.3	.5	.5	.5	.6	.7	.7	.7	.7	.7	.8	.8
20	.8	.8	.8	.7	.7	.8	.7	.7	.7	.6	[CAI]	.2	.0	.0	.0	.1	.2	.3	.6	.9	.9	.9	.8	.8	.6	.8
21	1.1	1.0	1.0	.9	.9	.9	.8	.8	.7	.6	.5	.2	.1	.1	.1	.1	.2	.3	.6	.9	1.1	1.3	1.3	1.3	.6	1.3
22	1.1	1.1	1.1	1.0	1.0	1.0	.9	.9	.9	.8	[CAI]	.0	.2	.1	.0	.1	.1	.2	.5	1.0	1.1	1.3	1.3	1.3	.7	1.3
23	1.0	.9	.9	.8	.8	.8	.8	.7	.6	.5	.3	.1	.0	.0	.0	.1	.1	.3	.6	.9	1.0	1.0	1.0	1.0	.7	1.1
24	.9	.9	.8	.8	.7	.7	.7	.7	.6	.5	[CAI]	.1	.0	.0	.0	.1	.1	.5	.7	.9	1.1	1.1	1.1	1.0	.6	1.1
25	1.0	1.0	.9	.9	.8	.8	.8	.8	.7	.5	[CAI]	.1	.0	.0	.0	.1	.2	.3	.6	.9	1.0	1.3	1.3	1.1	.6	1.3
26	1.0	1.0	.9	.8	.8	.8	.8	.8	.8	.6	.3	.2	.1	.1	.1	.1	.2	.5	.7	1.0	1.3	1.3	1.1	.7	1.3	
27	.9	.9	.9	.9	.9	.9	.9	.8	.8	.7	.6	.6	.6	.6	.6	.7	.8	.9	.9	.9	.9	.9	.9	.9	.8	1.0
28	.8	.8	.8	.8	.7	.7	.7	.7	.6	[CAI]	.6	.6	.6	.6	.6	.6	.6	.7	.8	.8	.9	.9	.9	.9	.8	.9
29	1.1	1.0	.9	.9	.9	.9	.8	.8	.8	.6	.3	.3	.2	.2	.2	.3	.3	.5	.9	1.1	1.3	1.3	1.3	1.1	.7	1.3
30	1.1	1.0	1.0	.9	.9	.9	.8	.8	.8	.7	.5	.3	.3	.3	.3	.5	.6	.7	1.0	1.1	1.4	1.4	1.4	1.3	.8	1.4
31	1.1	1.1	1.0	.9	.9	.8	.8	.8	.8	.7	.7	[CAI]	.5	.2	.2	.3	.5	.7	.9	1.1	1.3	1.3	1.1	1.1	.8	1.3
AV	.8	.8	.8	.7	.7	.7	.7	.7	.6	.5	.4	.4	.4	.4	.4	.5	.5	.6	.7	.8	.9	.9	.9	.9	.7	1.1
SD	.2	.2	.2	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.3	.3	.2	.2	.1	1.1

ADJUST (21 JAN 81)

CARBON MONOXIDE ICC1071
MILLIGRAMS PER CURTIC METER

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

NOV, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 10/APR/81 *

CLOCK HOUR LOCAL STANDARD TIME

DAY	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	1.0	1.0	.9	.9	.8	.8	.8	.8	.6	.5	.3	.3	.2	.3	.5	.6	.8	.9	1.1	1.3	1.3	1.1	1.1	.8	1.3
2	1.0	.9	.9	.8	.8	.8	.8	.7	.7	.6	.5	.3	.3	.2	.2	.2	.3	.6	.7	1.0	1.1	1.3	1.1	1.1	.7	1.3
3	1.0	.9	.9	.8	.8	.8	.7	.7	.7	.7	[CA]	.6	.5	.3	.2	.2	.3	.5	.6	.8	.9	.9	1.0	1.0	.7	1.0
4	1.0	.9	.9	.8	.8	.8	.7	.7	.7	.5	.3	.2	.2	.2	.2	.2	.5	.6	.7	.9	1.0	1.0	1.0	1.0	.7	1.0
5	.9	.9	.8	.8	.8	.7	.7	.7	.6	[CA]	.5	.3	.2	.1	.2	.3	.5	.6	.8	1.0	1.3	1.3	1.1	1.1	.7	1.3
6	1.0	.9	.9	.8	.8	.8	.7	.7	.6	.5	.2	.1	.1	[CA]	.5	1.3	.7	.7	.7	.7	.7	.7	1.3	.7	.7	1.3
7	.7	.7	.7	.7	.7	1.3	.7	.7	.7	.7	.7	.7	.0	.0	.7	1.3	.6	.6	.6	.6	1.3	1.3	1.3	1.3	.7	1.3
8	1.1	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.0	.0	.6	.6	.6	.6	.6	.6	1.1	1.1	1.1	1.1	.8	1.3	
9	1.1	1.1	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	1.1	1.1	1.1	1.1	1.1	.7	1.1	
10	1.1	1.1	1.1	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	1.0	1.3	1.1	1.1	1.1	.7	1.1	
11	.8	.8	.7	.7	.7	.6	.6	.6	.5	.5	[CA]	.2	.1	.1	.2	.2	.3	.5	.8	1.0	1.3	1.1	1.0	.9	.7	1.3
12	.7	.7	.7	.7	.7	.7	.6	.6	.5	.3	.2	.1	.1	.1	.2	.3	.5	.6	.7	.7	.7	.7	.7	.6	.5	.7
13	.6	.6	.6	.5	.5	.5	.5	.5	.3	.3	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.6
14	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.3
15	.3	.3	.3	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1
16	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1
17	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	[CA]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1
18	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1
19	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1
20	.8	.7	.7	.6	.6	.6	.6	.6	.6	.5	.3	.2	.1	.1	.1	.1	.1	.3	.6	.7	.8	.8	.8	.8	.3	.8
21	.9	.8	.8	.7	.7	.7	.7	.7	.7	.6	.6	.5	.3	.3	.3	.3	.3	.6	.7	.9	1.0	1.0	1.0	.9	.6	1.0
22	.9	.9	.9	.8	.8	.8	.7	.7	.7	.6	.5	.3	.3	.3	.3	.3	.3	.6	.8	1.0	1.0	1.0	1.0	.9	.6	1.0
23	.9	.9	.9	.9	.8	.8	.8	.8	.8	.8	.6	.6	.5	.5	.5	.5	.6	.7	.8	.9	.9	.9	.9	.9	.7	.9
24	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	[CA]	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	1.3
25	1.3	1.3	1.3	.7	.8	.8	.8	.7	.7	.6	.5	[CA]	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.0
26	.9	.9	.9	.7	.7	.7	.7	.7	.7	.6	.5	[CA]	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
27	1.0	.9	.8	.8	.8	.8	.8	.7	.7	.6	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
28	.9	.7	.7	.7	.7	.7	.7	.7	.6	.6	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
29	1.1	1.0	.9	.9	.9	.8	.8	.8	.8	.7	.6	.5	.5	.5	.5	.5	.6	.7	.8	.9	1.0	1.1	1.1	1.1	.7	1.1
30	.9	.9	.8	.8	.8	.8	.8	.8	.7	.6	.5	.5	.5	.5	.5	.6	.7	.8	.9	1.0	1.0	1.0	1.0	.9	.7	.9
AV	.8	.7	.7	.6	.6	.6	.6	.5	.5	.5	.4	.3	.2	.2	.3	.4	.5	.6	.7	.9	.9	.8	.8	.8	.6	1.1
SD	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3

CARBON MONOXIDE (CC:07)
MILLIGRAMS PER CUBIC METER

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

DEC. 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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			
CLOCK HOUR (LOCAL STANDARD TIME)																													
1	.8	.8	.8	.9	.9	.9	.9	.9	.9	.6	.6	.6	.5	.4	.4	.4	.4	.5	.7	.9	1.0	1.0	1.0	1.0	1.0	.7	1.0		
2	.9	.9	.9	.8	.8	.8	.7	.7	.7	.7	.5	.4	.4	.4	.5	.5	.6	.6	.8	.9	.9	.9	.9	.9	.9	.7	.9		
3	.9	.9	.9	.9	.9	.8	.8	.8	.8	.8	.6	.5	(CA)	.6	.6	.5	.5	.5	.7	.7	.8	.8	.8	.8	.8	.7	.9		
4	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8	.6	.5	.4	.6	.8	.9	.9	1.0	.9	.9	.9	.9	.9	.9	.8	1.0		
5	.9	.9	1.0	.9	.9	.9	.9	.9	.9	.9	.8	.6	.6	.7	.7	.7	.8	.8	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0		
6	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8	.7	.7	.7	.7	.7	.7	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0		
7	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8	.7	.7	.7	.7	.7	.9	1.0	1.0	1.0	1.0	1.0	1.0	.8	1.0		
8	.8	.7	.7	.7	.6	.7	.7	.6	.6	.6	.5	(CA)	.4	.5	.5	.5	.5	.6	.7	.8	.8	.8	.8	.8	.8	.7	.9		
9	.8	.7	.7	.6	.6	.6	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	.4	.6	.8	.9	.9	.9	.9	.8	.7	.9		
10	.7	.7	.7	.7	.6	.6	.6	.5	.5	(CA)	.3	.2	.1	.2	.2	.2	.3	.4	.6	.8	.9	.9	.8	.8	.8	.6	.9		
11	.7	.7	.7	.6	.6	.6	.5	.5	(CA)	.4	.3	.2	.1	.2	.2	.2	.3	.4	.6	.7	.8	.8	.8	.8	.8	.5	.8		
12	.7	.7	.6	.6	.5	.5	.5	.5	.5	.5	.4	.3	.2	.1	.2	.2	.3	.5	.6	.8	.8	.8	.8	.8	.8	.5	.8		
13	.7	.6	.6	.6	.5	.5	.5	.5	.5	.4	.3	.2	.0	.1	.2	.2	.3	.4	.5	.7	.8	.8	.8	.8	.8	.7	.5	.8	
14	.7	.6	.6	.5	.5	.5	.5	.4	.4	.4	.3	.2	.0	.1	.2	.2	.3	.4	.5	.7	.8	.8	.8	.8	.8	.7	.4	.8	
15	.6	.6	.6	.5	.5	.5	.5	.5	.5	.4	.3	.2	.1	.0	.1	.2	.3	.4	.6	.7	.8	.8	.8	.8	.8	.7	.4	.8	
16	.7	.7	.6	.6	.5	.5	.5	.5	.5	(CA)	.2	.1	.1	.1	.2	.2	.2	.3	.5	.7	.8	.8	.8	.8	.8	.7	.4	.8	
17	.7	.7	.6	.6	.6	.5	.5	.5	.5	.4	(CA)	.2	.1	.2	.2	.2	.3	.4	.6	.7	.8	.8	.8	.8	.8	.7	.4	.8	
18	.8	.7	.7	.6	.6	.6	.5	.5	.5	.4	(CA)	.2	.1	.2	.2	.2	.3	.4	.6	.7	.8	.8	.8	.8	.8	.7	.4	.8	
19	.8	.7	.7	.6	.6	.6	.5	.5	.5	.4	(CA)	.2	.1	.2	.2	.2	.3	.4	.6	.7	.8	.8	.8	.8	.8	.7	.4	.8	
20	.8	.7	.6	.6	.6	.5	.5	.5	.5	.4	(CA)	.2	.2	.2	.2	.2	.3	.4	.6	.7	.8	.8	.8	.8	.8	.7	.4	.8	
21	.6	.6	.6	.5	.5	.4	.4	.4	.4	.4	.3	.2	.1	.1	.2	.2	.3	.5	.6	.7	.8	.8	.8	.8	.8	.7	.4	.8	
22	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.4	(CA)	.2	.1	.2	.3	.5	.6	.7	.8	.8	.8	.8	.8	.8	.7	.4	.8	
23	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.4	(CA)	.2	.2	.2	.2	.3	.5	.6	.7	.8	.8	.8	.8	.8	.7	.4	.8	
24	.7	.6	.6	.6	.6	.6	.5	.5	.5	.4	(CA)	.6	.5	.3	.2	.2	.3	.5	.6	.7	.8	.8	.8	.8	.8	.7	.4	.8	
25	.7	.7	.7	.6	.6	.6	.6	.6	.6	.5	.4	(CA)	.3	.2	.2	.2	.3	.4	.6	.7	.8	.8	.8	.8	.8	.7	.4	.8	
26	.8	.8	.8	.7	.7	.6	.6	.6	.6	(CA)	.5	.3	.2	.2	.3	.3	.4	.6	.7	.8	.8	.8	.8	.8	.8	.7	.4	.8	
27	.9	.9	.8	.8	.8	.7	.7	.7	.7	.6	.5	.4	.3	.3	.4	.5	.6	.8	.9	.9	.9	.9	.9	.9	.9	.8	.7	.9	
28	.9	.9	.8	.8	.8	.7	.7	.7	.7	.6	.5	.4	.4	.4	.5	.5	.6	.8	.9	.9	.9	.9	.9	.9	.9	.8	.7	.9	
29	.9	.8	.8	.7	.7	.6	.6	.6	.6	(CA)	.0	.3	.3	.3	.4	.5	.6	.8	.9	.9	.9	1.0	1.0	1.0	1.0	.9	1.0		
30	.8	.7	.7	.6	.6	.6	.6	.6	.6	.5	.4	.3	.3	.3	.3	.4	.5	.8	1.0	1.1	1.0	1.0	1.0	1.0	.9	.8	1.1		
31	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	.7	.6	1.3
AV	.8	.8	.7	.7	.7	.7	.6	.6	.6	.5	.4	.3	.3	.3	.3	.3	.4	.5	.7	.8	.9	.9	.8	.8	.8	.6	()		
SD	.1	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	()	()	

AGOUT (29 JAN 81)

NITRIC OXIDE (CC:0A)
MICROGRAMS/CUBIC METER

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

JAN. 1980

AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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	4	4
5	4	2	4	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	4	2	4	2	2	2	2	2	2	6	ICA	ICA	ICA	ICA	ICA	ICA	ICA	ICA	ICA	ICA	ICA	ICA	ICA	ICA	ICA	ICA
7	1	63	30	31	27	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	2	4	3	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
SD	2	13	6	7	6	2	1	2	2	2	2	2	2	2	4	3	2	2	2	2	2	2	2	2	2	2

NITRIC OXIDE (CC:0A)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
FEB, 1980
AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	9
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(IM)	()
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	()
SD	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	()

NITRIC OXIDE [CC10A]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT #139
 ROMANZA, UTAH
 SITE 6

MAR, 1980

AEROVIRNMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

DAY	CLOCK HOUR (LOCAL STANDARD TIME)																								AVE	PFAK
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
20	6	6	5	2	5	2	5	5	5	5	2	5	5	5	7	5	5	5	5	5	5	5	5	5	5	
21	2	2	5	2	2	0	2	5	5	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AV	0	2	1	1	1	0	1	1	1	0	0	1	1	1	0	1	1	1	1	1	2	1	0	0	0	
SD	1	3	2	1	3	1	1	2	1	1	1	1	1	2	1	2	3	3	3	3	3	3	1	1	1	

NITRIC OXIDE (CC10A)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
APR. 1980
AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	2	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
SD	2	3	2	2	2	2	2	4	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2

ABOUT [29 JAN 81]

NITRIC OXIDE (C:000)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
MAY, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	2	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2		
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	
3	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5		
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	
SD	0	1	1	1	1	1	0	1	2	1	0	1	2	2	2	2	2	2	1	0	0	1	2	1	0	1	1	1	

AGOUT (29 JAN 81)

 * FINAL DATA *
 * AS OF 31/MAR/81 *

 WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6
 JUN, 1980
 AEROVIRONMENT INC.

