NBS

Technical Note 18-15

QUARTERLY RADIO NOISE DATA JUNE, JULY, AUGUST 1962

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 MARCH 1, 1963

QUARTERLY RADIO NOISE DATA
JUNE, JULY, AUGUST 1962

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Boulder, Colorado

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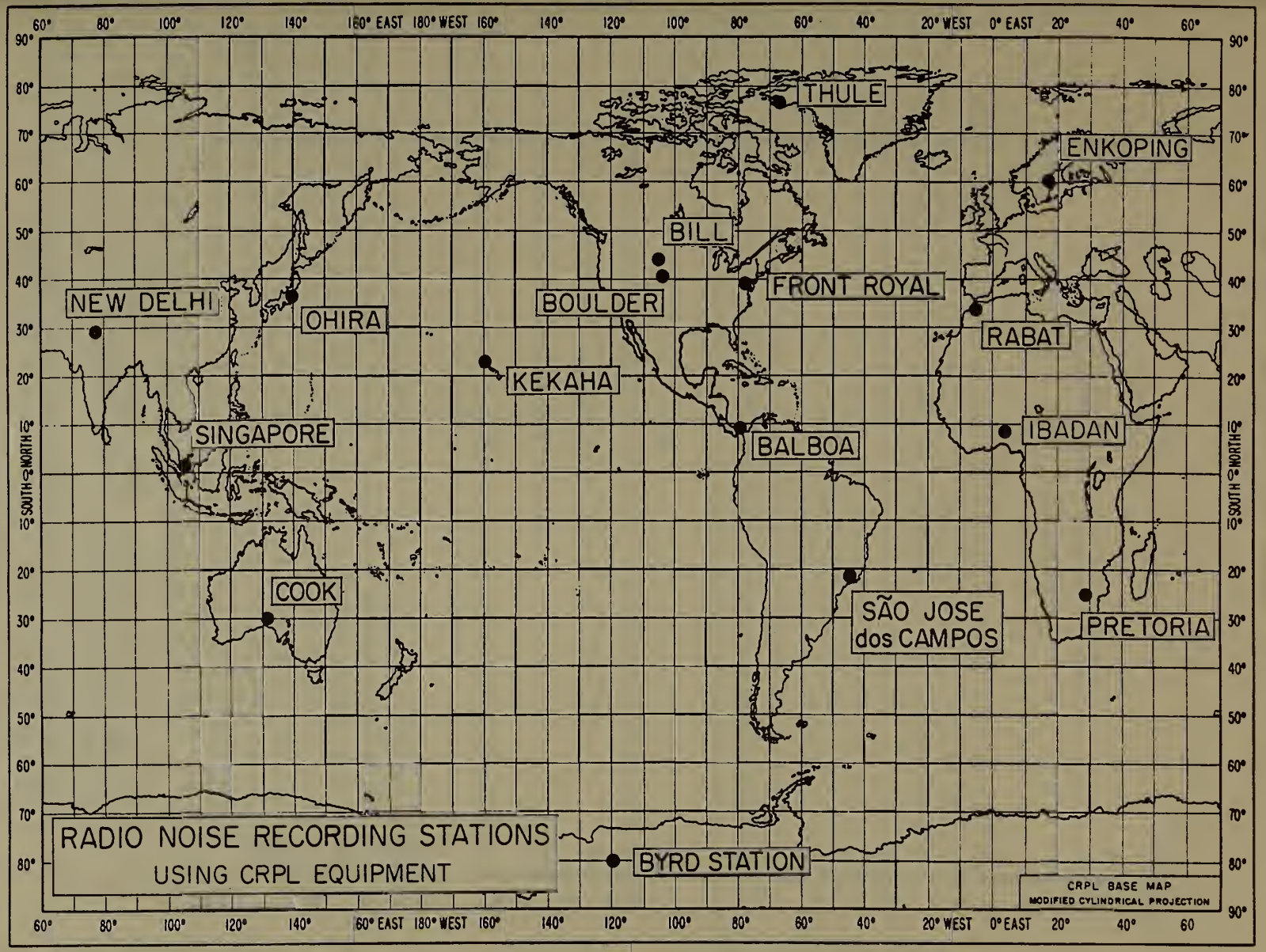
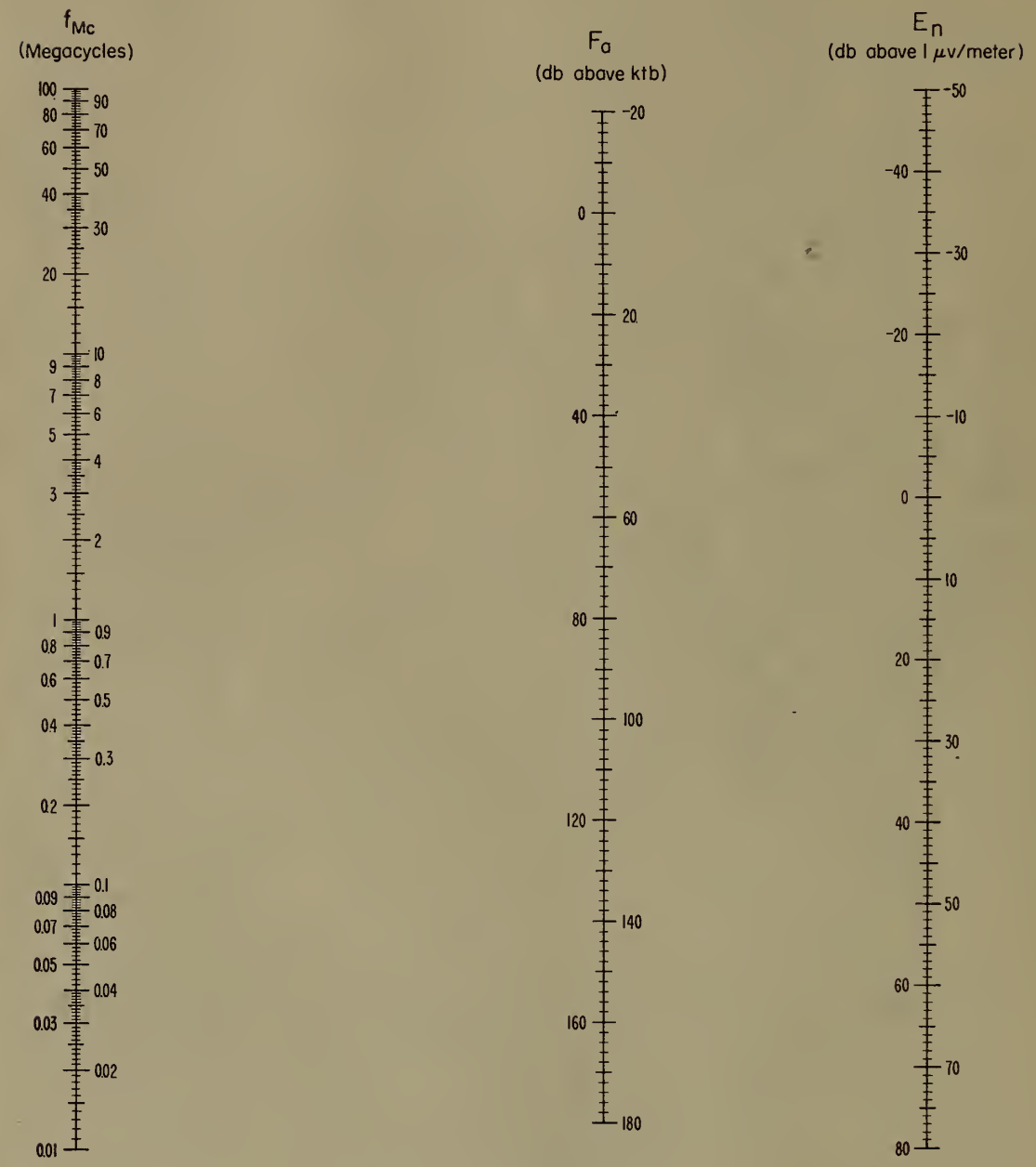
RADIO NOISE RECORDING STATION

ARN-2 ATMOSPHERIC RADIO NOISE RECORDER


THULE
ENKOPING
BILL
FRONT ROYAL
NEW DELHI
OHIRA
BOULDER
RABAT
KEKAHA
SINGAPORE
BALBOA
IBADAN
COOK
SÃO JOSE
dos CAMPOS
PRETORIA
BYRD STATION
RADIO NOISE RECORDING STATIONS
USING CRPL EQUIPMENT
CRPL BASE MAP
MODIFIED CYLINDRICAL PROJECTION

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.

Radio Noise Data for the Season

June, July, August 1962

Radio noise measurements are being made at sixteen stations in a world-wide network supervised by the National Bureau of Standards (see map). The results of these measurements for the period June, July, August 1962 are presented in the attached tables. These are based on three parameters of the noise: (1) the mean power, (2) the mean envelope voltage, and (3) the mean logarithm of the envelope voltage. The mean power averaged over a period of several minutes is the basic parameter and is expressed as an effective antenna noise figure, F_a. F_a is defined as the noise power available from an equivalent lossless antenna in db above ktb (the thermal noise power available from a passive resistance) where

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

t = Absolute room temperature (taken as 288^{o} K)

b = Bandwidth in cycles per second.

The mean voltage and mean logarithm are expressed as deviations, V_d and L_d, respectively, in db below the mean power.

Measurements of these parameters 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 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. 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.

Time-block median values of noise are tabulated on a seasonal basis, and are obtained by averaging all month-hour medians for the season within a particular four-hour period of the day. The time-block values conform to the seasonal-time-block values used in C.C.I.R. Report No. 65 (see attached references).

F_a in db is related to the rms field strength at the antenna by the following equation:

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

where

E_n = the equivalent vertically polarized ground wave rms noise field strength in db above 1 μv/meter for a 1 kc bandwidth.

f_{Mc} = the frequency in megacycles/second.

The nomogram given may be used for this conversion.

The values presented in the tables reflect the actual measured radio noise; in some instances the atmospheric noise level may be contaminated by man-made noise or station interference. 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 [10], 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 by the method in reference 10, 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 a 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).

These preliminary data values are presented in order to expedite dissemination of the data. Additional analyses, in which an attempt is made to eliminate contaminated data, are presented in other publications.

Stations in the recording network were operated by the following agencies:

NBS - Bill, Wyoming; Boulder, Colorado; Byrd Station; Front Royal, Virginia; Kekaha, Hawaii

Signal Corps, U. S. Army - Balboa, C. Z.; Thule, Greenland

Postmaster General's Department (Australia) - Cook

Board of Telecommunications (Sweden) - Enkoping

DSIR (Great Britain) and University College Department of Physics (Nigeria) - Ibadan

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

Radio Research Laboratories (Japan) - Ohira

Telecommunications Research Laboratory (South Africa) - Pretoria

Institut Scientifique Chérifien (Morocco) - Rabat

Instituto Tecnologico de Aeronautica (Brazil) - São José dos Campos

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

The assistance of the station operators and other personnel of these agencies in obtaining the data contained in this report is gratefully acknowledged.

The following publications contain additional information on radio noise:

1. W. Q. Crichlow, 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.

2. "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).

3. A. D. Watt and E. L. Maxwell, "Measured Statistical Characteristics of VLF Atmospheric Radio Noise," Proc. IRE, 45,1, 55 (1957).

4. W. Q. Crichlow, "Noise Investigation at VLF by the National Bureau of Standards," Proc. IRE, 45,6, 778 (1957).

5. A. D. Watt and E. L. Maxwell, "Characteristics of Atmospheric Noise from 1 to 100 kc," Proc. IRE, 45,6, 787 (1957).

6. F. F. Fulton, Jr., "The Effect of Receiver Bandwidth on Amplitude Distribution of V. L. F. Atmospheric Noise," National Bureau of Standards, VLF Symposium Paper 37, Boulder, Colorado, 1957.

7. H. E. Dinger, "Report on URSI Commission IV - Radio Noise of Terrestrial Origin," Proc. IRE, 46,7, 1366 (1958).

8. A. D. Watt, 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).

9. W. L. Taylor and A. G. Jean, "Very-Low-Frequency Radiation Spectra of Lightning Discharges," NBS J. of Research-D. Radio Propagation, 63D,2, 199 (1959).

10. W. Q. Crichlow, C. J. Roubique, A. D. Spaulding, and W. M. Beery, "Determination of the Amplitude-Probability Distribution of Atmospheric Radio Noise from Statistical Moments," NBS J. Research-D. Radio Propagation, 64D,1, 49 (1960).

11. Tatsuzo Obayashi, "Measured Frequency Spectra of Very-Low-Frequency Atmospherics," NBS J. of Research-D. Radio Propagation, 64D,1, 41 (1960).

