NBS

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

THE NATIONAL BUREAU OF STANDARDS

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NATIONAL BUREAU OF STANDARDS

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Issued August 2, 1965

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MARCH, APRIL, MAY, 1964

W. Q. Crichlow, R. T. Disney, and M. A. Jenkins
Central Radio Propagation Laboratory
National Bureau of Standards
Boulder, Colorado

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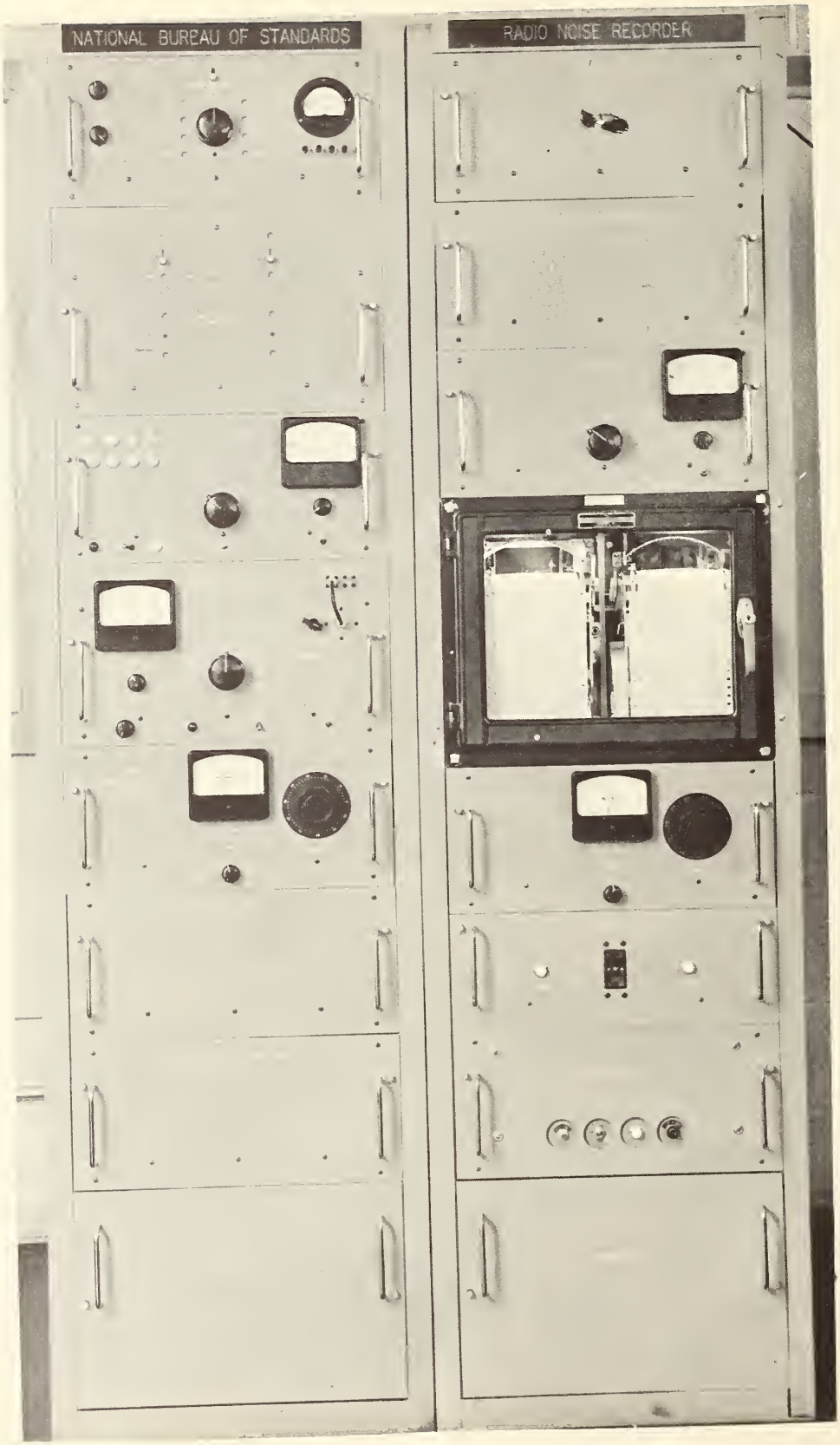
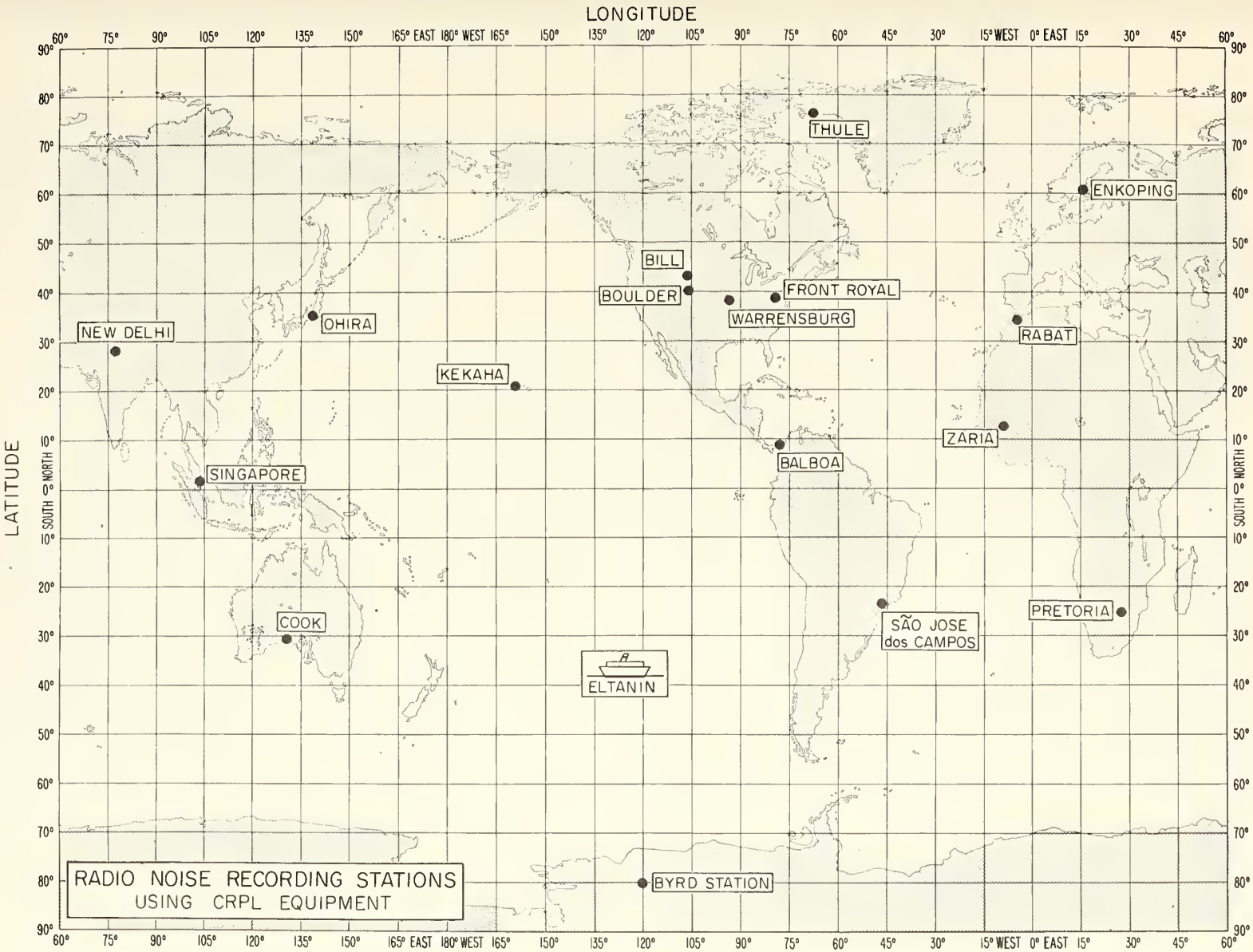
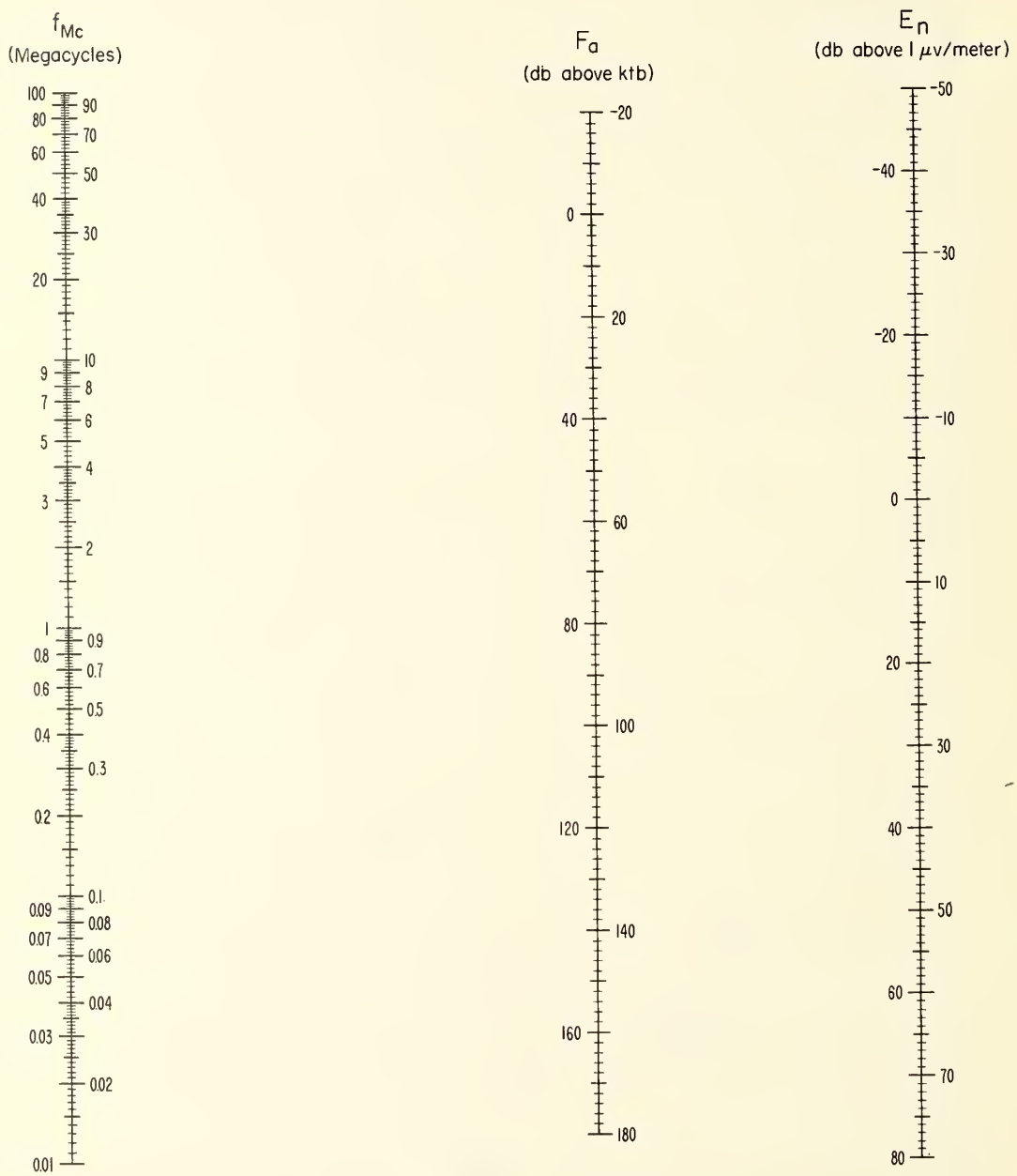
Radio Noise Recording Station



ARN-2 Atmospheric Radio Noise Recorder


LONGITUDE
LATITUDE
60° 75° 90° 105° 120° 135° 150° 165° EAST 180° WEST 165° 150° 135° 120° 105° 90° 75° 60° 45° 30° 15° WEST 0° EAST 15° 30° 45° 60°
90° 80° 70° 60° 50° 40° 30° 20° 10° 0° SOUTH NORTH 10° 20° 30° 40° 50° 60° 70° 80° 90°
THULE
ENKOPING
BILL
BOULDER
FRONT ROYAL
WARRENSBURG
RABAT
NEW DELHI
OHIRA
KEKAHA
ZARIA
BALBOA
SINGAPORE
PRETORIA
SÃO JOSE dos CAMPOS
COOK
ELTANIN
BYRD STATION
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 μv/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:

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

where:

E_n = rms noise field strength for bandwidth b in db above 1 μV/m

b = effective receiver noise bandwidth in c/s

$f_{Mc/s}$ = 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 des 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. Engs., 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. Engs., 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 Atmospherics," 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:

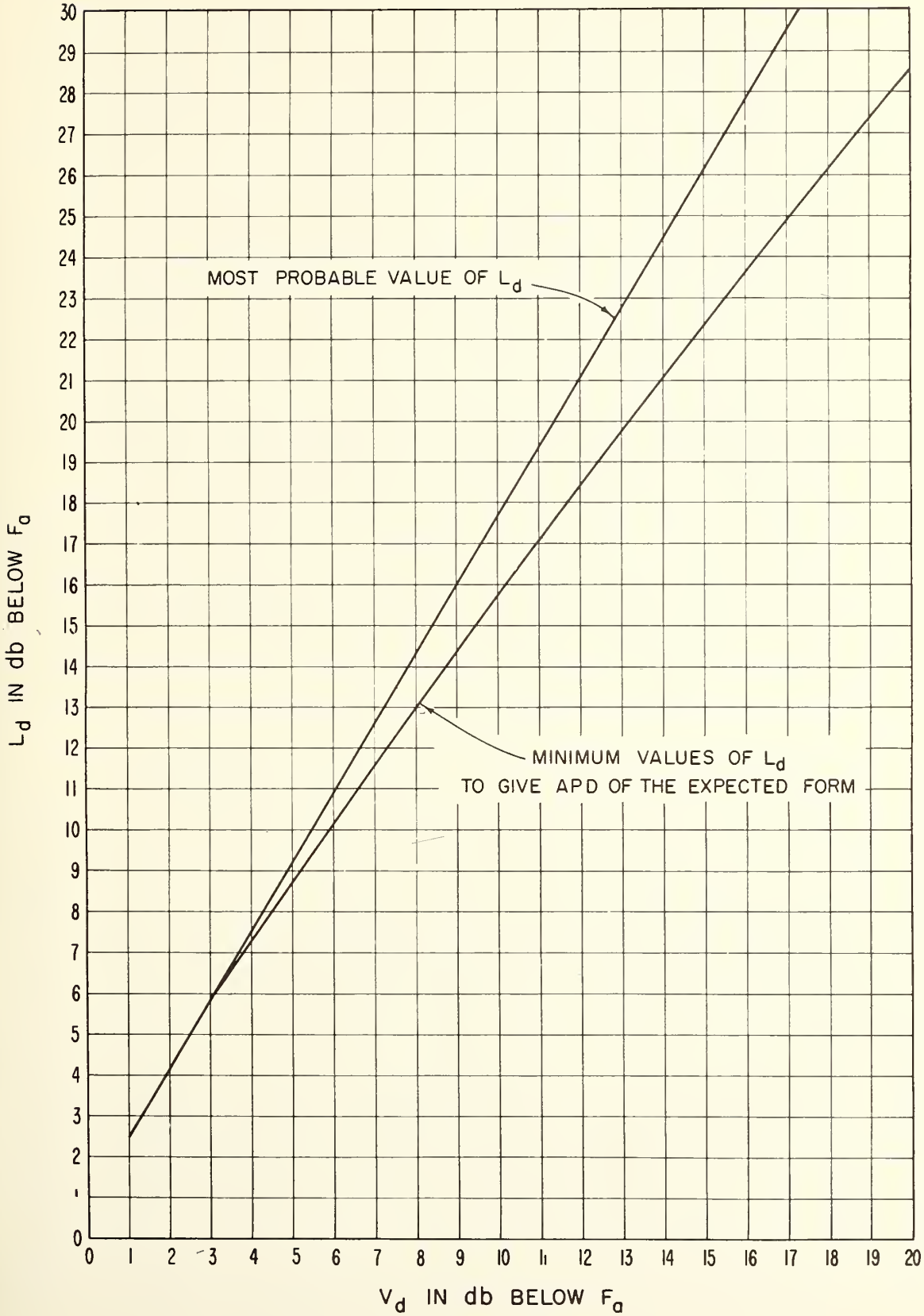
Station	Data			To Convert LST to GMT (hours)
Balboa	March	1964	75W	+05
Bill	March, April, May	1964	105W	+07
Boulder	March, April, May	1964	105W	+07
Cook	March, April, May	1964	135E	-09
USNS Eltanin	March, April, May	1964		
Enköping	March, April, May	1964	15E	-01
Front Royal	March, April, May	1964	75W	+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



MONTH-HOUR VALUES OF RADIO NOISE

Station Balboa, Canal Zone Lat. 9.0 N Long. 79.5 W Month March 19 64

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495					2.5					5					10					20				
	Fom	Du	Dℓ	Vdm*	Ldm*	Fam	Du	Dℓ	Vdm*	Ldm*	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm*	Ldm*	Fam	Du	Dℓ	Vdm*	Ldm*	Fam	Du	Dℓ	Vdm*	Ldm*	Fam	Du	Dℓ	Vdm*	Ldm*	Fam	Du	Dℓ	Vdm*	Ldm*
00	148	6	8	12.5	17.5	127	7	9	9.5	13.0	111	6	10	9.0	15.0	93	5	7	8.0	12.5	64	7	8	7.5	13.0	56	4	8	7.5	11.0	41	10	8	5.5	8.0	23	2	4	2.0	3.5
01	150	4	10	14.5	18.0	127	6	6	10.0	14.0	109	8	9	10.5	16.0	95	4	9	7.5	12.0	65	6	11	9.0	14.0	58	2	10	5.0	8.5	41	10	6	7.0	9.5	25	4	6	3.0	4.0
02	151	5	9	14.0	18.0	129	6	12	14.0	20.0	111	6	8	9.0	16.0	93	8	7	9.0	14.0	65	6	8	8.5	15.0	58	2	10	7.5	11.0	41	9	11	5.0	7.5	23	6	4	2.0	4.0
03	152	4	6	11.5	14.5	129	6	10	11.0	16.0	112	5	8	10.5	17.5	95	7	8	8.0	12.0	66	7	6	8.0	13.0	56	4	10	6.0	9.0	37	6	8	3.5	5.5	23	6	4	3.0	4.0
04	152	4	14	7.5	12.0	129	5	11	15.0	20.0	110	8	8	11.0	18.5	94	7	8	11.0	18.0	65	9	4	6.0	9.0	57	3	11	6.0	9.5	35	8	6	3.0	4.0	23	4	4	8.5	11.0
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06	150	4	11	12.0	17.0	125	8	8	12.0	16.5	104	10	20	16.5	23.0	82	17	11	8.5	11.5	61	8	10	13.0	19.0	56	6	12	7.5	11.0	42	11	7	3.5	6.5	25	3	6	1.0	3.0
07	150	5	12	12.0	15.0	119	10	6	13.5	19.5	101	14	26	9.0	13.0	83	14	8	10.0	17.0	51	12	12	6.0	16.0	50	9	10	8.0	12.0	41	6	10	5.0	7.0	23	4	4	3.0	5.0
08	150	4	10	14.0	19.0	121	8	12			104	9	17	13.0	22.0	81	16	10	15.0	21.0	45	13	12	4.5	8.0	46	11	9	3.5	15.0	39	8	8	3.0	6.0	23	6	4	7.0	8.5
09	150	6	8	10.0	13.5	119	8	6	6.0	6.5	105	6	19	13.0	23.0	83	10	12	6.0	9.0	46	13	15	4.5	7.0	44	8	8	6.0	8.5	39	4	10	3.0	5.0	24	7	3	3.0	4.0
10	147	10	7	7.0	11.5	119	8	6	12.5	18.5	99	11	16	14.0	22.0	77	14	8	2.5	4.0	37	9	6	9.0	11.0	44	8	8	8.0	10.5	37	6	8	5.5	8.5	23	6	4	2.0	3.0
11	150	7	9			117	10	6	8.0	11.5	95	15	12	13.5	21.0	75	14	6	7.0	9.5	37	8	6	5.0	8.0	42	6	6	7.0	10.0	36	7	7	9.5	10.0	21	6	2	2.0	4.0
12	152	4	4	11.0	16.0	119	9	6	11.0	16.0	95	14	9	9.0	12.5	74	9	5			36	9	5	4.5	7.0	41	8	5	6.0	11.0	39	6	8	6.5	11.0	25	4	6	3.5	6.0
13	154	4	9	11.0	17.0	121	8	4	8.5	14.5	96	11	11	13.5	19.5	73	14	6			36	7	7	6.0	9.0	41	9	5	10.0	13.0	37	6	8	5.5	9.5	26	5	5	11.0	12.5
14	154	4	6	10.5	15.0	121	8	5	8.0	9.5	95	14	9	9.5	13.0	74	15	6	10.5	13.0	37	6	6	5.0	7.5	41	9	5	2.5	3.0	41	4	8	6.0	8.0	29	2	10		
15	154	4	8	10.0	15.0	123	5	4	9.5	14.0	99	8	9	6.0	13.0	77	10	5			34	9	3	5.0	9.0	42	6	6	4.5	7.5	41	6	8	6.0	9.0	27	6	6	8.5	10.0
16	154	4	8	10.0	14.5	121	8	4	8.5	11.0	97	11	7	12.0	15.5	77	10	6	11.0	14.0	37	9	5	7.0	9.0	42	10	2	4.0	8.0	43	6	10	4.5	7.5	25	6	4	4.5	6.5
17	151	5	5	11.5	17.0	121	6	8	13.5	18.0	101	7	11	13.0	19.5	82	13	9	11.5	16.0	45	9	9	7.0	10.0	50	6	10	8.5	12.0	47	8	8	5.0	7.0	25	8	4	4.0	6.0
18	152	2	10	11.5	16.5	121	7	5	8.0	11.0	107	5	10	9.5	14.0	91	6	10	6.5	11.5	53	4	10	5.0	9.0	58	4	8	4.5	7.0	49	8	14	4.5	6.5	23	8	2	3.0	5.5
19	148	8	8	11.0	15.0	125	10	7	10.0	15.0	109	4	8	6.5	11.0	93	6	12	5.0	10.0	57	8	6	6.0	10.0	60	2	10	6.0	8.5	45	8	12	5.0	7.0	23	6	4	2.5	4.0
20	150	4	10	10.0	15.0	127	6	10	9.0	14.0	109	6	7	7.0	12.5	93	4	7	6.0	9.5	60	3	7	7.5	9.5	60	2	10	5.0	8.0	42	10	9	7.0	10.0	23	5	4	1.5	3.0
21	150	4	8	12.5	18.0	125	8	6	8.5	14.0	109	7	10	6.5	12.0	93	4	7	6.5	9.5	61	4	10	7.5	12.0	59	3	11	6.0	10.0	40	8	8	4.5	6.5	23	6	2	2.0	3.5
22	148	6	10	11.5	16.5	125	8	8	10.5	13.0	111	4	8	7.0	15.0	94	3	8	7.0	10.0	57	10	6	7.5	11.0	58	4	8	5.5	9.0	37	8	8	5.0	8.0	21	4	3	1.5	3.0
23	149	5	11	12.5	17.5	125	8	8	12.0	17.0	111	5	9	8.0	13.0	95	3	9	7.0	12.0	60	8	7	8.0	13.0	56	4	9	4.5	7.5	39	10	4	2.5	4.0	23	4	4	1.5	3.0

Fom = median value of effective antenno noise in db above ktb
Du = rotia of upper decile to median in db
Dℓ = rotio of median to lower decile in db
Vdm = median deviation of average voltage in db below meon power
Ldm = median deviotion of average lagarithm in db belaw meon power

USCOMM-NBS-DL

MONTH-HOUR VALUES OF RADIO NOISE

Station Bill, Wyoming Lat. 43.2 N Long. 105.2 W Month March 19 64

Frequency (Mc)

Hour (LST)	.013 F_{am}	.013 D_u	.013 D_l	.013 V_{dm}	.013 L_{dm}	.051 F_{am}	.051 D_u	.051 D_l	.051 V_{dm}	.051 L_{dm}	.160 F_{am}	.160 D_u	.160 D_l	.160 V_{dm}	.160 L_{dm}	.495 F_{am}	.495 D_u	.495 D_l	.495 V_{dm}	.495 L_{dm}
00	150	10	4	11.5	18.0	132	4	2	3.5	7.5	100	14	8	8.5	15.0	82	14	4	6.0	11.0
01	150	10	2	11.5	17.5	132	5	3	3.5	7.5	98	15	6	8.5	15.5	82	13	8	6.5	11.0
02	152	7	4	11.5	17.5	132	4	2	3.5	7.5	100	11	10	9.0	15.5	82	12	9	7.0	11.0
03	151	8	3	11.5	17.5	132	4	2	2.5	6.5	100	10	12	9.0	16.5	81	13	11	8.0	14.0
04	150	7	2	12.0	18.0	132	4	2	3.0	7.0	94	16	8	8.5	15.5	73	17	5	8.5	13.5
05	150	4	2	12.0	17.5	134	1	4	3.0	7.0	88	10	8	9.5	16.5	64	8	6	6.5	11.5
06	150	3	2	12.0	18.0	126	3	6	3.0	6.5	78	16	9	8.5	14.5	55	5	4	2.5	4.0
07	148	5	4	12.0	17.5	126	4	6	2.5	7.0	72	18	8	5.0	9.0	54	4	4	2.5	5.0
08	146	6	4	11.5	17.0	122	2	9	3.0	7.0	77	15	13	4.5	6.5	54	4	4	2.5	4.5
09	146	6	4	11.5	17.0	116	10	4	2.5	6.0	73	19	9	5.0	6.0	54	4	4	2.5	4.5
10	146	10	4	11.0	16.0	120	6	4	3.0	6.5	78	16	12	4.5	7.0	54	4	4	2.0	4.0
11	148	10	4	11.5	17.0	122	5	3	3.0	7.0	78	14	16	6.5	11.0	54	4	4	2.5	4.0
12	150	6	6	11.0	16.5	124	4	3	3.5	7.5	78	17	14	6.0	8.5	54	4	4	2.0	4.0
13	148	7	4	11.0	16.5	124	4	4	3.0	8.0	79	13	13	7.5	11.5	56	2	6	2.5	4.5
14	148	8	4	11.5	17.5	124	3	2	3.0	7.0	78	16	10	7.5	14.0	56	2	6	2.5	4.5
15	148	6	4	11.0	17.0	122	4	2	3.0	7.5	76	18	6	5.5	9.0	54	4	4	2.5	5.5
16	148	7	6	12.0	19.0	118	8	2	4.5	8.5	80	16	12	8.0	14.5	56	7	3	3.5	6.0
17	146	7	4	12.5	19.0	124	6	4	3.0	7.0	94	6	19	8.0	15.5	66	18	10	5.0	9.0
18	148	7	3	11.0	18.0	128	5	2	3.0	7.5	98	15	10	9.0	16.0	76	17	14	6.0	10.5
19	150	7	4	12.0	19.0	130	4	6	3.0	7.5	96	16	11	7.5	15.0	80	16	9	6.5	11.5
20	150	10	4	11.5	18.0	132	4	2	3.0	7.0	96	18	10	9.5	16.0	82	15	8	6.0	11.0
21	150	10	4	12.5	19.0	132	5	3	3.0	7.5	98	14	8	9.5	17.0	82	15	6	6.0	11.0
22	150	13	4	13.0	19.5	132	5	3	3.0	7.5	98	15	7	9.0	16.0	82	14	7	6.0	11.0
23	150	12	4	12.0	17.5	132	5	2	3.0	7.5	99	15	6	8.0	15.0	82	16	6	6.0	11.5

