



Technical Note

No. 18-22

**QUARTERLY RADIO NOISE DATA
MARCH, APRIL, MAY, 1964**

W. Q. CRICHLOW, R. T. DISNEY,
and M. A. JENKINS



**U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS**

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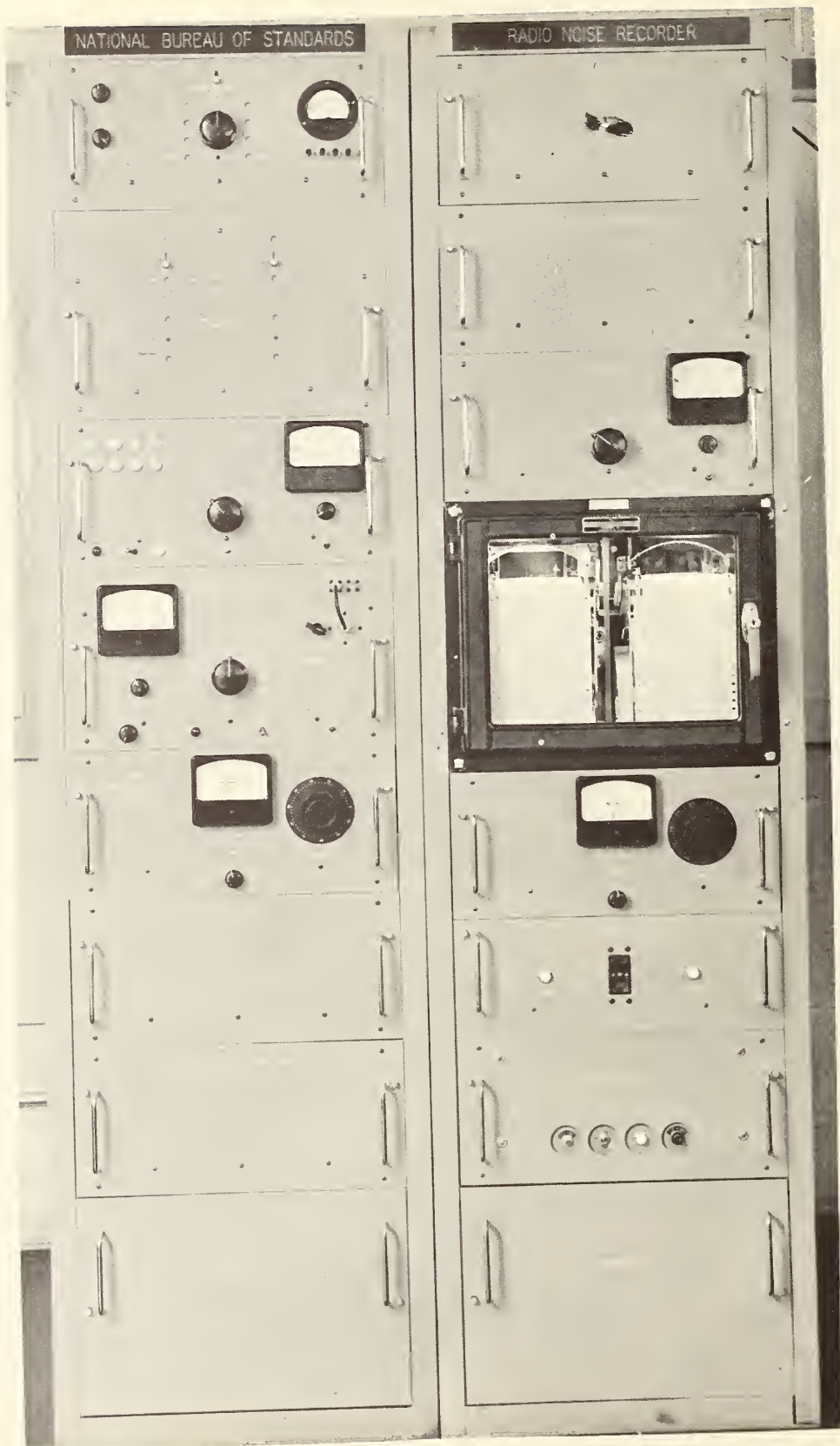
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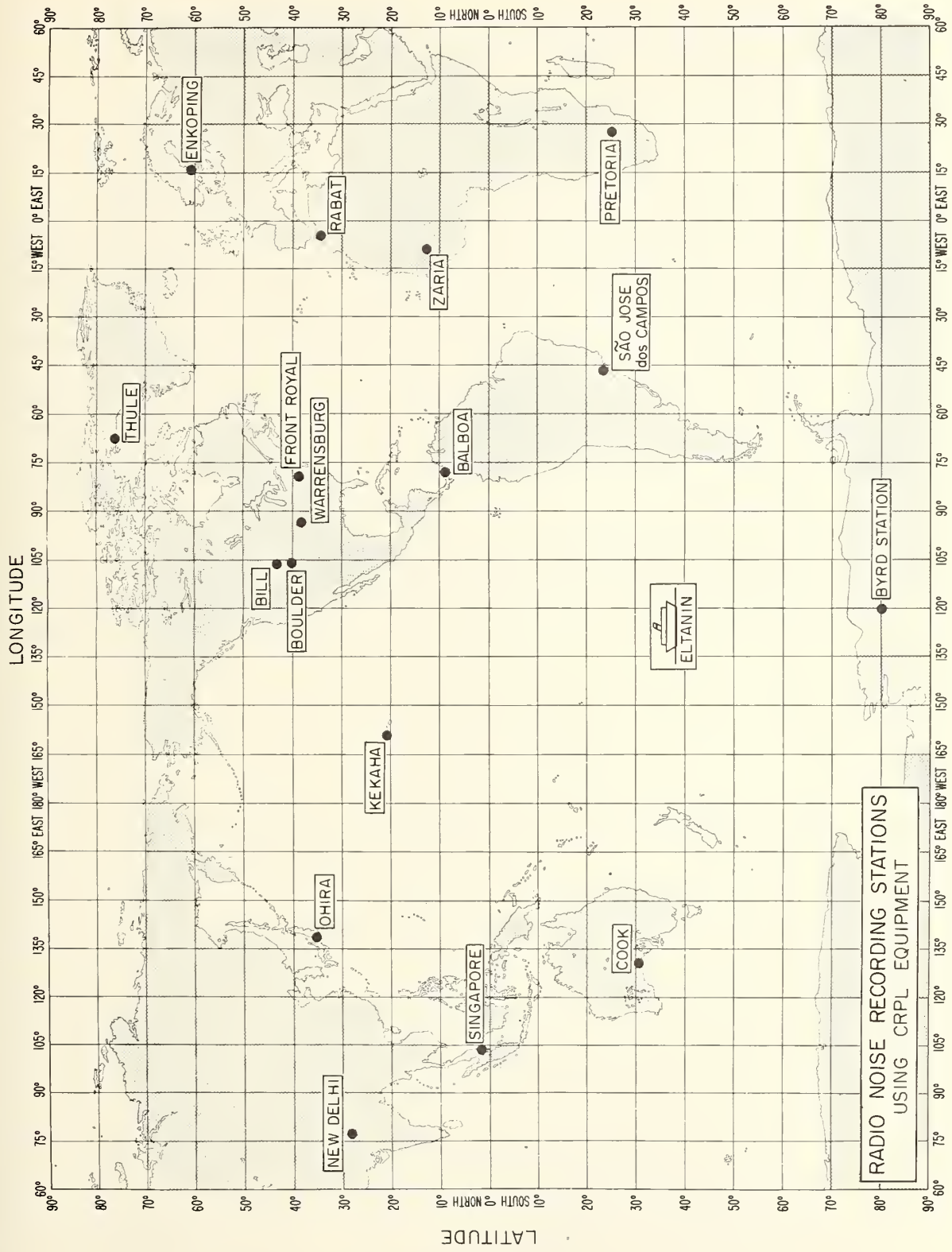
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Radio Noise Recording Station

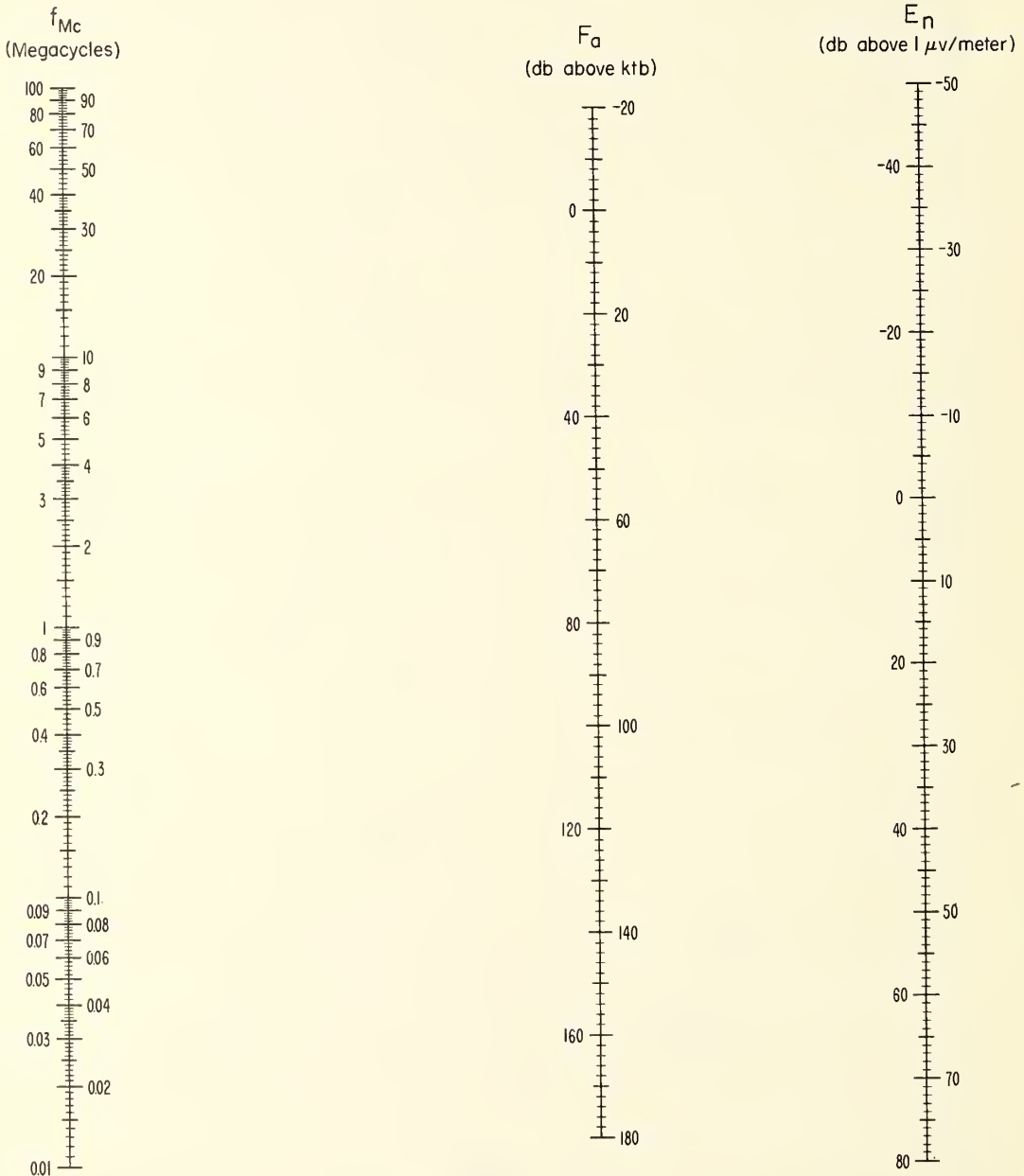


ARN-2 Atmospheric Radio Noise Recorder



RADIO NOISE RECORDING STATIONS
USING CRPL EQUIPMENT

NOMOGRAM FOR TRANSFORMING EFFECTIVE ANTENNA NOISE FIGURE TO NOISE FIELD STRENGTH AS A FUNCTION OF FREQUENCY



$$E_n = F_a + 20 \log_{10} f_{Mc} - 65.5$$

F_a = Effective Antenna Noise Figure = External Noise Power Available from an Equivalent Short, Lossless, Vertical Antenna in db Above ktb.

E_n = Equivalent Vertically Polarized Ground Wave R.M.S. Noise Field Strength in db Above $1 \mu v/meter$ for a 1 kc Bandwidth.

f_{Mc} = Frequency in Megacycles.

Quarterly Radio Noise Data
March, April, May, 1964

W. Q. Crichlow, R. T. Disney, and M. A. Jenkins

Radio noise measurements are being made at eighteen stations in a world-wide network operated in a co-operative program co-ordinated by the National Bureau of Standards. The locations of these stations are shown on the map. The results of these measurements for the months of March, April, and May are given in this report. Where the results for these months are not presently available, the data will be published in subsequent reports, and the data for previous months, which are now available but have not been published previously, are included. The tabulated values are based on three basic parameters of the noise; these are the mean power, the mean envelope voltage, and the mean logarithm of the envelope voltage.

The noise power received from sources external to the antenna averaged over a period of several minutes is the basic parameter and can be conveniently expressed in terms of an effective antenna noise factor, f_a , which is defined by:

$$f_a = p_n / kT_o b = T_a / T_o$$

where

p_n = noise power available from an equivalent loss-free antenna (watts)

k = Boltzman's constant = 1.38×10^{-23} joules per degree Kelvin

T_o = reference temperature, taken as 288° K

b = effective receiver noise bandwidth (c/s)

T_a = effective antenna temperature in the presence of external noise.

The antenna noise factors in this report are for a short vertical antenna over a perfectly conducting ground plane and are expressed in decibels, $F_a (= 10 \log_{10} f_a)$. This parameter is simply related to the rms noise field strength along the antenna by:

$$E_n = F_a - 95.5 + 10 \log_{10} b + 20 \log_{10} f_{\text{Mc/s}}$$

where:

E_n = rms noise field strength for bandwidth b in db above
 $1 \mu\text{V/m}$

b = effective receiver noise bandwidth in c/s

$f_{\text{Mc/s}}$ = frequency in Mc/s.

The value of E_n for a 1 kc/s bandwidth can be found from the attached nomogram. It should be noted that E_n is the vertical component of the field at the antenna. It should also be noted that the rms envelope voltage is 3 db higher than the rms voltage.

The other two noise parameters tabulated are given relative to the mean power. Thus, the mean voltage and mean logarithm expressed as deviations, V_d and L_d , respectively, are in db below the mean power.

Measurements of the three parameters reported were made with the National Bureau of Standards' Radio Noise Recorder, Model ARN-2, which has an effective noise bandwidth of about 200 c/s and uses a standard 6.6294 meter (21.75') vertical antenna. A fifteen-minute recording is made on each of eight frequencies two at a time during each hour, and these fifteen-minute samples are taken as representing the noise conditions for the full hour during which they were recorded. The month-hour medians, F_{am} , V_{dm} and L_{dm} are determined from these hourly values for each of the corresponding parameters. Normally from twenty-five to thirty observations of the mean power are obtained monthly for each hour of the day and from ten to fifteen observations of the voltage and logarithm deviations. When there are fewer than fifteen observations of the mean power or seven observations of the voltage and logarithm deviations, the tabulated values are identified by an asterisk.

The upper and lower decile values of F_a are also reported in the following tabulation to give an indication of the extent of the variation of the noise power from day to day at a given time of day. These are expressed in db above and below the month-hour median, F_{am} , and designated by D_u and D_l , respectively.

In addition to these month-hour values, corresponding values are tabulated for the time blocks as defined by CCIR Report 322. All recorded values for the four hours of the day and the three-month period are used to determine the median and decile values. When no data were available for one or two months of the season, it is so indicated and should be noted when considering seasonal trends.

The values presented in the tables reflect the actual measured values of radio noise. The only editing for man-made noise or station contamination of the records has been done by the station operators, and no additional attempt has been made to identify these values by systematic statistical means. These preliminary data values are presented in order to expedite dissemination of the data, and additional analyses, in which an attempt is made to eliminate contaminated data, are presented in other publications. The parameter that will first reflect any such contamination will be the logarithmic parameter, L_d . This contamination generally will cause the value of L_d to be less than it would have been had the recorded value been only atmospheric noise. In determining the amplitude-probability distribution from the three measured moments [Crichlow et al., 1960b] contaminated values of L_d may be found that will not give a solution of the amplitude-probability distribution. When this occurs, it is suggested that the measured value of L_d be ignored and the most probable value of L_d from the curve on the graph of L_d vs. V_d be used. The most probable value has been determined as the best fit for the integrated moments from over sixty measured amplitude-probability distributions of uncontaminated atmospheric radio noise. The second curve on the graph indicates the minimum value of L_d that will give an amplitude-probability distribution with a form factor described in the above reference and can, therefore, be used to determine whether the measured value or the most probable value of L_d for any value of V_d should be used.

Station clocks are set to local standard time (LST) which is taken from the time zone in which the station is located and is always an integral number of hours different than universal or Greenwich time (see table on page 5). The data from the Floating Antarctic Research Vessel, USNS Eltanin, are grouped so that a block 10° in latitude by 15° in longitude is treated as a separate station. The station clock in this case is

corrected to the LST at the center of the block. Because of this grouping, very few readings may be used to obtain the median values tabulated in some cases. If, during the month, fewer than ten readings are obtained for any one block, the decile values are not given. If data for less than three months are used in the time block summaries, this fact is noted on the summary sheet. Because of the small sample size, some caution should be exercised when using these values.

The assistance of the station operators and other personnel of the operating agencies in obtaining the data contained in this report is gratefully acknowledged. Stations in the recording network were operated by the following agencies:

NBS - Bill, Wyoming; Boulder, Colorado; Byrd Station;
Front Royal, Virginia; Kekaha, Hawaii;
Warrensburg, Missouri; USNS Eltanin

U.S. Army Strategic Communications Command - Balboa, C. Z. ;
Thule, Greenland

Postmaster General's Department (Australia) - Cook

Board of Telecommunications (Sweden) - Enköping

DSIR (Great Britain) and Ahmadu Bello University, Electrical
Engineering Department, Zaria, Northern Nigeria

Ministry of Communications, Wireless Planning and Co-ordination
Organization - New Delhi

Radio Research Laboratories (Japan) - Ohira

Telecommunications Research Laboratory (South Africa) - Pretoria

Institut Scientifique Cherifien (Morocco) - Rabat

Comissão Nacional das Atividades Espaciais (Brazil) - São José
dos Campos

Department of Scientific and Industrial Research (Great Britain) -
Singapore

The following publications contain additional information on radio noise:

- Clark, C., "Atmospheric Radio-Noise Studies Based on Amplitude-Probability Measurements at Slough, England, during the International Geophysical Year," Proc. Inst. Elec. Eng., Pt. B, 109, 47, 393 (September, 1962).
- Crichlow, W. Q., A. D. Spaulding, C. J. Roubique, and R. T. Disney, "Amplitude-Probability Distributions for Atmospheric Radio Noise," NBS Monograph 23 (November, 1960b).
- Crichlow, W. Q., C. J. Roubique, A. D. Spaulding, and W. M. Beery, (January-February, 1960) "Determination of the Amplitude-Probability Distribution of Atmospheric Radio Noise from Statistical Moments," J. Res. NBS 64D (Radio Propagation) No. 1, 49-56.
- Crichlow, W. Q., "Noise Investigation at VLF by the National Bureau of Standards," Proc. IRE, 45, 6 778 (1957).
- Crichlow, W. Q., D. F. Smith, R. N. Morton, and W. R. Corliss, "Worldwide Radio Noise Levels Expected in the Frequency Band 10 Kilocycles to 100 Megacycles," NBS Circular 557, August 25, 1955.
- "Report on Revision of Atmospheric Radio Noise Data," C. C. I. R. Report No. 65, VIIIth Plenary Assembly, Warsaw, 1956, (International Radio Consultative Committee, Secretariat, Geneva, Switzerland).
- "World Distribution and Characteristics of Atmospheric Radio Noise," C. C. I. R. Report No. 322, Xth Plenary Assembly, Geneva, 1963, (International Radio Consultative Committee, Secretariat, Geneva, Switzerland).
- Fulton, F. F. (Jr.) (May-June, 1961), "Effect of Receiver Bandwidth on the Amplitude Distribution of VLF Atmospheric Noise," J. Res. NBS 65D (Radio Propagation) No. 3, 299-304.
- Horner, F., "An Investigation of Atmospheric Radio Noise at Very Low Frequencies," Proc. Inst. Elec. Eng., Pt. B, 103, 743 (1956).

- Horner, F., "Radio Noise of Terrestrial Origin," Proc. of Commission IV on Radio Noise of Terrestrial Origin during the XIIIth General Assembly of URSI, " London, September, 1960.
- Spaulding, A. D., C. J. Roubique, and W. Q. Crichlow (November-December, 1962) "Conversion of the Amplitude-Probability Distribution Function for Atmospheric Radio Noise from One Bandwidth to Another," J. Res. NBS 66D (Radio Propagation) No. 6, 713-720.
- Obayashi, T. (January-February, 1960), "Measured Frequency Spectra of Very-Low-Frequency Atmospheric," J. Res. NBS 64D(Radio Propagation) No. 1, 41-48.
- Taylor, W. L. (September-October, 1963), "Radiation Field Characteristics of Lightning Discharges in the Band 1 kc/s to 100 kc/s," J. Res. NBS 67D (Radio Propagation) No. 5, 539-550.
- Taylor, W. L. and A. G. Jean (September-October, 1959), "Very-Low-Frequency Radiation Spectra of Lightning Discharges," J. Res. NBS 63D (Radio Propagation) No. 2, 199-204.
- URSI Special Report No. 7, "The Measurement of Characteristics of Terrestrial Radio Noise," Elsevier Publishing Co. (1962).
- Watt, A. D. and E. L. Maxwell, "Characteristics of Atmospheric Noise from 1 to 100 kc," Proc. IRE, 45, 6, 787 (1957).
- Watt, A. D. (September-October, 1960), "ELF Electric Fields from Thunderstorms," J. Res. NBS 64D (Radio Propagation) No. 5, 425-433.
- Watt, A. D. and E. L. Maxwell, "Measured Statistical Characteristics of VLF Atmospheric Radio Noise," Proc. IRE, 45, 1, 55 (1957).
- Watt, A. D., R. M. Coon, E. L. Maxwell, and R. W. Plush, "Performance of some Radio Systems in the Presence of Thermal and Atmospheric Noise," Proc. IRE, 46, 12, 1914 (1958).

Data included in this report and the standard time for each station are as follows:

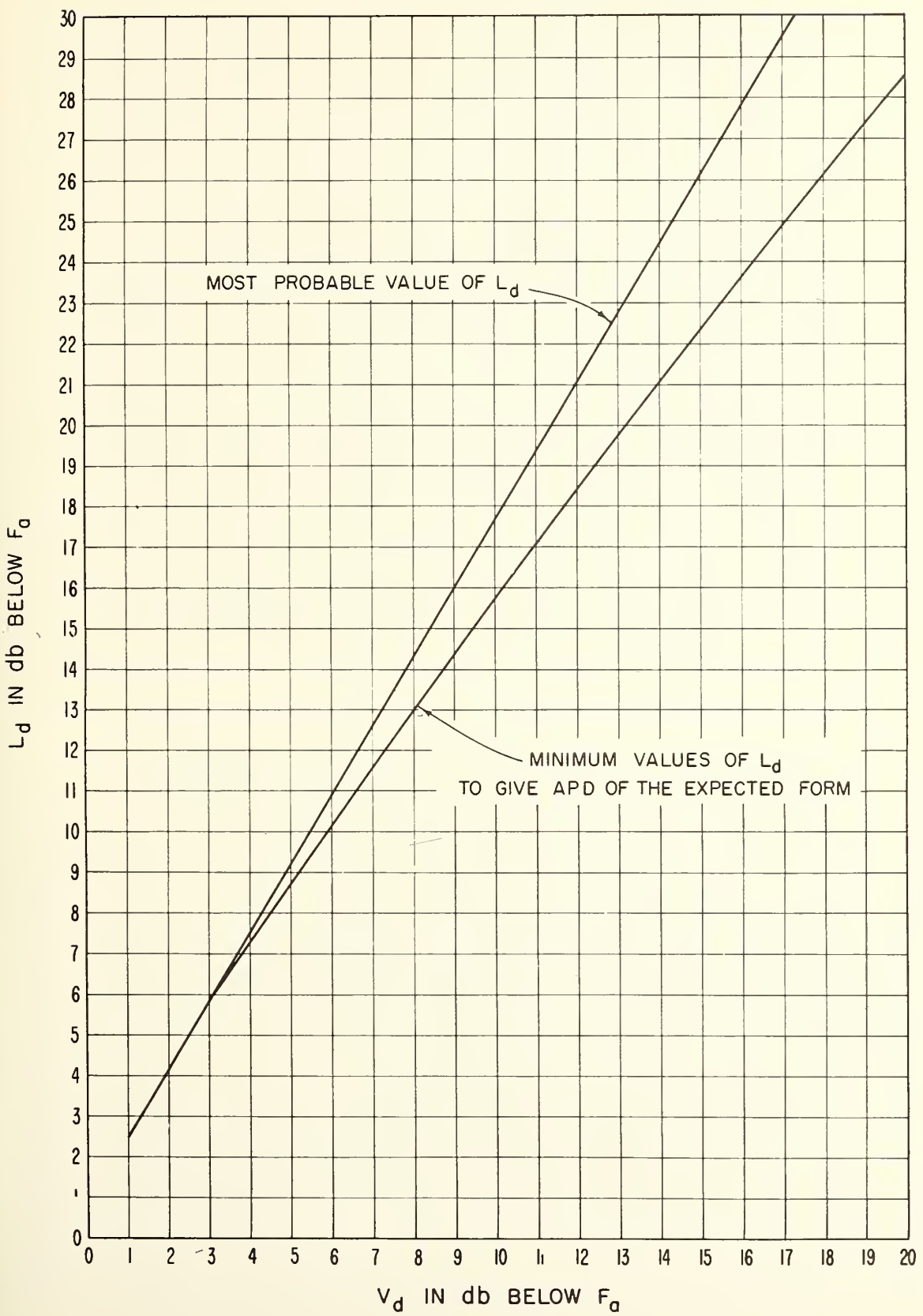
Station	Data			To Convert LST to GMT (hours)
Balboa	March	1964	75W	+05
Bill	March, April, May	1964	105W	+07
Boulder	March, April, May	1964	105W	+07
Cook	March, April, May	1964	135E	-09
USNS Eltanin	March, April, May	1964		
Enköping	March, April, May	1964	15E	-01
Front Royal	March, April, May	1964	75W	+05
Kekaha	March, April, May	1964	150W	+10
New Delhi	March, April, May	1964	75E	-05
Ohira	March, April, May	1964	135E	-09
Pretoria	March, April, May	1964	30E	-02
Rabat	March, April, May	1964	GMT	0
Saõ Jose	January, February	1964	45W	+03
	March, April, May			
Warrensburg	March, April, May	1964	90W	+06

Previous data from the World-Wide Network have been published in the following Technical Note 18 series:

- 18-1 July 1, 1957-December 31, 1958
- 18-2 March, April, May, 1959
- 18-3 June, July, August, 1959
- 18-4 September, October, November, 1959
- 18-5 December, January, February, 1959-60
- 18-6 March, April, May, 1960
- 18-7 June, July, August, 1960
- 18-8 September, October, November, 1960
- 18-9 December, January, February, 1960-61
- 18-10 March, April, May, 1961
- 18-11 June, July, August, 1961
- 18-12 September, October, November, 1961
- 18-13 December, January, February, 1961-62
- 18-14 March, April, May, 1962
- 18-15 June, July, August, 1962
- 18-16 September, October, November, 1962
- 18-17 December, January, February, 1962-63

- 18-18 March, April, May, 1963
- 18-19 June, July, August, 1963
- 18-20 September, October, November, 1963
- 18-21 December, January, February 1963-64

MOST PROBABLE AND MINIMUM VALUES OF L_d VERSUS V_d FOR ATMOSPHERIC RADIO NOISE



Hour (LST)	Frequency (Mc)																																			
	.013			.051			.160			.495			2.5			5			10			20														
	Fom	D _f	Vdm	Fam	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm									
00	148	6	8	125	175	127	7	9	9.5	130	111	6	10	9.0	150	93	5	7	8.0	130	56	4	8	7.5	130	41	10	8	5.5	80	23	2	4	2.0	3.5	
01	150	4	10	145	180	127	6	6	10.0	140	109	8	9	10.5	160	95	4	9	7.5	120	65	2	10	5.0	85	41	10	6	7.0	95	25	4	6	3.0	4.0	
02	151	5	9	140	180	129	6	12	14.0	200	111	6	8	9.0	160	93	8	7	9.0	150	65	2	10	7.5	110	41	9	11	5.0	75	23	6	4	2.0	4.0	
03	152	4	6	115	145	129	6	10	11.0	160	112	5	8	10.5	175	95	7	8	8.0	130	66	7	6	8.0	130	56	4	10	6.0	90	37	6	4	3.0	4.0	
04	152	4	14	7.5	120	129	5	11	15.0	200	110	8	8	11.0	185	94	7	8	11.0	180	65	9	3	11	6.0	95	35	8	6	3.0	4.0	23	4	4	8.5	110
05	150	4	6	5.0	95	129	6	11	15.0	205	109	9	13	130	195	89	10	12	10.5	175	65	6	6	6.5	115	56	6	12	7.5	110	42	11	7	3.5	6.5	
06	150	4	11	120	170	125	8	8	12.0	165	104	10	20	16.5	230	82	17	11	8.5	115	61	8	10	130	190	56	6	12	7.5	110	42	11	7	3.5	6.5	
07	150	5	12	120	150	119	10	6	13.5	195	101	14	26	9.0	130	83	14	8	10.0	170	51	12	12	6.0	160	50	9	10	8.0	120	41	6	10	5.0	70	
08	150	4	10	140	190	121	8	12			104	9	17	130	220	81	16	10	15.0	210	45	13	12	4.5	80	46	11	9	3.5	150	39	8	8	3.0	60	
09	150	6	8	10.0	135	119	8	6	6.0	65	105	6	19	130	230	83	10	12	6.0	90	46	13	15	4.5	70	44	8	8	6.0	85	39	4	10	3.0	50	
10	147	10	7	7.0	115	119	8	6	12.5	185	99	11	16	140	220	77	14	8	2.5	40	37	9	6	9.0	110	44	8	8	8.0	105	37	6	8	5.5	85	
11	150	7	9			117	10	6	8.0	115	95	15	12	13.5	210	75	14	6	7.0	95	37	8	6	5.0	80	42	6	6	7.0	100	36	7	7	9.5	100	
12	152	4	4	11.0	160	119	9	6	11.0	160	95	14	9	9.0	125	74	9	5	4.5	70	36	9	5	4.5	70	41	8	5	6.0	110	39	6	8	6.5	110	
13	154	4	9	11.0	170	121	8	4	8.5	145	96	11	11	13.5	195	73	14	6	6.0	90	36	7	7	6.0	90	41	9	5	100	130	37	6	8	5.5	95	
14	154	4	6	10.5	150	121	8	5	8.0	95	95	14	9	9.5	130	74	15	6	7.0	95	37	6	6	5.0	75	41	9	5	2.5	30	41	4	8	6.0	80	
15	154	4	8	10.0	150	123	5	4	9.5	140	99	8	9	6.0	130	77	10	5			34	9	3	5.0	90	42	6	6	4.5	75	41	6	8	6.0	90	
16	154	4	8	10.0	145	121	8	4	8.5	110	97	11	7	12.0	155	77	10	6	7.0	140		37	9	5	7.0	90	42	10	2	40	80	43	6	10	4.5	75
17	151	5	5	11.5	170	121	6	8	13.5	180	101	7	11	130	195	82	13	9	7.5	160	45	9	9	7.0	100	50	6	10	8.5	120	47	8	8	5.0	70	
18	152	2	10	11.5	165	121	7	5	8.0	110	107	5	10	9.5	140	91	6	10	6.5	115	53	4	10	5.0	90	58	4	8	4.5	70	49	8	14	4.5	65	
19	148	8	8	11.0	150	125	10	7	10.0	150	109	4	8	6.5	110	93	6	12	5.0	70		57	8	6	6.0	70	60	2	10	6.0	85	45	8	12	5.0	70
20	150	4	10	10.0	150	127	6	10	9.0	140	109	6	7	7.0	125	93	4	7	6.0	95	60	3	7	7.5	95	60	2	10	5.0	80	42	10	9	7.0	100	
21	150	4	8	12.5	180	125	8	6	8.5	140	109	7	10	6.5	120	93	4	7	6.5	95	61	4	10	7.5	120	59	3	11	6.0	100	40	8	8	4.5	65	
22	148	6	10	11.5	165	125	8	8	10.5	130	111	4	8	7.0	100	94	3	8	7.0	100	57	10	6	7.5	110	58	4	8	5.5	90	37	8	8	5.0	80	
23	149	5	11	12.5	175	125	8	8	12.0	170	111	5	9	8.0	130	95	3	9	7.0	120	60	8	7	80	130	56	4	9	4.5	70	39	10	4	2.5	40	

Fom = median value of effective antenna noise in db above ktb

D_f = ratio of upper decile to median in db

D_f = ratio of median to lower decile in db

Vdm = median deviation of average voltage in db below mean power

Ldm = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Bill, Wyoming

Lat. 43.2 N Long. 105.2 W

Month April

19 64

Hour (ST)	Frequency (Mc)																																		
	.013				.051				.160				.495				2.5				5				10				20						
	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm
00	156	9	5	11.0	18.0	136	6	6	4.5	8.5	112	10	14	6.0	14.0	94	8	12	6.0	12.5	66	10	10	4.0	7.5	33	14	4	2.0	3.5	25	2	0	2.0	3.0
01	159	8	8	12.0	18.5	136	6	6	4.5	8.0	112	9	13	7.0	16.0	94	9	13	6.5	13.0	66	8	11	4.0	7.0	32	6	3	2.0	3.0	25	2	0	2.0	3.0
02	158	8	7	12.0	18.0	136	7	6	4.5	8.0	114	8	16	7.0	14.5	93	9	12	6.0	12.5	67	7	13	4.0	8.0	32	3	3	2.0	4.0	25	2	0	1.0	2.5
03	158	6	6	11.0	17.5	136	6	6	4.0	8.0	112	8	15	8.0	15.0	92	8	15	6.5	13.5	66	7	12	4.0	7.0	31	4	2	2.0	3.0	25	2	0	1.0	2.5
04	158	6	8	11.5	18.0	134	6	4	3.5	7.5	113	15	13	8.5	15.0	76	12	12	7.5	12.5	62	11	10	5.0	8.5	35	7	4	2.5	5.0	25	2	0	1.0	2.5
05	156	5	7	11.5	17.5	132	5	15	5.0	9.0	92	18	16	6.5	13.0	62	16	10	4.0	7.5	52	9	9	5.0	8.0	41	5	6	3.5	6.5	25	2	1	1.0	2.5
06	156	7	7	11.5	18.0	130	8	6	4.5	8.5	88	25	21	7.0	13.0	58	20	6	2.5	4.5	46	9	16	5.0	8.0	43	11	6	4.0	7.5	25	2	0	1.5	2.5
07	156	6	9	12.0	19.0	127	9	5	5.0	9.0	88	26	21	7.5	13.0	58	22	5	2.0	4.0	34	14	10	5.0	8.0	39	8	4	3.5	6.0	25	2	0	1.0	3.0
08	155	8	8	12.5	19.0	124	10	7	5.5	10.0	88	21	22	8.0	17.5	58	22	6	2.0	4.0	24	12	4	3.5	5.0	31	12	5	2.0	4.0	25	1	2	1.0	3.0
09	156	6	10	12.5	18.5	124	12	7	5.0	9.0	90	25	24	8.0	14.0	58	26	6	2.5	5.0	20	22	2	2.0	3.5	27	16	4	4.0	5.5	25	2	2	1.0	2.5
10	156	8	10	11.5	18.5	128	8	6	4.5	9.5	92	20	22	8.0	14.5	58	20	4	2.0	3.5	18	25	2	1.5	3.0	27	11	6	3.0	5.0	25	0	2	1.0	2.5
11	156	6	8	11.0	17.5	127	7	5	5.0	9.0	93	21	19	8.0	15.0	58	27	5	2.0	4.0	18	10	2	2.0	3.5	25	15	4	3.0	6.0	25	2	2	1.0	2.5
12	156	8	6	10.5	17.5	128	8	6	5.0	9.0	94	22	14	10.0	17.5	59	25	5	2.5	4.5	18	20	0	2.0	3.5	27	18	6	2.5	4.5	25	1	2	1.5	2.5
13	158	6	6	10.0	17.0	130	7	6	6.0	9.0	96	20	15	8.5	17.0	60	30	4	3.5	5.0	18	22	2	2.0	3.0	30	16	8	3.0	5.0	25	2	2	1.0	2.5
14	160	6	6	10.0	16.0	130	7	7	6.0	10.0	98	18	18	9.0	16.0	61	25	6	3.5	5.5	20	24	4	2.0	3.5	33	13	9	4.0	8.0	25	2	2	1.5	2.5
15	160	6	9	10.5	16.5	130	9	8	6.5	10.0	100	20	20	8.0	14.0	62	34	6	5.0	7.5	23	22	5	3.5	4.0	39	12	10	4.0	8.5	25	6	2	1.5	3.0
16	160	6	10	10.0	16.5	131	12	10	6.0	10.0	104	20	24	8.0	14.5	64	31	8	4.0	7.0	28	28	8	2.5	4.5	47	10	11	4.0	8.0	25	4	2	1.5	2.5
17	159	6	10	11.0	17.0	132	6	12	6.5	11.0	104	13	20	9.0	15.5	70	17	13	4.0	7.5	42	15	13	4.0	8.0	49	12	7	3.0	6.0	25	3	2	1.0	2.5
18	158	6	9	10.5	16.5	130	8	7	4.5	9.5	108	12	15	6.5	12.5	82	11	15	5.0	10.0	52	13	12	4.0	7.0	57	9	5	3.0	7.0	25	2	2	1.5	3.0
19	158	6	9	11.0	18.0	134	7	9	6.5	10.5	112	9	12	6.5	13.0	87	9	6	5.5	10.0	64	10	14	4.0	7.5	60	9	6	3.5	6.0	25	2	2	1.0	2.5
20	159	7	9	11.0	18.0	136	8	6	5.0	8.0	114	10	14	7.0	13.5	92	8	10	6.0	11.5	66	10	12	3.5	7.0	61	7	8	4.0	7.0	25	2	2	1.0	2.5
21	159	8	8	10.5	17.5	136	8	4	4.0	8.0	114	8	14	6.0	14.0	93	12	7	6.5	12.0	67	9	14	3.5	7.0	59	10	8	4.0	7.0	25	2	0	1.0	2.5
22	158	8	7	11.5	19.0	136	7	5	4.5	8.0	113	10	10	7.0	15.0	95	14	8	6.0	12.0	66	10	12	4.0	7.5	57	7	6	4.5	8.5	25	2	0	1.0	2.5
23	158	8	7	12.0	19.0	136	7	6	4.5	8.0	112	10	10	6.0	12.0	94	9	8	6.0	11.0	66	10	12	4.0	8.0	56	9	7	4.5	8.5	25	2	0	1.5	2.5