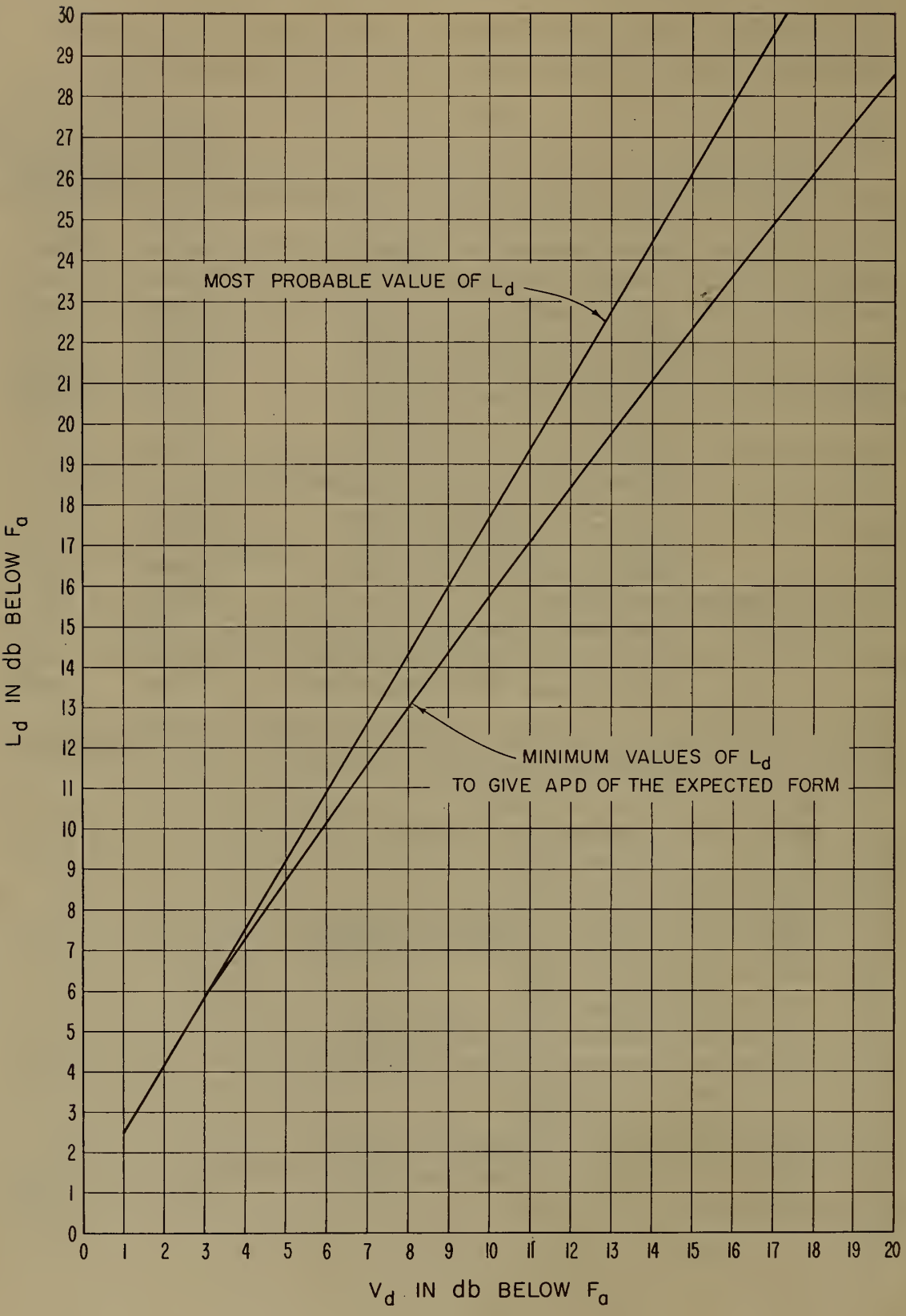
Data included in this report and the standard time for each station are as follows:

Station	Data	Time Zone	To Convert LST to GMT (hours)
Balboa	June, July, August 1962	75 W	+05
Bill	July, August 1962	105 W	+07
Boulder	June, July, August 1962	105 W	+07
Byrd Station	July, August 1962	120 W	-09
Cook	June, July, August 1962	135 E	-09
Enkoping	June, July, August 1962	15 E	-01
Front Royal	June, July, August 1962	75 W	+05
Kekaha	June, July, August 1962	150 W	+10
New Delhi	December 1961	75 E	-05
	March, April, May, August 1962		
Ohira	June, July, August 1962	135 E	-09
Pretoria	June, July, August 1962	30 E	-02
Rabat	June, July, August 1962	GMT	0
São Jose dos Campos	December 1961	45 W	+03
	February, March, April 1962		
Singapore	February, April, May 1962	105 E	-07
Thule	May, June, July, August 1962	75 W	+05

Previous data from the NBS 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

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. 9.0N Long. 79.5W Month June 1962

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	164	4	2	8.5	14.0*	145	4	6	8.0	13.0	125	4	7	6.5	11.0	104	2	5	6.0	11.0	73	4	4	*4.0	*8.0	63	4	2	3.0	5.0	52	3	5	+2.0	*4.0	25	6	4	+2.5	+3.0
01	164	6	2	9.0	15.0	145	6	4	8.0	13.0	125	6	4	8.0	13.0	104	4	7	6.5	12.0	73	4	2	4.5	9.0	63	4	4	3.0	6.0	51	2	4	3.0	6.0	25	4	4	+2.0	+3.0
02	166	4	4	10.0	16.0	145	4	4	8.0	13.0	125	6	6	6.5	12.0	104	6	6	5.0	11.0	73	6	2	4.0	8.0	63	4	4	4.5	8.0	51	4	4	1.5	4.0	24	5	3	+2.5	+3.0
03	166	2	4	9.5	16.0	145	4	4	8.5	14.0	125	4	4	7.0	13.0	102	8	4	6.5	13.0	75	4	6	+4.5	*9.0	65	6	6	4.0	7.0	49	6	8	*3.5	*6.0	25	4	2	+7.0	*7.5
04	164	6	2	9.5	16.5	145	4	6	8.0	14.0	125	4	6	7.5	14.0	103	7	7	8.0	16.0	74	5	3	5.0	10.0	63	4	4	5.0	8.0	51	4	14	*3.0	*5.0	23	5	2	+2.0	+3.0
05	166	4	8	11.5	18.0	145	4	6	10.0	16.0	123	8	6	9.0	17.0	98	14	12	8.5	16.0	75	2	8	+6.0	*11.0	63	2	6	6.0	9.0	47	4	6	*2.5	*4.5	25	6	2	1.0	*1.5
06	164	4	6	12.0	18.0	143	6	12	11.0	18.5	121	10	14	10.5	19.0	98	10	14	*9.0	*15.0	67	4	8	*10.0	*15.5	59	4	6	4.0	8.0	47	4	4	*2.0	*4.0	25	7	4	+2.0	+3.0
07	162	6	4	12.0	19.0	139	10	8	11.5	18.5	121	8	12	*11.0	*19.5	96	8	12	*8.0	*14.5	61	8	9	*10.5	*16.5	55	4	9	8.0	12.0	43	4	3	+3.0	*5.0	24	5	5	*4.0	*5.0
08	162	6	6	14.0	19.0	140	6	14	12.0	18.5	121	6	22	13.0	20.0	94	12	10	*8.5	*14.0	55	11	12	+11.0	*17.5	51	7	8	6.0	9.0	39	4	6	*4.5	+7.0	23	6	3	+2.0	+3.0
09	162	4	4	11.5	18.0	137	8	6	14.0	19.0	119	8	15	12.0	19.0	90	15	8	*9.0	*14.5	49	16	10	*5.0	*10.0	45	8	6	7.0	12.0	37	4	6	*4.0	*6.5	25	5	2	+2.0	+3.0
10	162	4	4	12.5	19.0	137	9	8	12.0	19.0	115	12	16	11.0	20.0	89	21	5	*14.0	*18.0	43	20	10	*9.0	*13.0	41	14	4	7.0	11.0	37	5	7	5.0	9.0	25	5	4	*5.0	*8.0
11	162	2	4	12.0	18.0	137	8	4	*12.5	18.0	117	12	15	13.0	19.0	90	16	6	*12.0	*16.0	43	23	7	*9.0	*15.0	41	12	4	8.0	12.0	37	4	6	*6.5	*9.5	25	4	4	*6.0	*9.0
12	162	4	2	11.0	16.5	137	12	6	11.5	17.5	121	9	15	14.0	20.0	94	17	10	*10.5	*16.0	41	26	8	*12.0	*16.0	41	16	6	3.5	8.0	39	6	8	*9.0	*13.0	25	8	2	*4.0	*6.0
13	164	4	4	10.0	16.0	141	13	7	*11.0	17.0	121	14	16	14.5	23.0	100	18	16	*12.0	*19.0	49	25	16	*12.0	*17.0	45	20	8	11.5	17.0	41	12	8	*4.0	*6.5	29	10	2	*3.0	*6.0
14	166	6	4	9.0	14.0	143	8	8	11.5	17.0	127	8	13	13.0	19.0	105	12	15	*12.0	*21.0	57	24	22	*10.0	*16.0	49	14	11	6.0	12.0	45	9	7	*6.5	*10.5	31	7	6	*7.0	*9.5
15	166	5	2	8.0	13.5	141	10	5	9.0	13.5	123	10	10	11.0	17.5	101	13	12	*11.5	*18.5	57	22	20	*10.0	*16.0	47	17	5	7.0	10.0	45	9	4	*5.0	*8.0	31	7	6	*5.5	*8.0
16	166	8	2	7.5	12.5	141	10	6	9.5	15.5	118	15	9	12.5	20.0	98	12	12	*8.5	*13.5	59	20	14	*9.5	*15.0	53	11	5	8.0	12.0	49	6	4	*4.0	*7.0	31	5	4	*4.0	*6.0
17	166	5	4	6.5	12.0	141	8	6	10.0	15.0	117	16	8	*11.5	+18.0	98	14	12	*8.0	*14.0	59	16	6	*8.0	*13.0	59	4	6	4.0	7.0	51	6	4	*4.5	*8.0	31	8	4	4.0	7.0
18	164	4	4	7.5	12.5	139	6	6	9.0	15.0	117	10	8	8.0	15.0	93	7	5	7.0	11.0	65	14	8	*8.0	*13.0	63	6	4	4.5	7.0	53	4	4	*1.5	*3.0	31	4	4	2.5	4.0
19	162	6	4	7.0	12.0	139	8	6	8.0	13.5	118	12	3	7.0	14.5	98	13	4	7.0	12.0	71	6	6	5.0	10.0	65	4	4	3.5	4.5	53	6	4	2.0	3.0	29	8	4	*2.5	4.0
20	164	4	4	8.5	13.0	141	6	5	8.0	12.5	121	7	4	8.0	13.0	99	7	5	6.5	12.5	73	4	6	5.0	9.0	65	4	4	3.0	5.0	53	4	4	2.5	3.5	27	6	4	*3.0	*4.0
21	164	6	2	9.0	14.5	143	6	5	8.0	12.5	121	7	4	5.5	9.5	102	7	7	7.0	12.5	72	5	5	5.0	9.5	65	2	4	2.5	4.0	53	4	4	2.0	4.0	25	8	4	2.5	3.5
22	164	6	2	8.5	14.5	143	6	5	7.0	11.0	123	6	6	7.0	11.5	102	6	6	7.0	12.0	71	6	4	5.0	7.5	64	3	3	3.0	4.5	53	6	6	2.5	4.5	25	4	2	*2.5	*2.5
23	164	6	2	8.0	13.5	143	5	4	6.0	10.5	124	5	6	6.5	11.0	104	4	6	6.5	11.5	73	4	6	5.0	9.0	63	4	4	3.0	4.5	53	4	4	*2.0	*3.0	25	4	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