Hour (LST)	2.5 F_{am}	2.5 D_u	2.5 D_l	2.5 V_{dm}	2.5 L_{dm}	5 F_{am}	5 D_u	5 D_l	5 V_{dm}	5 L_{dm}	10 F_{am}	10 D_u	10 D_l	10 V_{dm}	10 L_{dm}	20 F_{am}	20 D_u	20 D_l	20 V_{dm}	20 L_{dm}
00	57	13	8	4.0	6.5	54	7	6	4.5	7.5	33	11	2	1.0	2.5	25	2	0	0.5	2.0
01	57	14	9	5.0	9.0	54	6	6	4.5	8.0	32	8	2	1.5	3.0	25	2	0	1.5	3.0
02	57	12	9	5.0	9.0	54	6	4	4.0	7.0	31	7	1	2.0	3.0	27	0	2	1.5	3.0
03	56	12	7	5.0	8.0	52	5	5	4.0	7.5	31	6	0	1.5	3.0	27	0	2	1.5	2.5
04	55	13	6	6.0	9.0	50	8	2	4.5	8.0	31	7	0	1.5	3.0	27	2	2	0.5	1.5
05	51	14	5	4.5	8.0	50	8	3	3.5	7.0	39	2	6	2.5	4.5	25	2	0	0.5	2.0
06	47	7	6	5.0	7.0	46	4	5	3.5	6.0	39	4	6	2.5	4.5	25	2	0	0.5	2.0
07	33	8	4	2.5	4.5	38	5	5	2.0	4.0	37	4	3	2.5	5.0	25	2	0	0.5	2.0
08	27	5	3	2.0	3.5	32	5	4	1.5	3.0	35	3	2	2.0	4.5	25	2	0	1.0	2.5
09	23	5	4	2.5	4.0	28	4	4	1.5	3.0	33	4	2	2.5	5.0	25	2	0	1.0	2.5
10	21	2	2	2.0	4.0	26	5	4	2.0	3.5	32	3	2	2.0	4.0	25	6	0	1.0	2.5
11	19	2	0	2.0	3.5	26	6	4	2.5	3.5	31	4	2	2.0	4.0	25	6	0	1.5	3.0
12	19	3	0	1.5	3.0	24	8	4	2.0	3.5	33	5	2	2.5	4.0	25	4	0	1.5	3.0
13	19	2	0	2.0	3.5	24	9	2	2.0	3.5	34	5	3	2.0	4.0	27	2	2	1.5	3.0
14	21	6	2	2.0	3.0	26	9	3	2.0	3.5	37	6	2	2.5	4.5	27	4	2	1.5	3.5
15	23	8	2	1.5	2.5	30	11	2	2.0	3.0	37	6	4	2.0	4.5	25	3	0	1.5	3.0
16	29	11	5	3.0	4.5	36	10	3	2.0	3.5	47	5	6	3.5	5.0	25	0	0	1.5	3.0
17	39	13	8	2.5	6.0	48	6	4	3.0	6.0	49	6	8	2.5	4.5	25	0	2	1.5	3.0
18	51	11	8	3.0	7.0	54	6	4	3.5	6.0	49	4	7	2.0	5.0	25	0	0	1.5	3.0
19	53	13	7	4.0	7.5	54	7	4	4.5	7.5	45	11	13	2.5	4.5	25	0	0	1.5	2.5
20	55	14	7	4.0	8.0	54	7	4	4.0	7.0	38	17	7	1.5	3.5	25	0	0	1.0	2.5
21	57	12	9	5.0	8.5	52	9	2	4.0	8.0	37	17	8	1.5	3.0	25	0	0	1.0	2.5
22	55	16	6	4.0	7.5	53	10	5	5.0	9.0	33	18	4	1.5	3.0	25	0	0	0.5	2.0
23	57	15	8	5.0	9.0	54	8	6	4.0	8.5	34	15	3	2.0	3.5	25	1	0	0.5	2.0

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 Bill, Wyoming Lat. 43.2 N Long. 105.2 W Month April 19 64

Frequency (Mc)

Hour (LST)	.013 F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	.051 F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	.160 F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	.495 F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}
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
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
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
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
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
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
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
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
08	155	8	8	12.5	19.0	124	10	7	5.5	10.0	88	21	22	10.0	17.5	58	22	6	2.0	4.0
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
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
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
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
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
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
15	160	6	9	10.5	16.5	130	9	8	6.5	10.0	100	24	20	8.0	14.0	62	34	6	5.0	7.5
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
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
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
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
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
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
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
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

Hour (LST)	2.5 F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	5 F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	10 F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	20 F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}
00	66	10	10	4.0	7.5	55	10	6	4.0	7.5	33	14	4	2.0	9.5	25	2	0	2.0	3.0
01	66	8	11	4.0	7.0	56	8	5	3.5	7.0	32	6	3	2.0	3.0	25	2	0	2.0	3.0
02	67	7	13	4.0	8.0	55	10	6	3.0	5.5	32	3	3	2.0	4.0	25	2	0	1.0	2.5
03	66	7	12	4.0	7.0	55	10	6	4.0	7.5	31	4	2	2.0	3.0	25	2	0	1.0	2.5
04	62	11	10	5.0	8.5	53	11	6	3.5	6.5	35	7	4	2.5	5.0	25	2	0	1.0	2.5
05	52	9	9	5.0	8.0	55	8	9	4.0	7.5	41	5	6	3.5	6.5	25	2	1	1.0	2.5
06	46	9	16	5.0	8.0	43	11	6	4.0	7.5	41	5	6	3.0	6.0	25	2	0	1.5	2.5
07	34	14	10	5.0	8.0	39	8	8	4.0	6.0	37	7	4	3.5	6.0	25	2	0	1.0	3.0
08	24	12	4	3.5	5.0	31	12	5	2.0	4.0	37	6	5	3.5	6.0	25	1	2	1.0	3.0
09	20	22	2	2.0	3.5	27	16	4	4.0	5.5	35	4	5	3.0	5.5	25	2	2	1.0	2.5
10	18	25	2	1.5	3.0	27	11	6	*3.0	*5.0	35	6	6	3.5	6.0	25	0	2	1.0	2.5
11	18	10	2	2.0	3.5	25	15	4	3.0	6.0	31	8	4	3.0	6.0	25	2	2	1.0	2.5
12	18	20	0	2.0	3.5	27	18	6	2.5	4.5	35	6	5	3.5	6.5	25	1	2	1.5	2.5
13	18	22	2	2.0	3.0	30	16	8	3.0	5.0	37	6	4	3.5	7.0	25	2	2	1.0	2.5
14	20	24	4	2.0	3.5	33	13	9	4.0	8.0	39	6	4	3.0	6.0	25	2	2	1.5	2.5
15	23	22	5	3.5	4.0	39	12	10	4.0	8.5	43	7	5	3.0	6.5	25	6	2	1.5	3.0
16	28	28	8	2.5	4.5	47	10	11	4.0	8.0	47	6	5	3.5	6.0	25	4	2	1.5	2.5
17	42	15	13	4.0	8.0	49	12	7	3.0	6.0	51	5	8	3.0	6.0	25	3	2	1.0	2.5
18	52	13	12	4.0	7.0	57	9	5	3.0	7.0	51	7	5	3.5	7.5	25	2	2	1.5	3.0
19	64	10	14	4.0	7.5	60	9	6	3.5	6.0	49	6	8	4.0	7.0	25	2	2	1.0	2.5
20	66	10	12	3.5	7.0	61	7	8	4.0	7.0	45	10	12	2.5	4.5	25	2	2	1.0	2.5
21	67	9	14	3.5	7.0	59	10	8	4.0	7.0	38	16	3	3.0	5.0	25	2	0	1.0	2.5
22	66	10	12	4.0	7.5	57	7	6	4.5	8.5	36	15	3	2.5	5.0	25	2	0	1.0	2.5
23	66	10	12	4.0	8.0	56	9	7	4.5	8.5	33	15	3	2.5	4.0	25	2	0	1.5	2.5

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 Bill, Wyoming Lat. 43.2 N Long. 105.2 W Month May 19 64

Frequency (Mc)

Hour (LST)	.013 Fam	Du	Dℓ	Vdm	Ldm	.051 Fam	Du	Dℓ	Vdm	Ldm	.160 Fam	Du	Dℓ	Vdm	Ldm	.495 Fam	Du	Dℓ	Vdm	Ldm
00	160	6	2	10.0	17.5	140	4	4	4.5	8.5	118	5	9	6.0	13.0	94	7	8	5.5	11.5
01	162	4	4	10.0	18.0	138	6	2	4.5	8.0	118	5	12	6.0	13.5	94	8	10	5.0	11.5
02	160	5	2	10.5	18.0	138	4	2	4.0	8.0	116	7	7	6.0	13.0	94	7	8	6.0	13.0
03	158	6	1	11.0	18.5	138	3	3	4.0	8.5	110	8	5	8.0	16.5	84	9	6	9.0	18.0
04	160	2	6	11.0	18.5	134	2	2	4.0	8.5	100	12	16	10.0	19.0	62	27	10	7.0	12.5
05	158	4	4	10.5	19.0	130	4	4	5.0	8.5	98	12	22	11.5	20.5	58	17	8	6.5	11.5
06	158	3	5	12.0	19.5	130	4	4	4.0	9.0	100	8	25	12.0	21.0	58	18	8	6.5	10.0
07	158	4	4	12.0	20.0	130	3	6	5.5	10.5	98	13	23	12.0	20.5	56	26	6	2.5	5.0
08	158	3	2	12.0	19.5	130	3	6	6.0	10.5	96	19	16	11.5	22.0	57	25	6	6.0	10.5
09	158	4	3	12.0	20.0	130	4	6	5.5	10.0	96	22	12	10.0	18.0	56	23	4	4.0	7.0
10	160	4	6	12.0	20.0	132	4	4	6.0	10.5	100	17	16	11.5	17.5	60	22	7	6.5	10.0
11	160	6	6	11.0	18.0	132	6	4	5.5	10.0	104	16	15	11.5	19.0	68	28	14	10.0	17.5
12	162	5	7	10.5	17.0	134	8	6	6.0	10.0	108	20	17	11.0	19.5	75	34	19	9.0	17.5
13	164	5	6	9.5	16.0	134	12	4	6.0	10.0	112	17	14	11.0	20.0	80	29	18	11.0	18.0
14	164	6	5	10.0	16.0	135	11	4	6.5	10.5	114	15	16	11.0	18.5	82	28	24	11.0	18.0
15	164	6	4	8.0	14.0	136	12	4	5.0	9.0	118	13	20	9.0	15.0	82	29	23	7.5	12.5
16	164	6	4	8.5	14.5	138	8	6	7.5	11.0	116	15	18	8.5	14.0	87	25	27	7.0	13.5
17	164	5	6	8.5	14.0	138	7	7	6.0	11.0	116	13	16	6.5	12.5	83	24	26	6.5	11.5
18	166	6	6	8.0	14.0	138	9	7	5.5	10.0	116	13	14	6.0	11.0	84	24	22	6.0	11.0
19	164	5	6	8.0	14.0	138	7	8	5.5	9.5	116	13	9	5.0	9.5	90	14	12	4.0	8.0
20	164	4	4	8.0	14.0	140	5	6	5.5	10.0	120	8	8	4.5	10.0	94	8	9	4.0	8.0
21	164	3	5	9.0	15.5	140	5	4	4.5	9.0	118	9	7	6.0	12.0	94	10	8	5.0	10.0
22	162	5	4	9.5	17.0	140	5	5	4.5	8.5	120	6	10	5.5	11.5	96	8	9	5.5	12.0
23	162	6	4	10.0	17.5	140	4	5	4.0	8.0	118	6	8	6.5	13.0	94	8	10	5.5	12.0

Hour (LST)	2.5 Fam	Du	Dℓ	Vdm	Ldm	5 Fam	Du	Dℓ	Vdm	Ldm	10 Fam	Du	Dℓ	Vdm	Ldm	20 Fam	Du	Dℓ	Vdm	Ldm
00	71	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	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	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	69	6	7	5.0	10.0	51	6	4	4.5	8.5	35	11	4	2.5	4.5	27	0	0	1.5	2.5
04	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	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	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	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	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	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	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	23	28	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	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	25	45	4	3.0	6.0	36	24	8	4.5	9.0	39	7	6	3.5	7.0	27	5	2	1.5	3.5
14	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	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	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	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	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	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	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	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	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	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_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 Boulder, Colorado Lat. 40.1 N Long. 105.1 W Month March 19 64

Hour (LST)	Frequency (Mc)																																							
	.013					.051					.160					.495					2.5					5					10					20				
	F_{om}	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_{om}	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_{om}	D_u	D_ℓ	V_{dm}	L_{dm}
00	155	12	4	13.5	19.0	131	8	9	6.0	10.0	101	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	13.5	19.0	130	11	5	5.0	9.0	103	14	9	9.5	16.0	87	12	9	8.0	14.5	58	14	6	4.5	7.0	58	6	6	6.0	10.0	34	10	2	3.0	4.0	23	2	0	2.0	3.5
02	155	11	3	13.5	20.0	129	12	4	7.0	11.0	104	10	12	10.0	17.5	84	16	8	6.0	11.5	58	12	8	4.5	8.0	56	7	5	5.0	9.5	34	9	3	2.5	3.5	25	1	2	2.0	3.5
03	155	9	3	13.5	20.0	129	10	4	6.0	10.0	104	11	12	10.0	15.5	86	12	12	8.0	16.0	60	10	9	5.0	8.0	56	6	5	5.0	10.0	34	4	2	2.5	4.5	25	0	2	2.0	3.5
04	155	8	3	14.0	20.5	131	7	4	6.0	9.5	100	15	14	10.5	18.0	80	14	10	8.5	16.0	58	11	6	5.0	8.0	56	6	5	5.0	9.5	35	7	3	3.0	5.0	23	2	0	2.0	4.0
05	153	8	2	13.5	20.0	129	6	3	*4.0	*8.0	92	16	10	7.5	11.0	68	13	3	5.0	7.0	56	11	6	4.5	7.0	54	6	3	6.0	10.0	40	4	7	3.0	6.0	23	2	0	1.5	3.0
06	153	4	3	12.5	18.5	124	8	5	*5.0	*9.0	84	16	4	4.5	7.5	64	10	3	3.0	5.0	50	10	2	5.5	9.0	48	5	2	5.0	9.0	41	4	5	3.5	6.5	23	2	0	2.0	3.5
07	151	6	4	13.5	19.0	125	5	6	4.5	9.0	82	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	12.5	19.0	119	8	6	4.5	9.0	82	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	13.0	18.0	113	12	3	6.0	10.0	82	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	11.0	16.0	117	7	5	4.0	8.5	80	16	0	3.0	6.0	68	2	4	2.5	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	2.0	4.0
11	151	8	4	11.0	16.5	119	8	5	4.0	8.0	82	14	4	5.0	8.5	66	4	2	2.5	4.0	44	4	2	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	11.0	17.0	123	8	6	4.0	8.0	82	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	11.0	16.0	121	7	4	4.0	8.0	82	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	*11.0	*16.5	121	8	4	3.5	7.0	84	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	*11.5	*18.0	119	6	2	5.0	8.5	84	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	13.5	19.0	119	14	4	5.0	9.0	86	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	13.0	19.0	125	8	8	4.5	13.5	96	8	12	8.0	12.5	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	13.5	19.5	127	6	6	4.0	8.0	101	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	15.0	19.5	127	12	4	6.0	8.0	100	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	15.0	21.0	129	10	6	4.0	8.5	100	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	16.0	22.0	129	12	5	6.0	10.5	102	14	8	8.5	15.0	84	17	6	7.0	11.5	58	12	6	5.5	9.0	56	8	3	5.5	9.5	37	14	7	3.0	5.5	23	2	2	2.5	4.5
22	155	13	5	14.5	20.0	129	12	6	4.5	8.0	102	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	15.0	21.0	131	8	8	7.0	11.0	100	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

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

MONTH-HOUR VALUES OF RADIO NOISE

Station Boulder, Colorado Lat. 40.1 N Long. 105.1 W Month April 19 64

Frequency (Mc)

Hour (LST)	.013 Fam	Du	Dℓ	Vdm	Ldm	.051 Fam	Du	Dℓ	Vdm	Ldm	.160 Fam	Du	Dℓ	Vdm	Ldm	.495 Fam	Du	Dℓ	Vdm	Ldm
00	160	7	5	10.0	16.5	137	6	8	7.0	11.0	117	4	15	6.0	10.5	97	9	13	4.5	9.0
01	161	6	6	11.0	17.0	135	10	6	7.0	11.5	113	8	10	8.0	13.0	96	11	12	6.0	11.0
02	161	6	6	11.0	18.0	133	11	3	7.0	11.0	115	6	14	7.5	13.0	95	10	13	6.0	10.0
03	161	6	6	12.0	16.5	135	10	6	6.0	10.5	113	10	14	8.0	13.5	95	9	16	5.0	10.0
04	160	7	5	11.5	17.5	131	9	4	6.0	10.0	99	18	6	7.5	12.0	75	25	7	*7.0	*10.0
05	159	6	6	12.0	18.0	131	8	2	6.0	11.0	91	20	10	6.0	10.0	66	12	3	4.0	7.0
06	157	6	6	11.5	17.5	128	13	8	6.5	10.5	83	28	3	5.0	9.0	65	8	4	3.0	5.0
07	159	6	10	11.0	17.0	129	8	12	6.5	10.0	92	16	11	7.0	10.0	67	16	4	3.0	5.0
08	158	7	7	10.5	16.0	127	10	13	6.5	11.0	92	19	13	5.5	9.0	67	15	4	*3.0	*5.0
09	158	7	7	12.0	17.0	127	11	12	7.5	11.0	95	16	15	7.0	11.0	69	12	6	3.5	6.0
10	158	8	5	12.5	17.0	128	8	12	7.5	12.0	95	15	15	8.0	11.5	70	9	5	4.5	7.5
11	161	4	10	11.0	16.0	129	8	10	6.5	11.0	99	14	18	7.0	11.0	71	18	6	4.0	6.0
12	159	8	6	11.5	17.0	131	6	12	8.0	12.0	99	14	18	8.5	13.0	69	15	6	3.0	5.0
13	161	5	8	11.0	15.5	131	7	10	8.0	13.0	102	14	18	8.0	14.0	71	18	4	3.5	6.5
14	163	5	9	11.0	16.5	133	6	14	7.5	11.5	107	8	26	8.0	13.0	75	16	9	3.5	6.0
15	163	5	10	10.5	15.0	133	8	15	8.0	12.0	108	10	24	7.0	12.0	75	16	9	3.5	6.0
16	163	4	8	10.5	15.0	133	6	9	7.0	11.5	111	8	28	5.5	10.0	75	12	13	4.0	6.5
17	163	4	10	9.0	15.0	133	8	16	6.5	10.0	112	7	29	6.0	10.0	75	13	9	4.0	6.0
18	161	4	10	9.5	15.0	133	8	10	6.5	11.0	110	11	17	6.0	10.5	89	8	17	4.0	7.5
19	161	6	8	10.0	16.0	137	6	10	6.5	11.0	115	8	12	6.0	10.0	93	11	14	5.0	10.0
20	161	6	6	10.5	16.0	137	8	9	6.5	11.0	114	9	14	6.0	11.0	95	10	30	6.0	10.0
21	163	4	8	11.0	17.0	138	5	7	6.0	11.0	115	8	10	7.0	12.5	95	10	10	5.5	10.0
22	161	6	4	12.0	18.0	137	8	8	6.5	11.0	115	8	14	8.0	12.0	95	10	9	6.0	11.0
23	161	6	6	12.0	17.5	137	8	8	7.0	11.0	115	6	14	6.0	11.5	95	9	10	5.0	9.0

Hour (LST)	2.5 Fam	Du	Dℓ	Vdm*	Ldm*	5 Fam	Du	Dℓ	Vdm*	Ldm*	10 Fam	Du	Dℓ	Vdm*	Ldm*	20 Fam	Du	Dℓ	Vdm*	Ldm*
00	66	11	10	6.0	10.5	58	8	4	6.0	10.0	37	10	4	3.5	6.0	19	2	0	2.0	3.5
01	65	12	10	7.5	11.5	58	9	4	5.5	9.0	36	7	3	3.0	5.0	19	2	0	2.0	3.5
02	67	10	11	5.5	10.5	59	9	5	5.0	8.5	35	9	2	3.5	5.0	19	2	1	1.5	4.0
03	67	9	10	5.5	8.5	58	8	6	7.0	11.0	37	7	4	5.0	7.0	19	2	0	2.0	3.5
04	65	11	14	8.0	13.0	56	12	5	5.5	9.0	39	6	6	3.5	5.5	19	2	2	3.0	4.0
05	56	14	8	5.0	7.0	55	11	8	6.0	10.5	41	7	4	3.5	6.0	19	2	2	2.0	3.0
06	49	11	6	8.5	11.5	45	11	5	3.5	5.0	41	8	7	4.0	6.0	19	2	1	2.0	3.0
07	47	9	7	2.0	3.0	44	9	8	2.0	4.0	40	7	5	5.0	6.0	21	0	2	2.0	4.0
08	45	5	4	3.0	4.0	40	10	5	2.5	4.0	39	6	5	4.5	6.5	21	1	4	1.5	3.0
09	47	4	7	3.0	4.5	40	9	5	2.5	5.0	37	6	6			19	4	0	3.0	5.0
10	47	5	7	5.0	9.0	40	5	7	2.5	4.0	37	7	6	4.0	5.0	21	0	2	3.0	4.5
11	49	5	8	3.0	4.5	40	6	6	2.5	4.0	37	5	6	5.0	7.5	19	5	0	3.5	5.0
12	47	3	5	2.5	4.0	40	5	7	2.5	4.0	37	6	6	6.0	8.5	19	4	1	3.0	5.0
13	47	2	7	3.0	4.0	42	8	8	3.0	5.0	39	6	4	5.0	7.0	21	2	2	3.0	5.0
14	49	2	6	2.5	4.0	44	10	8	5.0	7.0	43	6	6	5.0	7.0	21	2	2	1.5	3.0
15	49	3	6	2.0	4.0	46	10	9	5.5	9.0	45	4	6	3.5	5.0	21	2	2		
16	49	7	5	3.0	3.5	48	10	5	5.5	9.5	49	3	5	5.0	7.5	21	2	2	4.0	6.0
17	53	8	9	5.0	7.5	56	8	9	3.5	6.5	51	4	5	4.0	6.0	21	3	2	3.0	4.0
18	61	8	10	4.0	7.0	62	6	7	3.5	6.0	53	4	6	2.5	4.5	21	2	4	3.5	5.0
19	69	8	11	4.0	7.0	64	6	6	5.0	8.0	51	5	4	7.0	10.0	19	4	2	2.5	3.5
20	69	11	12	6.0	10.0	62	9	5	5.5	8.5	49	8	11	4.0	6.0	21	2	2	2.0	3.0
21	69	9	12	5.5	10.5	62	7	7	5.0	8.5	41	11	6	4.0	7.0	19	4	2	1.5	3.0
22	67	12	11	5.0	9.0	60	6	8	5.5	9.0	40	12	4	4.5	6.0	19	2	0	2.0	3.5
23	67	11	12	6.0	10.5	58	8	4	7.0	11.0	38	11	5	4.0	6.0	21	0	3	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

MONTH-HOUR VALUES OF RADIO NOISE

Station Boulder, Colorado Lat. 40.1 N Long. 105.1 W Month May 1964

Frequency (Mc)

Hour (LST)	.013 Fom	.013 Du	.013 Dℓ	.013 Vdm	.013 Ldm	.051 Fom	.051 Du	.051 Dℓ	.051 Vdm*	.051 Ldm*	.160 Fom	.160 Du	.160 Dℓ	.160 Vdm	.160 Ldm	.495 Fom	.495 Du	.495 Dℓ	.495 Vdm	.495 Ldm
00	159	8	2	*11.5	*18.0	137	8	6	7.5	11.5	116	4	7	*7.5	*13.5	96	7	9	*6.5	*11.5
01	161	7	4	*12.0	*17.0	137	9	6	7.0	11.5	116	8	9	*6.0	*11.0	94	9	7	*5.0	*10.0
02	161	6	6	*12.5	*20.0	137	8	4	7.5	13.0	114	10	8	*7.0	*12.0	94	6	7	*7.0	*12.5
03	161	4	9	*11.0	*17.0	135	7	8	7.0	11.5	114	4	10	*8.0	*14.0	88	8	8	*8.0	*12.5
04	159	4	6	*11.5	*17.5	131	9	6	6.0	11.0	98	17	11	*8.0	*14.0	68	22	5	*4.0	*7.0
05	155	9	4	*11.0	*17.0	127	10	7	7.0	11.0	96	20	12	*6.0	*10.0	66	25	5	*3.0	*5.0
06	155	8	6	*12.0	*18.0	129	6	9	6.0	10.0	95	18	11	*8.0	*13.0	66	15	4	*2.0	*4.0
07	157	7	8	*13.0	*19.0	127	9	8	8.0	12.5	94	20	10	*7.0	*10.0	66	23	4	*3.5	*5.5
08	159	6	7	*11.0	*17.0	130	3	5	8.5	12.5	94	22	13	*11.0	*17.5	66	24	4	*3.0	*4.0
09	158	8	7	*14.0	*20.5	129	11	10	8.0	13.0	99	16	14	*7.0	*12.5	66	27	5	*3.5	*6.0
10	159	8	3	*14.0	*20.5	128	8	7	8.5	14.0	98	20	12	*7.5	*12.0	68	24	6	*3.5	*6.0
11	161	6	8	*11.0	*17.5	130	5	7	6.0	10.0	110	12	24	*7.0	*12.5	76	31	13	*4.0	*6.5
12	163	6	8	11.5	16.0	133	6	8	8.5	13.0	113	10	19	*9.0	*14.0	76	34	12	*6.0	*8.0
13	163	6	6	*11.0	*18.0	133	2	6	7.0	12.0	112	15	16	8.5	14.0	80	26	14	11.5	15.0
14	163	10	6	10.0	16.0	138	9	8	8.0	12.5	118	8	20	8.5	13.5	94	11	22	8.5	14.0
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
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
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
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
19	165	6	8	*8.0	*13.0	139	5	7	7.0	9.0	118	10	8	*5.0	*10.0	92	12	14	5.5	9.5
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
21	164	5	8	10.0	15.5	139	7	7	6.5	11.0	118	8	6	6.5	10.5	98	6	8	5.0	10.0
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
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

Hour (LST)	2.5 Fom	2.5 Du	2.5 Dℓ	2.5 Vdm	2.5 Ldm	5 Fom	5 Du	5 Dℓ	5 Vdm	5 Ldm	10 Fom	10 Du	10 Dℓ	10 Vdm	10 Ldm	20 Fom	20 Du	20 Dℓ	20 Vdm*	20 Ldm*
00	68	10	6	*5.0	*10.0	60	6	3	*3.0	*7.5	42	6	7	*2.5	*5.0	25	2	2	2.0	3.0
01	70	8	8	4.5	9.0	60	6	4	4.5	8.5	39	8	4	*2.5	*4.0	25	0	2	1.5	3.0
02	70	8	6	5.0	10.0	60	4	4	4.0	7.5	37	9	4	*3.0	*6.0	23	2	0	2.0	3.0
03	68	8	8	6.0	10.0	58	6	4	5.0	9.0	37	10	2	*3.0	*5.0	25	0	2	1.5	3.0
04	64	8	8	6.0	10.5	56	8	6	*6.0	*10.0	40	3	5			23	2	2	1.0	3.0
05	50	14	4	*3.0	*5.0	50	12	8	*5.0	*8.0	41	4	4	3.0	6.0	25	0	4	1.0	3.0
06	48	6	6	*6.0	*8.0	44	10	9	*4.0	*6.0	39	6	2	*4.5	*7.0	23	4	0	1.5	3.0
07	48	4	4	*2.0	*3.0	42	10	4	*5.0	*8.0	39	8	6	*4.5	*7.0	25	2	2	2.0	4.0
08	46	6	4	*8.0	*11.0	40	8	2	*4.5	*7.5	37	4	2	*5.0	*7.0	23	6	0	1.0	3.0
09	46	6	4	*8.0	*12.5	38	6	2	*3.0	*5.0	37	8	6	3.5	6.0	24	4	1	1.5	3.0
10	48	7	6	*5.0	*7.5	40	9	8	2.0	4.0	37	8	6	*3.0	*5.0	23	6	2	2.0	3.0
11	48	12	10	*8.5	*13.5	41	11	7	*3.5	*5.0	37	8	6	*4.5	*10.0	25	2	4	2.0	3.0
12	48	15	7	*8.5	*12.5	40	14	12	*4.0	*7.0	39	4	6	*4.0	*7.0	25	4	8	1.5	3.0
13	48	14	6			42	14	8	*3.0	*5.5	39	4	4	*4.0	*7.0	25	4	4	2.0	3.5
14	51	13	11	*4.0	*7.5	44	12	6	2.5	6.0	41	8	4	3.0	6.0	25	4	2	2.0	3.0
15	52	12	8	*5.0	*7.0	48	14	8	3.5	6.0	43	6	5	*4.0	*7.0	25	9	2	2.0	4.0
16	50	25	7	*3.0	*4.0	50	11	9	*4.0	*7.0	46	6	5	*2.0	*5.0	25	4	4	2.5	4.0
17	54	14	9	*6.0	*10.0	54	8	11	4.0	7.5	49	7	5	3.0	5.0	25	4	2	2.5	4.0
18	59	9	9	*4.5	*8.0	60	6	9	2.5	4.5	51	5	4	3.0	5.0	27	2	4	3.0	4.5
19	70	2	12	3.5	6.0	66	6	12	3.0	5.0	52	4	5	2.0	5.0	25	4	2	2.0	3.0
20	71	7	7	5.0	8.0	66	4	10	*3.5	*6.0	51	5	7	4.0	6.0	25	2	2	2.0	3.0
21	71	7	7	4.5	7.5	64	6	6	4.0	8.0	47	8	7	*2.0	*4.0	25	2	2	1.5	2.5
22	70	8	10	4.0	7.5	62	5	7	4.0	7.5	44	8	6	*2.5	*4.0	25	2	2	2.0	3.5
23	70	8	11	5.0	8.0	62	4	7	5.0	8.5	44	8	8	*2.5	*5.0	25	2	2	2.0	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