Fom = median value of effective antenna noise in db above ktb

Du = ratio of upper decile to median in db

Df = ratio of median to lower decile in db

Vdm = median deviation of average voltage in db below mean power

Ldm = median deviation of average logarithm in db below mean power

F ₁	Frequency (Mc)																																						
	.013			.051			.160			.495			2.5			5			10			20																	
	F _{am}	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _ℓ	V _{dm}	L _{dm}											
00	160	6	2	10.0	17.5	440	4	4.5	8.5	118	5	9	6.0	13.0	94	7	8	5.5	11.5	91	6	9	4.5	9.0	60	6	4	4.0	8.0	39	13	7	2.5	4.0	27	2	0	1.0	2.5
01	162	4	4	10.0	18.0	138	6	2	4.5	80	5	12	6.0	13.5	94	8	10	4.5	9.0	71	6	10	4.5	9.0	60	4	4	4.0	8.0	37	10	6	3.0	5.5	27	0	0	1.5	2.5
02	160	5	2	10.5	18.0	138	4	2	4.0	80	7	7	6.0	13.0	94	7	8	6.0	13.0	71	6	9	4.5	10.0	60	3	4	3.0	7.0	36	11	5	2.5	5.0	27	0	0	1.0	2.5
03	158	6	1	11.0	18.5	138	3	3	4.0	85	11	8	5.0	16.5	84	9	6	9.0	18.0	69	6	7	5.0	10.0	58	6	4	4.5	8.5	35	11	4	2.5	4.5	27	0	0	1.5	2.5
04	160	2	6	11.0	18.5	134	2	2	4.0	85	10	12	16	10.0	62	27	10	7.0	12.5	63	9	10	4.5	8.5	56	7	4	4.0	8.0	39	5	4	2.5	4.5	27	0	0	1.5	3.0
05	158	4	4	10.5	19.0	130	4	4	5.0	85	98	12	22	11.5	58	17	8	6.5	11.5	46	9	9	6.0	9.5	50	6	7	5.0	9.0	39	4	4	3.0	5.0	27	0	2	1.5	3.0
06	158	3	5	12.0	19.5	130	4	4	4.0	9.0	100	8	25	12.0	58	18	8	6.5	10.0	35	13	6	5.5	9.0	44	7	8	6.0	9.5	37	6	2	4.0	7.0	27	2	2	2.0	3.0
07	158	4	4	12.0	20.0	130	3	6	5.5	10.5	98	13	23	12.0	56	26	6	2.5	5.0	27	13	4	3.5	6.0	40	6	8	6.0	10.0	37	4	4	3.5	7.0	27	2	2	1.5	3.0
08	158	3	2	12.0	19.5	130	3	6	6.0	10.5	96	19	16	11.5	57	25	6	6.0	10.5	23	13	2	4.0	7.0	34	10	6	4.0	6.0	35	6	4	4.0	7.5	27	2	2	1.0	2.5
09	158	4	3	12.0	20.0	130	4	6	5.5	10.0	96	22	12	10.0	56	23	4	4.0	7.0	23	11	2	2.0	3.0	32	12	5	5.0	7.5	33	10	2	4.0	7.0	26	3	1	1.0	2.5
10	160	4	6	12.0	20.0	132	4	4	6.0	10.5	100	17	16	11.5	60	22	7	6.5	10.0	23	12	2	2.0	3.5	32	14	6	4.0	8.0	35	8	4	4.5	8.5	27	2	2	1.0	3.0
11	160	6	6	11.0	18.0	132	6	4	5.5	10.0	104	16	15	11.5	68	28	14	10.0	17.5	23	20	2	2.5	4.0	34	12	9	5.5	9.5	35	6	4	4.0	8.0	27	2	2	2.0	4.0
12	162	5	7	10.5	17.0	134	8	6	6.0	10.0	108	20	17	11.0	75	34	19	9.0	17.5	24	39	3	3.0	5.0	34	18	10	6.0	10.0	37	6	6	4.0	7.0	27	6	2	1.5	4.0
13	164	5	6	9.5	16.0	134	12	4	6.0	10.0	112	17	14	11.0	80	29	18	11.0	18.0	25	45	4	3.0	6.0	36	24	8	4.5	7.0	39	7	6	3.5	7.0	27	5	2	1.5	3.5
14	164	6	5	10.0	16.0	135	11	4	6.5	10.5	114	15	16	11.0	82	28	24	11.0	18.5	31	40	10	4.0	7.5	40	17	8	4.5	8.5	41	7	2	3.5	6.5	27	6	2	1.5	3.0
15	164	6	4	8.0	14.0	136	12	4	5.0	9.0	118	13	20	9.0	82	29	23	7.5	12.5	37	32	14	7.5	13.0	46	13	10	4.5	9.0	45	7	5	3.0	6.0	27	9	2	1.0	3.0
16	164	6	4	8.5	14.5	138	8	6	7.5	11.0	116	15	18	8.5	87	25	27	7.0	13.5	41	33	15	5.5	11.0	48	15	6	4.5	8.5	49	8	7	2.5	5.5	27	5	1	1.5	3.0
17	164	5	6	8.5	14.0	138	7	7	6.0	11.0	116	13	16	6.5	83	24	26	6.5	11.5	49	27	17	4.5	10.0	54	8	8	4.5	7.5	51	9	7	2.5	5.0	27	10	0	1.5	3.0
18	166	6	6	8.0	14.0	138	9	7	5.5	10.0	116	13	14	6.0	84	24	22	6.0	11.0	54	15	12	4.5	8.0	60	6	7	3.0	5.5	53	9	7	2.0	4.0	29	5	2	1.5	3.5
19	164	5	6	8.0	14.0	138	7	8	5.5	9.5	116	13	9	5.0	90	14	12	4.0	8.0	63	12	8	2.5	6.0	64	5	6	3.0	6.5	53	9	7	2.5	5.5	29	2	2	1.5	3.0
20	164	4	4	8.0	14.0	140	5	6	5.5	10.0	120	8	8	4.5	94	8	9	4.0	8.0	72	8	10	4.0	8.0	66	4	4	3.0	6.5	47	10	8	2.5	5.0	27	2	1	1.0	2.5
21	164	3	5	9.0	15.5	140	5	4	4.5	9.0	118	9	7	6.0	94	10	8	5.0	10.0	71	9	8	3.5	7.0	64	6	6	4.0	7.5	45	12	8	2.0	4.0	27	2	0	1.0	2.5
22	162	5	4	9.5	17.0	140	5	5	4.5	8.5	120	6	10	5.5	96	8	9	5.5	12.0	71	8	8	4.0	7.0	62	6	5	4.0	7.5	43	12	8	1.5	3.5	27	2	0	1.0	2.0
23	162	6	4	10.0	17.5	140	4	5	4.0	8.0	118	6	8	6.5	94	8	10	5.5	12.0	71	8	10	3.5	7.5	60	6	4	4.0	8.0	41	11	7	2.0	4.0	27	2	0	1.0	2.0

F_{am} = median value of effective antenna noise in db above ktb
 D_ℓ = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

Hour (ST)	Frequency (Mc)																																									
	.013				.051				.160				.495				2.5				5				10				20													
	Fom	Df	Vdm	Ldm	Fom	Df	Vdm	Ldm	Fam	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm	Fam	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm	Fam	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm						
00	155	12	4	125	19.0	13	1	8	9	6.0	10.0	10	11	15	9	9.0	16.5	86	14	8	7.5	15.5	58	14	7	6.0	9.5	58	7	8	6.0	12.0	36	11	4	3.0	5.5	23	2	0	2.0	3.5
01	155	12	4	135	19.0	13	1	5	5	5.0	9.0	10	11	14	9	9.5	16.0	87	12	9	8.0	14.5	58	14	6	4.5	7.0	10.0	34	10	2	3.0	4.0	23	2	0	2.0	3.5				
02	155	11	3	135	20.0	12	1	12	4	7.0	11.0	10	11	10	12	10.0	17.5	84	16	8	6.0	11.5	58	12	8	4.5	8.0	9.5	34	9	3	2.5	3.5	25	1	2	2.0	3.5				
03	155	9	3	135	20.0	12	1	10	4	6.0	10.0	10	11	12	12	10.0	15.5	86	12	12	8.0	16.0	60	10	9	5.0	8.0	10.0	34	4	2	2.5	4.5	25	0	2	2.0	3.5				
04	155	8	3	140	20.5	13	1	7	4	6.0	9.5	10	11	15	14	10.5	18.0	80	14	10	8.5	16.0	58	11	6	5.0	8.0	9.5	35	7	3	3.0	5.0	23	2	0	2.0	4.0				
05	153	8	2	135	20.0	12	1	6	3	4.0	8.0	9	10	16	10	7.5	11.0	68	13	3	5.0	7.0	56	11	6	4.5	7.0	10.0	40	4	7	3.0	6.0	23	2	0	1.5	3.0				
06	153	4	3	125	18.5	12	1	5	5	5.0	9.0	8	9	16	4	4.5	7.5	64	10	3	3.0	5.0	50	10	2	5.5	9.0	48	5	5	3.5	6.5	23	2	0	2.0	3.5					
07	151	6	4	135	19.0	12	1	5	6	4.5	9.0	8	9	14	2	3.5	6.5	64	9	2	3.5	6.0	46	2	2	2.5	5.0	42	5	2	5.0	7.0	40	4	4	3.0	6.0	23	3	0	2.0	4.0
08	151	6	6	125	19.0	11	1	8	6	4.5	9.0	8	9	12	2	4.0	7.0	64	6	2	2.5	5.0	46	2	3	2.5	4.5	38	6	2	4.5	7.0	38	4	2	4.0	6.5	23	3	0	2.0	4.0
09	152	5	5	130	18.0	11	1	13	12	3	6.0	10.0	8	14	2	3.0	4.5	68	4	4	2.5	4.5	46	1	4	2.5	4.0	38	4	2	3.0	5.0	36	2	4	4.0	6.5	23	5	0	2.0	4.0
10	151	9	6	110	16.0	11	1	7	5	4.0	8.5	8	10	16	0	3.0	6.0	68	2	4	3.5	4.0	46	2	3	2.5	5.0	38	3	3	3.0	5.0	34	6	2	4.5	7.0	25	4	2	1.0	4.0
11	151	8	4	110	16.5	11	1	8	5	4.0	8.0	8	10	14	4	5.0	8.5	66	4	2	2.5	4.0	44	4	4	2.5	4.5	38	2	4	3.0	5.0	34	5	2	4.0	6.0	25	6	2	2.5	4.0
12	151	5	4	110	17.0	11	1	8	6	4.0	8.0	8	10	16	2	3.0	6.0	67	1	2	3.0	4.0	46	2	5	2.5	4.0	38	3	3	3.5	5.5	36	6	4	4.0	6.5	25	5	2	2.5	4.5
13	153	8	6	110	16.0	11	1	7	4	4.0	8.0	8	10	16	2	6.5	9.0	68	2	4	2.5	4.0	45	2	3	2.0	4.0	38	2	4	3.0	4.5	36	7	2	4.5	6.5	24	7	1	2.0	4.0
14	153	8	6	110	16.5	11	1	8	4	3.5	7.0	8	10	13	4	3.5	5.5	66	2	2	3.0	5.0	44	4	2	2.5	5.0	40	2	6	3.5	5.0	40	4	4	4.5	9.0	25	6	2	2.5	4.5
15	153	8	6	115	18.0	11	1	6	2	5.0	8.5	8	10	15	2	3.5	5.5	66	4	4	3.5	5.5	46	2	4	2.5	4.0	40	6	4	4.0	6.5	44	4	4	4.0	7.5	25	4	2	3.0	5.0
16	151	10	5	135	19.0	11	1	14	4	5.0	9.0	8	10	12	5	5.0	8.0	64	7	2	3.0	5.0	46	3	4	2.5	4.0	42	11	3	4.5	8.5	46	6	2	4.5	7.5	25	2	2	2.0	3.5
17	153	4	7	130	19.0	12	1	5	8	4.5	13.5	9	10	17	7	4.0	7.0	70	17	7	4.0	7.0	48	8	2	4.5	7.0	52	4	7	4.5	7.5	48	4	5	3.5	6.5	23	2	2	2.5	4.0
18	153	7	6	135	19.5	12	1	6	6	4.0	8.0	10	11	15	12	8.0	14.0	80	17	11	7.5	11.0	54	13	6	3.0	7.0	58	5	8	4.0	8.0	48	7	5	4.0	6.5	23	2	2	2.5	4.0
19	154	11	7	150	19.5	12	1	12	4	6.0	8.0	10	11	16	13	9.0	14.5	82	21	6	7.5	12.5	58	11	8	4.0	7.0	58	5	7	4.5	9.0	47	7	13	3.0	5.5	23	2	2	2.0	3.5
20	155	12	6	150	20.0	12	1	10	6	4.0	8.5	10	11	16	9	9.5	16.0	84	19	7	8.5	14.0	60	10	9	4.0	7.5	58	6	5	5.0	9.0	40	13	8	3.0	5.0	23	1	2	2.0	3.5
21	155	11	5	160	22.0	12	1	12	5	6.0	10.5	10	11	14	8	8.5	15.0	84	17	6	7.0	11.5	58	12	6	5.5	9.0	9.5	37	14	7	3.0	5.5	23	2	2	2.5	4.5				
22	155	13	5	145	20.0	12	1	12	6	4.5	8.0	10	11	17	6	9.5	15.0	84	17	5	7.0	13.0	58	13	7	5.0	8.0	56	8	5	6.0	10.5	38	14	7	2.5	5.0	23	2	2	2.0	3.5
23	155	13	4	150	21.0	13	1	8	8	7.0	11.0	10	11	21	4	9.0	15.0	84	17	4	7.0	14.0	58	14	8	4.0	7.5	56	8	4	6.0	10.0	38	10	6	2.5	4.5	23	2	0	2.0	3.5

Fom = median value of effective antenna noise in db above k1b
 Du = ratio of upper decile to median in db
 Df = ratio of median to lower decile in db
 Vdm = median deviation of average voltage in db below mean power
 Ldm = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Boulder, Colorado

Lat. 40.1 N Long. 105.1 W

Month May

19 64

Hour (ST)	Frequency (Mc)																																		
	.013			.051			.160			.495			2.5			5			10			20													
	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm								
00	159	8	2	11.5	180	137	8	6	7.5	135	96	7	9	6.5	11.5	68	10	6	5.0	100	60	6	3	3.0	7.5	42	6	7	2.5	5.0	25	2	2	2.0	3.0
01	161	7	4	12.0	170	137	9	6	7.0	110	94	9	7	5.0	10.0	70	8	8	4.5	85	60	6	4	4.5	85	39	8	4	3.5	4.0	25	0	2	1.5	3.0
02	161	6	6	12.5	20.0	137	8	4	7.5	130	114	10	8	7.0	12.5	70	8	6	5.0	100	60	4	4	4.0	7.5	37	9	4	3.0	6.0	23	2	0	2.0	3.0
03	161	4	9	11.0	17.0	135	7	8	7.0	115	114	4	10	8.0	14.0	88	8	8	6.0	100	58	6	4	5.0	9.0	37	10	2	3.0	5.0	25	0	2	1.5	3.0
04	159	4	6	11.5	17.5	131	9	6	6.0	110	98	17	11	8.0	14.0	68	22	5	4.0	7.0	64	8	6	6.0	10.5	56	8	6	6.0	10.0	40	3	5		
05	155	9	4	11.0	17.0	127	10	7	7.0	110	96	20	12	6.0	10.0	66	25	5	3.0	5.0	50	14	4	3.0	5.0	50	12	8	5.0	8.0	41	4	4	3.0	6.0
06	155	8	6	12.0	18.0	129	6	9	6.0	100	95	18	11	8.0	13.0	66	15	4	2.0	4.0	48	6	6	6.0	8.0	44	10	9	4.0	6.0	39	6	2	4.5	7.0
07	157	7	8	13.0	19.0	127	9	8	8.0	125	94	20	10	7.0	10.0	66	23	4	3.5	5.5	48	4	4	2.0	3.0	42	10	4	5.0	8.0	39	8	6	4.5	7.0
08	159	6	7	11.0	17.0	130	3	5	8.5	125	94	22	13	11.0	17.5	66	24	4	3.0	4.0	46	6	4	4.0	8.0	40	8	2	4.5	7.5	37	4	2	5.0	7.0
09	158	8	7	14.0	20.5	129	11	10	8.0	130	99	16	14	7.0	12.5	66	27	5	3.5	6.0	46	6	4	8.0	11.0	40	8	2	3.0	5.0	37	8	6	3.5	6.0
10	159	8	3	14.0	20.5	128	8	7	8.5	140	98	20	12	7.5	12.0	68	24	6	3.5	6.0	48	7	6	5.0	7.5	40	9	8	2.0	4.0	37	8	6	3.0	5.0
11	161	6	8	11.0	17.5	130	5	7	6.0	100	110	12	24	7.0	12.5	76	31	13	4.0	6.5	48	12	10	8.5	13.5	41	11	7	3.5	5.0	37	8	6	4.5	10.0
12	163	6	8	11.5	16.0	133	6	8	8.5	130	113	10	19	9.0	14.0	76	34	12	6.0	8.0	48	15	7	8.5	12.5	40	14	12	4.0	7.0	39	4	6	4.0	7.0
13	163	6	6	11.0	18.0	133	2	6	7.0	120	112	15	16	8.5	14.0	80	26	14	11.5	15.0	48	14	6	6	6	42	14	8	3.0	5.5	39	4	4	4.0	7.0
14	163	10	6	10.0	16.0	138	9	8	8.0	125	118	8	20	8.5	13.5	94	11	22	8.5	14.0	57	13	11	4.0	7.5	44	12	6	2.5	6.0	41	8	4	3.0	6.0
15	165	4	6	8.5	14.0	137	9	11	8.5	12.5	119	9	21	7.5	14.0	86	22	18	8.5	15.0	52	12	8	5.0	7.0	48	14	8	3.5	6.0	43	6	5	4.0	7.0
16	165	6	7	9.0	14.0	137	10	6	7.0	10.0	118	10	18	7.5	12.5	92	16	23	7.5	12.5	50	25	7	3.0	4.0	50	11	9	4.0	7.0	46	6	5	2.0	5.0
17	165	4	8	8.0	13.0	139	7	6	7.5	11.5	116	12	19	7.0	12.0	91	15	21	7.5	15.0	54	14	9	6.0	10.0	54	8	11	4.0	7.5	49	7	5	3.0	5.0
18	165	4	6	8.0	13.0	137	9	4	7.0	10.0	118	10	19	6.0	11.5	88	14	16	6.0	11.0	59	9	9	4.5	8.0	60	6	9	2.5	4.5	57	5	4	3.0	5.0
19	165	6	8	8.0	13.0	139	5	7	7.0	9.0	118	10	8	5.0	7.0	92	12	14	5.5	9.5	70	2	12	3.5	6.0	66	6	12	3.0	5.0	52	4	5	2.0	5.0
20	163	6	6	8.5	13.0	139	7	5	6.0	11.0	120	6	6	6.0	10.0	98	4	10	5.0	9.0	71	7	7	5.0	8.0	66	4	10	3.5	6.0	57	5	7	4.0	6.0
21	164	5	8	10.2	15.5	139	7	7	6.5	11.0	118	8	6	6.5	10.5	98	6	8	5.0	10.0	71	7	7	4.5	7.5	64	6	6	4.0	8.0	47	8	7	2.0	4.0
22	161	6	4	9.5	16.0	139	8	7	7.0	11.0	118	8	8	6.5	12.0	95	9	9	5.5	9.5	70	8	10	4.0	7.5	62	5	7	4.0	7.5	44	8	6	2.5	4.0
23	161	6	4	10.0	15.0	139	7	7	7.5	10.0	118	6	8	6.5	12.5	96	8	9	6.0	11.0	70	8	11	5.0	8.0	62	4	7	5.0	8.5	44	8	8	2.5	5.0

Fom = median value of effective antenna noise in db above ktb

D_f = ratio of upper decile to median in db

Vdm = ratio of median to lower decile in db

Vdm = median deviation of average voltage in db below mean power

Ldm = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Cook, Australia Lat. 30.6 S Long. 130.4 E Month March 19 64

Hour (ST)	Frequency (Mc)																																					
	0.13			0.51			1.60			4.95			2.5			5			10			20																
	F _{am}	D _f	V _{dm}	F _{am}	D _f	V _{dm}	F _{am}	D _f	V _{dm}	F _{am}	D _f	V _{dm}	F _{am}	D _f	V _{dm}	F _{am}	D _f	V _{dm}	F _{am}	D _f	V _{dm}	F _{am}	D _f	V _{dm}	F _{am}	D _f	V _{dm}											
00	157	4	3	8.0	13.0	132	6	6	11.0	18.0	109	7	8	10.0	16.5	88	9	7	8.0	14.0	61	6	8	7.5	12.5	53	6	4	5.5	10.0	40	4	4	4.5	6.5	22	0	0
01	157	4	2	9.0	14.0	132	6	4	11.0	17.5	107	7	5	9.5	16.0	88	7	6	8.5	15.0	61	5	6	7.0	12.0	53	6	4	5.5	9.0	38	6	4	4.5	7.0	22	0	0
02	157	3	2	7.5	12.0	132	6	4	10.0	16.0	107	7	5	9.5	16.5	88	6	7	8.0	14.0	61	4	7	6.0	11.5	53	0	4	5.5	9.0	38	4	2	4.0	6.0	22	1	0
03	157	2	2	9.0	13.0	133	5	5	10.0	16.0	105	8	4	10.0	16.0	86	7	3	8.0	14.5	59	4	6	6.0	11.5	57	4	4	4.5	8.5	36	4	4	3.5	5.5	22	0	0
04	157	2	2	10.5	16.0	130	6	4	10.5	17.0	105	8	6	9.5	17.0	86	5	4	9.0	16.0	61	5	6	6.0	11.0	55	4	3	5.5	9.0	34	4	4	3.5	5.0	22	0	0
05	157	2	4	10.5	16.0	130	4	5	10.5	16.5	103	7	5	11.0	18.5	82	10	4	7.0	19.0	59	7	4	6.5	11.5	55	2	4	4.5	8.0	32	8	2	3.5	4.5	22	2	0
06	157	2	4	10.5	17.0	122	6	3	11.5	16.5	85	6	3	9.0	16.0	46	13	6	6.0	8.0	57	7	5	6.5	10.5	53	3	5	5.0	8.5	38	10	5	4.0	5.0	22	0	0
07	153	2	2	11.0	17.0	120	7	8	12.0	19.0	73	11	9	12.0	21.0	40	6	2	5.5	4.5	37	8	8	7.5	12.0	39	6	4	6.5	9.5	36	6	4	3.0	5.5	22	2	0
08	153	2	4	12.0	19.0	116	8	7	13.5	20.5	73	11	9	12.5	17.0	40	5	2	3.5	4.5	25	12	6	7.0	11.0	29	7	6	8.0	11.0	36	4	5	4.0	5.5	22	2	0
09	152	4	3	13.5	20.0	114	10	8	13.5	21.5	75	8	8	13.0	20.0	40	3	2	4.0	4.5	21	3	2	8.0	9.0	21	12	6	7.0	9.5	28	2	2	3.0	4.0	22	0	2.5
10	153	2	4	13.0	20.5	118	6	12	13.5	22.0	79	8	13	13.0	19.5	40	12	2	4.0	5.0	19	4	0	4.0	5.0	19	4	4	7.0	9.5	26	2	2	2.5	3.5	22	0	0
11	151	4	4	13.0	19.5	118	9	10	13.5	24.0	75	14	8	13.0	18.0	40	5	2	4.5	6.5	19	4	0	5.5	6.0	19	4	4	6.5	9.0	24	3	2	3.5	6.0	22	2	1
12	151	6	2	13.5	21.0	120	7	10	13.0	21.0	81	11	11	11.0	19.5	40	10	2	3.0	4.0	19	5	4	5.5	9.0	24	5	4	5.5	8.0	24	5	3	3.5	5.5	22	2	2
13	153	4	4	14.5	22.5	122	6	9	13.0	21.0	85	8	6	12.0	20.0	44			4.0	*	19	7	5	5.5	8.0	26	4	4	5.5	8.0	26	4	2	3.5	8.0			3.0
14	155			11.5	19.5	124			9.0	17.0	83	10	8	10.0	15.0	42	12	4	4.0	6.0	19	9		4.0	5.0	21			4.5	8.0	27	7	3	4.0	6.5	22	4	0
15	156	3	4	10.0	18.5	126	4	9	8.5	16.0	87	8	12	9.0	15.5	42	10	2	4.0	6.0	19	4	0			27	8	8	6.5	11.0	32	6	6	4.0	6.0	24	2	0
16	157	2	5	10.5	16.5	124	6	6	8.0	15.0	85	10	11	9.0	16.5	44	14	3	4.5	6.0	25	10	6	5.5	8.0	35	5	11	7.0	13.0	36	4	4	4.5	7.0	24	4	2
17	157	3	6	10.0	16.5	124	6	11	8.5	15.0	89	7	13	8.0	14.0	56	13	10	5.5	9.5	35	10	7	8.0	12.0	40	6	5	8.0	13.0	40	4	4	5.0	8.0	22	5	0
18	155	4	5	9.0	14.0	114	18	0	8.0	13.5	97	10	7	6.5	12.5	80	8	11	6.5	13.0	49	9	7	7.5	15.0	49	8	5	5.0	9.0	42	5	4	5.0	7.5	22	2	2
19	155	5	4	10.5	16.0	130	4	9	10.0	18.0	105	6	11	7.5	14.0	86	9	8	6.5	13.5	61	5	8	7.5	14.5	55	4	6	5.0	10.0	42	4	3	5.0	8.5	22	2	0
20	157	3	5	11.0	17.0	130	6	6	9.5	16.5	105	6	10	8.0	14.5	88	8	8	7.0	14.0	63	6	9	7.5	13.0	55	6	4	6.0	11.0	42	4	4	4.0	6.0	22	0	0
21	157	2	4	10.0	15.5	132	4	7	10.0	16.0	107	6	9	9.0	15.0	90	6	9	8.5	16.0	63	5	10	7.0	13.0	57	6	6	5.5	10.0	42	4	4	4.0	7.0	22	0	0
22	157	2	4	10.0	15.5	130	6	4	9.5	16.5	107	6	7	9.0	15.0	90	6	8	8.5	16.0	61	6	7	6.5	13.0	55	4	6	6.0	10.0	40	9	4	5.0	7.0	22	0	0
23	157	2	4	9.5	14.0	132	4	7	11.0	17.0	107	6	7	9.0	16.0	90	6	10	8.5	14.0	61	6	7	7.5	12.5	55	3	6	7.0	11.0	40	6	5	4.5	6.0	22	0	0

F_{am} = median value of effective antenna noise in db above ktb
 D_f = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

Hour (LST)	Frequency (Mc)																																					
	.013			.051			.160			.495			2.5			5			10			20																
	F _{am}	D _g	V _{dm}	F _{am}	D _g	V _{dm}	F _{am}	D _g	V _{dm}	F _{am}	D _g	V _{dm}	F _{am}	D _g	V _{dm}	F _{am}	D _g	V _{dm}	F _{am}	D _g	V _{dm}	F _{am}	D _g	V _{dm}														
00	158	5	2	9.0	13.5	131	5	4	10.0	16.0	109	7	4	8.0	14.0	90	8	6	9.0	14.0	59	11	5	5.0	10.0	53	4	4	4.5	8.0	40	2	4	4.0	6.5	22	0	0
01	160	2	4	9.0	13.0	131	4	4	10.0	16.0	109	7	3	8.0	14.0	90	6	6	8.0	14.0	59	9	5	6.0	11.0	53	4	3	6.0	9.0	38	5	1	4.0	6.0	22	0	0
02	158	4	2	9.0	13.5	131	5	4	10.5	15.5	109	4	4	8.0	12.0	88	8	4	8.5	16.0	59	8	5	6.0	10.5	53	4	3	5.5	9.5	38	4	4	4.0	6.5	22	0	0
03	158	3	2	9.5	14.0	131	3	4	10.5	16.0	109	6	4	8.0	13.0	89	7	5	8.0	13.0	59	5	6	7.0	11.0	59	4	5	4.0	7.0	38	4	4	4.5	7.0	22	0	0
04	158	3	2	9.5	15.0	129	8	2	10.5	16.0	107	10	3	8.0	13.0	88	9	4	8.0	14.0	59	6	5	7.0	11.5	55	3	3	4.5	9.0	36	5	4	3.5	5.5	22	0	0
05	158	4	2	10.0	16.0	129	6	4	10.5	16.0	103	13	2	9.5	14.5	84	11	3	8.0	12.5	57	10	4	7.5	12.0	53	3	4	5.0	9.0	34	6	3	6.0	9.0	22	2	0
06	158	2	4	10.0	16.0	125	7	3	10.0	16.0	95	12	4	11.5	18.0	62	13	9	16.5	29.5	35	12	4	7.0	11.5	53	2	6	7.0	11.0	36	4	2	3.0	6.0	22	2	0
07	156	2	4	11.0	17.0	119	9	6	11.0	16.5	77	21	11	16.0	23.0	44	19	4	3.5	8.0	41	16	2	9.5	15.0	45	8	5	3.5	9.0	36	5	3	4.5	6.5	24	0	2
08	152	5	4	10.0	16.0	113	12	7	12.0	18.5	75	25	12	9.0	11.0	42	19	2	3.5	5.0	31	18	8	10.0	19.0	31	16	4	8.5	15.0	34	11	4	4.0	7.0	24	1	2
09	154	4	5	11.0	17.5	113	14	10	12.5	20.0	77	16	14	15.0	21.0	42	18	2	2.5	4.0	25	8	4	9.0	14.0	23	20	6	10.0	17.0	28	13	2	5.0	7.5	24	0	2
10	154	4	4	11.5	17.5	109	12	4	15.0	21.5	75	18	12	14.0	18.5	42	13	2	2.5	3.5	25	7	4	7.0	10.5	19	18	2	9.0	13.0	24	14	2	6.5	10.0	22	2	0
11	153	3	2	12.0	20.0	111	9	4	14.0	21.5	73	18	8	13.0	19.0	42	16	2	5.0	6.0	23			7.0	10.5	19	16	4	8.5	15.5	24	7	2	4.0	6.0	22	2	2
12	152	5	2	13.0	20.0	113	9	7	15.0	23.5	79	17	13	13.5	20.0	46	13	6	6.0	9.0	21			6.0	10.0	18	9	3	6.5	8.5	24	6	3	4.0	6.5	22	2	2
13	154	4	4	13.0	20.0	115	10	8	13.0	19.5	81	9	12	13.0	22.5	46	12	6	7.5	10.0	21			6.0	9.0	19	14	4	7.0	7.0	24	8	2	5.0	7.5	22	2	0
14	156	2	4	11.0	17.5	119			12.5	20.0	85	18	11	14.0	22.0	44	21	4	9.0	12.0	23			4.5	7.5	24	11	7	9.0	12.0	32	4	6	6.5	8.5	24	4	2
15	156	4	2	10.0	17.0	117	10	5	11.0	17.5	87	18	14	11.5	20.0	50	22	8	10.5	16.0	25	11	4	8.0	12.0	31	15	12	7.0	12.0	35	5	4	5.0	8.0	24	1	2
16	156	5	1	9.5	15.0	122	10	9	9.0	15.0	93	17	18	12.5	21.0	54	19	12	9.5	20.0	31	17	6	7.0	14.0	39	12	11	7.0	13.0	40	4	4	4.0	7.0	24	2	2
17	156	6	1	8.5	14.0	121	14	12	10.5	17.0	95	17	11	11.0	20.0	74	16	14	10.5	20.0	45	15	13	6.0	11.5	46	10	12	6.5	11.0	40	6	2	4.5	7.5	24	0	2
18	156	4	2	8.5	13.5	125	11	8	11.5	18.0	103	13	10	10.0	19.5	88	8	10	10.0	17.0	55	13	8	7.0	13.0	53	7	8	6.0	11.0	40	4	2	5.0	7.0	22	0	0
19	158	4	2	8.5	14.0	127	10	6	10.5	17.0	105	13	8	9.0	16.0	90	10	10	7.5	14.5	59	12	8	7.0	12.5	55	5	7	5.5	9.0	40	5	4	3.5	6.0	22	1	0
20	158	5	2	9.5	14.0	129	9	5	10.5	16.5	107	9	8	7.0	13.5	90	10	8	7.0	13.0	61	12	8	6.0	10.5	55	6	4	5.5	9.0	40	5	3	4.5	6.0	22	0	0
21	158	5	2	9.0	14.0	129	9	2	9.5	16.0	107	10	4	8.5	15.5	90	9	5	7.5	13.0	61	10	5	6.0	11.0	59	2	7	5.0	9.5	40	2	6	4.5	7.5	22	0	0
22	158	6	2	9.5	14.0	131	6	4	10.0	16.0	107	8	4	7.5	13.5	90	9	5	7.0	13.5	63	9	8	6.0	10.5	55	5	5	6.5	12.0	40	7	2	4.0	6.5	22	0	0
23	158	5	2	10.0	14.0	129	7	2	9.5	15.5	109	5	4	8.0	13.0	92	9	8	8.0	13.0	61	9	6	6.0	10.5	55	4	6	6.0	10.5	38	7	2	5.0	7.5	22	0	0

F_{am} = median value of effective antenna noise in db above ktb
 D_g = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Cooks, Australia