USCOMM-NBS-DC

MONTH-HOUR VALUES OF RADIO NOISE

Station Balboa, Canal Zone Lat. 9.0N Long. 79.5W Month July 19 62

Hour (LST)	Frequency (Mc)																																					
	.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	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm
00	164	8	3	10.5	15.5	143	8	3	9.5	14.0	126	7	4	8.0	12.5	104	6	7	8.5	14.0	72	3	7	4.0	7.0	61	4	2	3.5	7.5	52	4	6	3.5	6.0	29	4	4	2.0	3.0
01	166	5	4	10.0	15.0	147	5	9	10.0	15.0	128	5	6	8.5	14.0	104	10	7	8.0	14.0	71	5	5	4.5	8.0	63	3	3	3.5	7.0	46	12	6	3.0	5.0	27	12	2	2.5	3.5
02	166	8	3	11.0	16.0	146	8	8	9.0	14.0	128	8	6	8.0	14.0	106	8	7	8.0	13.5	72	5	5	3.5	7.0	63	6	3	5.0	8.0	44	12	4	4.0	6.5	27	11	2	2.5	3.0
03	168	6	7	11.0	15.5	146	8	8	8.5	13.0	128	6	6	9.0	15.0	105	9	6	7.0	13.0	72	6	2	5.0	9.0	63	4	3	4.0	6.5	43	12	5	4.0	6.0	29	7	5	2.5	3.5
04	168	5	7	11.0	16.5	147	7	8	9.5	15.0	128	6	7	10.0	15.5	106	7	6	7.5	13.0	72	6	3	5.0	9.0	61	4	2	4.5	7.5	44	10	4	4.0	6.5	32	5	7	3.5	5.5
05	168	4	5	11.0	16.0	147	4	9	11.0	16.0	128	7	7	9.0	15.0	106	9	15	9.0	15.5	72	4	3	5.0	10.0	61	4	4	5.0	8.5	48	7	9	2.5	4.0	31	8	6	3.0	4.0
06	167	6	8	11.5	17.5	147	6	13	11.0	18.0	128	7	13	10.0	17.0	104	8	18	*7.0	*14.0	68	5	10	9.0	15.0	59	9	2	7.5	11.0	48	5	6	3.5	7.0	31	8	6	2.0	4.0
07	164	8	7	13.0	18.5	145	8	11	13.0	18.5	124	10	8	12.0	21.0	99	12	10	*10.0	*15.0	64	8	5	9.0	16.0	57	7	7	7.0	11.0	43	7	4	4.0	7.0	27	8	2	4.0	6.0
08	162	9	3	12.0	18.0	139	12	6	*12.0	*18.5	120	12	6	*10.0	*16.0	98	12	11	10.0	17.0	58	14	11	9.0	15.0	52	11	7	9.0	13.5	42	4	5	4.0	6.0	27	8	2	5.5	6.0
09	162	7	4	13.0	18.5	143	8	14	*12.0	*18.5	124	8	12	12.5	20.0	98	13	12	*13.0	*17.5	60	10	18	10.0	15.0	49	13	8	5.0	9.5	40	6	4	3.5	5.0	27	6	2	3.5	5.0
10	162	5	3	13.0	18.0	140	7	9	13.0	19.0	123	6	15	13.0	21.5	96	13	9	*11.0	*18.5	55	11	17	9.0	14.0	46	10	5	8.0	10.0	40	2	5	4.0	6.0	27	5	2	3.0	3.0
11	162	4	4	13.0	19.0	139	10	8	14.0	19.5	122	8	16	14.0	20.0	97	11	11	12.0	18.0	55	8	19	11.0	17.0	45	8	8	8.0	10.5	40	2	4	6.0	7.5	28	6	2	3.0	3.5
12	162	6	2	12.5	18.0	139	9	9	15.0	20.0	118	15	10	*14.0	*20.0	96	10	10	*14.0	*20.0	48	16	13	9.0	13.0	45	12	10	5.0	7.5	39	5	3	1.5	3.5	29	2	2	3.5	4.5
13	164	5	4	11.0	17.0	139	11	5	*11.0	*16.0	124	11	16	*13.5	*21.0	100	15	14	*12.5	*17.0	54	11	24	5.5	12.0	47	20	13	7.0	10.0	42	11	4	4.0	6.5	31	11	2	2.5	4.5
14	166	7	4	10.0	14.5	143	12	9	12.0	16.0	128	11	19	11.0	18.0	102	18	17	*12.5	*21.0	*55			10.0	16.0	51	14	12	7.0	13.0	43	12	3	6.0	9.5	31	13	2	4.5	5.0
15	167	10	3	8.0	12.0	146	11	11	*9.5	*14.0	129	7	19	9.5	16.5	106	9	21	12.5	19.0	60	22	16	7.0	11.0	51	21	7	7.0	10.0	48	8	6	6.0	9.0	33	9	5	4.5	6.5
16	166	9	2	8.0	12.5	145	9	10	9.0	13.5	124	12	15	11.0	18.0	98	13	11	*11.0	*18.0	64	12	16	11.0	17.0	55	21	19	5.5	8.5	50	4	2	4.0	6.5	33	8	4	3.0	4.5
17	166	6	4	8.0	13.0	141	11	8	10.0	15.0	118	15	13	11.0	17.0	92	16	8	*10.0	*16.5	60	12	13	8.5	12.0	59	6	6			52	5	4	3.0	5.5	33	5	4	4.0	5.5
18	164	5	4	7.5	12.0	141	10	8	10.0	14.5	116	15	6	10.0	16.5	93	13	5	8.0	13.0	64	10	10	10.0	14.0	63	5	4	3.0	4.5	54	4	4	3.5	4.5	33	3	6	3.0	4.0
19	162	5	2	8.0	12.0	139	9	5	9.0	13.0	120	8	4	7.0	12.5	98	9	6	6.0	10.0	68	3	3	7.5	11.0	65	3	4	3.5	6.0	56	1	5	2.5	5.0	31	4	4	3.0	3.5
20	164	2	2	9.0	13.0	141	5	3	9.0	13.5	122	6	5	7.0	11.0	100	10	4	6.5	11.0	69	3	3	6.0	11.0	65	2	4	4.0	6.5	52	4	4	4.0	6.0	29	4	4	3.0	3.5
21	166	2	4	9.5	14.0	141	7	4	8.0	11.5	122	9	4	7.5	12.0	100	7	3	7.0	11.0	70	5	5	5.0	8.0	65	2	4	3.5	5.0	54	2	4	3.0	4.0	28	2	3	3.0	4.0
22	164	6	3	9.0	14.0	141	8	4	8.0	12.0	124	8	7	7.0	11.5	102	8	7	7.0	11.5	70	2	4	5.0	8.0	62	4	1	4.5	6.5	52	3	8	3.0	5.0	27	4	3	2.0	2.5
23	164	6	4	9.0	15.0	143	6	5	7.0	12.5	124	6	4	8.0	13.0	103	6	6	*7.0	*12.5	71	3	6	4.5	7.5	62	3	3	4.0	6.0	52	4	6	2.0	3.0	27	6	2	4.0	5.5

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 Balboa, Canal Zone Lat. 9.0N Long. 79.5W Month August 1962

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	166	4	4	10.0	15.0	145	6	5	8.0	12.0	128	5	6	7.0	11.0	102	8	4	5.0	9.0
01	168	4	6	9.0	14.5	147	5	5	8.0	13.0	128	4	6	6.0	10.0	104	6	6	6.0	9.0
02	168	2	6	9.0	14.5	149	2	8	8.0	12.5	128	4	6	7.0	11.0	104	6	8	5.5	10.0
03	168	4	6	10.0	15.0	147	4	7	8.0	13.0	128	4	8	6.5	11.0	102	8	6	5.0	10.0
04	168	4	6	9.0	15.5	147	4	8	7.5	12.5	126	8	7	7.5	12.5	102	11	8	5.5	10.0
05	168	5	6	9.5	16.0	146	7	7	8.5	14.5	126	8	8	9.0	14.0	98	13	11	9.5	15.5
06	166	5	5	10.0	16.5	142	10	8	10.5	16.5	123	11	9	11.5	19.5	96	14	11	10.0	17.0
07	164	7	4	12.0	17.5	142	9	10	11.0	18.0	122	12	14	10.0	18.0	98	12	15	*9.0	*17.0
08	164	4	6	11.5	17.5	141	8	10	13.0	19.0	122	11	14	11.0	19.0	95	14	17	8.5	16.0
09	164	5	8	12.0	17.5	139	11	12	12.5	12.0	122	9	24	12.0	20.0	94	14	23	11.5	19.0
10	164	4	8	12.0	18.0	139	9	11	11.0	18.0	120	10	20	12.0	20.0	92	16	20	12.0	18.5
11	164	5	5	11.0	17.5	139	9	9	12.0	18.0	118	16	18	10.5	19.0	94	16	21	*7.0	*14.0
12	164	9	4	10.0	16.0	139	12	6	9.5	15.0	122	11	17	11.5	18.0	92	20	20	*8.5	*16.0
13	166	5	4	9.5	15.0	142	11	7	10.5	15.5	126	11	17	11.0	18.0	104	12	24	*12.0	*19.0
14	168	4	3	9.0	13.5	143	10	6	10.0	15.0	124	14	15	12.0	19.5	106	10	24	12.5	18.5
15	168	8	4	9.0	13.5	144	13	5	10.0	14.5	130	9	14	12.0	18.0	101	20	14	12.5	20.5
16	168	7	2	7.5	12.0	143	12	6	11.0	16.5	126	11	16	11.0	17.5	104	14	20	10.5	17.5
17	168	5	4	8.0	11.5	143	10	6	10.0	14.0	124	11	11	9.0	15.0	98	16	12	*9.0	*16.5
18	164	7	2	7.5	12.0	139	12	4	8.0	12.0	120	14	5	8.0	13.5	98	15	6	*7.0	*14.0
19	164	8	2	9.5	13.0	141	11	4	8.0	12.0	122	11	4	7.0	13.5	102	10	6	5.5	9.0
20	166	4	4	9.0	14.0	143	8	4	7.5	12.0	124	6	5	6.5	10.0	102	6	5	5.0	8.5
21	166	5	3	9.5	13.5	143	6	4	7.5	11.5	124	7	4	6.0	10.0	102	7	4	5.5	8.0
22	166	4	4	9.0	15.0	145	4	6	8.0	12.0	126	6	4	6.0	10.0	104	6	6	5.0	8.5
23	166	5	4	8.5	13.5	145	5	5	7.5	12.0	126	4	5	6.0	10.5	104	4	6	5.5	8.5

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	72	6	5	4.5	8.0	63	4	2	5.0	8.0	48	8	7	4.0	6.0	28	6	6	*1.0	*2.0
01	73	4	5	4.0	8.0	65	2	4	4.0	7.0	47	7	5	3.5	5.0	28	7	6	*2.0	*3.0
02	75	2	5	4.5	9.0	65	2	3	4.0	8.0	46	8	4	4.5	7.5	28	8	6	*3.0	*4.0
03	75	4	4	5.0	8.5	65	1	4	5.0	8.5	42	10	5	4.0	6.0	28	6	6	3.0	4.0
04	77	1	6	5.0	8.5	63	4	2	5.0	8.0	42	13	5	*2.5	*4.5	28	6	6	*3.0	*3.5
05	75	4	4	5.5	9.5	63	4	2	5.0	9.0	46	8	8	*4.0	*6.0	28	8	6	*1.5	*2.5
06	69	6	8	7.0	13.0	61	4	2	*5.5	*9.5	50	2	6	3.0	6.0	27	11	7	*2.0	*3.0
07	61	13	6	*9.0	*15.0	57	8	4	*6.0	*10.0	46	5	4	4.0	7.5	28	6	6	*2.5	*4.0
08	55	13	13	*9.0	*13.0	51	6	6	8.0	12.5	43	3	5	4.0	7.0	28	6	6	3.5	5.5
09	48	15	11	*6.0	*8.5	47	8	8	*8.0	*13.0	40	4	2	*4.0	*6.0	28	4	6	2.5	4.0
10	45	16	14	*12.0	*18.0	43	12	6	*7.0	*12.0	40	4	4	*4.0	*6.0	28	6	6	3.5	6.0
11	45	22	10	*11.0	*17.5	41	18	6	*9.5	*12.0	42	4	6	6.0	8.5	28	8	6	*3.0	4.5
12	45	26	10	*9.0	*15.0	43	22	8	*9.0	*14.0	42	9	4	*5.5	*9.5	30	10	6	3.5	5.0
13	47	28	16	*12.0	*17.5	49	19	10	*10.0	*15.0	44	10	4	*6.0	*9.5	34	8	8	*7.0	*9.5
14	66	15	25	*11.0	*18.0	57	12	14	*9.5	*14.5	48	10	4	*7.0	*11.0	36	6	8	*6.5	*9.0
15	65	18	22	*8.0	*14.0	55	14	8	*7.0	*11.0	48	9	2	*6.5	*10.0	34	13	6	5.0	7.5
16	60	26	14	*10.0	*17.0	57	14	7	*7.0	*11.5	52	5	4	*4.0	*7.0	34	9	4	4.0	6.0
17	64	13	15	*9.5	*14.5	61	8	5	*5.0	*7.5	54	2	2	3.0	4.0	36	4	6	4.0	6.5
18	65	11	6	*6.5	*11.0	64	5	3	*5.0	*8.5	56	1	4	2.5	4.5	32	9	4	4.0	6.0
19	71	6	4	5.0	8.0	65	5	2	*4.5	*7.0	56	0	2	*4.0	*6.0	32	6	8	4.0	5.5
20	71	4	2	6.0	9.0	67	3	4	3.0	5.0	54	4	6	2.5	4.5	28	9	6	*2.5	*4.0
21	73	2	4	4.0	7.0	65	2	2	*3.5	*6.0	52	5	9	3.5	6.0	26	10	4	*2.0	*3.0
22	71	4	4	4.5	7.5	63	4	3	*4.0	*6.5	50	6	8	4.0	6.0	28	8	6	2.0	3.5
23	73	4	6	4.5	8.0	63	5	3	4.0	6.0	48	9	11	*3.0	*5.0	26	8	4	*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

USCOMM-NBS-BL

RN-13

MONTH-HOUR VALUES OF RADIO NOISE

Station Bill, Wyoming Lat. 43.2N Long. 105.2W Month July 19 62

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	165			10.0	17.0	142			5.5	9.0	120			8.0	13.0	99			4.5	12.5
01	163			10.5	17.5	142			3.5	7.0	118			8.5	16.0	97			7.0	15.5
02	163			12.5	20.0	142			4.0	7.0	114			10.0	17.0	95			8.5	15.0
03	163			13.0	20.5	142			4.0	7.0	114			9.5	16.5	91			10.0	19.5
04	161			11.0	17.5	136			3.5	7.0	108			11.5	18.5	75			8.0	12.5
05	163			13.0	20.5	136			3.5	6.5	104			12.5	21.0	71			7.0	12.5
06	161			12.0	19.5	134			3.0	6.5	103			14.5	24.5	70			5.0	7.5
07	157			12.5	21.5	136			2.5	5.5	101			14.5	23.0	67			6.0	9.5
08	157			15.0	22.5	136			3.0	7.5	96			14.5	22.0	63				
09	157			14.0	21.5	138			4.0	7.5	99			14.5	21.0	73			13.0	19.5
10	163			12.5	19.0	140			5.0	8.5	121			17.0	24.0	103			12.0	20.5
11	167			10.0	17.0	146			5.5	8.5	123			12.5	20.5	104			11.0	20.0
12	170			8.0	15.0	147			9.0	12.0	128			10.0	17.0	107			9.5	18.0
13	170			8.0	14.0	149			8.5	13.0	132			9.5	16.0	110			8.5	15.5
14	172			5.5	12.0	151			7.5	11.0	131			8.0	14.0	108			10.5	17.5
15	171			6.5	12.0	151			6.5	11.0	132			8.0	13.0	109			7.5	14.5
16	173			6.0	11.0	148			6.5	10.0	130			8.5	14.0	101			8.5	16.0
17	169			6.0	11.0	148			6.5	10.5	128			6.5	11.5	104			10.0	18.5
18	171			7.0	12.0	146			7.0	11.0	128			9.0	14.5	103			11.0	19.0
19	171			8.0	14.0	148			7.5	12.0	126			6.0	11.0	103			6.0	12.5
20	171			11.5	15.5	146			9.0	15.0	124			8.0	14.5	105			9.0	14.0
21	171			9.0	17.0	146			8.5	10.5	126			6.0	12.0	103			5.0	14.0
22	171			9.5	17.5	144			8.0	10.0	124			7.0	13.5	101			6.5	15.5
23	167			11.0	17.5	144			6.0	8.5	123			6.0	12.0	101			5.5	12.0