USCOMM-NBS-DL

MONTH-HOUR VALUES OF RADIO NOISE

Station Cook, Australia Lat. 30.6 S Long. 130.4 E Month March 1964

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
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	10.5	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	10.5	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	10.0	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	*11.0	*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	*9.0	*16.0	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	*3.5	*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	2.5	3.5
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	3.0	3.5
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	2	0	2.5	3.5
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	3.0	4.0
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	2	4	6.5	9.0	24	3	2	*3.5	*6.0	22	2	1	2.5	3.0
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	0	*6.5	*9.0	17	5	4	5.5	8.0	24	5	3	*3.5	*5.5	22	2	2	2.5	3.5
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	*5.0	19	1	0	*4.0	*5.5	19	7	5	*5.5	*8.0	26	4	2	*5.5	*8.0	*22			3.0	4.0
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			*4.0	5.0	*21			*4.5	*8.0	27	7	3	*4.0	*6.5	22	4	0	2.5	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	3.5	5.5
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	3.5	4.5
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	3.0	3.5
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	2.5	2.5
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	2.5	3.0
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	12.0	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	150	90	6	8	8.5	16.0	61	6	7	6.5	12.0	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_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 Cook, Australia Lat. 30.6 S Long. 130.4 E Month April 1964

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
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	15.0	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	57	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	55	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	*25.0	44	19	4	*5.5	*8.0	41	16	2	*9.5	*15.0	45	8	5	*5.5	*9.0	36	5	3	4.5	6.5	24	0	2	2.5	3.5
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	3.0	4.0
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	2.5	4.0
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	2.5	4.0
11	153	3	2	13.0	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	3.0	4.5
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	3.0	4.0
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	3.0	4.5
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	3.0	5.0
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	2.5	4.0
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	2.5	3.5
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	*10.0	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	15.0	92	9	8	8.0	13.0	61	9	6	6.0	10.5	55	4	6	6.0	10.0	38	7	2	5.0	7.5	22	0	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 Cook, Australia Lat. 30.6 S Long. 130.4 E Month May 19 64

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	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_{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_{om}	D_u	D_ℓ	V_{dm}	L_{dm}
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	4	3	5.0	7.0	36	4	4	*3.5	*5.0	23	2	2		
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	5.0	8.0	36	5	2	*2.5	*5.0	23	2	2		
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	23	2	2		
03	158	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	23	2	2		
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	25	0	4		
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	25	0	4		
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	25	0	3		
07	156	2	4	10.0	14.5	117	9	4	8.5	14.5	72	20	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	25	0	3		
08	152	4	2	9.0	15.0	111	12	5	10.0	16.5	66	25	10	*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	23	2	1	2.5	4.0
09	152	5	4	10.5	17.0	109	12	8	11.0	18.0	68	29	8	10.0	17.0	40	13	1	*3.5	*6.0	21	9	2	*7.5	*11.5	22	16	4	*3.0	*4.5	28	6	2	*4.5	*7.0	23	2	1		
10	152	6	3	11.0	17.0	107	12	2	13.0	19.5	67	31	5	10.0	18.0	41	10	2	*2.5	*4.0	21	4	2	*6.0	*8.5	19	11	2	*7.0	*9.0	26	4	2	*2.5	*4.0	23	0	2	3.0	2.5
11	152	6	2	12.0	18.0	109	11	4	*12.5	*20.0	70	17	8	*9.5	*15.0	39	10	2	3.0	4.0	21	5	2	*5.5	*9.0	19	13	4	*7.0	*14.0	26	4	4	*2.5	*4.0	23	0	2		
12	152	4	3	12.0	19.5	111	9	4	13.0	21.0	70	17	7	10.5	17.0	41	9	2	*3.5	*6.0	19	8	0			17	8	2	*6.0	*8.0	26	4	2	*2.5	*4.0	23	1	3		
13	152	4	2	12.0	19.5	111	8	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	23	1	3		
14	*153			10.5	17.0	*113			10.0	17.0	*80			*8.5	*16.0	43	15	5	*11.0	*17.5	*23					*29					*30					23	2	1	3.0	4.0
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			23	13	6	*8.0	*12.0	34	5	4	*3.0	*5.5	23	2	1	2.5	4.0
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	23	2	0	3.0	4.5
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	23	2	1		
18	153	5	1	8.5	13.5	117	10	6	12.0	18.0	96	10	6	10.0	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	23	0	2		
19	156	2	3	8.0	13.0	123	8	3	10.0	16.0	101	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	23	2	2		
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	23	2	2	2.5	3.0
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	23	2	2		
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	2	2		
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	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

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 60-70 S Long. 52.5-67.5 W Month March 19 64

Hour (LST)	Frequency (Mc)																																	
	.013					.051					.160					.495					2.5					5					10					20				
	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm
00	152			12.5	20.0	127			10.5	15.0	103			7.5	13.0	89			5.5	11.0	60					55					38					30				
01	155			11.0	18.0	130			8.5	14.0	106			7.0	13.0	89			6.5	11.5	59					56					36					29				
02	155			14.0	20.5	128			9.5	14.0	100			8.5	14.0	89			6.0	11.0	59					56					38					31				
03	155			11.5	19.0	126			9.0	13.5	102			8.0	12.5	83			6.5	10.5	59					64					40					31				
04	151			10.5	18.0	124			11.0	15.0	100			8.5	15.0	83			4.5	9.0	53					64					38					35				
05	151			14.5	20.0	118			8.0	12.0	82			13.5	23.0	65			8.0	16.0	49					56					36					33				
06	151			13.5	20.0	114			10.5	16.0	76			10.0	15.0	67			4.5	6.0	39					56					34					31				
07	149			14.0	20.5	110			12.0	19.5	73			7.5	10.5	71			3.0	5.5	35					40					30					31				
08	151			11.5	17.0	108			11.0	16.0	69			11.0	13.5	65					35					38					31					32				
09	151			13.0	19.0	108			10.0	15.5	66			4.0	6.5	79			3.0	6.5	37					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					31					28					30				
11	152			10.0	15.0	113			9.5	15.5	76					89			3.5	6.5	31					29					31					30				
12	154			9.5	15.0	117			9.0	15.0	81			19.0	26.5	86			6.5	10.0	31					30					28					30				
13	156			8.0	13.0	118			7.0	11.5	89			13.5	24.5	84					34					30					30					35				
14	156			8.0	12.0	117			7.0	11.0	87			16.0	26.0	74			3.5	6.0	57					35					30					32				
15	156			7.0	11.0	116			6.0	10.0	92			17.0	28.0	75			3.0	6.0	42					36					33					30				
16	157			6.5	11.0	115			7.0	11.0	81					70			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					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					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					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					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					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					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					59					36					31				

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 USNS Eltanin Lat. 60-70 S Long. 37.5-52.5 W Month March 19 64

Frequency (Mc)

Hour (LST)	.013 Fam	Du	Dℓ	Vdm*	Ldm*	.051 Fam	Du	Dℓ	Vdm*	Ldm*
00	149	10	5	10.5	17.0	126	8	7	10.5	15.0
01	151	8	6	10.0	17.0	126	7	9	9.0	14.0
02	151	9	6	14.0	21.5	124	10	8	7.0	11.0
03	153	6	9	12.0	18.5	126	7	11	8.0	12.0
04	153	8	9	12.5	20.0	126	8	10	9.0	14.0
05	153	8	11	15.5	25.0	122	8	8	6.0	9.5
06	149	10	6	15.0	23.5	114	10	3	8.5	13.0
07	149	6	11	12.0	18.5	112	8	6	10.0	13.5
08	147	8	10	9.5	14.0	110	10	9	12.5	19.0
09	*149					*110				
10	149	8	5	8.0	13.0	110	6	8		
11	149	6	4	8.0	12.5	108	10	6	7.5	12.0
12	149	5	4	8.0	12.5	108	10	8	9.0	13.5
13	149	6	4	9.5	15.0	110	9	7	9.0	15.0
14	151	4	7	10.0	15.0	112	4	8	9.5	15.0
15	151	5	5	9.5	15.5	112	5	8	6.0	10.0
16	151	4	3	8.5	15.0	110	7	5	7.5	13.0
17	151	4	8	8.5	14.0	110	8	4	7.0	11.0
18	149	6	5	9.5	15.0	112	8	4	8.5	13.0
19	149	9	3	8.5	14.0	116	6	7	7.0	11.5
20	153	6	6	9.0	14.5	118	10	5	6.5	12.0
21	151	8	4	10.0	15.5	122	10	6	9.0	15.0
22	151	9	4	11.0	18.0	124	11	8	9.0	14.5
23	149	10	4	10.0	17.0	124	10	5	10.0	16.0

Hour (LST)	.160 Fam	Du	Dℓ	Vdm*	Ldm*	.495 Fam	Du	Dℓ	Vdm*	Ldm*
00	96	14	5	10.0	17.5	83	11	4	8.0	15.0
01	100	9	12	6.5	13.0	83	11	11	7.0	13.5
02	98	9	10	8.5	15.0	85	9	13		
03	102	5	17	10.0	17.0	87	6	16	6.5	12.5
04	100	6	13	11.0	19.5	85	8	12	12.0	22.0
05	92	10	12			73	8	13		
06	72	13	6	6.5	8.5	*53			3.5	5.0
07	*67			4.5	6.5	*47			5.0	7.5
08	*70			9.0	12.0	*70				
09	*68			7.0	10.0	*55			2.0	4.5
10	*68			5.0	6.5	*55			3.0	6.0
11	*66			6.0	8.0	*52			3.0	5.0
12	*66					*56			2.0	4.0
13	*66			6.0	8.0	*51			2.5	4.5
14	*66					77	9	13	12.5	24.0
15	67	9	3	9.0	14.0	*49			7.5	9.5
16	*67			4.0	7.0	*53				
17	82	3	12	5.5	8.0	*79				
18	84	9	18	7.0	9.0	61	19	6	11.0	16.0
19	88	6	12	5.5	8.0	77	11	8	6.0	12.0
20	92	10	11	5.5	8.5	85	5	13	5.0	10.0
21	96	12	9	7.0	12.5	85	8	10	8.5	14.0
22	98	10	9	9.0	15.0	85	7	10	8.5	16.0
23	98	12	6	9.0	15.0	87	8	8	7.0	14.0

Hour (LST)	2.5 Fam	Du	Dℓ	Vdm*	Ldm*	5 Fam	Du	Dℓ	Vdm*	Ldm*
00	55	10	4	3.0	6.0	58	7	6	2.5	5.0
01	57	9	7	2.0	5.0	52	8	5	2.5	6.0
02	55	6	6	3.0	5.5	56	5	15	2.5	5.5
03	57	6	12	3.5	6.0	54	10	9		
04	55	8	12	6.5	11.0	60	3	6	3.0	6.0
05	51	15	6	4.0	8.5	62	4	10	3.0	6.0
06	45	7	4	6.0	11.0	54	8	5	3.0	6.5
07	37	17	10	2.0	4.5	48	12	6		
08	31	11	2	3.0	6.0	40	8	6	4.5	8.0
09	*31					*36			7.0	11.0
10	31	5	4	2.5	5.0	34	4	5	9.0	11.0
11	35	2	9			34	4	5	7.0	11.0
12	29	11	3	2.5	4.5	32	7	2	7.0	10.0
13	27	10	3	2.0	4.5	32	5	5	7.0	9.0
14	29	10	4	2.5	5.0	32	5	6	7.0	9.0
15	35	21	10	13.0	22.0	34	8	7	4.5	7.0
16	31	14	4	3.0	5.0	44	5	9	4.0	7.0
17	35	15	3	3.5	6.0	46	5	6		
18	43	13	6	5.5	8.5	48	5	4	3.0	5.0
19	53	5	10			52	6	4	3.5	5.5
20	61	2	12	3.5	6.5	56	3	7	2.5	5.0
21	57	6	6	4.0	7.5	56	4	6	3.0	5.5
22	55	7	5	3.5	7.0	56	4	5	3.0	5.5
23	55	9	7	2.5	5.5	54	9	2	2.0	5.0

Hour (LST)	10 Fam	Du	Dℓ	Vdm*	Ldm*	20 Fam	Du	Dℓ	Vdm*	Ldm*
00	36	4	6	3.0	5.0	29	2	0	1.0	2.5
01	34	6	3	2.0	4.5	29	3	0	2.0	3.5
02	34	6	2	2.0	4.0	29	2	0	2.0	3.0
03	34	5	2	3.0	5.0	31	2	2	2.0	4.0
04	36	17	4	2.0	4.0	31	5	2	2.0	3.0
05	34	10	2	2.0	4.0	31	10	2	1.5	3.5
06	34	15	2	4.0	6.0	31	13	2	2.0	4.5
07	32	8	1	1.5	3.5	29	6	0	2.0	3.5
08	30	10	2	4.0	7.0	*32			1.0	2.5
09	29	9	2	2.5	4.0	*30				
10	28	4	1	2.5	4.5	31	3	2	2.5	5.0
11	26	4	0	2.0	3.0	31	2	2	2.0	4.0
12	28	4	2	1.5	3.0	31	1	2	2.0	4.0
13	28	4	2	2.0	4.0	29	2	0	2.5	4.0
14	30	5	2	2.0	4.0	35	12	6	6.0	9.0
15	34	13	4	2.5	5.0	29	5	1	3.0	5.0
16	36	11	4	3.5	5.5	31	2	2	3.0	5.0
17	38	17	5	3.0	5.5	33	20	4	2.0	3.0
18	38	8	4	3.0	5.5	31	4	2	2.5	4.0
19	36	5	3	3.0	6.0	29	4	2	2.0	3.5
20	38	4	5	4.0	6.5	29	11	0	2.0	4.0
21	36	2	4	2.5	4.5	31	3	3	2.0	3.5
22	36	5	5	4.0	6.5	31	2	3	3.5	4.5
23	34	6	4	3.0	5.0	31	7	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

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 60-70 S 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_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}	F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}
00	147			10.0	16.5	115					85			4.0	7.5	78			5.0	11.0	53					53					40					31				
01	142			10.0	16.0	118			8.0	12.5	86			7.5	14.0	77			7.0	14.0	53					56					34					31				
02	149			11.0	18.0	118			8.0	13.5	88			6.0	12.0	75			4.5	10.0	53					48					36					29				
03	149			12.5	20.0	120			8.0	12.5	86			7.5	14.0	75			5.5	12.0	53					50					36					31				
04	149			12.5	21.0	118			9.0	14.0	88			8.5	15.0	73					53					50					36					31				
05	147			12.0	19.0	118			9.0	13.0	84					75					53					56					36					33				
06	149			11.0	17.0	116			6.5	10.0	79					75					53					60					34					29				
07	147			7.0	11.0	113			11.0	16.0	64			4.5	7.0	87					53					54					38					31				
08	145			3.0	5.5	109			11.0	15.5											35					38					32					29				
09	127			2.0	4.0	105			11.0	17.0	66										33					33					30									
10	147					104			8.0	12.5						49			4.0	7.0	35					32					30					29				
11	138					99			9.5	14.0						49					34					31					30					30				
12	143			9.0	14.0	104			9.0	13.0	68			10.0	12.0	47			6.0	11.0	33					28					26					31				
13	145			8.0	13.0	104			9.5	14.0	75			6.5	9.0	49			4.0	6.5	31					28					26					31				
14	145			11.0	16.0	107			8.0	13.0	68					51					34					29					28					30				
15	146			10.5	16.0	107			8.0	13.0	67			13.0	18.0	75			10.5	27.0	34					30					32					33				
16	146			9.5	14.5	108			7.0	12.0	66			6.5	10.0	59					36					41					33					30				
17	149			8.0	12.5	111			6.5	11.0	84			3.5	5.0	52			4.0	6.5	41					41					34					31				
18	148			8.0	13.0	113			7.5	11.5	82			7.0	11.0	58			5.5	8.5	50					45					38					35				
19	148			8.0	13.5	113			7.5	12.0	83			4.5	7.0	69			5.5	9.5	52					52					35					29				
20	149			9.0	14.5	117			8.0	13.5	86			6.5	11.5	75			5.0	10.5	57					53					36					30				
21	151			9.5	15.0	118			7.0	12.5	89			7.0	12.0	76			6.0	11.5	58					55					36					29				
22	150			10.0	16.0	118			7.0	12.0	88			5.0	8.5	76			6.0	11.0	56					54					34					29				
23	149			10.0	15.5	119			8.5	14.0	88			6.0	11.5	75			6.0	10.0	51					57					32					29				

F_{am} = median value of effective antenna noise in db obave ktb
D_u = ratia of upper decile to median in db
D_ℓ = ratio af medion to lower decile in db
V_{dm} = median deviation of average voltage in db below mean power
L_{dm} = median deviatian of average lagarithm in db below meon pawer

MONTH-HOUR VALUES OF RADIO NOISE

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

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495					2.5					5					10					20				
	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm
00	155			11.0	17.0	130			6.0	9.5	112			5.0	9.0	93			5.5	11.0	61					58					44					31				
01	155			12.0	19.0	130			7.0	11.0	114					93			6.0	12.0	63					62					46					33				
02	153			12.0	19.0	130			6.5	10.0	112			4.5	8.0	91			4.5	7.5	65					60					46					33				
03	155			11.0	18.0	132			8.5	13.5	112			4.0	8.0	93			4.0	7.5	61					60					40					31				
04	157			13.0	21.0	130			8.5	13.0	100					77					63					62					38					31				
05	155					126			8.0	13.0	94			11.5	21.0	71					53					56					40					31				
06	155			11.5	18.0	122			8.5	15.0	86			13.0	24.0	63					43					46					38					33				
07	151			11.0	17.0	116			12.5	21.0	82					65			18.0	28.0	35					42					34					35				
08	149			11.0	16.0	111			10.0	18.0	82										39					32					39									
09	151					111			12.5	20.0	77					65			5.5	8.5						31					31					36				
10	151			12.0	17.0	114			7.5	14.0	84			15.0	26.0	67					37					30					32					31				
11	151			8.0	14.0	114			8.0	14.0	84			13.5	23.0	65			15.5	28.0	39					32					26					31				
12	153			9.0	15.0	116			7.5	13.0	82			15.0	26.0	53			7.0	8.5	31					28					30					31				
13	153			8.5	14.0	116			5.5	11.0	86			8.0	17.5	61			14.5	28.0	33					34					28					35				
14	155			9.5	15.5	120			7.5	13.5	76			6.0	10.5	51			7.0	9.5	29					26					28					33				
15	155			8.0	13.0	118			7.0	13.0	68			5.0	8.0	59			10.0	13.5	27					28					32					31				
16	153			8.0	13.5	120			7.0	13.0	72			12.5	26.0	67			20.0	25.0	35					34					38					31				
17	155			10.5	17.0	120			9.0	15.5	78			7.5	11.5	69			13.0	19.0	47					42					40					31				
18	151			11.5	18.0	118			10.0	18.0	96			7.0	14.0	85			5.0	9.0	53					52					42					35				
19	153			10.0	17.0	124			8.5	14.5	108			7.5	10.5	91			6.0	11.0	59					56					42					29				
20	153			8.5	14.0	128			7.0	12.0	108			7.5	14.0	89			6.0	11.0	61					56					40					33				
21	153			8.5	15.0	126			9.0	14.0	110			6.0	10.0	89			7.0	12.0	59					56					42					35				
22	151			8.5	14.5	128					108			5.5	9.5	89			8.0	15.0	57					58					42					31				
23	153					130			6.5	12.0	110			8.0	14.0	91			4.0	7.5	61					54					42					33				

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 USNS Eltanin Lat. 40-50 S 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	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}*	F_{am}*	D_u	D_ℓ	V_{dm}*	L_{dm}*
00	143					121					100					81					56			6.0	12.0	52			5.5	8.5	38			6.0	8.0	29				
01	145					122					101					80					55			6.0	10.5	53			4.5	8.5	38			2.5	4.5	30			2.0	3.0
02	146					124					99					80					53			6.0	10.0	55					38			5.0	7.0	31			1.5	3.0
03	151					125					101					82					52					55					37			4.5	6.5	31			1.5	2.5
04	147					123					99					84					56					61					39			7.5	10.0	31			1.5	2.5
05	153					128					97					71					60					60					39					30			2.0	3.0
06	151					116					79					66					47			6.5	10.5	54					34					29			1.5	3.0
07	157					112					68					62					37			3.5	5.5	46					34			2.5	4.0	29			1.5	3.0
08	147					104					69										28					32					30									
09	145					100					64					58					28					26			6.0	10.0	28			1.5	3.0	29			2.0	3.0
10	149					104					77					57					28			2.0	3.5	26			5.0	8.5	26			3.0	5.0	29			2.0	3.5
11	149					106					75					59					34			2.0	3.5	30					26			2.5	4.5	29			1.5	2.5
12	149					110					82					63					31			2.5	4.0	30			5.5	7.0	26					29			1.5	2.5
13	151					114					72					65					27					30					28			3.0	5.0	31			2.5	4.0
14	151					114					82					63					33			1.5	3.0	22					28			9.0	13.5	29			1.5	3.0
15	151					110					80					65					31			3.0	5.5	30					36			4.0	5.5	31			2.0	4.0
16	149					108					76					63					31			2.5	4.0	36			9.5	15.5	44					35			2.5	4.5
17	145					102					78					65					41					42			4.5	9.5	46			3.0	6.0	29			2.5	4.0
18	141					102					88					79					55			6.5	11.0	50			5.0	9.5	42			3.0	8.0	29			2.0	3.5
19	143					110					88					89					47					50			5.0	11.0	38			6.0	8.0	29			2.0	3.5
20	149					114					98					85					55			6.5	12.0	52			6.0	10.0	38			4.0	6.5	29			2.5	3.0
21	151					116					96					81					55					52			4.0	8.0	38			4.0	6.5	29				
22	151					118					98					81					57			6.5	10.5	58			4.0	7.0	38			4.0	7.5	29			1.5	2.5
23	149					124					102					81					57					54			4.0	6.5	38			3.5	5.5	29				

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

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	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}*	F_{am}*	D_u	D_ℓ	V_{dm}*	L_{dm}*
00	133					112					92					77					55			4.5	9.0	56			6.0	9.5	40			2.0	4.0	29			1.5	2.5
01	131					110					90					77					59					56			3.0	5.5	40			3.0	5.5	29			2.0	3.0
02	131					112					90					77					59			5.5	11.5	60			3.0	6.0	38			3.0	5.5	31				
03	129					110					88					77					59					56			4.0	7.5	38			4.0	6.5	29			2.0	2.5
04	131					110					88					73					57					60			4.5	8.0	36			4.0	6.0	29			2.0	2.5
05	131					108					72					55					53			7.0	14.0	52			5.0	9.0	40			4.0	7.0	29			2.0	2.5
06	143					111					72					47					48			6.5	12.0	51			5.5	8.5	40			6.0	9.0	29				
07	141					109					78					59					36			5.5	8.0	44			5.0	9.0	39			7.0	10.0	29				
08						110					70					55										36					34			6.0	8.5	29				
09	149					114					80					55					29					30					30					29			1.0	2.0
10	149					116					80					64					33			4.5	6.0	30			4.0	6.0	30					31			1.0	2.5
11	153					122					96					69					37			1.5	3.0	28					34					31			2.5	4.0
12	157					126					102					69					37					36					36			4.0	7.0	33			2.0	4.0
13	157					126					98					71					35			2.5	4.5	38			3.5	6.0	36			4.0	8.0	33			2.5	5.0
14	155					126					94					73					35					38			6.0	11.0	38			4.0	8.0	35			3.5	6.0
15	157					126					96					75					45					46			7.0	12.5	44			4.0	6.5	35			3.0	5.5
16	157					120					86					73					45					48					42			4.5	6.5	33			3.0	5.0
17	153					116					82					73					55					54			2.0	3.5	40			4.0	7.0	33			3.5	5.0
18	149					110					80					71					63			5.5	9.5	56			3.5	6.0	44			3.5	5.0	29			2.5	4.0
19	127					104					78					69					57			5.0	9.5	54			4.0	7.0	42			3.5	5.5	29			2.0	3.0
20	129					106					82					73					51			4.0	8.0	56			2.5	5.0	42			4.0	6.5	29				
21	129					110					90					77					59			4.0	8.0	58			3.5	7.5	40			4.0	6.5	27				
22	129					112					92					77					55			4.0	8.5	58					40			3.5	6.0	29			2.0	3.5
23	127					116					94					79					57			5.0	10.0	56			3.5	6.5	42			3.5	6.0	29			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

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 60-70 S Long. 52.5-67.5 W Month April 19 64

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.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_{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}
00	148			13.5	21.0	116			10.5	16.5	91					77					53					46					34					30				
01	152			13.5	21.0	118					91					75			8.0	15.0	51					48					32					28				
02	150					118			9.5	14.0	87					73			9.0	16.5	51					50					32					28				
03	150			14.0	22.0	122			10.5	17.0	91					85					49					54					34					58				
04	152			12.0	19.0	118			9.5	14.5	91			9.0	15.0	75					63					58					32					30				
05	150			14.0	21.0	118			9.0	13.0	91			9.5	17.0	77					53					60					34					30				
06	152			15.0	22.0	118			9.5	15.0	93			8.0	13.0	65					55					64					40					30				
07	150					118					87			11.0	20.0	89			6.5	9.5	45					54					34					32				
08	148			14.5	21.0	114			13.0	20.0	66			11.5	19.0	45			7.5	10.5	41					61					37					30				
09	152			14.5	21.0	113			12.0	19.0	73			13.5	21.0	45			6.0	11.0	39					39					35					31				
10	145			11.0	17.0	108			12.0	17.0	74					47					38					38					35					33				
11	148			13.0	20.0	107			15.5	24.0	71					47					31					38					32					31				
12	150			10.0	16.0	105			17.0	24.0	73					45			3.0	6.0	35					35					32					31				
13	151			9.5	15.0	106					75					71					30					37					33					37				
14	152			9.5	15.5	111			9.5	15.5	78					47					35					68					36					32				
15	150			10.0	16.0	104					69					61					49					46					34					30				
16	150			10.0	15.5	104					69					53					49					44					36					30				
17	140					102					69					61			7.0	11.5	55					48					36					28				
18	136			11.5	18.0	104			9.0	15.0	77			7.0	9.5	65			5.5	10.5	51					44					34					30				
19	140					106					73					69			6.0	12.0	51					50					38					28				
20	144					112					85					79			6.5	12.5	55					52					36					30				
21	148			11.0	17.5	110					87			9.0	14.5	91			10.5	20.0	53					54					32					32				
22	148					112					89			6.5	11.5	79					55					56					34					30				
23	148					116			10.0	16.0	93			9.5	17.0	77					53					54					32					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

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 60-70 S Long. 37.5-52.5 W Month April 19 64