NITRIC OXIDE ICC10R1
 MICROGRAMS/CUBIC METER

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ABOUT 129 JAN 811

NITRIC OXIDE ICC1081
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6
 JUL, 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

DAY	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
CLOCK HOUR (LOCAL STANDARD TIME)																										
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NITRIC OXIDE (CC:0A)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
AUG. 1980
AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	2	2	2	2	2	2	2	2	(CA)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	0	(CA)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	(CA)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	5	5	5	5	5	5	5	(CA)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	(CA)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	(CA)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	(CA)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	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	4
29	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	4
30	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	4
31	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	4
AV	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

NITRIC OXIDE (CC:00)
MICROGRAMS/CUBIC METER

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

SEP. 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2	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
3	4	4	4	4	4	4	4	4	4	4	4 (CA)	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	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
6	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
7	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
8	4	4	4	4	4	7	4	7	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7
9	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
10	4	4	4	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	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
12	4	4	4	4	4	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	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
14	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
15	4	4	4	4	4	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	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
17	4	4	4	4	4	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	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
19	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
20	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
21	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
22	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
23	4	4	4	4	4	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	4	4	4	4	4	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	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
26	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	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
28	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
29	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	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
AV	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
SD	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NITRIC OXIDE (CC108)
MICROGRAMS/CUBIC METER

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

OCT. 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	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	5
4	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	5
5	5	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	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	5
8	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	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	5
10	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	5
11	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	5
12	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	5
13	5	5	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	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	5
15	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	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	5
17	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	5
18	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	5
19	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	5
20	5	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	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	5
22	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	5
23	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	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	5
26	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	5
27	5	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	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	5
29	5	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	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	5
31	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	5
AV	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	5
SD	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0

ABOUT (29 JAN 81)

NITRIC OXIDE (CC:08)
MICROGRAMS/CUBIC METER

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

NOV, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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
CLOCK HOUR (LOCAL STANDARD TIME)																										
1	5	5	5	5	5	5	5	5	5	5	9	5	5	5	5	5	9	9	5	5	5	5	5	5	5	6
2	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	5
3	5	5	5	5	5	5	5	5	5	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	9 (CA)	9	9	5	5	5	5	9	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	9	9	5	5	5	5	5	5	5	9	9	5	5	5	5	5	5	6
6	5	5	5	5	5	5	5	9	9	9	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	9	9	9	9	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	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	5
9	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	5
10	5	5	5	5	5	5	5	5	10 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	9	9	10	9	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	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	5
14	5	5	5	5	5	5	5	5	5	5 (CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	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	5
16	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	5
17	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	5
18	4	4	4	4	4	4	4	4	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	4	4	4	4	4	4	4	4	4	4	4	4 (CA)	7	4	4	4	4	4	4	4	4	4	4	4	4	4
20	4	4	4	4	4	4	4	7	7	10	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	4	4	4	4	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22	4	4	4	4	4	4	4	4	7	10	12	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	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	4
24	4	4	4	4	4	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	4	4	4	4	4	4	4	4	4	4	4 (CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	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	4
27	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	4
28	4	4	4	4	4	4	4	4	4	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	4	4	4	4	4	4	4	4	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	4	4	4	4	4	4	4	4	4	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
AV	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
SD	0	0	0	0	0	0	0	1	2	2	2	2	1	1	0	1	2	1	1	0	0	1	0	0	0	1

NITRIC OXIDE (CC108)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT.#139
 BONANZA, UTAH
 SITE 6
 DEC. 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	4	4	4	4	4	4	7	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7
2	4	4	4	4	4	4	4	4	4	(CA)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3	4	4	4	4	4	4	4	4	4	4	4	4	(CA)	7	4	4	4	4	4	4	4	4	4	4	4	7
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	4	4
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	4	4	4	4	4	4	4	4	4	4	6
6	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	6
7	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	6
8	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	6
9	2	2	2	2	2	2	2	2	2	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
10	2	2	2	2	2	2	2	2	2	(CA)	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11	2	2	2	2	2	2	2	2	2	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
12	2	2	2	2	2	2	2	2	2	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
13	2	2	2	2	2	2	2	2	2	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
14	2	2	2	2	2	2	2	2	2	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
15	2	2	2	2	2	2	2	2	2	6	(CA)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
17	2	2	2	2	2	2	2	2	2	5	(CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	2	2	2	2	2	2	2	2	5	(CA)	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	2	2	2	2	2	2	2	2	2	5	(CA)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	1	1	1	1	1	1	1	1	1	1	5	(CA)	1	5	5	5	5	5	5	5	5	5	5	5	5	5
23	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	1	1	1	1	1	1	1	1	5	(CA)	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	1	1	1	1	1	1	1	1	1	(CA)	5	1	5	4	4	4	4	4	4	4	4	4	4	4	4	5
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
29	6	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
30	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	4	4	4	4	4	4	4	4	4	(CA)	9	6	6	9	4	4	4	4	4	4	4	4	4	4	4	9
AV	3	3	2	2	2	2	2	2	3	4	4	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3
SD	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

AGOUT (29 JAN 81)

NITROGEN DIOXIDE (CC109)
MICROGRAMS/CUBIC METR

WHITE RIVER SHALE PROJECT.#139
BONANZA, UTAH
SITE 6
JAN, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG 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	4	4	2	4	4	4	4	4	2	13	8	6	6	9	9	13	9	9	6	0	4	4	4	4	7
12	8	8	6	6	6	8	8	9	8	8	8	8	8	8	17	6	6	6	8	8	8	8	8	8	6
13	8	8	8	8	8	6	8	6	8	9	11	9	13	11	6	8	6	6	6	8	8	6	6	6	8
14	6	6	6	9	9	9	9	9	11	9	6	6	6	6	6	6	6	2	0	4	2	0	4	6	6
15	0	11	4	6	2	0	0	2	4	4	4	4	0	8	8	9	8	8	4	0	0	8	4	8	4
16	4	6	4	6	6	6	6	6	6	6	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	21	4
17	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	0	0	6
20	4	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	4
21	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	9	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	9
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	3

NITROGEN DIOXIDE (CC:09)
 MICROGRAMS/CUBIC METER

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

FEB. 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
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)	(IM)	0
AV	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

ADOUT (29 JAN 81)

NITROGEN DIOXIDE (CC:109)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT.#139
BONANZA, UTAH
SITE 6
MAR, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/A1 *

DAY	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
	CLOCK HOUR {LOCAL STANDARD TIME}																									
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)	(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)	(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)	(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)	(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)	(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)	(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)	(IM)	()
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	19	19	19	19	19	19	17	17	13	8	19
11	17	17	13	13	13	13	8	13	13	13	17	17	17	17	17	17	9	0	0	0	0	17	17	13	8	12
12	13	13	13	13	13	13	13	13	13	13	17	13	13	13	13	13	13	13	13	13	13	17	17	13	13	14
13	13	13	15	13	13	11	11	11	11	11	11	11	11	11	11	15	15	15	15	15	15	11	11	11	11	12
14	11	11	11	11	11	11	11	11	15	15	(CA)	15	11	11	11	15	15	15	15	15	15	15	15	13	13	15
15	13	13	11	11	11	11	11	11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	9	9	12
16	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
17	9	9	9	9	9	9	9	9	9	(CA)	(CA)	9	9	11	11	11	11	11	8	8	8	8	8	8	8	9
18	8	8	8	8	8	8	8	8	8	(MT)	(MT)	0	0	0	8	0	0	2	0	0	0	11	2	8	4	11
19	2	0	0	0	0	0	0	0	0	(CA)	(CA)	2	2	0	4	0	0	9	4	6	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	6	0	0	0	6	(CA)	2	2	2	6	0	2	2	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	4	4	0	4	4	4	4	4	4	4	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	1	4
24	4	4	4	2	2	2	2	2	2	2	0	0	0	0	(CA)	2	2	2	2	2	0	0	0	0	0	1
25	0	0	0	2	2	0	0	2	2	(CA)	(CA)	(CA)	(CA)	(CA)	2	2	2	2	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	2
30	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	2
31	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	4	4	4	4	4	4	3	4	4	5	3	4	4	4	5	5	5	5	4	4	4	5	4	4	4	4
SD	6	6	5	5	5	5	5	5	5	5	6	6	6	6	5	5	7	6	6	6	6	7	7	6	5	5

NITROGEN DIOXIDE (CC:09)
 MICROGRAMS/CUBIC METER

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

APR. 1980

AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

DAY	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	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	2	0	0	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	4	0	0	0	0	(CA)	(CA)	4	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	4	4	4	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4
25	0	4	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	4	4	4	4
26	4	4	4	4	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	0	0	0	0	4	4	4	8	4	4	4	4	0	(CA)	4	4	4	4	4	4	4	4	4	4	4	8
29	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	4
30	4	4	4	4	4	4	4	4	4	4	4	0	(CA)	0	9	11	4	4	4	4	4	4	4	4	4	4
AV	0	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SD	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AGOUT (29 JAN 81)

NITROGEN DIOXIDE (CC:09)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
RONANZA, UTAH
SITE 6
MAY, 1980
AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	4	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4					
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	1	4				
4	4	4	4	0	4	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4				
5	4	0	4	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	4	4	4	4	4	4	4	2	4				
6	4	4	4	4	4	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4				
7	4	4	0	0	0	0	4	0	0	0	0	4	4	4	4	4	4	4	4	4	6	0	6	6	6	3	6				
8	6	6	0	6	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3	6				
9	6	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	6				
10	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	6				
11	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0	6				
12	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1	6				
13	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1	6				
14	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1	6				
15	0	6	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1	6				
16	6	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
17	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
18	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
19	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
20	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
21	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
22	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
23	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
24	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
25	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6				
26	0	0	0	0	0	2	2	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6			
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6		
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6		
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6		
30	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6		
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	
AV	2	1	1	1	1	1	1	2	3	2	3	3	3	3	1	2	2	1	1	2	2	2	2	2	1	1	2	1	1	1	
SD	2	2	1	1	1	1	1	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

NITROGEN DIOXIDE (CC109)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6
 JUN, 1980
 AEROSOL ENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

DAY	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	8	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	8
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	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	4	4	4
6	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	4	4	4
7	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	4	4	4
8	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	4	4	4
9	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	4	4	4
10	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	4	4	4
11	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	4	4	4
12	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	4	4	4
13	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	4	4	4
14	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	4	4	4
15	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	4	4	4
16	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	4	4	4
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	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	4	4	4
22	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	4	4	4
23	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	4	4	4
24	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	4	4	4
25	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	4	4	4
26	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	4	4	4
27	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	4	4	4
28	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	4	4	4
29	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	4	4	4
30	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	4	4	4
AV	3	4	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	3	1	
SD	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

ABOUT (29 JAN 81)

NITROGEN DIOXIDE (CC1091)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT.#139
BONANZA, UTAH
SITE 6
JUL, 1980
AEROVIRONMENT INC.

* FJNAL DATA *
* AS OF 31/MAR/81 *

DAY	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
CLOCK HOUR (LOCAL STANDARD TIME)																										
1	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	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	6
25	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	6
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	2	2	2	1	1	1	2	3	3	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
SD	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

NITROGEN DIOXIDE (CC:09)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT.#139
BONANZA, UTAH
SITE 6
AUG. 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	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	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	0	2	2	2	2	2	2	2	2	2	(CA)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	(CA)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	(CA)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	6	0	0	0	0	0	0	0	0	6	(CA)	6	0	0	0	0	0	0	0	0	0	6	6	6	6	6
16	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	4	(CA)	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
25	0	0	0	0	0	0	0	0	0	0	(CA)	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	6	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	4	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SD	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AGOUT (29 JAN 81)

NITROGEN DIOXIDE ICC:091
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #119
 HONANZA, UTAH
 SITE 6
 SEP. 1980
 AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SD	0	0	0	0	0	0	1	2	2	1	1	1	0	1	1	0	0	0	0	0	0	1	1	0	0	1

NITROGEN DIOXIDE (CC109)
MICROGRAMS/CUBIC METER

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

OCT, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	0	0	0	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	9
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	8
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
24	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	4
25	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4
26	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
27	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
30	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	11
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
AV	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SD	1	1	1	1	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1

AGOUT (29 JAN 81)

NITROGEN DIOXIDE (CC809)
MICROGRAMS/CUBIC METER

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

NOV, 1980

AEROVIROMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	PFAK
1	0	0	0	0	0	0	0	0	4	4	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	2	2	2	0	0	2	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
AV	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
SD	1	1	1	0	0	1	2	3	2	2	2	2	2	1	1	1	2	1	2	1	1	0	0	0	0	1

NITROGEN DIOXIDE (CC109)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT.#139
BONANZA, UTAH
SITE 6
DEC. 1980
AFROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	4	0	0	0	0	0	(CA)	0	0	0	0	0	4	0	0	0	0	0	0	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	2	0	0	0	0	2
9	0	2	2	0	0	2	2	2	2	0	2	0	2	2	2	2	2	2	0	0	2	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	2	2	2	2	2	2	2	0	2	0	0	1	2
11	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	6	0	0	0	2	2	2	2	1	6
12	2	0	0	0	0	2	0	0	2	0	2	2	2	2	0	2	2	0	2	2	2	2	2	2	2	6
13	2	0	0	2	0	0	2	0	2	0	2	2	2	2	2	0	2	6	2	2	2	2	2	2	2	6
14	2	2	0	2	0	0	2	0	2	0	2	2	2	2	2	0	2	0	0	2	2	2	2	2	2	6
15	2	2	0	0	0	0	2	2	2	0	(CA)	0	0	0	0	6	0	2	2	2	2	2	2	2	2	6
16	2	0	2	0	2	0	0	0	2	0	2	0	0	0	0	6	0	2	2	2	2	2	2	2	2	6
17	2	2	0	2	0	2	2	2	0	0	(CA)	2	0	0	6	2	2	2	2	2	2	0	4	2	2	6
18	0	2	2	2	0	2	2	0	0	2	2	2	2	6	2	2	2	2	6	0	2	2	2	2	2	6
19	2	2	2	2	2	2	2	2	0	0	(CA)	2	2	0	2	2	2	2	4	4	4	4	4	4	4	6
20	4	4	4	4	4	0	4	4	4	2	0	2	4	0	8	2	2	4	4	4	4	4	4	4	4	8
21	4	4	4	4	4	4	4	4	4	0	2	4	4	4	0	2	2	0	0	0	0	4	4	4	4	8
22	4	4	4	4	4	4	4	4	4	8	0	2	4	4	0	2	2	0	0	2	0	2	0	4	4	11
23	0	2	0	0	4	0	0	0	0	2	4	4	0	0	2	2	2	2	0	0	11	2	0	4	3	
24	0	0	0	0	0	0	0	0	0	0	(CA)	4	4	0	0	4	4	4	0	4	4	0	4	0	4	
25	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	2	2	0	4	4	4	4	4	4	4	
26	4	0	4	0	0	0	0	0	0	(CA)	0	4	0	0	4	0	2	0	0	0	4	4	4	4	4	
27	0	0	0	0	0	0	0	0	0	4	0	4	0	4	0	0	0	0	0	0	4	4	4	4	4	
28	4	0	4	0	4	0	4	4	4	4	4	4	4	0	4	4	4	8	4	4	0	4	4	4	8	
29	0	4	0	0	4	0	4	4	4	0	4	4	4	4	4	4	4	4	0	4	0	4	4	4	4	
30	4	0	0	0	0	0	0	0	0	6	6	6	6	6	0	0	6	4	9	6	6	6	6	6	9	
31	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
AV	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	1	2	2	2	2	1	1
SD	2	1	2	1	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