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}*	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}
00	79			5.5	9.0	61			4.0	7.5	41									
01	77			6.0	10.0	58			6.5	10.0	42									
02	74			2.0	5.5	58			3.0	6.5	38			3.5	5.5					
03	73			5.0	9.0	54			3.0	6.0	37			1.0	2.5					
04	73					56			3.5	8.0	43			3.0	5.5					
05	55			6.5	11.0	52			4.5	8.5	44			2.5	5.0					
06	48			7.0	12.0	47			5.0	9.5	42			1.5	3.5					
07	38					39					41									
08	33					32					39									
09	27			7.5	14.5	30					37			8.0	12.5					
10	33			8.5	14.0	42			10.5	14.0	39									
11	59			7.0	12.5	46			7.0	12.0	41									
12	71			5.0	10.0	54			4.0	8.5	46			4.5	8.0					
13	72			6.5	11.0	58			4.5	8.5	49			4.5	8.0					
14	71					54			2.5	5.5	48									
15	73			4.5	8.5	58			2.5	6.5	49			1.0	3.0					
16	61			4.0	7.0	58			2.5	5.0	54			1.0	2.5					
17	69			3.5	7.5	60			2.5	5.0	57			1.0	2.5					
18	71			3.5	6.5	64			2.0	4.5	59			3.0	5.0					
19	75			6.0	9.0	66			2.0	5.0	59			2.0	4.0					
20	81			4.0	7.0	70			2.5	6.0	55			2.0	5.0					
21	81			1.0	4.5	70			1.5	4.5	53			2.0	4.5					
22	81			4.0	8.0	66			3.0	6.0	47			4.0	7.0					
23	79			3.0	6.0	64			4.0	8.0	43			5.0	7.0					

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

MONTH-HOUR VALUES OF RADIO NOISE

Station Bill, Wyoming Lat. 43.2N Long. 105.2W Month August 19 62

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	*164			8.0	13.0	*143			4.0	9.0	*119			4.5	8.0	*103			4.5	7.5	*78			3.5	6.0	*63			4.0	7.0	*40			2.0	4.0	*25			*1.0	*2.0
01	*164			7.5	12.0	*143			6.0	11.0	*119			5.0	9.0	*101			4.0	8.5	*77			4.0	7.0	*62			3.5	6.0	*40			1.5	3.5	*25			*1.0	*2.0
02	*164			8.0	15.0	*141			4.0	8.5	*119			6.0	10.5	*99			4.5	9.0	*75			4.0	8.0	*62			4.0	6.0	*38			2.0	3.0	*25			*0.5	*2.0
03	*162			8.5	15.0	*141			4.5	10.0	*116			6.5	12.0	*95			6.0	12.0	*75			4.0	7.5	*62			4.0	7.0	*39			1.0	2.5	*25			*1.0	*2.5
04	*162			7.5	14.0	*137			6.0	10.5	*108			7.0	13.5	*78			7.5	12.0	*72			4.0	8.0	*59			3.5	6.5	*44			2.0	4.5	*25			*1.5	*2.5
05	*162			9.0	16.0	*133			6.5	11.0	*107			7.0	14.5	*72			6.5	10.5	*57			6.0	10.0	*58			4.5	8.0	*46			3.5	5.5	*23			*1.0	*2.0
06	*160			8.5	16.0	*133			7.0	12.0	*107			11.0	19.0	*74			10.5	16.0	*47			5.5	10.0	*51			5.0	9.0	*42			3.5	5.0	*23			*2.0	*2.5
07	*160			11.5	18.5	*133			6.0	12.5	*103			11.0	19.5	*73			11.5	15.0	*39			5.0	8.0	*45			6.0	10.0	*40			4.0	5.5	*24			*1.5	*2.5
08	*161			12.5	18.0	*131			8.0	14.0	*103			7.5	15.5	*71			5.0	9.5	*33			4.0	5.5	*41			6	9.0	*42			5.0	8.0	*23			*2.0	*3.0
09	*162			11.0	19.0	*135			7.0	11.5	*111			7.0	14.0	*71			4.0	7.0	*31			2.5	4.0	*41			6.0	10.0	*44			4.5	7.5	*24			*1.0	*2.5
10	*162			11.5	18.0	*134			5.0	9.0	*102			11.5	18.5	*69			5.0	8.0	*30			3.5	5.0	*35			4.0	7.0	*40			5.0	8.0	*24			*2.0	*3.0
11	*162			9.0	14.0	*135			3.0	7.5	*101			14.5	22.0	*75			8.0	14.0	*29			3.0	4.0	*35			7.0	11.0	*40			4.5	7.0	*23			*1.5	*3.0
12	*162			8.0	14.0	*135			6.0	10.0	*103			11.0	19.0	*71			4.0	6.5	*29			7.0	9.0	*35			6.0	9.0	*42			4.0	6.5	*23			*1.0	*3.0
13	*165			8.0	13.0	*137			5.5	9.0	*111			9.0	15.5	*77			8.5	12.0	*30			2.5	3.5	*37			5.5	9.0	*42			4.0	6.0	*25			2.0	4.0
14	*166			6.0	11.0	*137			5.0	8.0	*115			9.0	16.0	*92			7.0	11.5	*34			8.0	12.0	41	24	4	5.5	8.5	44	6	4	3.0	5.0	25	21	4	2.0	3.0
15	*165			5.5	10.5	*139			5.0	8.0	119	18	16	8.0	14.5	95	26	24	6.0	10.0	49	26	20	*8.0	*14.5	45	22	2	3.0	6.0	48	13	2	3.0	5.0	27	19	4	2.5	4.0
16	166	10	2	6.0	10.5	*142			5.0	9.0	121	10	16	6.0	12.5	93	12	22	4.5	10.0	55	35	8	7.5	12.0	52	19	3	4.0	6.5	44	2	2	3.0	5.0	26	20	1	2.5	3.0
17	166	4	4	6.0	10.0	141	8	8	5.0	9.0	121	10	14	7.0	12.0	97	6	26	6.0	9.0	58	13	11	5.0	9.0	57	18	4	3.0	5.5	57	5	3	2.0	4.0	27	6	4	2.5	3.5
18	166	4	4	6.0	10.0	*141			6.0	10.0	119	12	8	6.0	10.5	97	8	18	5.0	8.0	63	8	8	4.0	6.0	63	4	4	2.0	4.5	58	6	2	2.0	4.0	25	9	4	2.0	4.0
19	164	4	2	6.0	11.0	*143			4.5	9.0	121	10	10	5.0	8.5	99	6	18	5.0	8.0	71	4	2	3.0	5.0	67	2	2	2.5	5.0	58	9	2	2.5	5.0	25	2	4	2.0	3.0
20	164	6	8	7.5	13.0	141	8	4	5.0	9.5	119	10	6	5.0	9.0	99	6	6	4.0	7.0	75	6	4	3.0	5.5	69	4	4	3.0	5.5	58	6	4	3.0	5.0	25	2	4	1.0	2.5
21	164	8	2	7.0	12.0	143	6	6	4.0	8.5	*119			5.0	8.5	*101			4.0	7.0	79	2	8	2.5	5.5	69	4	4	3.0	6.0	57	3	11	2.5	5.0	25	2	4	*1.0	*2.0
22	*165			7.0	12.0	*144			5.5	10.0	*119			5.5	9.0	*101			2.5	5.5	*79			2.5	5.0	*67			3.5	6.0	*47			*2.0	4.0	*25			*1.0	*2.0
23	*164			7.0	13.0	*143			5.0	10.0	*117			4.0	7.0	*103			3.5	7.0	*79			3.0	6.0	*63			3.5	6.5	*40			2.5	4.0	*25			*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 Boulder, Colorado Lat. 40.1N Long. 105.1W Month June 19 62

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	165	2	4	8.0	13.5	145	2	7	5.5	11.0	124	6	9	4.5	8.5	96					78	5	7	5.0	9.0	66	3	5	5.0	9.0	47			2.5	6.5	25			1.5	4.0
01	163	4	2	8.0	13.5	143	4	6	5.0	11.5	122	4	8	5.0	9.0	94					77	4	6	4.5	9.0	65	4	6	5.0	9.0	43			2.0	8.5	25			1.5	4.0
02	163	2	4	9.0	14.5	143	4	8	6.0	11.5	122	4	8	6.0	10.0	97					75	6	6	5.0	9.0	63	4	6	5.5	10.0	38			3.0	6.0	24			2.0	4.0
03	161	4	2	9.0	15.0	139	4	8	7.5	14.0	118	4	12	6.5	12.0	88					75	4	8	*6.5	*11.0	61	6	6	5.0	9.0	37			5.5	7.5	23			3.0	3.5
04	161	4	4	9.5	16.0	133	8	2	8.0	14.5	109	11	15	10.0	16.0	69					69	6	8	*5.0	*6.5	58	5	7	6.0	9.5	43			3.5	8.0	23			2.0	4.0
05	159	4	2	11.0	17.5	132	9	3	10.0	17.0	108	12	16	8.5	16.0	70					55	8	8	*4.0	*7.0	53	6	8	6.0	9.0	39			5.0	10.0	23			2.0	4.0
06	159	4	4	12.0	18.5	131	8	6	11.0	19.0	108	10	14	10.0	17.0	71					49	6	6	*4.0	*5.0	48	5	7	*6.0	*10.0	40			5.0	8.5	24			2.5	8.0
07	159	4	4	12.0	18.0	130	7	7	11.0	18.0	102	12	10	11.0	18.5	69					45	4	2	3.0	4.5	45	6	8	4.5	6.5	39			6.0	10.0	24				
08	159	4	4	13.0	19.0	129	7	4	11.5	19.0	106	6	14	*11.5	*19.0	75					45	4	2	*2.5	*3.5	41	6	6	3.0	5.0	36					29				
09	159	4	3	11.5	18.5	130	6	5	11.0	18.0	102	15	10	*8.0	*16.0	67					47	5	6	*2.5	*3.5	41	6	4	2.5	4.5	38			7.0	8.5	25				
10	159	4	2	11.5	17.5	133	7	6	8.5	15.0	106	11	10	*11.5	*17.5	81					47	7	4	*2.0	*4.0	41	6	4	3.0	5.0	38					25			2.5	10.0
11	163	2	2	9.0	15.0	139	4	4	8.0	13.0	117	7	11	14.0	19.0	95			5.0	10.0	49	14	4	*2.0	*3.5	43	6	4	*4.5	*7.0	38			6.0	8.5	28				
12	165	6	2	8.5	14.0	143	8	8	9.0	14.0	121	13	11	10.0	17.0	97					59	14	12	*2.0	*4.0	48	3	7	*4.0	*8.0	42			5.5	11.0	32			5.5	12.0
13	167	4	2	7.5	12.5	145	10	8	7.0	12.5	126	10	12	9.0	14.5	113					63	14	14	*10.0	*17.0	50	7	7	*10.0	*15.5	51					38			7.0	10.0
14	169	6	4	8.5	13.0	147	8	6	7.5	13.5	130	10	12	8.0	14.0	109					75	10	22	*9.0	*16.0	53	10	8	*5.0	*8.0	55			3.5	6.0	31				
15	171	4	6	8.0	13.0	149	6	10	7.0	11.5	130	8	12	8.0	12.5	113					71	14	18	*7.0	*11.0	57	12	10	*5.5	*7.5	50			4.0	6.0	32			6.0	8.0
16	170	5	3	6.5	12.5	149	11	9	7.5	12.5	132	6	14	7.0	12.5	117					71	12	18	*6.5	*10.5	59	10	8	*4.5	*7.5	55			4.0	6.5	36			4.5	1.0
17	169	7	4	6.5	11.0	147	16	8	7.0	12.0	131	9	10	7.0	11.5	114			5.0	7.0	71	15	18	*5.5	*9.5	61	11	6	3.5	7.0	54			3.0	5.0	35			4.5	6.0
18	169	4	4	6.5	11.0	147	8	8	6.0	11.0	130	6	10	6.0	10.5	113			3.0	5.5	73	11	12	5.5	8.5	63	7	4	4.0	7.0	54			3.5	6.0	33			3.0	7.0
19	168	4	3	7.0	11.0	147	6	8	7.0	11.0	130	5	9	5.0	9.0	111					75	9	8	4.5	7.0	67	2	2	4.0	7.0	54			3.0	4.5	29			5.5	5.5
20	167	6	4	7.5	12.0	147	4	4	6.0	10.0	128	3	7	5.0	8.0	107			3.0	6.0	79	4	6	4.0	7.0	70	3	5	4.0	8.0	55			2.0	5.5	27				
21	167	4	4	7.0	12.0	147	6	4	5.0	9.0	128	4	8	4.0	7.0	107					79	4	6	4.0	7.5	69	4	4	3.5	7.5	54			2.5	4.0	26			3.5	3.5
22	167	6	4	7.0	12.0	145	6	6	5.5	10.5	126	4	8	4.0	7.5	108					79	4	8	4.0	8.0	67	4	6	4.0	8.0	55			2.5	4.5	26			3.0	3.0
23	165	6	4	7.5	13.0	145	3	6	5.0	11.0	126	3	8	4.5	8.5	105			3.0	4.0	79	4	4	4.5	8.0	67	4	6	4.5	8.5	50			2.0	5.0	25			2.5	4.0

F_{am} = median value of effective antenna noise in db abave ktb
D_u = ratia of upper decile ta median in db
D_ℓ = ratia af median to iawer decile in db
V_{dm} = median deviatian af average voitage in db below mean pawer
L_{dm} = median deviatian af average iagarithm in db belaw meon power