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	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}	F_{am}*	D_u	D_ℓ	V_{dm}	L_{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				
01	152			11.0	18.0	123			8.0	13.0	95			5.0	9.0	86			6.0	12.0	63					56					34					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				
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				
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				
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				
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				
07	151			14.0	20.5	115			8.0	14.0	75			12.0	18.5	53					51					56					42					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				
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				
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				
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				
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				
14	151			11.0	16.0	111			14.5	20.0	77					83			12.0	25.5	43					42					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				
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				
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				
18	153			8.0	13.0	121			8.0	13.5	86			7.5	11.0	76					60					55					39					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				
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				
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				
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				
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				

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 USNS Eltanin Lat. 60-70 S Long. 22.5-37.5 W Month April 19 64

Hour (LST)	Frequency (Mc)																															
	.013					.051					.160					.495					2.5					5					10					20				
	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_{om}*	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_{om}*	D_u	D_ℓ	V_{dm}*	L_{dm}*
00	154					128					97					85					59			4.0	7.0	60			3.0	6.0	34			1.0	2.5	30			2.0	3.5
01	154					128					103					87					59			4.0	7.5	60			3.0	6.0	34			2.0	3.5	30			4.0	6.0
02	156					128					103					87					61			5.5	9.5	56			4.0	7.5	34			1.5	3.0	28			1.5	3.0
03	158					130					99					87					67			4.0	7.5	54			3.5	7.0	34			1.0	3.0	28			1.0	2.5
04	160					130					103					85					65			4.0	7.5	56			4.0	7.5	34			1.5	3.0	28			2.0	3.0
05	160					128					103					89					63			3.5	6.5	56					34			1.5	3.0	28			1.5	3.0
06	160					128					97					83					65			6.0	11.5	60					32			1.5	3.0	28			1.5	3.0
07	156					124					77					57					59			6.5	12.0	54			4.0	7.5	38			3.0	5.0	28			1.0	2.5
08	148					122					78										51			4.0	9.0	42					36			4.0	5.5					
09						104					75					58										38			7.0	12.0	37			3.0	7.5	30			2.0	3.5
10	152					114					72					57					39			4.0	8.0	36					34			3.5	5.5	30			2.0	4.0
11	152					107					75					54					39			7.5	13.5	36			9.0	13.5	32			2.5	4.0	28			2.0	3.5
12	150					119					84					61					37			8.5	13.0	34			7.0	12.0	30			3.0	5.0	28			1.5	3.0
13	152					110					75					51					35			10.5	14.5	34			8.0	12.0	30			2.0	3.5	28			2.5	4.5
14	151					119					75					55					31			10.0	13.5	35			9.5	14.0	33			2.0	4.5	29			1.5	3.0
15	150					110					73					84					35			5.0	10.0	36			6.0	10.0	36			2.0	4.0	32			1.5	2.5
16	150					109					77					57					47			9.0	17.0	46			2.0	4.0	38			4.0	6.5	29			9.0	13.0
17	150					112					84					57					48			2.0	4.5	51			2.5	5.0	38			3.5	6.0	26			1.0	2.5
18	150					118					81					54					52			3.0	5.0	53			3.0	6.0	38			2.0	4.0	30			3.0	4.5
19	152					120					83					70					58			3.0	6.0	56			3.5	6.0	39			2.0	3.5	29			1.5	3.5
20	155					120					89					69					61			4.0	9.5	60			2.5	4.5	39			3.0	5.0	31			2.5	4.0
21	155					120					85					74					61			4.5	8.5	59			3.0	6.0	38			2.0	4.5	32			1.0	3.0
22	154					122					88					74					57			5.0	10.5	60			3.0	6.0	38			2.5	4.0	31			2.0	3.5
23	153					119					92					78					57			4.5	8.5	62			3.0	6.0	35			2.0	3.0	31			2.0	4.0

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 USNS Eltanin Lat. 50-60S 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_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}*	F_{am}*	D_u	D_ℓ	V_{dm}*	L_{dm}*
00	150					122					102					85					64			4.0	7.0	50			5.0	8.0	35			1.0	3.0	30			1.5	3.0
01	150					120					104					87					63			4.0	8.5	50			4.0	8.0	34			1.0	3.0	30			1.0	3.0
02	148					122					105					87					60			4.5	9.0	53			4.0	7.0	36			1.5	2.5	30			0.5	2.0
03	151					123					101					84					63			5.0	10.0	58			8.0	13.5	38					31			1.0	2.0
04	150					122					97					83					65					58			3.0	6.5	36					28			2.0	3.0
05	146					120					93					73					59					60			4.0	7.5	40					28			1.5	3.0
06	148					120					89					63					57			4.0	7.5	60					36			2.5	4.0	30			2.0	3.0
07	150					116					87										51			4.5	9.0	64					34			2.5	4.5					
08	146					110					79					53					41					42			5.0	8.0	36			3.0	5.0	30			2.0	4.5
09	146					110					73					51					37					40			5.0	9.0	34			3.0	4.0	30			1.0	2.5
10	150					106					71					53					41			5.0	11.0	38			5.0	10.0	34			2.5	4.5	30			1.5	3.0
11	152					110					85					47					29					34			7.0	11.0	32			2.0	4.0	32			1.0	3.0
12	150					106					75					85					33			4.5	7.5	34			5.0	10.0	30			3.0	4.5	34			3.0	5.0
13	150					100					69					45					41					36					30			2.0	3.5	30			1.0	3.0
14	152					104					71					47					31			5.5	11.0	38			3.0	5.5	34			2.0	4.5	28			1.0	3.0
15	152					104					73					61					35					42			4.0	6.5	36			2.5	5.0	30			2.0	3.5
16	150					112					83					73					47					50					36			3.0	5.0	30				
17	150					116					87					77					59			4.0	7.0	52			3.5	5.5	36			3.0	4.5	28				
18	152					120					95					81					63			4.5	8.0	54					46			1.5	2.5	30			1.0	2.0
19	154					118					99					85					67			4.5	7.5	58			3.0	5.5	44					30			6.0	9.0
20	151					121					99					86					64			4.0	7.5	59			1.5	3.5	39			2.0	4.0	29			1.5	3.5
21	151					122					107					86					62			3.5	7.0	58			2.0	4.0	37			2.0	4.0	30			1.5	3.0
22	151					122					105					91					64			4.0	6.5	58			2.5	5.0	36			1.5	3.0	30			1.0	2.5
23	150					124					103					87					64			3.0	6.5	51			3.5	5.5	34			2.5	3.5	29			1.0	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

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin 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				
	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fom*	Du	Dℓ	Vdm*	Ldm*	Fom*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm
00	152			12.0	18.0	120			7.0	10.5	97			6.0	11.5	81			6.0	10.5	57					54					34					30				
01	152			13.0	20.5	122			7.0	11.0	95			7.0	12.0	83			7.0	11.5	59					52					34					30				
02	150			12.5	19.0	120			10.5	15.0	97			9.5	16.0	83			7.5	12.5	57					54					34					30				
03	152			10.0	16.0	124			8.0	13.0	99			9.0	15.0	83			5.5	10.0	55					58					36					30				
04	154			12.5	20.0	124			9.0	14.0	93			8.0	14.0	79			7.0	11.5	55					62					36					30				
05	138			10.5	17.0	110			9.0	14.0	79			8.0	13.0	63			8.0	13.5	51					60					34					30				
06	140			11.0	17.5	112			11.0	16.0	75			9.0	15.0	53			8.5	13.0	51					58					40					30				
07	138			14.5	21.0	108					75			10.0	18.0	54			8.5	14.0	47					56					34					30				
08	150			13.0	20.0	114			11.0	19.0	79			8.5	14.0						43					62					36									
09	150			13.0	19.0	115			13.5	21.0	74			8.0	12.0						36					38					33					30				
10	148			12.0	17.5	108			12.0	17.5	71			7.5	12.0						29					34					32					30				
11	150			11.5	17.0	106			9.5	15.0	77			9.0	14.0	49			4.0	8.0	39					38					30					30				
12	150			12.0	20.0	108			10.5	15.0	79			7.0	11.5	51			6.0	11.5	27					38					30					30				
13	152			9.5	15.0	108			10.0	17.0	78			6.0	10.5	75					27					36					32					32				
14	150			11.5	18.5	104			13.0	17.0	74			5.0	9.5	45			6.5	12.0	41					38					34					30				
15	150			10.0	16.0	101			11.0	16.5	73			9.0	12.0	46			5.0	10.0	35					43					43					32				
16	150			11.0	18.0	109			10.0	14.5	75			8.0	11.0	62			5.5	9.0	44					48					50					30				
17	148			7.5	12.5	113			10.0	16.0	83			7.5	13.0	75			6.0	12.0	53					51					48					30				
18	150			10.0	15.5	115			10.0	17.0	88			4.5	7.5	80			5.5	9.6	61					53					47					31				
19	151			10.5	16.0	118			10.0	17.0	91			8.0	12.5	81			6.0	10.0	57					57					47					32				
20	150			9.5	15.0	116			9.0	15.0	91			6.0	9.0	81			6.0	11.0	57					58					46					30				
21	148			10.0	16.0	116			9.0	14.5	93			6.5	10.0	83			7.5	13.0	57					58					36					30				
22	148			11.5	17.5	116			9.0	13.5	97			6.5	10.5	83			7.0	11.0	63					58					34					30				
23	150			11.5	18.0	118			7.5	11.5	99					83			6.0	12.0	79					60					34					36				

F_{am} = medion value af effective antenno noise in db obove ktb
D_u = rotio of upper decile to median in db
D_ℓ = rotio of medion 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 meon power

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 50-60S Long. 22.5-37.5W Month April 19 64

Hour (LST)	Frequency (Mc)																																	
	.013					.051					.160					.495					2.5					5					10					20				
	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}*	F_{am}*	D_u	D_ℓ	V_{dm}*	L_{dm}*
00	154					122					97					79					61			4.0	7.0	60			3.5	8.0	34			1.0	2.5	28			3.0	4.0
01	156					124					93					83					61			6.0	10.0	62			2.0	4.5	34			2.0	3.5	28			2.0	3.0
02	156					126					95					81					65			4.0	7.0	56			2.0	3.5	32			1.5	3.0	28			1.0	2.0
03	156					126					95					79					63			3.0	6.0	56			8.0	14.0	32			1.0	2.5	28			1.5	2.5
04	158					128					95					81					61			4.0	8.0	50			6.0	9.0	32			2.0	3.0	28			1.5	3.0
05	158					126					95					79					55			5.5	11.0	58			3.0	6.0	38			2.5	5.0	30			2.0	3.5
06	158					128					94					76					61			4.0	8.5	58			12.0	19.0	38			2.5	4.0	30			2.0	3.5
07	154					120					75					54					59			6.5	12.5	56			4.0	7.5	38					32			1.5	3.0
08	146					116					71										43			5.5	9.0	52			5.5	9.5	36			3.0	6.0					
09	148					118					76					47					45					43					35			3.0	5.0	29			1.0	3.0
10	150					104					69					53					39			7.0	13.0	36			5.5	10.5	32			2.0	4.0	30			1.5	3.0
11	148					102					75					51					39			11.5	17.0	34			7.0	12.0	30			5.0	8.5	30			2.0	4.0
12	150					104					79					47					39			11.5	17.0	34			8.0	13.5	28			3.0	5.0	30			2.5	4.5
13	150					104					77					53					29			9.5	13.5	34			7.5	11.5	30			4.0	6.0	28			2.5	4.5
14	145					109					77					61					39			9.5	16.5	31			9.0	14.0	31			2.0	4.0	29			1.5	3.0
15	146					105					81					65					32			10.0	14.0	34			5.0	7.0	37			3.0	6.0	39				
16	148					104					82					59					43					42			3.5	5.5	40			3.0	5.0	28			1.5	2.5
17	150					109					82					64					49			2.5	5.0	48			3.0	5.5	41			2.5	5.5	28			1.5	3.0
18	154					118					85					68					53			4.5	9.0	51			3.0	5.0	40			4.0	6.0	29			2.0	4.0
19	154					122					88					70					60			3.0	7.0	54			2.5	5.0	41			4.0	6.0	28			1.0	2.5
20	157					123					91					79					63			3.0	5.0	57			4.0	7.0	41			2.5	5.0	28			2.0	3.0
21	158					123					96					85					65			3.0	6.0	61			3.0	6.0	39			3.0	5.5	29			1.0	2.5
22	158					124					101					90					65			3.5	7.0	62			4.5	7.5	36			3.0	4.5	29			2.0	4.0
23	157					124					99					89					65			3.5	6.5	63			6.0	10.5	34			3.0	4.0	28			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

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_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}*	F_{am}*	D_u	D_ℓ	V_{dm}*	L_{dm}*
00	154					128					111					88					68			4.0	8.0	53					38					32			1.0	2.5
01	156					129					111					89					67			6.0	12.0	54			2.5	5.0	36					29			2.0	3.0
02	156					130					111					88					65					58					53			17.0	22.0	29			1.0	2.5
03	157					130					112					85					65			2.0	4.5	59					37			2.0	3.0	29			1.0	2.5
04	156					130					107					81					59			3.0	5.0	60					38					30			1.0	2.0
05	156					128					101					77					61			2.5	5.0	62					40			2.5	4.5	30			1.0	2.0
06	156					126					97					67					59			3.5	6.0	66					38			2.0	4.0	30			1.0	2.0
07	154					120					93										49			4.0	7.0	60			5.0	10.5	38			2.5	4.0					
08	150					122					85					47					43			4.5	8.0	42			5.5	12.5	36			2.5	5.0	30			2.0	3.0
09	154					114					63					45					41			4.5	8.5	42			4.5	7.5	34			2.5	4.5	28			2.5	3.5
10	154					112					89					51					37			2.5	5.5	48					34			3.0	5.0	30			1.0	2.5
11	152					106					83					51					37					38					30			2.5	4.0	28			2.0	3.5
12	153					108					69					53					37			12.0	20.0	35			6.0	10.5	30			2.0	4.0	28			2.0	3.0
13	154					114					75					45					37					32					32			2.5	4.5	28			1.5	3.0
14	154					112					85					49					39					40					32			1.5	3.0	26				
15	154					112					83					61					45					42			6.5	9.5	36			1.5	3.5	28			1.0	2.5
16	152					116					91					77					51					48			5.0	8.0	36					28			1.0	2.5
17	154					114					91					85					61					54			3.0	5.5	36			2.0	4.0	26			1.0	2.5
18	154					112					103					87					65			2.5	6.5	54			3.5	7.5	40			4.0	8.5	28				
19	154					116					105					89					63			4.0	7.5	58			3.0	6.5	40			2.5	5.0	28			1.5	3.0
20	152					124					106					86					64			3.0	6.0	60					40					28			1.5	3.0
21	152					125					107					88					65					60					38			1.5	5.5	28				
22	152					126					110					86					64					61			1.5	2.5	36			2.0	4.5	28			0.5	2.0
23	153					128					109					87					66			2.5	4.5	53			3.0	5.0	36			2.0	4.0	28			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

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 30-40 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_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}*	F_{am}*	D_u	D_ℓ	V_{dm}*	L_{dm}*
00	154					130					113					93					67			5.0	9.0	54					40			2.0	4.5	28			1.5	3.0
01	154					132					111					93					67					54					40			3.0	5.5	26			1.5	3.0
02	156					132					113					89					67			7.0	11.0	52			5.0	8.5	40			3.5	6.0	28			1.5	3.0
03	158					132					113					89					65			5.0	10.0	58			4.0	7.5	40					28			1.0	2.5
04	158					132					109					85					65			5.0	9.0	58					38			2.5	4.5	28			1.5	3.0
05	160					132					105					79					63			5.0	8.5	56			6.0	10.5	40			3.0	5.0	28			1.0	2.5
06	158					126					95					69					59					56			3.5	6.5	40			2.0	3.5	28			1.0	2.5
07	155					116					105										43					49					38			2.5	4.5					
08																70																				29				
09	153					109					72					49					42					34					30			2.0	3.5	28			1.0	2.5
10	155					111					76					47					37					34			4.0	7.0	30			3.0	5.0	28			1.5	3.0
11	155					111					79					45					37			1.0	1.5	33			4.5	10.5	29			3.5	6.5	26				
12	156					108					78					55					38					32			6.5	10.5	28			2.5	4.5	26			1.5	3.0
13	156					119					88					81					53					38			7.5	11.0	32					28			2.0	4.0
14	160					120					108					75					44			5.5	8.0	44					45					30				
15	158					115					81					62					51					41					32					27			3.0	4.5
16	157					110					82					72					48					49					36			4.0	7.5	29			2.0	3.5
17	156					117					96					84					58					51			3.5	6.5	38			2.0	4.5	28				
18	155					123					104					88					63			3.0	7.0	56			3.5	5.5	40					27			1.0	3.0
19	155					126					109					89					65			3.5	7.0	66			4.5	8.0	42					29				
20	157					126					109					91					65					62			2.5	5.0	40			4.0	7.0	28			5.0	7.0
21	154					130					111					91					69			5.0	10.0	62			3.0	5.0	40			3.5	5.5	28			1.5	3.0
22	154					128					109					97					69			5.0	9.0	66			2.5	5.0	38			2.0	4.0	28			1.5	3.0
23	154					130					113					99					69			4.5	9.0	54			5.0	8.0	38					26			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

MONTH-HOUR VALUES OF RADIO NOISE

Station USNS Eltanin Lat. 60-70 S Long. 82.5-97.5 W Month May 19 64

Hour (LST)	Frequency (Mc)																															
	.013					.051					.160					.495					2.5					5					10					20				
	F_{om}*	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}	F_{om}*	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_{om}*	D_u	D_ℓ	V_{dm}*	L_{dm}*
00	150					118					95					84					56			4.0	7.5	52			4.0	7.0	36			1.0	3.0	29			1.0	2.5
01	152					120					97					80					58			3.0	6.5	54			4.5	7.5	36			1.5	3.0	29			1.0	2.5
02	152					118					95					80					56			5.0	7.5	52			4.0	8.0	36			1.5	3.0	29			1.0	2.0
03	152					122					93					76					56			4.0	7.5	54			4.0	7.5	36			3.0	4.5	29			1.0	2.0
04	154					120					93					74					54					54			4.0	7.0	34			1.0	2.5	29			1.0	2.5
05	154					120					87					70					56			6.0	11.0	52			5.0	8.0	34			1.5	2.5	29			1.0	2.5
06	154					120					85					62					54			8.0	14.0	52			7.0	11.5	34			1.5	3.0	29			1.0	2.5
07	152					116					85					64					52			6.0	11.0	48			5.5	8.5	34			1.0	2.5	29			1.5	2.5
08	152					120					85										54			10.0	17.0	54					38									
09	152					111					68					56					37					40			5.0	8.5	36			2.0	4.5	27			2.0	3.0
10	150					107					71					65					44			5.0	7.5	36			4.5	6.5	34			1.5	3.0	27			1.5	3.0
11	151					107					71					44					33			13.0	18.0	34			6.0	7.0	33			1.5	3.0	27			1.5	2.5
12	150					104					70					44					24			4.5	6.0	32			4.0	5.5	35			2.0	3.5	27			1.5	2.5
13	150					102					63					44					29			7.0	9.0	35			5.5	7.0	36			2.0	3.0	27			1.5	2.5
14	150					105					73					53					48			9.5	11.5	42					38					31				
15	150					109					73					54					46					46			3.0	5.0	37			2.5	4.5	29			1.0	2.5
16	150					107					74					61					44			5.0	7.5	46			2.5	4.5	38			3.0	4.5	29			1.0	3.0
17	148					107					78					66					48			6.0	9.5	53			3.0	6.0	36			2.0	3.5	29			1.5	2.5
18	150					111					80					71					50					55			3.0	5.5	38			2.0	4.5	29			1.0	2.0
19	152					112					83					74					56					58			1.5	3.5	38			2.0	3.5	29			1.0	2.0
20	150					114					91					76					56			4.0	6.5	60			2.0	5.0	36			1.5	3.0	29			1.0	2.0
21	150					117					92					79					57			4.0	7.5	57			2.0	4.0	37			1.5	3.0	29			1.5	2.5
22	150					118					94					80					57			3.5	6.5	53			3.5	6.0	36			2.0	3.0	29			1.0	2.5
23	150					120					93					79					60			8.0	12.5	53			4.5	7.5	37			2.0	4.0	29			1.0	2.0

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 USNS Eltanin Lat. 50-60 S Long. 82.5-97.5 W Month May 19 64

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm
00	150			11.0	18.0	120			6.0	8.5	95			6.5	11.0	80			6.0	11.5	56					52					38					29				
01	150			11.0	18.0	122			7.0	11.0	95			6.0	11.5	79			8.0	15.5	56					54					36					29				
02	150			11.5	18.0	120			7.0	11.0	95			8.0	14.0	78			10.0	17.5	54					52					36					29				
03	152			11.5	18.0	122			7.5	11.5	91			7.0	11.0	78			5.0	9.0	54					52					36					29				
04	152			11.5	18.5	120			8.0	12.0	89			8.5	15.5	74			9.0	15.5	56					52					38					29				
05	152			11.0	18.0	120			6.5	10.5	87			9.0	15.5	66			9.0	15.5	52					49					36					29				
06	152					116			12.0	16.0	79			12.0	22.0	60			5.5	9.0	50					48					36					29				
07	148			13.5	20.0	112			14.5	23.0	77			13.5	19.0	54			8.0	14.0	46					44					36					28				
08	148			13.0	19.5	112			12.5	20.0	75			18.0	24.0	46					42					42					36					27				
09	150					112			14.5	22.0	75			6.5	9.0	68			15.5	25.0	34					34					34					27				
10	150			12.5	19.0	106			11.0	18.0	77			15.5	22.0	71					28					28					32					27				
11	148			11.0	18.0	108			10.5	16.0	79			13.5	18.0	65			3.0	5.0	30					24					32					27				
12	149			11.5	18.0	109			11.5	19.0	76					55					24					25					34					27				
13	150			10.5	17.0	109			11.0	17.5	77			15.0	22.0	56					32					26					34					27				
14	150			11.0	18.0	107			11.0	17.5	76			13.0	22.5	62			5.5	8.0	34					32					40					30				
15	150			10.0	16.5	106			11.5	20.0	77			9.0	17.0	63			9.0	18.5	42					44					45					30				
16	149			10.0	15.0	111			10.0	18.0	84			9.0	16.5	68			10.5	16.5	48					47					47					29				
17	150			9.5	15.5	118			10.5	17.0	79			7.0	12.0	70			5.5	10.0	50					54					43					29				
18	150			10.0	16.0	110			9.0	15.0	89			7.5	14.0	78			6.0	11.0	53					58					42					29				
19	152			10.0	16.0	118			8.5	14.0	85			6.5	13.0	80			5.5	11.0	54					58					41					30				
20	152			9.0	14.5	116			7.0	11.0	89			6.0	11.0	82			7.0	12.0	54					57					37					29				
21	150			11.0	17.5	117			6.0	10.5	92			6.0	11.0	81			5.5	10.5	56					53					39					29				
22	150			11.0	17.0	117			7.0	10.5	94			6.0	10.5	82			6.0	11.5	55					53					37					29				
23	150			10.5	17.0	120			6.0	10.0	97			6.0	11.0	82			5.0	9.5	54					54					38					29				

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 USNS Eltanin Lat. 40-50 S Long. 67.5-82.5 W Month May 19 64

Hour (LST)	Frequency (Mc)																																	
	.013					.051					.160					.495					2.5					5					10					20				
	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}*	F_{am}*	D_u	D_ℓ	V_{dm}*	L_{dm}*
00	151					127					109					93					61					55			3.0	6.0	41			1.5	4.0	29				
01	150					127					106					88					59			6.5	11.0	54					42			1.5	3.5	29			0.5	2.0
02	148					123					102					85					52					53					38			1.5	3.5	29			1.0	2.0
03	149					122					101					81					54					54			5.0	8.0	38			2.0	4.0	28			1.0	2.5
04	149					123					101					83					50			4.5	8.5	53					36			2.0	4.0	29			1.0	2.5
05	150					126					102					82					52					57					37					29			1.0	2.5
06	151					118					96					70					48			8.0	13.5	55			7.5	13.0	33			0.5	2.0	29			1.0	2.5
07	150					117					83					64					49			3.0	6.0	52			4.5	8.0	39					29			1.5	3.0
08	148					116					88										41					49			6.5	11.5	38									
09	150					114					84					63					38					42					37					28			2.0	3.0
10	151					114					86					62					37					40					37					28			1.5	3.0
11	151					112					89					73					41					45					48			8.5	12.5	33				
12	151					115					86					54					40					38					35					28			1.0	2.0
13	151					119					95					51					36					43					38			9.0	14.0	30				
14	149					116					91					52					36			7.5	12.0	33					38			3.5	7.5	29			1.0	2.0
15	149					112					85					67					39					39					39					29			1.5	3.0
16	150					108					95					78					44					46					50					29				
17	148					118					101					82					54					46			4.0	6.5	48			2.0	6.5	29				
18	150					120					101					84					62					52					48			2.0	4.0	33			1.0	2.5
19	150					120					101					90					54			5.5	8.5	58					54			2.0	5.0	31				
20	150					120					99					88					54					58			3.0	7.0	48			2.5	5.5	29				
21	150					126					99					86					54					62			4.5	8.5	44			2.0	4.0	29				
22	148					122					103					86					54			6.0	10.0	58			5.0	9.5	36			2.0	3.5	31				
23	148					122					107					90					56					54			3.5	7.0	36			1.0	2.0	29			0.5	2.0

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 USNS Eltanin Lat. 30-40S Long. 67.5-82.5W Month May 19 64

Hour (LST)	Frequency (Mc)																																	
	.013					.051					.160					.495					2.5					5					10					20				
	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm	Ldm	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*	Fam*	Du	Dℓ	Vdm*	Ldm*
00	143					123					101					80					56			5.5	10.0	53					36			0.5	2.0	29			0.5	2.0
01	146					123					101					80					58					55			4.5	8.5	35			1.5	3.0	29				
02	144					121					98					78					57			4.0	8.5	56					39			2.0	4.0	29				
03	140					117					95					76					54			4.0	8.0	61			5.5	9.5	37			3.0	5.0	28			1.0	2.0
04	137					116					95					72					52			3.5	7.0	55			5.0	8.5	35					28			1.0	2.0
05	136					114					90					68					53					57			4.0	8.0	34			1.5	3.5	28			1.0	2.5
06	136					111					79					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					75					57					35					41					33			2.5	4.0	27				
09	152					108					77					58					42			2.5	4.5	34			4.5	7.5	32			1.5	3.0	27				
10	152					102					69					56					34			2.5	4.5	36					30			4.5	7.0	27				
11	152					104					79					56					34			2.0	3.5	32					28			1.5	3.0	29			2.0	3.5
12	152					106					81					62					34			1.0	2.0	28					28					29			1.0	2.5
13	152					110					81					56					50					48					42			3.0	6.0	27			2.0	3.0
14	152					106					69					68					30			2.5	5.0	32			2.5	4.5	32					29			1.5	3.0
15	152					98					73					66					38					40					40			2.5	4.5	31			2.5	4.0
16	153					104					93					72					51			2.0	3.5	54					46					32			1.5	3.0
17	150					112					93					78					60			3.0	6.5	53			3.0	5.5	49					30			1.5	3.0
18	152					117					93					81					62					63					46			3.0	5.0	28			2.0	3.0
19	153					116					96					83					65					72					49			2.0	4.0	28				
20	151					122					99					82					67			2.0	5.0	73					48			2.0	5.0	29			1.0	2.5
21	148					124					102					86					62			2.5	5.5	75					44			3.0	6.0	29			0.5	2.0
22	149					125					106					86					60			4.5	8.5	62					39			3.0	5.0	30				
23	147					122					101					82					58			5.5	10.0	57			6.0	10.0	35			2.0	3.5	30			1.0	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