Lat. 30.6 S Long. 130.4 E

Month May

19 64

F _{ion} (MHz)	Frequency (Mc)																																			
	.013				.051				.160				.495				2.5				5				10				20							
	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	Fom	Du	Df	Vdm	Ldm	
00	156	3	2	8.5	13.0	127	5	3	9.0	14.0	106	8	6	7.0	12.0	85	7	3	6.5	12.0	57	4	4	5.0	9.0	50	5	4	3	8.0	7.0	36	4	4	3.5	5.0
01	158	2	3	8.0	13.0	131	2	5	9.0	14.0	106	7	5	6.0	11.0	85	6	3	7.0	12.0	57	3	4	5.5	9.5	51	3	4	2.5	5.0	23	2	2	2.5	5.0	
02	158	2	3	8.0	13.0	129	4	4	8.0	13.0	106	5	5	7.5	12.5	85	5	5	6.5	12.0	57	4	6	5.5	10.0	50	5	3	4.0	7.0	36	3	2	4.0	6.0	
03	154	2	3	8.5	14.0	131	0	5	8.5	13.5	106	5	6	6.5	12.0	85	6	6	6.5	12.0	55	6	3	6.0	11.0	51	8	4	5.0	8.5	35	7	2	3.0	4.5	
04	157	3	2	9.0	14.0	129	4	3	8.5	14.0	106	6	5	7.5	12.0	85	7	5	7.0	12.5	55	6	5	6.5	11.0	49	6	4	4.0	6.0	34	4	3	3.0	5.0	
05	157	3	4	9.5	15.0	129	4	4	9.0	13.0	104	6	6	8.0	14.0	82	9	3	8.0	13.0	54	7	4	7.0	12.0	49	5	4	6.0	9.5	32	4	1	2.5	4.5	
06	157	3	3	9.5	15.0	127	4	4	9.0	15.0	98	7	6	9.0	15.0	67	8	7	10.5	19.5	53	9	5	6.5	11.5	49	4	6	5.0	8.5	34	4	2	2.5	4.5	
07	156	2	4	10.0	14.5	117	9	4	8.5	14.5	72	2	9	9.0	14.0	41	17	2	6.5	10.0	43	10	6	5.5	8.0	43	6	4	3.5	7.0	36	2	4	3.5	5.0	
08	152	4	2	9.0	15.0	111	12	5	10.0	16.5	66	2	5	12.5	20.0	40	16	2	10.5	19.5	25	18	5	3.0	5.0	31	12	4	5.5	8.5	32	8	2	4.0	6.5	
09	152	5	4	10.5	17.0	109	12	8	13.0	19.5	67	3	5	10.0	17.0	40	13	1	3.5	6.0	21	9	2	7.5	11.5	22	16	4	5.0	4.5	28	6	2	4.5	7.0	
10	152	6	3	11.0	17.0	107	12	2	13.0	19.5	70	17	8	9.5	15.0	39	10	2	3.0	4.0	21	5	2	6.0	8.5	19	11	2	7.0	4.0	26	4	2	2.5	4.0	
11	152	6	2	12.0	18.0	109	11	4	12.5	20.0	70	17	8	10.5	17.0	41	9	2	3.5	6.0	19	8	0	0	0	17	8	2	6.0	8.0	26	4	2	2.5	4.0	
12	152	4	3	12.0	19.5	111	9	4	12.5	19.5	70	18	8	14.0	21.5	43	10	4	9.5	17.0	19	10	0	3.0	4.0	19	12	4	5.0	6.0	26	8	2	3.0	4.5	
13	152	4	2	12.0	19.5	111	8	4	12.5	19.5	70	18	8	8.5	16.0	43	15	5	11.0	17.5	23	8	0	0	0	29	0	0	0	0	30	0	0	0	0	
14	153	0	0	10.5	17.0	113	0	0	10.0	17.0	80	0	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	154	2	2	9.5	16.0	113	6	4	9.5	16.0	76	17	11	10.5	17.0	42	15	3	6.0	6.5	23	8	4	0	0	23	13	6	8.0	12.0	34	5	4	3.0	5.5	
16	154	4	2	8.5	15.0	111	8	4	10.0	15.5	78	18	12	10.5	16.0	47	16	8	8.0	11.0	27	12	6	5.5	8.0	33	11	6	5.0	9.5	38	5	4	3.0	6.0	
17	154	4	2	8.5	14.0	113	10	5	10.0	15.0	88	14	11	11.0	20.0	65	18	8	11.0	19.5	37	17	9	8.0	12.5	40	12	5	5.0	9.0	36	8	2	3.5	6.5	
18	153	5	1	8.5	13.5	117	10	6	12.0	18.0	96	10	6	7.0	19.5	78	10	7	8.0	15.5	49	12	9	8.0	13.0	45	8	4	4.0	8.0	36	5	2	4.0	6.5	
19	156	2	3	8.0	13.0	123	8	3	10.0	16.0	70	9	6	7.5	15.0	82	6	7	6.0	12.5	51	10	5	6.0	11.0	47	12	4	5.0	8.0	36	5	4	3.0	5.0	
20	157	4	3	9.0	14.5	127	6	4	8.5	16.0	104	7	7	7.0	14.0	86	8	6	6.0	12.0	54	9	4	5.0	10.5	49	8	4	6.0	9.5	36	6	2	4.5	8.0	
21	156	5	2	8.5	12.5	129	4	4	9.5	16.0	105	7	5	7.0	12.5	87	6	4	6.5	12.0	57	6	5	6.0	10.0	51	10	6	5.0	7.0	37	4	2	3.0	5.0	
22	156	4	2	8.0	13.0	129	4	4	8.5	14.0	106	8	5	7.0	12.0	87	8	5	6.0	12.0	57	6	4	4.5	8.5	49	6	3	5.0	8.5	38	4	2	3.0	5.5	
23	156	4	2	8.0	12.5	129	3	4	8.0	14.0	106	6	4	7.0	13.0	87	5	5	5.5	10.5	54	6	4	6.0	8.0	51	4	4	4.0	7.0	36	4	3	3.5	6.0	

F_{ion} = median value of effective antenna noise in db above kTb
 Du = ratio of upper decile to median in db
 Df = ratio of median to lower decile in db
 Vdm = median deviation of average voltage in db below mean power
 Ldm = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station ISNS_Eltanin Lat. 60-70.s Long. 52.5-67.5.W Month March 19 64

Time (hr)	Frequency (Mc)																										
	.013			.051			.160			.495			2.5			5			10			20					
	F ⁺	D _L	V _{dm}	F ⁺	D _L	V _{dm}	F ⁺	D _L	V _{dm}	F ⁺	D _L	V _{dm}	F ⁺	D _L	V _{dm}	F ⁺	D _L	V _{dm}	F ⁺	D _L	V _{dm}	F ⁺	D _L	V _{dm}	F ⁺	D _L	V _{dm}
00	152	12.5	20.0	127	10.5	15.0	103	7.5	13.0	89	55	11.0	60	55	11.0	38			38			30			30		
01	155	11.0	18.0	130	8.5	14.0	106	7.0	13.0	89	65	11.5	59	65	11.5	36			36			29			29		
02	155	14.0	20.5	128	9.5	14.0	100	8.5	14.0	89	6.0	11.0	59	6.0	11.0	38			38			31			31		
03	155	11.5	19.0	126	9.0	13.5	102	8.0	12.5	83	6.5	10.5	59	6.5	10.5	40			40			31			31		
04	151	10.5	18.0	124	11.0	15.0	100	8.5	15.0	83	4.5	9.0	53	4.5	9.0	38			38			35			35		
05	151	14.5	20.0	118	8.0	12.0	82	13.5	23.0	65	8.0	16.0	49	8.0	16.0	33			33			33			33		
06	151	13.5	20.0	114	10.5	16.0	76	10.0	15.0	67	4.5	6.0	39	4.5	6.0	31			31			31			31		
07	149	14.0	20.5	110	12.0	19.5	73	7.5	10.5	71	3.0	5.5	35	3.0	5.5	30			30			31			31		
08	151	11.5	17.0	108	11.0	16.0	69	11.0	13.5	65	3.5	6.0	37	3.5	6.0	38			38			32			32		
09	151	13.0	19.0	108	10.0	15.5	66	4.0	6.5	79	3.0	6.5	37	3.0	6.5	30			30			29			29		
10	151	9.5	13.5	113	10.5	18.0	70	3.5	5.5	87	3.5	6.0	27	3.5	6.0	31			31			30			30		
11	152	10.0	15.0	113	9.5	15.5	76			89	3.5	6.5	31	3.5	6.5	29			29			30			30		
12	154	9.5	15.0	117	9.0	15.0	81	19.0	26.5	86	6.5	10.0	31	6.5	10.0	30			30			30			30		
13	156	8.0	13.0	118	7.0	11.5	89	13.5	24.5	84	3.4			3.4		30			30			35			35		
14	156	8.0	12.0	117	7.0	11.0	87	16.0	26.0	74	3.5	6.0	57	3.5	6.0	35			35			32			32		
15	156	7.0	11.0	116	6.0	10.0	92	17.0	28.0	75	3.0	6.0	42	3.0	6.0	36			36			30			30		
16	157	6.5	11.0	115	7.0	11.0	81			70	6.5	12.0	39	6.5	12.0	39			39			34			33		
17	153	8.0	13.0	113	7.0	11.0	81	10.0	14.5	66	8.0	13.0	43	8.0	13.0	43			43			39			33		
18	152	8.5	13.5	116	6.0	10.5	90	7.0	10.0	83	4.5	8.5	52	4.5	8.5	51			51			40			29		
19	153	10.0	15.5	121	7.0	12.0	98	7.0	11.0	90	5.5	11.0	60	5.5	11.0	55			55			38			31		
20	155	11.5	16.5	125	9.5	15.5	103	8.0	13.0	90	5.5	10.5	61	5.5	10.5	55			55			37			32		
21	155	11.5	18.0	127	9.5	15.0	106	6.0	10.0	90	5.5	10.5	58	5.5	10.5	59			59			38			30		
22	155	11.5	18.0	127	10.0	15.5	107	7.0	8.0	90	8.5	14.5	59	8.5	14.5	59			59			36			30		
23	153	13.0	18.5	127	8.5	14.0	105	7.5	12.5	87	5.0	9.5	57	5.0	9.5	57			57			36			31		

F_{am} = median value of effective antenna noise in db above k1b

D_L = ratio of upper decile to median in db

D_L = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eitanin

Lat. 60-70.5 Long. 22.5-37.5 W

Month March 19 64

Hour (LST)	Frequency (Mc)																								
	.013			.051			.160			.495			2.5			5			10			20			
	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	
00	147		10.0 16.5	115			85	4.0	7.5	78			5.0	11.0	53				4.0						
01	142		10.0 16.0	118		8.0 12.5	86	7.5	14.0	77			7.0	14.0	53				3.4						
02	149		11.0 18.0	118		8.0 13.5	88	6.0	12.0	75			4.5	10.0	53				3.6						
03	149		12.5 20.0	120		8.0 12.5	86	7.5	14.0	75			5.5	12.0	53				3.6						
04	149		12.5 21.0	118		9.0 14.0	88	8.5	15.0	73					53				3.6						
05	147		12.0 19.0	118		9.0 13.0	84			75					53				3.6						
06	149		11.0 17.0	116		6.5 10.0	79			75					53				3.4						
07	147		7.0 11.0	113		11.0 16.0	64	4.5	7.0	87					53				3.8						
08	145		3.0 5.5	109		11.0 15.5									35				3.2						
09	147		2.0 4.0	105		11.0 17.0	66								33				3.0						
10	147			104		8.0 12.5				49			4.0	7.0	35				3.0						
11	138			99		9.5 14.0				49					34				3.0						
12	143		9.0 14.0	104		9.0 13.0	68	10.0	12.0	47			6.0	11.0	33				2.8						
13	145		8.0 13.0	104		9.5 14.0	75	6.5	9.0	49			4.0	6.5	31				2.8						
14	145		11.0 16.0	107.		8.0 13.0	68			51					34				2.8						
15	146		10.5 16.0	107		8.0 13.0	67	13.0	18.0	75			10.5	27.0	34				3.0						
16	146		9.5 14.5	108		7.0 12.0	66	6.5	10.0	59					36				4.1						
17	149		8.0 12.5	111		6.5 11.0	84	3.5	5.0	52			4.0	6.5	41				4.1						
18	148		8.0 13.0	113		7.5 11.5	82	7.0	11.0	58			5.5	8.5	50				4.5						
19	148		8.0 13.5	113		7.5 12.0	83	4.5	7.0	69			5.5	9.5	52				5.2						
20	149		9.0 14.5	117		8.0 13.5	86	6.5	11.5	75			5.0	10.5	57				5.3						
21	151		9.5 15.0	118		7.0 12.5	89	7.0	12.0	76			6.0	11.5	58				5.5						
22	150		10.0 16.0	118		7.0 12.0	88	5.0	8.5	76			6.0	11.0	56				5.4						
23	149		10.0 15.5	119		8.5 14.0	88	6.0	11.5	75			6.0	10.0	51				5.7						

F_{am} = median value of effective antenna noise in db above k1b
 D_l = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 F_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltamin

Lat. 50-60 S Long. 67.5-82.5 W Month March 1964

Time (LST)	Frequency (Mc)																									
	0.13			0.51			1.60			49.5			2.5			5			10			20				
	F _{am} [*]	D _g	V _{dm} [*]	F _{am} [*]	D _g	V _{dm} [*]	F _{am} [*]	D _g	V _{dm} [*]	F _{am} [*]	D _g	V _{dm} [*]	F _{am} [*]	D _g	V _{dm} [*]	F _{am} [*]	D _g	V _{dm} [*]	F _{am} [*]	D _g	V _{dm} [*]	F _{am} [*]	D _g	V _{dm} [*]		
00	155	11.0	170	130	6.0	9.5	93	5.5	11.0	61	58	44														
01	155	12.0	190	130	7.0	11.0	93	6.0	12.0	63	62	46														
02	153	12.0	190	130	6.5	10.0	91	4.5	7.5	65	60	46														
03	155	11.0	180	132	8.5	13.5	93	4.0	7.5	61	60	40														
04	157	13.0	210	130	8.5	13.0	77			63	62	38														
05	155			126	8.0	13.0	94	11.5	21.0	53	56	40														
06	155	11.5	180	122	8.5	15.0	86	13.0	24.0	63	46	38														
07	151	11.0	170	116	12.5	21.0	82			180	280	35	42													
08	149	11.0	160	111	10.0	18.0	82			39	32	39														
09	151			111	12.5	20.0	77			65	31	31														
10	151	12.0	170	114	7.5	14.0	84	15.0	26.0	67	30	32														
11	151	8.0	140	114	8.0	14.0	84	13.5	23.0	65	32	26														
12	153	9.0	150	116	7.5	13.0	82	15.0	24.0	53	28	30														
13	153	8.5	140	116	5.5	11.0	86	8.0	17.5	61	34	28														
14	155	9.5	155	120	7.5	13.5	76	6.0	10.5	51	26	28														
15	155	8.0	120	118	7.0	13.0	68	5.0	8.0	59	28	32														
16	153	8.0	135	120	7.0	13.0	72	12.5	26.0	67	34	38														
17	155	10.5	170	120	9.0	15.5	78	7.5	11.5	69	42	40														
18	151	11.5	180	118	10.0	18.0	96	7.0	14.0	85	52	42														
19	153	10.0	170	124	8.5	14.5	108	7.5	10.5	91	56	42														
20	153	8.5	140	128	7.0	12.0	108	7.5	14.0	89	56	40														
21	153	8.5	150	126	9.0	14.0	110	6.0	10.0	89	56	42														
22	151	8.5	145	128			108	5.5	9.5	89	58	42														
23	153			130	6.5	12.0	110	8.0	14.0	91	54	42														

F_{am} = median value of effective antenna noise in db above k1b
 D_g = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eitanin

Lat. 40-50S Long. 67.5-82.5 W Month March

19 64

Hour (LST)	Frequency (Mc)																									
	.013			.051			.160			.495			2.5			5			10			20				
	F _{am} [†]	D _u	V _{dm} [†] L _{dm}	F _{am} [†]	D _u	V _{dm} [†] L _{dm}	F _{am} [†]	D _u	V _{dm} [†] L _{dm}	F _{am} [†]	D _u	V _{dm} [†] L _{dm}	F _{am} [†]	D _u	V _{dm} [†] L _{dm}	F _{am} [†]	D _u	V _{dm} [†] L _{dm}	F _{am} [†]	D _u	V _{dm} [†] L _{dm}	F _{am} [†]	D _u	V _{dm} [†] L _{dm}		
00	143			121			81			56			55	85			38			6.0	8.0	29				
01	145			122			80			55			53	85			38			2.5	45	30			2.0	3.0
02	146			124			80			53			55	10.0			38			5.0	7.0	31			1.5	3.0
03	151			125			82			52			55	6.5			37			4.5	6.5	31			1.5	2.5
04	147			123			84			56			61	10.0			39			7.5	10.0	31			1.5	2.5
05	153			128			71			60			60	6.0			39					30			2.0	3.0
06	151			116			66			47			54	10.5			34					29			1.5	3.0
07	157			112			62			37			46	3.5			34			2.5	4.0	29			1.5	3.0
08	147			104			69			28			32				30					29				
09	145			100			64			28			26	6.0	10.0		28			1.5	3.0	29			2.0	3.0
10	149			104			57			28			26	5.0	8.5		26			3.0	5.0	29			2.0	3.5
11	149			106			59			34			30	2.0	3.5		26			2.5	4.5	29			1.5	2.5
12	149			110			63			31			30	2.5	4.0		26			5.5	7.0	29			1.5	2.5
13	151			114			65			27			30				28			3.0	5.0	31			2.5	4.0
14	151			114			63			33			22	1.5	3.0		28			9.0	13.5	29			1.5	3.0
15	151			110			65			31			30	3.0	5.5		36			4.0	5.5	31			2.0	4.0
16	149			108			76			31			36	2.5	4.0		36			9.5	15.5	44			2.5	4.5
17	145			102			78			41			42	4.5	9.5		46			4.5	9.5	46			2.5	4.0
18	141			102			79			55			50	5.0	9.5		42			5.0	9.5	42			2.0	3.5
19	143			110			89			47			50	5.0	11.0		38			5.0	11.0	38			2.0	3.5
20	149			114			85			55			52	6.5	10.0		38			6.0	10.0	38			2.5	3.0
21	151			116			81			55			52	4.0	8.0		38			4.0	8.0	38			1.5	2.5
22	151			118			81			57			58	6.5	10.5		38			4.0	7.0	38			1.5	2.5
23	149			124			81			57			54	4.0	6.5		38			3.5	5.5	29				

F_{am} = median value of effective antenna noise in db above k1b

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eitanin

Lat. 30-40S Long. 67.5-82.5W Month March 19 64

Hour (EST)	Frequency (Mc)																										
	.013			.051			.160			.495			2.5			5			10			20					
	F _{am} *	D _l	V _{dm} *	F _{am} *	D _l	V _{dm} *	F _{am} *	D _l	V _{dm} *	F _{am} *	D _l	V _{dm} *	F _{am} *	D _l	V _{dm} *	F _{am} *	D _l	V _{dm} *	F _{am} *	D _l	V _{dm} *	F _{am} *	D _l	V _{dm} *			
00	133			112			92			55			45	90	56	60	95		40	29			20	40	29	15	25
01	131			110			90			59			55			30	60		40	29			30	55	29	20	30
02	131			112			90			59			55	115	60	30	60		38	31			30	55	31		
03	129			110			88			59			55			40	75		38	29			40	65	29	20	25
04	131			110			88			57			55			45	80		36	29			40	60	29	20	25
05	131			108			72			55			70	140	52	50	90		40	29			40	70	29	20	25
06	143			111			72			47			65	120	51	55	85		40	29			60	90	29		
07	141			109			78			59			55	80	44	50	90		39	29			70	100	29		
08				110			70			55			55			36			34	29			60	85	29		
09	149			114			80			55			45			30			30	29					29	10	20
10	149			116			80			64			45	60	30	40	60		30	31					31	10	25
11	153			122			96			69			15	30	28	37			34	31					31	25	40
12	157			126			102			69			25	45	38	37			36	33					33	20	40
13	157			126			98			71			25	45	38	35	60		36	33					33	25	50
14	155			126			94			73			35			38			38	35					35	35	60
15	157			126			96			75			45			46			44	35					35	30	55
16	157			120			86			73			45			48			42	33					33	30	50
17	153			116			82			73			55			54			40	33					33	35	50
18	149			110			80			71			55	95	56	63			44	29					29	25	40
19	127			104			78			69			50	95	54	57			42	29					29	20	30
20	129			106			82			73			40	80	56	51			42	29					29		
21	129			110			90			77			40	80	58	59			40	27					27		
22	129			112			92			77			40	85	58	55			40	29					29	20	35
23	127			116			94			79			50	100	56	57			42	29					29	15	30

F_{am} = median value of effective antenna noise in db above ktb
 D_l = ratio of upper decile to median in db
 V_{dm}* = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin

Lat. 60-70 S Long. 52.5-67.5 W Month April

19 64

Time (ST)	Frequency (Mc)																								
	.013			.051			.160			.495			2.5			5			10			20			
	F _{om} [†]	D _l	V _{dm} [†]	F _{om} [†]	D _l	V _{dm} [†]	F _{om} [†]	D _l	V _{dm} [†]	F _{om} [†]	D _l	V _{dm} [†]	F _{om} [†]	D _l	V _{dm} [†]	F _{om} [†]	D _l	V _{dm} [†]	F _{om} [†]	D _l	V _{dm} [†]	F _{om} [†]	D _l	V _{dm} [†]	
00	148	135	210	116	105	165	91	77	53				46			34			30						
01	152	135	210	118			91	75	51	80	150	51	48			32			28						
02	150			118	95	140	87	73	51	90	165	51	50			32			28						
03	150	140	220	122	105	170	91	85	49				54			34			58						
04	152	120	190	118	95	145	91	75	63				58			32			30						
05	150	140	210	118	90	130	91	77	53	90	170	77	60			34			30						
06	152	150	220	118	95	150	93	65	55	80	130	65	64			40			30						
07	150			118			87			110	200	89	54			34			32						
08	148	145	210	114	130	200	66	45	41	115	190	45	61			37			30						
09	152	145	210	113	120	190	73	45	39	135	210	45	38			35			31						
10	145	110	170	108	120	170	74	47	38				38			35			33						
11	148	130	200	107	155	240	71	47	31				38			32			31						
12	150	100	160	105	170	240	73	45	35	30	60	35	35			32			31						
13	151	95	150	106	75		75	71	30				37			33			37						
14	152	95	155	111	98	155	78	47	35				68			36			32						
15	150	100	160	104	69		69	61	49				46			34			30						
16	150	100	155	104	69		69	53	49				44			36			30						
17	140			102	69		69	61	55	70	115	55	48			36			28						
18	136	115	180	104	77	150	77	65	51	70	95	65	44			34			30						
19	140			106	73		73	69	51	60	120	51	50			38			28						
20	144			112	85		85	79	55	65	125	55	52			36			30						
21	148	110	175	110	87		87	90	53	90	145	91	54			32			32						
22	148			112	89		89	65	55	65	115	79	56			34			30						
23	148			116	93	100	160	95	53	95	170	77	54			32			30						

F_{om} = median value of effective antenna noise in db above ktb

D_l = ratio of upper decile to median in db

V_{dm} = ratio of median to lower decile in db

F_{om} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eitanin

Lat. 60-70 S Long. 37.5-52.5 W

Month April

19 64

Hour (ST)	Frequency (Mc)																								
	.013			.051			.160			.495			2.5			5			10			20			
	F _m [*]	D _u	V _{dm} [*]	F _m [*]	D _u	V _{dm} [*]	F _m [*]	D _u	V _{dm} [*]	F _m [*]	D _u	V _{dm} [*]	F _m [*]	D _u	V _{dm} [*]	F _m [*]	D _u	V _{dm} [*]	F _m [*]	D _u	V _{dm} [*]	F _m [*]	D _u	V _{dm} [*]	
00	154	11.0	17.0	124	8.5	13.5	102	8.0	13.0	86	6.0	12.0	63	61		33			33			33			
01	152	11.0	18.0	123	8.0	13.0	95	5.0	9.0	86	6.0	12.0	63	55		34			32			32			
02	155	12.0	18.5	123	8.0	13.5	94	7.5	13.0	84	5.5	11.0	62	54		35			32			32			
03	154	12.5	19.0	126	9.0	14.0	98	9.0	14.0	83	6.5	11.5	61	52		35			32			32			
04	154	11.0	17.5	125	8.0	13.0	97	8.0	14.5	84	7.0	12.5	59	57		34			32			32			
05	153	11.0	17.0	122	7.0	10.0	96	10.5	18.0	84	8.0	14.5	61	64		36			33			33			
06	154	12.0	18.0	119	8.0	13.0	86	10.0	15.5	71	7.0	11.5	59	62		36			32			32			
07	157	14.0	20.5	115	8.0	14.0	75	12.0	18.5	53			51	56		42			32			32			
08	149	12.0	18.5	112	11.0	17.0	78	8.0	16.0				41	56		37									
09	156	13.0	19.0	112	9.5	13.0	75	6.0	9.5	47			33	45		35			33			33			
10	150	11.5	17.0	105	12.5	17.0	76	17.0	22.0	49	4.0	7.5	39	40		34			36			36			
11	152	10.0	15.0	105	10.5	15.5	75	6.0	9.0	51	4.5	7.0	43	38		34			34			34			
12	150	11.0	17.5	111	14.0	21.0	81	5.0	7.5	57	7.0	9.0	43	40		34			35			35			
13	151	10.0	17.0	111	14.0	20.0	83	6.0	8.5	52	10.0	13.5	39	38		37			34			34			
14	157	11.0	16.0	111	14.5	20.0	77			83	12.0	25.5	43	42		40			40			40			
15	153	11.0	16.0	112	13.0	18.5	78	11.0	16.0	53	8.0	10.0	50	48		38			33			33			
16	152	8.0	13.0	107	9.0	13.0	77	4.0	6.5	59	10.5	18.5	48	52		38			34			34			
17	152	8.0	13.0	117	8.5	13.5	83	4.5	7.0	69	13.0	19.0	55	50		36			34			34			
18	153	8.0	13.0	121	8.0	13.5	86	7.5	11.0	76			60	55		39			34			34			
19	155	10.0	15.0	120	8.5	13.5	93	7.0	10.0	83	6.0	11.5	65	56		39			35			35			
20	155	10.0	15.0	122	8.0	13.0	96	8.5	14.0	83	5.5	10.0	67	57		35			34			34			
21	154	9.5	15.0	122	9.5	15.0	99	10.0	16.0	86	4.0	8.5	65	60		35			34			34			
22	154	9.5	15.0	121	7.0	11.5	99	6.0	10.5	86	7.0	12.0	66	60		34			37			37			
23	154	10.5	16.0	122	8.5	13.0	101	7.0	11.0	86	6.5	11.0	62	58		36			35			35			

F_m = median value of effective antenna noise in db above ktb
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eitanin

Lat. 60-70 S Long. 22.5-37.5 W Month April

19 64

Hour (ST)	Frequency (Mc)																									
	.013			.051			.160			.495			2.5			5			10			20				
	F _m *	D _f	V _{dm} -L _{dm}	F _m *	D _f	V _{dm} -L _{dm}	F _m *	D _f	V _{dm} -L _{dm}	F _m *	D _f	V _{dm} -L _{dm}	F _m *	D _f	V _{dm} -L _{dm}	F _m *	D _f	V _{dm} -L _{dm}	F _m *	D _f	V _{dm} -L _{dm}	F _m *	D _f	V _{dm} -L _{dm}		
00	154			128			85			97			59			40	70	60	30	60	34	10	25	30	20	35
01	154			128			87			103			59			40	75	60	30	60	34	20	35	30	40	60
02	156			128			87			103			61			55	95	56	30	40	34	15	30	28	15	30
03	158			130			87			99			67			40	75	54	30	35	34	10	30	28	10	25
04	160			130			85			103			65			40	75	56	30	40	34	15	30	28	20	30
05	160			128			89			103			63			35	65	56	30	35	34	15	30	28	15	30
06	160			128			83			97			65			60	115	60	30	40	32	15	30	28	15	30
07	156			124			57			77			59			65	120	54	30	40	38	30	50	28	10	25
08	148			122			78			78			51			40	90	42	30	70	36	40	55			
09				104			58			75								38	70	120	37	30	75	30	20	35
10	152			114			57			72			39			40	80	36	30		34	35	55	30	20	40
11	152			107			54			75			39			75	135	36	30	90	32	25	40	28	20	35
12	150			119			61			84			37			85	130	34	30	70	30	30	50	28	15	30
13	152			110			57			75			35			105	145	34	30	80	30	20	35	28	25	45
14	157			119			55			75			31			100	135	35	30	95	33	20	45	29	15	30
15	150			110			84			73			35			50	100	36	30	60	36	20	40	32	15	25
16	150			109			57			77			47			90	170	46	30	20	40	40	65	29	90	130
17	150			112			57			84			48			20	45	51	30	25	38	35	60	26	10	25
18	150			118			54			81			52			30	50	53	30	30	38	20	40	30	30	45
19	152			120			70			83			58			30	60	56	30	35	39	20	35	29	15	35
20	155			120			69			89			61			40	95	60	30	25	39	30	50	31	25	40
21	155			120			74			85			61			45	85	59	30	30	38	20	45	32	10	30
22	154			122			74			88			57			50	145	60	30	30	38	25	40	31	20	35
23	153			119			78			92			57			45	85	62	30	30	35	20	30	31	20	40

F_m = median value of effective antenna noise in db above ktb

D_f = ratio of upper decile to median in db

V_{dm} = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eitanin

Lat. 50-60S Long. 67.5-82.5 W Month April

19 64

FS	Frequency (Mc)																									
	0.13			0.51			1.60			4.95			2.5			5			10			20				
	F _{am} *	D _u	V _{dm} -L _{dm}	F _{am} *	D _u	V _{dm} -L _{dm}	F _{am} *	D _u	V _{dm} -L _{dm}	F _{am} *	D _u	V _{dm} -L _{dm}	F _{am} *	D _u	V _{dm} -L _{dm}	F _{am} *	D _u	V _{dm} -L _{dm}	F _{am} *	D _u	V _{dm} -L _{dm}	F _{am} *	D _u	V _{dm} -L _{dm}		
00	150			122			102			85			64			40	70	50	50	80	35	1.0	30	30	1.5	3.0
01	150			120			104			87			63			40	85	50	50	80	34	1.0	30	30	1.0	3.0
02	148			122			105			87			60			45	90	53	53	70	36	1.5	2.5	30	0.5	2.0
03	151			123			101			84			63			50	100	58	58	135	38			31	1.0	2.0
04	150			122			97			83			65					58	58	6.5	36			28	2.0	3.0
05	146			120			93			73			59					60	60	7.5	40			28	1.5	3.0
06	148			120			89			63			57			40	75	60	60	7.5	36			30	2.0	3.0
07	150			116			87						57			45	90	64	64	9.0	34			34	2.5	4.0
08	146			110			79			53			41					42	42	8.0	36			30	3.0	4.5
09	146			110			73			51			37					40	40	9.0	34			30	3.0	4.0
10	150			106			71			53			41			50	110	38	38	10.0	34			30	2.5	4.5
11	152			110			85			47			29			70	110	32	34	11.0	32			32	2.0	4.0
12	150			106			75			85			33			45	75	34	34	10.0	30			34	3.0	4.5
13	150			100			69			45			41					36	36	3.5	30			30	2.0	3.5
14	152			104			71			47			31			55	110	38	38	5.5	34			30	2.0	4.5
15	152			104			73			61			35			40	6.5	36	42	6.5	36			30	2.5	5.0
16	150			112			83			73			47					50	50	5.0	30			36	3.0	5.0
17	150			116			87			77			59			40	70	52	52	5.5	36			36	3.0	4.5
18	152			120			95			81			63			45	80	54	54	8.0	44			30	1.5	2.5
19	154			118			99			85			67			45	75	58	58	7.5	44			30	1.5	2.5
20	151			121			99			86			64			40	75	59	59	3.5	39			30	2.0	4.0
21	151			122			107			86			62			35	70	58	58	7.0	37			30	2.0	4.0
22	151			122			105			91			64			40	6.5	58	58	5.0	36			30	1.5	3.0
23	150			124			103			87			64			30	6.5	57	57	5.5	34			30	2.5	3.5

F_{am} = median value of effective antenna noise in db above k1b
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eitanin

Lat. 50-60S Long. 52-5-67.5 W

Month April 19 64

Hour (LST)	Frequency (Mc)																							
	.013			.051			.160			.495			2.5			5			10			20		
	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]
00	152	120	120	120	115	81	60	105	57	34	30		54	54	54	36	30		34	30		30	30	
01	152	130	205	122	70	110	95	70	115	59	34	30	52	52	52	36	30		34	30		30	30	
02	150	125	190	120	105	150	97	95	125	57	34	30	54	54	54	36	30		34	30		30	30	
03	152	100	160	124	80	130	99	90	150	55	36	30	58	58	58	36	30		36	30		30	30	
04	154	125	200	124	90	140	93	80	140	55	36	30	62	62	62	36	30		36	30		30	30	
05	138	105	170	110	90	140	79	80	130	51	34	30	60	60	60	34	30		34	30		30	30	
06	140	110	175	112	110	160	75	90	150	51	34	30	58	58	58	34	30		34	30		30	30	
07	138	145	210	108			75	100	180	47	38	30	56	56	56	34	30		34	30		30	30	
08	150	130	200	114	110	180	79	85	140	43	38	30	62	62	62	36	30		36	30		30	30	
09	150	130	190	115	135	210	74	80	120	36	30	30	38	38	38	36	30		36	30		30	30	
10	148	120	175	108	120	175	71	75	120	29	34	30	34	34	34	34	30		34	30		30	30	
11	150	115	170	106	95	150	77	90	140	49	38	30	38	38	38	38	30		38	30		30	30	
12	150	120	200	108	105	150	79	70	115	27	38	30	38	38	38	38	30		38	30		30	30	
13	152	95	150	108	100	170	78	60	105	27	38	30	36	36	36	36	30		36	30		30	30	
14	150	115	185	104	130	170	74	50	95	45	38	30	38	38	38	38	30		38	30		30	30	
15	150	100	160	101	110	165	73	90	120	46	38	30	43	43	43	43	30		43	30		30	30	
16	150	110	180	109	100	145	75	80	110	62	38	30	48	48	48	48	30		48	30		30	30	
17	148	75	125	113	100	160	83	75	130	53	38	30	51	51	51	51	30		51	30		30	30	
18	150	100	155	115	100	170	88	45	75	60	38	30	53	53	53	53	30		53	30		30	30	
19	151	70.5	160	118	100	170	91	80	125	81	38	30	57	57	57	57	30		57	30		30	30	
20	150	95	150	116	90	150	91	60	90	81	38	30	58	58	58	58	30		58	30		30	30	
21	148	100	160	116	90	145	93	65	100	83	38	30	58	58	58	58	30		58	30		30	30	
22	148	115	175	116	90	135	97	65	105	83	38	30	58	58	58	58	30		58	30		30	30	
23	150	115	180	118	75	115	99			83	38	30	60	60	60	60	30		60	30		30	30	

F_{am} = median value of effective antenna noise in db above k1b

D_z = ratio of upper decile to median in db

V_{dm} = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

Hour (ST)	Frequency (Mc)																									
	.013			.051			.160			.495			2.5			5			10			20				
	F _m *	D _u	V _{dm}	F _m *	D _u	V _{dm}	F _m *	D _u	V _{dm}	F _m *	D _u	V _{dm}	F _m *	D _u	V _{dm}	F _m *	D _u	V _{dm}	F _m *	D _u	V _{dm}	F _m *	D _u	V _{dm}		
00	154			122			97						61			60			35	80	34	1.0	2.5	28	30	4.0
01	156			124			93						61			62			20	45	34	2.0	35	28	20	3.0
02	156			126			95						65			56			20	35	32	1.5	30	28	10	2.0
03	156			126			95						63			56			80	140	32	1.0	25	28	15	2.5
04	158			128			95						61			50			60	90	32	20	30	28	15	30
05	158			126			95						55			58			30	60	38	25	50	30	20	35
06	158			128			94						61			58			120	190	38	25	40	30	20	35
07	154			120			75						59			56			40	75	38	40	75	38	15	30
08	146			116			71						43			52			55	90	36	30	60	32		
09	148			118			76						45			43					35	30	50	29	10	30
10	150			104			69						39			36			55	105	32	20	40	30	15	30
11	148			102			75						39			34			70	120	30	50	85	30	20	40
12	150			104			99						39			34			80	135	28	30	50	30	25	45
13	150			104			77						29			34			75	115	30	40	60	28	25	45
14	145			109			77						39			31			90	140	31	20	40	29	15	30
15	146			105			81						32			34			50	70	37	30	60	39		
16	148			104			82						43			42			35	55	40	30	50	28	15	25
17	150			109			82						49			48			30	55	41	25	55	28	15	30
18	154			118			85						53			51			45	90	40	40	60	29	20	40
19	154			122			88						60			54			30	70	41	40	60	28	10	25
20	157			123			91						63			57			40	70	41	25	50	28	20	30
21	158			123			96						65			61			30	60	39	30	55	29	10	25
22	158			124			101						65			62			35	70	36	30	45	29	20	40
23	157			124			99						65			63			35	65	34	30	40	28	20	35

F_m = median value of effective antenna noise in db above k1b
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin

Lat. 40-50 S Long. 67.5-82.5 W Month April

19 64

Hour (LST)	Frequency (Mc)																								
	.013			.051			.160			.495			2.5			5			10			20			
	F _{am} *	D _l	V _{dm}	F _{am} *	D _l	V _{dm}	F _{am} *	D _l	V _{dm}	F _{am} *	D _l	V _{dm}	F _{am} *	D _l	V _{dm}	F _{am} *	D _l	V _{dm}	F _{am} *	D _l	V _{dm}	F _{am} *	D _l	V _{dm}	
00	154		128	111		88	68		40	80	53		38												
01	156		129	111		89	67		60	120	54		36		2.5	50									
02	156		130	111		88	65				58		53												
03	157		130	112		85	65		20	45	59		37												
04	156		130	107		81	59		30	50	60		38												
05	156		128	101		77	61		25	50	62		40												
06	156		126	97		67	59		35	60	66		38												
07	154		120	93			49		40	70	60		49												
08	150		122	85		47	43		45	80	42		43												
09	154		114	63		45	41		45	85	42		41												
10	154		112	89		51	37		25	55	48		37												
11	152		106	83		51	37				38		37												
12	153		108	69		53	37		120	200	35		37												
13	154		114	75		45	37				32		32												
14	154		112	85		49	39				40		40												
15	154		112	83		61	45				42		42												
16	152		116	91		77	51				49		49												
17	154		114	91		85	61				54		54												
18	154		112	103		87	65		25	65	54		65												
19	154		116	105		89	63		40	75	58		63												
20	152		124	106		86	64		30	60	60		64												
21	152		125	107		88	65				60		65												
22	152		126	110		86	64				61		64												
23	153		128	109		87	66		25	45	53		66												