MONTH-HOUR VALUES OF RADIO NOISE

Station Boulder, Colorado Lat. 40.1N Long. 105.1W Month July 1962

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	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	166	2	4	10.0	15.5	143	4	2	7.5	11.0	121	5	4	7.0	12.0	103	4	4	6.0	11.0	75	4	4	5.0	8.0	62	8	4	3.5	7.5	48	6	14	2.0	5.0	24	4	2	*2.0	*3.0
01	164	4	2	10.0	15.5	142	5	3	7.0	11.0	121	4	7	8.0	13.0	103	4	6	7.0	16.5	75	4	6	3.5	7.0	62	5	5	5.5	8.0	46	5	12	*2.0	*3.5	24	2	2	2.0	3.5
02	164	2	4	9.5	16.0	141	4	5	6.5	13.0	119	6	8	7.0	17.0	101	4	6	6.5	12.5	73	4	4	3.5	11.0	60	8	4	5.0	8.0	44	6	11	2.0	4.0	24	2	2	*1.5	*3.5
03	162	4	2	10.0	17.5	139	6	4	7.0	12.0	116	7	7	9.0	17.0	97	8	13	8.5	15.5	73	4	6	4.0	10.0	60	7	6	4.0	6.5	40	8	8	4.0	5.5	24	2	2	*1.5	*3.0
04	162	3	5	11.0	18.0	137	4	6	9.0	11.5	111	7	10	10.0	18.0	84	13	9	8.0	19.0	67	5	5	4.0	12.0	56	6	4	4.0	7.0	40	5	4	*3.0	*5.0	24	1	2	*1.0	*3.0
05	162	3	5	11.0	18.0	135	6	7	8.0	12.0	109	8	10	14.0	18.5	77	14	8	9.0	17.5	53	7	6	*5.5	*9.5	52	6	4	2.0	10.5	40	6	2	3.5	5.0	24	2	2	*1.5	*2.5
06	160	4	5	11.0	17.5	133	4	6	7.0	10.0	109	7	7	14.5	20.0	75	12	10	*6.5	*8.0	47	4	4	*3.5	*7.0	48	4	6	4.0	8.0	38	7	2	*4.0	*6.0	24	4	2	3.0	4.0
07	160	4	4	*12.5	*18.0	132	5	7	*7.0	*10.5	109	6	17	12.0	19.0	75	12	8	12.0	15.5	45	2	2	1.0	*3.5	44	5	6	3.0	5.0	38	4	4	*5.0	*8.0	26	4	4	*2.5	*4.0
08	160	3	4	*11.0	*18.0	131	7	7	*7.0	*12.0	103	12	15	*9.0	*23.0	73	17	8	*4.0	*9.0	45	2	2	*2.0	*2.5	42	3	4	4.0	5.0	36	4	4	*5.0	*7.5	26	2	2	3.0	4.0
09	160	4	2	*12.0	*18.0	*133			*6.0	*11.0	106	9	13	10.0	19.0	77	13	10	8.0	15.5	45	2	2	*2.0	*3.5	40	2	4	*1.0	*3.0	36	3	4	5.5	8.0	26	4	4	*3.0	*7.5
10	162	4	4	*11.0	*14.5	135	4	5	7.0	12.0	107	9	11	9.5	18.0	83	13	11	*11.0	*19.5	47	4	3	*1.0	*2.5	40	5	2	2.0	3.0	36	6	2	5.0	9.0	28	2	4	*2.5	*4.5
11	164	4	4	10.0	15.0	139	11	6	8.0	12.0	112	15	9	9.5	16.5	97	17	15	12.0	19.0	49	23	4	*4.5	*6.0	44	20	6	*2.5	*4.5	38	12	3	3.5	9.0	29	6	3	4.0	6.0
12	168	4	4	8.0	15.0	143	10	8	7.0	13.0	120	14	11	10.0	16.0	106	14	17	12.5	17.5	62	16	14	*6.5	*10.0	50	16	10	*3.0	*6.5	40	16	4	4.5	7.0	30	10	5	4.0	6.0
13	170	4	4	8.5	13.5	145	10	6	7.0	12.0	125	10	10	10.0	13.0	109	12	14	9.0	16.5	64	17	15	*5.5	*11.0	51	16	9	*5.0	*8.0	44	11	5	2.5	9.0	30	10	4	4.0	6.5
14	172	4	6	8.0	13.0	147	10	6	7.5	12.0	127	9	8	9.0	12.5	113	8	15	11.0	17.0	69	16	16	*4.0	*14.0	54	18	10	*2.5	*10.0	46	10	4	3.0	5.0	32	8	6	5.0	7.5
15	171	3	3	8.0	13.0	149	6	6	7.5	13.5	128	8	7	7.5	14.0	111	8	8	9.0	16.0	71	9	16	*3.0	*13.5	56	10	9	*5.0	*8.5	48	5	4	2.0	5.0	32	5	6	*4.0	*7.5
16	170	5	2	7.5	13.0	149	5	6	7.5	12.5	127	7	6	7.0	15.0	111	7	8	8.0	18.0	69	9	12	*5.0	*11.0	58	5	8	4.0	7.0	50	3	4	2.0	4.0	32	5	6	5.0	7.5
17	170	5	3	7.5	13.5	149	4	6	8.5	13.0	127	7	6	8.0	13.0	110	7	5	9.0	16.0	67	9	6	7.0	12.0	60	4	7	3.5	6.0	52	4	2	2.0	4.0	30	8	2	2.5	5.5
18	170	4	3	7.5	13.5	149	4	7	7.5	13.0	128	7	7	9.0	12.5	109	10	13	7.5	13.5	69	12	8	4.0	7.5	62	7	5	3.5	5.5	54	6	4	2.0	3.5	30	9	4	3.5	5.5
19	170	2	4	8.0	13.5	149	2	7	7.0	12.0	127	7	6	8.0	11.5	109	8	14	7.0	11.0	71	9	9	4.0	6.0	64	6	4	3.0	5.5	54	6	2	2.0	4.0	30	6	6	2.0	4.0
20	168	4	2	8.5	13.5	149	4	6	7.5	12.0	127	6	6	6.5	13.0	107	5	8	5.0	9.5	77	3	4	3.0	6.0	68	2	5	3.0	7.0	54	5	4	*2.5	5.0	28	5	5	2.0	3.0
21	168	4	3	8.5	14.0	147	5	5	7.0	12.0	127	5	6	7.5	12.5	107	5	8	4.5	12.5	77	4	4	3.0	7.0	66	6	4	3.5	7.0	54	6	5	1.0	4.0	26	6	4	2.0	4.5
22	168	2	5	9.0	15.0	145	4	4	7.0	12.0	125	5	5	6.0	12.0	105	4	8	5.5	10.0	77	3	4	4.0	7.5	66	4	6	3.5	7.0	52	7	8	2.0	4.0	26	6	4	2.0	3.5
23	166	2	4	9.0	14.5	143	5	2	6.0	11.0	122	6	4	6.5	11.0	105	2	6	7.0	10.0	77	2	5	3.5	8.0	64	5	6	3.5	7.0	50	8	12	2.0	4.0	26	2	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

MONTH-HOUR VALUES OF RADIO NOISE

Station Boulder, Colorado Lat. 40.1N Long. 105.1W Month August 1962

Hour (LST)	.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	166	4	4	9.0	14.5	142	4	4	6.0	10.5	120	5	8	6.5	10.0	100	5	5	5.5	9.0	75	4	7	4.0	7.0	62	4	4	3.5	7.0	41	6	6	2.0	3.5	25	2	0	1.5	3.0
01	164	4	3	10.0	15.5	142	4	8	6.5	11.0	118	5	7	7.0	10.5	100	6	4	5.0	10.5	73	5	7	3.0	7.0	62	4	4	4.0	7.0	37	9	4	2.5	5.0	25	2	2	*1.0	*2.5
02	164	4	3	10.5	16.0	141	5	6	7.0	10.5	118	4	6	9.0	12.0	100	4	6	5.0	11.5	73	4	7	4.5	7.5	62	2	4	3.0	6.5	38	9	6	4.0	6.0	25	2	2	1.5	3.0
03	164	4	4	11.0	17.5	140	6	6	8.0	11.0	116	6	4	9.0	12.5	98	4	6	6.0	11.5	71	6	5	3.5	7.5	60	4	3	3.0	6.5	37	10	6	3.0	4.5	25	1	2	1.5	3.0
04	164	2	4	11.0	17.5	138	4	2	9.5	12.0	112	5	9	7.5	14.0	97	6	13	10.0	16.5	69	6	6	4.0	8.5	60	4	4	4.0	7.0	39	6	6	2.0	3.5	25	0	2	1.5	3.0
05	162	5	4	11.5	19.0	134	6	6	7.5	12.0	106	8	14	12.0	19.5	72	13	8	5.0	8.0	57	11	4	4.5	7.5	58	2	5	3.0	7.5	43	4	4	3.0	5.5	24	1	1	1.0	2.0
06	162	4	4	13.0	19.5	133	5	5	7.0	12.0	104	10	18	12.0	20.0	68	16	4	3.5	6.5	52	5	8	2.5	4.5	52	5	6	5.5	9.5	43	4	4	4.0	6.5	25	2	2	1.5	3.0
07	162	2	4	10.5	19.0	132	6	6	8.5	13.0	100	14	16	15.0	20.0	68	15	4	*6.5	*21.5	50	5	6	1.5	3.0	46	6	4	2.5	4.5	42	3	5	3.5	5.5	25	4	2	2.0	3.0
08	162	2	4	10.0	19.0	132	6	6	6.5	10.5	101	11	17	11.5	15.0	70	14	6	4.5	4.5	51	2	8	1.0	3.0	45	5	5	3.0	5.0	39	6	4	4.0	7.0	25	6	2	1.0	3.0
09	162	2	4	10.5	19.0	132	5	4	9.0	16.0	96	15	13	12.0	16.0	66	15	2	*2.5	*4.0	51	4	8	*1.5	*3.5	44	4	4	3.0	4.0	37	6	4	4.0	6.0	25	12	2	1.0	3.0
10	162	2	2	10.0	18.0	133	3	3	9.5	16.0	102	10	16	10.5	16.0	72	16	8	*11.0	*14.5	51	6	8	2.0	4.5	44	2	4	2.5	3.5	39	4	6	3.5	6.0	27	10	4	2.5	5.0
11	164	4	6	8.0	17.0	136	4	6	*9.5	*15.5	105	6	13	*9.0	*14.5	81	27	17	*13.0	*23.5	51	24	6	*9.0	*11.5	46	8	4	4.0	6.0	39	8	6	4.0	6.0	27	11	2	3.0	4.5
12	166	4	6	7.0	14.5	140	8	10	6.5	11.0	112	16	20	9.5	16.5	95	15	29	9.0	22.5	55	22	8	4.5	7.0	48	17	8	3.5	5.0	41	8	4	4.0	6.0	29	8	4	5.0	6.5
13	167	3	5	7.0	13.0	142	8	10	7.0	12.0	116	12	22	8.5	17.0	105	9	35	7.5	18.5	59	16	12	8.0	11.0	52	10	12	3.0	5.0	43	10	4	3.0	6.0	31	6	6	3.0	4.5
14	168	4	6	6.0	12.0	144	8	10	7.0	11.5	120	10	26	7.5	14.0	96	18	26	6.0	16.0	57	18	10	2.0	4.0	52	16	8	3.0	4.5	45	4	4	3.5	6.0	29	10	2	3.0	4.0
15	170	4	6	7.0	11.5	144	6	8	7.0	12.0	122	8	27	8.0	15.0	104	10	30	8.0	16.0	59	18	10	3.0	6.0	56	6	10	4.0	6.5	47	6	5	2.0	4.0	31	6	4	3.0	5.0
16	168	4	2	8.0	11.0	144	6	6	7.0	10.0	120	10	8	7.0	12.5	102	10	26	8.0	14.0	65	8	15	5.0	10.0	56	10	8	3.5	6.0	49	4	2	2.0	4.0	31	6	4	3.5	6.5
17	170	2	6	7.0	11.5	146	6	10	6.0	11.0	124	6	13	6.5	12.0	100	10	14	8.0	15.5	63	9	11	5.0	8.0	60	5	7	3.0	6.0	53	4	4	2.0	4.0	31	6	4	3.0	5.0
18	168	4	4	8.0	11.5	144	6	6	7.0	12.0	122	8	9	7.0	11.5	100	6	14	*7.5	*14.0	67	6	11	3.5	7.0	64	3	6	2.0	5.0	53	4	2	1.0	3.0	29	6	2	3.0	4.5
19	168	2	4	8.5	14.0	144	4	8	6.5	10.0	122	6	8	5.0	11.5	102	4	8	4.5	9.0	72	5	6	2.0	4.5	67	3	5	2.5	5.5	55	2	4	1.5	4.0	27	6	2	2.0	3.5
20	167	4	3	8.5	14.5	144	6	6	6.5	11.5	122	6	10	7.0	12.0	102	6	8	5.0	9.0	76	3	5	2.0	6.0	68	2	6	1.0	5.5	55	4	6	1.5	4.0	27	4	2	3.0	3.5
21	166	5	2	9.5	14.5	144	6	6	6.5	11.0	122	6	8	5.5	11.0	102	6	5	4.5	8.0	75	4	5	3.0	6.0	67	3	7	3.0	6.5	57	6	7	2.0	4.0	26	4	1	3.0	4.0
22	168	4	5	8.0	14.0	146	2	8	6.0	11.0	122	7	10	6.0	9.5	102	7	6	4.5	8.0	75	4	6	2.5	6.0	66	4	7	3.0	6.5	48	5	9	2.0	4.0	25	3	0	2.0	3.5
23	166	4	4	9.5	14.0	143	6	5	6.0	11.0	119	8	8	5.5	9.0	102	5	9	5.0	8.0	75	2	5	3.0	7.0	64	2	5	4.0	7.5	46	7	9	2.0	4.0	25	2	1	2.0	3.0

Frequency (Mc)

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 Byrd Station, Ant. Lat. 80 0S Long. 120 0W Month July 19 62