MONTH-HOUR VALUES OF RADIO NOISE

Station Enkoping, Sweden Lat. 59.5 N Long. 17.3 E Month March 1964

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
00	149	2	2	9.5	15.0	115	2	4	8.0	12.5	96	6	6	5.0	10.0	75	17	4	4.0	7.0	57	4	6	5.0	8.0	52	3	4	3.0	5.0	34	4	4	2.0	4.0	19	0	2	1.5	2.5
01	149	2	2	11.0	17.0	115	4	4	8.0	13.0	100	3	7	1.5	1.5	75	13	5	3.0	5.0	57	7	4	6.0	10.0	51	3	3	4.0	6.5	32	6	2	2.0	3.5	19	0	2	1.5	2.5
02	149	4	2	10.5	16.5	115	3	4	10.0	14.0	98	7	8	7.0	12.0	73	16	4	*3.5	*6.0	55	9	3	8.0	12.5	50	4	2	4.0	6.0	32	2	2	2.0	4.0	19	0	2	1.5	3.0
03	149	4	4	11.0	17.0	113	5	4	9.0	14.0	100	8	6	5.0	9.5	73	14	8	4.0	5.5	53	11	3	8.0	10.5	48	4	2	*4.5	*7.0	30	5	0	2.5	4.0	19	2	2	1.5	3.0
04	149	2	3	11.0	17.0	113	4	4	8.0	12.5	99	7	9	8.5	14.0	67	13	8	3.5	5.0	53	4	4	4.0	7.5	48	4	4	3.0	6.0	31	1	1	1.0	3.0	19	0	2	1.0	2.5
05	149	2	3	12.5	18.0	111	5	6	10.0	15.0	99	9	13	4.0	7.5	61	2	6	4.5	6.0	55	9	5	5.0	8.0	46	2	4	*4.0	*6.0	32	4	2	1.0	3.0	19	0	2	1.0	2.0
06	147	4	2	12.0	19.0	105	4	4	10.0	14.0	84	6	6	4.0	7.0	57	4	2	*3.0	*5.0	50	15	7			44	3	2	*4.0	*6.5	34	8	3	3.0	4.0	19	2	2	1.0	2.5
07	143	4	2	12.0	18.0	101	6	4	9.0	12.0	84	10	7	4.5	8.0	55	6	4	*2.0	*4.0	53	7	18	4.5	9.0	40	4	6	*6.5	*9.0	38	10	6	*3.5	*5.5	19	2	2	1.5	3.0
08	141	4	2	11.0	16.5	95	8	2	9.0	12.0	84	8	4	3.0	6.0	53	3	2	*3.0	*4.5	45	14	11	4.0	8.5	36	4	6	*3.0	*5.0	36	2	4	*3.0	*5.0	19	2	2	2.0	3.5
09	141	3	4	12.5	19.0	95	12	7	*9.5	*13.0	84	10	6	3.0	7.0	53	4	3	*2.5	*4.5	45	14	10	6.0	11.0	31	7	5	*2.5	*5.0	36	5	4	*4.0	*6.0	19	5	2	*2.0	*3.0
10	141	2	4	12.0	18.0	94	7	6	*11.0	*15.0	84	11	10	3.5	7.0	52	5	2	*3.0	*4.0	*46			4.0	7.5	30	6	5	*2.5	*5.0	34	4	4	*2.0	*4.5	19	2	2	*2.0	*3.5
11	141	4	2	12.0	17.0	97	6	8	12.0	16.5	82	9	7	4.0	8.0	51	5	1	*3.0	*5.0	51	8	18	4.0	6.5	30	4	8	*3.0	*4.5	34	5	2	*1.0	*2.5	21	2	2	*3.0	*4.5
12	143	4	2	10.5	16.0	97	9	9	*10.0	*14.0	82	6	4	2.0	4.5	53	4	2	3.0	4.5	*50					28	4	4	*5.0	*6.5	33	19	3	2.5	4.5	21	2	2	2.0	4.0
13	143	6	2	9.0	14.0	97	8	6	10.0	12.5	80	10	4	3.5	7.0	53	5	2	*2.5	*4.5	*51			5.0	9.0	30	10	6	*3.0	*5.0	36	16	4	*1.5	*3.0	21	2	2	2.0	3.0
14	145	4	4	7.5	12.0	96	9	5	8.5	11.5	82	12	6	5.0	8.0	53	6	4	2.0	4.0	57	12	18	4.5	9.0	30	7	5	*3.0	*5.0	*44			*4.0	*7.0	21	2	2	2.0	3.0
15	145	4	4	7.5	12.0	97	6	8	7.5	11.0	83	8	4	1.5	4.0	55	6	2	*2.5	*4.5	51	14	14	5.5	9.0	33	6	3	3.0	5.0	*42			*7.5	*10.0	19	4	2	1.5	3.0
16	145	2	4	7.0	10.5	101	8	8	9.0	13.0	84	4	6	7.0	10.0	59	10	4	2.5	4.0	45	12	12	2.5	5.0	38	6	4	*4.0	*6.0	*46			*6.0	*10.0	19	2	0	1.0	2.5
17	145	2	4	7.0	11.5	105	6	10	8.5	13.0	84	6	4	3.5	6.0	67	10	6	*2.0	*4.0	49	13	11	8.0	13.0	46	6	6	3.0	6.0	*42			*4.5	*7.5	19	4	2	2.0	3.0
18	145	2	2	7.0	11.0	109	6	4	7.5	12.0	90	4	5	4.0	6.0	69	14	4	2.5	4.5	51	15	5	8.0	14.0	50	4	3	*5.0	*7.5	40	10	2	*3.5	*5.0	19	0	2	1.5	3.0
19	147	2	2	6.5	11.0	111	6	3	6.0	10.0	94	8	6	5.5	10.0	73	20	7	2.5	4.0	61	13	12	3.0	7.5	51	5	3	4.0	6.5	41	4	4	4.0	6.0	19	0	3	1.5	3.0
20	147	4	2	7.5	12.0	113	6	4	7.0	11.0	96	7	6	5.5	8.5	75	12	6	*3.5	*5.0	57	12	6			52	4	3	3.0	5.0	38	6	4	4.0	6.0	19	0	2	1.5	3.0
21	149	2	2	7.5	12.0	113	4	4	7.0	11.0	96	10	4	3.5	7.0	75	18	4	*3.5	*5.0	56	9	5	6.5	6.0	52	4	3	3.5	6.0	36	6	4	4.0	6.0	19	0	2	1.5	3.0
22	149	2	2	8.0	13.0	115	3	7	8.0	13.0	100	8	6	5.0	8.0	75	12	6	*4.5	*7.0	55	9	2	4.5	9.5	52	2	2	3.0	5.0	36	7	5	3.0	4.5	19	0	4	1.5	3.0
23	149	2	2	8.5	13.5	114	3	5	8.0	13.0	96	6	4	5.0	8.0	73	16	4	*2.5	*4.0	57	8	4	5.0	7.5	52	2	4	4.0	6.0	34	9	4	3.0	4.5	19	0	2	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

MONTH-HOUR VALUES OF RADIO NOISE

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

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm*	Ldm*	Fam	Du	Dℓ	Vdm	Ldm
00	149	2	2	9.0	14.0	115	4	4	9.0	13.0	92	8	2	8.0	12.0	71	6	4	4.5	7.5
01	149	2	2	9.5	14.5	115	4	4	9.0	13.5	98	6	5	5.0	9.0	71	4	4	4.0	6.0
02	149	2	2	10.0	16.0	113	8	2	8.5	13.5	98	4	4	7.5	13.0	69	4	6	5.0	7.5
03	149	4	3	11.5	16.5	113	7	4	9.0	14.5	100	4	5	7.5	13.5	63	8	6	5.0	7.5
04	149	3	4	11.0	17.0	107	4	4	7.5	11.5	81			4.0	8.0	53	11	4	*4.5	*6.0
05	147	2	4	11.0	17.0	102	6	3	7.5	11.5	78	6	4	5.0	8.0	55	5	4	*2.5	*4.0
06	143	2	2	11.0	17.0	97	6	2	*7.5	*11.0	82	2	6	5.0	8.0	*55			*4.0	*6.0
07	141	4	0	11.0	16.0	93	12	4	7.0	9.5	83	5	5	7.0	11.0	59	5	7	*6.0	*8.0
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	*3.0	*4.0
09	143	2	4	12.0	16.5	93	6	4	*18.0	*23.0	78	8	4	5.5	9.0	51	3	2	*2.5	*4.0
10	143	4	4	*12.0	*16.5	98	8	5	*17.0	*22.5	80	4	5			51	2	1	*2.5	*4.0
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
12	147	2	4	*11.0	*17.0	*103			*11.5	*16.5	82	12	4	7.0	10.0	51	5	2	*2.5	*4.5
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
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
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
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
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
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
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
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	*3.0	*5.0
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
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
23	149	2	2	8.0	13.0	115	4	4	8.0	11.5	96	5	6	5.5	10.0	71	4	6	4.0	5.0

Hour (LST)	2.5					5					10					20				
	Fam	Du	Dℓ	Vdm*	Ldm*	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
00	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	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	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	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	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	45	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	37	20	4	2.5	6.5	42	6	6	*4.0	*6.0	36	6	6	4.0	6.0	18	0	2	1.0	2.0
07	37	18	7			34	10	6	*3.0	*5.0	*40			*7.0	*9.5	18	2	1	0.5	2.0
08	35	20	6	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	33	16	4	3.0	5.5	*28			*4.0	*5.5	*38			*5.0	*8.0	18	3	1	*1.5	*3.0
10	*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	*43			4.0	5.5	30	3	6	4.0	6.0	34	8	2	*3.5	*5.0	19	3	2	2.5	4.0
12	*39			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	*41			3.5	4.5	29	12	5	*4.0	*6.0	*44			*9.0	*13.5	18	4	0	2.0	3.5
14	*39			3.0	3.5	31	12	7	4.0	6.5	*46			*6.5	*10.0	18	4	1	3.0	4.0
15	*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	39	18	7	4.0	5.5	40	10	6	*4.0	*6.0	44	6	6	*7.5	*10.0	18	2	2	1.0	2.5
17	41	9	8	4.0	6.0	44	8	4	5.0	8.0	43	5	5	4.0	5.5	18	2	1	1.5	3.0
18	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	53	7	4	4.5	6.0	52	4	4	*4.5	*7.0	44	4	4	4.5	6.5	18	2	2	1.5	3.0
20	55	10	4	6.0	8.0	54	4	6	4.0	6.0	43	5	3	4.0	6.0	18	2	2	1.5	3.0
21	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	56	5	3	5.0	7.0	54	4	4	3.0	5.5	40	4	8	3.5	5.5	18	2	2	1.5	3.0
23	57	2	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_{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 Enkoping, Sweden Lat. 59.5 N Long. 17.3 E Month May 1964

Frequency (Mc)

Hour (LST)	.013					.051					.160					.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_{am}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{om}	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}
00	151	2	3	10.0	*15.0	117	8	4	9.0	14.0	101	3	4	*6.0	*10.5	68	7	7	*4.5	*6.5	57	9	6	2.5	6.0	52	5	6	3.5	6.5	39	10	8	2.0	4.5	18	2	0	1.0	2.5
01	151	3	2	11.0	17.0	115	10	4	*12.0	*18.0	103	4	8	*6.0	*12.0	69	8	8	*8.5	*12.5	55	8	4	4.0	9.0	52	4	4	3.5	6.0	35	10	4	2.5	4.5	18	2	1	1.0	2.5
02	151	3	3	10.0	17.0	115	10	6	10.0	15.0	103			*7.0	*12.0	65	4	8	6.5	9.5	53	9	4	8.0	12.5	50	8	5	4.5	7.0	33	10	4	2.0	4.0	18	2	1	1.0	2.5
03	151	2	3	10.5	17.0	111	6	4	*9.0	*14.5	*79					51	4	2	2.0	4.0	51	6	8	5.0	8.0	52	3	5	4.5	6.5	33	6	4	*2.0	*3.5	18	2	2	1.0	2.5
04	149	2	2	11.0	17.0	107	6	4	11.0	17.0	75	4	8	*2.5	*5.0	53	4	4	*4.0	*7.0	43	4	7			48	4	8	*5.0	*8.0	39	3	9	5.5	7.5	18	2	2	1.5	2.5
05	147	4	2	11.0	18.0	101	12	4	12.5	16.5	76	4	4	5.5	9.0	51	6	2	*2.5	*5.0	33	8	4	10.0	16.5	40	4	8	6.0	9.0	37	7	4	4.0	6.0	18	2	0	1.0	2.5
06	147	2	4	11.5	18.0	99	10	6	*9.5	*14.0	81	4	10	*4.0	*6.0	51	3	2	*2.0	*4.0	33	9	4	6.0	11.0	34	10	5	*7.0	*9.0	41	10	4	*5.0	*7.5	18	1	2	1.0	2.5
07	146	3	3	12.0	18.0	101	12	10	*12.5	*20.0	80	6	4	*5.5	*9.0	53	8	2	*2.0	*4.0	33	12	6	7.0	11.0	32	9	5	*4.5	*7.0	43	10	12	*8.5	*13.0	18	2	2	1.0	2.5
08	147	4	4	12.0	18.0	103	13	12	*14.0	*19.0	80	4	6	*5.0	*8.5	51	2	2	*3.0	*5.0	32	10	5	6.0	8.5	30	10	4	*4.0	*7.0	39	10	8	*4.0	*6.0	18	4	2	2.0	3.0
09	147	6	3	12.0	18.0	107	13	8	*13.5	*19.5	81	8	6	*7.5	*11.5	52	6	3	*4.0	*6.0	*33			4.0	6.0	30	10	5	*4.0	*5.0	37	8	4	*3.5	*6.0	18	3	2	1.0	2.5
10	151	4	4	*13.0	*19.0	*113			*15.0	*22.0	82	9	6	*6.0	*10.5	*53			*4.0	*6.0	*35			3.5	6.0	30	11	4	*7.5	*10.5	37	7	3	*6.0	*8.5	18	3	2	*1.5	*3.0
11	151	8	4	*12.5	*19.0	*119			*16.5	*23.0	83	18	4	*4.5	*8.5	51	12	2	*3.0	*5.0	34	11	5			32	16	8	*7.0	*11.5	38	8	3	6.0	8.0	18	5	2	2.0	4.0
12	151	6	2	12.0	18.0	121	8	10	*15.0	*22.0	*85			*7.0	*10.5	51	12	2	*3.5	*5.5	*35			7.0	9.5	36	14	13	*8.5	*12.0	39	7	5	*7.0	*10.0	18	11	2	2.0	3.5
13	154	8	3	11.0	17.0	119	16	6	*13.0	*19.5	85	16	10	*8.0	*13.0	55	20	2	*7.5	*11.0	37	18	10	7.5	12.5	38	24	14	8.0	12.0	*43			*6.0	*9.0	18	4	2	2.0	3.5
14	153	9	2	11.0	16.0	120	12	6	*15.0	*20.5	87	19	5	*6.0	*9.0	55	11	5	*3.0	*5.0	*33			3.0	5.5	38	12	10	6.5	10.0	43	6	4	5.0	9.5	18	6	2	1.5	3.0
15	153	10	2	10.0	15.0	119	10	6	14.0	19.5	82	17	6	*12.5	*16.5	53	7	3	*4.0	*6.0	41	19	12	7.5	9.0	37	9	9	*8.5	*12.5	45	4	6	*5.0	*8.5	18	4	2	1.5	3.0
16	153	8	4	9.0	14.0	119	12	8	14.5	20.0	82	15	7	*9.0	*12.5	53	12	2	*3.0	*5.0	41	8	6	3.0	5.0	38	12	6	*6.0	*8.5	45	5	3	*5.0	*8.0	18	4	2	1.5	3.0
17	153	6	4	8.0	12.5	117	10	6	15.0	20.5	79	11	7	6.5	11.0	55	8	4	*1.5	*3.5	41	6	8	11.5	16.0	42	8	4	6.0	10.0	47	4	5	4.5	8.0	20	4	4	1.5	3.0
18	150	7	3	8.0	12.5	115	12	8	12.5	18.0	83	4	8	5.0	9.5	57	4	4	*4.0	*6.5	41	8	6	4.0	7.0	48	4	6	5.0	8.5	47	3	4	5.0	7.5	20	5	2	1.5	3.0
19	149	8	3	8.0	12.5	113	10	6	10.5	15.0	83	8	4	6.0	10.0	59	6	4	3.0	5.0	45	8	4	4.0	7.5	52	2	4	4.0	7.5	49	3	7	5.0	8.0	20	6	2	2.0	4.0
20	149	6	2	7.5	13.0	115	6	8	9.5	13.5	87	10	4	*7.0	*10.5	65	4	4	3.0	5.0	53	3	9	2.5	6.0	54	2	4	4.5	8.0	47	6	6	4.5	6.5	20	2	2	2.0	3.5
21	150	5	3	7.5	12.5	117	6	4	10.0	15.0	95	8	5	*6.0	*9.5	69	6	6	*5.0	*8.0	59	4	6	5.5	10.0	53	3	3	5.0	8.0	45	10	8	4.5	7.5	18	2	0	1.0	2.5
22	151	4	4	7.5	13.0	117	7	4	*11.0	*16.0	103	4	6	*6.5	*10.5	71	4	8	5.0	7.0	59	8	4	5.5	10.5	54	7	4	4.5	7.0	47	8	10	3.5	6.0	18	2	0	1.0	2.5
23	151	3	4	9.0	13.5	119	6	6	7.0	11.5	103	4	4	*4.0	*8.0	67	8	6	*4.5	*6.0	57	4	6	5.0	10.0	54	6	4	5.0	8.5	43	10	10	3.0	5.0	18	2	2	1.0	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

MONTH-HOUR VALUES OF RADIO NOISE

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

Hour (LST)	Frequency (Mc) .135 Fam	Du	Dℓ	Vdm	Ldm	.500 Fam	Du	Dℓ	Vdm	Ldm	2.5 Fam	Du	Dℓ	Vdm	Ldm	5 Fam	Du	Dℓ	Vdm	Ldm	10 Fam	Du	Dℓ	Vdm	Ldm	20 Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
00	106	7	11			62	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_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 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_{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}	F_{om}	D_u	D_ℓ	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	14	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			90	7	11			75	8	13			65	11	6			35	8	1																	

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

Frequency (Mc)

Hour (LST)	.135					.500					2.5				
	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}
00	114	6	7			92	5	7			74	5	6		
01	114	4	9			90	7	5			74	5	7		
02	114	3	8			91	6	5			72	6	6		
03	112	5	7			90	5	6			72	5	6		
04	108	6	6			82	7	9			69	4	5		
05	97	11	8			60	13	7			51	12	4		
06	95	12	9			56	17	4			43	16	4		
07	92	16	7			55	18	3			39	16	3		
08	92	17	5			56	17	3			41	12	3		
09	93	14	7			57	15	4			41	10	5		
10	96	9	11			58	17	4			40	9	4		
11	95	12	8			58	17	3			38	10	2		
12	97	14	8			63	16	5			36	13	3		
13	99	17	9			64	19	6			37	17	4		
14	101	18	11			65	25	6			37	23	2		
15	101	16	11			65	27	6			37	30	3		
16	100	17	10			65	25	7			36	28	2		
17	106	12	17			66	21	9			40	19	3		
18	104	15	15			67	20	10			49	16	6		
19	106	11	14			69	21	10			63	13	11		
20	111	6	12			83	13	12			71	9	10		
21	115	5	10			89	9	11			74	6	10		
22	117	3	10			90	8	8			75	5	10		
23	114	6	5			92	5	8			74	5	8		

Hour (LST)	5					10					20														
	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}
00	64	5	5			39	3	2			25	1	1												
01	61	6	3			39	2	3			24	2	0												
02	61	4	4			38	2	3			24	1	0												
03	60	5	4			38	2	3			24	2	0												
04	60	5	6			39	4	2			24	2	0												
05	56	4	4			40	2	2			24	1	0												
06	49	8	4			41	4	2			24	1	0												
07	44	7	5			42	3	3			24	1	1												
08	36	9	4			41	2	4			24	2	1												
09	32	10	3			38	4	2			23	3	0												
10	31	9	3			38	3	3			23	2	1												
11	31	9	4			35	3	4			23	6	1												
12	31	12	4			36	6	3			23	9	1												
13	31	16	4			40	7	4			24	6	2												
14	33	19	4			41	7	4			24	3	2												
15	39	16	8			45	5	5			24	3	2												
16	43	17	8			43	5	5			24	2	1												
17	48	14	8			45	6	4			24	2	1												
18	58	9	9			48	5	5			25	3	2												
19	62	8	7			49	5	5			25	3	1												
20	66	6	6			51	7	4			25	2	2												
21	67	5	6			49	9	6			24	3	0												
22	67	5	7			45	7	6			25	2	1												
23	66	5	7			41	6	4			25	1	1												

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 Kekaha, Hawaii Lat. 22.0 N Long. 159.7 W Month March 1964

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
00	150	5	2	10.5	17.0	126	8	4	10.0	16.0	104	11	3	10.0	17.0	83	14	5	12.5	21.0	58	12	4	9.0	13.0	52	10	1			39	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	22.5	60	11	7	9.0	12.5	54	8	4			39	5	4	4.5	8.0	24	2	2	1.0	3.0
02	152	4	2	11.0	17.0	128	6	5	10.5	16.0	104	10	5	11.0	18.0	85	11	8	12.0	21.0	60	11	5	9.5	13.5	54	11	4			35	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	8	12.0	17.0	62	10	6	8.5	12.5	54	9	4			37	5	6	3.0	5.0	24	2	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	18.5	62	9	6	10.0	14.5	52	8	2			33	6	2	2.5	4.5	24	2	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	20.5	60	9	6	9.5	14.0	50	10	4	5.5	8.0	33	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	18.0	60	9	6	9.0	12.5	50	8	6	4.0	6.0	33	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	13.0	54	11	5	7.0	10.0	50	8	6	5.0	7.5	35	8	2	4.0	6.5	24	2	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	*17.5	46	13	6	4.5	6.0	42	10	10	5.0	9.0	35	5	4	5.0	7.0	24	2	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	17.5	38	11	7	2.0	4.0	33	11	9	6.5	9.0	27	13	2	4.5	6.0	24	2	2	2.0	3.5
10	148	7	3	14.0	21.0	110	19	12	12.0	18.0	82	20	12	16.0	26.0	57	27	4	6.5	10.0	35	18	6	2.0	4.0	30	15	8	3.0	5.5	25	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	*12.0	*20.0	32	10	4	1.5	3.5	24	13	4	*2.5	*4.5	25	11	8	*6.0	*8.0	22	2	2	2.5	4.0
12	148	6	4	14.5	22.0	108	16	10	14.5	20.5	80	22	10	15.5	28.0	55	20	4	*15.0	*24.0	30	12	4	2.0	3.5	26	10	6	*2.0	*3.5	21	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	*14.0	*22.0	30	12	4	2.0	3.5	28	9	9	2.5	5.0	21	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	*14.0	*23.5	33	8	7	2.0	4.0	24	14	6	3.0	5.0	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	12.0	21.5	30	14	4	2.0	3.5	26	15	6	4.0	6.0	25	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	*23.0	56	21	4	*12.0	*19.0	38	8	10	2.0	4.0	30	16	4	2.5	4.0	33	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	12.0	19.5	38	10	8	2.0	4.0	34	17	4	5.5	7.5	35	8	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	23.5	44	15	6	2.5	4.0	46	7	7	6.0	8.5	35	8	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	22.5	75	19	11	*14.0	*22.0	52	10	6	7.0	9.5	48	8	3	7.0	9.5	37	5	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	18.5	56	9	6	9.0	13.0	50	10	5	5.0	8.5	37	5	4	4.0	7.0	24	2	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	20.0	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	*18.0	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	20.0	58	15	6	8.0	11.0	54	6	4	*5.5	*10.0	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 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 Kekaha, Hawaii Lat. 22.0 N Long. 159.7 W Month April 19 64

Frequency (Mc)

Hour (LST)	.013 Fam	Du	Dℓ	Vdm	Ldm	.051 Fam	Du	Dℓ	Vdm	Ldm	.160 Fam	Du	Dℓ	Vdm	Ldm	.495 Fam	Du	Dℓ	Vdm	Ldm
00	152	2	2	7.5	12.0	126	4	2	10.5	16.0	106	4	6	10.5	17.5	84	6	8	11.0	19.0
01	152	2	2	8.0	12.5	128	4	4	10.5	16.0	106	4	6	10.0	16.0	84	6	6	10.0	18.5
02	152	2	2	8.0	13.0	130	2	4	10.0	15.5	106	4	6	10.0	16.5	84	4	6	11.0	19.0
03	152	2	2	9.0	15.0	130	0	4	10.5	17.0	104	6	2	10.0	16.0	84	6	6	11.5	19.0
04	152	2	2	10.0	15.5	130	2	4	10.5	16.5	106	4	6	10.5	17.5	82	8	4	9.0	15.5
05	152	2	2	10.5	16.5	130	2	4	10.0	16.5	104	6	4	9.5	15.0	82	6	4	9.5	15.5
06	154	2	2	10.5	17.0	126	2	4	11.0	17.5	94	4	8	*12.0	*18.5	62	14	4	6.0	9.0
07	150	2	2	11.0	16.5	118	4	2	10.5	17.0	82	8	10	10.0	14.5	54	14	4	*4.5	*7.0
08	150	2	2	11.0	17.0	108	12	6	*11.5	*16.0	74	20	6	13.0	20.0	54	16	4	4.0	6.0
09	148	4	2	11.0	17.0	104	12	4	*14.0	*19.0	78	12	12	15.5	22.5	54	18	4	9.5	12.5
10	150	2	2	11.0	17.0	106	8	4	12.5	16.5	76	12	8	*12.5	*15.0	54	15	2	*8.5	*11.5
11	148	4	0	11.5	17.0	108	8	4	13.5	18.5	73	13	7	*13.0	*20.0	54	10	4	*5.0	*8.0
12	148	5	2	12.0	18.0	110	7	6	13.0	17.0	74	14	8	*7.5	*11.0	52	12	2	*6.0	*8.0
13	150	2	4	13.0	20.0	108	8	4	14.0	19.0	72	12	6	*12.0	*20.0	52	13	2	*5.0	*7.5
14	148	6	2	13.0	19.5	108	10	6	13.0	20.0	72	13	8	*9.0	*14.0	54	10	4	*3.5	*5.5
15	149	3	5	12.5	19.0	108	8	6	11.0	16.0	72	12	6	10.0	13.0	52	9	2	*4.0	*6.0
16	148	4	2	13.0	20.0	104	9	6	12.5	17.0	72	10	8	*12.0	*16.5	52	9	2	*4.0	*6.0
17	148	4	4	13.5	21.0	102	10	4	*13.0	*18.0	72	14	4	*7.5	*12.0	52	10	2	3.5	5.0
18	148	2	4	12.5	19.0	104	8	2	9.0	12.0	80	12	6	7.5	12.0	60	8	4	6.0	8.5
19	148	2	4	10.5	17.0	110	6	2	8.5	10.0	90	8	8	10.5	17.0	74	12	6	10.0	17.0
20	148	4	2	10.0	16.0	116	6	4	11.0	16.0	96	6	8	11.5	18.5	78	8	6	10.0	16.0
21	150	2	2	9.0	14.5	120	4	6	11.0	16.0	99	5	9	12.0	20.0	80	6	6	10.5	18.5
22	151	3	1	8.5	14.0	122	4	4	11.0	17.0	102	4	8	12.5	21.0	84	4	8	*10.5	*18.5
23	152	2	2	8.0	13.0	124	4	2	12.0	17.5	105	5	9	11.5	19.0	84	4	8	10.5	18.0