OXIDES OF NITROGEN (CC110)
MICROGRAMS/CURIC METER

WHITE RIVER SHALE PROJECT, #139
RONANZA, UTAH
SITE 6
JAN, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 11/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	9	9	8	8	8	8	8	8	8	19	13	11	11	11	11	11	11	11	11	11	11	11	11	9	13	19
12	11	11	11	11	11	11	11	13	13	13	13	13	13	13	11	11	11	11	11	11	11	11	11	11	10	19
13	11	11	11	11	11	11	11	9	11	11	15	15	15	15	19	17	9	11	17	15	15	9	11	11	12	13
14	11	11	11	15	15	15	15	17	17	15	11	11	11	11	11	11	11	6	6	9	11	6	9	11	11	17
15	0	15	9	9	6	4	2	8	9	9	9	9	4	13	13	13	13	13	9	4	4	13	9	13	9	15
16	9	9	9	9	9	9	9	9	9	15	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	21
17	0	88	41	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	9	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	4	8	5	5	5	3	3	3	3	4	3	3	4	4	5	3	3	3	3	3	3	3	3	3	4	4
SD	5	19	9	9	8	5	5	5	6	5	5	6	7	7	7	6	5	5	5	5	5	5	5	5	6	6

OXIDES OF NITROGEN (CC:10)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6
 FEB, 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0
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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(IM)	(IM)	()
AV	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	()
SD	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	()

OXIDES OF NITROGEN ICC:101
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6
 MAR. 1980
 AEROSYSTEMS INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

DAY	CLOCK HOUR ((LOCAL STANDARD TIME)																								AVE	PFAK
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	17	17	13	13	13	8	13	13	13	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	13	
12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
13	13	13	15	13	13	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
14	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
15	13	13	11	11	11	11	11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
16	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
17	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
18	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
25	0	0	0	2	2	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AV	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	
SD	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	

OXIDES OF NITROGEN (CC110)
MICROGRAMS/CUBIC METER

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

APR. 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2	0	0	0	0	0	0	0	0	4	0	0	4	4	4	4	4	4	4	4	4	4	0	0	4	0	4
3	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	4
4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	4	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	4	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4
20	4	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4
21	4	4	4	4	4	4	4	4	4	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	3	8
22	0	4	4	4	4	4	4	4	4	4	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	8
23	0	4	4	4	4	4	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	4
24	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	4	4	4	4	4	4	4	4	4	2	4
25	0	4	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	4
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4
27	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	4
28	0	0	0	0	0	4	4	8	8	4	4	4	0	4	4	4	4	4	4	4	4	4	4	4	3	8
29	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	4
30	4	4	4	4	4	4	4	4	0	4	4	0	(CA)	9	19	15	4	4	0	0	0	0	0	0	4	19
AV	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
SD	1	2	2	1	1	1	2	2	2	2	2	2	2	2	4	3	2	2	2	2	2	2	2	2	2	1

OXIDES OF NITROGEN (CC110)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 RONANZA, UTAH
 BITE 6
 MAY, 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *
 * *****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	4	0	4	4	0	0	0	0	0	0	4	0	0	0	0	4	4	4	4	4	4	2	4
2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6
3	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	6
4	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	6
5	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	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	6	6	6
7	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	6
8	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	6
9	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	6
10	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
AV	2	2	1	1	1	1	2	2	4	3	4	3	4	3	3	3	3	3	2	2	2	2	2	2	2	1
SD	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1

OXIDES OF NITROGEN [CC110]
 MICROGRAMS/CUBIC METER

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

JUN. 1980

AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	8
2	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	11
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	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	4
6	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	4
7	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	4
8	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	4
9	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	4
10	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	4
11	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	4
12	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	4
13	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	4
14	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	4
15	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	4
16	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	4
17	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	4
18	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	4
19	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	4
20	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	4
21	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	4
22	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	4
23	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	4
24	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	4
25	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	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	4
27	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	4
28	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	4
29	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	4
30	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	4
AV	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	4
SD	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

ABOUT [29 JAN 81]

OXIDES OF NITROGEN (CC#10)
 MICROGRAMS/CUBIC METER

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

JUL, 1980

AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
AV	2	2	2	1	1	1	2	2	3	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2
SO	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

OXIDES OF NITROGEN (CC110)
MICROGRAMS/CUBIC METR

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

AUG. 1980

AFROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	2	2	2	2	2	2	2	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4	6	6	6	6	6	6	6	6	6	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	6
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	4	4	4	4	4	4	4	4	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	4
21	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	4
22	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	4
23	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	4
24	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	4
25	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	4
26	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	4
27	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	4
28	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	4
29	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	4
30	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	4
31	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	4
AV	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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	2	2

AMOUNT (29 JAN 81)

OXIDES OF NITROGEN (CC110)
MICROGRAMS/CUBIC METER

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

SEP, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR {LOCAL STANDARD TIME}

DAY	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2	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	4
3	4	4	4	4	4	4	4	4	4	4	4	[CA]	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	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	4
6	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	4
7	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	6
8	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	6
9	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	6
10	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	6
11	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	6
12	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	6
13	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	6
14	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	6
15	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	6
16	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	6
17	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	6
18	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	6
19	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	6
20	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	6
21	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	6
22	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	6
23	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	6
24	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	6
25	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	6
26	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	6
27	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	6
28	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	6
29	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	6
30	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	6
AV	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	6
SD	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

AGOUT (29 JAN 81)

OXIDES OF NITROGEN (CC:10)
 MICROGRAMS/CUBIC METER

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

OCT. 1980

AFROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	13	13	13	(CA)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	13
2	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	6
3	6	6	6	6	6	6	6	6	6	6	(CA)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4	6	6	6	6	6	6	6	13	13	13	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	13
5	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	6
6	6	6	6	6	6	6	6	6	6	6	(CA)	(CA)	11	6	6	6	6	6	6	6	6	6	6	6	6	6
7	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	11
8	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	11
9	6	6	6	11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
10	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	6
11	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	6
12	6	6	6	6	6	6	6	11	17	17	11	11	11	6	6	6	6	6	6	6	6	6	6	6	6	8
13	6	6	6	6	6	6	6	6	6	6	6	(CA)	6	6	6	6	6	6	6	6	6	6	6	6	6	11
14	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	6
15	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	6
16	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	6
17	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	6
18	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	6
19	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	6
20	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	6
21	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	6
22	6	11	11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	11
23	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	11
24	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	11
25	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	11
26	11	11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	11
27	11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	11
28	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	11
29	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	11
30	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	11
31	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	4
AV	6	6	6	6	6	6	7	7	9	8	7	7	7	7	7	7	7	8	8	7	6	6	6	6	6	7
SD	1	1	1	1	1	0	2	3	3	3	2	2	2	2	2	2	2	3	3	2	2	0	1	1	1	1

AGOUT (29 JAN 81)

OXIDES OF NITROGEN ICC:10)
MICROGRAMS/CUBIC METER

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

NOV. 1980

AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	4	4	4	4	4	11	11	11	11	11	4	4	11	11	4	4	4	4	4	4	4	4	6	11			
2	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	4	4			
3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	15	4	4	4	4	4	4	4	4	5	15		
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	4	4	6	9		
5	4	4	4	4	4	4	4	4	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	7	9		
6	9	9	9	9	9	9	9	9	9	9	9	9	9	(CA)	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
7	9	9	9	9	9	9	9	9	9	9	13	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
8	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	4	4	9		
9	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	4	4	9		
10	4	4	4	4	4	4	4	4	4	9	17	(CA)	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
11	9	4	4	4	4	4	4	4	13	13	23	17	13	9	9	9	9	9	9	9	9	9	9	9	9	9	17	17		
12	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	4	4	23		
13	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	4	4	4		
14	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	4	4	4		
15	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	4	4	4		
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4		
17	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	13	
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11	
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11	
21	8	2	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11	
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11	
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11	
24	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11	
25	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	11
AV	4	4	4	3	3	4	4	5	7	8	8	6	6	5	5	5	6	6	6	5	4	4	3	3	3	3	5	11		
80	3	2	2	2	2	2	4	4	4	5	6	5	3	3	3	3	4	3	3	3	2	2	2	2	2	2	2	2	11	

ABOUT (29 JAN 81)

OXIDES OF NITROGEN (CC110)
MICROGRAMS/CUBIC METER

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

DEC. 1980

AERVIROINMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	9	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	6
3	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	6	6	6
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9
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	6	6	2	6
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9
8	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	6	0	6
9	0	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	5	6
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9
12	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	6	5	9
13	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	6	5	9
14	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	6	5	9
15	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	6	5	9
16	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	6	5	9
17	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	6	5	9
18	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	6	5	9
19	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	6	5	9
20	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	6	5	9
21	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	6	7	9
22	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	6	7	13
23	9	13	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	13
24	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	13
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	13
26	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	13
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	13
28	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	7	13
29	9	13	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	7	13
30	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	13
31	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	6	7	13
AV	4	4	3	2	3	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	1
SD	3	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	1

ABOUT (29 JAN 81)

OZONE (CC111)

MICROGRAMS/CUBIC METER

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

JAN, 1980

AEROSOL INC.

* OFFICIAL DATA *
* AS OF 15/APR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG	PEAK
1	61	57	57	55	55	53	51	47	51	51	61	65	65	67	67	65	65	63	61	55	51	51	55	61	58	67
2	57	57	57	55	55	53	51	47	55	57	[CAI]	57	57	61	63	63	63	61	59	55	61	61	61	61	58	63
3	61	61	59	55	53	53	51	49	47	49	51	53	55	57	59	61	61	61	59	59	59	59	57	59	56	61
4	57	57	57	53	53	53	53	53	53	53	[CAI]	53	55	57	57	57	57	57	55	55	57	55	57	57	55	57
5	57	57	55	55	51	47	45	43	49	51	51	53	53	55	59	59	59	57	57	57	57	55	49	53	59	
6	51	51	49	51	49	45	45	45	47	49	76	88	82	82	82	82	82	80	73	73	67	67	67	63	65	96
7	63	63	61	59	55	53	53	55	55	55	[CAI]	69	73	78	82	76	74	61	61	61	61	61	61	55	64	82
8	57	49	53	51	45	35	33	33	41	45	53	59	73	73	74	59	69	69	71	73	73	73	63	73	58	74
9	73	69	67	69	67	67	67	67	71	71	73	73	74	74	74	73	73	71	67	61	63	57	61	61	68	74
10	59	59	57	55	57	61	61	63	69	67	67	67	71	73	74	73	76	76	78	78	76	78	76	71	68	78
11	71	67	65	65	61	59	59	55	57	67	69	71	73	74	78	78	78	74	71	73	74	71	73	74	69	84
12	73	73	73	71	76	67	65	67	67	67	69	71	73	74	73	74	74	73	69	61	57	59	55	51	64	76
13	53	55	53	49	49	45	47	45	45	47	49	65	67	78	80	74	74	73	69	69	61	59	61	55	59	80
14	59	59	55	51	51	51	51	49	59	57	49	51	59	67	57	53	45	57	53	51	47	45	43	49	53	67
15	55	47	47	41	39	41	43	43	47	49	51	59	65	76	88	82	74	67	55	49	65	65	63	53	57	88
16	57	53	55	59	55	53	63	53	55	53	53	55	74	76	73	80	78	78	73	69	73	71	67	67	64	80
17	65	55	59	51	51	57	53	49	43	47	63	63	69	67	71	80	71	69	65	63	57	57	57	57	60	80
18	53	51	59	55	53	49	45	43	39	43	49	51	[CAI]	57	59	63	63	74	57	53	74	57	55	51	54	74
19	49	53	53	53	67	53	53	53	53	57	55	53	57	55	65	63	63	55	65	67	67	65	63	63	58	67
20	51	57	49	86	49	65	47	69	55	49	61	71	69	67	69	67	67	67	61	61	51	45	55	57	60	86
21	67	65	63	63	65	65	63	63	63	61	[CAI]	65	65	65	65	65	67	69	69	69	67	67	69	69	66	69
22	71	69	63	69	69	71	71	71	71	73	74	74	76	76	76	78	74	71	57	45	43	43	41	43	65	78
23	39	33	39	33	27	31	31	27	27	[CAI]	63	63	63	69	73	73	73	73	73	71	73	69	67	61	54	73
24	69	65	63	61	61	65	61	59	55	[CAI]	[CAI]	59	59	65	65	65	67	67	67	67	67	65	65	63	64	69
25	65	73	78	57	59	55	[IMI]	[IMI]	[IMI]	[IMI]	[IMI]	51	55	55	57	61	61	61	65	61	61	61	57	53	60	78
26	53	53	53	49	49	49	49	45	45	45	53	55	57	61	63	67	67	67	59	57	63	61	59	59	57	67
27	57	57	53	53	51	45	43	43	43	49	51	53	59	61	63	74	63	61	74	59	59	63	63	59	57	74
28	61	98	63	69	71	71	69	69	69	69	69	71	71	73	74	69	74	73	65	67	74	73	71	71	98	
29	73	73	73	71	69	69	71	73	73	73	73	73	82	88	90	90	90	94	84	82	84	84	73	73	79	94
30	69	69	67	67	65	65	63	63	63	59	[CAI]	73	80	92	92	98	96	94	86	82	82	78	73	77	98	
31	73	73	71	71	69	86	69	67	67	69	71	76	82	92	94	100	94	94	94	96	102	94	92	86	83	102
AV	61	61	59	58	56	56	54	54	54	57	60	64	67	70	71	72	70	71	67	64	65	64	63	61	63	1
SD	8	11	8	10	10	11	11	11	11	9	9	9	10	11	11	11	11	10	10	11	11	11	10	9	7	1

OZONE ICC1111

MICROGRAMS/CUBIC MEIER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
FEB, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 28/MAY/81 *

CLUCK HOUR (LOCAL STANDARD TIME)