Hour (LST)	Frequency (Mc) .051 F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}	113 F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}	246 F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}	.545 F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}	2.5 F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}	5 F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}	10 F_{am}*	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}
00	102					88					72					57					20					22					27									
01	103					88					69					56					19					21					29									
02	102					87					69					57					22					29					33									
03	102					86					69					55					22					27					34									
04	102					86					72					55					22					20					26									
05	102					84					74					56					22					18					28									
06	102					86					69					56					20					24					25									
07	103					86					70					59					22					25					26									
08	103					86					70					57					23					25					25									
09	103					86					70					57					23					25					25									
10	102					84					70					55					21					24					23									
11	103					86					72					58					22					21					23									
12	102					86					71					62					23					27					26									
13	102					86					70					56					21					30					27									
14	101					86					69					55					22					30					27									
15	101					86					74					59					22					29					26									
16	102					87					75					60					23					33					23									
17	102					87					72					53					19					26					25									
18	102					86					70					55					24					31					24									
19	100					86					70					55					23					24					23									
20	99					87					70					58					24					29					25									
21	100					86					70					56					24					28					24									
22	100					86					70					56					23					29					22									
23	100					87					71					53					21					28					24									

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

USCOMM-NBS-BL

RN-13

MONTH-HOUR VALUES OF RADIO NOISE

Station Byrd Station, Ant. Lat. 80.0S Long. 120.0W Month August 1962

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	107	5	4			87	8	5			68	7	0			47	8	4			23	14	0			31	10	8			25	5	4			24	3	2		
01	107	6	4			89	8	8			68	8	0			47	8	4			23	16	1			29	9	10			26	2	6			24	4	2		
02	107	6	4			88	7	6			69	5	1			47	8	4			23	19	1			32	8	13			25	5	7			24	1	2		
03	108	6	6			89	6	8			67	7	0			50	4	7			25	15	3			33	7	11			24	6	8			24	2	2		
04	109	6	5			89	8	6			72	6	3			53	6	5			25	10	3			31	12	10			24	6	8			24	2	2		
05	108	7	3			89	7	6			72	8	4			51	4	6			24	8	2			29	15	13			22	7	11			23	4	1		
06	109	4	6			89	7	6			68	9	0			47	7	3			23	8	1			27	13	12			26	3	15			24	3	2		
07	109	6	8			91	6	8			68	6	0			47	7	4			23	6	1			32	13	16			24	6	10			24	4	2		
08	109	6	8			89	7	7			68	8	0			47	7	4			25	8	2			31	10	15			22	8	8			24	2	2		
09	107	9	6			89	8	7			68	6	0			49	5	5			23	9	0			27	14	11			24	6	8			24	2	2		
10	109	4	7			91	6	7			68	6	0			47	8	3			23	13	0			27	13	9			26	4	6			24	2	2		
11	109	4	8			91	4	8			68	4	0			47	8	4			24	10	1			29	13	11			24	6	2			24	2	2		
12	110	2	10			89	6	6			70	2	2			47	10	4			23	15	0			30	15	9			26	4	4			24	2	2		
13	108	5	7			87	6	6			70	2	2			45	8	2			23	11	0			31	10	19			26	4	4			24	2	2		
14	109	6	6			87	8	4			70	4	2			47	3	4			23	12	0			33	8	8			26	4	2			24	2	2		
15	109	6	8			88	5	7			73	3	5			53	2	6			23	14	0			35	8	4			28	2	4			24	2	2		
16	109	4	8			89	6	4			76	2	6			53	2	4			24	9	2			38	8	6			28	2	4			24	2	2		
17	107	4	4			89	5	7			70	9	2			51	4	8			23	11	1			37	6	8			28	2	5			24	2	2		
18	107	4	4			89	4	8			70	5	2			47	6	4			23	9	2			37	4	11			26	3	3			24	2	2		
19	107	8	6			89	4	9			70	4	2			47	6	4			24	2	3			33	9	15			24	4	8			24	2	2		
20	107	4	4			89	4	8			68	6	0			47	6	4			23	2	2			35	6	12			26	4	6			24	2	2		
21	107	6	4			89	4	8			70	6	2			47	6	4			23	2	2			35	4	12			24	6	4			24	2	2		
22	107	10	4			89	6	6			70	10	0			47	8	4			23	10	2			31	10	12			26	4	6			24	2	2		
23	107	6	1			89	4	6			70	6	0			47	8	4			23	9	1			31	12	11			27	3	10			24	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 Cook, Australia Lat. 30.6S Long. 130.4E Month June 19 62

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.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	157	2	2	8.5	13.0	130	4	2	9.5	14.5	102	7	2	8.5	14.5	84	6	4	8.0	13.0	58	5	5	5.5	9.0	52	6	2	5.5	8.5	39	4	5	*3.5	*6.0	23	0	0		
01	157	2	2	8.0	12.0	130	2	3	9.0	13.5	104	4	4	7.5	13.5	84	4	4	7.0	12.5	58	4	4	6.0	9.0	52	5	2	4.5	8.0	37	4	4	*4.5	*7.5	23	0	0		
02	157	2	2	8.0	12.0	130	2	2	8.5	13.5	102	5	2	8.5	14.0	84	5	4	7.5	13.0	58	5	4	6.0	10.0	52	5	2	5.0	8.0	37	4	4	*3.5	*5.5	23	0	0		
03	157	1	2	8.0	13.0	130	2	2	9.0	14.0	102	5	3	7.5	12.5	82	7	4	7.0	12.0	56	8	2	6.0	9.5	52	5	3	4.0	7.0	36	5	3	*3.5	*5.0	23	0	0		
04	157	2	2	8.0	13.0	130	2	4	8.0	13.0	103	4	5	7.5	13.5	84	4	6	6.5	12.5	56	8	2	6.0	10.0	52	5	4	*4.5	*7.0	37	4	4	3.5	6.0	23	0	0		
05	157	1	2	9.0	13.0	128	4	2	8.0	13.0	102	5	4	8.5	13.5	80	7	5	7.0	12.0	56	8	4	6.0	10.0	52	5	4	*3.5	*5.5	35	4	4	*4.0	*6.0	23	0	0		
06	157	2	4	8.5	13.5	126	6	4	9.0	13.5	100	6	2	8.5	13.5	70	6	8	*9.0	*14.5	54	8	4	6.5	11.5	52	5	6	4.5	8.5	35	4	4	4.5	6.0	23	0	2		
07	155	4	2	8.5	13.0	120	2	6	*8.5	*14.0	76	10	8	*6.0	*10.0	42	6	2	*2.5	*4.0	48	6	7	*6.5	*10.0	48	4	4	5.0	8.0	37	4	4	*3.5	*6.0	23	0	2		
08	153	1	4	8.5	13.0	112	5	5	8.5	14.0	64	24	5	*9.5	*16.5	42	8	2	*4.0	*5.5	26	12	4	*5.5	*8.5	34	5	4	6.5	9.0	33	6	2	4.5	7.5	23	0	2	2.5	3.5
09	153	2	5	10.0	15.0	104	8	6	*10.5	*18.0	65	12	7	*8.0	*10.5	42	4	2	*3.5	*5.5	20	10	2	*4.5	*6.0	23	8	5	*6.0	*8.5	29	4	3	*4.5	*6.5	22	1	1	2.5	3.5
10	152	3	3	11.5	17.0	104	8	4	*11.5	*17.5	67	14	8	*9.0	*13.0	46	9	6	*3.0	*5.5	18	6	0	*4.0	*7.0	18	10	2	*7.0	*13.0	27	8	2	*4.0	*5.5	23	2	2	3.0	5.0
11	153	2	4	12.0	18.0	106	9	5	*14.0	*22.0	66	13	4	*6.0	*8.0	52	3	6	*2.5	*4.0	19	6	1	*4.0	*6.5	20	10	6	*4.0	*6.0	25	12	2	*5.5	*7.5	21	2	0	3.0	5.0
12	151	4	2	13.5	20.0	107	12	9	*13.5	*21.5	68	10	6	*10.5	*14.5	52	5	10	*2.5	*4.5	18	6	0	*4.0	*5.0	18	9	4	*6.0	*8.0	25	14	2	*5.0	*7.0	21	2	0	3.0	5.0
13	151	6	2	13.0	19.5	108	9	8	*11.0	*18.0	66	24	4	7.5	12.0	50	4	10	*3.0	*5.0	18	8	0	*4.0	*5.0	18	9	2	*3.5	*5.0	27	12	2	*2.5	*4.0	23	0	2	2.5	4.0
14	153	2	4	11.5	18.0	112	15	7	11.0	17.5	69	15	10	*5.0	*7.0	42	12	2	*4.5	*7.5	19	9	1	*6.0	*8.5	18	12	2	*6.5	*8.5	31	5	2	*4.0	*6.0	23	2	2	2.5	4.0
15	153	2	4	*10.0	*15.0	110	12	4	*10.0	*16.0	65	21	7	*10.5	*13.0	42	8	2	*3.0	*4.0	*21					20	15	2			37	6	4	*3.0	*4.5	23	3	1	2.5	4.0
16	153	2	2	9.0	15.0	110	8	4	10.0	15.5	72	14	10	9.5	13.5	58	12	9	*7.5	*14.5	26	16	4	*5.5	*8.5	34	6	8	4.5	7.0	41	4	4	3.0	5.5	23	4	0	3.0	5.0
17	153	2	4	8.5	14.0	112	12	8	11.5	17.0	84	16	8	*14.0	*23.0	72	10	11	*7.0	*13.0	38	11	7	6.5	9.5	42	7	6	*5.5	*8.5	41	7	4	3.5	5.5	23	2	0	3.5	5.0
18	153	3	2	9.5	15.0	118	8	6	12.0	18.0	92	12	6	10.5	19.5	76	12	4	*8.5	*13.0	48	13	7	7.0	11.0	46	11	6	5.5	9.0	41	2	4	4.0	5.5	23	0	2		
19	153	4	1	9.0	14.0	120	6	7	11.0	18.5	96	9	6	11.5	19.0	80	9	5	*5.0	*9.0	52	12	7	*7.0	*11.5	49	11	5	5.0	8.0	40	4	3	3.5	5.5	23	0	0		
20	155	4	2	10.0	15.5	122	4	4	9.5	16.5	98	6	4	8.5	15.0	82	5	3	5.0	10.0	54	13	5	5.0	8.0	52	9	4	5.5	9.0	39	4	2	3.5	6.0	23	0	0	5.5	6.0
21	157	1	2	9.0	14.5	124	3	2	10.0	16.5	100	7	5	8.5	15.0	84	6	6	6.5	12.0	56	4	4	5.0	9.5	54	5	2	6.0	9.5	40	4	4	4.0	7.0	23	0	1		
22	155	4	0	8.5	13.5	124	6	2	11.0	17.0	102	4	6	8.5	14.0	84	5	5	7.0	13.0	56	8	2	5.5	9.5	52	6	4	*5.0	*9.0	41	5	6	3.0	7.0	23	0	2		
23	157	2	2	9.0	13.0	126	6	4	10.5	17.0	102	4	4	8.0	15.0	84	5	5	7.5	12.0	58	5	4	5.5	9.0	52	6	4	5.5	9.0	39	4	4	*4.0	6.0	23	0	2		

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 Cook, Australia Lat. 30.6S Long. 130.4E Month July 1962