F_{am} = median value of effective antenna noise in db above k1b
 D_l = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin

Lat. 30-40 S Long. 67.5-82.5 W

Month April 19 64

Time (hr)	Frequency (Mc)																									
	.013			.051			.160			.495			2.5			5			10			20				
	F _{am} [#]	D _g	V _{dm} [#]	F _{am} [#]	D _g	V _{dm} [#]	F _{am} [#]	D _g	V _{dm} [#]	F _{am} [#]	D _g	V _{dm} [#]	F _{am} [#]	D _g	V _{dm} [#]	F _{am} [#]	D _g	V _{dm} [#]	F _{am} [#]	D _g	V _{dm} [#]	F _{am} [#]	D _g	V _{dm} [#]		
00	154		130				93						67							40						
01	154		132				93						67							40						
02	156		132				89						67							40						
03	158		132				89						65							38						
04	154		132				85						65							40						
05	160		132				79						63							40						
06	158		126				69						59							40						
07	155		116				105						43							38						
08							70																			
09	153		109				49						42							30						
10	155		111				47						37							30						
11	155		111				45						37							34						
12	156		108				55						38							33						
13	156		119				81						53							32						
14	160		120				75						44							38						
15	158		115				62						51							44						
16	157		110				72						48							41						
17	156		117				84						58							49						
18	155		123				88						63							51						
19	155		126				89						65							49						
20	154		126				91						65							49						
21	154		130				91						69							40						
22	154		128				97						69							40						
23	154		130				99						69							40						

F_{am} = median value of effective antenna noise in db above ktb
 D_g = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin

Lat. 60-70 S

Long. 82.5-97.5 W

Month May

19 64

Hour (ST)	Frequency (Mc)																								
	.013			.051			.160			.495			2.5			5			10			20			
	F _{om} ⁺	D _u	V _{dm} ⁺ L _{dm}	F _{om} ⁺	D _u	V _{dm} ⁺ L _{dm}	F _{om} ⁺	D _u	V _{dm} ⁺ L _{dm}	F _{om} ⁺	D _u	V _{dm} ⁺ L _{dm}	F _{om} ⁺	D _u	V _{dm} ⁺ L _{dm}	F _{om} ⁺	D _u	V _{dm} ⁺ L _{dm}	F _{om} ⁺	D _u	V _{dm} ⁺ L _{dm}	F _{om} ⁺	D _u	V _{dm} ⁺ L _{dm}	
00	150			118			84			40	7.5	52	56			40	7.0	36	1.0	3.0	29			1.0	2.5
01	152			120			80			30	6.5	54	58			4.5	7.5	36	1.5	3.0	29			1.0	2.5
02	152			118			80			50	7.5	52	56			4.0	8.0	36	1.5	3.0	29			1.0	2.0
03	152			122			76			40	7.5	54	56			4.0	7.5	36	3.0	4.5	29			1.0	2.0
04	154			120			74					54	54			4.0	7.0	34	1.0	2.5	29			1.0	2.5
05	154			120			70			6.0	11.0	52	56			5.0	8.0	34	1.5	2.5	29			1.0	2.5
06	154			120			62			8.0	14.0	52	54			7.0	11.5	34	1.5	3.0	29			1.0	2.5
07	152			116			64			6.0	11.0	48	52			5.5	8.5	34	1.0	2.5	29			1.5	2.5
08	152			120			85			10.0	17.0	54	54					38							
09	152			111			68					40	37			5.0	8.5	36	2.0	4.5	27			2.0	3.0
10	150			107			65			5.0	7.5	36	44			4.5	6.5	34	1.5	3.0	27			1.5	3.0
11	151			107			44			13.0	18.0	34	33			6.0	7.0	33	1.5	3.0	27			1.5	2.5
12	150			104			44			4.5	6.0	32	24			4.0	5.5	35	2.0	3.5	27			1.5	2.5
13	150			102			44			7.0	9.0	35	29			5.5	7.0	36	2.0	3.0	27			1.5	2.5
14	150			105			53			9.5	11.5	42	48					38			31				
15	150			109			54			46		46	46			3.0	5.0	37	2.5	4.5	29			1.0	2.5
16	150			107			61			5.0	7.5	46	44			2.5	4.5	38	3.0	4.5	29			1.0	3.0
17	148			107			66			6.0	9.5	53	48			3.0	6.0	36	2.0	3.5	29			1.5	2.5
18	150			111			71					55	50			3.0	5.5	38	2.0	4.5	29			1.0	2.0
19	152			112			74			1.5	3.5	38	56			1.5	3.5	38	2.0	3.5	29			1.0	2.0
20	150			114			76			4.0	6.5	60	56			2.0	5.0	36	1.5	3.0	29			1.0	2.0
21	150			117			79			4.0	7.5	57	57			2.0	4.0	37	1.5	3.0	29			1.5	2.5
22	150			118			80			3.5	6.5	53	57			3.5	6.0	36	2.0	3.0	29			1.0	2.5
23	150			120			79			8.0	12.5	53	60			4.5	7.5	37	2.0	4.0	29			1.0	2.0

F_{om} = median value of effective antenna noise in db above ktb
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

FST	Frequency (Mc)																								
	.013			.051			.160			.495			2.5			5			10			20			
	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	F _{am} [*]	D _z	V _{dm} [*]	
00	150	11.0	18.0	120	6.0	8.5	95	6.5	11.0	80	6.0	11.5	56	5.2		38			29						
01	150	11.0	18.0	122	7.0	11.0	95	6.0	11.5	79	8.0	15.5	56	5.4		36			29						
02	150	11.5	18.0	120	7.0	11.0	95	8.0	14.0	78	10.0	17.5	54	5.2		36			29						
03	152	11.5	18.0	122	7.5	11.5	91	7.0	11.0	78	5.0	9.0	54	5.2		36			29						
04	152	11.5	18.5	120	8.0	12.0	89	8.5	15.5	74	9.0	15.5	56	5.2		38			29						
05	152	11.0	18.0	120	6.5	10.5	87	9.0	15.5	66	9.0	15.5	52	4.9		36			29						
06	152			116	12.0	16.0	79	12.0	22.0	60	5.5	9.0	50	4.8		36			29						
07	148	13.5	20.0	112	14.5	23.0	77	13.5	19.0	54	8.0	14.0	46	4.4		36			28						
08	148	13.0	19.5	112	12.5	20.0	75	18.0	24.0	46			42	4.2		36			27						
09	150			112	14.5	22.0	75	6.5	9.0	68	15.5	25.0	34	3.4		34			27						
10	150	12.5	19.0	106	11.0	18.0	77	15.5	22.0	71			28	2.8		32			27						
11	148	11.0	18.0	108	10.5	16.0	79	13.5	18.0	65	3.0	5.0	30	2.4		32			27						
12	149	11.5	18.0	109	11.5	19.0	76			55			24	2.5		34			27						
13	150	10.5	17.0	109	11.0	17.5	77	15.0	22.0	56	3.2		32	2.6		34			27						
14	150	11.0	18.0	107	11.0	17.5	76	13.0	22.5	62	5.5	8.0	34	3.2		40			30						
15	150	10.0	16.5	106	11.5	20.0	77	9.0	17.0	63	9.0	18.5	42	4.4		45			30						
16	149	10.0	15.0	111	10.0	18.0	84	9.0	16.5	68	10.5	16.5	48	4.7		47			29						
17	150	9.5	15.5	118	10.5	17.0	79	7.0	12.0	70	5.5	10.0	50	5.4		43			29						
18	150	10.0	16.0	110	9.0	15.0	89	7.5	14.0	78	6.0	11.0	53	5.8		42			29						
19	152	10.0	16.0	118	8.5	14.0	85	6.5	13.0	80	5.5	11.0	54	5.8		41			30						
20	152	9.0	14.5	116	7.0	11.0	89	6.0	11.0	82	7.0	12.0	54	5.7		37			29						
21	150	11.0	17.5	117	6.0	10.5	92	6.0	11.0	81	5.5	10.5	56	5.3		39			29						
22	150	11.0	17.0	117	7.0	10.5	94	6.0	10.5	82	6.0	11.5	55	5.3		37			29						
23	150	10.5	17.0	120	6.0	10.0	97	6.0	11.0	82	5.0	9.5	54	5.4		38			29						

F_{am} = median value of effective antenna noise in db above ktb
 D_z = ratio of upper decile to median in db
 D_z = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eitanin

Lat. 40-50 S Long. 67.5-82.5 W

Month May

19 64

Hour (LT)	Frequency (Mc)																												
	.013			.051			.160			.495			2.5			5			10			20							
	Fam*	Du	Vdm	Ldm	Fam*	Du	Vdm	Ldm	Fam*	Du	Vdm	Ldm	Fam*	Du	Vdm	Ldm	Fam*	Du	Vdm	Ldm	Fam*	Du	Vdm	Ldm	Fam*	Du	Vdm	Ldm	
00	151	127			109	93			61	55	3.0	6.0	41	1.5	4.0	2.9					41	1.5	4.0	2.9					
01	150	127			106	88			59	54		6.5	11.0	42	1.5	3.5	2.9					42	1.5	3.5	2.9			1.5	2.0
02	148	123			102	85			52	53				38	1.5	3.5	2.9					38	1.5	3.5	2.9			1.0	2.0
03	149	122			101	81			54	54				38	2.0	4.0	2.8					38	2.0	4.0	2.8			1.0	2.5
04	149	123			101	83			50	53		4.5	8.5	36	2.0	4.0	2.9					36	2.0	4.0	2.9			1.0	2.5
05	150	126			102	82			52	57				37								37						1.0	2.5
06	151	118			96	70			48	55		8.0	13.5	33	0.5	2.0	2.9					33	0.5	2.0	2.9			1.0	2.5
07	150	117			83	64			49	52		3.0	6.0	39								39						1.5	3.0
08	148	116			88				41	49				38								38							
09	150	114			84				34	42				37								37						2.0	3.0
10	151	114			86				37	40				37								37						1.5	3.0
11	151	112			89				41	45				48								48							
12	151	115			86				40	38				35								35						1.0	2.0
13	151	119			95				36	43				38								38							
14	149	116			91				36	33		7.5	12.0	38								38						1.0	2.0
15	149	112			85				39	39				39								39						1.5	3.0
16	150	108			95				44	46				50								50							
17	148	118			101				54	46				48								48							
18	150	120			101				62	52				48								48						1.0	2.5
19	150	120			101				90	58		5.5	8.5	54								54							
20	150	120			99				54	58				48								48							
21	150	126			99				54	62				44								44							
22	148	122			103				54	58		6.0	10.0	36								36							
23	148	122			107				56	54				36								36						0.5	2.0

Fam = median value of effective antenna noise in db above ktb

Du = ratio of upper decile to median in db

Dl = ratio of median to lower decile in db

Vdm = median deviation of average voltage in db below mean power

Ldm = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eitanin

Lat. 30-40S Long. 67.5-82.5W

Month May 19 64

LST	Frequency (Mc)																											
	.013			.051			.160			.495			2.5			5			10			20						
	F [*]	D _g	V _{dm}	F [*]	D _g	V _{dm}	F [*]	D _g	V _{dm}	F [*]	D _g	V _{dm}	F [*]	D _g	V _{dm}	F [*]	D _g	V _{dm}	F [*]	D _g	V _{dm}	F [*]	D _g	V _{dm}				
00	143			123			80			56			55	10.0	53				36			0.5	2.0			0.5	2.0	
01	146			123			80			58			4.5	8.5	35				35			1.5	3.0	29				
02	144			121			78			57			4.0	8.5	56				39			2.0	4.0	29				
03	140			117			76			54			4.0	8.0	61				37			3.0	5.0	28			1.0	2.0
04	137			116			72			52			3.5	7.0	55				35			5.0	8.5	28			1.0	2.0
05	136			114			68			53			4.0	8.0	34				34			4.0	8.0	28			1.0	2.5
06	136			111			54			50			5.5	10.0	52				34			2.5	4.0	28			1.0	2.0
07	147			104			56			49					45									29			1.5	3.0
08	148			110			57			35					41				33			2.5	4.0	27				
09	152			108			58			42			2.5	4.5	34				32			4.5	7.5	27				
10	152			102			56			34			2.5	4.5	36				30			4.5	7.0	27				
11	152			104			56			34			2.0	3.5	32				28			1.5	3.0	29			2.0	3.5
12	152			106			62			34			1.0	2.0	28				28					29			1.0	2.5
13	152			110			56			50			2.5	5.0	32				42			3.0	6.0	27			2.0	3.0
14	152			106			68			30			2.5	5.0	32				32			2.5	4.5	29			1.5	3.0
15	152			98			66			38					40				40			2.5	4.5	31			2.5	4.0
16	153			104			72			51			2.0	3.5	54				46					32			1.5	3.0
17	150			112			78			60			3.0	6.5	53				49			3.0	5.5	30			1.5	3.0
18	152			117			81			62					63				46			3.0	5.0	28			2.0	3.0
19	153			116			83			65					72				49			2.0	4.0	28				
20	151			122			82			67			2.0	5.0	73				48			2.0	5.0	29			1.0	2.5
21	148			124			86			62			2.5	5.5	75				44			3.0	6.0	29			0.5	2.0
22	149			125			86			60			4.5	8.5	62				39			3.0	5.0	30				
23	147			122			82			58			5.5	10.0	57				35			6.0	10.0	30			1.0	3.0

F^{*}m = median value of effective antenna noise in db above ktb
 D_g = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Enköping, Sweden Lat. 59.5 N Long. 17.3 E Month March 19 64

Hour (S ⁺)	0.013				0.051				0.160				.495				2.5				5				10				20										
	Fom	Df	Vdm	Ldm	Fom	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm	Fom	Du	Vdm	Ldm							
00	149	2	9.5	15.0	11.5	2	4	8.0	12.5	9.6	6	6	5.0	10.0	7.5	17	4	4.0	7.0	5.7	4	6	5.0	8.0	5.2	3	4	3.0	5.0	3.4	4	4	2.0	4.0	1.9	0	2	1.5	2.5
01	149	2	11.0	17.0	11.5	4	4	8.0	13.0	10.0	3	7	1.5	1.5	7.5	13	5	3.0	5.0	5.7	7	4	6.0	10.0	5.1	3	3	4.0	6.5	3.2	6	2	2.0	3.5	1.9	0	2	1.5	2.5
02	149	4	10.5	16.5	11.5	3	4	10.0	14.0	9.8	7	8	7.0	12.0	7.3	16	4	3.5	6.0	5.5	9	3	8.0	12.5	5.0	4	2	4.0	6.0	3.2	2	2	2.0	4.0	1.9	0	2	1.5	3.0
03	149	4	11.0	17.0	11.3	5	4	9.0	14.0	10.0	8	6	5.0	9.5	7.3	14	8	4.0	5.5	5.3	11	3	8.0	10.5	4.8	4	2	4.5	7.0	3.0	5	0	2.5	4.0	1.9	2	2	1.5	3.0
04	149	2	11.0	17.0	11.3	4	4	8.0	12.5	9.9	7	9	8.5	14.0	6.7	13	8	3.5	5.0	5.3	4	4	4.0	7.5	4.8	4	4	3.0	6.0	3.1	1	1	1.0	3.0	1.9	0	2	1.0	2.5
05	149	2	12.5	18.0	11.1	5	6	10.0	15.0	9.9	9	13	4.0	7.5	6.1	2	6	4.5	6.0	5.5	9	5	5.0	8.0	4.6	2	4	4.0	6.0	3.2	4	2	1.0	3.0	1.9	0	2	1.0	2.0
06	147	4	12.0	19.0	10.5	4	4	10.0	14.0	8.4	6	6	4.0	7.0	5.7	4	2	3.0	5.0	5.0	15	7	4.0	6.5	4.4	3	2	4.0	6.5	3.4	8	3	3.0	4.0	1.9	2	2	1.0	2.5
07	143	4	12.0	18.0	10.1	6	4	9.0	12.0	8.4	10	7	4.5	8.0	5.5	6	4	2.0	4.0	4.5	7	18	4.5	9.0	4.0	4	6	6.5	9.0	3.8	10	6	3.5	5.5	1.9	2	2	1.5	3.0
08	141	4	11.0	16.5	9.5	8	2	9.0	12.0	8.4	8	4	3.0	6.0	5.3	3	2	3.0	4.5	4.5	14	11	4.0	8.5	3.6	4	6	3.0	5.0	3.6	2	4	3.0	5.0	1.9	2	2	2.0	3.5
09	141	3	12.5	19.0	9.5	12	7	7.5	13.0	8.4	10	6	3.0	7.0	5.3	4	3	2.5	4.5	4.5	14	10	6.0	11.0	3.1	7	5	2.5	5.0	3.6	5	4	4.0	6.0	1.9	5	2	2.0	3.0
10	141	2	12.0	18.0	9.4	7	6	7.0	15.0	8.4	11	10	3.5	7.0	5.2	5	2	3.0	4.0	4.6	14	11	4.0	7.5	3.0	6	5	2.5	5.0	3.4	4	4	2.0	4.5	1.9	2	2	2.0	3.5
11	141	4	12.0	17.0	9.7	6	8	12.0	16.5	8.2	9	7	4.0	8.0	5.1	5	1	3.0	5.0	5.1	8	18	4.0	6.5	3.0	4	8	3.0	4.5	3.4	5	2	1.0	2.5	2.1	2	2	3.0	4.5
12	143	4	10.5	16.0	9.7	9	9	7.0	14.0	8.2	6	4	2.0	4.5	5.3	4	2	3.0	4.5	5.0	7	18	4.0	6.5	2.8	4	4	5.0	6.5	3.3	19	3	2.5	4.5	2.1	2	2	2.0	4.0
13	143	6	9.0	14.0	9.7	8	6	10.0	12.5	8.0	10	4	3.5	7.0	5.3	5	2	2.5	4.5	5.1	7	12	4.5	9.0	3.0	10	6	3.0	5.0	3.6	16	4	1.5	3.0	2.1	2	2	2.0	3.0
14	145	4	7.5	12.0	9.6	9	5	8.5	11.5	8.2	12	6	5.0	8.0	5.3	6	4	2.0	4.0	5.7	12	18	4.0	9.0	3.0	7	5	3.0	5.0	4.4			4.0	7.0	2.1	2	2	2.0	3.0
15	145	4	7.5	12.0	9.7	6	8	7.5	11.0	8.3	8	4	1.5	4.0	5.5	6	2	2.5	4.5	5.1	14	14	5.5	9.0	3.3	6	3	3.0	5.0	4.2			7.5	10.0	1.9	4	2	1.5	3.0
16	145	2	7.0	10.5	10.1	8	8	9.0	13.0	8.4	4	6	7.0	10.0	5.9	10	4	2.5	4.0	4.5	12	12	2.5	5.0	3.9	6	4	4.0	6.0	4.6			6.0	10.0	1.9	2	0	1.0	2.5
17	145	2	7.0	11.5	10.5	6	10	8.5	13.0	8.4	6	4	3.5	6.0	6.7	10	6	2.0	4.0	4.9	13	11	8.0	13.0	4.6	6	6	3.0	6.0	4.2			4.5	7.5	1.9	4	2	2.0	3.0
18	145	2	7.0	11.0	10.9	6	4	7.5	12.0	9.0	4	5	4.0	6.0	6.9	14	4	2.5	4.5	5.1	15	5	8.0	14.0	5.0	4	3	5.0	7.5	4.0	10	2	3.5	5.0	1.9	0	2	1.5	3.0
19	147	2	6.5	11.0	11.1	6	3	6.0	10.0	9.4	8	6	5.5	10.0	7.3	20	7	2.5	4.0	6.1	13	12	3.0	7.5	5.1	5	3	4.0	6.5	4.1	4	4	4.0	6.0	1.9	0	3	1.5	3.0
20	147	4	7.5	12.0	11.3	6	4	7.0	11.0	9.6	7	6	5.5	8.5	7.5	12	6	3.5	5.0	5.7	12	6	6.0	10.0	5.2	4	3	3.0	5.0	3.8	6	4	4.0	6.0	1.9	0	2	1.5	3.0
21	149	2	7.5	12.0	11.3	4	4	7.0	11.0	9.6	10	4	3.5	7.0	7.5	18	4	3.5	5.0	5.6	9	5	6.5	6.0	5.2	4	3	3.5	6.0	3.6	6	4	4.0	6.0	1.9	0	2	1.5	3.0
22	149	2	8.0	13.0	11.5	3	7	8.0	13.0	10.0	8	6	5.0	8.0	7.5	12	6	4.5	7.0	5.5	9	2	4.5	9.5	5.2	2	2	3.0	5.0	3.6	7	5	3.0	4.5	1.9	0	4	1.5	3.0
23	149	2	8.5	13.5	11.4	3	5	8.0	13.0	9.6	6	4	5.0	8.0	7.3	16	4	2.5	4.0	5.7	8	4	5.0	7.5	5.2	2	4	4.0	6.0	3.4	9	4	3.0	4.5	1.9	0	2	1.5	2.5

Fom = median value of effective antenna noise in db above ktb
 Du = ratio of upper decile to median in db
 Df = ratio of median to lower decile in db
 Vdm = median deviation of average voltage in db below mean power
 Ldm = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Enköping, Sweden Lat. 59.5N Long. 17.3E Month April 19 64

F _{0.1} (SF)	Frequency (Mc)																																							
	.013				.160				.495				2.5				5				10				20															
	F _{om}	D _z	V _{dm}	L _{dm}	F _{om}	D _z	V _{dm}	L _{dm}	F _{om}	D _z	V _{dm}	L _{dm}	F _{om}	D _z	V _{dm}	L _{dm}	F _{om}	D _z	V _{dm}	L _{dm}	F _{om}	D _z	V _{dm}	L _{dm}	F _{om}	D _z	V _{dm}	L _{dm}	F _{om}	D _z	V _{dm}	L _{dm}								
00	149	2	2	9.0	13.0	92	8	2	8.0	12.0	71	6	4	4.5	7.5	57	7	5	3.0	6.0	52	3	5	4.0	6.0	34	4	4	2.5	4.0	18	2	1	2.0	3.0					
01	149	2	2	9.5	14.5	98	6	5	5.0	9.0	71	4	4	4.0	6.0	55	6	2	6.0	9.0	52	5	6	3.5	6.0	32	4	2	2.5	4.0	18	2	1	2.0	3.0					
02	149	2	2	10.0	16.0	113	8	4	7.5	13.0	69	4	6	5.0	7.5	53	4	2	5.0	8.0	50	7	4	4.5	7.0	32	2	2	1.5	3.5	18	2	2	1.5	3.0					
03	149	4	3	11.5	16.5	113	7	4	9.0	14.5	100	4	6	5.0	7.5	53	4	4	7.5	10.5	48	6	4	4.0	6.5	30	4	2	2.0	3.5	18	2	0	2.0	3.0					
04	149	3	4	11.0	17.0	107	4	4	7.5	11.5	81			4.0	8.0	53	5	5	8.0	11.0	48	6	4	5.0	7.0	32	7	2	1.5	3.5	18	2	1	1.0	2.5					
05	147	2	4	11.0	17.0	102	6	3	7.5	11.5	78	6	4	5.0	8.0	55	5	8	5.0	7.5	46	4	6	4.0	7.0	32	6	2	2.0	4.0	18	2	2	1.0	2.5					
06	143	2	2	11.0	17.0	97	6	2	7.5	11.0	82	2	6	5.0	8.0	55		4	4.0	6.0	42	6	6	4.0	6.0	36	6	6	4.0	6.0	18	0	2	1.0	2.0					
07	141	4	0	11.0	16.0	93	12	4	7.0	9.5	83	5	7	6.0	8.0	37	18	7				34	10	6	3.0	5.0	40			7.0	9.5	18	2	1	0.5	2.0				
08	143	2	4	10.0	16.0	93	6	4	8.5	12.0	82	3	7	4.0	7.0	51	4	2	5.0	7.5	32	4	4	3.5	5.0	38	4	4	6.0	8.0	18	5	2	0.5	2.0					
09	143	2	4	12.0	16.5	73	6	4	18.0	23.0	78	8	4	5.5	9.0	51	3	2	2.5	4.0	33	16	4	4.0	5.5	38			5.0	8.0	18	3	1	1.5	3.0					
10	143	4	4	12.0	16.5	98	8	5	17.0	22.5	80	4	5	2.5	4.0	37			5.0	9.0	29	5	4	6.5	8.5	36	4	2	7.0	8.0	18	2	0	2.0	3.0					
11	143	5	1	11.0	16.0	99			15.0	19.0	82			7.0	10.0	51	2	2	0.5	2.0	43			4.0	5.5	30	3	6	4.0	6.0	19	3	2	2.5	4.0					
12	147	2	4	11.0	17.0	103			11.5	14.5	82	12	4	2.0	3.0	40	35	20	4.0	6.5	26	12	4	3.5	5.0	34	6	4	3.0	5.0	19	3	2	2.0	4.0					
13	147	6	2	11.5	17.5	105	14	6	17.5	22.0	80	11	4	7.5	11.0	53	10	2	4.0	4.5	41			3.5	4.5	29	12	5	9.0	13.5	18	4	0	2.0	3.5					
14	148	4	3	11.5	16.5	111	13	11	14.0	22.0	82	17	7	6.5	11.0	51	10	0	3.0	5.0	39			3.0	3.5	31	12	7	6.5	7.0	18	4	1	3.0	4.0					
15	149	6	4	10.0	13.0	110	16	9	14.0	19.0	82	9	4	7.0	12.0	53	2	2	2.5	4.5	41			3.0	5.0	36	10	8	5.0	7.5	42	6	6	4.0	6.0	18	4	2	1.0	3.0
16	147	5	2	7.5	11.0	109	15	11	13.0	18.0	83	5	12	10.0	15.0	53	3	2	2.5	4.5	39	18	7	4.0	6.0	44	6	6	7.5	10.0	18	2	2	1.0	2.5					
17	147	4	2	7.0	10.5	109	15	10	13.0	20.5	82	6	6	6.5	11.0	61	4	4	2.5	4.5	41	9	8	4.0	6.0	44	8	4	4.0	5.5	18	2	1	1.5	3.0					
18	147	3	3	8.0	12.0	111	10	10	13.0	21.0	86	4	7	9.5	14.0	66	5	3	3.0	4.0	49	8	6	6.0	8.0	50	6	8	4.0	7.0	46	4	7	5.5	8.0	18	2	2	1.5	3.0
19	147	4	2	8.0	12.0	113	6	6	12.0	15.5	88	6	4	9.0	12.0	69	8	4	3.5	5.0	53	7	4	4.5	6.0	52	4	4	4.5	6.5	18	2	2	1.5	3.0					
20	149	2	3	8.0	12.5	115	6	5	8.5	12.5	94	5	5	3.5	6.0	75	6	4	4.0	8.0	54	10	4	6.0	8.0	43	5	3	4.0	6.0	18	2	2	1.5	3.0					
21	149	1	4	8.0	12.0	116	4	3	8.0	13.0	98	4	4	5.0	9.0	73	8	2	3.0	5.0	56	7	4	4.5	8.0	54	4	4	4.0	6.0	42	4	6	4.0	6.0	18	2	1	2.0	3.5
22	149	2	4	8.0	13.0	117	2	4	10.0	14.0	100	6	10	5.0	9.0	73	6	6	5.0	8.0	56	5	4	3.0	5.5	40	4	4	3.5	5.5	18	2	2	1.5	3.0					
23	149	2	2	8.0	13.0	115	4	4	8.0	11.5	96	5	6	5.5	10.0	71	4	4	4	5.0	7.5	52	3	4	3.5	6.0	36	6	4	2.5	5.0	18	2	2	1.5	3.0				

F_{om} = median value of effective antenna noise in db above k1b
 D_z = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 L_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Front Royal, Virginia Lat. 38.8 N Long. 78.2 W Month March 19 64

Hour (ST)	Frequency (Mc)																		
	.135			.500			2.5			5			10			20			
	F _{am}	D _l	V _{dm} -L _{dm}	F _{am}	D _l	V _{dm} -L _{dm}	F _{am}	D _l	V _{dm} -L _{dm}	F _{am}	D _l	V _{dm} -L _{dm}	F _{am}	D _l	V _{dm} -L _{dm}	F _{am}	D _l	V _{dm} -L _{dm}	
00	106	7	11	52	9	6	71	8	6	58	7	3	36	2	2	23	1	0	
01	104	10	9	81	11	5	71	9	9	57	5	4	35	2	1	23	1	0	
02	104	9	8	81	13	6	72	9	11	56	6	5	35	2	1	23	2	0	
03	104	9	10	80	11	5	71	9	10	55	7	4	35	2	1	24	1	1	
04	101	9	9	77	11	7	69	10	7	54	6	5	35	1	1	24	1	1	
05	101	10	8	74	12	9	64	10	4	53	9	4	35	1	1	24	1	1	
06	95	13	4	62	16	5	55	15	5	51	8	3	35	2	1	24	1	1	
07	92	6	6	57	9	2	46	15	5	47	7	3	37	4	1	24	0	1	
08	92	5	5	53	9	2	39	14	3	44	6	4	39	5	2	24	1	1	
09	92	7	6	53	9	2	37	13	3	40	6	3	37	3	1	24	1	1	
10	93	7	7	53	6	2	35	7	3	37	5	3	36	3	1	23	1	0	
11	94	7	8	55	4	4	34	6	4	35	5	3	35	5	1	23	1	0	
12	94	8	7	56	4	4	32	7	3	34	6	3	35	6	1	23	1	0	
13	93	13	7	56	5	4	33	4	3	35	5	3	36	5	2	23	2	1	
14	96	9	9	56	5	3	34	5	4	37	8	4	38	5	2	23	2	1	
15	96	9	10	56	6	4	35	7	3	41	8	4	40	9	3	23	2	1	
16	100	8	8	59	6	2	43	7	5	45	7	5	43	7	3	23	2	1	
17	99	5	6	61	8	4	48	11	5	50	6	4	46	5	4	23	2	1	
18	100	7	8	67	10	6	60	12	7	56	5	4	46	6	5	23	1	1	
19	104	9	7	74	13	8	65	12	6	58	6	5	43	7	4	22	2	0	
20	104	12	7	78	15	5	69	8	8	60	6	5	39	5	4	22	1	0	
21	104	10	5	80	13	4	71	10	8	60	6	5	37	2	3	23	1	1	
22	104	12	6	83	9	6	71	11	7	60	6	5	36	3	2	23	1	1	
23	105	8	7	84	7	8	72	10	9	60	4	5	35	4	1	23	1	1	

F_{am} = median value of effective antenna noise in db above ktb

D_l = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Front Royal, Virginia Lat. 38.8 N Long. 78.8 W

Month April 1964

Hour (LST)	Frequency (Mc)																		
	.135			.500			2.5			5			10						
	F _m	D _z	V _{dm} L _{dm}	F _m	D _z	V _{dm} L _{dm}	F _m	D _z	V _{dm} L _{dm}	F _m	D _z	V _{dm} L _{dm}	F _m	D _z	V _{dm} L _{dm}	F _m	D _z	V _{dm} L _{dm}	
00	113	6	10	90	6	9	75	6	11	64	7	6	35	6	1				
01	113	6	9	91	8	10	75	6	12	63	8	6	35	3	1				
02	114	5	10	90	9	11	75	4	12	63	8	5	34	3	0				
03	113	6	11	90	7	13	73	6	10	62	10	5	34	3	1				
04	113	7	13	87	6	14	72	7	10	59	8	7	34	2	1				
05	107	7	11	75	11	11	68	9	12	59	6	8	34	2	1				
06	98	14	8	61	10	6	55	14	13	53	8	10	36	5	2				
07	97	15	8	61	9	6	48	18	7	49	10	9	37	5	2				
08	98	11	10	60	12	6	40	18	5	42	8	7	39	5	4				
09	98	11	9	60	10	5	37	14	3	37	9	4	39	7	4				
10	97	12	8	60	9	5	36	13	3	33	10	3	37	8	4				
11	96	13	7	61	9	7	37	12	5	31	11	3	37	4	4				
12	98	15	8	61	19	7	33	4	6	33	14	4	35	4	4				
13	100	14	10	61	16	7	32	4	3	33	16	2	35	7	4				
14	99	17	8	61	20	7	33	17	4	35	19	4	37	6	4				
15	98	20	6	61	25	6	33	20	4	39	18	4	39	6	4				
16	100	17	9	63	26	7	41	24	4	46	13	8	43	6	4				
17	103	16	12	61	29	6	45	26	6	51	14	8	43	7	3				
18	103	12	11	65	18	8	57	15	9	60	5	7	47	5	5				
19	107	9	10	76	11	8	67	10	9	65	4	8	47	7	7				
20	111	7	12	86	6	11	74	7	13	70	5	8	44	8	7				
21	113	7	11	89	5	12	73	9	10	69	6	8	39	11	4				
22	114	7	11	89	8	12	73	10	10	67	8	7	36	11	2				
23	114	7	11	91	7	11	75	8	13	65	11	6	35	8	1				

F_m = median value of effective antenna noise in db above ktb
 D_z = ratio of upper decile to median in db
 D_z = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Front Royal, Virginia Lat. 38.8 N Long. 78.2 W

Month May 1964

Hour (EST)	Frequency (Mc)																	
	.135			.500			2.5			5			10			20		
	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}
00	114	6	7	92	5	7	74	5	6	64	5	5	39	3	2	25	1	1
01	114	4	9	90	7	5	74	5	7	61	6	3	39	2	3	24	2	0
02	114	3	8	91	6	5	72	6	6	61	4	4	38	2	3	24	1	0
03	112	5	7	90	5	6	72	5	6	60	5	4	38	2	3	24	2	0
04	108	6	6	82	7	9	69	4	5	60	5	6	39	4	2	24	2	0
05	97	11	8	60	13	7	51	12	4	56	4	4	40	2	2	24	1	0
06	95	12	9	56	17	4	43	16	4	49	8	4	41	4	2	14	1	0
07	92	16	7	55	18	3	39	16	3	44	7	5	42	3	3	24	1	1
08	92	17	5	56	17	3	41	12	3	36	9	4	41	2	4	24	2	1
09	93	14	7	57	15	4	41	10	5	32	10	3	38	4	2	23	3	0
10	96	9	11	58	17	4	40	9	4	31	9	3	38	3	3	23	2	1
11	95	12	8	58	17	3	38	10	2	31	9	4	35	3	4	23	6	1
12	97	14	8	63	16	5	36	13	3	31	12	4	36	6	3	23	9	1
13	99	17	9	64	19	6	37	17	4	31	16	4	40	7	4	24	6	2
14	101	18	11	65	25	6	37	23	2	33	19	4	41	7	4	24	3	2
15	101	16	11	65	27	6	37	30	3	39	16	8	45	5	5	24	3	2
16	100	17	10	65	25	7	36	28	2	43	17	8	43	5	5	24	2	1
17	106	12	17	66	21	9	40	19	3	48	14	8	45	6	4	24	2	1
18	104	15	15	67	20	10	49	16	6	58	9	9	48	5	5	25	3	2
19	106	11	14	69	21	10	63	13	11	62	8	7	49	5	5	25	3	1
20	111	6	12	83	13	12	71	9	10	66	6	6	51	7	4	25	2	2
21	115	5	10	89	9	11	74	6	10	67	5	6	49	9	6	24	3	0
22	117	3	10	90	8	8	75	5	10	67	5	7	45	7	6	25	2	1
23	114	6	5	92	5	8	74	5	8	66	5	7	41	6	4	25	1	1