DAY	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	80	76	80	82	78	74	71	102	71	73	74	(CA)	84	98	106	104	100	96	92	94	92	90	86	87	106		
2	86	80	82	76	74	76	73	69	63	74	78	82	92	98	100	102	118	110	112	116	116	110	106	110	92	118	
3	100	96	96	102	104	102	100	104	98	104	108	110	114	112	116	118	118	123	118	114	110	106	118	110	108	123	
4	104	98	102	100	94	92	90	92	96	94	(CA)	110	112	131	131	123	122	118	114	100	94	88	82	76	103	131	
5	71	71	61	63	71	63	65	63	57	65	65	80	90	92	100	120	102	104	102	100	84	73	76	120	82	120	
6	80	80	76	84	74	67	63	55	53	49	(CA)	84	102	110	106	112	120	120	116	106	114	108	106	104	91	120	
7	100	94	90	88	96	98	104	106	106	112	112	110	110	102	88	94	94	92	86	82	78	76	76	76	96	112	
8	82	82	78	71	69	65	63	59	59	61	(CA)	67	65	84	90	82	90	84	84	84	84	84	76	82	76	92	
9	80	73	78	73	74	73	74	76	74	76	84	74	96	94	98	98	98	98	98	96	84	80	74	82	83	98	
10	88	84	80	80	78	78	73	74	69	73	71	88	90	102	110	116	114	116	123	118	96	92	90	88	87	108	
11	90	90	88	94	84	80	82	78	71	82	(CA)	80	88	94	98	102	108	108	108	96	90	82	80	84	89	108	
12	71	69	63	69	65	65	65	63	65	71	86	116	108	114	127	131	131	125	125	131	125	122	120	123	97	131	
13	122	120	116	120	118	114	118	114	112	108	120	120	125	135	135	137	135	120	116	123	118	110	108	106	120	137	
14	90	90	86	90	84	84	76	74	78	98	(CA)	108	112	114	112	106	100	100	98	96	96	92	88	88	95	114	
15	82	64	76	69	76	71	61	55	55	65	65	69	74	78	82	86	90	88	90	88	84	84	76	76	76	90	
16	84	82	80	78	78	76	74	74	67	74	74	78	82	88	88	88	76	80	80	73	65	53	53	53	75	90	
17	51	49	53	53	53	47	61	55	55	67	(CA)	63	63	65	71	73	71	67	63	63	74	78	73	67	62	78	
18	67	63	73	90	84	71	59	59	53	43	57	80	80	80	78	82	80	74	67	53	47	43	45	47	66	90	
19	59	59	61	59	59	53	55	59	59	55	(CA)	59	57	61	76	73	76	76	67	41	41	59	51	47	59	76	
20	45	39	57	47	49	57	39	41	47	59	84	84	82	84	82	80	76	69	69	65	69	74	74	73	64	84	
21	69	65	59	55	59	57	55	45	47	73	78	(CA)	86	86	88	88	88	76	59	55	55	55	74	74	69	90	
22	71	63	53	67	78	73	61	63	45	61	76	84	80	92	94	94	92	92	84	90	90	82	74	80	77	94	
23	76	63	51	45	51	43	43	55	49	67	76	78	82	86	78	90	92	76	80	55	55	55	55	55	65	92	
24	51	47	41	41	41	35	33	37	43	49	61	(CA)	76	84	92	94	90	76	82	57	49	43	49	49	60	94	
25	39	33	33	37	29	35	25	25	35	41	49	63	74	88	98	100	90	94	86	71	41	39	45	39	55	100	
26	37	41	37	31	29	29	27	31	33	(CA)	69	74	71	73	86	86	86	78	80	55	37	37	33	35	52	86	
27	35	35	35	29	27	20	22	22	31	45	49	51	61	71	67	65	63	57	51	51	47	37	31	31	45	71	
28	35	35	35	29	27	20	22	22	31	45	49	51	61	71	67	65	63	57	51	51	47	37	31	31	45	71	
29	22	27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	25	27
AV	73	70	70	70	70	67	65	65	63	71	77	84	87	93	96	98	98	95	92	86	80	78	76	77	77	()	
SD	22	22	20	22	22	22	23	23	21	18	18	18	18	17	16	17	18	18	19	24	25	23	24	25	20	()	

OZONE (CC111)

MICROGRAMS/CUBIC METER

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

MAR, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 15/APR/81 *

CLOCK HOUR ILOCAL STANDARD TIME)

DAY	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	PFAK
1	IMI	IMI	IMI	IMI	IMI	IMI	IMI	IMI	IMI	43	63	65	73	69	80	84	84	80	74	57	37	33	37	35	61	84
2	29	29	27	27	25	22	22	18	20	27	35	51	61	63	67	74	71	74	73	59	47	39	39	39	43	74
3	35	35	31	31	25	25	27	25	45	55	55	[CA]	[CA]	[CA]	[CA]	90	88	94	90	67	63	65	71	74	50	94
4	74	80	76	71	65	59	49	43	47	49	51	73	82	86	88	71	88	74	74	74	76	71	63	63	70	94
5	59	59	55	51	47	55	53	55	63	63	63	ICA	80	86	86	82	82	84	84	86	86	66	78	80	71	88
6	80	80	80	73	84	84	80	76	69	69	74	74	74	73	82	86	84	76	71	65	55	57	41	43	72	86
7	37	35	41	47	65	55	59	49	63	76	82	ICA	80	86	86	88	88	88	82	78	76	71	63	57	67	88
8	59	59	73	69	63	53	49	51	57	73	82	90	92	92	92	88	88	90	90	86	84	69	78	74	75	94
9	61	61	67	63	59	63	63	65	73	82	88	88	92	90	92	94	90	92	92	73	73	73	71	73	75	94
10	71	69	63	57	51	49	45	43	55	67	74	82	82	88	90	90	90	86	78	65	57	57	53	69	90	
11	47	47	41	39	37	33	25	29	31	35	39	65	74	74	76	82	82	80	78	74	94	80	76	78	59	94
12	57	76	82	78	82	84	80	80	78	78	ICA	80	82	86	88	92	96	92	90	86	80	74	61	61	80	96
13	61	61	55	61	51	51	37	41	53	69	78	80	80	80	78	82	80	74	71	76	69	71	69	65	66	82
14	55	51	43	37	37	31	29	33	41	59	ICA	69	76	78	82	88	86	86	86	78	76	71	59	57	61	92
15	55	63	71	67	71	65	57	49	47	57	82	76	76	78	78	94	94	94	90	86	76	74	74	78	74	96
16	88	94	90	88	84	80	76	71	76	76	76	76	76	78	78	90	90	80	80	73	71	65	59	59	78	94
17	57	51	49	55	53	53	53	53	53	59	ICA	71	78	84	100	100	100	86	82	78	74	82	67	63	70	100
18	65	43	43	45	37	39	51	37	35	57	53	69	86	98	88	88	90	92	90	84	67	65	57	57	64	98
19	57	59	51	45	39	37	37	37	39	55	[CA]	73	84	86	90	96	92	102	100	84	78	74	69	55	64	102
20	41	41	43	45	35	35	35	37	49	59	71	76	78	71	76	76	76	80	73	76	76	65	63	82	61	82
21	53	47	43	39	37	37	33	41	51	73	[CA]	82	86	90	88	86	98	98	98	94	84	84	92	96	71	98
22	82	82	90	84	78	78	74	69	73	69	73	69	74	73	76	78	69	74	74	73	63	67	61	59	73	90
23	67	67	65	53	53	49	41	33	47	71	78	80	82	84	84	76	86	82	74	61	71	82	78	73	68	86
24	51	51	69	74	69	57	55	57	53	45	65	73	[CA]	86	86	86	84	84	80	69	69	65	57	51	67	86
25	45	49	53	63	59	55	49	59	65	69	71	71	94	[CA]	67	76	76	78	73	69	74	80	76	67	94	86
26	78	74	73	71	65	65	53	53	59	74	73	76	78	82	88	88	88	82	71	65	69	73	71	73	90	88
27	69	61	57	49	53	47	49	49	59	71	80	88	86	88	88	86	82	84	80	84	82	80	71	72	88	88
28	61	63	65	76	71	71	69	73	69	[CA]	76	76	76	88	88	80	78	76	76	73	74	63	61	72	80	88
29	51	55	65	51	33	31	33	45	65	71	[CA]	82	86	86	88	88	88	88	76	69	53	59	55	57	64	88
30	57	80	43	39	37	33	33	37	47	63	74	76	80	92	102	106	102	98	84	82	82	80	78	76	70	106
31	73	74	74	67	69	69	74	76	74	78	[CA]	80	82	84	84	86	90	94	92	90	86	74	78	74	79	94
AV	59	60	59	57	54	52	50	49	55	63	69	76	80	83	85	86	87	86	82	76	72	69	66	65	68	11
SD	14	16	17	16	17	17	17	16	14	13	13	8	7	8	8	8	8	7	8	9	13	12	12	13	7	11

OZONE (CC:11)

MICROGRAMS/CUBIC METER

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

APR, 1980

AEROSOL INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	69	69	67	63	78	90	80	76	82	90	92	90	92	94	96	96	96	98	92	94	102	106	106	108	89	108	
2	112	102	98	96	96	86	86	88	86	ICA	100	106	104	110	110	112	114	112	108	98	88	78	82	80	9A	114	
3	76	74	78	76	73	74	69	69	82	74	69	82	104	106	106	104	104	98	100	88	71	65	57	49	83	106	
4	49	53	47	47	39	35	33	39	51	ICA	74	A2	88	92	96	96	98	96	86	80	76	76	69	65	68	98	
5	57	55	49	45	39	33	33	37	43	51	69	96	106	106	108	106	102	100	106	108	104	88	A2	A2	75	108	
6	78	90	94	96	90	84	74	76	82	90	92	90	92	94	94	96	96	100	98	92	84	73	88	76	8A	100	
7	67	76	88	88	86	92	90	88	88	86	100	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	8A	100	
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	53	49	51	41	41	41	37	45	55	80	94	100	106	114	114	116	120	127	125	116	102	84	82	76	97	110	
20	69	57	51	49	45	37	35	43	59	88	100	112	118	123	120	112	114	116	112	100	94	92	90	86	84	123	
21	84	94	98	110	102	94	96	106	114	114	ICA	108	116	114	92	90	90	96	116	90	82	92	73	55	97	116	
22	55	41	35	35	29	33	25	33	47	67	65	84	94	100	96	96	92	98	100	98	96	92	98	90	71	100	
23	73	63	55	61	55	67	55	51	63	65	ICA	73	82	88	90	96	98	98	100	98	82	78	98	100	76	100	
24	94	80	71	65	61	63	65	67	65	69	73	88	84	80	90	90	96	90	100	98	104	104	106	102	84	106	
25	94	90	92	90	74	63	61	74	92	98	ICA	108	118	120	120	122	123	122	118	108	108	108	108	108	100	108	123
26	100	90	69	67	63	49	47	59	100	110	112	120	122	123	118	118	116	110	96	84	73	73	69	98	123	123	
27	71	71	67	59	55	45	47	59	71	84	100	104	106	110	112	114	116	116	114	108	92	84	76	78	86	116	
28	76	65	63	59	57	49	51	55	69	84	100	102	123	ICA	100	106	106	102	96	78	73	80	73	74	80	123	
29	74	59	59	57	53	61	61	69	76	90	96	110	110	106	106	104	98	100	98	88	78	80	82	82	83	110	
30	78	67	67	67	69	59	53	57	71	73	74	76	ICA	80	84	84	92	92	90	84	80	76	74	69	75	92	
AV	75	71	68	67	63	61	58	63	73	84	90	97	104	104	103	103	104	104	104	95	89	85	83	80	85	1	
SD	16	16	18	20	20	21	20	19	18	15	14	12	12	13	11	10	10	11	10	10	11	11	13	16	9	()	

OZONE (CC111)

MICROGRAMS/CUBIC METER

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

MAY, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/A1 *

CLOCK HOUR (LOCAL STANDARD TIME)

OAY	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	61	67	63	53	45	39	37	61	86	92	104	112	114	114	106	106	104	104	106	106	104	84	71	63	84	114
2	51	47	49	37	31	33	33	45	71	84	86	78	98	100	100	102	96	96	88	80	67	59	49	39	68	102
3	39	37	33	29	33	35	33	37	41	69	82	90	106	114	114	112	102	94	94	84	76	67	84	72	84	116
4	76	63	57	49	31	20	22	33	51	65	94	104	116	112	110	106	100	90	84	84	82	80	78	84	76	116
5	82	63	53	43	33	35	33	41	61	110	[CA]	106	108	104	100	102	104	102	96	86	69	57	49	43	73	110
6	43	29	33	29	27	24	20	31	71	94	94	98	102	96	92	92	88	88	82	69	65	55	63	49	64	102
7	41	35	29	33	29	22	29	51	[CA]	[CA]	94	102	104	102	118	114	112	108	100	100	86	69	65	65	75	118
8	39	33	29	29	33	31	33	33	53	74	100	104	106	102	108	110	114	108	112	104	98	96	94	89	133	116
9	84	90	74	76	84	69	59	71	90	[CA]	[CA]	[CA]	118	123	133	125	114	106	96	88	80	65	71	63	89	133
10	47	41	35	29	35	53	55	57	63	78	78	84	92	90	90	98	90	90	102	100	98	92	84	69	73	102
11	59	57	67	71	82	94	106	112	114	106	104	102	96	88	86	86	80	92	102	96	80	102	102	110	91	114
12	100	108	92	94	94	82	92	88	90	90	[CA]	94	96	94	96	94	90	86	100	100	86	80	74	67	91	108
13	57	53	33	27	29	25	31	45	51	76	92	96	104	106	108	118	114	108	96	84	84	78	63	45	73	118
14	37	39	35	31	29	29	33	35	94	74	80	86	96	104	104	104	108	104	98	92	94	88	86	74	73	108
15	63	49	43	35	24	20	24	43	63	86	102	108	110	106	102	100	106	108	106	100	98	98	92	92	74	110
16	80	67	47	41	37	31	33	47	74	92	112	108	108	106	104	100	102	94	92	92	96	92	110	123	83	123
17	116	102	94	96	96	92	92	94	104	118	120	120	118	116	114	116	112	110	106	90	78	67	51	47	94	120
18	37	33	31	31	29	31	35	39	59	71	86	108	112	114	116	116	122	118	118	108	76	71	61	57	74	122
19	53	55	45	41	37	31	35	47	69	104	108	108	110	112	112	112	112	108	94	84	84	71	67	63	79	112
20	53	49	47	35	33	31	35	43	63	78	90	110	114	112	110	108	104	106	104	96	74	63	63	61	74	114
21	53	45	39	33	33	29	33	45	67	57	[CA]	98	104	108	110	112	110	110	98	80	69	69	65	65	73	112
22	55	49	39	39	31	29	29	43	53	67	84	86	102	108	106	108	110	110	104	104	104	96	94	88	77	110
23	88	78	78	88	90	104	112	118	116	[CA]	118	118	116	114	110	106	104	108	108	102	90	86	84	92	101	118
24	92	92	94	98	98	92	96	108	106	106	110	108	108	114	122	131	139	141	139	118	100	90	82	80	107	141
25	74	73	73	71	65	65	71	73	74	78	86	94	100	100	108	96	84	82	76	82	63	51	43	41	76	108
26	39	37	45	47	39	35	41	47	57	88	108	106	131	133	123	120	131	137	122	100	86	69	61	61	82	137
27	59	53	45	45	45	41	43	51	65	80	80	76	80	82	86	88	90	90	90	86	76	61	51	49	67	90
28	43	49	39	37	31	25	27	47	94	90	110	120	106	110	116	118	114	114	108	92	80	90	100	82	82	120
29	104	106	102	96	86	84	88	116	108	120	120	118	118	120	127	129	129	131	129	125	104	98	86	111	131	131
30	74	76	69	63	57	51	53	73	88	98	104	112	[CA]	123	129	141	141	137	127	122	108	100	86	78	96	141
31	71	63	63	57	47	47	51	88	120	120	123	131	135	131	133	135	137	135	135	135	129	112	112	112	105	137
AV	64	59	54	51	48	46	49	60	77	88	99	103	108	108	109	110	110	108	106	99	88	80	75	72	82	()
SD	21	22	21	23	24	25	27	26	22	17	13	13	11	11	12	13	15	15	14	14	16	16	18	22	12	()

ABOUT (29 JAN 81)