Hour (LST)	Frequency (Mc)																																	
	.013					.051					.160					.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
00	154	1	2	6.5	10.5	122	4	6	9.0	15.0	98	6	9	7.0	13.0	78	9	11	5.0	10.0	44	11	3	*6.0	*8.5	49	4	2	4.5	7.0	38	6	2	*4.0	*6.5	24	0	2		
01	154	1	2	6.5	10.5	122	4	5	8.0	12.5	98	6	9	*7.0	*12.0	78	9	11	7.0	12.5	44	8	2	5.0	8.0	49	4	4	*4.5	*7.0	38	6	4	4.0	6.5	24	0	0		
02	154	1	2	7.5	11.5	122	4	4	8.0	13.0	96	7	7	7.0	12.0	78	5	11	6.0	10.5	46	7	5	6.0	9.5	49	7	4	4.5	7.5	38	4	4	*4.5	*7.0	24	0	0		
03	154	2	2	8.0	11.0	124	2	6	7.5	12.5	98	4	11	7.0	12.5	78	9	10	*7.5	*14.0	44	6	4	5.0	9.5	49	9	2	4.0	6.5	36	4	3	*3.5	*5.0	24	0	0		
04	154	1	2	7.0	12.0	124	3	7	8.5	14.0	98	4	10	8.5	14.0	80	8	9	*6.5	*11.0	44	4	5	*4.0	*8.0	49	12	4	*2.5	*5.0	34	5	2	*3.5	*6.0	24	0	2	2.5	3.5
05	154	2	2	8.0	12.0	124	2	7	8.5	14.0	96	7	8	8.5	14.0	78	5	6	*6.5	*11.5	42	7	4	*5.5	*9.0	49	7	5	*5.0	*8.5	32	6	2	3.0	4.0	22	2	0		
06	154	0	2	7.5	12.0	122	2	6	7.5	12.0	94	5	8	9.0	16.0	68	10	13	*4.5	*7.5	38	9	3	*6.0	*10.5	47	5	4	5.0	7.0	32	7	2	*3.0	*5.0	22	1	0		
07	154	2	4	8.0	12.0	116	4	4	8.0	12.5	74	8	10	*7.0	*13.0	46	15	4	3.5	5.0	34	6	9	*5.0	*8.0	43	6	4	5.0	7.5	34	10	2	*3.0	*4.5	22	1	0	2.5	4.0
08	150	2	2	8.0	12.0	110	4	3	*8.0	*13.0	64	6	6	*5.5	*7.0	46	8	4	*3.0	*3.5	14	6	6	*8.0	*12.5	29	6	5	*4.5	*7.0	32	7	3	*3.0	*4.5	22	2	0		
09	148	2	2	9.0	13.5	106	5	4	*10.0	*15.0	62	6	6	*5.0	*7.0	44	12	4	*4.0	*6.0	10	8	2	*4.0	*5.5	19	9	4	*7.0	*12.5	28	3	2	*3.5	*5.0	22	2	2	3.0	4.5
10	148	4	2	10.0	15.0	106	8	4	*12.5	*19.5	60	20	4	*5.0	*7.0	48	17	6	*2.5	*3.5	10	10	2	*8.0	*12.5	19	10	6	*3.0	*4.0	26	4	0	*3.0	*4.5	24	.0	2	2.5	5.0
11	148	4	2	11.0	17.5	106	6	4	12.0	19.0	62	14	4	*3.5	*5.0	52	12	6	*3.0	*5.0	10	7	2	*3.0	*5.0	19	12	6	*3.0	*5.0	26	4	2	*2.5	*8.5	24	6	2	3.0	5.0
12	148	2	4	10.5	15.0	108	4	6	*13.0	19.0	64	7	4	*4.5	*7.5	52	4	6	*3.0	*5.0	10	9	2	*3.5	*6.0	19	9	5	*5.0	*7.0	26	2	2	*3.0	*3.5	24	2	2	3.0	4.5
13	148	2	2	10.5	*17.0	108	4	4	*11.0	*17.5	64	4	4	*6.5	*8.5	52	4	10	*4.5	*6.5	10	8	2	*8.0	*10.0	17	8	2			26	4	0	*3.0	*4.0	24	2	2		
14	148	3	3	*12.0	*18.0	108	6	5	*13.0	*19.0	60	13	4			44	12	4	*2.5	*5.0	12	10	4	*2.5	*4.0	19	9	5	*3.0	*4.0	30	5	2	*4.5	*6.0	*24			3.0	6.5
15	148	4	2	*9.0	*14.5	106	14	5	*10.0	*16.0	62	29	6	*2.5	*4.5	44	18	2	*2.5	*4.0	12	10	4			21	20	5	*13.5	*17.5	38	2	5	*3.0	*5.0	24	1	2	2.5	3.5
16	150	2	4	8.0	13.0	106	14	4	*10.0	*16.0	68	18	10	*11.5	*17.0	54	10	12			14	14	4	*10.0	*14.5	29	18	4	*9.0	*13.0	40	6	6	3.0	5.0	24	4	2	3.0	4.5
17	150	2	4	*8.5	*13.0	108	20	6	11.0	15.0	76	22	15			70	16	20	*6.0	*11.0	22	24	8	*9.0	*16.0	37	20	4	*10.0	*14.5	42	7	3	*3.5	*5.0	24	1	0	3.5	7.0
18	148	4	2	*8.0	*12.5	110	14	6	10.0	16.0	84	20	12	*14.0	*23.0	76	13	12	*6.0	*12.5	32	16	24	*6.0	9.5	45	13	8	9.5	14.0	40	12	4	3.0	5.0	24	0	2	4.0	6.5
19	154	4	2	8.0	11.5	114	16	4	11.0	18.0	88	17	11	*11.0	*17.0	76	19	7	*8.0	*14.0	38	21	8	8.5	16.0	47	13	4	*4.0	*7.0	42	10	4	3.0	5.0	24	0	2	2.5	3.0
20	154	4	2	*7.0	*11.5	120	9	6	9.0	15.0	92	14	7	*9.0	*15.5	78	12	7	*6.5	*11.5	40	15	6	6.0	11.0	49	10	2	*4.0	*6.5	38	8	2	*3.5	*6.5	24	0	2	2.5	3.0
21	154	4	0	7.5	11.0	120	7	5	9.0	15.0	94	10	9	9.0	15.0	80	12	6	*5.5	*9.5	42	17	4	*6.0	*9.0	53	6	4	*5.5	*11.0	40	6	4	*2.5	*5.0	24	0	2	5.5	8.0
22	154	2	2	7.5	12.0	120	8	4	*9.5	*15.0	98	9	10	*8.5	*15.0	78	13	12	*7.0	*12.0	42	16	2	8.0	11.0	51	9	7	4.5	6.5	40	2	4	*4.5	*7.0	24	0	2	2.5	3.0
23	154	0	2	6.5	11.0	120	8	5	9.0	14.0	96	8	7	8.5	15.0	78	11	7	*6.0	*12.0	44	15	2	5.0	8.0	49	6	3	*4.0	*6.5	40	5	4	*4.0	*6.0	24	0	2	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

MONTH-HOUR VALUES OF RADIO NOISE

Station Cook, Australia Lat. 30.6S Long. 130.4E Month August 19 62

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.545					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	2	2	8.0	12.0	125	4	4	10.5	16.0	102	7	3	8.5	15.5	82	5	5	7.5	14.0	55	7	4	6.5	11.5	51	9	4	5.5	9.0	38	3	4	3.0	5.0	23	0	1		
01	154	3	2	8.0	12.0	125	4	3	8.5	14.0	104	5	5	8.0	15.0	82	6	5	7.0	15.0	55	6	4	6.0	10.5	51	8	6	6.0	8.5	37	7	4	4.0	5.0	23	0	1		
02	154	3	2	9.0	14.0	127	2	3	9.5	14.5	104	4	4	8.0	15.0	82	4	7	6.5	15.0	55	5	4	5.0	9.0	51	4	6	5.0	7.0	36	8	5	3.0	5.5	23	0	2		
03	154	1	2	9.5	14.5	127	2	4	8.5	14.0	104	4	6	8.0	14.0	82	2	5	7.0	13.0	55	4	6	5.0	9.5	51	4	7	4.0	7.0	36	5	8	3.5	5.5	21	2	0	2.5	4.5
04	154	2	2	9.0	14.0	127	2	3	10.5	16.0	102	6	2	8.0	15.0	80	8	3	7.0	13.0	53	6	4	6.0	10.5	51	3	4	4.5	8.5	34	8	8	3.5	6.5	21	2	0	5.0	8.0
05	154	2	3	8.5	13.5	126	3	4	8.0	13.5	99	7	3	8.5	14.5	79	6	6	5.5	11.0	51	6	5	6.0	10.0	51	4	8	4.5	7.0	33	6	4	2.5	4.0	21	0	1	5.0	8.0
06	152	2	0	8.0	13.0	124	4	3	8.0	13.5	96	6	8	10.0	16.5	66	9	15	5.5	9.5	45	7	4	5.5	8.5	47	4	5	4.5	8.5	33	5	2	4.0	5.0	21	0	0		
07	150	3	3	9.0	14.5	117	3	3	7.0	12.0	74	8	8	8.5	13.0	42	7	4	5.0	6.5	33	9	11	6.0	10.0	43	4	6	5.0	8.0	34	5	4	3.0	6.0	21	2	1	2.5	4.0
08	148	3	2	9.5	14.5	111	2	4	10.5	15.0	65	7	7	7.0	10.0	41	6	3	6.0	8.0	20	10	3	3.0	6.0	29	4	8	4.0	6.0	30	4	6	2.5	4.0	21	2	1		
09	148	3	2	10.5	15.5	105	6	4	11.5	17.0	61	12	3	12.0	16.0	40	10	2	3.0	5.0	17	5	0	4.5	6.0	22	11	9	4.0	6.5	26	5	10	2.5	5.5	21	0	1		
10	148	4	3	13.0	18.0	105	5	6	16.0	22.5	62	15	4	4.0	5.0	46	7	8	3.0	4.5	18	10	1	5.0	6.0	17	12	6	3.5	4.5	24	7	15	3.5	6.5	21	4	3	4.5	6.5
11	148	3	4	14.0	19.0	109	6	6	15.0	23.0	62	14	2	7.5	10.5	48	9	7	5.0	8.5	21	4	4	4.5	5.5	19	15	8	4.5	6.5	24	6	9	3.0	4.5	21	2	1	3.0	4.5
12	148	2	3	13.5	19.0	109	6	5	15.0	21.5	64	6	2	4.0	4.5	50	6	3	3.0	5.5	19	6	2	3.5	6.0	17	11	6	3.5	6.0	24	7	14	2.5	4.0	21	2	2	2.5	4.0
13	148	4	3	14.5	20.5	109	6	6	13.5	20.5	64	14	4	11.0	14.0	53					17	11	0	4.0	6.0	19	8	6	4.0	5.5	25			3.0	4.0	21				
14	149			12.5	18.0	109			13.5	20.0	66					48			2.5	4.5	18			3.5	4.5	19			6.0	8.0	28			4.5	7.0	21			2.5	3.5
15	150			10.5	16.5	107			9.5	15.0	70	12	10			46	16	6			21			6.0	8.0	19					34	3	17	4.0	6.5	23	0	2	3.5	4.0
16	151	1	3	9.0	13.5	108	7	4	10.0	17.0	74	13	10	10.0	16.5	53	7	10	5.0	9.5	25	12	8	7.0	10.0	31	4	8	7.0	10.0	39	3	6	4.0	6.5	23	2	1	2.5	3.5
17	150	2	2	8.5	13.0	111	6	8	10.0	15.5	82	14	8	13.5	21.5	72	4	6	6.5	13.5	33	15	8	9.0	15.5	42	7	7	7.5	11.5	41	2	4	4.0	6.0	23	2	2	4.0	7.0
18	150	3	4	8.0	13.0	115	6	6	10.5	18.5	92	10	8	13.0	20.0	75	9	4	5.0	11.5	46	13	8	8.0	13.0	47	7	7	6.5	11.5	40	4	5	3.0	5.0	23	0	2	2.5	3.5
19	152	2	4	10.0	14.5	118	7	5	11.5	18.0	94	9	6	10.0	17.5	80	8	6	5.5	9.0	49	14	6	7.0	11.0	51	5	6	6.0	10.0	41	5	5	3.0	5.0	23	1	2	2.5	4.0
20	152	4	2	9.0	14.0	122	3	4	9.0	16.0	96	9	4	10.0	17.0	81	9	3	8.0	8.5	53	5	6	5.0	8.0	52	7	5	5.5	9.0	40	4	5	4.0	6.0	23	0	3	2.5	3.0
21	152	4	4	9.0	13.5	123	4	5	11.0	17.5	99	7	5	9.5	17.0	82	5	2	5.5	11.5	54	8	5	7.0	10.5	57	4	8	6.0	11.5	39	6	2	4.0	7.0	23	1	2	2.5	3.0
22	154	2	3	9.0	12.5	123	4	4	10.5	16.0	100	7	2	8.0	14.5	82	4	6	8.0	15.0	53	9	3	6.5	10.0	51	8	5	6.0	10.0	40	5	4	3.0	6.5	23	0	2		
23	154	2	2	8.0	12.0	125	3	3	10.5	16.0	102	5	4	9.0	17.0	82	5	5	7.0	13.0	56	7	5	6.0	10.0	51	6	4	5.0	9.0	39	3	4	4.5	6.5	23	0	1	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