Hour (LST)	2.5 Fam	Du	Dℓ	Vdm	Ldm	5 Fam	Du	Dℓ	Vdm	Ldm	10 Fam	Du	Dℓ	Vdm	Ldm	20 Fam	Du	Dℓ	Vdm	Ldm
00	57	4	6	5.5	8.5	54	4	4	*3.0	*6.0	40	4	4	*7.5	*11.5	24	0	2	1.5	3.0
01	57	4	6	5.0	8.0	52	6	2	*5.0	*9.0	38	8	2	*5.0	*7.0	24	0	0	2.0	3.5
02	57	4	4	6.0	8.5	52	4	2	*4.5	*9.5	38	2	4	3.5	5.5	24	2	0	1.5	3.0
03	57	4	4	6.0	9.0	52	4	4	*5.5	*9.5	37	5	3	3.5	5.5	24	0	0	2.0	3.5
04	57	4	4	5.5	7.5	50	6	2	*6.5	*11.0	34	2	2	2.5	4.5	24	2	2	1.5	3.0
05	55	6	4	6.0	9.5	48	6	4	5.0	7.0	32	2	2	2.0	3.5	24	0	2	2.0	3.5
06	57	4	4	5.5	8.5	48	6	2	5.0	7.5	34	4	2	2.5	4.5	24	2	2	1.5	3.5
07	47	6	2	2.5	5.0	42	4	2	3.5	5.5	36	2	4	4.0	6.0	24	0	2	2.5	4.0
08	41	6	6	2.5	5.0	34	6	8	3.5	5.5	32	2	2	4.0	6.0	24	2	2	2.0	4.0
09	33	8	4	2.0	3.5	26	8	6	3.0	5.0	28	4	6	3.5	6.0	24	2	2	2.5	4.0
10	29	8	0	2.0	4.0	22	6	2	2.0	4.0	24	4	4	3.0	5.0	22	2	2	2.0	3.5
11	29	8	2	2.0	3.5	20	10	2	1.5	3.5	22	2	4	2.0	4.0	22	2	2	2.0	4.0
12	27	15	0	2.0	3.5	22	8	4	2.5	4.0	20	6	4	*4.5	*6.0	22	2	2	2.5	4.0
13	27	16	0	2.0	3.5	20	12	2	2.0	4.0	20	2	4	3.0	5.0	22	3	2	2.5	4.0
14	27	14	2	1.5	3.0	20	12	2	2.5	4.5	21	6	4	4.5	6.0	24	2	4	*2.0	*3.5
15	27	14	2	2.0	4.0	20	8	0	1.5	3.0	24	4	4	4.0	5.5	22	4	0	1.5	3.5
16	29	11	2	2.0	3.5	26	4	6	2.5	4.0	30	3	7	4.0	6.0	24	2	4	2.5	4.5
17	31	12	2	2.5	4.0	29	9	3	2.5	4.5	34	6	3	4.0	6.5	24	6	2	3.0	4.5
18	37	10	4	3.0	4.5	42	6	8	4.0	6.0	38	4	2	4.5	7.0	24	3	2	2.5	4.0
19	47	10	6	*4.0	*6.0	48	4	6	3.5	5.5	38	4	4	5.0	7.0	24	4	2	2.0	3.5
20	53	8	6	7.0	9.5	50	4	6	3.5	6.0	38	2	4	5.5	8.0	22	2	0	1.5	3.0
21	55	6	6	7.0	9.5	51	3	5	3.0	5.0	36	2	4	4.5	6.5	22	4	0	1.5	2.5
22	55	6	4	6.0	9.5	52	4	4	3.0	5.0	36	4	2	4.0	7.0	22	2	0	1.0	2.5
23	57	6	6	*6.5	*10.0	53	3	3	*3.0	*5.5	40	4	6	*5.5	*7.5	22	4	0	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

RN-13

MONTH-HOUR VALUES OF RADIO NOISE

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

Frequency (Mc)

Hour (LST)	.013 Fam	.013 Du	.013 Dℓ	.013 Vdm	.013 Ldm	.051 Fam	.051 Du	.051 Dℓ	.051 Vdm	.051 Ldm
00	152	2	2	9.5	14.5	124	4	2	10.5	16.0
01	152	4	0	9.5	15.0	126	4	4	10.5	16.0
02	154	2	4	10.0	16.0	126	4	4	10.5	17.5
03	152	4	2	10.0	16.0	127	3	5	11.0	17.0
04	152	4	3	10.5	17.0	128	2	5	11.5	18.0
05	152	4	2	11.5	18.0	128	3	5	11.5	18.0
06	154	2	4	11.5	19.0	120	3	4	10.5	16.5
07	150	4	2	12.0	18.5	114	3	4	11.5	17.5
08	150	2	4	12.0	18.5	104	12	6	10.0	14.0
09	150	2	4	11.5	17.5	104	11	4	9.0	12.0
10	148	2	2	12.0	18.0	106	10	7	13.0	16.5
11	148	3	2	11.5	17.0	108	8	8	*15.0	*19.5
12	149	1	3	11.5	17.0	108	8	8	*7.0	*9.0
13	148	4	2	11.5	17.0	106	14	6	16.0	21.0
14	148	4	2	12.5	18.0	104	16	4	13.0	16.0
15	148	4	4	13.0	19.0	104	10	4	13.0	17.0
16	147	3	3	13.0	19.0	104	7	6	11.0	13.0
17	146	4	3	13.5	19.5	102	8	6	*10.0	*13.0
18	146	4	2	11.0	17.5	101	8	2	9.5	13.0
19	148	2	4	10.0	16.0	110	4	4	5.5	9.0
20	148	2	2	9.5	15.5	116	5	5	9.0	13.0
21	150	2	3	9.5	15.0	118	7	4	10.0	15.0
22	150	2	2	9.0	14.0	122	6	6	11.0	16.0
23	152	2	2	9.0	15.0	124	4	8	11.5	17.5

Hour (LST)	.160 Fam	.160 Du	.160 Dℓ	.160 Vdm	.160 Ldm	.495 Fam	.495 Du	.495 Dℓ	.495 Vdm	.495 Ldm
00	102	5	6	11.0	18.5	78	8	9	12.0	20.5
01	102	6	6	12.0	20.5	82	6	11	12.0	20.5
02	102	5	6	13.0	21.0	78	9	8	13.5	20.0
03	100	8	6	13.0	21.5	78	11	8	*14.0	*24.5
04	100	8	7	12.0	21.5	78	10	11	15.0	24.0
05	96	10	4	12.5	19.5	72	10	7	*12.0	*19.5
06	82	8	6	*13.5	*19.0	58	4	4	3.0	4.5
07	70	16	2	8.0	11.5	56	10	4	3.0	5.0
08	74	16	6	15.5	25.0	56	12	4	5.0	7.0
09	72	20	4	7.5	12.0	54	15	4	3.5	5.0
10	76	16	9	*11.5	*17.0	54	14	2	6.0	8.0
11	74	12	6	12.5	22.0	54	12	2	6.0	8.0
12	74	8	6	*5.0	*7.5	52	10	2	*4.0	*6.0
13	72	16	6	*6.5	*9.5	54	6	4	3.0	5.5
14	72	18	8	5.0	8.5	54	10	4	*5.0	*7.0
15	72	12	6	*12.0	*17.0	52	10	0	4.0	6.0
16	72	15	6	7.0	20.5	54	3	4	*4.0	*5.5
17	72	14	6	*7.0	*13.5	54	9	4	3.0	5.0
18	76	10	4	9.5	13.5	58	8	4	3.5	5.0
19	88	7	6	6.5	11.0	66	10	4	9.0	12.0
20	92	13	4	10.0	15.0	72	11	4	10.5	16.5
21	96	8	5	12.5	19.0	76	9	7	*9.5	*14.5
22	98	10	8	13.5	20.5	78	8	8	11.0	16.0
23	99	7	5	11.0	17.5	78	9	7	*10.5	*15.5

Hour (LST)	2.5 Fam	2.5 Du	2.5 Dℓ	2.5 Vdm	2.5 Ldm	5 Fam	5 Du	5 Dℓ	5 Vdm	5 Ldm
00	56	9	4	5.0	7.5	51	5	4	4.0	7.5
01	56	7	5	6.0	10.0	51	7	4	6.0	10.0
02	56	8	6	5.0	8.0	51	6	5	5.5	9.5
03	56	7	6	7.0	11.0	49	12	3	*7.0	*14.5
04	56	7	5	7.0	12.5	49	6	4	5.0	9.0
05	54	7	2	4.5	6.5	48	5	3	5.5	8.5
06	52	6	2	5.0	8.0	46	3	5	6.0	9.5
07	47	4	5	2.0	4.0	37	7	6	4.5	7.0
08	40	4	6	3.0	5.0	27	10	3	3.0	5.0
09	33	7	3	2.0	4.0	23	9	4	3.5	5.5
10	30	8	2	2.5	4.5	21	7	3	2.5	5.0
11	30	10	2	2.0	3.5	21	8	4	*4.0	*8.0
12	30	12	2	2.0	4.0	19	11	2	3.5	7.0
13	28	10	2	2.5	4.0	21	10	4	*3.0	*7.0
14	28	12	2	2.0	4.5	21	8	4	*2.5	*6.5
15	30	11	2	2.0	3.5	23	8	4	4.5	8.0
16	32	6	4	2.0	3.5	25	7	2	2.5	5.5
17	38	6	8	2.0	3.5	31	6	7	3.0	4.5
18	42	4	6	2.0	4.0	41	4	6	2.5	5.0
19	50	2	4	2.0	4.0	45	6	2	3.5	6.0
20	52	8	3	4.0	6.0	49	4	4	3.5	7.0
21	54	6	2	6.5	9.0	49	4	3	4.5	7.5
22	54	7	3	4.5	7.0	49	4	2	4.0	6.5
23	56	9	4	6.0	9.5	51	4	4	4.0	6.5

Hour (LST)	10 Fam	10 Du	10 Dℓ	10 Vdm	10 Ldm	20 Fam	20 Du	20 Dℓ	20 Vdm	20 Ldm
00	38	6	2	*5.5	*9.0	25	2	0	1.5	3.0
01	38	4	4	3.5	6.0	25	2	2	1.5	3.0
02	36	5	4	3.5	5.0	25	0	2	1.5	3.0
03	36	6	4	*5.0	*7.5	25	2	2	1.0	2.5
04	38	5	6	5.0	8.0	25	0	2	1.0	3.0
05	34	2	4	3.0	4.5	25	0	2	1.0	3.0
06	38	2	6	*7.0	*14.5	25	0	2	1.5	3.5
07	32	6	5	*7.0	*10.0	23	2	0	1.5	3.0
08	28	6	3	4.5	6.5	23	2	1	1.5	3.0
09	26	8	4	*2.0	*4.0	23	0	2	2.0	3.5
10	22	6	2	2.5	4.5	21	2	0	2.0	3.0
11	22	4	2	*4.0	*6.0	21	2	0	2.0	4.0
12	22	6	4	3.5	5.0	21	2	0	2.0	3.5
13	22	4	4	*4.0	*6.0	21	4	0	1.5	3.0
14	22	6	2	2.5	4.0	23	0	2	2.0	4.0
15	24	6	2	3.0	5.5	23	1	2	2.5	4.0
16	30	4	4	3.5	6.0	23	2	2	2.5	4.0
17	36	2	6	3.5	7.0	23	2	2	3.0	5.0
18	38	3	4	4.5	7.5	23	2	0	2.0	3.5
19	36	4	2	4.5	7.5	25	2	2	3.0	4.5
20	36	2	2	4.0	6.5	25	0	2	1.5	3.5
21	36	4	2	3.5	6.0	25	2	2	1.0	3.0
22	36	4	2	4.0	6.5	25	2	0	1.0	3.0
23	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_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 New Delhi, India Lat. 28.8 N Long. 77.3 E Month March 1964

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
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	65	10	10	5.5	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	65	10	10	5.0	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	63	10	11	5.0	6.5	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	12.0	109	11	8	9.0	13.0	88	14	10	7.0	11.0	63	10	10	6.5	9.5	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	63	12	12	5.0	7.0	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	61	6	10	6.0	7.0	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	58	11	11	5.5	6.0	54	7	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	47	14	5	3.0	4.5	46	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	47	19	4	2.0	3.0	*48			*3.0	*3.0	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	*11.5	*16.5	70	33	4	*3.0	*4.0	46	21	6	2.0	4.0	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	44	14	5	*3.0	*4.0	35	7	11	*3.0	*6.0	*30			*6.0	*8.0	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	*9.0	*13.0	70	15	2	3.5	4.0	43	10	2	2.0	3.5	34	9	8	*3.0	*5.0	*36			*3.5	*5.0	27	6	2	*6.0	*5.5
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	43	19	5	2.5	3.5	35	12	6	2.5	4.0	*35			*6.0	*8.0	28	6	2	4.0	5.0
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	43	16	5	2.5	3.0	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	44	15	3	*3.5	*5.0	42	8	10	*5.0	*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	47	12	6	*3.5	*5.0	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	49	30	8	4.5	5.0	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	55	18	13	6.0	7.5	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	66	18	17	6.5	8.5	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	65	12	15	7.0	9.5	58	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	64	12	15	6.0	9.0	56	8	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	65	11	14	6.0	8.0	57	7	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	65	10	13	6.0	9.0	58	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	65	10	15	7.0	9.0	59	7	9	4.0	6.5	39	7	5	5.0	7.0	25	2	0	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

MONTH-HOUR VALUES OF RADIO NOISE

Station New Delhi, India Lat. 28.8 N Long. 77.3 E Month April 19 64

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	F_{om}	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_{om}	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}
00	155	4	4	7.0	10.5	134	4	4	7.0	10.5	117	6	6	6.5	11.0	98	6	8	7.0	10.0	67	8	10	*7.0	*10.5	56	8	8	7.0	8.0	37	6	4	*5.5	*8.0	28	0	2	2.0	4.0
01	155	2	4	7.0	10.5	134	8	4	7.0	11.0	117	6	10	7.0	11.0	97	5	9	6.5	10.0	67	4	10	7.0	9.5	56	6	10	6.0	8.0	39	6	6	6.0	8.5	28	0	2	2.0	3.5
02	155	2	4	8.0	11.0	134	6	4	7.0	11.0	116	5	8	7.0	11.0	96	6	12	7.0	11.0	65	8	10	*8.0	*11.5	58	4	12	8.0	10.5	39	4	10	*4.5	*6.0	28	0	2	2.0	4.0
03	155	2	4	7.5	11.0	134	4	6	7.0	11.0	115	5	8	7.0	11.5	95	3	13	6.0	10.5	64	7	10	*8.0	*10.5	56	4	10	*5.5	*8.5	35	7	6	*3.5	*5.5	28	0	2	2.0	3.0
04	155	4	4	9.0	12.0	134	4	6	8.0	12.0	112	5	9	9.0	13.0	88	10	8	7.0	12.0	65	6	12	*9.5	*14.0	53	7	7	6.0	8.5	35	4	6	*5.5	*7.5	28	1	2	2.0	3.0
05	155	2	4	8.0	12.0	128	6	4	6.5	10.0	107	8	12	7.0	12.0	76	17	5	4.5	7.0	65	2	16	*7.0	*11.0	54	4	8	*7.0	*11.0	39	8	8	*4.0	*6.5	28	2	2	1.5	3.0
06	151	4	2	8.0	11.5	124	7	4	5.0	7.5	99	10	8	9.0	14.0	72	12	4	3.5	6.0	55	10	10	*7.0	*8.0	50	11	9	*8.0	*11.0	40	7	5	7.0	9.0	28	2	0	2.0	4.5
07	151	4	2	8.0	12.0	122	8	4	4.5	7.0	101	13	6	8.0	13.0	74	21	6	3.5	5.0	49	10	10	*5.0	*7.0	46	10	9	*9.5	*13.5	37	5	3	*5.5	*8.0	28	2	2	3.0	4.5
08	151	4	1	8.0	12.0	122	8	2	4.0	7.0	99	14	7	6.5	12.0	72	24	4	3.0	4.5	47	8	12	*4.0	*5.5	*48			*7.0	*9.0	37	4	6	7.5	9.5	28	2	3	3.5	5.0
09	152	3	3	8.0	12.5	124	7	4	6.0	9.0	102	9	11	*9.0	*17.0	74	18	7	3.0	5.0	47	6	4	*4.0	*5.0	*45			*6.0	*9.0	*31			*8.0	*9.5	28	2	2	3.0	4.0
10	153	3	4	8.5	12.0	124	7	5	5.0	8.0	*104			*8.0	*13.0	74	13	5	3.5	6.5	46	4	1	*3.0	*5.0	40	6	6	*6.0	*8.5	*35			*4.5	*7.5	*28			4.0	6.5
11	153	4	4	7.5	11.0	124	6	4	5.5	8.5	*99			*9.5	*14.0	74	12	6	*3.0	*5.0	*49			*3.5	*4.5	*35			*6.5	*7.5	*33			*9.0	*10.0	*29			4.0	4.5
12	155	1	4	6.5	9.5	126	6	4	6.5	10.0	101	11	7	*7.0	*10.0	74	19	6	*3.0	*6.5	49	3	5	*5.0	*5.5	40	8	8	*4.0	*5.0	34	13	5	*6.5	*7.5	32	6	4	3.0	4.0
13	155	5	3	8.0	10.0	128	5	4	7.0	10.0	107	12	6	5.5	9.0	76	24	6	6.0	8.0	47	6	2	*3.0	*5.0	38	10	8	*4.5	*5.5	37	11	9	6.0	8.5	32	3	3	4.0	6.0
14	157	4	4	8.0	11.0	128	12	4	6.0	9.5	105	12	9	6.0	9.0	76	24	7	7.5	10.0	*47			*3.0	*5.0	44	12	12	*4.0	*5.0	41	11	9	*5.0	*8.0	34	5	3	7.0	8.0
15	157	3	3	7.5	11.5	130	10	6	6.5	10.0	107	14	11	7.5	10.5	82	18	14	7.5	11.5	45	11	5	*4.0	*6.0	46	12	10	*4.0	*6.5	45	9	8	*6.5	*8.0	36	6	2	6.5	8.5
16	157	6	2	7.0	10.0	130	12	6	7.0	10.0	107	12	6	5.0	8.0	78	26	8	8.0	10.0	48	14	8	*4.0	*6.0	54	10	12	6.0	9.0	47	8	6	4.5	7.0	36	2	3	5.5	7.5
17	157	4	2	7.0	11.0	130	11	4	7.0	10.0	111	12	6	6.0	8.0	86	18	8	4.5	7.5	52	13	7	5.0	6.0	60	8	12	*4.5	*7.0	49	11	6	*5.0	*8.0	38	2	7	6.0	7.0
18	157	4	2	7.0	10.0	134	8	6	6.0	9.0	117	8	6	5.5	9.0	95	9	7	5.0	7.5	61	12	8	5.5	8.5	58	8	8	*6.0	*7.5	47	8	6	5.0	8.0	34	6	4	6.0	8.0
19	155	4	0	6.0	9.5	136	6	8	6.0	9.0	117	8	6	5.0	9.0	99	9	5	5.0	8.0	65	12	8	*6.0	*8.5	62	5	11	*5.5	*9.5	47	6	6	6.0	8.5	28	6	2	4.5	5.5
20	157	4	2	6.0	9.0	136	5	6	6.0	9.0	119	4	6	5.0	8.0	102	6	6	5.0	8.0	69	8	12	6.5	9.5	60	6	10	6.0	8.0	45	8	7	5.5	7.5	26	3	0	3.0	4.5
21	157	2	2	6.0	9.0	134	8	5	6.0	9.0	119	7	7	6.0	10.0	101	8	6	5.5	10.0	69	4	8	6.0	9.0	60	4	8	*6.5	*9.0	41	6	8	6.0	7.0	26	1	1	2.5	4.0
22	156	5	3	6.0	8.5	134	7	4	7.0	9.0	119	6	6	6.5	11.0	100	8	6	5.0	10.0	65	8	10	*6.0	*9.0	58	6	10	*6.0	*8.0	41	5	7	*6.0	*8.0	26	3	0	2.0	3.0
23	155	5	2	6.5	10.0	134	6	4	6.0	9.0	117	7	5	6.0	9.0	100	6	9	5.0	10.0	67	6	14	6.0	9.0	58	6	12	*5.5	*7.5	39	4	6	5.5	7.0	26	2	0	2.0	3.0

F_{am} = median volue of effective ontenno noise in db obove ktb
D_u = ratic of upper decile to median in db
D_ℓ = rotio of median to lower decile in db
V_{dm} = median deviatian of average voltage in db below mean power
L_{dm} = median deviotion of average iagarithm in db below meon power

MONTH-HOUR VALUES OF RADIO NOISE

Station New Delhi, India Lat. 28.8 N Long. 77.3 E Month May 1964

Frequency (Mc)

Hour (LST)	.013 Fam	.013 Du	.013 Dℓ	.013 Vdm	.013 Ldm	.051 Fam	.051 Du	.051 Dℓ	.051 Vdm	.051 Ldm	.160 Fam	.160 Du	.160 Dℓ	.160 Vdm	.160 Ldm	.495 Fam	.495 Du	.495 Dℓ	.495 Vdm	.495 Ldm
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
01	158	8	4	10.0	12.0	138	10	7	9.0	11.0	118	12	9	9.0	15.0	98	19	6	8.5	12.0
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
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
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
05	156	3	3	8.0	10.5	126	10	13	*8.0	*11.0	98	20	8	*10.5	*15.5	73	18	5	8.5	10.0
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
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
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
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
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
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
12	156	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
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
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
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
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
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
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
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
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
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
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
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

Hour (LST)	2.5 Fam	2.5 Du	2.5 Dℓ	2.5 Vdm	2.5 Ldm	5 Fam	5 Du	5 Dℓ	5 Vdm	5 Ldm	10 Fam	10 Du	10 Dℓ	10 Vdm	10 Ldm	20 Fam	20 Du	20 Dℓ	20 Vdm	20 Ldm
00	67	10	6	*6.0	*8.5	57	4	6	*4.5	*7.0	44	9	6	4.5	7.0	24	6	2	3.0	3.5
01	67	17	4	*8.0	*10.0	59	16	6	5.5	8.0	43	14	6	5.0	6.5	24	5	2	2.5	3.5
02	*67			6.0	9.5	55	13	4	*5.0	*8.0	41	8	3	4.5	6.0	24	4	2	2.0	3.5
03	67	9	6	6.0	9.0	55	8	5	*7.0	*10.0	43	6	6	4.5	6.0	24	4	2	*2.0	*3.5
04	65	11	7	*6.0	*10.0	55	12	6	6.0	9.0	*41			5.0	7.5	*24			*2.0	3.5
05	55	15	3	5.5	8.0	51	13	6	5.0	7.5	43	6	2	4.0	6.0	24	2	2	2.0	3.0
06	51	10	6	*3.0	5.0	46	14	7	*6.0	*8.0	*41			3.0	5.0	24	2	0	1.0	3.0
07	47	5	6	*2.0	3.0	*39			*9.0	*13.0	37	14	6	4.5	6.5	24	2	2	*2.5	*3.0
08	47	11	2	*2.0	4.0	*33			*9.5	*13.0	35	6	6	5.5	7.0	24	4	2	*2.0	*3.0
09	47	6	4	*7.0	3.0	37	11	5	*2.0	*4.0	*29			4.0	6.0	*24			*2.5	*3.5
10	*47			*2.0	3.0	*39			*3.0	*4.5	*35					24	2	2	*3.0	*4.0
11	*47			*2.0	4.0	*37			*3.0	*5.0	*39			5.5	8.0	*26			*3.0	*5.0
12	49	14	4	*2.5	4.0	42	9	7	*3.5	*6.0	42	7	5	7.0	10.0	28	4	4	*3.0	*5.0
13	51	11	7	*2.0	3.5	*43			*4.5	*7.0	45	4	4	3.5	6.0	30	2	2	*4.5	*6.0
14	*54			*3.0	4.0	45	13	6	*4.0	*7.0	*47			4.0	7.0	30	7	2	4.0	6.0
15	52	22	5	*5.0	7.5	46	16	10	*5.5	*8.0	51	4	6	4.0	8.0	32	4	2	4.0	5.0
16	56	16	12	*5.0	7.0	*53			*4.5	*8.0	50	5	8	4.0	6.0	30	8	4	*4.5	*6.0
17	63	18	12	*4.0	6.5	61	6	14	*3.0	*6.0	53	4	6	3.5	5.0	32	6	4	4.0	6.0
18	*66			5.0	7.0	62	5	18	*5.0	*7.0	53	6	6	4.0	6.0	31	5	5	*4.5	*5.0
19	71	12	16	*4.0	6.5	62	9	16	*4.0	*6.0	*52			5.0	8.0	28	8	2	4.0	5.5
20	73	11	16	5.5	8.0	62	7	9	*5.0	*7.0	*51			7.5	10.0	28	10	6	4.0	5.0
21	73	8	13	*6.5	*9.0	61	10	16	6.0	8.5	47	11	4	5.0	8.0	26	12	4	4.0	4.0
22	73	8	11	6.5	9.0	59	6	8	5.0	7.0	47	6	4	5.0	8.0	24	11	2	*2.0	*3.5
23	69	12	8	4.0	7.0	59	7	6	*6.0	*8.0	49	10	6	3.5	7.0	24	8	2	*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

RN-13

MONTH-HOUR VALUES OF RADIO NOISE

Station Ohira, Japan Lat. 35.6 N Long. 140.5 E Month March 1964

Frequency (Mc)

Hour (LST)	.013					.051					.160					.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_{am}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{om}	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}
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	*9.5	+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	2.0	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	*2.0	+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	*2.0	+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	2.0	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	*2.5	+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			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	3.5-	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	*11.0	+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	*10.0	+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} = medion 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} = medion deviation of average voltage in db below meon power
L_{dm} = median deviatian of overage logarithm in db below mean pawer

MONTH-HOUR VALUES OF RADIO NOISE

Station Ohira, Japan Lat. 35.6 N Long. 140.5 E Month April 1964

Frequency (Mc)

Hour (LST)	.013 Fam	Du	Dℓ	Vdm	Ldm	.051 Fam	Du	Dℓ	Vdm	Ldm	.160 Fam	Du	Dℓ	Vdm	Ldm	.495 Fam	Du	Dℓ	Vdm*	Ldm*
00	155	2	2	10.0	14.0	130	4	2	*10.0	*14.5	111	4	5	*6.5	*10.0	90	6	4	6.0	8.0
01	155	2	2	*11.5	*15.0	132	2	4	9.0	14.5	111	5	7	7.5	12.0	90	7	4	6.5	10.0
02	155	4	4	10.0	15.0	132	2	3	10.0	14.5	109	6	0	*9.0	*13.0	88	9	3	7.5	11.5
03	157	2	5	*10.5	*15.0	132	2	3	*10.0	*15.0	109	7	2	7.5	11.5	86	9	2	8.0	13.5
04	157	2	4	*11.0	*16.0	132	2	3	9.5	14.0	107	4	4	7.5	10.5	82	8	5	8.0	13.0
05	155	3	3	11.5	16.5	134	3	4	10.0	15.0	96	7	5	7.5	11.5	66	15	8	10.0	13.5
06	151	3	2	10.5	15.0	120	5	5	*9.5	*14.5	89	9	8	12.5	18.0	60	5	5		
07	151	4	2	12.5	17.0	115	8	7	*16.0	*22.0	85	11	9	14.0	19.0	58	7	4	2.5	4.5
08	153	3	4	*14.0	*19.0	110	11	6	*16.5	*23.0	83	12	10	10.5	14.0	62	8	6	4.5	6.5
09	151	4	2	13.5	18.5	112	6	7	*14.5	*20.0	79	15	6			62	10	6		
10	*153			*14.5	*19.0	114	8	4	*12.5	*18.5	83	12	12			61	9	5	9.5	14.5
11	151	2	4	*14.5	*19.0	113	7	3	*12.5	*20.0	85	6	14	15.0	17.5	60	13	4	4.0	6.0
12	154	1	5	15.0	20.0	116	7	6	*16.0	*22.5	83	12	12	7.0	8.5	60	10	2		
13	153	4	4	14.0	18.5	118	6	4	*12.5	*18.5	83	12	8	12.0	18.0	61	15	3	4.0	6.5
14	153	4	2	*12.0	*17.5	118	8	4	*11.0	*16.0	81	15	6	11.0	16.0	60	14	2	5.5	13.0
15	155	2	2	*11.0	*16.0	118	6	6	10.0	15.0	81	14	8	8.0	12.0	60	10	4	9.0	11.5
16	155	4	2	9.5	14.5	116	6	8	9.5	14.0	83	12	10	7.5	10.5	60	8	4		
17	155	4	2	9.0	14.0	114	8	6	*11.0	*15.0	85	8	8	12.5	12.0	68	8	6	7.0	12.0
18	155	2	2	13.5	12.0	120	6	8	*9.5	*13.5	96	11	7	11.5	15.5	78	9	6	8.0	12.5
19	157	1	4	9.0	13.5	125	6	6	*10.0	*14.5	103	10	8	9.0	12.0	84	11	4	10.0	13.5
20	157	2	2	10.0	13.5	128	4	4	9.0	13.0	107	6	6	6.5	11.0	88	5	6	8.0	12.0
21	157	2	2	9.5	13.0	130	4	4	*18.0	*14.0	109	6	6	7.0	11.0	90	6	7	6.0	10.0
22	157	4	2	10.5	15.0	130	4	4	8.0	13.0	109	6	4	7.0	11.5	92	4	6	5.5	9.0
23	155	3	2	10.0	15.0	130	3	3	9.5	14.0	110	4	5	8.5	11.5	90	6	5	5.0	9.0