OZONE ICC111

MICROGRAMS/CUBIC METER

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

JUN, 1980

AEROSOL ENVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	94	84	74	69	73	67	71	82	112	129	129	133	129	131	135	125	120	123	125	114	100	84	67	51	101	135	
2	47	47	37	31	25	25	33	61	112	122	127	122	118	129	135	135	139	129	123	122	108	98	88	92	92	139	
3	88	82	80	69	67	73	104	122	120	120	122	118	118	118	118	118	120	120	118	116	108	92	90	88	102	122	
4	84	80	90	80	84	80	74	90	108	110	[CA]	104	104	104	100	98	100	102	104	104	98	94	96	88	95	110	
5	82	73	65	63	53	49	53	61	80	92	96	98	102	108	110	110	112	114	110	110	106	104	100	102	90	114	
6	96	86	69	61	53	71	106	112	112	[CA]	125	114	112	114	120	120	118	114	112	116	114	108	96	86	102	125	
7	74	65	65	63	59	61	63	74	92	108	114	122	122	120	120	122	122	122	120	114	108	88	80	80	95	122	
8	76	73	71	59	55	49	53	63	82	92	106	118	123	122	120	120	118	116	110	104	96	74	74	71	90	123	
9	63	57	57	49	47	43	51	61	76	[CA]	100	106	112	118	114	112	112	114	110	104	94	76	74	76	84	118	
10	73	67	61	55	49	47	49	61	84	98	96	100	106	106	104	102	112	116	112	102	98	82	80	80	85	116	
11	78	78	76	71	59	55	55	69	94	127	127	133	135	141	143	143	143	139	139	127	116	112	98	86	106	143	
12	74	76	71	69	69	65	63	82	106	114	108	112	114	112	108	106	106	108	106	100	96	94	84	67	92	114	
13	61	59	57	51	51	51	51	67	69	[CA]	106	112	108	106	96	86	82	84	88	96	102	96	100	94	81	112	
14	84	84	78	69	57	55	59	67	84	94	100	112	122	114	114	116	120	118	120	118	106	98	94	94	95	122	
15	88	82	69	57	59	69	65	84	96	98	100	104	106	106	102	102	106	108	112	120	116	106	90	78	93	120	
16	71	67	67	55	49	49	55	71	74	90	[CA]	108	110	110	112	116	118	118	116	112	84	80	76	76	84	118	
17	67	63	63	59	55	55	59	69	90	104	110	120	127	120	120	120	120	120	114	104	82	78	74	76	90	127	
18	74	67	61	55	47	47	55	69	55	[CA]	110	116	110	110	106	102	102	102	96	96	92	86	80	71	82	116	
19	65	65	59	55	55	55	55	59	74	92	102	102	65	[CA]	[CA]	92	102	106	106	106	96	86	71	65	65	78	106
20	59	59	55	55	55	49	49	49	55	82	92	102	102	92	[CA]	[CA]	102	106	106	102	92	86	86	74	80	106	
21	71	71	65	55	45	45	45	59	74	106	110	110	106	110	110	110	110	116	110	110	92	86	82	74	87	116	
22	65	59	55	49	45	45	55	59	86	102	106	106	106	110	116	122	125	125	122	125	116	106	92	76	91	125	
23	86	96	102	86	86	86	86	102	106	106	106	106	106	106	102	102	102	102	102	102	96	96	92	76	97	106	
24	65	59	55	49	45	45	45	35	73	82	92	92	86	86	86	92	92	96	92	86	82	73	65	59	72	96	
25	65	45	41	35	31	25	31	35	76	[CA]	[CA]	73	96	96	96	102	102	92	86	86	86	76	76	73	69	102	
26	65	59	59	55	49	45	49	55	73	82	82	86	92	86	86	92	86	86	86	86	86	82	76	67	74	92	
27	76	92	96	96	96	96	102	102	[CA]	102	102	102	102	102	102	102	102	102	102	110	110	106	86	82	99	110	
28	82	76	67	59	55	55	59	67	82	96	102	102	106	106	102	96	96	92	86	76	67	67	67	67	81	106	
29	61	55	49	45	45	45	49	55	67	76	76	92	86	92	92	92	86	92	92	82	86	82	73	67	73	92	
30	55	55	49	45	45	41	45	49	67	61	61	61	73	76	76	82	82	76	82	76	67	61	61	35	62	82	
AV	73	69	65	59	56	55	59	69	87	100	104	106	107	109	109	108	109	109	107	105	97	88	82	76	87	111	
SD	12	13	14	14	15	15	16	18	16	16	15	15	15	14	15	14	15	14	13	13	12	13	11	13	11	11	

OZONE (CC:11)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT #139
 BONANZA, UTAH
 SITE 6

JUL, 1980

AFROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	PFAK	
1	41	57	49	49	41	41	41	57	73	76	76	82	86	86	86	86	86	76	76	76	67	57	61	45	65	86	
2	35	31	41	31	31	45	35	41	61	73	76	82	82	82	73	76	82	92	76	67	61	49	49	49	59	92	
3	45	35	25	25	20	20	31	31	57	61	73	82	82	82	86	86	86	82	86	82	76	67	73	57	60	86	
4	51	51	76	82	86	86	86	92	92	92	92	92	96	92	92	92	96	96	96	92	76	67	61	57	83	96	
5	45	41	35	31	31	31	35	51	67	82	92	98	98	104	98	98	98	98	98	92	76	76	73	72	104	104	
6	47	67	57	47	35	35	35	51	61	76	86	86	92	92	92	92	92	92	98	92	86	73	67	57	71	98	
7	57	51	51	47	41	35	41	[CA]	47	57	76	86	86	86	86	94	94	94	94	94	82	82	73	82	71	94	
8	82	82	86	76	76	76	73	86	108	112	112	108	108	104	98	98	98	98	104	104	86	82	67	61	90	112	
9	51	47	47	35	35	31	43	[CA]	61	76	94	94	98	98	98	98	104	98	98	94	88	82	82	82	75	104	
10	73	67	57	47	47	43	47	57	73	94	104	98	94	94	88	88	88	88	88	88	88	82	76	67	61	75	104
11	51	43	43	43	37	43	43	51	57	[CA]	88	94	88	88	88	88	88	88	88	88	76	73	67	67	61	68	94
12	61	57	47	43	47	47	47	47	76	88	88	84	84	98	104	98	98	98	94	88	88	108	104	94	68	108	
13	88	84	88	84	76	94	88	76	94	94	104	104	108	94	94	94	94	94	94	84	84	78	73	73	89	108	
14	61	61	51	47	51	57	57	73	84	94	94	108	88	88	88	88	88	84	84	84	78	78	78	61	76	108	
15	57	61	61	57	51	43	47	51	78	98	108	112	112	112	112	108	108	108	104	108	104	98	78	73	85	112	
16	73	61	51	47	47	43	51	67	84	84	98	104	104	104	104	104	104	104	98	98	67	61	57	57	78	104	
17	61	47	43	43	43	43	43	61	78	84	88	98	104	104	104	104	108	112	98	98	94	84	61	67	78	112	
18	61	61	51	57	43	33	37	37	61	78	108	98	98	104	108	112	125	125	125	120	120	98	94	94	85	129	
19	84	94	88	78	78	67	61	84	114	125	129	133	133	129	129	133	129	129	129	120	108	98	94	88	104	133	
20	69	61	57	51	47	47	51	61	78	88	104	108	114	108	114	108	114	114	114	104	98	74	69	61	84	114	
21	61	61	61	57	51	47	51	61	74	94	98	110	114	110	104	110	110	114	110	110	74	74	74	69	83	114	
22	61	69	57	61	51	51	51	61	74	94	104	110	110	110	110	114	114	106	106	106	98	94	84	84	87	114	
23	84	78	78	74	63	57	63	69	88	106	110	[CA]	129	114	110	94	94	94	106	88	74	69	74	63	86	129	
24	51	51	51	47	47	47	47	51	69	98	114	114	120	120	120	120	120	110	106	106	98	88	74	57	84	120	
25	47	37	43	37	33	33	33	57	63	[CA]	94	98	106	110	110	106	106	106	106	88	78	74	74	63	75	110	
26	63	69	63	63	59	51	33	47	63	78	88	106	106	106	106	106	106	106	98	88	88	78	74	69	83	106	
27	63	63	51	33	33	33	33	37	63	78	88	94	94	94	94	94	94	94	88	74	63	59	47	83	67	94	
28	43	37	37	33	33	27	33	33	69	78	78	[CA]	106	110	110	106	114	129	133	125	94	84	74	74	77	133	
29	69	63	59	59	51	47	51	61	78	88	110	120	125	120	129	133	129	133	129	125	120	125	114	110	98	133	
30	110	94	78	78	69	63	69	78	104	[CA]	120	129	133	133	133	133	133	133	133	114	120	88	74	74	104	133	
31	69	63	69	63	53	53	53	63	84	114	129	133	133	133	133	133	133	125	125	114	110	94	88	88	100	133	
AV	62	59	56	52	49	47	49	60	76	88	98	102	104	103	103	103	104	105	102	97	85	81	74	69	80	()	
SD	16	16	15	16	15	16	15	15	15	15	15	15	15	14	15	14	15	15	15	15	16	16	14	15	11	()	

070NE (CC111)

MICROGRAMS/CUBIC METER

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

AUG, 1980

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	69	69	59	63	63	63	63	69	74	98	114	114	114	114	114	110	110	98	94	94	94	78	69	87	114
2	63	59	53	47	37	37	37	59	94	88	104	110	110	110	110	110	98	98	98	88	84	74	63	59	79	110
3	59	49	59	49	49	53	53	59	63	84	104	110	114	114	114	114	114	114	110	104	98	94	84	84	86	120
4	74	63	59	63	59	53	49	53	74	98	(CAI)	120	125	125	129	139	125	114	110	98	94	84	74	92	139	
5	74	63	53	53	49	45	49	49	69	78	94	110	114	120	120	125	125	125	120	114	98	94	104	98	89	125
6	88	94	84	84	69	63	74	74	(CAI)	104	104	114	120	120	120	120	120	120	114	98	88	84	74	74	95	120
7	69	59	59	69	59	53	49	59	74	94	104	108	108	108	114	108	114	108	108	98	88	78	74	69	84	114
8	78	78	74	69	63	59	59	(CAI)	84	98	98	98	104	108	114	129	129	120	108	88	84	94	104	91	129	91
9	94	84	84	74	59	53	53	88	94	108	114	108	104	108	108	108	108	108	108	94	78	69	63	63	89	114
10	63	59	53	53	49	45	49	53	74	84	94	104	104	104	108	108	108	108	114	108	94	84	74	74	84	114
11	69	63	63	53	53	49	49	59	84	78	(CAI)	112	120	112	112	112	112	112	108	94	74	69	63	82	120	
12	59	59	53	53	49	45	45	49	63	88	94	98	108	108	112	112	112	112	108	98	98	104	108	104	84	112
13	94	78	69	74	69	69	63	69	108	88	94	108	120	125	112	112	108	108	104	94	84	98	94	94	93	125
14	84	74	69	69	59	53	59	53	74	98	104	112	120	112	112	112	120	112	104	94	84	98	84	74	78	90
15	59	74	94	84	88	74	59	45	59	(CAI)	69	78	78	98	98	98	94	94	78	74	69	59	45	35	73	98
16	29	24	24	24	35	24	24	35	49	78	94	94	94	94	94	94	94	94	94	78	74	69	69	49	64	94
17	53	39	35	35	29	24	20	29	49	63	74	88	94	94	98	98	98	98	88	78	74	69	63	59	65	94
18	59	49	53	49	39	35	35	45	63	(CAI)	(CAI)	88	94	94	104	108	108	108	108	88	88	74	74	74	74	74
19	74	84	74	78	74	74	78	84	(CAI)	(CAI)	94	88	84	88	94	88	88	88	104	98	94	88	84	88	87	104
20	69	53	53	53	53	53	53	63	84	(CAI)	88	94	94	94	98	98	98	98	94	84	74	69	59	59	75	94
21	53	53	45	45	39	39	39	49	69	88	94	98	104	108	104	108	104	104	94	84	74	63	63	63	74	108
22	53	49	45	45	39	35	35	45	53	69	88	94	104	104	108	108	104	98	98	84	74	63	63	63	74	108
23	69	69	69	63	63	63	59	59	(CAI)	(CAI)	84	84	84	78	84	84	74	78	78	74	84	84	74	74	74	84
24	63	59	49	49	45	39	16	10	35	63	74	78	78	84	84	78	78	74	74	69	69	53	53	59	60	84
25	53	45	39	39	35	29	29	29	74	(CAI)	53	53	63	78	84	74	74	74	74	78	78	69	53	45	56	84
26	29	24	24	16	16	16	16	24	35	53	84	88	94	104	108	108	104	104	98	88	84	74	59	45	65	108
27	49	45	39	39	29	24	24	35	59	69	(CAI)	84	84	88	88	84	84	84	84	74	63	53	53	49	60	94
28	59	59	49	45	35	35	29	35	49	78	98	104	98	98	88	84	84	84	88	78	74	78	78	78	70	104
29	74	74	74	78	63	63	59	69	84	94	108	112	(CAI)	112	112	112	112	104	98	84	74	74	69	69	86	112
30	63	59	49	39	33	33	27	39	49	59	78	84	94	98	104	104	104	104	118	108	108	98	84	74	76	118
31	59	59	53	47	51	47	51	47	59	78	94	98	104	104	104	104	104	104	104	98	88	68	74	57	74	108
AV	65	60	57	55	50	47	45	53	67	81	91	98	100	102	104	105	105	104	101	93	85	79	75	70	79	(
SD	15	16	16	16	15	15	16	17	18	13	13	15	14	15	11	12	14	13	13	13	12	14	16	17	11	(

OZONE (CC111)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
SEP. 1980
AFROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	57	51	47	51	47	47	47	47	51	1CA1	84	88	88	94	94	94	94	88	88	61	57	57	57	51	67	94	
2	47	51	51	43	43	37	33	43	51	73	88	94	98	104	108	108	108	108	108	94	94	104	98	86	78	108	
3	76	76	76	73	61	51	47	47	57	76	92	1CA1	96	96	104	104	108	104	104	96	92	73	73	61	80	108	
4	61	57	57	57	47	47	43	47	61	86	92	102	106	106	106	102	96	96	96	73	61	61	61	57	74	106	
5	51	51	47	47	43	37	37	43	47	73	82	92	106	110	106	106	106	102	92	82	73	67	67	61	72	110	
6	61	57	51	47	43	43	43	43	61	96	102	96	96	96	96	96	96	86	82	76	73	67	73	73	64	102	
7	73	67	61	57	51	43	37	43	57	67	67	73	73	76	76	76	67	67	61	43	37	27	22	22	56	76	
8	37	57	57	51	43	37	27	33	47	1CA1	47	51	57	57	67	73	73	67	61	57	43	27	22	22	44	73	
9	16	12	12	12	16	16	16	16	27	43	47	51	51	51	57	57	67	67	67	67	67	47	47	37	37	57	76
10	43	43	43	37	43	43	43	37	1CA1	67	67	67	67	67	73	76	76	73	67	67	61	57	47	47	67	57	76
11	61	43	35	25	20	16	16	20	41	67	76	76	82	82	82	82	82	76	67	67	67	49	49	49	55	82	
12	45	45	49	49	41	31	25	35	45	102	82	86	86	92	92	92	82	76	61	82	73	55	45	49	63	102	
13	45	45	41	31	25	20	20	25	31	49	59	86	92	96	102	102	92	92	92	76	73	65	55	55	61	102	
14	49	45	45	41	35	35	31	35	41	55	71	65	71	71	74	74	74	71	65	45	45	45	41	35	52	74	
15	35	31	31	20	25	20	20	20	102	1CA1	1CA1	65	71	74	86	86	92	92	84	80	71	65	59	55	58	102	
16	55	49	49	45	35	45	45	45	49	71	92	90	80	80	84	84	96	106	102	102	96	84	80	71	72	106	
17	59	59	49	49	49	45	49	45	45	1CA1	84	84	84	84	84	84	84	84	74	59	49	49	45	41	62	84	
18	41	35	31	31	25	25	25	31	35	49	65	71	74	74	74	80	80	80	80	71	71	74	74	74	57	80	
19	71	74	80	84	90	90	84	80	80	71	84	1CA1	80	74	74	80	80	80	74	80	74	74	74	65	78	90	
20	71	65	49	35	35	35	25	31	49	71	80	80	84	84	84	90	90	84	80	80	71	59	59	59	65	90	
21	49	45	41	41	31	24	24	35	49	71	84	90	94	94	84	84	84	84	84	74	84	74	59	49	64	94	
22	45	41	33	33	33	29	29	33	41	55	1CA1	1CA1	74	80	84	90	90	94	84	65	59	55	49	49	57	94	
23	49	41	35	35	35	35	35	45	41	59	71	90	94	84	80	80	74	74	71	55	41	45	41	49	57	94	
24	59	55	55	55	49	45	45	41	45	49	1CA1	82	92	96	102	102	102	86	59	55	55	45	45	45	64	102	
25	41	41	41	55	49	49	45	41	49	55	76	92	106	106	112	112	106	96	73	67	59	55	49	70	112		
26	49	45	41	35	31	31	35	41	45	59	1CA1	1CA1	92	96	104	98	98	92	82	67	73	73	61	64	104		
27	55	49	45	45	45	41	41	41	57	61	82	86	104	108	108	108	104	88	73	67	73	67	73	61	71	108	
28	49	45	41	41	41	35	41	35	49	67	94	94	94	104	104	98	98	88	76	73	67	73	67	61	68	104	
29	57	51	45	41	41	45	45	41	45	67	1CA1	106	106	110	106	110	106	106	94	67	74	67	67	61	72	110	
30	51	51	47	47	47	47	35	31	47	67	96	110	106	110	110	106	106	96	84	74	61	61	57	61	71	110	
AV	52	49	46	44	41	38	36	38	50	66	79	83	87	88	91	91	90	88	81	71	66	61	58	54	64	111	
SD	12	12	13	14	14	14	13	11	14	14	14	15	15	16	15	14	14	14	14	14	15	16	15	14	9	111	