F_{am} = median value of effective antenna noise in db above ktb

D_z = ratio of upper decile to median in db

V_{dm} = ratio of median to lower decile in db

F_{am} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

Hour (ST)	Frequency (Mc)																																							
	.013				.051				.160				.495				2.5				5				10				20											
	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}				
00	150	5	2	10.5	170	26	8	4	10.0	170	104	11	3	10.0	170	83	14	5	12.5	210	58	12	4	9.0	130	52	10	1	3.9	6	4	6.0	9.0	22	2	0	1.5	3.5		
01	152	3	2	10.0	16.5	128	7	6	10.5	16.5	106	10	7	11.5	19.5	85	13	8	11.0	225	60	11	7	9.0	12.5	54	8	4	3.9	5	4	4.5	8.0	24	2	10	3.0			
02	152	4	2	11.0	17.0	128	6	5	10.5	16.0	104	10	5	11.0	19.0	85	11	8	12.0	210	60	11	5	9.5	13.5	54	11	4	3.5	8	2	3.0	5.0	24	4	1	1.5	3.0		
03	152	3	4	10.5	16.5	128	7	6	10.0	16.0	106	11	7	11.0	19.0	85	13	9	10.0	170	104	10	6	8.5	12.5	54	9	4	3.7	5	6	3.0	5.0	24	2	2.0	4.0			
04	152	3	3	11.0	18.0	130	4	7	12.0	19.0	104	10	6	11.5	19.0	85	10	10	10.5	185	62	9	6	10.0	14.5	52	8	2	3.3	6	2	2.5	4.5	24	2	1.5	3.0			
05	152	4	2	12.0	18.0	130	4	7	11.5	19.0	106	9	9	11.0	19.0	83	13	8	10.5	205	60	9	6	9.5	14.0	50	10	4	3.3	6	2	2.5	4.5	24	3	1	1.0	2.5		
06	152	6	0	11.0	17.5	128	6	4	11.5	18.5	100	14	7	10.0	17.0	77	16	9	11.5	180	60	9	6	9.0	12.5	50	8	6	3.3	4	2	3.0	5.0	24	2	1	1.5	3.0		
07	152	4	2	12.0	18.5	120	10	2	12.0	19.0	86	25	9	10.5	15.5	66	18	12	10.0	130	54	11	5	7.0	10.0	50	8	6	3.5	8	2	4.0	6.5	24	2	2.0	3.5			
08	150	6	4	13.0	19.0	116	16	6	12.5	20.0	81	30	13	11.0	22.0	58	28	5	9.5	175	46	13	6	4.5	6.0	42	10	10	3.5	5	4	5.0	7.0	24	2	2.5	4.0			
09	148	6	4	13.0	19.0	106	19	7	15.0	20.0	78	32	8	14.0	21.0	57	29	7	11.0	175	38	11	7	2.0	4.0	33	11	9	6.5	13	2	4.5	6.0	24	2	2.0	3.5			
10	148	7	3	14.0	21.0	110	19	12	12.0	20.0	82	20	12	16.0	26.0	57	27	4	6.5	100	35	18	6	2.0	4.0	30	15	8	3.0	14	5	3.0	4.5	22	2	2	2.0	4.0		
11	148	5	4	13.5	20.0	109	13	7	14.0	22.0	84	15	17	12.0	19.0	57	21	6	7.0	200	32	10	4	1.5	3.5	24	13	4	2.5	11	8	6.0	8.0	22	2	2	2.5	4.0		
12	148	6	5	14.5	22.0	108	16	10	14.5	20.5	80	22	10	15.5	28.0	55	20	4	7.5	240	30	12	4	2.0	3.5	26	10	6	2.0	14	6	4.5	7.5	20	5	0	2.0	4.0		
13	150	4	6	15.0	22.5	110	19	8	15.0	22.0	76	32	8	15.0	28.0	55	34	4	7.4	220	30	12	4	2.0	3.5	28	9	9	2.5	14	4	6.5	8.5	22	3	2	2.0	4.0		
14	148	7	4	15.0	22.5	108	22	6	13.0	20.0	75	31	7	13.0	25.0	57	28	6	7.4	235	33	8	7	2.0	4.0	24	14	6	3.0	21	16	3	5.0	8.0	22	4	2	3.0	5.0	
15	148	7	4	15.5	24.0	110	12	10	14.0	21.0	78	27	10	13.0	23.5	57	25	6	7.2	215	30	14	4	2.0	3.5	26	15	6	4.0	10	2	6.5	9.5	22	2	2	3.0	5.0		
16	148	6	6	15.0	24.0	110	13	12	12.0	18.0	81	17	15	13.0	22.0	56	21	4	7.2	190	38	8	10	2.0	4.0	30	16	4	2.5	8	5	4.5	7.0	22	4	1	2.5	4.5		
17	148	7	5	14.5	22.0	106	22	7	11.0	18.0	78	30	7	14.0	25.0	57	24	6	7.2	195	38	10	8	2.0	4.0	34	17	4	3.5	7.5	3.5	4	4.0	7.0	22	2	0	2.0	4.0	
18	148	2	5	13.0	21.0	110	19	7	12.0	18.0	84	25	10	13.0	23.0	65	23	8	13.5	235	44	15	6	2.5	4.0	46	7	7	6.0	8.5	3	5.0	7.0	22	2	0	2.0	4.0		
19	146	5	4	13.0	21.0	113	13	4	9.0	13.0	90	22	7	13.0	23.5	75	19	11	14.0	220	52	10	6	7.0	9.5	48	8	3	7.0	9.5	37	5	4.5	7.5	22	2	0	2.0	3.5	
20	148	3	4	12.5	20.0	116	13	6	9.0	17.0	98	16	12	11.0	18.0	79	15	6	9.0	185	56	9	6	9.0	13.0	50	10	5	5.0	8.5	37	5	4	4.0	7.0	24	2	2.0	3.5	
21	148	6	2	12.0	17.0	120	11	8	12.5	18.5	100	15	10	13.0	21.0	83	14	9	12.0	200	58	7	7	7.5	10.5	52	7	6	5.0	8.0	37	3	4	4.0	7.0	22	4	0	1.5	3.5
22	150	7	4	10.5	17.0	124	8	8	13.0	19.0	104	12	10	12.5	21.5	79	19	5	9.0	180	59	12	7	8.5	12.0	52	9	2	4.5	8.5	37	5	4	4.0	7.0	22	3	0	1.5	3.0
23	150	6	3	9.0	15.5	124	7	2	11.5	18.0	104	11	6	12.0	19.0	83	15	5	11.0	200	58	15	6	8.0	11.0	54	6	4	4.5	7.0	39	6	6	5.0	7.5	22	4	0	1.5	3.0

F_{am} = median value of effective antenna noise in db above k1b
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Kekaha, Hawaii Lat. 22.0 N Long. 159.7 W Month April 19 64

Hour (LST)	Frequency (Mc)																																						
	.013				.051				.160				.495				2.5				5				10				20										
	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}			
00	152	2	75	120	126	4	2	105	160	106	4	6	105	175	84	6	8	110	190	57	4	6	55	85	54	4	4	30	60	40	4	4	75	115	24	0	2	15	30
01	152	2	80	125	128	4	4	105	160	106	4	6	100	160	84	6	6	100	185	57	4	6	50	90	52	6	2	50	90	38	8	2	50	70	24	0	0	20	35
02	152	2	90	130	130	2	4	100	155	106	4	6	100	165	84	4	6	110	190	57	4	4	60	85	52	4	2	45	95	38	2	4	35	55	24	2	0	15	30
03	152	2	90	150	130	0	4	105	170	104	6	2	100	160	84	6	6	115	190	57	4	4	60	90	52	4	4	35	95	37	5	3	35	55	24	0	0	20	35
04	152	2	100	155	130	2	4	105	165	106	4	6	105	175	82	8	4	90	155	57	4	4	55	75	50	6	2	65	110	34	2	2	25	45	24	2	2	15	30
05	152	2	105	165	130	2	4	100	165	104	6	4	95	155	82	6	4	95	155	55	6	4	60	90	48	6	4	50	70	32	2	2	20	35	24	0	2	20	35
06	154	2	105	170	126	2	4	110	175	94	4	8	120	185	62	14	4	60	90	57	4	4	55	85	48	6	2	50	75	34	4	2	25	45	24	2	2	15	35
07	150	2	110	165	118	4	2	105	170	82	8	10	100	145	54	16	4	45	70	47	6	2	25	50	42	4	2	35	55	36	2	4	40	60	24	0	2	25	40
08	150	2	110	170	108	12	6	115	160	74	20	6	130	200	54	16	4	40	60	41	6	6	25	50	34	6	8	35	55	32	2	2	40	60	24	2	2	20	40
09	148	4	110	170	104	12	4	140	190	78	12	12	155	225	54	18	4	95	125	33	8	4	20	35	26	8	6	30	50	28	4	6	35	60	24	2	2	25	40
10	150	2	110	170	106	8	4	125	165	76	12	8	125	150	54	15	2	85	115	29	8	0	20	40	22	6	2	20	40	24	4	4	30	50	22	2	2	20	35
11	148	4	115	170	108	8	4	135	185	73	13	7	130	200	54	10	4	50	80	29	8	2	20	35	20	10	2	15	35	22	2	4	20	40	22	2	2	20	40
12	148	5	120	180	110	7	6	130	170	74	14	8	75	110	52	12	2	60	80	27	15	0	20	35	22	8	4	25	40	20	6	4	45	60	22	2	2	25	40
13	150	2	130	200	108	8	4	140	190	72	12	6	120	200	52	13	2	50	75	27	16	0	20	35	20	12	2	20	40	20	2	4	30	50	22	3	2	25	40
14	148	6	130	195	108	10	6	130	200	72	13	8	90	140	54	10	4	35	55	27	14	2	15	30	20	12	2	25	45	21	6	4	45	60	24	2	4	20	35
15	149	3	125	190	108	8	6	110	160	72	12	6	100	130	52	9	2	40	60	27	14	2	20	40	20	8	0	15	30	24	4	4	40	55	22	4	0	15	35
16	148	4	130	200	104	9	6	125	170	72	10	8	120	165	52	9	2	40	60	29	11	2	20	35	26	4	6	25	40	30	3	7	40	60	24	2	4	25	45
17	148	4	135	210	102	10	4	130	180	72	14	4	75	120	52	10	2	35	50	31	12	2	25	45	29	9	3	25	45	34	6	3	40	65	24	6	2	30	45
18	148	2	125	190	104	8	2	90	120	80	12	6	75	120	60	8	4	60	85	37	10	4	30	45	42	6	8	40	60	38	4	2	45	70	24	3	2	25	40
19	148	2	105	170	110	6	2	85	100	90	8	8	105	170	74	12	6	100	170	47	10	6	40	60	48	4	6	35	55	38	4	4	50	70	24	4	2	20	35
20	148	4	100	160	116	6	4	110	160	96	6	8	115	185	78	8	6	100	160	53	8	6	70	95	50	4	6	35	60	34	2	4	55	80	22	2	0	15	30
21	150	2	90	145	120	4	6	110	160	99	5	9	120	200	80	6	6	105	185	55	6	6	70	95	51	3	5	30	50	36	2	4	45	65	22	4	0	15	25
22	157	3	85	140	122	4	4	110	170	102	4	8	125	210	84	4	8	105	185	55	6	4	60	95	52	4	4	30	50	36	4	2	40	70	22	2	0	10	25
23	152	2	80	130	124	4	2	120	175	105	5	9	115	190	84	4	8	105	180	57	6	6	65	70	53	3	3	30	55	40	4	6	35	75	22	4	0	15	30

F_m = median value of effective antenna noise in db above k1b
 D_f = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 L_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

Hour (ST)	Frequency (Mc)																																							
	.013			.051			.160			.495			2.5			5			10			20																		
	F _{am}	D _f	V _{dm}	L _{dm}	F _{am}	D _f	V _{dm}	L _{dm}	F _{am}	D _f	V _{dm}	L _{dm}	F _{am}	D _f	V _{dm}	L _{dm}	F _{am}	D _f	V _{dm}	L _{dm}	F _{am}	D _f	V _{dm}	L _{dm}																
00	152	2	9.5	14.5	124	4	2	10.5	16.0	102	5	6	11.0	18.5	78	8	9	12.0	20.5	56	9	4	4.0	7.5	38	6	2	5.5	9.0	25	2	0	1.5	3.0						
01	152	4	0	9.5	15.0	126	4	4	10.5	16.0	102	6	6	12.0	20.5	82	6	11	12.0	20.5	56	7	5	6.0	10.0	38	4	4	3.5	6.0	25	2	1.5	3.0						
02	154	2	4	10.0	16.0	126	4	4	10.5	17.5	102	5	6	13.0	21.0	78	9	8	13.5	20.0	56	8	6	5.0	8.0	36	5	4	3.5	5.0	25	0	2	1.5	3.0					
03	152	4	2	10.0	16.0	127	3	5	11.0	17.0	100	8	6	13.0	21.5	78	11	8	14.0	24.5	56	7	6	7.0	11.0	36	6	4	5.0	7.5	25	2	1.0	2.5						
04	152	4	3	10.5	17.0	128	3	5	11.5	18.0	100	8	7	12.0	21.5	78	10	11	15.0	24.0	56	7	5	7.0	12.5	38	5	6	5.0	8.0	25	0	2	1.0	3.0					
05	152	4	2	11.5	18.0	128	3	5	11.5	18.0	96	10	4	12.5	19.5	72	10	7	12.0	19.5	54	7	2	4.5	6.5	34	2	4	3.0	4.5	25	0	2	1.0	3.0					
06	154	2	4	11.5	19.0	120	3	4	10.5	16.5	82	8	6	13.5	19.0	58	4	4	3.0	4.5	52	6	2	5.0	8.0	38	2	6	7.0	14.5	25	0	2	1.5	3.5					
07	150	4	2	12.0	18.5	114	3	4	11.5	17.5	70	16	2	8.0	11.5	56	10	4	3.0	5.0	47	4	5	2.0	4.0	32	6	5	7.0	10.0	23	2	0	1.5	3.0					
08	150	2	4	12.0	18.5	104	12	6	10.0	14.0	74	16	6	15.5	25.0	56	12	4	5.0	7.0	40	4	6	3.0	5.0	28	6	3	4.5	6.5	23	2	1	1.5	3.0					
09	150	2	4	11.5	17.5	104	11	4	9.0	12.0	72	20	4	7.5	12.0	54	15	4	3.5	5.0	33	7	3	2.0	4.0	26	8	4	2.0	4.0	23	0	2	2.0	3.5					
10	148	2	2	12.0	18.0	106	10	7	13.0	16.5	76	16	9	11.5	17.0	54	14	2	6.0	8.0	30	8	2	2.5	4.5	22	6	2	2.5	4.5	21	2	0	2.0	3.0					
11	148	3	2	11.5	17.0	108	8	8	15.0	19.5	74	12	6	12.5	22.0	54	12	2	6.0	8.0	30	10	2	2.0	3.5	22	4	2	4.0	6.0	21	2	0	2.0	4.0					
12	149	1	3	11.5	17.0	108	8	8	7.0	9.0	74	8	6	5.0	7.5	52	10	2	4.0	6.0	30	12	2	2.0	4.0	19	11	4	3.5	5.0	21	2	0	2.0	3.5					
13	148	4	2	11.5	17.0	106	14	6	16.0	21.0	72	16	6	6.5	9.5	54	6	4	3.0	5.5	28	10	2	2.5	4.0	21	4	4	4.0	6.0	21	4	0	1.5	3.0					
14	148	4	2	12.5	18.0	104	16	4	13.0	16.0	72	18	8	5.0	8.5	54	10	4	5.0	7.0	28	12	2	2.0	4.5	22	6	2	2.5	4.0	23	0	2	2.0	4.0					
15	148	4	4	13.0	19.0	104	10	4	13.0	17.0	72	12	6	12.0	17.0	52	10	0	4.0	6.0	30	11	2	2.0	3.5	23	8	4	4.5	8.0	24	6	2	2.5	4.0					
16	147	3	3	13.0	19.0	104	7	6	11.0	13.0	72	15	6	7.0	20.5	54	3	4	4.0	5.5	32	6	4	2.0	3.5	25	7	2	2.5	5.5	30	4	4	3.5	6.0	23	2	2	2.5	4.0
17	146	4	3	13.5	19.5	102	8	6	10.0	13.0	72	14	6	7.0	13.5	54	9	4	3.0	5.0	38	6	8	2.0	3.5	31	6	7	3.0	4.5	36	2	2	3.0	5.0					
18	146	4	2	11.0	17.5	101	8	2	9.5	13.0	76	10	4	9.5	13.5	58	8	4	3.5	5.0	42	4	6	2.5	5.0	38	3	4	4.5	7.5	23	2	0	2.0	3.5					
19	148	2	4	10.0	16.0	110	4	4	5.5	9.0	88	7	6	6.5	11.0	66	10	4	9.0	12.0	50	2	4	2.0	4.0	45	6	2	3.5	6.0	36	4	2	3.0	4.5					
20	148	2	2	9.5	15.5	116	5	5	9.0	13.0	92	13	4	10.0	15.0	72	11	4	10.5	16.5	52	8	3	4.0	6.0	49	4	4	3.5	7.0	36	2	2	4.0	6.5	25	0	2	1.5	3.5
21	150	2	3	9.5	15.0	118	7	4	10.0	15.0	96	8	5	12.5	19.0	76	9	7	9.5	14.5	54	6	2	6.5	9.0	49	4	3	4.5	7.5	36	4	2	3.5	6.0	25	2	2	1.0	3.0
22	150	2	2	9.0	14.0	122	6	6	11.0	16.0	98	10	8	13.5	20.5	78	8	8	11.0	16.0	54	7	3	4.5	7.0	49	4	2	4.0	6.5	36	4	2	4.0	6.5	25	2	0	1.0	3.0
23	152	2	2	9.0	15.0	124	4	8	11.5	17.5	99	7	5	11.0	17.5	78	9	7	10.5	15.5	56	9	4	6.0	9.5	51	4	4	4.0	6.5	36	5	2	3.0	5.5	25	0	0	1.0	3.0

F_{am} = median value of effective antenna noise in db above ktb
 D_f = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 L_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station New Delhi, India

Lat. 28.8 N Long. 77.3 E

Month March

19 64

F _m (SF)	Frequency (Mc)																																					
	.013				.160				.495				2.5				5				10				20													
	F _m	D _z	V _{dm}	L _{dm}	F _m	D _z	V _{dm}	L _{dm}	F _m	D _z	V _{dm}	L _{dm}	F _m	D _z	V _{dm}	L _{dm}	F _m	D _z	V _{dm}	L _{dm}	F _m	D _z	V _{dm}	L _{dm}	F _m	D _z	V _{dm}	L _{dm}	F _m	D _z	V _{dm}	L _{dm}						
00	154	6	2	7.0	10.0	132	8	4	8.0	11.0	113	12	10	8.5	11.5	92	13	14	6.0	9.0	6.5	8.5	58	6	6	5.0	6.5	40	4	4	4.5	6.0	25	2	0	2.0	3.0	
01	156	3	4	8.0	11.0	133	7	5	8.5	12.0	111	10	9	9.0	13.5	88	14	9	8.0	11.0	6.5	9.0	60	4	6	5.0	7.5	40	6	6	4.0	6.0	27	0	2	1.0	2.5	
02	156	2	3	8.5	11.0	132	7	5	8.5	12.0	111	9	8	8.5	13.0	86	16	8	7.0	10.5	6.3	10	58	6	8	4.0	5.5	38	6	4	4.0	5.5	27	0	0	1.5	3.0	
03	156	2	4	9.0	12.5	131	7	3	8.5	13.0	109	11	8	9.0	13.0	88	14	10	7.0	11.0	6.3	10	56	4	6	5.0	7.0	38	4	4	3.0	4.5	27	0	0	1.0	3.0	
04	156	3	4	9.5	12.5	132	8	8	8.0	12.0	107	16	10	8.5	14.0	84	23	10	8.0	13.5	6.3	12	54	6	4	5.0	7.0	36	6	4	3.0	4.5	27	1	0	2.0	3.0	
05	156	2	4	10.0	13.0	129	5	5	9.0	13.0	107	10	5	7.0	10.5	79	11	5	4.0	5.5	6.1	6	53	5	6	5.0	6.0	36	6	3	3.0	4.0	27	0	0	2.0	3.0	
06	154	4	2	8.5	12.0	123	9	5	6.0	8.0	95	14	8	6.5	9.0	74	18	6	3.0	4.0	5.8	11	46	11	6	4.5	7.0	39	5	3	4.0	6.5	27	2	0	2.0	3.5	
07	150	5	4	8.0	11.0	120	11	4	4.0	7.0	97	14	8	7.5	12.0	70	10	2	2.5	3.0	4.7	14	48	11	6	5.0	6.5	37	7	3	4.0	6.0	27	2	1	3.0	4.0	
08	150	4	4	8.0	10.0	119	7	5	4.0	7.0	95	18	7	7.0	11.0	72	20	5	2.5	4.0	4.7	19	48	11	6	5.0	6.5	36	10	2	4.5	6.5	27	3	1	2.0	3.5	
09	149	5	3	8.0	11.0	119	8	5	4.0	6.5	95	11	8	7.5	12.5	70	33	4	3.0	4.0	4.6	21	36	8	10	3.5	4.0	34	9	6	4.0	5.0	27	3	2	2.0	4.0	
10	150	4	4	8.0	11.0	120	8	4	5.0	7.5	95	9	9	8.5	13.0	72	10	6	3.0	4.5	4.4	14	35	7	11	3.0	6.0	30	10	2	4.0	5.0	27	2	2	3.0	5.0	
11	150	4	4	10.0	13.0	122	4	5	6.0	8.5	97	10	10	7.0	13.0	70	15	2	3.5	4.0	4.3	10	35	7	11	3.0	6.0	30	10	2	4.0	5.0	27	2	2	3.0	5.0	
12	150	4	4	8.0	10.0	123	7	7	7.5	9.5	98	15	11	10.0	13.5	73	20	7	4.0	4.5	4.3	19	35	12	6	2.5	4.0	35	12	6	2.5	3.5	35	6	2	2.0	3.5	
13	152	5	8	10.0	12.5	126	6	8	7.5	9.5	98	15	13	9.0	12.5	73	22	5	6.0	7.5	4.3	16	36	11	5	3.0	5.0	38	7	8	4.5	5.0	29	7	2	4.0	5.0	
14	152	4	6	10.0	12.5	126	8	7	7.0	9.5	99	13	16	8.5	12.0	74	16	8	4.0	4.5	4.4	15	42	8	10	3.0	6.5	40	10	10	5.0	8.0	33	3	4	5.5	7.5	
15	152	7	4	8.5	11.0	126	14	9	7.5	10.0	105	16	18	8.5	13.0	74	38	6	8.0	11.0	4.7	12	48	10	12	5.0	6.5	44	7	7	6.0	8.0	31	10	3	5.0	6.0	
16	154	8	4	9.0	12.5	127	20	11	7.5	9.0	103	14	14	9.5	14.5	74	34	6	5.0	5.5	4.9	30	52	12	12	8.0	10.5	46	14	8	6.0	8.0	30	5	3	5.0	5.5	
17	154	7	4	8.5	11.0	128	16	14	7.0	9.0	107	12	15	9.0	11.0	84	18	13	5.0	6.5	5.5	18	56	10	12	8.0	11.0	48	9	8	7.0	9.0	29	8	2	5.5	5.5	
18	153	6	3	7.0	10.0	130	12	14	7.5	10.0	111	13	14	8.0	13.0	92	14	17	6.5	8.0	6.6	18	60	6	13	6.0	9.5	48	4	10	6.0	8.5	27	6	2	4.0	5.0	
19	154	6	2	7.0	9.0	128	14	10	8.0	11.5	111	10	14	10.0	14.0	94	14	14	10.0	13.0	6.5	12	65	8	10	6.0	8.5	44	7	6	5.0	7.5	26	6	1	2.5	4.0	
20	156	3	4	7.0	9.0	128	12	6	8.0	10.0	111	10	9	8.0	12.5	94	12	15	8.0	10.5	6.4	12	64	12	8	6.0	8.0	42	8	4	5.0	7.0	25	2	0	2.0	3.5	
21	156	3	4	7.0	9.5	130	10	5	8.0	11.0	113	10	10	9.0	13.0	94	12	14	8.5	11.0	6.5	11	65	11	7	6.0	8.0	38	8	4	4.5	6.0	25	0	0	1.5	3.0	
22	156	3	3	7.0	9.5	132	10	4	7.0	10.0	117	9	10	7.5	11.0	92	13	12	7.0	11.5	6.5	10	65	10	7	11	5.5	7.5	38	10	6	4.5	6.0	25	2	0	2.0	2.5
23	156	3	4	7.5	10.0	132	10	3	8.0	11.0	116	8	8	8.0	12.0	92	14	13	6.0	8.5	6.5	10	65	10	9	4.0	6.5	39	7	5	5.0	7.0	25	2	0	2.0	3.5	

F_m = median value of effective antenna noise in db above ktb
 D_z = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 L_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station New Delhi, India

Lat. 28.8 N Long. 77.3 E

Month April

19 64

Hour (ST)	Frequency (Mc)																																							
	.013			.051			.160			.495			2.5			5			10			20																		
	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm																
00	155	4	7.0	105	134	4	4	7.0	105	117	6	6	6.5	110	98	6	8	7.0	105	56	8	8	7.0	80	37	6	4	5.5	80	28	0	2	2.0	40						
01	155	2	4	7.0	105	134	8	4	7.0	110	117	6	10	7.0	100	67	4	10	7.0	95	56	6	10	6.0	80	39	6	6	6.0	85	28	0	2	2.0	35					
02	155	2	4	8.0	110	134	6	4	7.0	110	116	5	8	7.0	110	65	8	10	8.0	115	58	4	12	8.0	105	39	4	10	7.5	60	28	0	2	2.0	40					
03	155	2	4	7.5	110	134	4	6	7.0	110	115	5	8	7.0	105	64	7	10	8.0	105	56	4	10	5.5	85	35	7	6	3.5	55	28	0	2	2.0	30					
04	155	4	4	9.0	120	134	4	6	8.0	120	125	5	9	9.0	130	88	10	8	7.0	120	65	6	12	9.5	140	35	4	6	5.5	75	28	1	2	2.0	30					
05	155	2	4	8.0	120	128	6	4	6.5	100	107	8	12	7.0	120	76	17	5	4.5	70	65	2	16	7.0	110	39	8	8	4.0	65	28	2	2	1.5	30					
06	151	4	2	8.0	115	124	7	4	5.0	75	99	10	8	9.0	140	72	12	4	3.5	60	55	10	10	7.0	80	40	7	5	7.0	90	28	2	0	2.0	45					
07	151	4	2	8.0	120	122	8	4	4.5	70	101	13	6	8.0	130	74	21	6	3.5	50	49	10	10	5.0	70	37	5	3	3.5	80	28	2	2	3.0	45					
08	151	4	1	8.0	120	122	8	2	4.0	70	99	14	7	6.5	120	72	24	4	3.0	45	47	8	12	4.0	55	48	4	6	7.5	95	28	2	3	3.5	50					
09	152	3	3	8.0	125	124	7	4	6.0	90	102	9	11	9.0	170	74	18	7	3.0	50	47	6	4	4.0	50	45	4	4	8.0	95	28	2	2	3.0	40					
10	153	3	4	8.5	120	124	7	5	5.0	80	104	4	8	8.0	130	74	13	5	3.5	65	46	4	1	3.0	50	45	4	6	6.0	85	28	2	2	4.0	65					
11	153	4	4	7.5	110	124	6	4	5.5	85	99	4	9	9.5	140	74	12	6	3.0	50	49	4	3	3.5	45	35	4	4	4.5	75	28	2	2	4.0	65					
12	155	1	4	6.5	95	126	6	4	6.5	100	101	11	7	7.0	100	74	19	6	3.0	65	49	3	5	5.0	55	40	8	8	4.0	50	34	13	5	6.5	75	32	6	4	3.0	40
13	155	5	3	8.0	100	128	5	4	7.0	100	107	12	6	5.5	90	76	24	6	6.0	80	47	6	2	3.0	50	38	10	8	4.5	55	37	11	9	6.0	85	32	3	3	4.0	60
14	157	4	4	8.0	110	128	12	4	6.0	95	105	12	9	6.0	90	76	24	7	7.5	100	47	4	4	3.0	50	44	12	12	4.0	50	41	11	9	5.0	80	34	5	3	7.0	80
15	157	3	3	7.5	115	130	10	6	6.5	100	107	14	11	7.5	105	82	18	14	7.5	115	45	11	5	4.0	60	46	12	10	4.0	65	45	9	8	6.5	80	36	6	2	6.5	85
16	157	6	2	7.0	100	130	12	6	7.0	100	107	12	6	5.0	80	78	26	8	8.0	100	48	14	8	4.0	60	54	10	12	6.0	90	47	8	6	4.5	70	36	2	3	5.5	75
17	157	4	2	7.0	110	130	11	4	7.0	100	111	12	6	6.0	80	86	18	8	4.5	75	52	13	7	5.0	60	60	8	12	4.5	70	49	11	6	5.0	80	38	2	7	6.0	70
18	157	4	2	7.0	100	134	8	6	6.0	90	117	8	6	5.0	75	95	9	7	5.0	75	61	12	8	5.5	85	58	8	8	6.0	75	47	8	6	5.0	80	34	6	4	6.0	80
19	155	4	0	6.0	95	136	6	8	6.0	90	117	8	6	5.0	90	99	9	5	5.0	80	65	12	8	6.0	85	62	5	11	5.5	95	47	6	6	6.0	85	28	6	2	4.5	55
20	157	4	2	6.0	90	136	5	6	6.0	90	119	4	6	5.0	80	102	6	6	5.0	80	69	8	12	6.5	95	60	6	10	6.0	80	45	8	7	5.5	75	26	3	0	3.0	45
21	157	2	2	6.0	90	134	8	5	6.0	90	119	7	7	6.0	100	101	8	6	5.5	100	69	4	8	6.5	90	60	4	8	6.5	90	41	6	8	6.0	70	26	1	1	2.5	40
22	156	5	3	6.0	85	134	7	4	7.0	90	119	6	6	6.5	110	100	8	6	5.0	100	65	8	10	6.0	90	58	6	10	6.0	80	41	5	7	6.0	80	26	3	0	2.0	30
23	155	5	2	6.5	100	134	6	4	6.0	90	117	7	5	6.0	90	100	6	9	5.0	100	67	6	14	6.0	90	58	6	12	5.5	75	39	4	6	5.5	70	26	2	0	2.0	30

Fam = median value of effective antenna noise in db above ktb
 Du = ratio of upper decile to median in db
 D_L = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station New Delhi, India

Lat. 28.8 N Long. 77.3 E

Month May

19 64

Hour (IST)	Frequency (Mc)																																					
	.013				.051				.160				.495				2.5				5				10				20									
	F _{am}	D _u	D _l	V _{dm}	F _{am}	D _u	D _l	V _{dm}	F _{am}	D _u	D _l	V _{dm}	F _{am}	D _u	D _l	V _{dm}	F _{am}	D _u	D _l	V _{dm}	F _{am}	D _u	D _l	V _{dm}	F _{am}	D _u	D _l	V _{dm}	F _{am}	D _u	D _l	V _{dm}	F _{am}	D _u	D _l	V _{dm}		
00	158	8	3	8.0	11.0	136	13	5	8.5	11.0	120	11	11	7.5	11.0	98	15	12	7.0	10.5	67	10	6	6.0	8.5	57	4	6	4.5	7.0	24	6	2	3.0	3.5			
01	158	8	4	10.0	12.0	138	10	7	9.0	15.0	118	12	9	9.0	15.0	98	19	6	8.5	12.0	67	17	4	8.0	10.0	59	16	6	5.5	8.0	24	5	2	2.5	3.5			
02	158	6	4	8.0	10.0	136	8	6	9.0	12.0	116	15	7	10.0	14.0	97	17	9	10.0	12.0	67	9	6	6.0	9.5	55	13	4	5.0	8.0	24	4	2	2.0	3.5			
03	156	5	2	9.0	11.0	136	6	8	10.0	12.0	116	7	11	10.0	13.5	96	13	8	9.5	13.0	67	9	6	6.0	9.0	55	8	5	7.0	10.0	43	6	6	4.5	6.0			
04	156	3	3	9.0	11.0	133	8	6	10.0	13.0	112	10	12	10.0	14.5	86	13	11	9.5	12.0	65	11	7	6.0	10.0	55	12	6	6.0	9.0	41			5.0	7.5			
05	156	3	3	8.0	10.5	126	10	13	8.0	11.0	98	2.0	8	10.5	15.5	73	18	5	8.5	10.0	55	15	3	5.5	8.0	51	13	6	5.0	7.5	43	6	2	4.0	6.0			
06	154	2	2	7.0	10.0	124	9	4	5.0	7.0	96	19	8	11.0	15.5	86	13	11	2.5	4.0	51	10	6	3.0	5.0	46	14	7	6.0	8.0	41			3.0	5.0			
07	155	3	3	7.0	9.5	122	12	2	5.0	8.0	98	17	6	10.0	15.5	72	10	6	5.0	9.5	47	5	6	2.0	3.0	39			9.0	13.0	37	14	6	4.5	6.5			
08	154	3	2	8.0	10.5	124	10	4	5.5	8.0	96	20	7	9.0	12.0	74	16	6	7.0	8.0	47	11	2	2.0	4.0	33			9.5	13.0	35	6	6	5.5	7.0			
09	154	2	4	7.5	11.0	126	8	4	8.0	10.5	100	16	8	9.0	14.0	72	22	2	8.0	10.5	47	6	4	7.0	3.0	37	11	5	2.0	4.0	59			4.0	6.0			
10	154	4	2	8.0	11.0	127	7	3	8.0	10.0	99	17	8	8.5	11.5	75	23	7	5.5	7.0	47			2.0	3.0	39			3.0	4.5	35			2.4	2	2	3.0	4.0
11	154	6	0	8.0	11.0	126			6.5	9.5	106	8	10	10.0	13.5	80	19	10	9.0	14.5	47			2.0	4.0	37			5.0	8.0	39			2.6			5.5	8.0
12	154	4	2	8.5	12.0	132	6	6	7.0	11.0	113	10	13	10.0	14.5	87	19	15	9.0	14.5	49	14	4	2.5	4.0	42	9	7	3.5	6.0	42	7	5	7.0	10.0			
13	158	6	4	8.0	12.0	136	9	8	8.0	11.0	115	12	14	9.0	15.0	96	8	20	10.0	16.5	51	11	7	2.0	3.5	43			4.5	7.0	45	4	4	3.5	6.0			
14	160	4	4	7.0	10.0	139	6	10	7.5	11.0	118	11	17	7.0	12.0	96	16	23	7.0	12.0	54			3.0	4.0	45	13	6	4.0	7.0	47			4.0	7.0			
15	162	4	4	7.0	9.5	140	9	10	5.5	9.0	122	11	19	5.0	8.0	100	21	26	5.0	8.0	52	22	5	5.0	7.5	46	16	10	5.5	8.0	51	4	6	4.0	8.0			
16	162	6	4	7.0	9.0	138	14	10	7.0	10.0	116	22	12	7.0	10.5	96	27	19	7.0	10.5	56	16	12	5.0	7.0	53			4.5	8.0	50	5	8	4.0	6.0			
17	160	7	4	6.0	9.0	138	17	10	7.0	10.0	119	16	18	7.0	12.0	96	22	19	8.5	11.5	63	18	12	4.0	6.5	61	6	14	3.0	6.0	53	4	6	3.5	5.0			
18	160	6	4	6.5	9.0	137	11	10	7.0	9.5	116	14	8	6.0	9.5	96	18	11	6.0	10.0	66			5.0	7.0	62	5	18	5.0	7.0	53	6	6	4.0	6.0			
19	160	7	6	7.0	9.5	140	11	8	7.0	10.0	120	13	6	6.0	9.0	102	16	9	6.5	9.5	71	12	16	4.0	6.5	62	9	16	4.0	6.0	52			5.0	8.0			
20	158	8	2	8.0	9.0	140	8	8	7.0	10.0	121	12	7	6.0	9.0	102	14	8	6.0	8.0	73	11	16	5.5	8.0	62	7	9	5.0	7.0	51			7.5	10.0			
21	160	6	4	8.0	10.5	140	12	7	7.0	10.0	124	11	10	6.0	9.0	104	13	10	6.0	9.0	73	8	13	6.5	9.0	61	10	16	6.0	8.5	47	11	4	5.0	8.0			
22	160	6	4	9.0	10.5	141	8	9	7.5	10.5	124	10	12	6.0	9.0	104	13	12	6.5	9.5	73	8	11	6.5	9.0	59	6	8	5.0	7.0	47	6	4	5.0	8.0			
23	159	7	3	8.5	10.5	139	10	7	8.0	12.0	122	9	10	7.0	10.0	104	12	16	8.0	12.0	69	12	8	4.0	7.0	59	7	6	6.0	8.0	49	10	6	3.5	7.0			

F_{am} = median value of effective antenna noise in db above ktb
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Ohira, Japan