Hour (LST)	2.5 Fam	Du	Dℓ	Vdm	Ldm	5 Fam	Du	Dℓ	Vdm	Ldm	10 Fam	Du	Dℓ	Vdm	Ldm	20 Fam	Du	Dℓ	Vdm	Ldm
00	61	6	4	*5.0	*8.0	57	6	4	4.5	7.5	41	2	4	3.5	6.0	24	0	0	1.0	2.5
01	61	6	6	6.0	10.0	57	4	4	4.5	7.5	43	4	6	5.0	7.0	24	0	0	1.0	2.5
02	61	6	8	5.0	8.0	57	4	6	4.5	7.5	43	10	6	3.5	6.0	24	0	2	1.0	2.5
03	61	6	8	5.0	8.0	67	6	2	*7.0	*11.0	39	8	6	4.0	6.5	24	0	2	1.0	2.5
04	61	6	8	5.0	9.0	63	6	6	*7.0	*10.0	35	12	4	2.5	4.5	24	0	2	1.0	2.5
05	57	8	8	6.0	9.0	59	6	4	6.0	9.0	41	12	6	5.0	7.0	24	0	2	1.0	2.5
06	47	8	2	6.0	9.0	49	6	6	4.0	8.0	39	22	4	*4.5	*7.5	24	0	2	1.5	3.0
07	43	4	4	5.5	9.5	39	6	2	*7.0	*10.0	41	14	8	5.5	8.0	24	2	0	1.5	3.0
08	41	2	2	7.0	10.0	37	4	4	6.0	9.0	37	12	6	*5.5	*9.0	24	2	0	*2.0	*3.5
09	39	5	1	*6.0	*10.0	33	4	1	*6.0	*8.0	31	10	3	*4.5	*6.0	*24			*2.0	*4.0
10	*39			*8.0	*10.5	33	6	2	*8.0	*11.0	31	7	4	*6.0	*9.0	24	2	2	*2.5	*4.5
11	39	2	2	6.5	9.5	33	6	2	*6.5	*9.5	27	6	2	*5.0	*7.0	24	4	2	*2.0	*4.0
12	39	0	2	7.0	10.0	31	6	2	*6.0	*9.5	27	10	2	*5.0	*7.0	24	4	2	*4.0	*5.5
13	39	4	2	7.0	10.0	31	8	2	*6.5	*9.0	31	8	6	*6.0	*8.0	26	4	4	2.5	4.5
14	39	4	2	7.0	9.5	33	7	2	*6.0	*9.0	33	7	2	*5.5	*9.0	28	2	4	*4.0	*6.0
15	39	4	0	*8.0	*11.0	37	6	4	*7.0	*9.5	37	2	4	*5.5	*9.0	26	4	2	*2.5	*4.5
16	41	4	2	*6.0	*8.5	42	9	5	*6.0	*9.0	39	6	2	*5.0	*9.0	28	2	2	3.0	5.0
17	43	4	2	*7.0	*10.0	53	6	4	*7.0	*12.0	44	4	4	4.0	7.0	28	2	4	*4.0	*5.5
18	51	6	4	*5.5	*9.5	63	6	8	*9.5	*13.5	45	4	4	4.0	7.0	28	2	4	3.0	5.0
19	61	6	10	*6.5	*10.5	68	7	9	*8.0	*12.5	45	4	2	4.5	7.5	26	4	4	*2.0	*4.0
20	61	8	6	6.0	10.0	69	6	6	*6.0	*9.5	43	8	2	4.0	6.5	24	2	2	1.5	3.0
21	65	4	6	*5.0	*8.5	71	6	10	*8.0	*12.5	41	8	4	*3.5	*6.0	24	0	2	1.5	3.0
22	67	4	6	5.0	8.0	57	6	2	4.5	7.5	41	4	6	3.5	6.0	24	0	2	1.5	2.5
23	65	6	6	3.5	6.5	59	6	4	4.0	7.0	41	6	4	4.0	6.0	24	0	0	1.0	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

MONTH-HOUR VALUES OF RADIO NOISE

Station Ohira, Japan Lat. 35.6 N Long. 140.5 E Month May 1964

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
00	156	5	6	*10.5	*16.0	129	6	4	11.0	16.5	107	5	6	*8.0	*13.0	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	129	10	5	*10.0	*16.0	107	8	4	*10.0	*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	130	7	8	11.0	16.5	107	7	4	*10.0	*15.0	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	131	8	6	11.5	17.0	107	15	5	10.0	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	130	7	5	13.5	20.0	103	2	26	*8.5	*13.5	73	16	11	9.5	15.0	56	11	4	*6.5	*11.5	55	12	5	*4.0	*7.0	38	4	5	*3.0	*5.5	25	2	0	1.5	3.5
05	154	3	3	12.0	17.5	123	9	3	13.0	18.0	85	20	8	*10.0	*13.5	57	25	2	3.0	5.0	48	7	6	*8.0	*13.0	50	8	6	*4.0	*7.0	40	4	4	4.5	6.5	25	2	1	*1.5	*4.0
06	152	5	3	*11.5	*17.0	115	16	4	*14.0	*20.0	81	20	10	*15.5	*18.0	57	22	2	2.5	4.5	44	7	2	*8.5	*13.0	44	12	6	*5.0	*8.0	38	5	6	*3.5	*6.0	25	3	2	*2.5	*4.5
07	152	5	2	*12.0	*17.5	113	14	10	*20.0	*25.5	84	22	12			60	13	5	3.5	5.5	40	9	0	*9.0	*13.0	44	8	10	*14.5	*18.5	38	4	6	*4.5	*6.0	27	1	2	2.0	3.5
08	154	4	5	*14.0	*20.0	113	14	8	*16.5	*23.0	85	19	11			61	9	4	3.0	5.0	40	6	0	7.0	11.0	38	11	4			36	8	4	*6.5	*8.5	25	4	2	*2.5	*4.5
09	152	6	2	15.0	21.0	117	14	6	19.0	27.0	83	18	10	*16.0	*23.0	65	20	7	20.0	28.5	40	4	0	*7.0	*10.5	38	8	4	*9.0	*12.0	32	8	4	*4.0	*5.0	26	3	3	*2.0	*4.0
10	*152			*15.5	*21.0	*119			*19.0	*26.0	87	16	11	*12.5	*16.0	63	24	6			*40			7.0	*10.0	*38			*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	119	12	6	*19.0	*24.0	80	23	9	*11.0	*13.5	62	21	5	3.5	5.5	40	4	0	*6.0	*9.5	38	5	4	*10.5	*14.0	28	4	0	*4.0	*6.0	25	2	2	*2.0	3.5
12	152	6	4	*16.0	*21.5	118	13	5	*16.0	*22.5	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	25	3	2	*1.5	*3.5
13	152	5	3	*15.0	*20.0	117	12	4	*17.0	*23.5	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	25	4	2	*3.0	*4.5
14	154	4	5	*14.0	*20.0	119	18	6	*14.5	*21.5	85	28	13	*11.5	*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	27	2	4	*3.5	*5.0
15	154	6	3	*12.5	*18.5	119	14	6	13.5	18.5	88	22	14	*11.0	*14.5	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	29	0	4	*3.0	*5.0
16	156	3	4	11.0	16.5	119	17	8	*15.0	*19.5	84	28	11	*10.0	*13.5	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	29	2	4	3.0	5.0
17	156	3	4	10.5	16.0	115	21	8	*12.0	*18.0	81	30	8	*16.0	*14.5	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	29	2	4	*3.0	*5.0
18	154	4	3	10.0	15.0	112	25	5	*10.5	*14.5	87	24	7	*12.5	*17.0	71	9	6	10.0	13.0	48	17	4	*10.0	*15.0	55	11	7	*9.0	*14.5	46	6	4	*6.0	*9.0	29	0	2	*2.5	4.5
19	154	6	2	9.0	14.0	120	17	6	13.0	18.0	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	29	2	4	3.0	4.5
20	156	4	4	*10.0	*15.5	127	12	4	12.0	18.0	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	29	1	4	2.5	4.5
21	158	2	6	10.5	15.5	129	8	3	9.5	14.0	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	27	2	2	*2.0	*4.0
22	156	5	4	10.5	15.0	129	7	3	*11.5	*16.0	107	9	4	*8.5	*13.0	85	9	6	10.0	14.0	60	10	4	7.0	*12.0	56	9	2	*7.0	*11.0	44	10	3	*6.0	*10.0	27	2	2	2.0	3.5
23	156	6	5	*11.0	*15.5	129	8	4	9.5	14.5	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	27	2	2	2.0	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

MONTH-HOUR VALUES OF RADIO NOISE

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

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	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	21	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			116	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		

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 Pretoria, S. Africa Lat. 25.8 S Long. 28.3 E Month April 1964

Hour (LST)	Frequency (Mc)																																	
	.013					.051					.160					.495					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
00	159	9	6			131	19	7			*108					96	16	10			64	12	6			53	7	12			34	20	4			22	6	2		
01	159	10	6			131	18	6			*115					96	13	15			65	12	8			49	10	12			*38					21	4	1		
02	159	7	8			129	14	4			*107					94	11	6			63	13	7			49	9	14			*36					20	4	0		
03	157	6	6			129	15	6			*109					94	10	8			65	10	8			50	7	15			*32					20	4	0		
04	159	4	7			131	10	8			*109					94	6	10			64	8	10			51	5	16			32	4	4			20	4	0		
05	159	5	8			131	7	10			*107					88	11	9			63	8	11			51	2	21			*32					20	4	0		
06	157	5	7			125	12	10			*93					66	24	6			60	10	17			47	7	17			*35					22	2	2		
07	155	6	9			124	13	14			*97					63	29	3			50	12	10			41	10	13			*37					22	3	0		
08	*155					*123					*95					*66					44	14	4			*39					*32					24				
09	155	8	8			122	17	19			*86					66	19	6			*44					*36					*34					22	3	2		
10	156	6	9			122	15	16			*99					70	16	10			43	9	3			35	10	8			*29					22	5	3		
11	156	5	11			125	10	18			*95					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					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					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			48	32	8			45	19	15			40	8	2			28	4	7		
17	161	8	7			133	17	22			*115					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					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					99	13	12			68	10	8			52	9	10			*35					22	3	2		
22	161	9	6			131	18	7			111					98	13	12			66	12	6			51	10	16			37	9	6			22	4	2		
23	159	9	4			131	16	7			111					98	14	10			64	16	6			54	4	18			*38					22	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

MONTH-HOUR VALUES OF RADIO NOISE

Station Pretoria, S. Africa Lat. 25.8 S Long. 28.3 E Month May 1964

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.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_{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_{om}*	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}	F_{om}*	D_u	D_ℓ	V_{dm}	L_{dm}
00	155					124					100					87					60					60					32					23				
01	155					124					99					87					59					60					31					22				
02	155					126					100					85					59					58					34					22				
03	155					124					98					87					57					58					30					21				
04	155					122					99					85					57					58					34					21				
05	155					122					98					85					55					60					32					21				
06	153					116					86					61					55					56					37					23				
07	153					109					84					59					42					44					36					22				
08	151					104					82					61					39					40					32					24				
09	149					104					84					60					39					42					28					23				
10	151					106					82					61					43					42					28					23				
11	151					108					82					61					43					38					28					23				
12	153					111					80					61					43					38					28					23				
13	154					114					82					61					43					38					28					23				
14	157					116					82					60					43					42					30					26				
15	157					116					80					60					43					40					34					27				
16	157					118					82					60					43					44					38					26				
17	157					116					82					65					45					52					42					27				
18	155					116					92					80					52					56					44					23				
19	157					123					98					87					59					58					40					23				
20	157					124					102					89					59					60					34					23				
21	155					125					104					90					61					60					34					23				
22	156					126					103					89					62					60					38					23				
23	156					124					104					87					59					58					34					23				

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 Rabat, Morocco Lat. 33.9 N Long. 6.8 W Month March 19 64

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
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					*50					*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_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 Rabat, Morocco Lat. 33.9 N Long. 6.8 W Month April 19 64

Frequency (Mc)

Hour (LST)	.013 Fam	Du	Dℓ	Vdm	Ldm	.051 Fam	Du	Dℓ	Vdm	Ldm	.160 Fam	Du	Dℓ	Vdm	Ldm	.495 Fam	Du	Dℓ	Vdm	Ldm
00	149	2	2			123	5	3			106	6	4			81	8	6		
01	149	4	2			122	6	2			104	8	2			81	8	4		
02	149	4	2			122	4	2			106	6	6			81	6	6		
03	149	3	9			122	4	6			106	4	4			81	6	6		
04	149	2	2			122	4	2			107	5	7			81	8	8		
05	149	4	2			120	6	2			100	12	10			77	9	13		
06	149	4	2			118	8	6			92	8	6			60	11	6		
07	147	2	2			114	6	6			96	8	8			55	17	2		
08	147	2	4			108	8	6			94	10	6			59	18	4		
09	145	4	2			106	9	4			94	6	5			*61				
10	*145					100	8	6			94	9	7			57	10	4		
11	146	3	3			112	9	6			98	6	12			55	22	2		
12	147	4	2			112	6	2			93	7	10			59	13	4		
13	147	4	2			114	8	4			94	10	8			59	24	6		
14	149	4	6			116	10	6			96	10	14			56	34	3		
15	149	4	10			118	13	8			94	16	9			57	33	2		
16	149	6	4			117	17	7			94	16	12			61	27	6		
17	149	6	2			116	17	8			94	14	10			60	32	7		
18	149	4	2			115	9	13			94	12	8			72	13	16		
19	148	3	3			118	6	6			101	7	5			81	4	6		
20	147	4	2			122	4	4			104	4	4			83	6	4		
21	149	4	6			122	4	6			108	4	10			84	7	5		
22	148	3	1			122	6	4			106	4	6			85	2	6		
23	149	4	2			122	4	2			104	4	6			83	6	2		

Hour (LST)	2.5 Fam	Du	Dℓ	Vdm	Ldm	5 Fam	Du	Dℓ	Vdm	Ldm	10 Fam	Du	Dℓ	Vdm	Ldm	20 Fam	Du	Dℓ	Vdm	Ldm
00	58	4	6			53	4	4			30	5	6			41	7	5		
01	56	6	6			55	4	4			30	4	8			41	9	7		
02	56	6	4			54	5	5			27	11	5			41	6	8		
03	56	5	6			53	6	4			26	6	6			42	4	8		
04	54	10	4			53	4	6			20	10	8			42	8	5		
05	54	6	6			51	2	6			24	14	4			42	6	5		
06	52	6	6			47	6	6			28	6	5			42	5	7		
07	42	10	4			39	12	8			28	12	10			42	6	7		
08	40	16	4			31	6	8			26	12	8			40	6	6		
09	36	6	2			27	8	5			24	12	8			*40				
10	36	6	2			*26					22	9	2			40	10	7		
11	36	8	2			22	15	1			20	10	2			38	12	6		
12	42	5	4			24	14	3			21	12	5			38	13	6		
13	40	8	4			26	10	5			20	6	8			38	16	4		
14	40	10	4			29	13	6			29	8	11			40	11	8		
15	42	10	5			31	12	8			32	8	10			40	8	6		
16	46	12	10			31	12	6			34	6	10			40	6	6		
17	47	11	5			38	11	5			37	5	9			40	8	6		
18	52	10	8			46	5	9			38	10	10			40	7	6		
19	55	13	5			49	6	6			36	12	9			40	14	4		
20	58	6	6			49	8	6			32	10	6			40	6	8		
21	56	8	4			51	6	8			34	12	6			42	4	8		
22	56	10	4			51	6	6			31	7	5			42	4	8		
23	56	6	2			51	4	4			30	8	6			42	4	10		

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 Rabat, Morocco Lat. 33.9 N Long. 6.8 W Month March 19 64

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	F_{om}	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_{om}	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_{om}*	D_u	D_ℓ	V_{dm}	L_{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					*50					*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			*53					*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 obave ktb
D_u = ratio of upper decile to median in db
D_ℓ = rotio of median to lower decile in db
V_{dm} = median deviation of average voltage in db below meon pawer
L_{dm} = median deviation of average lagarithm in db below meon power

MONTH-HOUR VALUES OF RADIO NOISE

Station Rabat, Morocco Lat. 33.9 N Long. 6.8 W Month April 1964

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495					2.5					5					10					20				
	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm
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_{om} = medion value of effective antenno noise in db obove ktb
D_u = ratio of upper decile to medion in db
D_ℓ = rotio of medion to lower decile in db
V_{dm} = medion deviotion of overage voltoge in db below meon power
L_{dm} = medion deviotion of overoge logorithm in db below meon power

MONTH-HOUR VALUES OF RADIO NOISE

Station Rabat, Morocco Lat. 33.9 N Long. 6.8 W Month May 19 64

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495				
	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}
00	150	2	4			126	4	8			107	4	9			83	3	4		
01	150	2	4			125	3	6			107	4	8			81	6	4		
02	150	2	3			126	4	6			107	4	6			81	5	4		
03	150	2	4			124	6	4			107	5	5			81	4	2		
04	150	2	4			124	6	4			102	5	7			79	4	4		
05	148	4	2			122	4	2			95	6	8			65	12	8		
06	148	4	2			117	3	5			86	9	8			59	9	5		
07	146	4	4			112	8	8			85	4	7			56	4	1		
08	146	4	4			108	8	6			89	4	14			59	8	4		
09	146	4	4			110	9	8			89	4	8			59	9	4		
10	147	3	4			112	8	6			93	2	12			59	6	6		
11	147	3	3			115	7	5			91	6	7			59	14	6		
12	148	3	4			118	8	7			93	15	11			64	21	10		
13	150	4	5			124	5	11			99	12	16			69	24	6		
14	152	2	4			126	7	10			103	11	16			83	12	26		
15	152	5	4			128	6	12			111	6	24			91	6	34		
16	154	2	6			130	6	11			109	10	21			91	11	29		
17	154	2	6			130	9	12			111	11	21			87	15	28		
18	152	4	6			126	13	11			107	13	22			77	20	19		
19	150	2	6			124	9	7			98	14	10			79	16	6		
20	148	6	4			126	7	7			103	14	4			83	10	5		
21	150	2	6			126	6	7			109	7	5			84	7	16		
22	150	2	6			126	5	9			107	5	6			85	2	7		
23	150	2	4			126	4	9			107	6	9			83	4	4		

Hour (LST)	2.5					5					10					20				
	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}
00	59	4	4			55	6	6			34	12	6			30	8	3		
01	57	8	2			55	6	4			32	13	6			28	9	2		
02	57	4	4			57	2	6			30	9	6			30	7	3		
03	57	6	2			53	4	6			28	7	5			28	9	2		
04	57	4	6			47	6	4			26	8	4			29	7	3		
05	54	6	4			47	3	4			28	10	6			28	8	1		
06	49	6	6			41	7	4			35	10	12			30	9	3		
07	47	11	7			33	4	6			34	7	12			30	7	3		
08	43	8	6			27	8	4			32	8	10			29	16	1		
09	37	6	4			25	4	6			28	8	8			28	10	3		
10	37	5	4			23	11	2			26	8	10			28	6	5		
11	35	7	2			23	4	4			24	7	6			26	12	3		
12	37	8	4			23	7	4			24	9	6			26	10	2		
13	39	6	6			27	8	6			28	6	6			28	12	3		
14	41	7	8			31	8	8			30	5	6			30	12	3		
15	50	8	10			37	7	12			32	6	7			30	10	4		
16	47	12	9			40	9	15			34	8	5			32	7	4		
17	55	12	13			45	10	15			38	4	5			30	5	2		
18	55	12	7			47	8	9			40	8	4			32	6	3		
19	59	6	8			49	6	7			42	8	7			32	9	5		
20	61	6	5			49	6	6			42	9	10			32	5	8		
21	61	4	6			49	4	6			42	8	12			28	9	2		
22	59	8	4			49	6	4			38	9	9			28	9	2		
23	57	7	2			49	6	5			32	14	4			29	8	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

MONTH-HOUR VALUES OF RADIO NOISE

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

Frequency (Mc)

Hour (LST)	.051					.113					.246					.545					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	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			86	4	6			40	4	6			51	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		

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 São José, Brazil Lat. 23.3 S Long. 45.8 W Month February 19 64

Hour (LST)	Frequency (Mc)																																					
	.051					.113					.246					.545					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
00	134	6	8	8.5	12.5	122	6	9	8.5	14.0	109	6	13	8.0	15.0	92	6	12	5.0	8.0	64	6	7	5.5	9.0	59	11	9	5.0	8.0	44	4	5	4.5	7.0	25	10	2	2.5	4.0
01	134	6	8	10.5	17.0	120	7	10	9.0	15.0	109	5	14	9.0	15.0	90	7	12	5.0	8.0	64	5	6	5.5	8.0	57	13	7	5.5	8.5	42	6	5	5.0	9.0	27	6	4	2.0	3.5
02	136	2	10	10.0	18.5	120	5	8	11.0	16.0	105	8	12	9.0	14.5	90	7	12	6.5	10.5	64	6	6	7.5	14.0	61	11	10	5.5	8.0	42	5	6	6.0	9.5	27	4	4	2.0	3.5
03	134	4	10	10.0	18.0	120	4	12	9.0	16.0	107	5	15	9.0	18.0	90	6	16	6.0	13.5	64	6	7	5.0	9.5	59	13	8	5.5	8.0	42	4	8	5.0	8.0	25	6	2	2.0	2.5
04	134	6	11	6.0	19.0	117	5	10	10.5	15.5	103	8	12	8.5	15.0	90	4	14	6.5	10.5	64	6	9	7.0	14.0	63	14	7	6.0	10.5	38	6	6	4.0	7.5	25	6	2	1.0	2.5
05	132	6	14	10.5	16.0	114	6	15	9.5	15.5	93	10	7	10.0	14.5	89	3	11	6.0	8.5	64	5	13	7.0	10.5	63	13	12	7.0	12.0	36	6	6	5.0	5.5	25	6	2	1.5	4.0
06	124	6	12	13.0	19.0	102	6	12	11.5	15.0	82	13	12	10.0	19.5	86	6	10	5.0	10.0	52	4	13	11.0	16.0	71	5	21	7.5	14.0	40	6	6	6.0	7.5	27	6	4	2.0	3.0
07	122	8	14	13.0	19.5	102	12	11	16.5	15.5	83	16	10	11.0	15.0	86	6	10	7.0	12.0	42	12	9	6.0	9.0	62	7	27	7.0	11.5	36	8	4	5.5	8.5	28	6	3	3.0	4.0
08	120	9	11	11.0	14.0	100	17	4	14.0	12.0	83			13.0	18.0	84	8	12	1.0	5.0	36	10	3	5.0	9.0	53	6	9			36	8	6	6.0	8.5	27	8	2	2.0	4.0
09	120	11	7	9.0	14.0	104	9	12	10.0	9.5	81	18	5	9.5	15.0	88	5	11	6.0	9.0	35	7	7	5.5	8.0	49	7	8			34	4	6	7.0	10.0	25	9	2	4.0	5.0
10	122	6	8	8.5	10.0	102	10	12	6.0	8.0	83	16	10	10.5	16.0	88	4	12	3.0	6.5	32	10	4	3.0	4.0	42	7	8	7.0	11.5	32	7	7	9.5	13.0	25	10	2	3.0	4.0
11	126	6	8	9.0	14.0	106	16	8	15.0	17.0	85	20	8	11.5	15.5	88	8	10	5.0	10.0	34	16	5	6.5	9.5	41	4	4	7.5	13.0	34	4	6	8.5	13.5	27	4	4	4.0	7.0
12	130	6	8	13.0	20.5	110	16	10	12.5	17.0	91	26	10	10.0	17.5	88	12	8	5.5	9.5	37	29	7	6.0	7.5	43	12	12	8.0	12.0	36	14	4	8.5	13.5	27	5	6	4.5	6.5
13	133	13	7	9.5	11.5	118	17	9	9.0	14.0	100	28	14	11.5	19.5	90	22	8	12.0	12.0	42	34	11	12.5	17.0	47	13	8	7.0	10.0	40	12	3	11.0	16.0	29	12	4	6.0	7.5
14	139	12	8	9.0	14.0	118	18	6	11.0	16.0	100	27	11	11.0	17.0	90	22	10	8.0	14.0	52	26	17	11.0	17.5	49	14	7	7.0	10.0	42	10	4	8.0	12.5	31	10	6	4.5	5.5
15	136	14	4	9.0	15.0	122	18	10	11.5	15.5	103	26	14	9.0	17.5	92	21	13	9.5	15.5	48	28	12	8.0	13.0	51	12	5	6.0	9.0	46	10	6	6.0	10.0	31	12	4	5.0	7.0
16	138	14	6	11.0	18.0	123	17	11	10.5	17.0	107	20	18	10.0	14.5	90	16	8	11.0	17.0	58	25	21	9.0	15.5	59	10	9	7.0	10.0	46	10	4	6.0	8.0	35	4	6	6.0	8.0
17	136	13	6	9.0	14.5	121	11	9	10.0	13.5	103	20	14	8.5	14.5	90	16	9	6.0	10.5	61	16	20	8.5	15.0	63	6	8	6.5	10.0	46	4	4	7.0	9.0	31	10	2	6.0	9.0
18	136	13	6	8.0	13.0	120	12	10	8.5	13.0	105	16	14	6.5	14.0	90	10	9	5.5	10.0	65	6	8	6.5	11.5	67	6	5	5.5	7.5	48	4	4	5.0	8.0	31	6	4	5.0	7.0
19	138	8	9	7.5	10.5	122	9	9	7.0	12.0	109	13	9	5.5	11.5	96	6	14	5.0	7.0	70	6	5	7.5	11.0	73	4	13	5.5	8.0	46	6	2	6.0	10.0	30	7	5	4.0	6.5
20	135	9	7	9.0	15.5	122	9	10	7.0	13.0	109	6	8	4.5	11.0	94	6	14	5.5	9.0	68	7	4	7.0	11.5	71	5	6	6.5	11.0	48	3	6	4.0	6.0	29	5	6	3.0	6.0
21	136	7	8	9.0	15.0	122	7	8	6.5	11.5	109	8	8	7.5	13.0	96	3	10	4.0	7.5	68	6	4	5.5	8.5	73	2	8	6.0	10.0	45	4	5	5.0	8.0	29	2	6	3.5	4.0
22	136	6	10	9.0	14.5	122	7	14	9.0	16.0	109	7	9	6.5	13.0	94	4	10	5.0	9.5	66	6	6	8.5	13.5	71	6	6	6.0	10.0	44	4	6	5.5	9.0	25	8	4	3.0	4.5
23	134	6	9	9.0	15.0	120	8	10	8.0	14.0	109	6	10	8.5	16.0	94	2	13	5.5	9.0	64	8	5	6.5	10.0	73	5	14	6.5	12.0	43	5	7	5.0	8.0	25	13	4	3.0	3.0

F_{am} = median value of effective antenna noise in db abave 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 Saõ José, Brazil Lat. 23.3 S Long. 45.8 W Month March 1964

Frequency (Mc)