OZONE (CC:111)

MICROGRAMS/CURIC METER

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

OCT, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/HAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	51	47	43	43	35	35	31	31	47	[CA]	74	78	84	84	86	86	86	78	69	57	74	69	74	74	67	86
2	63	57	74	69	57	57	69	74	86	86	96	96	100	100	102	102	102	102	86	63	63	57	47	47	47	77
3	47	47	43	31	31	31	31	47	47	51	98	112	108	108	102	98	90	90	63	51	47	47	37	31	31	62
4	25	25	25	20	20	20	20	20	31	59	80	86	80	69	76	69	76	76	43	51	47	43	43	37	37	49
5	31	37	37	37	31	25	25	25	37	53	80	92	92	92	92	92	92	88	76	59	59	59	53	47	59	92
6	47	43	43	43	37	43	31	37	80	[CA]	[CA]	88	104	110	104	104	104	100	88	63	63	59	59	53	53	68
7	53	49	43	49	43	33	33	33	53	59	82	88	88	100	104	112	116	112	82	71	78	71	71	65	79	116
8	59	53	53	53	53	33	33	37	53	[CA]	94	112	112	122	122	122	122	122	88	82	78	78	65	61	79	122
9	53	53	53	49	49	43	37	37	53	78	90	106	112	112	112	112	106	106	82	65	73	73	73	61	75	112
10	61	53	53	53	61	61	73	65	73	[CA]	90	102	102	106	114	114	102	102	90	65	73	65	53	53	78	114
11	53	53	49	45	37	33	37	37	49	61	84	96	96	106	114	106	102	102	96	90	96	96	96	90	77	114
12	90	80	65	61	55	55	45	45	45	55	73	102	92	92	92	92	92	92	73	73	73	80	80	67	74	102
13	37	55	80	73	67	61	55	45	55	73	73	[CA]	92	92	96	96	84	84	96	92	96	92	84	80	76	96
14	61	49	45	33	33	25	20	55	61	61	61	61	80	80	86	80	98	98	92	92	86	86	86	92	67	98
15	86	74	86	74	63	74	80	80	[CA]	[CA]	92	92	92	104	98	104	104	98	92	86	86	74	74	67	85	104
16	67	74	74	51	51	51	45	39	39	39	45	39	45	55	63	63	67	67	67	63	63	63	63	55	56	74
17	51	39	33	27	27	33	39	45	45	39	63	[CA]	74	67	82	82	74	82	82	82	82	63	51	47	39	55
18	27	27	27	27	33	27	27	27	33	39	63	63	74	74	74	74	74	74	39	51	51	51	47	33	47	74
19	20	16	20	20	20	20	20	20	27	33	57	63	69	82	88	88	88	82	63	47	51	39	35	20	45	88
20	20	16	16	20	20	20	20	20	27	27	[CA]	57	65	76	84	84	84	76	51	51	47	39	39	47	43	84
21	39	39	35	27	35	27	20	27	35	47	65	76	88	96	88	88	88	76	65	65	57	57	69	69	57	96
22	57	53	39	39	39	35	35	35	35	53	[CA]	[CA]	88	96	96	102	102	102	96	88	94	84	76	69	69	96
23	57	51	47	47	57	65	65	57	39	65	76	84	76	76	84	84	69	69	57	51	47	47	51	47	64	84
24	47	39	39	39	35	27	20	27	39	57	[CA]	76	82	82	88	82	82	82	69	51	51	51	51	51	55	88
25	47	47	47	39	39	39	33	39	39	51	63	69	88	94	94	94	82	82	63	63	55	55	51	55	60	94
26	51	47	47	39	33	33	33	27	33	39	51	67	106	98	98	94	80	82	74	63	55	55	55	45	59	106
27	45	39	45	55	55	55	51	39	45	[CA]	63	63	67	74	74	80	80	80	74	74	67	67	63	63	62	80
28	55	55	45	39	33	33	33	33	45	63	63	74	74	74	74	74	67	67	63	51	45	45	45	45	37	54
29	37	33	25	20	20	20	20	20	33	[CA]	55	67	80	84	92	84	73	55	49	45	49	49	45	45	49	92
30	45	37	33	37	33	33	33	20	37	45	67	80	80	84	80	80	80	73	49	45	37	45	37	37	51	84
31	37	37	37	33	33	33	25	25	33	37	53	[CA]	78	78	78	78	73	65	49	45	45	37	37	37	47	78
AV	49	46	45	42	40	38	37	38	46	53	72	81	86	89	91	92	91	86	73	64	64	60	58	54	62	111
SD	16	15	16	14	13	15	17	15	15	15	15	18	15	15	13	14	14	14	16	15	16	16	16	17	11	111

OZONE (CC:11)

[MICROGRAMS/CUBIC METER

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

NOV. 1980

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	37	33	33	33	25	25	37	49	53	65	78	78	82	78	78	65	53	49	45	45	43	43	50	82
2	37	37	33	33	33	33	33	33	33	43	49	65	65	71	71	71	71	71	53	49	49	43	43	43	48	71
3	43	43	43	37	43	33	33	25	37	(CA)	71	71	82	88	88	88	82	65	59	59	53	53	49	43	56	88
4	43	43	43	43	43	37	37	37	43	47	53	59	71	63	63	63	59	53	43	37	37	37	31	31	47	71
5	31	25	25	25	20	20	20	20	(CA)	37	47	59	63	71	76	71	63	51	43	37	37	37	31	31	42	76
6	31	31	31	25	25	25	25	20	31	43	43	59	(CA)	43	35	35	35	43	47	59	59	51	51	51	40	59
7	47	43	35	31	31	31	31	25	31	35	35	51	69	74	80	80	74	74	74	74	74	74	74	69	55	80
8	74	78	78	78	78	78	78	74	78	78	78	78	78	74	74	78	78	78	74	61	57	51	41	41	71	78
9	41	31	25	25	25	25	25	18	25	35	61	61	69	78	78	78	78	67	51	57	57	41	41	41	71	78
10	47	41	41	41	41	41	41	41	35	(CA)	57	74	74	84	88	88	84	67	57	57	51	45	45	41	56	88
11	41	41	35	35	31	35	35	35	31	31	25	35	57	67	76	73	61	61	61	67	67	57	57	49	49	76
12	57	49	45	41	35	45	41	45	41	45	61	61	61	61	61	55	55	55	45	41	41	41	31	24	49	67
13	24	18	41	41	31	31	31	24	31	35	35	35	41	41	41	41	41	45	49	49	55	55	55	55	39	55
14	55	55	49	49	45	49	55	65	65	65	(CA)	65	65	65	71	71	71	59	65	65	65	65	49	33	59	71
15	29	29	24	18	14	14	14	18	24	29	45	55	59	71	71	71	71	71	65	71	74	65	65	65	47	74
16	65	65	55	45	39	39	33	33	33	39	59	74	74	74	74	74	74	71	65	55	55	43	43	47	57	74
17	39	39	33	33	29	29	29	29	29	(CA)	53	71	74	80	80	80	74	63	47	47	47	43	43	33	48	80
18	33	29	29	29	29	29	29	29	33	43	53	57	63	69	73	73	63	63	53	53	43	39	33	29	45	73
19	24	24	24	24	24	24	24	18	24	29	(CA)	29	24	29	29	29	29	24	18	18	18	18	18	18	23	29
20	18	18	10	14	14	14	10	4	10	14	18	29	33	33	33	29	29	24	18	24	18	18	18	18	20	33
21	14	14	14	14	14	14	14	14	14	14	(CA)	53	57	57	57	57	57	63	43	43	39	39	39	39	34	63
22	39	33	33	33	29	29	29	18	24	33	39	47	63	69	73	73	69	69	63	53	53	47	43	39	45	73
23	33	33	33	33	33	29	29	29	29	33	43	57	63	63	63	63	63	53	47	43	43	43	39	39	45	73
24	53	53	47	47	43	43	43	47	47	47	47	47	(CA)	63	63	63	63	63	61	67	61	53	57	47	69	69
25	53	55	47	47	53	47	43	43	43	39	43	51	(CA)	61	71	67	67	61	51	45	51	45	46	41	54	86
26	41	39	33	33	33	33	33	33	33	33	33	55	61	55	61	67	67	51	45	45	41	41	41	41	44	67
27	41	37	37	37	37	37	31	31	37	41	41	45	51	55	55	51	51	51	51	51	37	31	27	27	41	55
28	27	31	37	27	27	27	22	18	27	31	41	41	45	45	51	51	51	51	37	31	31	27	27	27	34	51
29	27	27	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	27	45
30	22	22	22	22	22	22	22	16	22	22	27	31	41	45	55	61	67	61	55	55	61	61	61	61	40	67
AV	39	38	35	34	32	32	31	30	33	39	47	54	60	62	64	64	63	57	51	50	49	46	44	40	46	71
SU	13	14	13	13	13	13	13	15	14	15	14	14	14	15	16	16	15	13	13	13	15	14	16	13	11	71

OZONE [CC#111

MICROGRAMS/CUBIC METER

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

DEC, 1980

AEROVIRNMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	61	55	51	45	41	41	51	55	55	76	76	80	80	80	80	76	76	67	67	55	51	45	45	45	61	80
2	41	37	31	37	37	31	31	31	37	41	45	51	55	55	55	55	55	45	41	37	37	37	37	37	42	55
3	31	37	31	31	31	31	22	31	37	(CA)	(CA)	(CA)	(CA)	55	61	67	67	61	55	55	61	55	45	41	46	67
4	41	37	37	37	41	41	45	61	67	67	67	67	67	67	67	67	67	67	61	55	61	65	61	61	57	67
5	55	61	61	55	55	55	55	51	51	51	55	51	51	55	55	55	61	61	55	51	55	51	45	45	54	61
6	45	41	41	37	37	37	37	37	41	41	45	51	51	55	55	51	45	65	55	45	51	45	41	31	45	65
7	27	22	31	37	51	45	41	41	45	45	45	51	51	53	59	53	59	65	69	69	59	59	53	53	49	69
8	53	59	59	53	49	49	49	59	59	65	65	65	65	65	69	69	69	69	65	45	45	45	43	43	56	69
9	43	41	37	37	41	37	31	31	31	37	49	53	59	65	69	69	69	53	43	43	43	41	41	43	46	69
10	37	37	31	31	37	27	31	22	22	(CA)	43	49	53	53	53	59	59	53	43	37	37	31	31	27	39	59
11	31	31	27	27	27	27	27	27	(CA)	31	39	49	43	43	49	53	49	43	35	31	31	27	27	27	35	53
12	27	27	27	22	22	22	22	22	22	22	31	43	53	59	53	53	53	53	43	39	35	31	27	27	35	59
13	27	27	22	22	22	22	22	22	22	29	29	49	59	59	65	59	53	43	39	39	35	31	27	29	36	65
14	29	29	27	27	27	27	29	27	27	29	39	43	53	53	53	53	53	43	39	39	35	35	29	29	37	53
15	29	29	29	29	25	25	25	25	35	35	(CA)	35	43	49	53	53	53	43	39	29	29	29	29	29	35	53
16	25	25	22	22	22	16	16	16	16	16	25	39	39	43	49	49	49	43	35	29	25	25	25	22	29	49
17	25	22	16	22	16	35	12	12	12	12	12	12	12	12	12	12	12	43	35	29	25	25	25	22	29	49
18	25	20	20	20	20	20	20	16	16	20	25	35	39	43	49	51	49	49	35	29	25	25	20	20	29	51
19	20	20	20	20	20	20	16	20	20	16	20	20	20	20	20	16	49	43	29	25	25	25	25	25	29	51
20	25	25	20	20	16	16	16	16	16	20	25	35	35	39	47	47	47	43	35	25	25	25	25	20	28	47
21	20	20	20	20	20	14	14	14	14	20	25	35	39	43	47	51	51	43	35	29	35	35	35	29	30	51
22	35	29	29	35	29	35	39	35	35	29	(CA)	47	57	57	51	51	51	41	39	35	35	39	41	67	42	67
23	57	47	39	41	51	47	41	39	41	47	57	63	63	67	67	63	63	47	41	41	47	41	41	39	50	67
24	39	35	35	29	29	29	29	29	29	(CA)	29	47	37	41	41	47	47	47	37	29	29	29	29	25	47	47
25	25	25	25	25	25	25	25	25	25	29	29	35	35	37	47	47	41	41	37	37	37	35	35	29	32	47
26	29	29	29	25	25	20	20	14	20	(CA)	25	33	47	47	47	47	41	29	29	29	29	25	25	25	31	47
27	20	20	20	14	20	14	14	10	10	14	20	29	47	51	47	41	41	33	29	25	25	25	20	20	26	51
28	20	14	20	20	14	14	14	14	14	20	20	29	33	41	47	55	51	47	37	33	29	25	25	20	28	55
29	20	20	14	20	14	14	14	10	14	20	25	33	47	47	51	51	47	41	33	33	33	33	27	27	29	51
30	25	25	25	20	25	20	20	20	25	20	27	37	47	47	49	49	49	49	37	33	33	33	27	25	32	49
31	47	41	37	37	37	37	37	33	33	55	65	92	92	88	94	100	100	78	61	49	49	47	41	41	58	100
AV	33	32	30	30	30	29	28	28	29	35	38	47	51	54	56	57	55	51	42	39	38	36	34	33	39	()
SD	12	12	11	10	12	11	12	14	15	17	15	15	13	11	11	11	12	10	10	10	10	10	10	10	12	()