Lat. 35.6 N Long. 140.5 E

Month March

19 64

Hour (LST)	0.013						0.051						0.160						0.495						2.5						5						10						20					
	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}								
00	151	4	2	10.0	14.0	138	3	5	11.5	18.5	108	4	6	9.5	15.0	88	7	9	9.0	15.0	57	9	6	5.0	8.0	55	7	4	5.0	9.0	38	4	4	3.5	6.0	24	0	2	1.5	3.0								
01	151	4	4	7.5	11.0	138	4	4	11.0	16.0	108	8	6	9.0	14.0	85	14	6	8.0	13.5	57	10	4	5.5	8.0	55	6	4	7.5	10.0	38	6	4	3.5	5.5	24	1	2	1.5	3.0								
02	151	4	2	12.5	16.0	138	6	4	13.0	17.0	104	10	4	9.0	14.5	85	8	6	10.5	15.0	57	9	4	7.0	10.0	55	4	4	5.0	8.0	36	5	3	3.5	5.0	24	2	1	2.0	3.5								
03	153	2	4	7.5	14.5	138	8	4	12.5	18.0	104	20	6	10.5	15.5	83	10	6	9.0	14.5	55	13	5	6.0	10.0	69	8	23	8.0	12.0	36	4	4	3.0	5.0	24	2	2	1.0	3.5								
04	152	3	3	11.0	16.0	126	8	6	14.0	20.0	100	17	6	7.0	12.0	80	15	5	9.5	14.0	63	22	11	7.0	15.0	67	7	8	7.5	12.5	34	3	2	2.5	4.0	24	2	2	1.0	3.5								
05	153	3	4	11.5	17.0	126	4	4	9.5	14.5	96	13	2	14.0	20.0	71	18	6	7.0	11.0	65	11	13	5.0	12.0	65	8	6	7.0	11.0	34	5	2	4.0	6.0	24	2	2	1.0	4.0								
06	149	4	2	11.5	16.0	116	4	4	8.0	12.5	86	17	8	10.0	14.0	59	19	4	12.0	18.0	55	18	7	6.5	12.0	53	10	3	10.0	12.0	38	5	2	4.0	6.0	24	2	2	1.0	4.0								
07	147	4	2	8.5	13.0	110	10	4	8.0	14.5	72	32	2	3.5	6.0	59	28	2	3.0	5.0	45	9	4	6.0	9.0	47	9	6	6.0	9.0	38	5	4	4.0	7.0	24	2	1	2.0	3.5								
08	148	3	3	12.0	16.0	103	20	5	9.5	12.5	76	22	4	3.5	5.5	60	29	3	10.0	17.0	43	7	2	8.0	11.5	39	9	2	6.5	8.0	36	10	3	4.0	7.5	26	2	2	1.5	4.5								
09	148	3	3	10.5	14.5	104	18	7	11.0	14.5	74	20	4	2.5	4.0	61	25	2			43	4	2	6.0	9.0	37	8	3	7.0	10.0	32	8	2	4.0	6.0	24	4	2	2.0	4.0								
10	147	2	0	9.5	13.5	106			13.5	18.5	72			2.0	3.0	59	6	2			41			9.0	13.0	35			6.0	9.0	30	4	2	3.0	5.5	24	3	2	2.0	3.0								
11	147	2	3	12.5	16.5	106	5	3	14.0	20.0	72	8	2	1.5	3.5	60	11	3	4.2	6.5	42	6	3	6.5	10.5	37	3	2	6.0	9.0	30	6	2	6.0	8.5	24	4	2	3.0	5.0								
12	147	2	2	12.5	17.0	108	14	6	13.0	20.0	73	17	3	2.0	4.0	61	16	2			41	7	2	7.0	10.0	34	4	3	6.0	8.5	30	5	2	3.5	5.5	24	2	2	2.5	5.5								
13	147	2	2	12.0	17.0	108	5	5	12.0	19.0	72	13	2			61	8	4	10.0	12.5	41	5	2	6.5	10.0	37	5	4	7.0	10.0	32	10	2	4.0	7.0	24	2	2	2.0	4.5								
14	147	4	2	12.0	16.5	108	6	5	13.0	20.0	72	12	2	3.0	4.0	61	23	4	2.0	3.5	41	4	2	7.5	10.0	37	6	2	5.5	8.0	35	7	3	5.0	7.5	24	2	0	4.5	6.0								
15	149	4	2	12.5	17.5	106	15	4	12.5	17.5	72	29	2	4.0	6.0	63	19	6			41	7	2	8.5	11.0	39	14	3	5.0	8.0	36	7	2	7.0	11.5	26	2	2	3.5	6.0								
16	150	4	3	11.0	16.0	106	14	6	10.0	15.0	76	21	4	16.5	21.0	62	24	3	17.0	26.0	43	8	2	6.0	9.0	49	11	6	8.0	12.0	40	6	3	6.0	9.0	26	5	2	3.0	5.0								
17	149	3	2	11.0	16.0	108	15	4	7.0	15.5	82	16	6	10.0	13.0	71	19	5	7.5	10.0	47	14	4	7.5	10.0	59	8	10	7.5	11.0	42	4	3	4.5	7.5	24	2	1	2.5	4.0								
18	150	1	3	10.0	15.0	115	13	5	11.0	16.0	92	16	7	11.5	16.5	79	15	4	7.5	17.0	51	6	2	6.0	9.0	65	8	8	9.0	14.5	42	5	3	3.5	7.0	24	2	2	2.5	4.0								
19	151	4	4	10.5	14.5	120	9	2	14.0	20.0	96	15	4	11.0	16.5	81	8	6	13.0	20.0	59	12	9	6.0	10.0	65	6	3	7.0	15.0	44	3	5	5.0	7.5	24	2	2	2.0	3.5								
20	153	2	6	9.0	14.5	124	4	4	11.0	15.5	98	10	2	12.0	19.0	83	11	4	6.5	11.0	61	14	9	9.5	14.0	65	4	6	8.0	12.5	38	8	3	4.5	7.0	24	0	2	2.0	3.5								
21	152	3	3	11.0	16.0	126	4	4	12.0	17.0	102	8	2	8.0	13.0	85	10	6	8.0	13.0	64	15	12	9.0	15.0	67	6	4	5.5	12.0	38	8	4	3.5	5.5	22	2	0	2.0	3.5								
22	151	2	4	12.0	17.5	128	2	6	9.5	13.5	104	6	4	10.0	16.5	87	6	8	8.0	13.0	63	20	8	6.0	12.0	55	7	4	5.5	9.0	40	7	6	4.5	7.0	22	2	0	1.5	3.0								
23	151	4	4	10.0	14.0	128	2	4	15.0	20.5	104	8	6	11.0	17.0	87	8	7	15.5	22.5	64	18	9	5.5	11.0	53	9	3	4.5	9.0	38	5	4	3.0	6.0	24	0	2	1.5	3.0								

F_{om} = median value of effective antenna noise in db above ktb
D_u = ratio of upper decile to median in db
D_l = ratio of median to lower decile in db
V_{dm} = median deviation of average voltage in db below mean power
L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Ohira, Japan

Lat. 35.6 N Long. 140.5 E

Month April

19 64

Hour (LST)	Frequency (Mc)																																								
	.013			.051			.160			.495			2.5			5			10			20																			
	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}														
00	155	2	2	10.0	140	130	4	2	10.0	145	111	4	5	6.5	10.0	90	6	4	6.0	80	61	6	4	4.5	80	57	6	4	4.5	75	41	2	4	3.5	60	24	0	0	1.0	2.5	
01	155	2	2	11.5	150	132	2	4	9.0	145	111	5	7	7.5	12.0	90	7	4	6.5	100	61	6	4	4.5	75	57	4	4	4.5	75	43	10	6	5.0	70	24	0	0	1.0	2.5	
02	155	4	4	10.0	150	132	2	3	10.0	145	109	6	0	9.0	130	88	9	3	7.5	11.5	61	6	6	4.5	75	57	4	4	4.5	75	43	10	6	3.5	60	24	0	0	1.0	2.5	
03	157	2	5	10.5	150	132	2	3	10.0	150	109	7	2	7.5	11.5	86	9	2	8.0	135	61	6	8	5.0	80	67	6	2	7.0	110	39	8	6	4.0	65	24	0	2	1.0	2.5	
04	157	2	4	11.0	160	132	2	3	9.5	140	107	4	4	7.5	10.5	82	8	5	8.0	130	61	6	8	5.0	90	63	6	6	7.0	100	35	12	4	2.5	45	24	0	2	1.0	2.5	
05	155	3	3	11.5	165	134	3	4	10.0	150	96	7	5	7.5	11.5	66	15	8	10.0	135	57	8	8	6.0	90	59	6	4	6.0	90	41	12	6	5.0	70	24	0	2	1.0	2.5	
06	157	3	2	10.5	150	120	5	5	9.5	145	89	9	8	12.5	180	60	5	5	6.0	90	47	8	2	6.0	90	49	6	6	4.0	80	39	22	4	4.5	75	24	0	2	1.5	3.0	
07	157	4	2	12.5	170	115	8	7	16.0	220	85	11	9	14.0	190	58	7	4	2.5	45	43	4	4	5.5	95	39	6	2	7.0	100	41	14	8	5.5	80	24	2	0	1.5	3.0	
08	153	3	4	14.0	190	110	11	6	16.5	230	83	12	10	10.5	140	62	8	6	4.5	65	41	2	2	7.0	100	37	4	4	6.0	90	37	12	6	5.5	90	24	2	0	1.5	3.0	
09	154	4	2	13.5	185	112	6	7	14.5	200	79	15	6	7.5	12.0	62	10	6	4.5	65	39	5	1	6.0	100	33	4	1	6.0	80	31	10	3	4.5	75	24	0	2.0	4.0		
10	153			14.5	190	114	8	4	12.5	185	83	12	12	12	6	61	9	5	9.5	145	39			8.0	105	33	6	2	8.0	110	31	7	4	6.0	90	24	2	2.5	4.5		
11	157	2	4	14.5	190	113	7	3	12.5	200	85	6	14	15.0	175	60	13	4	4.0	60	39	2	2	6.5	95	33	6	2	6.5	95	27	6	2	5.0	70	24	4	2	2.0	4.0	
12	154	1	5	15.0	200	116	7	6	16.0	225	83	12	12	7.0	85	60	10	2	7.0	100	39	0	2	7.0	100	31	6	2	6.0	95	27	10	2	5.0	70	24	4	2	4.0	5.5	
13	153	4	4	14.0	185	118	6	4	12.5	185	83	12	8	12.0	180	61	15	3	4.0	65	39	4	2	7.0	100	31	8	2	6.5	90	31	8	6	6.0	80	26	4	4	2.5	4.5	
14	153	4	2	12.0	175	118	8	4	11.0	160	81	15	6	11.0	160	60	14	2	5.5	130	39	4	2	7.0	95	33	7	2	6.0	90	33	7	2	5.5	90	28	2	4	4.0	6.0	
15	155	2	2	11.0	160	118	6	6	10.0	150	81	14	8	8.0	120	60	10	4	9.0	115	39	4	0	8.0	110	37	6	4	7.0	95	37	2	4	5.5	90	26	4	2	2.5	4.5	
16	155	4	2	9.5	145	116	6	8	9.5	140	83	12	10	7.5	105	60	8	4	2	6.0	85	41	4	2	6.0	85	42	9	5	6.0	90	39	6	2	5.0	90	28	2	2	3.0	5.0
17	155	4	2	9.0	140	114	8	6	11.0	150	85	8	8	12.5	120	68	8	6	7.0	120	43	4	2	7.0	100	53	6	4	7.0	120	44	4	4	4.0	70	28	2	4	4.0	5.5	
18	155	2	2	13.5	120	120	6	8	9.5	135	96	11	7	11.5	155	78	9	6	8.0	125	57	6	4	5.5	95	63	6	8	9.5	135	45	4	4	4.0	70	28	2	4	3.0	5.0	
19	157	1	4	9.0	135	125	6	6	10.0	145	103	10	8	9.0	120	84	11	4	10.0	135	61	6	10	6.5	105	68	7	9	8.0	125	45	4	2	4.5	75	26	4	4	2.0	4.0	
20	157	2	2	10.0	135	128	4	4	9.0	130	107	6	6	6.5	110	88	5	6	8.0	120	61	8	6	6.0	100	69	6	6	6.0	95	43	8	2	4.0	65	24	2	2	1.5	3.0	
21	157	2	2	9.5	130	130	4	4	18.0	140	109	6	6	7.0	110	90	6	7	6.0	100	65	4	6	5.0	85	71	6	10	8.0	125	41	8	4	3.5	60	24	0	2	1.5	3.0	
22	157	4	2	10.5	150	130	4	4	8.0	130	109	6	4	7.0	115	92	4	6	5.5	90	67	4	6	5.0	85	57	6	2	4.5	75	41	4	6	3.5	60	24	0	2	1.5	2.5	
23	155	3	2	10.0	150	130	3	3	9.5	140	110	4	5	8.5	115	90	6	5	5.0	90	65	6	6	3.5	65	59	6	4	4.0	70	41	6	4	4.0	60	24	0	0	1.0	2.5	

F_{am} = median value of effective antenna noise in db above ktb
D_l = ratio of upper decile to median in db
V_{dm} = ratio of median to lower decile in db
V_{dm} = median deviation of average voltage in db below mean power
L_{dm} = median deviation of average logarithm in db below mean power

Hour (ST)	Frequency (Mc)																														
	.013			.051			.160			.495			2.5			5			10			20									
	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}	F _m	D _f	V _{dm}	L _{dm}							
00	156	5	6	10.5	16.0	*	85	13	6	10.0	15.0	60	11	4	7.0	11.0	56	5	4	7.0	10.5	42	5	4	4.5	6.0	25	2	0	1.0	3.0
01	154	7	4	10.5	15.5	*	85	14	7	9.5	14.0	60	13	4	8.5	13.5	54	5	4	5.0	8.5	42	4	4	4.5	7.0	25	2	0	1.5	4.0
02	154	7	2	11.5	15.5	*	85	12	8	7.5	12.0	60	17	6	5.0	9.5	54	8	4	6.0	9.5	41	5	5	4.0	7.0	25	2	0	1.5	3.5
03	154	6	2	11.5	16.0	*	83	16	7	8.0	13.0	59	12	5	6.5	11.0	55	18	5	5.0	8.5	40	4	6	3.5	6.0	25	3	1	1.0	3.0
04	154	6	2	13.0	18.0	*	103	2	26	8.5	13.5	73	16	11	9.5	15.0	55	12	5	7.0	7.0	38	4	5	3.0	5.5	25	2	0	1.5	3.5
05	154	3	3	12.0	17.5	*	85	20	8	10.0	13.5	57	25	2	3.0	5.0	48	7	6	8.0	13.0	50	8	4	4.5	6.5	25	2	1	1.5	4.0
06	152	5	3	11.5	17.0	*	81	20	10	14.0	20.0	81	20	4	14.0	20.0	44	7	2	8.5	13.0	44	12	6	5.0	8.0	25	3	2	2.5	4.5
07	152	5	2	12.0	17.5	*	84	22	12	12.0	18.0	60	13	5	3.5	5.5	40	9	0	9.0	13.0	44	8	10	4.5	6.0	27	1	2	2.0	3.5
08	154	4	5	14.0	20.0	*	85	19	11	16.5	23.0	85	19	4	3.0	5.0	40	6	0	7.0	11.0	38	11	4	6.5	8.5	25	4	1	2.5	4.5
09	152	6	2	15.0	21.0	*	83	18	10	19.0	27.0	65	20	7	30.0	28.5	40	4	0	7.0	10.5	38	8	4	9.0	12.0	26	3	3	2.0	4.0
10	152	*	*	15.5	21.0	*	87	16	11	19.0	26.0	63	24	6	7.0	10.0	40	*	*	10.0	16.0	32	3	4	3.5	5.5	25	2	2	2.0	3.5
11	152	6	2	16.5	21.5	*	80	23	9	19.0	24.0	62	21	5	3.5	5.5	40	4	0	6.0	9.5	38	5	4	10.5	14.0	28	4	0	2.0	3.5
12	152	6	4	16.0	21.5	*	78	28	7	13.0	17.0	60	22	3	11.0	17.0	40	4	2	7.0	9.5	38	8	6	9.0	11.0	28	6	0	4.5	6.0
13	152	5	3	15.0	20.0	*	83	20	11	13.0	14.5	63	22	6	9.0	14.0	40	4	0	7.0	10.0	38	6	4	8.0	12.0	32	5	4	4.0	6.0
14	154	4	5	14.0	20.0	*	85	28	13	14.5	15.0	63	30	7	19.5	25.5	40	10	0	7.0	10.0	38	12	6	7.0	10.0	34	6	2	5.0	8.0
15	154	6	3	12.5	18.5	*	88	22	14	13.5	18.5	61	38	4	11.5	16.0	40	18	2	8.5	11.5	40	9	6	7.5	10.5	38	4	6	4.0	8.5
16	156	3	4	11.0	16.5	*	84	28	11	15.0	19.5	61	32	4	9.0	14.5	44	10	4	7.5	10.5	43	14	5	7.0	11.0	42	5	4	6.5	11.5
17	156	3	4	10.5	16.0	*	81	30	8	12.0	18.0	63	24	4	10.0	15.0	44	14	4	10.0	14.0	48	12	9	11.0	19.0	44	7	3	4.0	6.0
18	154	4	3	10.0	15.0	*	87	24	7	12.5	17.0	71	9	6	14.0	13.0	48	17	4	10.0	15.0	55	11	7	9.0	14.5	46	6	4	6.0	9.0
19	154	6	2	9.0	14.0	*	99	13	6	11.5	18.0	80	21	7	10.0	16.5	54	18	4	11.0	17.0	62	12	9	9.5	14.5	48	4	4	5.5	8.0
20	156	4	4	10.0	15.5	*	104	12	6	8.5	13.0	83	15	6	10.0	15.0	56	19	2	6.5	12.5	63	12	9	7.0	11.5	46	6	4	6.0	9.5
21	158	2	6	10.5	15.5	*	107	10	6	8.0	13.0	85	9	6	8.0	13.0	60	15	4	6.5	10.5	64	15	9	6.0	10.5	44	6	3	3.5	7.5
22	156	5	4	10.5	15.0	*	107	9	4	11.5	16.0	85	9	6	10.0	14.0	60	10	4	7.0	11.0	44	10	3	6.0	10.0	27	2	2	2.0	4.0
23	156	6	5	11.0	15.5	*	107	11	5	9.0	14.0	85	18	6	8.0	13.5	60	10	4	9.0	14.5	56	6	2	6.0	10.0	44	3	3	5.5	9.0

F_m = median value of effective antenna noise in db above ktb

D_f = ratio of upper decile to median in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Pretoria, S. Africa Lat. 25.8 S Long. 28.3 E Month March 19 64

LST	Frequency (Mc)																																					
	.013			.051			.160			.495			2.5			5			10			20																
	Fam	Du	D _g	Vdm	Ldm	Fam	Du	D _g	Vdm	Ldm	Fam	Du	D _g	Vdm	Ldm	Fam	Du	D _g	Vdm	Ldm	Fam	Du	D _g	Vdm	Ldm													
00	159	4	5			137	7	8			119	6	8			101	4	10			68	9	7			54	5	4			40	5	7			20	0	4
01	158	6	3			135	8	4			116	8	12			99	6	10			66	11	8			54	4	2			39	3	5			20	0	4
02	158	6	3			135	8	8			114	6	12			97	5	9			66	9	6			54	4	3			34	8	2			20	0	4
03	159	2	4			135	6	8			112	6	12			95	6	6			68	5	7			54	4	5			34	6	2			20	0	4
04	157	4	3			133	6	6			109	10	7			93	5	10			68	5	5			54	2	6			32	2	2			20	0	4
05	157	4	4			129	9	5			106	10	10			91	6	8			67	7	5			54	4	5			32	2	0			20	0	4
06	155	4	2			126	10	7			98	13	17			67	2	8			56	10	7			48	6	5			38	2	4			20	0	4
07	155	3	4			123	11	8			89	20	9			65	20	8			44	16	4			42	9	6			38	3	2			20	2	4
08	155	2	6			123	12	10			87					63	18	4			44	10	6			38	10	7			38	0	6			20	2	4
09	153	4	3			122	9	15			86	23	9			63	18	4			43	6	4			35	5	9			32	4	6			20	4	2
10	153	6	4			121	8	11			87	13	8			63	17	4			44	2	4			34	6	7			32	5	5			22	0	4
11	153	6	4			122	8	8			88	14	8			66	16	7			44	4	4			32	6	8			31	7	5			22	0	5
12	157	4	4			129	7	8			93	13	10			73	24	12			44	13	5			34	6	9			32	8	3			22	4	4
13	161	4	4			135	8	9			112	12	26			91	14	28			50	14	8			38	8	8			36	6	6			24	4	6
14	163	6	4			137	10	7			114	13	27			93	14	22			55	13	11			44	13	10			40	7	8			24	6	4
15	165	5	4			141	10	9			120	8	30			95	13	22			58	10	12			46	10	8			42	7	6			26	4	4
16	165	6	4			141	8	12			120	8	9			99	10	14			61	11	11			52	6	12			44	6	2			26	6	4
17	165	5	6			140	9	11			118	10	20			93	17	15			68	8	12			56	6	7			46	4	2			26	7	4
18	163	8	4			141	8	11			121	11	12			98	13	13			72	4	11			58	6	4			46	4	1			24	4	4
19	163	8	4			139	10	8			118	10	10			103	9	13			76	5	10			60	4	4			46	2	2			22	4	5
20	163	8	5			139	9	7			120	9	9			105	7	12			74	6	7			57	5	4			44	4	4			20	2	4
21	163	5	6			139	8	10			120	10	9			105	7	13			72	6	6			56	4	4			42	4	2			19	3	3
22	161	7	6			138	8	9			118	10	14			103	8	12			70	10	6			56	5	4			41	6	5			18	2	2
23	159	7	4			139	6	10			118	8	14			101	8	10			70	9	8			56	4	4			42	2	4			20	2	4

Fam = median value of effective antenna noise in db above ktb
 Du = ratio of upper decile to median in db
 D_g = ratio of median to lower decile in db
 Vdm = median deviation of average voltage in db below mean power
 Ldm = median deviation of average logarithm in db below mean power

Hour (LST)	Frequency (Mc)																							
	.013			.051			.160			.495			2.5			5			10			20		
	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm	Fam	Du	Ldm
00	159	9	6	131	19	7	108	16	10	96	12	6	64	12	6	53	7	12	34	20	4	22	6	2
01	159	10	6	131	18	6	115	13	15	96	12	8	65	12	8	49	10	12	38			21	4	1
02	159	7	8	129	14	4	107	11	6	94	13	7	63	13	7	49	9	14	36			20	4	0
03	157	6	6	129	15	6	109	10	8	94	10	8	65	10	8	50	7	15	32			20	4	0
04	159	4	7	131	10	8	109	6	10	94	8	10	64	8	10	51	5	16	32	4	4	20	4	0
05	159	5	8	131	7	10	107	11	9	88	11	9	63	8	11	51	2	21	32			20	4	0
06	157	5	7	125	12	10	93	24	6	66	24	6	60	10	17	47	7	17	35			22	2	2
07	155	6	9	124	13	14	97	29	3	63	29	3	50	12	10	41	10	13	37			22	3	0
08	155			123			95			66	14	4	44	14	4	39			32			24		
09	155	8	8	122	17	19	86	19	6	66	19	6	44			36			34			22	3	2
10	156	6	9	122	15	16	99	16	10	70	16	10	43	9	3	35	10	8	29			22	5	3
11	156	5	11	125	10	18	95	24	5	65	24	5	42	10	2	37			28			22	4	4
12	157	4	10	125	16	16	89	30	14	64	34	5	44	12	4	31	14	6	28	9	8	24	5	4
13	159	4	11	127	16	17	99	40	7	65	40	7	44	19	4	33			32			24	2	4
14	161	6	10	133	13	20	94	33	19	76	34	16	44	25	5	37	15	11	34	10	10	26	5	4
15	163	4	9	131	17	16	113	31	16	76	31	16	46	22	6	41	21	15	40			26	6	6
16	163	11	8	131	18	19	102	25	25	70	36	10	44	32	8	45	19	15	40	8	2	28	4	7
17	161	8	7	133	17	22	115	17	24	90	17	24	57	21	15	49	12	12	41			26	2	2
18	161	8	8	133	18	21	105	26	16	93	16	15	66	10	15	52	9	14	40	10	2	22	7	2
19	161	6	8	133	16	15	108	15	10	96	15	10	70	11	16	52	9	13	37			22	3	4
20	161	10	6	133	19	13	111	22	10	98	16	8	67	13	9	51	8	12	36	8	6	22	0	4
21	161	10	6	133	16	11	113	13	12	99	13	12	68	10	8	52	9	10	35			22	3	2
22	161	9	6	131	18	7	111	13	12	98	13	12	66	12	6	51	10	16	37	9	6	22	4	2
23	159	9	4	131	16	7	111	14	10	98	14	10	64	16	6	54	4	18	38			22	2	2

Fam = median value of effective antenna noise in db above ktb
 Du = ratio of upper decile to median in db
 D_L = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Pretoria, S. Africa Lat. 25.8 S Long. 28.3 E

Month May

19 64

F ₀ (Hz)	Frequency (Mc)																							
	.013			.051			.160			.495			2.5			5			10			20		
	F _{0m} [#]	D _u	L _{dm}	F _{0m} [#]	D _u	L _{dm}	F _{0m} [#]	D _u	L _{dm}	F _{0m} [#]	D _u	L _{dm}	F _{0m} [#]	D _u	L _{dm}	F _{0m} [#]	D _u	L _{dm}	F _{0m} [#]	D _u	L _{dm}	F _{0m} [#]	D _u	L _{dm}
00	155			124			87						60			60			32			23		
01	155			124			87						59			60			31			22		
02	155			126			85						59			58			34			22		
03	155			124			87						57			58			30			21		
04	155			122			85						57			58			34			21		
05	155			122			85						55			60			32			21		
06	153			116			61						55			56			37			23		
07	153			109			59						42			44			36			22		
08	151			104			61						39			40			32			24		
09	149			104			60						39			42			28			23		
10	151			106			61						43			42			28			23		
11	151			108			61						43			38			28			23		
12	153			111			61						43			38			28			23		
13	154			114			61						43			38			28			23		
14	157			116			60						43			42			30			26		
15	157			116			60						43			40			34			27		
16	157			118			60						43			44			38			26		
17	157			116			65						45			52			42			27		
18	155			116			80						52			56			44			23		
19	157			123			87						59			58			40			23		
20	157			124			89						59			60			34			23		
21	155			125			90						61			60			34			23		
22	156			126			89						62			60			38			23		
23	156			124			87						59			58			34			23		

F_{0m} = median value of effective antenna noise in db above ktb
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

Hour (ST)	Frequency (Mc)																							
	.013			.051			.160			.495			2.5			5			10			20		
	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}	F _{am}	D _z	V _{dm}
00	148	6	4	122	6	6	109	6	4	83	11	5	58			54	2	4	30	6	4	36		
01	148	4	2	122	4	5	107	6	4	82	9	6	62	9	8	52	2	6	30	16	8	35		
02	148	4	4	122	6	4	107	6	4	80	8	6	58			42	2	9	30			32		
03	148	5	6	122	3	5	107	6	7	82	7	8	58	15	6	54	9	11	32	16	8	35		
04	148	4	4	122	2	6	105	6	4	80	10	6	54			31			31			34		
05	148	5	5	121	4	5	103	9	5	80	7	8	64	11	17	52	11	8	32	8	6	33		
06	148	4	4	118	6	2	97	12	8	70	14	8	55			50			28			35		
07	148	2	7	116	3	7	91	14	8	63	15	9	52	12	10	44	15	17	30	10	7	38		
08	144	4	4	112	6	6	97	4	10	64	8	10	46			36			30			33		
09	144	5	5	110	4	10	96			62			38			30			28			37		
10	143	7	8	108	12	8	95	4	8	56	12	2	40			24	6	2	26	7	4	34		
11	145	6	7	110	11	10	94	4	5	58	8	6	43	4	8	24	10	2	26	11	9	33		
12	144	6	2	112	6	8	91	6	11	60	12	4	45	6	7	26	6	6	25	11	8	39		
13	148	3	8	110	11	8	93	5	6	58	18	5	46	11	4	28	6	6	28	17	6	35		
14	146	4	4	112	10	12	93	4	11	56	6	4	45	11	5	26	10	6	30			35		
15	148	4	6	112	12	7	93	8	7	56	11	2	48	13	8	28	12	2	32	15	10	35		
16	148	4	4	112	12	8	93	8	6	60	14	6	48			34			34	16	8	33		
17	148	4	5	114	8	10	93	5	6	62	9	7	52	14	6	39	12	12	34	12	2	33		
18	148	4	4	113	7	7	95	8	6	76	10	6	51			46			36	9	7	31		
19	146	7	5	118	7	5	99	8	9	80	8	5	61	9	9	52	9	4	38	7	7	32		
20	148	4	6	118	6	2	103	6	8	84	3	4	56			50	8	2	34	6	4	33		
21	148	4	5	119	7	4	105	7	4	84	6	4	60	13	7	54	7	5	36	10	7	32		
22	148	4	4	122	4	6	105	6	4	84	6	6	59			52			34			31		
23	148	6	4	122	4	5	105	6	4	82	10	3	60	12	8	56	9	7	32	15	7	31		

F_{am} = median value of effective antenna noise in db above ktb
 D_z = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Rabat, Morocco

Lat. 33.9 N Long. 6.8 W

Month April

19 64

Hour (ST)	Frequency (Mc)																													
	.013			.051			.160			.495			2.5			5			10			20								
	F _m	D _g	V _{dm} -d _m	F _m	D _g	V _{dm}	L _{dm}	F _m	D _g	V _{dm}	L _{dm}	F _m	D _g	V _{dm}	L _{dm}	F _m	D _g	V _{dm}	L _{dm}	F _m	D _g	V _{dm}	L _{dm}	F _m	D _g	V _{dm}	L _{dm}			
00	149	2	2	123	5	3		106	6	4		81	8	6		58	4	6		53	4	4		30	5	6		41	7	5
01	149	4	2	122	6	2		104	8	2		81	8	4		56	6	6		55	4	4		30	4	8		41	9	7
02	149	4	2	122	4	2		106	6	6		81	6	6		56	6	4		54	5	5		27	11	5		41	6	8
03	149	3	9	122	4	6		106	4	4		81	6	6		56	5	6		53	6	4		26	6	6		42	4	8
04	149	2	2	122	4	2		107	5	7		81	8	8		54	10	4		53	4	6		20	10	8		42	8	5
05	149	4	2	120	6	2		100	12	10		77	9	13		54	6	6		51	2	6		24	14	4		42	6	5
06	149	4	2	118	8	6		92	8	6		60	11	6		52	6	6		47	6	6		28	6	5		42	5	7
07	147	2	2	114	6	6		96	8	8		55	17	2		42	10	4		39	12	8		28	12	10		42	6	7
08	147	2	4	108	8	6		94	10	6		59	18	4		40	16	4		31	6	8		26	12	8		40	6	6
09	145	4	2	106	9	4		94	6	5		61				36	6	2		27	8	5		24	12	8		40		
10	145			100	8	6		94	9	7		57	10	4		36	6	2		26				22	9	2		40	10	7
11	146	3	3	112	9	6		98	6	12		55	22	2		36	8	2		22	15	1		20	10	2		38	12	6
12	147	4	2	112	6	2		93	7	10		59	13	4		42	5	4		24	14	3		21	12	5		38	13	6
13	147	4	2	114	8	4		94	10	8		59	24	6		40	8	4		26	10	5		20	6	8		38	16	4
14	149	4	6	116	10	6		96	10	14		56	34	3		40	10	4		29	13	6		29	8	11		40	11	8
15	149	4	10	118	13	8		94	16	9		57	33	2		42	10	5		31	12	8		32	8	10		40	8	6
16	149	6	4	117	17	7		94	16	12		61	27	6		46	12	10		31	12	6		34	6	10		40	6	6
17	149	6	2	116	17	8		94	14	10		60	32	7		47	11	5		38	11	5		37	5	9		40	8	6
18	149	4	2	115	9	13		94	12	8		72	13	16		52	10	8		46	5	9		38	10	10		40	7	6
19	148	3	3	118	6	6		101	7	5		81	4	6		55	13	5		49	6	6		36	12	9		40	14	4
20	147	4	2	122	4	4		104	4	4		83	6	4		58	6	6		49	8	6		32	10	6		40	6	8
21	149	4	6	122	4	6		108	4	10		84	7	5		56	8	4		51	6	8		34	12	6		42	4	8
22	148	3	1	122	6	4		106	4	6		85	2	6		56	10	4		51	6	6		31	7	5		42	4	8
23	149	4	2	122	4	2		104	4	6		83	6	2		56	6	2		51	4	4		30	8	6		42	4	10

F_m = median value of effective antenna noise in db above ktb
 D_g = ratio of upper decile to median in db
 D_g = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

Hour (LST)	Frequency (Mc)																							
	.013			.051			.160			.495			2.5			5			10			20		
	F _{om}	D _z	V _{dm}	F _{om}	D _z	V _{dm}	F _{om}	D _z	V _{dm}	F _{om}	D _z	V _{dm}	F _{om}	D _z	V _{dm}	F _{om}	D _z	V _{dm}	F _{om}	D _z	V _{dm}	F _{om}	D _z	V _{dm}
00	148	6	4	122	6	6	109	6	4	83	11	5	54	2	4	30	6	4	36			36		
01	148	4	2	122	4	5	107	6	4	82	9	6	52	2	6	30	16	8	35			35		
02	148	4	4	122	6	4	107	6	4	80	8	6	42	2	9	30			32			32		
03	148	5	6	122	3	5	107	6	7	82	7	8	54	9	11	32	16	8	35			35		
04	148	4	4	122	2	6	105	6	4	80	10	6	54			31			34			34		
05	148	5	5	121	4	5	103	9	5	80	7	8	64	11	17	32	8	6	33			33		
06	148	4	4	118	6	2	97	12	8	70	14	8	55			28			35			35		
07	148	2	7	116	3	7	91	14	8	63	15	9	52	12	10	30	10	7	38			38		
08	144	4	4	112	6	6	97	4	10	64	8	10	46			30			33			33		
09	144	5	5	110	4	10	96			62			38			28			37			37		
10	143	7	8	108	12	8	95	4	8	56	12	2	40	6	2	26	7	4	34			34		
11	145	6	7	110	11	10	94	4	5	58	8	6	43	4	8	24	10	9	33			33		
12	144	6	2	112	6	8	91	6	11	60	12	4	45	6	7	26	6	6	39			39		
13	148	3	8	110	11	8	93	5	6	58	18	5	46	11	4	28	6	6	35			35		
14	146	4	4	112	10	12	93	4	11	56	6	4	45	11	5	26	10	6	35			35		
15	148	4	6	112	12	7	93	8	7	56	11	2	48	13	8	28	12	2	35			35		
16	148	4	4	112	12	8	93	8	6	60	14	6	48			34	16	8	33			33		
17	148	4	5	114	8	10	93	5	6	62	9	7	52	14	6	39	12	2	33			33		
18	148	4	4	113	7	7	95	8	6	76	10	6	51			46			31			31		
19	146	7	5	118	7	5	99	8	9	80	8	5	61	9	9	52	9	4	32			32		
20	148	4	6	118	6	2	103	6	8	84	3	4	56			50	8	2	33			33		
21	148	4	5	119	7	4	105	7	4	84	6	4	60	13	7	54	7	5	32			32		
22	148	4	4	122	4	6	105	6	4	84	6	6	59			34			31			31		
23	148	6	4	122	4	5	105	6	4	82	10	3	60	12	8	56	9	7	31			31		

F_{om} = median value of effective antenna noise in db above ktb
 D_z = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Rabat, Morocco

Lat. 33.9 N Long. 6.8 W

Month April

19 64

Hour (ST)	Frequency (Mc)																																						
	.013			.051			.160			.495			2.5			5			10			20																	
	Fom	Du	Df	Vdm	Ldm		Fom	Du	Df	Vdm	Ldm		Fom	Du	Df	Vdm	Ldm		Fom	Du	Df	Vdm	Ldm		Fom	Du	Df	Vdm	Ldm										
00	149	2	2				123	5	3				81	8	6				58	4	6				53	4	4				30	5	6				41	7	5
01	149	4	2				122	6	2				81	8	4				56	6	6				55	4	4				30	4	8				41	9	7
02	149	4	2				122	4	2				81	6	6				56	6	4				54	5	5				27	11	5				41	6	8
03	149	3	9				122	4	6				81	6	6				56	5	6				53	6	4				26	6	6				42	4	8
04	149	2	2				122	4	2				81	8	8				54	10	4				53	4	6				20	10	8				42	8	5
05	149	4	2				120	6	2				77	9	13				54	6	6				51	2	6				24	14	4				42	6	5
06	149	4	2				118	8	6				60	11	6				52	6	6				47	6	6				28	6	5				42	5	7
07	147	2	2				114	6	6				55	17	2				42	10	4				39	12	8				28	12	10				42	6	7
08	147	2	4				108	8	6				59	18	4				40	16	4				31	6	8				26	12	8				40	6	6
09	145	4	2				106	9	4				61						36	6	2				27	8	5				24	12	8				40		
10	145						100	8	6				57	10	4				36	6	2				26						22	9	2				40	10	7
11	146	3	3				112	9	6				55	22	2				36	8	2				22	15	1				20	10	2				38	12	6
12	147	4	2				112	6	2				59	13	4				42	5	4				24	14	3				21	12	5				38	13	6
13	147	4	2				114	8	4				59	24	6				40	8	4				26	10	5				20	6	8				38	16	4
14	149	4	6				116	10	6				56	34	3				40	10	4				29	13	6				29	8	11				40	11	8
15	149	4	10				118	13	8				57	33	2				42	10	5				31	12	8				32	8	10				40	8	6
16	149	6	4				117	17	7				61	27	6				46	12	10				31	12	6				34	6	10				40	6	6
17	149	6	2				116	17	8				60	32	7				47	11	5				38	11	5				37	5	9				40	8	6
18	149	4	2				115	9	13				72	13	16				52	10	8				46	5	9				38	10	10				40	7	6
19	148	3	3				118	6	6				81	4	6				55	13	5				49	6	6				36	12	9				40	14	4
20	147	4	2				122	4	4				83	6	4				58	6	6				49	8	6				32	10	6				40	6	8
21	149	4	6				122	4	6				84	7	5				56	8	4				51	6	8				34	12	6				42	4	8
22	148	3	1				122	6	4				85	2	6				56	10	4				51	6	6				31	7	5				42	4	8
23	149	4	2				122	4	2				83	6	2				56	6	2				51	4	4				30	8	6				42	4	10

Fom = median value of effective antenna noise in db above ktb
 Du = ratio of upper decile to median in db
 Df = ratio of median to lower decile in db
 Vdm = median deviation of average voltage in db below mean power
 Ldm = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Rabat, Morocco