Hour (LST)	.051 F_{am}	.051 D_u	.051 D_ℓ	.051 V_{dm}	.051 L_{dm}	.113 F_{am}	.113 D_u	.113 D_ℓ	.113 V_{dm}	.113 L_{dm}	.246 F_{am}	.246 D_u	.246 D_ℓ	.246 V_{dm}	.246 L_{dm}	.545 F_{am}	.545 D_u	.545 D_ℓ	.545 V_{dm}	.545 L_{dm}
00	142	5	5	8.5	14.5	120	6	7	8.0	13.0	105	6	6	7.5	12.5	90	4	4	5.0	8.5
01	142	6	6	9.0	16.0	118	7	8	8.5	15.5	105	6	9	5.0	11.5	90	4	4	5.0	7.0
02	142	4	9	10.0	15.5	120	5	8	9.0	13.0	103	6	8	5.5	11.5	88	6	4	2.5	9.0
03	142	5	11	10.0	16.0	118	6	11	6.0	11.5	101	7	10	5.5	12.0	89	3	7	4.0	9.0
04	132	8	7	*8.0	*15.0	116	8	13	5.0	11.0	101	4	14	6.0	12.5	86	5	6	4.5	10.0
05	132	9	10	9.0	15.5	115	8	14	6.0	12.0	96	8	11	*5.5	*11.0	88	4	8	4.0	9.0
06	128	6	12	9.5	15.0	98	16	5	4.0	11.0	77	6	6	8.0	13.0	85	7	9	*4.0	*11.0
07	124	8	8	9.5	14.0	96	10	8	2.5	6.0	75	8	4	*5.5	*10.0	84	4	12	*5.5	*7.5
08	124	8	9	*8.5	*11.5	98	10	6	*3.0	*3.5	77	5	8	*8.0	*10.0	84	7	11	*3.0	*5.0
09	123	7	21	*9.5	*13.0	102	10	14	*7.0	*10.0	77	11	9	*7.5	*12.5	86	6	11	*5.5	*10.0
10	124	6	12	*7.0	*7.0	101	7	9	*3.0	*4.0	76	5	5	*8.0	*12.0	84	6	6	*8.5	*15.0
11	123	7	5	10.0	13.0	102	7	8	4.0	6.5	77	7	6	*11.0	*15.0	84	5	9	*6.5	*12.0
12	126	7	8	11.5	15.0	104	12	6	4.0	6.0	79	18	5	*9.0	*13.0	84	8	12	*6.0	*10.0
13	130	8	5	11.5	15.0	108	12	7	*4.5	*7.5	84	20	13	*10.5	*11.0	84	8	4	*7.0	*14.5
14	134	11	4	*8.0	*13.0	113	12	10	*6.5	*7.5	87	21	12	*6.5	*15.0	84	12	4	*5.0	*10.5
15	134	10	6	8.5	11.5	114	20	14	*6.5	*9.5	87	32	12	*13.0	*19.5	84	16	6	*4.5	*10.5
16	134	10	6	9.0	13.0	114	11	12	*7.0	*10.0	89	22	14	*10.5	*16.5	86	14	4	*8.0	*15.0
17	134	8	8	9.0	14.0	114	8	13	8.0	13.0	91	24	16	*8.0	*13.0	84	16	4	*8.5	*11.5
18	134	6	8	10.0	14.5	116	8	15	9.0	14.0	99	8	10	9.5	16.0	88	8	8	6.0	9.5
19	135	7	7	9.0	13.0	118	7	8	8.0	13.0	101	8	6	8.0	12.5	90	5	8	5.5	10.0
20	136	6	6	9.0	15.0	120	9	7	7.5	13.0	105	7	9	7.5	13.0	92	5	8	*5.0	*10.0
21	135	5	6	8.5	12.5	122	4	10	7.0	11.5	107	2	6	6.0	10.5	92	3	7	4.5	7.5
22	136	4	9	8.0	15.0	122	4	11	7.0	13.0	107	4	9	6.0	11.0	92	3	7	4.0	6.5
23	136	4	9	10.0	16.0	120	6	6	7.0	13.0	105	5	5	7.0	12.0	90	5	6	*4.0	*7.0

Hour (LST)	2.5 F_{am}	2.5 D_u	2.5 D_ℓ	2.5 V_{dm}	2.5 L_{dm}	5 F_{am}	5 D_u	5 D_ℓ	5 V_{dm}	5 L_{dm}	10 F_{am}	10 D_u	10 D_ℓ	10 V_{dm}	10 L_{dm}	20 F_{am}	20 D_u	20 D_ℓ	20 V_{dm}	20 L_{dm}
00	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	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	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	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	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	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	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	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	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	33	4	6	*6.0	*7.5	47	6	17	*3.5	*7.5	*26			*6.0	*9.0	*25			*1.5	*2.0
10	33	4	5	*6.0	*7.5	39	6	4			28	10	12	*7.0	*9.0	25	2	4	*1.5	*3.5
11	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	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	35	13	6	*10.5	*13.5	41	6	9	*6.0	*9.0	36	6	12	*6.0	*10.0	29	3	5	*4.0	*5.0
14	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	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	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	47	19	11	*7.5	*13.0	59	7	8	6.0	10.0	43	7	9	*6.0	*10.0	31	13	2	*7.0	*8.5
18	61	6	12	*5.0	*9.0	67	7	8	*6.0	*10.0	42	9	9	*8.0	*12.0	29	9	2	4.5	6.5
19	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	67	4	12	6.0	9.0	71	6	8	*4.5	*9.0	42	8	13	*4.5	*7.0	26	9	3	*3.5	*4.0
21	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	65	5	12	6.0	10.0	71	6	11	*4.0	*6.0	38	7	7	7.0	9.0	25	17	2	*2.0	*2.5
23	64	6	9	5.5	10.0	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 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-13

MONTH-HOUR VALUES OF RADIO NOISE

Station São José, Brazil Lat. 23.3 S Long. 45.8 W Month April 1964

Frequency (Mc)

Hour (LST)	.051					.113					.246					.545					2.5					5					10					20				
	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
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			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			81	4	8	*6.0	*10.0	34	4	2	5.0	7.0	49	4	17			32	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			38	10	6	6.0	9.0	28	9	8	4.0	6.0
15	128	9	7	*8.0	*13.5	107	28	13	*10.0	*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			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	*6.5	*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	10.0	15.0	87	6	4	6.0	10.5	64	6	15	4.0	7.0	64	7	13	5.0	9.5	44	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	60	7	9	4.5	8.5	67	10	10			42	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_{am} = median value of effective antenno 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 São José, Brazil Lat. 23.3 S Long. 45.8 W Month May 19 64

Frequency (Mc)

Hour (LST)	.051					.113					.246					.545					2.5					5					10					20				
	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm
00	129	13	5	11.0	17.5	113	12	6	9.0	12.5	99	12	8	9.0	13.0	89	7	3	*7.0	*10.5	61	7	8	*7.0	*9.0	74	8	12	6.0	8.0	43	8	11	2.5	4.5	25	8	2	1.0	2.5
01	129	13	5	12.5	17.0	113	14	8	*10.5	*14.5	99	12	6	9.5	13.5	87	9	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	113	14	8	*8.0	*12.5	98	14	6	11.0	16.0	87	10	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	111	15	7	13.0	*18.5	98	11	9	*11.0	*16.0	85	10	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	109	14	6	9.5	15.0	94	12	6	*11.5	*19.0	85	10	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	107	14	8	*10.5	*16.5	92	14	7	*13.0	*16.5	91	7	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	101	20	8	*11.0	*15.0	84	15	7	*8.5	*10.0	93	2	8	*5.0	*10.0	56	8	2	*9.0	*11.5	54	20	10	8.0	8.0	35	6	4	6.0	7.5	25	2	2	6.5	7.5
07	117	17	7	11.0	18.0	97	14	7	7.5	*11.0	79	15	4	*8.5	*9.5	91	4	19	*6.5	*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	100	17	7	*7.0	*10.0	79	12	2	*8.0	*10.0	94	3	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	99	16	8	*10.0	*14.0	81	14	4	*10.5	*15.0	91	6	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	97	16	7	9.5	*16.0	83	14	6	*9.0	*11.5	93	7	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	97	16	9	*9.0	*12.0	81	11	7	*10.5	*15.0	91	6	5	*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	98	18	9	8.5	12.5	81	13	7	*7.5	*12.0	91	5	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	101	14	8	9.5	11.5	81	14	4	*7.0	*10.5	91	5	10	7.0	8.5	38	15	4	*3.5	*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	101	12	9	*10.0	*14.0	79	18	2	*9.0	*14.0	91	8	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	101	18	8	*11.0	*12.5	81	20	4	*9.5	*14.0	93	4	8	*5.5	*12.5	42	10	8	*1.0	*1.5	56	8	16			41	6	6	4.0	6.0	29	6	4	2.5	4.5
16	125	14	13	10.5	13.0	99	18	7	*7.0	*9.5	83	11	6	9.0	13.0	91	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	101	16	6	7.0	8.0	86	14	6	9.0	13.0	89	5	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	113	8	14	8.0	11.0	97	11	11	8.5	13.0	91	5	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	115	6	14	8.5	13.0	99	11	8	7.0	10.0	91	5	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	113	10	9	8.0	12.0	102	9	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	115	9	11	8.5	12.5	100	10	8	7.0	11.0	91	5	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	113	9	8	9.0	13.5	99	10	6	8.0	12.5	91	4	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	115	7	11	9.0	14.0	99	10	7	8.0	14.0	91	6	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

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 Warrensburg, Mo. Lat. 38.7 N Long. 93.8 W Month March 1964

Hour (LST)	Frequency (Mc)																																					
	.013										.160					.495																							
	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{om}	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_{om}	D_u	D_ℓ	V_{dm}	L_{dm}
00	151	18	4								105	19	8			90	15	10																					
01	151	17	4								107	17	11			88	17	8																					
02	151	16	4								102	20	8			88	14	9																					
03	153	11	5								103	17	8			88	14	10																					
04	151	12	2								103	17	12			88	15	13																					
05	151	11	2								99	19	11			78	19	8																					
06	151	7	4								91	20	6			72	22	2																					
07	149	9	5								91	26	6			*72																							
08	147	11	4								*87					*71																							
09	150	9	6								97	27	7			*72																							
10	149	10	6								91	32	6			*73																							
11	151	10	8								91	26	6			*72																							
12	151	4	6								93	24	8			72	28	2																					
13	151	10	6								93	25	8			*74																							
14	151	14	6								92	24	7			74	26	4																					
15	151	13	6								93	21	8			74	20	4																					
16	151	11	7								91	23	6			*73																							
17	149	11	6								94	21	9			78	16	8																					
18	149	9	4								105	15	16			88	12	16																					
19	151	8	5								105	15	15			88	15	13																					
20	153	8	7								105	22	12			90	18	10																					
21	151	17	5								104	21	9			90	17	8																					
22	151	17	5								105	20	9			90	18	10																					
23	151	19	5								103	21	6			90	15	9																					

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

Hour (LST)	Frequency (Mc) .013										.160					.495																								
	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}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}
00	*164										*119					*102																								
01	*165										*124					*106																								
02	*167										*125					*108																								
03	*167										*126					*106																								
04	*166										*123					*102																								
05	*163										*120					*96																								
06	*162										*115					*94																								
07	*163										*115					*90																								
08	*165										*115					*86																								
09	159	14	10								115	10	30			82	32	10																						
10	159	12	10								113	14	28			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_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

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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_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}	F_{am}	D_u	D_ℓ	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_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

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SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

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

	TIME BLOCKS (LST)																										
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	150	5	9	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	11.0	16.0	150	4	11	12.0	17.0
.051	129	6	10	11.0	16.0	127	6	10	14.0	19.0	119	10	8	12.0	12.0	121	8	5	9.0	13.5	121	10	4	10.0	14.0	125	8	8	10.0	14.5
.160	111	7	8	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	6	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	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	9	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	8	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	4	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	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	158	6	8	11.0	18.0	154	8	6	11.5	18.5	156	6	12	11.5	18.0	158	8	12	10.5	16.5	158	10	12	10.0	16.5	158	8	10	11.0	17.5
.051	136	6	6	4.0	8.0	130	6	6	4.0	8.0	126	8	10	4.5	9.0	128	12	6	5.0	9.0	132	12	12	5.0	9.5	136	8	6	4.0	8.0
.160	110	10	16	7.5	15.0	92	20	20	9.0	16.0	92	20	26	8.0	14.0	96	26	26	8.5	15.0	106	18	24	7.5	13.5	112	12	18	7.0	14.0
.495	90	10	12	6.5	12.5	90	20	8	5.0	8.5	56	24	6	3.5	6.5	59	41	7	5.0	9.0	78	22	20	5.0	9.5	92	12	12	5.5	11.0
2.5	65	10	12	4.5	8.5	48	17	19	5.0	8.0	23	10	4	2.5	4.0	23	29	4	3.0	5.0	51	18	22	3.5	7.0	65	12	14	4.0	7.5
5	56	8	6	4.0	7.5	48	10	12	4.0	7.5	30	12	6	3.0	5.5	32	20	8	3.5	6.5	54	12	12	3.5	6.5	58	10	8	4.0	8.0
10	33	12	2	2.0	3.5	37	6	4	3.0	5.5	33	8	4	3.0	6.0	39	6	8	3.0	6.0	49	6	8	3.0	5.5	39	16	8	2.0	4.0
20	25	2	2	1.5	2.5	25	2	2	1.0	2.5	25	2	2	1.0	3.0	25	6	2	1.5	3.0	25	4	2	1.5	3.0	25	2	2	1.0	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 Boulder, Colorado Lat. 40.1 N Long. 105.1 W Season Spring (Mar Apr May) 19 64

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	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			125	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

	TIME BLOCKS (LST)																										
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	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
.051	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
.160	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	16	9.5	17.0	107	6	6	8.0	14.0
.495	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 Eltanin Lat. 60 - 70 S Long. 82.5-97.5 W Season Autumn (*** *** May) 19 64

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	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	4.0	7.0	54	4	8	6.5	12.0	40	16	14	9.5	14.0	40	9	16	7.0	9.0	50	6	8	5.5	8.5	56	4	4	5.0	8.0
5	53	5	2	4.0	7.5	52	2	4	5.5	9.0	40	14	6	5.0	7.5	36	10	4	4.0	6.0	54	6	10	2.5	5.0	54	10	2	3.0	5.5
10	36	4	2	2.0	3.5	34	4	0	1.0	2.5	36	2	3	1.5	3.5	36	4	4	2.0	3.5	38	4	4	2.0	4.0	36	5	2	2.0	3.0
20	29	0	2	1.0	2.0	29	0	2	1.0	2.5	27	6	0	1.5	3.0	27	7	0	1.0	2.5	29	0	2	1.0	2.5	29	1	2	1.0	2.0

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 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

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	6	2	13.0	20.0	152	4	6	13.5	20.0	152	4	8	12.0	18.0	156	2	6	9.0	14.0	154	4	14	9.0	14.5	154	4	6	11.5	18.0
.051	124	8	6	9.5	15.0	118	8	11	10.0	15.0	112	6	8	11.5	18.0	114	8	10	9.0	14.5	115	6	11	7.0	12.0	124	8	12	9.5	15.0
.160	100	12	10	8.0	13.0	90	9	20	9.5	16.0	74	8	9	8.5	13.0	81	12	14	16.5	26.0	89	9	21	8.0	11.0	103	7	16	7.5	12.5
.495	83	14	8	5.0	12.5	63	20	18	5.5	9.0	49	26	4	4.5	8.0	70	22	22	4.0	7.0	75	15	21	6.0	11.0	87	8	8	7.0	13.0
2.5	57	10	10			47	12	12			33	4	8			37	10	12			47	12	8			58	9	8		
5	56	6	10			56	8	13			34	19	8			32	24	4			46	9	5			56	6	6		
10	38	6	8			36	8	6			30	6	4			30	6	2			38	4	6			36	5	7		
20	30	2	0			30	12	2			30	3	2			30	8	2			30	4	2			30	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

*** No May data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

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

	TIME BLOCKS (LST)																										
	0000 – 0400					0400 – 0800					0800 – 1200					1200 – 1600					1600 – 2000					2000 – 2400				
Frequency (Mc)	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	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

	TIME BLOCKS (LST)																									
	0000 – 0400					0400 – 0800					0800 – 1200					1200 – 1600					1600 – 2000					2000 – 2400				
Frequency (Mc)	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	8	10	11.0	17.5	154	6	12	10.5	17.0	148	5	27	2.5	5.0	150	6	8	9.5	15.0	150	6	8	8.5	13.5	152	6	6	9.5	15.0
* .051	122	10	6	8.0	13.0	123	10	9	9.0	13.0	107	15	4	10.0	15.0	108	8	6	8.5	13.0	114	8	8	7.0	11.5	118	4	9	7.5	13.0
* .160	92	10	8	6.0	12.0	88	16	16	6.5	11.0	74	10	6			74	16	10	10.0	13.0	82	10	12	5.5	8.0	88	11	7	6.0	11.0
* .495	79	11	25	5.5	12.0	75	14	9			54	11	7	4.0	7.0	59	24	12	7.0	15.0	59	12	10	5.0	8.0	75	13	17	6.0	11.0
** 2.5	54	14	3	4.5	8.0	56	13	15	5.0	9.5	38	23	4	5.0	10.0	34	4	4	8.5	13.0	50	9	11	4.0	8.0	56	8	3	4.5	9.0
** 5	57	6	7	3.5	6.5	55	7	6	4.0	7.5	35	12	4	8.0	13.0	31	6	2	7.5	12.0	48	7	7	3.0	5.0	58	5	7	3.0	5.5
** 10	33	4	2	1.5	3.0	35	6	4	2.0	3.5	33	4	4	3.0	5.5	31	4	4	2.0	4.0	37	4	4	11.5	5.0	37	3	4	2.5	4.0
** 20	30	2	3	2.0	4.0	28	4	0	1.5	3.0	30	5	2	2.0	3.5	30	6	2	2.0	3.0	29	4	3	3.5	6.0	28	6	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

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

RN-14

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

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

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	150	6	6	11.5	18.0	151	3	5	12.0	19.0	148	4	2	12.0	19.0	150	2	4	11.0	17.5	150	4	4	10.0	15.5	150	4	4	10.5	16.5
.051	121	7	7	7.0	10.5	118	4	8	10.0	15.5	109	5	9	12.0	19.0	108	8	10	11.0	18.5	111	11	5	9.5	16.0	118	9	6	6.5	10.5
.160	95	12	8	7.0	12.0	83	10	8	11.0	18.0	75	11	7	13.5	18.0	77	12	10	12.5	20.5	85	11	13	7.5	14.0	94	15	6	6.0	11.0
.495	78	8	4	7.0	13.5	62	14	8	8.0	13.5	62			9.0	15.0	62	12	16	7.0	13.0	74	12	11	7.0	12.0	82	10	6	6.0	11.0
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

	TIME BLOCKS (LST)																									
	0000 – 0400					0400 – 0800					0800 – 1200					1200 – 1600					1600 – 2000					2000 – 2400				
Frequency (Mc)	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	154	3	9	11.5	18.0	151	6	6	12.0	18.5	149	4	4	10.5	15.5	153	2	4	9.0	14.5	152	5	3	10.0	16.5	151	6	2	8.5	14.5
* .051	126	6	8	7.0	11.0	122	6	6	9.5	15.5	110	9	10	9.5	16.5	114	6	14	7.0	12.5	118	6	8	8.5	15.0	126	6	7	7.5	12.5
* .160	107	8	9	4.5	8.5	91	10	9	12.0	22.5	80	8	11	14.0	24.5	79	8	12	8.5	15.5	92	13	19	8.5	13.0	107	5	10	6.5	12.0
* .495	87	6	4	5.0	9.5	71	13	10	18.0	28.0	53	15	7	10.5	18.0	57	28	12	9.5	15.0	81	10	16	11.0	16.0	89	4	5	6.0	11.5
** 2.5	63	6	5	4.5	8.5	53	12	14	4.0	8.0	37	4	10	5.0	11.0	33	8	8	5.0	9.0	54	11	19	4.5	7.5	61	8	4	3.5	7.0
** 5	54	8	4	5.0	9.0	57	7	13	3.5	7.0	38	4	16	5.5	9.5	34	8	10	4.0	7.5	51	7	13	3.0	5.5	57	3	5	2.5	4.5
** 10	38	8	4	1.0	3.0	36	6	2	2.5	4.0	32	5	5	2.5	4.5	31	5	3	2.5	4.5	39	7	3	2.5	4.0	38	4	4	2.0	3.5
** 20	30	7	2	1.0	2.5	30	4	2	2.0	3.0	30	2	2	1.5	3.0	30	4	2	2.0	3.5	30	4	2	3.5	5.5	30	5	2	1.0	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 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

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}	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	3	4	10.5	16.5
.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	116	8	6	8.5	13.5
.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	94	4	12	6.0	10.0
.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	82	5	12	6.5	12.0
2.5	57	3	7			51	6	6			35	8	9			33	14	10			54	9	11			59	6	4		
5	55	4	8			60	5	4			38	25	5			38	8	2			52	6	4			58	3	2		
10	34	8	0			36	6	2			32	9	2			34	10	4			48	6	6			36	13	4		
20	30	1	2			30	0	2			30					32	0	2			30	2	0			30	7	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 May data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

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

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	156	4	25			158	2	19			150	4	12			144	8	5			152	4	11			158	0	6		
.051	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 Eltanin Lat. 40 - 50 S Long. 67.5 - 82.5 W Season Autumn (Mar Apr May) 1964

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	151	6	11			153	4	18			151	3	6			151	6	3			151	2	9			151	2	19		
.051	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		
2.5	58	12	6	5.0	9.5	55	8	17	4.5	7.5	36	10	8	3.0	6.0	35	8	9	5.5	9.0	54	12	16	4.0	7.5	59	7	8	5.0	8.5
5	54	4	4	4.0	7.0	58	6	9	5.5	10.5	36	13	11	5.5	10.0	32	11	10	6.0	9.0	50	8	12	5.0	9.0	58	4	6	4.0	7.0
10	38	4	2	4.5	6.5	38	3	4	3.0	4.5	30	13	4	3.0	5.5	34	8	8	4.0	6.5	42	16	6	3.0	6.0	38	8	3	2.5	5.0
20	30	0	2	1.0	2.5	30	0	2	1.5	2.5	28	4	0	2.0	3.0	28	3	2	1.5	3.0	28	20	2	1.5	3.0	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

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	153	4	24			153	6	30			153	3	4			155	10	4			155	8	14			153	7	25		
.051	130	7	21			118	14	16			110	12	8			115	21	14			116	20	13			126	12	17		
.160	108	6	20			91	17	19			76	19	8			82	21	13			92	17	18			107	11	18		
.495	88	6	17			71	14	19			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 Enkoping, Sweden Lat. 59.5 N Long. 17.3 E Season Spring (Mar Apr. May) 19 64

	TIME BLOCKS (LST)																										
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	149	4	2	10.5	16.0	147	4	4	11.5	17.5	143	8	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
.051	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
2.5	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
10	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
20	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

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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}
.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 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

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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

	TIME BLOCKS (LST)																										
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	2	9.5	15.0	152	4	2	11.0	17.5	150	2	4	12.0	18.0	148	4	4	13.0	20.0	148	2	2	12.5	20.0	150	4	4	9.5	15.5
.051	128	4	6	10.5	16.5	126	6	10	11.0	18.0	108	14	8	12.5	17.5	108	12	6	13.0	18.0	106	12	8	10.0	14.5	122	6	8	11.0	16.5
.160	104	8	6	11.0	18.5	98	12	22	11.0	17.5	76	22	8	13.0	20.0	74	20	8	10.5	17.0	78	18	10	10.0	17.5	100	8	10	12.0	19.0
.495	83	8	10	11.5	20.0	75	12	20	8.5	14.0	55	18	4	7.0	11.0	53	16	2	7.5	12.0	59	18	8	8.0	12.5	79	10	8	10.5	17.5
2.5	57	10	6	7.0	10.0	55	10	8	6.0	9.5	35	12	8	2.5	4.0	29	12	2	2.0	3.5	41	12	12	3.0	4.5	55	8	6	6.5	9.5
5	52	8	4	5.0	9.5	48	8	8	5.0	8.0	28	12	8	3.5	6.0	22	10	4	3.0	5.5	39	11	13	4.0	6.0	52	4	8	4.0	7.0
10	38	4	4	4.5	7.0	34	6	2	4.0	6.5	26	10	6	3.5	5.5	22	10	4	4.5	6.5	36	4	6	4.5	7.0	38	4	4	4.0	7.0
20	24	2	2	1.5	3.0	24	2	2	1.5	3.0	23	2	3	2.0	3.5	22	3	2	2.0	4.0	23	3	1	2.5	4.0	24	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 New Delhi, India Lat. 28.8 N Long. 77.3 E Season Spring (Mar Apr May) 19 64

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	156	4	4	8.0	11.0	154	4	2	8.5	11.5	152	4	6	8.0	11.5	156	6	6	8.0	11.0	156	8	4	7.0	10.0	156	8	2	7.0	9.5
.051	134	6	5	8.0	11.5	126	10	6	6.5	9.5	124	6	6	5.5	8.5	128	12	8	7.0	10.0	134	13	12	7.0	10.0	134	11	6	7.0	10.0
.160	115	8	10	8.0	12.5	103	14	12	8.5	13.0	97	7	7	9.0	14.0	105	18	14	8.0	11.5	113	15	14	7.0	10.5	117	10	10	7.0	10.5
.495	94	10	12	7.5	11.0	76	18	8	5.0	7.5	72	18	4	4.5	6.5	78	27	10	6.5	9.5	94	16	20	6.5	9.0	98	12	16	6.5	10.0
2.5	65	10	10	6.5	9.5	57	12	12	5.5	7.5	47	6	4	2.5	4.0	47	15	6	3.5	5.0	59	15	14	5.0	7.0	67	10	14	6.0	8.5
5 .	56	8	6	5.5	8.0	52	8	10	6.5	9.0	40	10	8	4.5	6.5	42	12	10	4.0	6.0	58	10	10	5.5	8.5	60	6	10	5.5	8.0
10	39	6	5	4.5	6.5	37	8	4	4.5	6.5	37	8	8	5.5	7.5	43	8	10	5.5	7.5	49	6	8	5.0	7.5	43	8	7	5.0	7.5
20	27	0	2	2.0	3.5	27	2	2	2.0	3.5	27	4	2	3.0	4.5	33	4	6	4.5	6.0	33	4	6	4.5	6.0	25	4	0	2.5	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 Ohira, Japan Lat. 35.6 N Long. 140.5 E Season Spring (Mar Apr May) 19 64

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	155	4	4	10.5	15.0	153	4	4	11.5	16.5	151	6	4	13.5	18.5	153	4	6	13.0	18.5	155	4	6	10.5	15.0	155	6	14	10.5	15.0
.051	130	6	4	11.0	16.0	124	8	14	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	128	6	4	11.0	15.0
.160	109	6	6	9.0	14.0	93	16	18	10.0	14.0	79	18	6	8.5	11.0	77	22	6	8.5	12.0	91	16	16	11.5	15.0	107	6	6	8.5	13.5
.495	86	10	8	8.5	13.0	64	18	8	6.5	10.0	62	14	6	8.0	10.5	60	22	2	9.0	13.5	74	13	14	10.0	15.5	86	10	6	8.0	13.0
2.5	59	8	6	6.0	9.5	51	18	10	6.5	11.0	41	6	2	7.0	10.5	39	5	0	7.5	10.0	49	16	8	7.5	11.0	63	12	8	6.5	11.0
5	56	14	4	6.0	9.0	54	14	14	7.0	10.0	38	8	4	7.5	10.5	38	8	6	6.5	9.5	56	14	14	8.5	13.0	62	12	8	6.0	10.0
10	38	10	4	4.0	6.0	38	8	6	4.0	6.0	32	10	4	4.5	7.0	32	8	4	5.0	8.0	44	6	4	5.0	8.0	42	6	6	4.5	7.0
20	24	2	2	1.5	3.0	24	2	2	1.5	3.5	24	4	2	2.0	4.0	26	2	4	3.0	5.0	26	4	4	3.0	4.5	24	4	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 Pretoria, S. Africa Lat. 25.8 S Long. 28.3 E Season Spring (Mar Apr May) 19 64

	TIME BLOCKS (LST)																										
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	158	6	6			156	6	6			154	6	8			160	7	8			162	8	8			160	8	6		
.051	132	12	8			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) 19 64

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	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	18	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 São José, Brazil Lat. 23.3 S Long. 45.8 W Season Summer(Dec. Jan. Feb.) 1963-64

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	6	14			121	9	11			120	6	13			131	11	9			134	8	10			136	2	14		
.113	115	10	10			104	11	13			99	10	7			110	15	11			117	15	20			117	8	7		
.246	103	9	13			86	15	11			82	13	9			101	22	18			107	16	21			107	9	14		
.545	88	10	10			84	8	10			86	12	14			84	26	6			90	14	11			52	10	10		
2.5	66	9	8			56	8	10			36	10	3			50	24	17			63	13	13			71	5	9		
5	57	7	9			58	14	18			41	12	7			45	15	7			60	12	12			68	7	16		
10	42	6	9			38	6	7			32	7	7			41	11	10			46	6	5			45	6	6		
20	24	8	2			24	7	2			24	5	2			28	12	4			31	13	7			25	5	3		

F_{am} = median value af effective antenna naise in db abave ktb

D_u = ratio of upper decile to median in db

D_ℓ = ratio of median to lawer decile in db

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

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

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

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

	TIME BLOCKS (LST)																										
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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	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

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