TOTAL SULFUR (CC112)
 MICROGRAMS/CURIC METER

WHITE RIVER SHALE PROJECT, #139
 ROMANZA, UTAH
 SITE 6
 JAN. 1980
 AEROGIVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	0	0	0	0	0	0	0	0	0	(CA)	(CA)	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL SULFUR (CC:1P)
MICROGRAMS/CUBIC METR

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
FER. 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
17	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	2
22	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	1	0	0	0	0	2	2	0	0	0	0	0	1	0	0	0	0	0	0	2
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1

ABOUT 129 JAN 811

TOTAL SULFUR (CC112)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
MAR. 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	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	
CLOCK HOUR (LOCAL STANDARD TIME)																											
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	[CA]	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	0	
20	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
21	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
22	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
23	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
24	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
25	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
26	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
27	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
28	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
29	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
30	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
31	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HYDROGEN SULFIDE (CC113)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
RONANZA, UTAH
SITE 6
JAN, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

DAY	CLOCK HOUR (LOCAL STANDARD TIME)																								AVE	PEAK
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SULFUR DIOXIDE (CC814)
MICROGRAMS/CUBIC METER

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

JAN. 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	PFAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SULFUR DIOXIDE (CC114)
 MICROGRAMS/CURIC METER

WHITE RIVER SHALE PROJECT.#139
 BONANZA, UTAH
 SITE 6
 FEB. 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ABOUT (29 JAN 81)

SULFUR DIOXIDE (CC14)
 MICROGRAMS/CUBIC METER

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

MAR, 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	11	19	20	9	5	0	0	0	0	0	0	0	0	0	3	20
5	0	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	{CA}	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	
19	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	4	3	3	2	2	2	1	2	0	0	0	4	
24	1	0	1	0	0	0	1	1	1	2	{CA}	{CA}	2	2	1	2	0	0	0	0	0	0	0	0	0	1	2	
25	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	{CA}	{CA}	0	0	0	0	0	0	1	4	
26	0	0	0	0	0	0	0	0	0	0	{CA}	{CA}	4	2	3	2	1	1	0	0	0	0	0	0	0	1	4	
27	0	0	0	0	0	0	0	0	2	2	1	2	3	3	4	3	2	3	0	1	0	0	0	0	1	4	4	
28	1	1	1	0	0	0	2	1	0	{CA}	5	2	1	1	2	1	0	0	0	0	0	0	0	0	0	1	5	
29	0	0	0	2	2	0	1	0	1	1	2	4	3	3	1	2	1	1	0	1	0	0	1	0	1	4	4	
30	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
31	0	0	0	0	0	0	0	0	0	0	{CA}	0	1	0	0	2	1	1	0	0	0	0	0	0	0	0	2	
AV	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	
SD	0	0	0	0	0	0	0	0	0	1	1	1	2	3	4	2	1	1	0	0	0	0	0	0	0	0	1	

SULFUR DIOXIDE (CC114)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #159
BONANZA, UTAH
SITE 6
APR, 1980
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	2	2	3	2	0	0	0	0	3
3	0	0	0	0	0	0	0	0	1	2	0	1	1	0	3	2	0	2	1	1	0	0	0	0	0	3
4	0	0	0	0	0	0	1	0	{CA}	0	1	2	2	2	3	1	0	1	0	0	0	0	0	0	0	3
5	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	1	1	0	1	4	0	0	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	{CA}	0	1	1	1	1	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	1	{CA}	1	0	1	0	0	0	0	2	1	2	2	0	0	2
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
SD	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0	1

SULFUR DIOXIDE ICC1141
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 RONANZA, UTAH
 SITE 6
 MAY, 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

DAY	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	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	1	0	1	2	1	1	1	2
2	1	0	2	2	2	1	0	0	0	0	1	3	2	2	2	2	0	0	2	2	2	2	2	2	2	3
3	2	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	0	1	0	1	1	0	1	1	0	1	0	2	1	1	1	1	1	0	0	1	0	1	1	1	2
18	1	2	4	3	4	3	3	2	3	2	3	3	5	5	3	3	3	4	3	5	4	3	1	1	3	5
19	2	4	2	2	5	5	5	4	4	1CA	4	5	5	5	4	4	2	4	2	3	3	3	1	2	3	5
20	1	1	2	1	3	1	2	3	2	3	2	4	3	3	4	4	3	3	4	4	4	5	4	4	4	5
21	2	2	4	2	2	1	2	2	3	1	1CA	(CA)	5	6	3	5	4	2	4	6	6	5	3	2	3	6
22	2	2	2	3	4	3	3	3	5	5	4	7	6	6	4	5	4	4	5	5	4	3	4	3	7	7
23	4	5	5	5	4	5	4	4	3	3	6	6	0	1CA	2	4	4	3	3	2	3	3	2	1	4	6
24	4	5	3	2	3	2	4	4	2	3	5	4	5	3	3	3	3	5	5	5	4	3	3	2	4	5
25	3	4	6	5	5	5	5	5	4	5	3	3	4	2	3	2	2	2	1	3	2	2	5	4	4	6
26	4	5	6	5	2	4	4	5	5	5	5	4	5	4	4	4	4	5	4	1	3	2	4	4	6	6
27	3	3	3	3	3	3	5	4	3	4	4	2	3	2	2	2	2	2	2	2	5	4	4	3	3	5
28	3	4	5	4	4	4	6	1	4	1	(CA)	2	3	1	1	3	2	2	3	2	5	4	4	2	3	6
29	4	4	4	4	4	3	3	1	1	0	0	1	1	1	1	1	1	0	0	0	1	0	1	0	1	4
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	3
31	4	3	2	3	3	4	4	4	2	3	3	4	4	2	3	1	1	1	2	3	2	2	2	2	3	4
AV	1	1	2	1	2	2	2	2	1	2	2	2	2	2	1	2	1	1	1	1	2	2	1	1	1	2
80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

SULFUR DIOXIDE (CC14)
MICROGRAMS/CUBIC METER

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

JUN, 1980

AFROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	1	0	1	1	2	1	0	0	1	1	1	0	1	1	1	1	2	2	2	3	0	0	4	3	2	1	4
4	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
26	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
27	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	

ABOUT (29 JAN 81)

SULFUR DIOXIDE (CC:141)
 MICROGRAMS/CUBIC METR

WHITE RIVER SHALE PROJECT, #139
 RONANZA, UTAH
 SITE 6
 JUL, 1980
 AFROIRONMENT INC.

 * FJNAL DATA *
 * AS OF 31/MAR/81 *

DAY	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SULFUR DIOXIDE ICC1141
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6
 AUG. 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/A1 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	PFAK
1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
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	4	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11	1	1	0	1	2	1	1	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	2	0	0	5	19	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
16	0	0	0	1	0	1	2	1	1	1	2	1	1	0	0	0	0	0	2	3	0	0	0	0	0	3
17	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	1	2	1	3	1	1	2	1	0	0	0	1	1	1	2	1
19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	2	2	0	2	1	2	0	1	0	0	0	0	0	0	0	0	1	1	0	2	1	1	0	0	0	2
22	1	0	1	0	0	2	3	1	2	1	2	4	5	2	3	3	3	1	0	0	0	0	2	2	2	5
23	2	4	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	1	3	1	1	1	2	1	4
24	1	0	1	1	2	2	2	2	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
25	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	2	2	3	3	1	0	1	1	2	1	3
26	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	2	2	2	1	1	1	1	0	0	0	0	1	2	1	1	1	1	2
28	2	1	0	0	0	0	0	0	0	0	2	0	0	0	1	2	3	3	3	1	1	3	4	3	1	4
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
30	0	1	0	0	0	0	0	0	0	0	2	3	3	2	4	4	4	2	0	0	0	0	0	0	0	1
31	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
AV	1	1	0	0	0	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
SD	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

ADOUT (29 JAN 81)

SULFUR DIOXIDE [CC114]
 MICROGRAMS/CUBIC METR

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

SEP. 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	5	17	19	4	1	0	2	0	(CA)	0	0	0	0	0	0	0	5	1	0	0	0	2	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	3	2	2	3	3	2	2	3	2	1	(CA)	(CA)	(CA)	2	2	1	1	2	3	2	2	2	2	4	1	4
25	2	2	2	4	3	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	0	1	2	2	3
26	2	1	2	2	2	2	2	2	2	1	(CA)	(CA)	2	1	1	0	1	1	0	0	1	1	2	1	1	3
27	1	1	1	1	2	2	2	1	3	1	2	1	3	1	0	2	1	0	0	1	1	2	1	1	1	3
28	2	2	0	2	2	2	2	2	3	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	3
29	1	1	2	1	2	1	1	3	1	2	(CA)	(CA)	1	1	1	2	1	2	1	1	1	1	1	1	1	3
30	2	1	2	2	2	2	3	1	2	2	1	4	3	2	2	2	2	1	1	2	2	1	2	1	2	4
AV	1	1	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SD	1	1	3	3	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

SULFUR DIOXIDE (CC:114)
MICROGRAMS/CUBIC METER

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

OCT, 1980

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	2	2	3	2	2	3	3	[CA]	1	2	1	1	3	1	2	1	1	2	1	3	4	3	2	4
2	3	2	4	4	4	4	3	3	3	2	1	1	2	2	3	2	2	1	1	1	1	3	3	3	2	4
3	3	3	3	3	3	3	3	3	3	[CA]	3	5	5	5	4	4	3	7	3	7	9	8	9	9	5	9
4	10	9	10	10	11	10	10	5	4	3	2	3	2	2	3	2	2	2	2	2	2	3	2	4	5	11
5	5	3	8	7	6	4	4	3	3	2	3	4	5	4	4	4	2	3	1	2	3	3	3	3	8	6
6	2	3	3	3	3	3	3	4	0	[CA]	3	6	5	4	2	2	2	2	2	3	1	2	3	3	3	4
7	3	3	3	3	3	3	4	3	2	4	1	3	2	2	2	2	2	3	2	3	2	2	2	3	3	4
8	3	4	4	4	4	4	3	3	[CA]	[CA]	2	4	3	5	6	5	6	6	4	4	3	3	3	3	3	4
9	4	4	4	4	4	4	4	5	4	5	4	3	5	2	4	2	2	4	3	4	3	3	3	3	4	5
10	3	4	4	4	4	4	4	4	4	[CA]	3	2	2	4	4	3	3	3	3	2	4	3	3	3	4	6
11	3	4	4	4	4	4	5	7	5	3	3	3	3	3	3	3	2	2	3	4	3	4	5	4	6	
12	4	3	3	3	3	4	4	4	5	3	3	3	2	1	1	1	2	2	2	1	1	2	2	1	3	5
13	2	1	2	2	2	3	2	2	3	1	0	[CA]	1	1	1	1	1	1	2	2	1	2	2	2	3	3
14	3	2	3	3	3	3	3	3	3	2	3	2	2	2	2	3	3	2	2	2	3	2	2	3	3	4
15	3	2	3	3	3	3	3	4	[CA]	2	3	3	3	3	4	3	3	3	4	4	3	4	4	4	3	4
16	5	3	3	3	4	4	4	5	7	4	6	4	3	3	3	2	2	3	4	3	4	4	5	4	7	6
17	6	5	4	3	3	6	5	5	5	4	1	[CA]	1	1	1	1	1	1	1	1	1	1	1	1	3	6
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	4	4
19	5	4	4	5	4	8	6	5	4	6	3	4	5	5	9	4	4	4	5	3	3	3	3	3	5	9
20	4	4	5	5	7	7	7	5	5	3	[CA]	4	3	0	0	1	1	2	1	1	4	5	1	2	3	7
21	1	1	1	2	2	3	2	2	2	1	2	1	2	1	2	0	0	0	1	0	0	1	1	1	1	3
22	1	1	1	2	1	1	2	2	2	1	1	3	2	2	2	3	3	2	2	2	2	3	3	3	2	4
23	4	3	3	4	4	4	3	3	[CA]	[CA]	3	2	1	2	1	0	1	3	2	2	2	2	3	3	3	4
24	1	2	2	2	3	2	2	3	2	3	[CA]	2	2	0	1	0	1	1	1	1	1	2	2	2	2	3
25	2	3	3	3	3	3	3	2	2	2	3	1	2	3	1	0	0	1	1	1	2	2	2	2	2	3
26	1	1	1	1	2	2	3	2	2	2	2	2	2	3	1	2	2	2	1	1	1	2	2	2	2	3
27	1	1	1	1	2	2	1	1	1	[CA]	2	2	1	1	2	2	2	1	2	1	2	3	1	2	2	3
28	3	2	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	2	1	1	1	2	3
29	3	2	2	2	2	2	3	3	3	[CA]	2	2	1	1	1	1	1	1	2	1	2	1	1	2	2	3
30	2	3	2	2	2	2	3	3	3	3	1	2	1	0	1	1	0	0	1	2	1	2	1	1	2	3
31	1	3	3	2	2	2	2	2	2	2	1	[CA]	3	1	0	2	1	1	1	0	1	1	1	1	2	3
AV	3	3	3	3	3	4	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	3	3	3	3	1
SD	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	2	2	1	1

SULFUR DIOXIDE (CC:14)
 MICROGRAMS/CUBIC METER

WHITF RIVER SHALE PROJECT, #139
 ROMANZA, UTAH
 SITE 6

NOV, 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	1	1	2	3	2	2	2	1	2	1	2	1	0	0	0	0	0	0	0	2	2	1	2	2	1
2	2	2	2	1	2	1	1	1	1	3	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1
3	1	1	0	2	1	2	1	1	1	(CA)	3	3	2	1	2	3	1	1	0	1	1	1	0	2	1	3
4	0	2	1	1	2	3	0	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
5	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	0	0	0	1	2	1	0	0	0	(CA)	3	3	3	3	3	3	3	3	3	3	3	3	2
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	2	0	1	1	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	1	1	2	2	2	2	2
13	1	0	2	1	2	2	2	2	(CA)	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1
14	7	3	3	4	3	4	4	4	2	4	5	4	3	5	10	6	10	9	8	4	4	3	3	3	3	10
15	3	3	2	3	2	2	3	4	5	3	3	3	2	5	4	4	4	3	4	4	3	3	3	3	3	4
16	3	3	2	4	3	4	2	4	2	3	2	2	2	2	2	3	2	4	3	4	4	4	4	4	4	5
17	5	6	5	5	8	8	6	5	4	(CA)	6	8	4	5	4	3	2	3	3	2	3	2	2	2	2	4
18	2	3	3	3	3	2	5	3	3	3	2	3	3	3	2	2	2	3	3	2	1	2	3	3	3	4
19	2	4	3	3	2	3	3	2	6	(CA)	3	3	3	3	2	2	2	3	3	2	3	3	3	3	3	5
20	3	3	4	4	2	2	3	4	3	3	3	1	1	1	2	2	3	2	2	2	2	2	2	2	2	6
21	5	3	4	4	3	3	2	7	4	6	(CA)	2	3	1	1	0	0	0	2	2	2	2	2	2	2	7
22	2	2	3	3	2	3	2	2	2	3	3	3	1	2	1	0	0	0	0	0	2	1	1	1	1	3
23	1	1	1	1	1	1	0	2	0	1	0	1	1	0	1	1	2	2	0	1	1	1	1	1	1	2
24	3	3	3	3	3	3	3	3	3	3	3	(CA)	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	3	2	3	2	1	2	2	1	(CA)	0	0	0	0	1	1	1	0	1	2	1	1	1	3
26	1	2	0	1	3	3	3	3	3	3	2	1	1	0	0	0	0	0	0	0	0	3	2	1	1	3
27	3	2	1	1	2	2	3	3	2	2	2	2	1	1	0	0	0	0	0	0	1	1	1	1	1	3
28	1	3	6	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
29	1	1	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	2
AV	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SD	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