Lat. 33.9 N Long. 6.8 W

Month May

19 64

Hour (LST)	Frequency (Mc)																							
	.013			.051			.160			.495			2.5			5			10			20		
	F _m	D _g	V _{dm}	F _m	D _g	V _{dm}	F _m	D _g	V _{dm}	F _m	D _g	V _{dm}	F _m	D _g	V _{dm}	F _m	D _g	V _{dm}	F _m	D _g	V _{dm}	F _m	D _g	V _{dm}
00	150	2	4	126	4	8	107	4	9	83	3	4	59	4	4	55	6	6	34	12	6	30	8	3
01	150	2	4	125	3	6	107	4	8	81	6	4	57	8	2	55	6	4	32	13	6	28	9	2
02	150	2	3	126	4	6	107	4	6	81	5	4	57	4	4	57	2	6	30	9	6	30	7	3
03	150	2	4	124	6	4	107	5	5	81	4	2	57	6	2	53	4	6	28	7	5	28	9	2
04	150	2	4	124	6	4	102	5	7	79	4	4	57	4	6	47	6	4	26	8	4	29	7	3
05	148	4	2	122	4	2	95	6	8	65	12	8	54	6	4	47	3	4	28	10	6	28	8	1
06	148	4	2	117	3	5	86	9	8	59	9	5	49	6	6	41	7	4	35	10	12	30	9	3
07	146	4	4	112	8	8	85	4	7	56	4	1	47	11	7	33	4	6	34	7	12	30	7	3
08	146	4	4	108	8	6	89	4	14	59	8	4	43	8	6	27	8	4	32	8	10	29	16	1
09	146	4	4	110	9	8	89	4	8	59	9	4	37	6	4	25	4	6	28	8	8	28	10	3
10	147	3	4	112	8	6	93	2	12	59	6	6	37	5	4	23	11	2	26	8	10	28	6	5
11	147	3	3	115	7	5	91	6	7	59	14	6	35	7	2	23	4	4	24	7	6	26	12	3
12	149	3	4	118	8	7	93	15	11	64	21	10	37	8	4	23	7	4	24	9	6	26	10	2
13	150	4	5	124	5	11	99	12	16	69	24	6	39	6	6	27	8	6	28	6	6	28	12	3
14	152	2	4	126	7	10	103	11	16	83	12	26	41	7	8	31	8	8	30	5	6	30	12	3
15	152	5	4	128	6	12	111	6	24	91	6	34	37	7	12	37	7	12	32	6	7	30	10	4
16	154	2	6	130	6	11	109	10	21	91	11	29	47	12	9	40	9	15	34	8	5	32	7	4
17	154	2	6	130	9	12	111	11	21	87	15	28	35	12	13	45	10	15	38	4	5	30	5	2
18	152	4	6	126	13	11	107	13	22	77	20	19	55	12	7	47	8	9	40	8	4	32	6	3
19	150	2	6	124	9	7	98	14	10	79	16	6	59	6	8	49	6	7	42	8	7	32	9	5
20	148	6	4	126	7	7	103	14	4	83	10	5	61	6	5	49	6	6	42	9	10	32	5	8
21	150	2	6	126	6	7	109	7	5	84	7	16	61	4	6	49	4	6	42	8	12	28	9	2
22	150	2	6	126	5	9	107	5	6	85	2	7	59	8	4	49	6	4	38	9	9	28	9	2
23	150	2	4	126	4	9	107	6	9	83	4	4	57	7	2	49	6	5	32	14	4	29	8	2

F_m = median value of effective antenna noise in db above ktb
 D_g = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Saõ José, Brazil Lat. 23.3 S Long. 45.8 W Month January 19 64

Hour (ST)	Frequency (Mc)																																		
	.051			.113			.246			.545			2.5			5			10			20													
	Fam	Du	D _L	Vdm	Ldm	D _L	Fam	Du	D _L	Vdm	Ldm	D _L	Fam	Du	D _L	Vdm	Ldm	D _L	Fam	Du	D _L	Vdm	Ldm	D _L	Fam	Du	D _L	Vdm	Ldm	D _L	Fam	Du	D _L	Vdm	Ldm
00	127	6	12			118	8	16			102	10	16	85	10	10			66	10	10			57	8	7	43	6	10			22	8	0	
01	127	6	19			114	10	21			100	12	17	84	8	10			66	8	10			56	9	7	42	5	11			22	6	0	
02	129	4	22			114	11	22			100	12	18	81	8	14			64	8	14			55	8	6	42	5	13			22	2	0	
03	125	8	18			114	10	24			100	8	20	81	7	11			65	7	11			57	6	10	40	5	9			24	0	2	
04	126	5	18			113	11	25			98	8	21	82	8	12			64	8	12			59	10	12	37	6	8			24	2	2	
05	121	6	14			102	9	14			80	6	9	75	8	8			58	8	8			61	8	16	39	6	8			24	2	2	
06	116	9	18			97	10	6			78	4	6	76	6	8			48	6	8			61	8	18	39	4	6			24	2	2	
07	115	9	16			100	8	10			78	8	5	78	4	6			40	4	6			57	8	16	37	3	6			24	8	2	
08	116	7	16			100	12	8			80	7	5	78	12	4			36	12	4			49	6	16	36	5	6			24	2	2	
09	119	5	18			100	11	8			81	7	5	74	9	2			34	9	2			45	8	6	35	5	8			24	2	2	
10	121	4	23			104	8	12			80	8	4	74	3	2			32	3	2			39	6	4	33	5	6			23	3	1	
11	121	6	9			103	13	11			87	14	10	76	9	3			32	9	3			39	6	8	33	6	7			22	4	2	
12	120	11	9			106	12	8			92	16	12	85	16	4			34	16	4			38	8	7	34	5	7			26	4	2	
13	129	4	14			112	13	11			100	17	20	80	22	16			48	22	16			41	12	6	39	4	6			26	4	4	
14	133	3	14			120	7	15			102	14	23	84	21	17			49	21	17			45	10	8	41	4	4			28	4	4	
15	133	6	12			120	11	15			104	10	26	84	16	22			56	16	22			53	8	8	43	4	2			28	8	2	
16	131	8	10			115	14	11			102	12	24	84	12	16			54	12	16			53	6	8	45	4	4			30	6	6	
17	131	6	12			117	11	13			97	13	17	84	6	18			60	6	18			59	5	7	46	3	5			30	10	6	
18	129	6	10			115	9	13			95	11	13	84	4	10			64	4	10			59	10	6	45	6	4			28	8	4	
19	129	4	10			116	8	14			100	10	9	88	8	6			68	8	6			69	6	14	45	6	4			24	10	2	
20	131	4	8			118	10	8			104	8	14	87	6	10			72	6	10			67	6	10	45	6	6			24	8	2	
21	129	6	6			120	6	8			105	9	16	88	8	10			70	8	10			67	8	12	43	6	4			22	10	0	
22	129	6	8			121	7	9			104	10	12	89	8	8			68	8	8			67	12	12	43	6	6			22	10	0	
23	129	6	12			121	5	13			105	7	18	86	9	9			67	9	9			68	5	15	43	4	6			22	10	0	

Fam = median value of effective antenna noise in db above ktb
 Du = ratio of upper decile to median in db
 D_L = ratio of median to lower decile in db
 Vdm = median deviation of average voltage in db below mean power
 Ldm = median deviation of average logarithm in db below mean power

Hour (LST)	. 051			. 113			. 246			. 545			2.5			5			10			20														
	Fam	D _f	V _{dm}	Fam	D _f	V _{dm}	Fam	D _f	V _{dm}	Fam	D _f	V _{dm}	Fam	D _f	V _{dm}	Fam	D _f	V _{dm}	Fam	D _f	V _{dm}	Fam	D _f	V _{dm}												
			L _{dm}			L _{dm}			L _{dm}			L _{dm}			L _{dm}			L _{dm}			L _{dm}			L _{dm}												
00	134	6	8	8.5	140	109	6	13	8.0	150	92	6	12	5.0	80	64	6	7	5.5	90	59	11	9	5.0	60	44	4	5	4.5	70	25	10	2	2.5	40	
01	134	6	8	10.5	170	109	5	14	9.0	150	90	7	12	5.0	80	64	5	6	5.5	80	57	13	7	5.5	85	42	6	5	5.0	90	27	6	4	2.0	35	
02	136	2	10	10.0	185	105	8	12	9.0	145	90	7	12	6.5	105	64	6	6	7.5	40	61	11	10	3.5	80	42	5	6	6.0	75	27	4	4	2.0	35	
03	134	4	10	10.0	180	107	5	15	9.0	180	90	6	16	6.0	135	64	6	7	5.0	95	59	13	8	5.5	80	42	4	8	5.0	80	25	6	2	2.0	25	
04	134	6	11	10.0	190	107	5	10	10.5	155	90	4	14	6.5	105	64	6	9	7.0	140	63	14	7	6.0	105	38	6	6	4.0	75	25	6	2	1.0	25	
05	132	6	14	10.5	160	114	6	15	9.5	155	89	3	11	6.0	85	64	5	13	7.0	105	63	13	12	7.0	120	36	6	6	5.0	55	25	6	2	1.5	40	
06	124	6	12	130	190	102	6	12	11.5	150	86	6	10	5.0	100	52	4	13	11.0	160	71	5	21	7.5	140	40	6	6	6.0	75	27	6	4	2.0	30	
07	122	8	14	13.0	195	102	12	13	12	10.0	195	86	6	10	5.0	100	52	4	13	11.0	160	71	5	21	7.5	140	40	6	6	6.0	75	27	6	4	2.0	30
08	120	9	11	11.0	140	100	17	4	14.0	120	83	16	10	7.0	120	42	12	9	6.0	90	62	7	27	7.0	115	36	8	4	5.5	85	28	6	3	3.0	40	
09	120	11	7	9.0	140	104	9	12	10.0	95	81	18	5	9.5	150	36	10	3	5.0	90	53	6	9	6.0	105	36	8	6	7.0	85	27	8	2	2.0	40	
10	122	6	8	9.5	100	102	10	12	6.0	80	83	16	10	10.5	160	32	10	4	3.0	40	42	7	8	7.0	115	32	7	7	9.5	130	25	10	2	4.0	50	
11	26	6	8	9.0	140	106	16	8	150	170	85	20	8	11.5	155	34	16	5	6.5	95	41	4	4	7.5	130	34	4	6	8.5	135	27	4	4	4.0	70	
12	130	6	8	130	205	110	16	10	12.5	170	91	26	10	14.0	175	37	29	7	6.0	75	43	12	12	8.0	120	36	14	4	8.5	135	27	5	6	4.5	65	
13	133	13	7	9.5	115	118	17	9	9.0	140	100	28	14	11.5	145	42	34	11	12.5	170	47	13	8	7.0	100	40	12	3	11.0	160	29	12	4	6.0	75	
14	139	12	8	9.0	140	118	18	6	11.0	160	100	27	11	11.0	170	52	26	17	11.0	175	49	14	7	7.0	100	42	10	4	8.0	125	31	10	6	4.5	55	
15	136	14	4	9.0	150	122	18	10	11.5	155	103	26	14	9.0	175	48	28	12	8.0	130	51	12	5	6.0	90	46	10	6	6.0	100	31	12	4	5.0	70	
16	138	14	6	11.0	180	123	17	11	10.5	170	107	20	18	10.0	145	58	25	21	9.0	155	59	10	9	7.0	100	46	10	4	6.0	80	35	4	6	6.0	80	
17	136	13	6	9.0	145	121	11	9	10.0	135	103	20	14	8.5	145	61	16	20	8.5	150	63	6	8	6.5	100	46	4	4	6.0	90	31	10	2	6.0	90	
18	136	13	6	8.0	130	120	12	10	8.5	130	105	16	14	6.5	140	65	6	8	6.5	115	67	6	5	5.5	75	48	4	4	5.0	80	31	6	4	5.0	70	
19	138	8	9	7.5	105	122	9	9	7.0	120	109	13	9	5.5	115	70	6	5	7.5	110	73	4	13	5.5	80	46	6	2	6.0	100	30	7	5	4.0	65	
20	135	9	7	9.0	155	122	9	10	7.0	130	109	6	8	4.5	110	68	7	4	7.0	115	71	5	6	6.5	110	48	3	6	4.0	60	29	5	6	3.0	60	
21	136	7	8	9.0	150	122	7	8	6.5	115	109	8	8	7.5	130	96	6	4	5.5	85	73	2	8	6.0	100	45	4	5	5.0	80	29	2	6	3.5	40	
22	136	6	10	9.0	145	122	7	14	9.0	160	109	7	9	6.5	130	94	4	6	8.5	135	71	6	6	6.0	100	44	4	6	5.5	90	25	8	4	3.0	45	
23	134	6	9	9.0	150	120	8	10	8.0	140	109	6	10	8.5	160	94	2	13	6.5	100	73	5	14	6.5	120	43	5	7	5.0	80	25	13	4	3.0	30	

Fam = median value of effective antenna noise in db above ktb
 D_f = ratio of upper decile to median in db

V_{dm} = ratio of median to lower decile in db
 L_{dm} = median deviation of average logarithm in db below mean power

D_f = ratio of median to lower decile in db
 V_{dm} = median deviation of average logarithm in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station São José, Brazil

Lat. 23.3 S Long. 45.8 W

Month March 19 64

Hour (ST)	Frequency (Mc)																																							
	.051				.113				.246				.545																											
	F _{am}	D _g	V _{dm}	L _{dm}	F _{am}	D _g	V _{dm}	L _{dm}	F _{am}	D _g	V _{dm}	L _{dm}	F _{am}	D _g	V _{dm}	L _{dm}																								
00	142	5	8.5	14.5	120	6	7	8.0	130	105	6	6	7.5	125	90	4	4	5.0	8.5	61	6	6	5.0	9.5	69	11	8	3.5	7.5	34	8	8	5.0	6.5	25	7	4	1.5	1.5	
01	142	6	9.0	16.0	118	7	8	8.5	155	105	6	9	5.0	115	90	4	4	5.0	7.0	61	6	8	6.5	9.5	54	6	9	4.0	7.5	34	7	8	5.0	7.5	25	9	4	2.0	2.5	
02	142	4	9	10.0	155	120	5	8	9.0	130	103	6	8	5.5	115	84	6	4	2.5	9.0	61	6	9	4.5	8.5	54	5	12	6.0	11.5	32	7	9	4.0	6.5	25	10	4	2.0	2.0
03	142	5	11	10.0	160	118	6	11	6.0	115	101	7	10	5.5	120	89	3	7	4.0	9.0	59	8	10	6.0	11.0	49	10	11	5.5	9.0	30	7	10	3.5	5.0	23	4	2	1.5	1.5
04	132	8	7	8.0	150	116	8	13	5.0	110	101	4	14	6.0	125	86	5	6	4.5	10.0	59	9	10	5.5	10.0	49	10	9	5.0	9.5	27	9	6	1.5	2.5	23	4	2	2.0	2.0
05	132	9	10	9.0	155	115	8	14	6.0	120	96	8	11	5.5	110	88	4	8	4.0	9.0	59	8	11	5.0	8.5	59	10	18	6.0	13.0	27	6	6	3.0	3.5	23	4	2	2.0	2.0
06	128	6	12	9.5	150	98	16	5	4.0	110	77	6	6	8.0	130	85	7	9	4.0	11.0	53	10	11	5.0	9.0	65	8	15	7.0	10.0	29	12	10	3.0	4.0	25	5	4	1.5	1.5
07	124	8	8	9.5	140	96	10	8	2.5	6.0	75	8	4	5.5	100	84	4	12	5.5	7.5	41	8	11	4.0	7.5	59	4	16	2.5	6.0	29	10	13	6.0	9.0	24	3	3	2.0	2.5
08	124	8	9	8.5	115	98	10	6	3.0	3.5	77	5	8	8.0	100	84	7	11	3.0	5.0	37	7	11	5.0	6.0	51	8	11	5.0	9.5	26	11	6	8.0	11.5	25	6	4	1.5	2.0
09	123	7	21	9.5	130	102	10	14	7.0	100	77	11	9	7.5	125	86	6	11	5.5	10.0	33	4	6	6.0	7.5	47	6	17	3.5	7.5	26	6	6	6.0	9.0	25	6	4	1.5	2.0
10	124	6	12	7.0	2.0	101	7	9	3.0	4.0	76	5	5	8.0	120	84	6	6	8.5	15.0	33	4	5	6.0	7.5	39	6	4	2.8	10	28	10	12	7.0	11.0	25	4	2	1.0	1.5
11	123	7	5	11.0	130	102	7	8	4.0	6.5	77	7	6	11.0	150	84	5	9	6.5	12.0	33	5	6	7.5	9.0	37	6	6	5.0	9.0	28	10	7	7.0	11.0	25	4	2	1.0	1.5
12	126	7	8	11.5	150	104	12	6	4.0	6.0	79	18	5	9.0	130	84	8	12	6.0	10.0	33	12	6	7.0	8.5	39	6	6	4.5	7.5	30	9	5	7.0	10.5	27	4	4	3.0	4.0
13	130	8	5	11.5	150	108	12	7	4.5	7.5	84	20	13	10.5	110	84	8	4	7.0	14.5	35	13	6	7.0	13.5	41	6	9	6.0	9.0	36	6	12	6.0	10.0	29	3	5	4.0	5.0
14	134	11	4	8.0	130	113	12	10	6.5	7.5	87	21	12	6.5	150	84	12	4	5.0	10.5	35	28	6	10.0	14.0	45	8	12	8.0	13.5	38	7	9	6.0	9.5	29	4	4	4.5	6.0
15	134	10	6	8.5	115	114	20	14	6.5	9.5	87	32	12	130	99.5	84	16	6	4.5	10.5	37	30	6	8.0	14.0	47	12	6	5.5	10.0	39	10	11	5.0	9.0	33	7	6	3.5	5.0
16	134	10	6	9.0	130	114	11	12	7.0	10.0	89	22	14	10.5	16.5	86	14	4	8.0	15.0	39	33	6	5.5	7.0	53	6	8	6.5	11.5	43	6	12	5.5	7.0	33	10	4	4.0	5.5
17	134	8	8	9.0	140	114	8	13	8.0	130	91	24	16	8.0	130	84	16	4	8.5	11.5	47	19	11	7.5	130	59	7	8	6.0	10.0	43	7	9	6.0	10.0	31	13	2	7.0	8.5
18	134	6	8	10.0	145	116	8	15	9.0	140	99	8	10	9.5	160	88	8	8	6.0	9.5	61	6	12	5.0	9.0	67	7	8	6.0	10.0	42	9	9	6.0	120	29	9	2	4.5	6.5
19	135	7	7	9.0	130	118	7	8	8.0	130	101	8	6	8.0	125	90	5	8	5.5	100	67	5	9	5.5	8.0	67	4	9	5.0	8.0	42	6	7	5.0	7.0	27	7	2	3.5	3.5
20	136	6	6	9.0	150	120	9	7	7.5	130	105	7	9	7.5	130	92	5	8	5.0	100	67	4	12	60	90	7	6	4.5	9.0	42	8	13	4.5	7.0	26	9	3	3.5	4.0	
21	135	5	6	8.5	12.5	122	4	10	7.0	11.5	107	2	6	6.0	105	92	3	7	4.5	9.5	65	6	12	5.0	9.5	67	6	7	5.5	9.0	39	10	7	5.5	8.5	25	17	2	3.0	4.0
22	136	4	9	8.0	150	122	4	11	7.0	130	107	4	9	6.0	110	92	3	7	4.0	6.5	65	5	12	60	100	7	6	11	4.0	6.0	38	7	7	7.0	9.0	25	17	2	2.0	2.5
23	136	4	9	100	160	120	6	6	7.0	130	105	5	5	7.0	120	90	5	6	4.0	7.0	64	6	9	5.5	100	69	8	9	3.5	7.0	38	5	8	6.5	9.5	25	4	2	1.5	2.0

F_{am} = median value of effective antenna noise in db above k1b

D_g = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

Hour (ST)	.051						.113						.246						.545						2.5						5						10						20					
	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}	F _{av}	D _f	V _{dm} *	L _{dm}				
	Du	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du	Fom	Du	Du	Du
00	132	5	10	12.0	19.0	117	8	10	9.5	16.0	99	8	10	9.0	16.5	87	6	6	6.5	10.0	58	4	13	4.5	8.0	69	8	16	5.5	10.5	38	7	9	4.5	7.0	20	5	2	2.0	3.0								
01	132	6	10	11.0	17.5	116	11	11	9.0	16.0	98	9	9	10.5	15.5	86	5	7	5.5	9.5	58	6	15	4.0	6.0	51	4	10	5.0	7.5	36	9	8	5.0	6.5	22	3	4	3.0	5.0								
02	132	6	8	11.5	19.0	120	9	15	9.5	15.0	99	8	12	11.0	14.0	85	8	6	6.0	10.0	58	4	15	3.0	6.5	49	10	9	5.0	7.5	36	16	10	3.0	6.0	21	4	3	2.0	4.0								
03	132	8	10	11.5	16.0	119	8	14	9.0	14.0	97	10	10	9.0	16.5	84	7	7	4.5	8.5	56	6	12	5.0	9.0	49	10	9	4.5	5.0	36	6	10	5.5	8.0	20	4	2	3.5	5.0								
04	134	6	16	12.5	16.5	119	7	18	8.0	14.0	96	9	11	8.5	13.0	83	8	10	3.0	9.0	57	7	13	2.0	7.5	49	8	9	5.0	7.0	32	8	6	4.5	4.0	20	4	2	1.5	2.0								
05	134	8	16	10.5	15.0	115	11	20	11.0	16.5	91	12	10	8.0	12.0	85	4	12	5.0	7.5	54	11	12	4.0	7.5	54	13	17	5.0	8.0	30	6	4	4.0	6.0	22	2	4	1.0	2.0								
06	126	12	12	10.0	14.0	103	9	14	8.5	13.0	71	11	2	8.0	14.5	83	4	8	7.5	9.0	53	13	13	4.0	9.0	69	4	14	6.5	11.0	34	5	5	5.0	7.0	22	2	4	1.5	1.5								
07	124	10	12	10.0	15.0	97	10	8	6.5	7.0	73	8	6	6.0	8.0	81	6	6	6.0	7.0	44	12	16	4.5	7.0	63	4	16	4.0	8.5	36	10	10	4.5	8.0	22	4	4	3.0	4.5								
08	122	10	12	6.0	8.0	103	7	14	6.0	8.0	73	6	4	9.5	16.0	81	6	8	3.5	11.0	38	8	10	6.5	6.5	53	5	12	4.0	8.5	40	5	12	6.5	7.0	24	2	6	4.0	4.5								
09	120	12	9	8.0	12.0	103	7	12	7.5	8.0	75	8	8	6.0	10.0	34	4	8	6.0	10.0	34	4	2	5.0	7.0	49	4	17	3.2	14	7	6.0	8.0	22	15	4	2.0	3.5										
10	120	10	15	6.0	6.5	100	8	13	7.0	10.0	73	6	4	11.0	16.0	83	6	8	6.0	10.0	32	6	8	6.0	9.0	45	4	12	6.0	10.5	33	7	5	7.5	11.5	22	4	2	2.0	4.5								
11	120	10	12	8.5	12.5	97	10	8	6.0	10.0	75	10	6	7.5	12.0	85	6	10	6.0	10.0	30	6	2	6.5	9.5	43	6	10	5.5	10.0	34	12	6	5.5	4.0	24	2	2	4.0	6.0								
12	120	10	10	11.5	15.0	100	13	11	9.0	12.0	75	19	6	7.0	11.0	81	8	6	5.0	9.5	30	8	6	5.0	6.0	41	8	12	7.0	7.0	34	13	4	5.0	7.0	24	2	2	3.5	3.0								
13	124	9	8	10.0	13.5	101	10	7	7.5	12.0	75	16	6	7.5	13.0	83	8	8	4.0	7.5	32	5	5	3.0	4.5	41	9	11	3.5	8.0	34	13	4	5.5	7.0	24	5	2	3.5	5.0								
14	126	10	6	10.0	12.5	103	15	8	9.5	14.0	75	36	6	10.0	16.0	81	15	5	6.5	11.0	34	4	4	7.5	10.0	34	9	13	3.8	10	6	6.0	9.0	28	9	8	4.0	6.0										
15	128	9	7	8.0	13.5	107	28	13	7.0	16.0	80	40	8	11.0	19.0	81	18	2	8.0	9.0	37	25	8	5.0	6.0	49	14	8	4.0	6.0	40	16	6	4.5	7.0	28	16	5	4.0	6.0								
16	125	13	4	12.5	17.5	105	28	4	8.0	12.0	81	32	8	10.5	17.0	83	10	8	5.0	9.0	42	33	10	4.5	5.0	56	15	13	4.0	7.0	43	9	7	4.0	6.5	30	7	6	4.0	6.0								
17	126	17	6	10.5	15.0	107	24	8	8.5	10.0	83	25	8	9.0	13.0	81	17	9	8.5	9.5	51	15	15	5.0	8.0	53	4	18	3.0	5.0	46	6	13	5.0	7.5	28	4	4	3.0	5.0								
18	128	14	9	12.0	14.0	113	16	10	7.0	17.0	94	7	7	9.5	15.5	86	7	7	8.5	11.0	58	13	12	6.0	8.0	65	6	12	1.5	3.0	46	6	11	4.5	6.5	25	5	3	3.5	5.5								
19	130	10	6	10.0	16.0	117	10	8	8.0	15.0	97	10	6	16.0	15.0	87	6	4	6.0	10.5	64	6	15	4.0	7.0	64	7	13	5.0	9.5	414	8	9	4.0	7.0	26	4	6	2.5	3.5								
20	130	14	4	11.0	16.0	118	11	9	8.0	14.0	99	8	10	7.0	13.5	89	8	8	5.0	8.5	64	8	11	3.5	6.0	69	6	8	5.0	8.0	45	7	10	3.0	5.0	26	4	6	2.0	3.0								
21	130	12	4	10.0	13.5	115	10	6	9.0	14.0	103	2	12	9.0	15.0	89	4	6	6.0	8.0	62	8	7	5.0	9.0	67	7	5	4.5	8.5	42	8	8	4.0	6.5	24	4	4	2.5	3.5								
22	130	6	4	11.0	16.0	117	6	6	9.5	15.5	101	6	10	8.5	13.5	88	7	5	5.5	8.5	67	10	9	4.5	8.5	67	10	10	4.2	6	10	4.5	6.5	24	4	4	2.5	4.0										
23	130	12	6	11.0	16.5	118	11	9	7.5	14.5	99	12	8	10.0	15.0	87	8	4	6.5	7.5	60	7	9	5.0	8.5	67	6	12	3.5	9.0	40	6	10	3.0	6.0	24	4	4	4.0	3.0								

F_{av} = median value of effective antenna noise in db above ktb
 D_f = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm}* = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station São José, Brazil Lat. 23.3 S Long. 45.8 W

Month May

19 64

Hour (LST)	Frequency (Mc)																																			
	.051			.113			.246			.545			2.5			5			10			20														
	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm	Fom	D _f	Vdm									
00	129	13	5	11.0	17.5	11.3	12	8	9.0	13.0	89	7	3	7.0	10.5	61	7	8	7.0	9.0	43	8	12	6.0	8.0	74	8	11	2.5	4.5	25	8	2	1.0	2.5	
01	129	13	5	12.5	17.0	11.3	14	8	10.5	14.5	99	12	4	6.0	11.0	60	9	6	6.0	8.5	52	8	9	4.5	7.0	41	18	8	2.0	4.0	25	2	2	1.5	2.0	
02	129	15	6	13.0	19.0	11.3	14	8	8.0	12.5	98	14	4	5.0	6.0	58	8	4	8.0	11.5	52	4	12	4.5	7.5	39	24	6	2.0	3.0	25	2	2	1.5	2.0	
03	127	18	6	13.0	19.0	11.1	15	7	13.0	18.5	98	11	7	7.0	11.0	60	4	6	7.0	10.5	51	7	13	5.5	9.0	37	17	6	2.5	3.0	25	2	2	1.5	2.0	
04	129	15	8	12.0	18.5	10.9	14	6	9.5	15.0	94	12	6	6.5	12.0	60	6	6	8.0	10.0	50	6	14	5.0	7.0	36	13	7	2.5	3.0	25	2	2	1.0	2.0	
05	127	16	8	12.0	17.0	10.7	14	8	10.5	16.5	92	14	8	3.0	6.0	58	6	4	7.0	11.5	51	15	5	5.5	8.0	35	14	6	2.5	3.0	25	2	2	4.0	4.5	
06	123	18	6	12.0	17.5	10.1	20	8	11.0	15.0	84	15	7	8.5	10.0	56	8	2	9.0	11.5	54	20	10	6.0	8.0	35	6	4	6.0	7.5	25	2	2	6.5	7.5	
07	117	17	7	11.0	18.0	9.7	14	7	7.5	11.0	79	15	4	19	4.5	10.5	50	4	8	6.0	9.0	70	2	16	7.0	9.5	39	12	6	7.0	8.0	25	8	2	1.5	5.5
08	113	23	8	12.0	16.0	10.0	17	7	7.0	10.0	79	12	2	26	6.5	9.0	44	8	6	7.5	10.0	62	4	16	7.5	14.0	38	10	7	6.5	9.0	25	10	2	5.0	7.0
09	115	17	8	8.0	10.0	9.9	16	8	10.0	14.0	81	14	4	27	5.5	6.5	40	8	6	8.5	11.0	54	6	16	7.0	10.0	37	5	5	5.0	6.0	25	4	2	3.0	3.5
10	113	20	6	7.0	8.5	9.7	16	7	9.5	16.0	83	14	6	20	4.0	7.0	40	8	5	11.5	16.5	50	8	12	9.0	11.5	37	8	6	4.0	6.0	25	6	2	1.5	3.0
11	111	20	2	10.5	14.5	9.7	16	9	9.0	12.0	81	11	7	6.5	12.5	38	3	4	7.5	7.5	48	8	10	9.5	12.5	35	11	4	3.5	11.5	25	5	2	2.5	5.0	
12	117	18	8	10.0	12.5	9.8	18	9	8.5	12.5	81	13	7	13	8.0	10.0	38	8	4	6.0	8.0	48	5	11	7.0	11.0	37	8	6	5.0	7.5	25	6	2	2.0	3.5
13	123	13	14	11.5	16.0	10.1	14	8	9.5	11.5	81	14	4	10	7.0	8.5	38	15	4	3.0	5.0	48	8	12			37	12	8	4.0	6.0	27	6	2	2.5	3.5
14	125	12	14	12.5	16.5	10.1	12	9	10.0	14.0	79	18	2	4	5.0	12.0	40	10	5	3.0	5.5	52	5	14	6.5	8.5	39	6	8	5.0	7.0	27	6	2	3.0	4.0
15	123	16	10	10.0	13.0	10.1	18	8	11.0	12.5	81	20	4	8	3.5	12.5	42	10	8	7.0	7.5	48	8	16			41	6	6	4.0	6.0	29	6	4	2.5	4.5
16	125	14	13	10.5	13.0	9.9	18	7	7.0	9.5	83	11	6	3	6.0	11.0	46	6	8			60	8	12	7.0	10.0	45	6	6	2.5	4.0	29	6	4	3.0	4.5
17	123	15	11	10.5	14.0	10.1	16	6	7.0	8.0	86	14	6	5	6.0	13.0	52	8	6	6.0	7.5	68	6	17	4.0	6.0	47	11	8	2.5	5.0	27	6	2	4.0	6.0
18	127	10	10	10.5	14.0	11.3	8	14	8.0	11.0	97	11	11	7	4.0	7.0	60	8	4	5.5	7.0	68	7	12	8.5	15.0	49	10	10	3.0	5.0	25	8	2	2.0	3.0
19	131	8	10	11.0	15.0	11.5	6	14	8.5	13.0	99	11	8	6	5.0	6.0	60	12	2	6.5	9.0	65	11	15	4.5	7.5	49	12	12	3.0	6.0	27	6	4	2.0	3.0
20	131	9	10	9.5	14.0	11.3	10	9	7.5	12.0	93	4	7	5.5	9.5	62	9	6	4.5	6.0	72	8	20	7.5	11.0	47	12	10	3.5	5.0	27	7	4	1.5	2.0	
21	129	12	8	10.5	15.5	11.5	9	11	8.5	12.5	100	10	8	4	5.5	8.5	62	12	6	6.5	11.0	70	6	16	4.0	7.0	45	16	10	2.0	4.0	25	8	2	1.5	2.0
22	129	12	8	9.5	16.0	11.3	9	8	9.0	12.5	99	10	6	4	4.0	7.5	62	9	6	6.0	8.5	72	6	20	4.0	9.0	47	11	14	2.5	4.5	26	8	3	7.0	10.0
23	129	11	6	11.0	14.5	11.5	7	11	9.0	14.0	99	10	7	4	6.5	10.5	62	10	4	5.0	8.0	69	9	19			40	17	8	3.0	4.5	25	8	2	7.0	8.5

Fom = median value of effective antenna noise in db above ktb
 Du = ratio of upper decile to median in db
 D_f = ratio of median to lower decile in db
 Vdm = median deviation of average voltage in db below mean power
 Ldm = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Warrensburg, Mo. Lat. 38.7 N Long. 93.8 W Month March 19 64

Hour (LST)	Frequency (Mc)																		
	.013				.160				.495										
	F _{am}	D _f	V _{dm}	L _{dm}	F _{am}	D _f	V _{dm}	L _{dm}	F _{am}	D _f	V _{dm}	L _{dm}							
00	151	18	4							90	15	10							
01	151	17	4			107	17	11											
02	151	16	4			102	20	8											
03	153	11	5			103	17	8											
04	151	12	2			103	17	12											
05	151	11	2			99	19	11											
06	151	7	4			91	20	6											
07	149	9	5			91	26	6											
08	147	11	4			*87													
09	150	9	6			97	27	7											
10	149	10	6			91	32	6											
11	151	10	8			91	26	6											
12	151	4	6			93	24	8											
13	151	10	6			93	25	8											
14	151	14	6			92	24	7											
15	151	13	6			93	21	8											
16	151	11	7			91	23	6											
17	149	11	6			94	21	9											
18	149	9	4			105	15	16											
19	151	8	5			105	15	15											
20	153	8	7			105	22	12											
21	151	17	5			104	21	9											
22	151	17	5			105	20	9											
23	151	19	5			103	21	6											

F_{am} = median value of effective antenna noise in db above k1b
 D_f = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 L_{dm} = median deviation of average logarithm in db below mean power

Hour (EST)	Frequency (Mc)											
	.013				.160				.495			
	F _{am}	D _f	V _{dm}	L _{dm}	F _{am}	D _f	V _{dm}	L _{dm}	F _{am}	D _f	V _{dm}	L _{dm}
00	* 764				* 119				* 102			
01	* 765				* 124				* 106			
02	* 767				* 125				* 108			
03	* 767				* 126				* 106			
04	* 766				* 123				* 102			
05	* 763				* 120				* 96			
06	* 762				* 115				* 94			
07	* 763				* 115				* 90			
08	* 765				* 115				* 86			
09	159 14 10				115 10 30				82 32 10			
10	159 12 10				113 14 20				80 36 8			
11	161 17 10				112 19 27				80 40 8			
12	163 13 12				* 115				* 85			
13	165 6 8				* 115				* 86			
14	163 10 8				* 115				96 22 22			
15	165 8 8				121 11 30				103 14 29			
16	165 6 9				121 12 30				98 14 24			
17	163 8 8				119 14 26				97 19 23			
18	163 8 8				120 15 22				96 20 18			
19	162 7 7				123 10 16				104 8 18			
20	163 8 8				125 10 17				106 16 14			
21	164 16 9				124 20 16				104 22 8			
22	163 14 8				* 122				* 104			
23	165 10 12				* 121				* 104			

F_{am} = median value of effective antenna noise in db above ktb
 D_f = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 L_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Warrensburg, Mo. Lat. 38.7 N Long. 93.8 W Month May 19 64

Hour (LST)	Frequency (Mc)															
	.013				.051				.160				.495			
	F _{am}	D _g	V _{dm}	L _{dm}	F _{am}	D _g	V _{dm}	L _{dm}	F _{am}	D _g	V _{dm}	L _{dm}	F _{am}	D _g	V _{dm}	L _{dm}
00	161	12	4		142	10	4		117	12	4		99	12	4	
01	161	9	4		142	10	2		119	12	6		99	12	6	
02	161	10	4		142	10	4		119	9	7		99	12	8	
03	161	8	4		142	10	4		119	5	8		97	12	6	
04	161	7	4		140	9	4		113	11	10		89	23	12	
05	159	9	2		134	15	2		109	13	15		78	32	9	
06	159	9	4		132	18	4		107	14	10		75	36	4	
07	159	8	4		132	16	4		107	13	11		80	32	9	
08	159	10	4		132	19	6		111	6	18		83	20	12	
09	159	6	2		134	6	8		109	11	17		83	18	12	
10	160	7	6		132	11	4		109	10	17		81	20	11	
11	161	6	4		132	12	2		109	16	12		81	19	11	
12	162	7	5		135	12	4		109	18	12		83	15	12	
13	164	5	5		134	15	2		109	19	14		83	25	13	
14	163	6	4		136	13	6		114	23	11		85	28	14	
15	164	5	5		136	16	5		114	20	10		87	24	12	
16	163	6	4		138	13	5		115	16	8		89	18	16	
17	165	4	6		139	8	5		117	10	8		91	14	18	
18	164	5	5		138	11	3		117	14	10		87	16	14	
19	163	6	4		141	9	8		119	14	10		93	14	12	
20	163	6	4		143	9	8		119	12	10		97	12	12	
21	163	8	4		142	10	4		121	12	8		99	10	8	
22	163	8	4		144	10	4		119	16	4		97	14	7	
23	161	10	2		144	10	4		119	14	4		99	14	8	

F_{am} = median value of effective antenna noise in db above ktb
 D_g = ratio of upper decile to median in db
 V_{dm} = ratio of median to lower decile in db
 L_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Balboa, Canal Zone Lat. 9.0 N Long. 79.5 W Season Spring (Mar ***) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																	
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400		
	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}
.013	150	5	13.0 17.0	150	6	12 9.0 13.5	150	6	10 10.5 14.5	154	4	7 10.5 16.0	152	4	10 11.6 16.0	150	4	11 12.0 17.0
.051	129	6	11.0 16.0	127	6	10 14.0 19.0	119	10	8 12.0 18.0	121	8	5 9.0 13.5	121	10	4 10.0 14.0	125	8	10.0 14.5
.160	111	7	10.0 16.0	109	8	16 12.5 18.5	101	10	16 22.0 22.0	95	13	8 9.5 14.5	105	6	12 10.0 15.0	111	4	10 7.0 13.0
.495	93	7	8.0 12.5	89	11	14 10.0 16.0	79	14	10 11.0 11.0	75	12	6 10.5 13.0	77	10	14 8.5 13.0	93	4	7 6.5 10.0
2.5	65	6	8.0 14.0	61	10	12 8.0 14.0	39	13	8 8.5 8.5	37	6	6 5.0 8.0	47	14	12 6.0 9.5	59	8	6 7.5 11.5
5	56	4	6.5 10.0	56	4	12 6.5 10.0	44	8	8 11.0 11.0	42	7	6 6.0 8.5	53	9	13 6.0 9.0	58	4	10 5.0 8.5
10	39	10	5.0 7.5	37	10	6 3.5 6.0	37	6	8 7.5 7.5	39	6	10 6.0 9.5	46	7	11 5.0 7.0	39	10	8 5.0 7.0
20	23	6	2.5 4.0	23	4	4 3.5 5.5	23	6	4 5.0 5.0	27	4	6 7.5 9.5	25	6	4 3.5 5.5	25	6	4 1.5 3.0

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

*** No April or May data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Bill, Wyoming Lat. 43.2 N Long. 105.2 W Season Spring (Mar Apr May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																	
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400		
	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}
.013	158	6	11.0	154	8	11.5	156	6	12	158	8	10.5	158	10	10.0	158	8	10
.051	136	6	4.0	130	6	4.0	126	8	10	128	12	5.0	132	12	5.0	136	8	4.0
.160	110	10	7.5	92	20	9.0	92	20	26	96	26	8.5	106	18	7.5	112	12	18
.495	90	10	6.5	90	20	8.5	56	24	6	59	41	7	78	22	20	92	12	12
2.5	65	10	4.5	48	17	5.0	23	10	4	23	29	4	51	18	22	65	12	14
5	56	8	4.0	48	10	4.0	30	12	6	32	20	8	54	12	12	58	10	8
10	33	12	2.0	37	6	3.0	33	8	4	39	6	8	49	6	8	39	16	8
20	25	2	1.5	25	2	1.0	25	2	2	25	6	1.5	25	4	2	25	2	2

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Boulder, Colorado Lat. 40.1 N Long. 105.1 W Season Spring (Mar Apr May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																											
	0000-0400				0400-0800				0800-1200				1200-1600				1600-2000				2000-2400							
	F _{am}	D _u	D _ℓ	V _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	F _{am}	D _u	D _ℓ	V _{dm}				
.013	159	8	6		155	8	4		155	10	6		155	12	6		157	8	8		159	8	6					
.051	133	10	6		129	8	10		129	10	12		129	12	10		133	10	12		137	8	10					
.160	111	8	14		97	14	16		91	16	10		95	20	14		107	12	16		115	8	14					
.495	91	14	12		67	8	4		68	16	5		69	19	3		83	16	14		91	12	8					
2.5	62	14	8		54	8	8		46	9	4		48	13	6		53	18	6		63	12	15					
5	58	7	4		50	8	6		39	7	4		40	6	5		56	6	8		60	7	6					
10	37	8	3		40	5	5		37	6	4		41	5	5		49	6	5		43	10	9					
20	23	2	1		23	2	2		23	4	0		25	2	2		23	4	2		23	2	2					

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_ℓ = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Cook, Australia Lat. 30.6 S Long. 130.4 E Season Autumn (Mar Apr May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																													
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400														
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}										
0.13	158	2	2	8.5	13.0	157	3	3	10.0	15.5	152	4	2	11.5	18.0	154	4	4	11.5	19.0	156	4	4	9.0	14.5	158	2	4	9.5	14.0
0.57	131	4	4	10.0	15.5	127	6	10	10.0	16.0	113	10	8	13.0	20.5	117	10	8	11.5	19.0	123	8	12	10.0	16.0	129	6	4	9.5	16.0
1.60	107	8	4	8.0	14.0	101	8	28	10.0	16.5	73	16	10	12.0	18.0	81	14	14	11.5	19.0	95	14	14	9.5	17.0	107	6	6	8.0	14.0
4.95	88	8	6	7.5	13.5	78	12	38	8.5	14.0	40	12	2	4.0	6.0	43	13	3	6.5	9.5	76	16	30	8.0	14.5	88	8	6	7.0	13.0
2.5	59	6	6	6.0	10.5	55	8	16	7.0	11.5	21	13	2	6.5	10.0	21	6	2	5.0	8.0	46	17	21	7.0	12.0	59	8	6	6.0	11.0
5	53	6	4	5.0	8.5	49	8	8	5.0	8.5	23	14	6	7.0	11.5	21	12	6	6.5	9.0	45	12	14	6.0	10.5	53	8	6	5.5	9.5
10	38	4	4	4.0	6.0	34	6	2	3.5	5.5	28	8	4	4.0	6.0	28	8	6	4.0	6.5	40	4	6	4.0	7.0	40	6	4	4.0	6.5
20	22	3	0			22	3	0	2.5	3.5	22	2	0	3.0	3.5	23	2	3	3.0	4.5	23	2	1	3.0	3.5	22	3	0	2.5	3.0

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eitanin Lat. 60 - 70 S Long. 82.5-97.5 W Season Autumn (*** *** ***) May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																				
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400					
	F _{am}	D _u	D _l	F _{am}	D _u	D _l	F _{am}	D _u	D _l	F _{am}	D _u	D _l	F _{am}	D _u	D _l	F _{am}	D _u	D _l			
.013	152	0	3	153	3	3	152	1	2	150	0	2	150	2	2	150	2	2			
.051	120	5	4	120	2	5	108	12	2	104	6	4	110	4	6	116	4	4			
.160	95	4	4	86	8	9	73	16	9	72	4	9	79	8	12	91	6	7			
.495	78	7	4	67	8	6	62			53	7	9	69	7	11	78	6	6			
2.5	57	3	3	54	4	8	40	16	14	40	9	16	50	6	8	56	4	4	56	4	4
5	53	5	2	52	2	4	40	14	6	36	10	4	54	6	10	54	10	2	54	10	2
10	36	4	2	34	4	0	36	2	3	36	4	4	38	4	4	38	4	4	36	5	2
20	29	0	2	29	0	2	27	6	0	27	7	0	27	7	0	29	0	2	29	1	2

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

*** No March or April data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 60-70 S Long. 52.5-67.5 W Season Autumn (Mar Apr ***) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																								
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400									
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}					
.013	152	6	2	130	200	152	4	8	120	180	156	2	6	90	140	154	4	14	90	145	154	4	6	115	180
.051	124	8	6	95	150	118	8	8	115	180	114	8	10	90	145	115	6	11	70	120	124	8	12	95	150
.160	100	12	10	80	130	90	9	9	85	130	81	12	14	165	260	89	9	21	80	110	103	7	16	75	125
.495	83	14	8	50	125	63	20	4	45	80	70	22	22	40	70	75	15	21	60	110	87	8	8	70	130
.25	57	10	10			47	12	8			37	10	12			47	12	8			58	9	8		
.5	56	6	10			56	8	8			32	24	4			46	9	5			56	6	6		
.10	38	6	8			36	8	4			30	6	2			38	4	6			36	5	7		
.20	30	2	0			30	12	2			30	8	2			30	4	2			30	2	2		

F_{am} = median value of effective antenna noise in db above k1b

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

*** No May data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eitanin Lat. 60 - 70 S Long. 37.5 - 52.5 W Season Autumn (Mar Apr ***) 19 64

TIME BLOCKS (LST)

Frequency (Mc)	0000 - 0400				0400 - 0800				0800 - 1200				1200 - 1600				1600 - 2000				2000 - 2400									
	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}					
.013	154	7	8	11.5	18.5	152	9	8	13.0	20.0	150	6	6	10.0	15.5	152	6	4	10.0	15.5	152	4	4	8.5	14.0	154	4	6	10.0	16.0
.051	124	9	8	8.5	13.0	120	9	8	8.0	12.5	110	8	8	10.5	15.5	111	6	7	11.0	16.5	114	6	7	8.0	13.0	122	9	6	8.5	14.0
.160	98	8	10	8.0	14.0	90	16	20	9.0	14.5	70	10	6	8.0	11.5	70	14	6	7.5	11.0	82	10	16	5.5	8.5	96	10	8	8.0	13.0
.495	85	8	10	6.5	12.5	73	15	25	7.0	12.0	53	17	8	3.5	6.0	59	22	14	7.5	12.5	71	16	20	9.5	15.5	85	6	9	6.5	12.0
** 2.5	58	8	7	3.0	5.5	52	14	14	4.5	9.0	34	10	6	3.0	5.5	34	15	7	5.0	9.0	48	14	15	4.0	6.5	60	7	8	3.5	6.5
* 5	56	7	9	2.5	5.5	57	8	8	3.0	6.0	37	11	6	7.0	10.0	37	8	8	6.5	9.0	49	8	6	3.5	6.0	57	4	6	2.5	5.0
* 10	35	4	4	2.5	4.5	35	12	2	2.5	4.5	31	7	4	3.0	4.5	33	6	6	2.0	4.0	37	6	4	3.0	5.5	35	6	2	3.5	5.5
* 20	30	4	2	2.0	3.0	30	4	2	2.0	3.5	30	6	2	2.0	4.0	30	7	2	3.5	5.5	30	6	2	2.5	4.0	30	8	2	2.5	4.0

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_ℓ = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

**No April data for log and voltage

***No May data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 60 - 70 S Long. 22.5 - 37.5 W Season Autumn (Mar Apr ***) | 19 64

Frequency (Mc)	TIME BLOCKS (LST)																							
	0000 - 0400			0400 - 0800			0800 - 1200			1200 - 1600			1600 - 2000			2000 - 2400								
	F _{am}	D _ℓ	V _{dm}	F _{am}	D _ℓ	V _{dm}	F _{am}	D _ℓ	V _{dm}	F _{am}	D _ℓ	V _{dm}	F _{am}	D _ℓ	V _{dm}	F _{am}	D _ℓ	V _{dm}						
* .013	152	8	11.0	154	6	12	148	5	27	150	6	8	150	6	8	152	6	6	152	6	6			
* .051	122	10	8.0	123	10	9	107	15	4	108	8	6	114	8	8	118	4	9	118	4	7	130		130
* .160	92	10	6.0	88	16	16	74	10	6	74	16	10	82	10	12	88	11	7	88	11	7	110		110
* .495	79	11	2.5	75	14	9	54	11	7	59	24	12	59	12	10	75	13	17	75	13	17	110		110
* 2.5	54	14	3	56	13	15	38	23	4	34	4	4	50	9	11	56	8	3	56	8	3	9.0		9.0
* 5	57	6	7	55	7	6	35	12	4	31	6	2	48	7	7	58	5	7	58	5	7	5.5		5.5
* 10	33	4	2	35	6	4	33	4	4	31	4	4	37	4	4	37	3	4	37	3	4	4.0		4.0
* 20	30	2	3	28	4	0	30	5	2	30	6	2	29	4	3	28	6	2	28	6	2	3.5		3.5

F_{am} = median value of effective antenna noise in db above ktb

D_ℓ = ratio of upper decile to median in db

V_{dm} = ratio of median to lower decile in db

F_{am} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

* No April data

** No March data

*** No May data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eitanin Lat. 50 -60 S Long. 82.5 -97.5 W Season Autumn (***) May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																	
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400		
	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}
.013	150	6	11.5 180	151	3	5 120 190	148	4	2 120 190	150	2	4 110 175	150	4	4 10.0 155	150	4	4 10.5 165
.051	121	7	7.0 105	118	4	8 100 155	109	5	9 120 190	108	8	10 11.0 185	111	11	5 9.5 160	118	9	6 6.5 105
.160	95	12	7.0 120	83	10	8 110 180	75	11	7 135 180	77	12	10 12.5 205	85	11	13 7.5 140	94	15	6 6.0 110
.495	78	8	7.0 135	62	14	8 80 135	62		90 150	62	12	16 70 130	74	12	11 7.0 120	82	10	6 6.0 110
2.5	54	6	6	50	8	14	34	13	8	36	14	14	52	6	7	56	8	5
5	52	4	2	48	6	4	32	14	8	30	16	6	55	5	10	54	6	3
10	36	4	2	36	4	2	34	4	4	36	12	5	42	7	5	38	4	2
20	29	4	2	29	0	2	27	2	0	29	5	2	29	5	2	29	4	2

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

***No March or April data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 50 - 60 S Long. 67.5 - 82.5 W Season Autumn (Mar Apr ***) 1964

Frequency (Mc)	TIME BLOCKS (LST)																										
	0000 - 0400			0400 - 0800			0800 - 1200			1200 - 1600			1600 - 2000			2000 - 2400											
	F _{am}	D _l	V _{dm}	L _{dm}	F _{am}	D _l	V _{dm}	L _{dm}	F _{am}	D _l	V _{dm}	L _{dm}	F _{am}	D _l	V _{dm}	L _{dm}	F _{am}	D _l	V _{dm}	L _{dm}							
* .013	154	3	11.5	18.0	151	6	12.0	18.5	149	4	10.5	15.5	153	2	9.0	14.5	152	5	3	10.0	16.5	151	6	2	8.5	14.5	
* .051	126	6	7.0	11.0	122	6	9.5	15.5	110	9	9.5	16.5	114	6	7.0	12.5	118	6	8	8.5	15.0	126	6	7	7.5	12.5	
* .160	107	8	4.5	8.5	91	10	12.0	22.5	80	8	11	14.0	24.5	79	8	12	8.5	15.5	92	13	8.5	13.0	107	5	10	6.5	12.0
* .495	87	6	5.0	9.5	71	13	18.0	28.0	53	15	7	10.5	18.0	57	28	12	9.5	15.0	81	10	11.0	16.0	89	4	5	6.0	11.5
** 2.5	63	6	5	8.5	53	12	4.0	8.0	37	4	10	5.0	11.0	33	8	8	5.0	9.0	54	11	4.5	7.5	61	8	4	3.5	7.0
** 5	54	8	5.0	9.0	57	7	3.5	7.0	38	4	16	5.5	9.5	34	8	10	4.0	7.5	51	7	3.0	5.5	57	3	5	2.5	4.5
** 10	38	8	4	3.0	36	6	2.5	4.0	32	5	5	2.5	4.5	31	5	3	2.5	4.5	39	7	2.5	4.0	38	4	4	2.0	3.5
** 20	30	7	2	2.5	30	4	2.0	3.0	30	2	2	1.5	3.0	30	4	2	2.0	3.5	30	4	2.5	5.5	30	5	2	1.0	3.0

F_{am} = median value of effective antenna noise in db above ktb

D_l = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

* No April data
 ** No March data
 *** No May data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 50 - 60 S Long. 52.5 - 67.5 W Season Autumn (*** Apr ***) 19 64

TIME BLOCKS (LST)

Frequency (Mc)	0000 - 0400						0400 - 0800						0800 - 1200						1200 - 1600						1600 - 2000						2000 - 2400															
	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}	F _{am}	D _u	D _ℓ	V _{dm}	L _{dm}											
.013	152	2	17	12.0	18.5	140	14	12	12.0	19.0	150	0	10	12.5	18.5	150	2	9	11.0	17.5	150	4	6	10.0	15.5	150	4	6	10.0	15.5	150	3	4	10.5	16.5	150	3	4	10.5	16.5	150					
.051	120	5	14	8.0	12.5	111	14	7	9.5	11.0	108	9	4	11.5	18.0	104	4	7	11.0	16.5	114	8	12	10.0	16.0	114	8	6	8.5	13.5	116	8	6	8.5	13.5	116	8	6	8.5	13.5	116					
.160	97	3	17	8.0	13.5	79	21	14	9.0	15.0	75	6	9	8.0	13.0	75	6	7	7.0	11.0	85	8	10	7.0	11.0	85	4	12	6.0	10.0	94	4	12	6.0	10.0	94	4	12	6.0	10.0	94					
.495	83	4	16	6.5	11.0	63	21	11	8.0	13.0						51			6.0	11.0	76	7	15	6.0	10.0	76	7	15	6.0	10.0	76	5	12	6.5	12.0	82	5	12	6.5	12.0	82					
2.5	57	3	7			51	6	6			35	8	9			33	14	10			33	9	11			54	9	11			54	6	4			59	6	4			59					
5	55	4	8			60	5	4			38	25	5			38	8	2			38	8	4			52	6	4			52	3	2			58	3	2			58					
10	34	8	0			36	6	2			32	9	2			34	10	4			34	6	6			48	6	6			48	13	4			36	13	4			36					
20	30	1	2			30	0	2			30		2			32	0	2			32	2	0			30	2	0			30	2	0			30	7	2			30	7	2			30

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_ℓ = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

***No March or May data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eitanin Lat. 50-60 S Long. 22.5 - 37.5 W Season Autumn (***) Apr ***) | 19 64

TIME BLOCKS (LST)

Frequency (Mc)	0000 - 0400				0400 - 0800				0800 - 1200				1200 - 1600				1600 - 2000				2000 - 2400										
	F _{am}	D _u	D _l	V _d m	L _d m	F _{am}	D _u	D _l	V _d m	L _d m	F _{am}	D _u	D _l	V _d m	L _d m	F _{am}	D _u	D _l	V _d m	L _d m	F _{am}	D _u	D _l	V _d m	L _d m						
.013	156	4	25			158	2	19			150	4	12			144	8	5				152	4	11			158	0	6		
.057	124	10	18			125	7	19			108	14	11			106	4	10				114	10	10			123	7	5		
.160	95	15	25			90	15	13			71	11	4			79	4	7				85	6	6			97	14	14		
.495	81	12	16			77	13	21			47					51	36	6				67	4	11			85	8	8		
2.5	61	5	8	4.0	7.5	59	11	10	5.0	10.0	39	6	6	8.0	13.0	35	11	7	10.0	15.0		52	9	13	3.5	7.0	65	2	4	3.0	6.0
5	58	7	4	4.0	7.5	56	5	7	6.0	10.5	40	14	8	6.0	10.5	33	6	5	7.5	11.5		50	6	10	3.0	5.0	61	5	5	4.5	8.0
10	33	4	2	1.5	3.0	38	15	6	2.5	4.0	32	6	4	3.0	6.0	32	5	4	3.0	5.0		30	2	4	3.5	5.5	37	5	3	3.0	5.0
20	28	2	2	2.0	3.0	30	2	2	2.0	3.0	30	2	2	1.5	3.5	30	12	2	2.0	4.0		28	2	2	1.5	3.0	28	2	0	2.0	3.0

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_dm = median deviation of average voltage in db below mean power

L_dm = median deviation of average logarithm in db below mean power

***No March or May data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eitanin Lat. 40 - 50 S Long. 67.5 - 82.5 W Season Autumn (Mar Apr May) | 19 64

Frequency (Mc)	TIME BLOCKS (LST)																				
	0000 - 0400			0400 - 0800			0800 - 1200			1200 - 1600			1600 - 2000			2000 - 2400					
	F _{am}	D _u	D _l	F _{am}	D _u	D _l	F _{am}	D _u	D _l	F _{am}	D _u	D _l	F _{am}	D _u	D _l	F _{am}	D _u	D _l			
.013	151	6	11	153	4	18	157	3	6	157	6	3	151	2	9	151	2	19			
.057	126	6	8	124	6	11	108	13	8	113	8	10	113	9	12	124	6	17			
.160	106	6	10	98	8	18	82	10	16	85	8	20	92	14	23	104	7	16			
.495	85	8	6	73	16	10	54	20	9	62	14	16	83	14	20	87	8	14			
.25	58	12	6	55	8	17	36	10	8	35	8	9	54	12	16	59	7	8	5.0	8.5	
.5	54	4	4	58	6	9	36	13	11	32	11	10	50	8	12	58	4	6	4.0	7.0	
1.0	38	4	2	38	3	4	30	13	4	30	8	8	42	16	6	38	8	3	2.5	5.0	
2.0	30	0	2	30	0	2	28	4	0	28	3	2	28	20	2	30	3	4	1.5	2.5	

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 30 - 40 S Long. 67.5 - 82.5 W Season Autumn (Mar Apr May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																													
	0000 - 0400			0400 - 0800			0800 - 1200			1200 - 1600			1600 - 2000			2000 - 2400														
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}										
.013	153	4	24			153	3	4			155	10	4			155	8	14			153	7	25							
.051	130	7	21			110	12	8			115	21	14			116	20	13			126	12	17							
.160	108	6	20			76	19	8			82	21	13			92	17	18			107	11	18							
.495	88	6	17			57	14	12			69	7	14			79	15	12			87	12	14							
2.5	60	10	10	5.0	9.5	56	11	14	5.5	10.0	36	8	8	2.5	4.0	39	12	11	3.0	5.0	59	7	12	3.5	7.0	63	11	10	4.0	8.5
5	56	8	4	3.5	8.0	54	6	10	5.0	8.5	34	8	6	4.0	8.0	36	15	9	5.5	9.0	55	14	7	3.5	6.0	62	11	8	3.5	6.5
10	40	3	5	2.5	4.5	38	4	4	3.5	5.5	30	6	2	3.0	5.0	36	11	8	3.5	6.5	42	8	6	3.5	5.5	40	8	2	3.0	5.5
20	28	2	2	1.5	2.5	28	2	0	1.5	2.5	28	2	2	1.5	3.0	31	4	4	2.0	4.0	30	3	3	2.0	3.5	28	3	2	2.0	3.5

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Enköping, Sweden Lat. 59.5 N Long. 17.3 E Season Spring (Mar Apr. May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																													
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400														
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}										
.013	149	4	2	10.5	16.0	147	4	4	12.0	17.5	147	8	4	10.0	15.5	147	6	4	7.5	12.0	149	4	2	8.0	13.0					
.057	115	6	4	9.0	14.0	105	8	10	9.5	13.5	99	14	8	13.0	18.0	107	18	14	12.5	17.5	107	18	8	11.0	16.5	115	6	4	8.5	13.0
.160	98	6	8	6.0	10.5	82	14	8	5.0	8.5	82	8	8	5.0	8.5	82	12	6	6.0	9.5	84	10	6	7.0	10.5	96	8	6	5.0	8.5
.495	71	10	14	4.5	7.0	55	10	6	3.5	5.5	51	5	2	3.0	4.5	53	8	2	3.5	5.5	61	12	8	2.5	4.5	73	10	8	4.0	6.0
.25	55	6	4	5.5	9.0	45	13	14	6.0	10.0	39	18	10	4.0	7.5	41	22	10	5.0	7.5	47	12	12	5.0	8.5	57	6	16	5.0	8.0
.5	50	4	4	4.0	6.5	42	8	10	4.5	7.0	30	8	6	4.5	6.5	34	10	8	5.0	8.0	50	6	12	4.5	7.5	54	4	4	4.0	6.5
1.0	33	6	2	2.0	4.0	35	8	4	2.0	4.0	37	6	4	4.0	6.5	41	8	8	5.0	8.0	45	6	6	5.0	7.5	41	10	8	3.5	5.5
2.0	18	2	2	1.5	3.0	18	2	2	1.0	2.5	18	4	2	2.0	3.0	18	4	2	2.0	3.5	18	4	2	1.5	3.0	18	2	2	1.5	3.0

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Front Royal, Virginia Lat. 38.8 N Long. 78.2 W Season Spring (Mar Apr May) 1964

Frequency (Mc)	TIME BLOCKS (LST)																	
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400		
	F _{am}	D _u	L _{dm}	F _{am}	D _u	L _{dm}	F _{am}	D _u	L _{dm}	F _{am}	D _u	L _{dm}	F _{am}	D _u	L _{dm}	F _{am}	D _u	L _{dm}
.135	107	8	13	96	13	9	92	10	9	93	17	8	96	15	9	107	9	10
.500	82	6	11	64	18	13	54	13	5	56	15	5	65	14	13	80	9	11
2.5	65	7	9	53	13	19	31	13	4	30	13	4	47	18	16	65	8	11
5	53	7	6	47	9	9	32	8	5	30	13	5	48	12	11	56	9	6
10	32	4	1	33	4	2	33	5	3	33	8	3	45	4	9	42	6	10
20	24	2	1	24	1	1	24	2	1	24	2	2	24	2	2	23	3	1

F_{am} = median value of effective antenna noise in db above kfb
 D_u = ratio of upper decile to median in db
 L_{dm} = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

* No April data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Kekaha, Hawaii Lat. 22.0 N Long. 159.7 W Season Spring (Mar Apr May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																		
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400			
	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	
.013	152	2	9.5 15.0	152	4	12.0 16.0	148	4	13.0 20.0	148	2	12.5 20.0	150	4	9.5 15.5				
.051	128	4	10.5 16.5	126	6	11.0 18.0	108	14	12.5 17.5	108	12	13.0 18.0	106	12	10.0 14.5	122	6	8	11.0 16.5
.160	104	8	11.0 18.5	98	12	11.0 17.5	76	22	13.0 20.0	74	20	10.5 17.0	78	18	10.0 17.5	100	8	10	12.0 19.0
.495	83	8	11.5 20.0	75	12	12.0 14.0	55	18	7.0 11.0	53	16	7.5 12.0	59	18	8.0 12.5	79	10	8	10.5 17.5
2.5	57	10	7.0 10.0	55	10	6.0 9.5	35	12	2.5 4.0	29	12	2.0 3.5	41	12	3.0 4.5	55	8	6	6.5 9.5
5	52	8	5.0 9.5	48	8	5.0 8.0	28	12	3.5 6.0	22	10	4.0 5.5	39	11	4.0 6.0	52	4	8	4.0 7.0
10	38	4	4.5 7.0	34	6	4.0 6.5	26	10	3.5 5.5	22	10	4.0 6.5	36	4	4.5 7.0	38	4	4	4.0 7.0
20	24	2	1.5 3.0	24	2	1.5 3.0	23	2	2.0 3.5	22	3	2.0 4.0	23	3	2.5 4.0	24	2	2	1.5 3.0

F_{am} = median value of effective antenna noise in db above k1b
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station New Delhi, India Lat. 28.8 N Long. 77.3 E Season Spring (Mar Apr May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																		
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400			
	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	F _{am}	D _l	V _{dm}	
.013	156	4	8.0	154	4	8.5	152	4	8.0	156	6	8.0	156	8	7.0	156	8	7.0	9.5
.051	134	6	8.0	126	10	6.5	124	6	6.5	128	12	8.0	134	13	7.0	134	11	7.0	10.0
.160	115	8	8.0	103	14	8.5	97	7	9.0	105	18	8.0	113	15	7.0	117	10	7.0	10.5
.495	94	10	7.5	76	18	5.0	72	18	4	78	27	6.5	94	16	6.5	98	12	6.5	10.0
.25	65	10	6.5	57	12	5.5	47	6	4	47	15	3.5	59	15	5.0	67	10	6.0	8.5
5	56	8	5.5	52	8	6.5	40	10	8	42	12	4.0	58	10	5.5	60	6	5.5	8.0
10	39	6	4.5	37	8	4.5	37	8	8	43	8	5.5	49	6	7.5	43	8	5.0	7.5
20	27	0	2.0	27	2	2.0	27	4	2	33	4	4.5	33	4	6.0	25	4	2.5	3.5

F_{am} = median value of effective antenna noise in db above ktb

D_l = ratio of upper decile to median in db

V_{dm} = ratio of median to lower decile in db

F_{am} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Ohira, Japan Lat. 35.6 N Long. 140.5 E Season Spring (Mar Apr May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																						
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400							
	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}	F _{am}	D _u	V _{dm}	L _{dm}			
. 013	155	4	10.5	15.0	153	4	11.5	16.5	151	6	13.5	18.5	153	4	6	13.0	18.5	155	4	6	10.5	15.0	
. 051	130	6	11.0	16.0	124	8	12.0	17.5	113	15	9	15.0	20.5	116	11	10	13.5	19.5	118	12	12	11.5	16.0
. 160	109	6	9.0	14.0	93	16	18	10.0	79	18	6	8.5	11.0	77	22	6	8.5	12.0	91	16	16	11.5	15.0
. 495	86	10	8.5	13.0	64	18	8	6.5	62	14	6	8.0	10.5	60	22	2	9.0	13.5	74	13	14	10.0	15.5
. 25	59	8	6.0	9.5	51	18	10	6.5	41	6	2	7.0	10.5	39	5	0	7.5	10.0	49	16	8	7.5	11.0
. 5	56	14	4	6.0	54	14	14	7.0	38	8	4	7.5	10.5	38	8	6	6.5	9.5	56	14	14	8.5	13.0
. 10	38	10	4	4.0	38	8	6	4.0	32	10	4	4.5	7.0	32	8	4	5.0	8.0	44	6	4	5.0	8.0
. 20	24	2	2	1.5	24	2	2	1.5	24	4	2	2.0	4.0	26	2	4	3.0	5.0	26	4	4	3.0	4.5

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Pretoria, S. Africa Lat. 25.8 S Long. 28.3 E Season Spring (Mar Apr May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																	
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400		
	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}	F _{am}	D _u	V _{dm} L _{dm}
.013	158	6		156	6		154	6	8	160	7		162	8	8	160	8	6
.057	132	12		128	8	14	120	14	16	120	14	18	136	12	20	136	12	14
.160	112	10	14	100	14	18	84	24	8	94	30	18	112	16	30	114	14	14
.495	94	10	8	82	14	22	64	18	6	70	34	10	92	16	28	100	10	12
2.5	66	9	10	60	12	18	42	10	4	46	18	6	68	10	24	70	8	12
5	55	4	8	55	6	9	54	10	10	37	14	10	35	10	8	49	8	13
10	35	8	5	34	7	4	32	7	6	35	12	10	45	6	8	41	6	9
20	20	4	4	22	2	4	22	2	4	24	6	4	24	6	4	20	4	4

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Rabat, Morocco Lat. 33.9 N Long. 6.8 W Season Spring (Mar Apr May) | 9 64

Frequency (Mc)	TIME BLOCKS (LST)																				
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400					
	F _{am}	D _u	D _ℓ	F _{am}	D _u	D _ℓ	F _{am}	D _u	D _ℓ	F _{am}	D _u	D _ℓ	F _{am}	D _u	D _ℓ	F _{am}	D _u	D _ℓ			
.013	148	4	2	148	4	4	146	4	4	148	6	6	148	6	4	148	4	4			
.051	123	4	4	119	6	8	111	8	8	115	4	6	113	6	10	123	4	6			
.160	107	4	6	97	12	13	91	8	8	93	10	10	97	18	10	105	6	6			
.495	81	8	4	71	12	16	59	10	6	61	30	6	77	16	20	85	4	6			
2.5	58	6	6	54	8	10	38	9	4	42	10	6	54	10	10	58	10	4			
5	55	6	6	47	6	14	27	10	6	27	12	6	43	10	12	51	6	6			
10	30	10	6	30	10	8	26	8	8	28	10	8	38	8	8	34	13	4			
20	34	12	7	36	11	9	34	13	8	34	16	8	36	10	7	34	10	7			

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_ℓ = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Sao José, Brazil Lat. 23.3 S Long. 45.8 W Season Summer (Dec. Jan. Feb.) 1963-64

TIME BLOCKS (LST)

Frequency (Mc)	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400							
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}			
.051	132	6	14			120	6	13			131	11	9			134	8	10			136	2	14
.113	115	10	10			99	10	7			110	15	11			117	15	20			117	8	7
.246	103	9	13			82	13	9			101	22	18			107	16	21			107	9	14
.545	88	10	10			86	12	14			84	26	6			90	14	11			52	10	10
2.5	66	9	8			36	10	3			50	24	17			63	13	13			71	5	9
5	57	7	9			41	12	7			45	15	7			60	12	12			68	7	16
10	42	6	9			32	7	7			41	11	10			46	6	5			45	6	6
20	24	8	2			24	7	2			28	12	4			31	13	7			25	5	3

F_{am} = median value of effective antenna noise in db above ktb

D_u = ratio of upper decile to median in db

D_l = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Saõ José, Brazil Lat. 23.3 S Long. 45.8 W Season Autumn (Mar Apr May) 19 64

TIME BLOCKS (LST)

Frequency (Mc)	0000 - 0400						0400 - 0800						0800 - 1200						1200 - 1600						1600 - 2000						2000 - 2400																	
	F _{am}	D _u	D _l	V _{dm}	L _{dm}		F _{am}	D _u	D _l	V _{dm}	L _{dm}		F _{am}	D _u	D _l	V _{dm}	L _{dm}		F _{am}	D _u	D _l	V _{dm}	L _{dm}		F _{am}	D _u	D _l	V _{dm}	L _{dm}		F _{am}	D _u	D _l	V _{dm}	L _{dm}													
	.051	132	9	9	11.0	17.0		125	15	9	10.5	16.0		120	12	13	8.5	11.0		126	12	13	10.0	14.0		120	11	10	10.5	14.5		132	9	7	10.0	15.0												
.113	117	9	11	9.0	14.5		103	21	10	7.5	12.5		99	13	8	6.5	9.5		105	16	11	8.0	11.0		113	14	14	8.0	12.0		119	8	10	8.0	13.5													
.246	101	8	10	8.5	14.0		87	18	16	8.0	12.5		77	12	8	9.0	13.0		79	24	6	9.0	14.0		93	15	16	9.0	14.0		103	7	10	7.5	13.0													
.545	87	6	6	5.5	9.0		85	8	8	5.0	9.0		87	8	12	5.5	10.0		85	10	8	6.0	10.5		89	8	10	6.0	10.0		91	4	8	5.0	8.5													
2.5	60	6	10	5.5	9.0		54	12	12	5.5	9.0		36	10	6	7.0	9.0		36	14	6	6.0	8.0		56	14	18	5.5	8.0		62	10	6	5.0	8.5													
5	53	18	11	5.0	8.0		55	16	12	5.5	9.0		47	10	12	6.0	10.5		45	10	12	6.0	9.5		63	8	14	5.0	8.5		69	6	14	4.5	8.5													
10	36	11	9	3.5	5.5		33	10	8	4.0	5.5		33	10	9	6.0	8.5		37	9	8	5.0	8.0		45	7	9	4.5	7.0		42	9	10	4.0	6.5													
20	23	4	3	2.0	3.0		24	3	4	2.5	3.0		25	4	3	2.5	4.0		27	6	4	3.5	4.5		28	7	4	3.5	5.0		25	8	3	3.0	4.0													

F_{am} = median value of effective antenna noise in db above ktb
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Warrensburg, Mo. Lat. 38.7 N Long. 93.8 W Season Spring (Mar Apr May) 19 64

Frequency (Mc)	TIME BLOCKS (LST)																				
	0000-0400			0400-0800			0800-1200			1200-1600			1600-2000			2000-2400					
	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}	F _{am}	D _u	V _{dm}			
.013	160	10	12	156	12	8	156	10	12	158	10	12	162	6	16	160	10	12			
.051	142	10	14	136	12	6	132	12	4	136	12	6	140	10	6	144	10	6			
.160	116	14	8	104	22	18	102	20	16	106	24	20	112	18	24	116	16	14			
.495	97	14	16	83	26	14	79	26	8	81	32	10	87	20	14	97	14	14			

F_{am} = median value of effective antenna noise in db above ktb
 D_u = ratio of upper decile to median in db
 D_l = ratio of median to lower decile in db
 V_{dm} = median deviation of average voltage in db below mean power
 L_{dm} = median deviation of average logarithm in db below mean power

RN-14

the 1980s, the number of people aged 15 years and over with a mental illness has increased from 1.4 million to 2.4 million. The increase in the prevalence of mental illness is due to a number of factors, including the aging of the population, the increasing prevalence of mental illness in the general population, and the increasing recognition of mental illness. The prevalence of mental illness is also increasing in children and young people. In 1998, the prevalence of mental illness in children and young people was 1.2 million, compared with 0.8 million in 1988. The increase in the prevalence of mental illness in children and young people is due to a number of factors, including the increasing prevalence of mental illness in the general population, the increasing recognition of mental illness, and the increasing prevalence of mental illness in children and young people.

The prevalence of mental illness in children and young people is also increasing in children and young people with a mental illness. In 1998, the prevalence of mental illness in children and young people with a mental illness was 1.2 million, compared with 0.8 million in 1988. The increase in the prevalence of mental illness in children and young people with a mental illness is due to a number of factors, including the increasing prevalence of mental illness in the general population, the increasing recognition of mental illness, and the increasing prevalence of mental illness in children and young people with a mental illness.

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