SULFUR DIOXIDE (CC114)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6
 DEC, 1980
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	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	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	2	1	4	2	4	5	6	1	6	
2	6	5	4	6	5	6	6	7	7	(CA)	(CA)	(CA)	(CA)	5	8	5	6	5	3	5	6	8	8	4	6	8	
3	3	4	4	6	4	5	4	6	6	(CA)	(CA)	(CA)	9	7	7	7	9	8	8	7	7	7	7	7	6	9	
4	5	6	7	6	6	6	8	10	5	5	7	8	6	5	7	6	5	5	6	6	4	4	3	4	6	10	
5	3	4	3	4	4	5	5	4	5	4	4	3	4	4	3	4	2	5	8	7	4	5	4	3	4	8	
6	4	5	4	5	5	4	6	5	3	5	5	4	3	4	3	3	3	3	3	5	5	5	4	4	4	6	
7	4	4	6	4	4	5	4	5	4	4	5	4	4	7	4	5	5	4	5	5	5	10	8	9	5	10	
8	10	10	10	9	8	9	8	8	12	13	(CA)	8	8	8	7	10	8	9	6	7	6	7	7	9	9	13	
9	5	6	7	7	7	8	6	8	6	6	6	6	5	6	5	7	7	6	6	7	6	8	8	9	7	9	
10	7	6	7	8	7	8	6	9	(CA)	(CA)	6	6	6	6	4	5	8	4	6	6	6	6	7	7	6	9	
11	8	7	7	9	8	7	7	8	(CA)	5	5	5	3	6	4	4	5	4	6	5	7	6	7	6	6	9	
12	7	5	6	8	7	5	6	7	9	6	6	5	5	6	6	5	3	5	4	6	6	6	6	5	6	9	
13	7	8	9	7	7	6	8	7	7	8	6	5	4	6	6	6	5	4	4	6	4	6	6	6	6	9	
14	8	7	7	7	8	9	10	8	7	8	7	6	5	5	6	5	5	5	5	5	5	5	6	6	6	10	
15	8	6	6	8	8	7	6	7	8	9	(CA)	6	3	6	5	5	4	5	6	4	4	5	7	6	6	9	
16	6	6	8	7	8	8	7	8	7	7	6	5	6	4	3	4	4	5	5	6	4	5	7	7	6	9	
17	6	5	7	9	8	6	8	8	7	(CA)	6	6	5	4	3	3	4	5	5	4	5	5	8	7	6	9	
18	7	4	7	6	7	7	7	8	8	7	6	4	6	4	4	4	3	5	5	5	4	5	5	6	6	9	
19	6	7	7	7	8	7	7	8	7	(CA)	8	8	7	6	4	5	6	5	6	4	7	6	5	6	6	8	
20	5	8	4	7	7	7	6	6	7	6	6	5	4	5	6	5	5	4	4	6	4	7	5	4	6	8	
21	7	6	7	7	10	8	7	9	6	7	6	4	5	4	4	6	4	4	5	5	5	6	6	6	6	10	
22	7	6	5	7	6	6	5	7	7	6	(CA)	7	6	5	6	4	6	7	5	5	6	6	7	5	6	7	
23	5	5	7	6	4	6	6	6	5	5	6	6	6	5	3	3	4	3	4	5	6	6	7	6	6	7	
24	8	7	7	7	7	10	9	8	8	(CA)	7	7	7	7	8	6	6	6	6	6	8	6	6	6	6	7	10
25	6	7	9	8	5	8	6	8	9	8	7	7	7	5	5	5	5	5	6	6	6	6	6	7	7	9	
26	6	7	7	7	6	8	8	7	6	(CA)	6	7	8	4	4	3	4	4	6	6	6	5	6	7	6	9	
27	7	7	7	8	7	7	8	8	7	6	7	7	6	5	6	4	6	6	6	6	7	6	6	7	7	8	
28	8	11	6	10	9	8	8	8	8	7	8	7	7	7	6	6	5	5	6	6	6	6	6	7	7	11	
29	7	8	7	11	10	10	9	10	8	8	8	7	10	6	7	5	5	5	7	7	7	7	7	7	7	11	
30	6	8	9	6	8	8	8	8	8	8	7	7	6	5	5	4	4	5	5	6	8	6	8	6	7	9	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AV	6	6	6	7	6	7	6	7	6	6	6	6	5	5	5	5	5	5	5	5	5	6	6	6	6	6	
SD	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	

ABOUT (29 JAN 81)

T.S. PARTICULATES (24 HR. AVG) (CC167)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH

JAN, 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	()	()	()
3	()	()	()
4	4.2	()	4.2
5	()	()	()
6	()	()	()
7	()	()	()
8	()	()	()
9	()	()	()
10	5.9	()	5.9
11	()	()	()
12	()	()	()
13	()	()	()
14	()	()	()
15	()	()	()
16	7.7	4.1	7.7
17	()	()	()
18	()	()	()
19	()	()	()
20	()	()	()
21	()	()	()
22	15.4	(JM)	15.4
23	()	()	()
24	()	()	()
25	()	()	()
26	()	()	()
27	()	()	()
28	6.8	1.7	6.8
29	()	()	()
30	()	()	()
31	()	()	()
AV	8.0	2.9	()
GM	7.2	2.6	()
PK	15.4	4.1	()

Note: Site 6 has two samplers.

T.S. PARTICULATES (24 HR. AVG) (CC167)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 RONANZA, UTAH

FEB, 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	()	()	()
3	12.7	14.2	14.2
4	()	()	()
5	()	()	()
6	()	()	()
7	()	()	()
8	()	()	()
9	6.6	10.4	10.4
10	()	()	()
11	()	()	()
12	()	()	()
13	()	()	()
14	()	()	()
15	16.8	(IM)	16.8
16	()	()	()
17	()	()	()
18	()	()	()
19	()	()	()
20	()	()	()
21	1.6	1.9	1.9
22	()	()	()
23	()	()	()
24	()	()	()
25	()	()	()
26	()	()	()
27	7.8	7.1	7.8
28	()	()	()
29	()	()	()
AV	9.1	8.4	()
GM	7.1	6.7	()
PK	16.8	14.2	()

T.S. PARTICULATES (24 HR. AVG) (CC167)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 HONARZA, UTAH

MAR. 1980

AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *
 * *****

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	()	()	()
3	()	()	()
4	2.2	3.5	3.5
5	()	()	()
6	()	()	()
7	()	()	()
8	()	()	()
9	()	()	()
10	9.6	8.4	9.6
11	()	()	()
12	()	()	()
13	()	()	()
14	()	()	()
15	()	()	()
16	12.6	16.6	16.6
17	()	()	()
18	()	()	()
19	()	()	()
20	()	()	()
21	()	()	()
22	(M)	19.7	19.7
23	()	()	()
24	()	()	()
25	()	()	()
26	()	()	()
27	()	()	()
28	11.4	9.4	11.4
29	()	()	()
30	()	()	()
31	()	()	()
AV	9.0	11.5	()
GM	7.4	9.8	()
PK	12.6	19.7	()

T.S. PARTICULATES (24 HR. AVG) (CC:67)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT.#139
 BONANZA, UTAH

APR, 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	()	()	()
3	13.6	(IM)	13.6
4	()	()	()
5	()	()	()
6	()	()	()
7	()	()	()
8	()	()	()
9	23.5	12.7*	23.5
10	()	()	()
11	()	()	()
12	()	()	()
13	()	()	()
14	()	()	()
15	61.1	47.3*	61.1
16	()	()	()
17	()	()	()
18	()	()	()
19	()	()	()
20	()	()	()
21	64.6	58.8	64.6
22	()	()	()
23	()	()	()
24	()	()	()
25	()	()	()
26	()	()	()
27	20.8	33.6*	33.8
28	()	()	()
29	()	()	()
30	()	()	()
AV	36.7	38.1	()
GM	30.5	33.1	()
PK	64.6	58.8	()

*Less than 24 hour average.

T.S. PARTICULATES (24 HR. AVG) (CC:67)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH

MAY, 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *
 * *****

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	()	()	()
3	6.7	7.3	7.3
4	()	()	()
5	()	()	()
6	()	()	()
7	()	()	()
8	()	()	()
9	14.9	21.5	21.5
10	()	()	()
11	()	()	()
12	()	()	()
13	()	()	()
14	()	()	()
15	9.9	13.6*	13.6
16	()	()	()
17	()	()	()
18	()	()	()
19	()	()	()
20	()	()	()
21	26.0	27.5	27.5
22	()	()	()
23	()	()	()
24	()	()	()
25	()	()	()
26	()	()	()
27	22.3	20.2	22.3
28	()	()	()
29	()	()	()
30	()	()	()
31	()	()	()
AV	16.0	18.0	()
GM	14.2	16.4	()
PK	26.0	27.5	()

*Less than 24 hour average.

T.S. PARTICULATES (24 HR. AVG) (CC:67)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH

JUN, 1980

AFROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	31.4	16.2	31.4
3	()	()	()
4	()	()	()
5	()	()	()
6	()	()	()
7	()	()	()
8	21.9	(IM)	21.9
9	()	()	()
10	()	()	()
11	()	()	()
12	()	()	()
13	()	()	()
14	40.6	42.9	42.9
15	()	()	()
16	()	()	()
17	()	()	()
18	()	()	()
19	()	()	()
20	37.6	36.3	37.6
21	()	()	()
22	()	()	()
23	()	()	()
24	()	()	()
25	()	()	()
26	31.3	36.9	36.9
27	()	()	()
28	()	()	()
29	()	()	()
30	()	()	()
AV	32.6	33.1	()
GM	31.9	31.1	()
PK	40.6	42.9	()

T.S. PARTICULATES (24 HR. AVG) (CC1671)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH

JUL. 1960

AERONVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/61 *
 * *****

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	16.6	17.8	17.8
3	()	()	()
4	()	()	()
5	()	()	()
6	()	()	()
7	()	()	()
8	23.6	21.1	23.6
9	()	()	()
10	()	()	()
11	()	()	()
12	()	()	()
13	()	()	()
14	38.2	36.8	38.2
15	()	()	()
16	()	()	()
17	()	()	()
18	()	()	()
19	()	()	()
20	30.6	30.1	30.6
21	()	()	()
22	()	()	()
23	()	()	()
24	()	()	()
25	()	()	()
26	32.1	34.1	34.1
27	()	()	()
28	()	()	()
29	()	()	()
30	()	()	()
31	()	()	()
AV	28.2	28.0	()
GM	27.1	26.9	()
PK	38.2	36.8	()

T.S. PARTICULATES (24 HR. AVG) (CC:67)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT.#139
 BONANZA, UTAH

AUG, 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/83 *

SITE

DAY	6a	6b	PEAK
1	36.7	37.8	37.8
2	()	()	()
3	()	()	()
4	()	()	()
5	()	()	()
6	()	()	()
7	26.6	27.7	27.7
8	()	()	()
9	()	()	()
10	()	()	()
11	()	()	()
12	()	()	()
13	31.0	31.5	31.5
14	()	()	()
15	()	()	()
16	()	()	()
17	()	()	()
18	()	()	()
19	41.3	36.2	41.3
20	()	()	()
21	()	()	()
22	()	()	()
23	()	()	()
24	()	()	()
25	9.9	9.9	9.9
26	()	()	()
27	()	()	()
28	()	()	()
29	()	()	()
30	()	()	()
31	22.5	20.9	22.5
AV	28.0	27.3	()
GM	25.6	25.0	()
PK	41.3	37.8	()

T.S. PARTICULATES (24 HR. AVG) (CC:67)
 MICROGRAMS/CUBIC METR

WHITE RIVER SHALE PROJECT.#139
 BONANZA, UTAH

SEP, 1980

AFROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	()	()	()
3	()	()	()
4	()	()	()
5	()	()	()
6	49.8	52.6	52.6
7	()	()	()
8	()	()	()
9	()	()	()
10	()	()	()
11	()	()	()
12	21.6	20.6	21.6
13	()	()	()
14	()	()	()
15	()	()	()
16	()	()	()
17	()	()	()
18	27.9	28.7	28.7
19	()	()	()
20	()	()	()
21	()	()	()
22	()	()	()
23	()	()	()
24	24.5	20.0	24.5
25	()	()	()
26	()	()	()
27	()	()	()
28	()	()	()
29	()	()	()
30	42.1	43.2	43.2
AV	33.2	33.0	()
GM	31.5	30.6	()
PK	49.8	52.6	()

T.S. PARTICULATES (24 HR. AVG) (CC167)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH

OCT. 1960

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *
 * *****

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	()	()	()
3	()	()	()
4	()	()	()
5	()	()	()
6	46.6	46.7	46.7
7	()	()	()
8	()	()	()
9	()	()	()
10	()	()	()
11	()	()	()
12	(RF)	22.4	22.4
13	()	()	()
14	()	()	()
15	()	()	()
16	()	()	()
17	()	()	()
18	7.6	8.4	8.4
19	()	()	()
20	()	()	()
21	()	()	()
22	()	()	()
23	()	()	()
24	54.7	64.0	64.0
25	()	()	()
26	()	()	()
27	()	()	()
28	()	()	()
29	()	()	()
30	72.4	71.7	72.4
31	()	()	()
AV	45.3	42.6	()
GM	34.4	33.2	()
PK	72.4	71.7	()

T.S. PARTICULATES (24 HR. AVG) (CC:67)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 RONANZA, UTAH

NOV, 1980

AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	()	()	()
3	()	()	()
4	()	()	()
5	43.1 (TM)	43.	
6	()	()	()
7	()	()	()
8	()	()	()
9	()	()	()
10	()	()	()
11	127.	129.	129.
12	()	()	()
13	()	()	()
14	()	()	()
15	()	()	()
16	()	()	()
17	51.1	52.5	52.5
18	()	()	()
19	()	()	()
20	()	()	()
21	()	()	()
22	()	()	()
23	41.9	41.7	41.9
24	()	()	()
25	()	()	()
26	()	()	()
27	()	()	()
28	()	()	()
29	19.3	22.5	22.5
30	()	()	()
AV	56.4	61.4	()
GM	46.9	50.2	()
PK	127.	129.	()

T.S. PARTICULATES (24 HR. AVG) (CC867)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, M139
 BONANZA, UTAH

DEC. 1980

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 31/MAR/81 *

SITE

DAY	6a	6b	PEAK
1	()	()	()
2	()	()	()
3	()	()	()
4	()	()	()
5	10.1	9.7	10.1
6	()	()	()
7	()	()	()
8	()	()	()
9	()	()	()
10	()	()	()
11	11.9	12.2	12.2
12	()	()	()
13	()	()	()
14	()	()	()
15	()	()	()
16	()	()	()
17	26.1	27.4	27.4
18	()	()	()
19	()	()	()
20	()	()	()
21	()	()	()
22	()	()	()
23	8.6	10.8	10.8
24	()	()	()
25	()	()	()
26	()	()	()
27	()	()	()
28	()	()	()
29	34.2	(1M)	34.2
30	()	()	()
31	()	()	()
AV	18.2	15.0	()
GM	15.6	13.7	()
PK	34.2	27.4	()



Form 1279-3
(June 1984)

BORROWER

TN 859 .082 W425 198
Air quality data, P
oil shale lease, W

DATE LOANED	BORROWER

USDI - BLM