MONTH-HOUR VALUES OF RADIO NOISE

Station Enkoping, Sweden Lat. 59.5N Long. 17.3E Month June 19 62

Hour (LST)	Frequency (Mc)																																					
	.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	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm
00	154	4	4	8.0	14.0	128	8	10	9.0	15.0	106	4	2	*5.5	*9.5	80	9	11	*2.0	*4.0	65	6	9	4.5	10.5	60	6	4	2.5	6.0	49	6	4	2.5	5.0	18	2	4	1.5	3.0
01	154	4	4	9.0	15.0	124	10	8	9.5	15.0	108	6	4	*2.0	*6.0	73	10	10	6.5	9.5	63	4	8	6.5	12.0	59	3	7	*3.5	*7.5	50	3	7	2.5	5.5	18	2	4	2.0	3.5
02	154	4	4	9.5	15.5	120	8	6	10.0	16.0	104	4	8	*4.5	*10.0	69	7	7	*4.5	*8.0	61	14	10	6.5	9.0	54	6	2	*5.5	*9.0	49	6	4	3.0	5.0	18	2	4	0.5	2.0
03	152	4	2	9.5	15.5	120	4	10	9.5	15.0	84	15	6	*7.0	*12.5	52	10	3	2.0	*4.0	*53			6.0	10.0	51	7	3	*5.0	*7.5	49	4	7	3.0	5.5	18	2	4	1.5	3.0
04	152	2	2	9.5	15.5	116	8	12	*11.0	*18.5	78	13	4	*9.5	*13.5	53	10	4	3.0	*6.0	*41			5.0	7.5	44	8	4	*3.0	*6.0	47	6	4	*3.0	*5.0	17	3	3	1.0	2.5
05	150	4	2	9.5	15.5	114	9	11	*12.5	*19.0	80	18	4	*5.0	*9.0	51	4	2	3.0	*5.0	*35			8.0	16.0	40	8	8	*5.0	*9.0	46	6	4	*2.5	*4.5	18	2	2	2.0	3.5
06	150	4	2	10.0	16.0	110	14	7	13.0	19.5	83	10	5	*3.0	*6.5	51	4	2	3.0	*5.0	*31			6.0	9.0	38	3	4	*3.0	*5.5	*45			*3.5	*6.5	18	4	4	2.0	3.5
07	150	4	4	*10.5	*16.0	114	7	7	*13.5	*21.0	78	6	2	*8.0	*9.5	53	4	4	3.0	5.0	*35					36	7	4	*3.0	*6.0	41	4	2	*5.0	*8.0	18	4	2	2.0	3.5
08	150	4	0	11.0	17.0	118	5	6	*10.0	*16.0	82	10	5	*8.0	*12.5	53	2	4	*2.0	*4.0	*32			5.0	9.0	34	3	5	*4.0	*7.0	41	4	6			18	6	2	2.5	5.0
09	152	4	2	11.0	17.0	120	5	5	11.5	19.0	86	6	4	*5.0	*7.5	*53			*2.0	*4.5	35	4	4	5.5	9.5	35	7	5	*5.5	*7.0	*40			*6.0	*9.5	20	4	4	2.5	5.0
10	154	5	3	8.5	14.0	122	7	8	*14.0	*22.0	89	13	6	*10.5	*16.0	57	14	6	*3.5	*6.0	34	3	5	8.0	12.0	32	8	4	*5.0	*8.0	*44			*7.5	*12.5	20	5	4	2.0	3.5
11	158	2	6	*12.0	*18.5	128	4	10	11.0	19.5	*93			*5.5	*9.5	53	22	2	*4.0	*6.0	33	5	4	5.0	8.5	*32			*5.5	*8.0	*45			*7.5	*12.5	20	2	4	*2.5	*5.0
12	158	3	6	10.0	16.0	126	6	7	10.0	17.5	92	12	8	5.0	8.5	55	23	4	*5.0	*7.0	*34					*36			*2.5	*6.0	*42					19	3	1	2.5	5.0
13	160	2	6	9.5	16.0	130	4	11	10.0	16.5	92	12	10	*6.0	*11.0	55	21	4	*9.0	*7.5	*34			9.0	12.5	*34			*9.0	*13.0	*41			*4.0	*8.0	19	3	4	*2.0	*4.0
14	160	2	6	9.0	15.0	130	2	12	11.5	18.5	92	12	10	*7.5	*14.0	55	18	3	*14.0	*21.0	33	4	2	5.0	9.0	36	8	6	7.0	11.0	47	8	4	*3.0	*7.0	18	2	2	1.5	3.5
15	160	4	8	8.5	15.0	130	2	10	9.0	15.0	94	10	12	*8.0	*14.5	55	16	5	*2.0	*3.5	34	7	3	5.0	8.0	40	4	7	*7.0	*12.5	47	4	6	*6.0	*9.0	19	7	3	2.0	4.5
16	158	4	6	9.0	14.0	128	4	10	7.5	15.0	92	6	10	5.5	10.5	55	14	4	*5.0	*8.0	35	9	5	5.5	10.5	42	5	7	6.0	10.0	49	5	4	*5.5	*10.5	20	6	4	3.0	5.0
17	158	4	4	9.0	14.0	126	6	6	10.0	17.0	92	12	10	7.0	13.5	55	12	2	2.5	5.5	39	6	9	5.0	11.0	46	2	8	*3.5	*7.0	49	8	6	*6.0	*14.0	22	4	4	3.5	6.0
18	156	4	4	9.0	14.5	125	5	9	9.5	16.5	90	12	12	9.5	13.0	59	8	4	3.0	4.5	43	6	6	2.5	5.5	49	3	6	4.0	7.5	*48			*6.0	*8.5	22	8	4	2.0	4.0
19	154	6	4	9.0	14.0	124	6	8	11.0	16.0	88	9	6	*5.5	*9.0	61	10	4	*3.0	*5.0	47	8	6	3.0	6.0	52	8	6	3.0	7.0	51	4	4	*4.5	*8.5	22	4	4	2.5	4.0
20	154	4	4	7.0	12.5	121	7	9	9.5	16.0	94	10	10	*5.0	*9.0	69	9	4	*2.5	*3.5	*52			4.0	8.0	56	5	4	*4.0	*4.5	51	18	6	*5.0	*11.5	20	4	2	2.5	4.0
21	154	6	4	7.0	13.0	124	8	10	*8.5	*13.5	102	6	14	8.0	13.5	78	10	11	*3.5	*7.0	61	10	8	4.0	7.5	61	5	7	2.5	5.0	55	14	9	*4.0	*10.5	20	2	4	1.5	3.0
22	156	4	6	10.0	15.5	130	2	12	10.0	16.0	104	6	6	*5.0	*9.0	81	8	10	*4.0	*5.0	65	5	6	6.0	10.0	60	6	4	3.5	7.0	49	26	4	*4.0	*11.5	18	2	2	1.5	3.5
23	154	6	4	8.0	13.0	130	4	12	8.5	14.5	108	6	6	*4.5	*8.5	79	10	10	*2.0	*4.0	63	9	7	7.0	12.0	60	6	6	2.0	7.0	49	20	3	*3.0	*5.0	18	4	4	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

USCOMM-NBS-DL

MONTH-HOUR VALUES OF RADIO NOISE

Station Enkoping, Sweden Lat. 59.5N Long. 17.3E Month July 1962

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	2	4	7.0	12.5	129	4	10	8.5	14.5	107	6	4	*5.0	*10.0	81	6	6	4.0	8.5	68			6.0	10.0	58	6	6	4.0	7.5	47	8	12	2.0	5.0	19	6	0	1.5	4.0
01	154	2	2	8.5	14.5	123	8	6	8.5	15.0	107	4	4	*3.0	*7.5	73	12	4	*4.0	*6.0	67	6	7	6.0	9.5	57	5	7	*5.0	*8.0	45	8	12	2.0	4.0	19	6	0	1.5	3.0
02	154	2	2	8.0	14.5	122	7	7	9.5	15.0	104	4	6	*4.5	*11.0	61	15	6	*5.0	*8.0	63	4	6	4.5	9.5	56	4	6	4.5	9.0	45	8	12	2.0	4.0	19	6	2	1.5	3.0
03	152	4	2	8.5	15.0	117	8	2	10.0	17.0	87	10	6	*5.0	*11.0	49	12	2	*3.0	*7.5	55	9	5	7.0	11.5	52	2	4	3.0	6.0	41	11	9	*2.5	*5.0	19	6	4	1.5	3.0
04	152	4	2	9.5	16.0	117	8	6	12.5	19.0	81	8	9	*5.5	*10.0	53	7	5	*1.5	*4.0	45	6	4			46	2	4	*6.0	*10.5	45	7	7	2.0	4.5	19	6	2	0.5	2.5
05	152	4	4	10.5	17.5	117	6	8	12.5	20.0	79	10	4	*7.0	*12.0	51	12	4	*10.0	*13.0	37			7.5	12.5	42	11	5	*5.5	*9.0	47	3	9	*3.0	*5.0	19	6	2	1.0	3.0
06	152	4	4	11.5	18.5	114	11	6	*13.0	*21.0	79	11	4	*7.0	*9.5	52	8	5	*4.0	*8.0	35	6	10			40	6	5	*5.0	*8.0	44	4	7	*1.0	*3.0	20	5	3	1.0	3.0
07	152	4	4	10.0	16.5	119	7	9	11.5	19.5	79	12	6	*4.5	*6.5	53	9	4	2.0	5.0	37	3	6	6.5	10.0	38	2	8	*4.0	*7.0	40	6	4	*5.5	*9.0	19	6	2	1.5	3.0
08	152	4	4	10.0	17.0	118	9	7	*12.5	*19.5	*81			*7.0	*10.5	55	4	6			31	4	4	5.0	7.0	34	6	3	*5.5	*8.0	39	4	4	*6.0	*8.0	21	4	5	*2.0	*4.0
09	152	4	2	*10.0	*16.0	122	9	7	*12.0	*20.0	*85			*9.5	*13.5	61	16	10	*8.0	*12.5	31	8	4	6.5	9.0	*35			*7.0	*14.0	*38					18	9	1	*3.0	*4.0
10	154	2	3	*11.0	*17.0	125	6	7	14.0	21.0	*90			*12.5	*20.5	65	12	8	*13.0	*20.0	*33			8.5	11.5	40	6	10	*9.0	*14.0	*42			*7.5	*13.0	23	6	6	*2.0	*4.0
11	156	4	4	*10.5	*16.5	127	6	4	13.5	21.0	103	4	12	*14.0	*21.0	69	10	8	*10.0	*13.0	*35			5.5	10.0	*40			*10.5	*15.0	*44			*12.0	*15.0	23	4	6	*2.0	*3.5
12	158	4	3	10.0	16.0	129	5	4	12.5	19.0	103	5	12	*13.0	*21.0	67	18	9	*16.0	*24.0	37	9	8	10.0	14.0	42	4	6	*8.0	*13.0	43	6	8	*4.5	*10.0	21	5	5	*1.0	*3.0
13	159	3	4	10.0	16.5	131	4	6	11.0	18.0	101	12	12	12.5	20.0	72	14	13	*13.0	*23.0	35	8	6	9.0	11.5	40	10	8	*7.5	*12.5	45	6	6	*8.5	*16.0	22	4	5	2.0	4.0
14	160	4	4	10.0	16.0	129	6	2	*11.5	*18.0	99	12	10	14.0	21.0	77	12	20	*12.5	*21.0	33	15	2	9.0	12.5	42	7	7	8.5	11.0	48	4	7	*4.0	*14.0	21	4	4	2.0	4.0
15	160	4	4	10.0	16.0	130	5	5	10.0	16.0	102	7	10	*10.0	*14.0	70	14	13	*12.0	*18.5	35	16	6	8.0	12.5	44	8	9	*7.0	*12.0	49	8	7	*10.0	*17.0	21	4	4	2.5	4.0
16	160	2	4	8.0	13.0	129	6	4	8.5	14.5	101	8	9	*10.0	*16.0	67	11	12	*15.0	*22.5	37	14	4	7.0	10.0	46	6	6	*6.5	*10.0	49	8	6	*6.0	*10.0	21	6	4	2.0	3.5
17	160	2	6	8.5	13.5	129	4	6	9.0	15.0	99	8	15	*10.0	*17.5	67	9	9	*10.0	*15.0	39	11	6	4.0	9.0	46	6	2	*5.0	*9.5	48	6	7	*4.5	*7.5	22	5	5	2.0	3.0
18	156	4	4	9.0	14.0	127	4	6	8.0	14.5	94	9	11	9.5	15.5	61	14	6	*7.0	*9.5	45	6	11	5.0	9.0	52	4	6	*5.0	*9.5	49	4	6	*3.0	*6.0	23	4	4	2.0	4.0
19	156	4	4	7.5	13.0	126	5	8	8.5	15.0	91	10	10	*5.5	*11.0	63	8	6	*4.0	*7.0	47	8	7	5.0	9.0	54	6	6	4.5	9.0	51	8	6	*3.0	*5.5	21	6	2	1.5	3.5
20	156	3	5	7.0	12.0	125	4	8	8.5	14.5	97	6	9	5.5	11.0	73	4	10	*3.0	*6.0	55	5	6	4.0	7.5	58	5	4	4.0	8.0	51	14	6	*3.0	*5.5	21	4	2	1.5	3.5
21	156	3	5	7.0	12.5	127	4	9	*6.5	12.5	103	4	10	6.0	10.5	81	4	10	4.0	6.0	63	6	6	4.5	8.5	62	2	6	3.5	8.0	49	8	10	*6.0	*9.5	19	6	2	1.5	3.0
22	154	6	2	8.0	13.0	129	4	10	7.0	13.0	107	4	6	4.0	8.5	81	8	6	5.0	10.0	65	8	4	8.0	8.0	62	2	6	3.5	7.0	48	13	10	*4.0	*6.0	20	7	3	1.5	3.0
23	154	4	2	7.0	13.5	129	6	10	8.0	14.5	107	6	4	*4.0	*9.0	82	7	7	4.5	8.0	67	16	6	3.0	7.0	60	4	6	4.0	8.0	45	11	7	2.0	4.5	19	6	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 Enkoping, Sweden Lat. 59.5N Long. 17.3E Month August 1962

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	8.0	13.5	126	8	6	9.0	15.5	106	8	4	5.5	11.0	83	6	6	*6.0	*12.0	62	7	7	4.5	10.5	52	8	4	4.0	7.5	40	6	4	2.5	4.5	18	1	2	1.0	2.5
01	154	2	2	8.0	14.5	126	8	8	9.5	16.0	110	4	4	*4.0	*9.0	83	6	6	5.0	9.5	61	7	9	4.0	10.5	52	6	4	4.5	9.0	37	5	6	2.0	4.5	16	2	2	1.0	3.0
02	154	2	2	8.5	14.5	124	8	8	10.0	17.5	110	4	8	*5.0	*10.5	79	8	12	8.0	13.5	61	9	7	7.0	11.5	52	4	6	4.5	10.0	35	7	4	2.0	4.0	16	2	1	1.0	3.0
03	154	2	2	9.0	16.0	122	6	6	9.5	16.0	106	4	10	*5.0	*11.0	63	10	5	*6.0	*9.0	58	4	8	6.5	12.0	50	6	3	3.5	7.0	*36			*4.0	*6.5	16	2	2	1.5	3.0
04	154	2	4	9.5	16.0	120	8	8	11.0	17.5	92	10	10	*8.5	*13.5	51	9	3	*4.5	*7.5	50	6	6	6.0	12.5	46	5	2	*3.0	*6.5	38	3	4	*4.0	*6.5	16	3	2	1.5	3.5
05	152	4	2	10.0	16.5	116	10	7	*11.5	*21.0	84	13	8	*9.0	*12.5	52	11	3	*2.5	*4.5	38	12	6	6.5	11.0	40	8	2	*4.0	*10.5	40	8	6	*5.0	*7.5	16	2	2	1.5	3.5
06	150	4	2	11.0	18.0	116	10	9	14.0	22.0	82	16	4	*7.5	*14.0	53	14	4	*4.0	*8.0	36	19	6	13.5	18.5	38	9	4	*4.5	*7.5	40	6	4	*7.5	*11.0	16	2	2	1.5	3.5
07	150	6	2	11.0	17.5	118	9	9	16.0	23.5	80	18	6	*9.5	*14.0	57	9	8	*4.5	*7.0	32	10	6	3.5	8.0	35	10	3	*3.0	*5.5	38	9	2	*2.5	*5.0	16	3	2	*2.0	*3.5
08	150	6	4	11.0	17.0	118	8	10	*14.0	*22.5	80	11	4	*4.0	*7.5	55	18	4			32	8	10	8.5	11.5	34	12	5	*3.0	*5.5	*38			*3.0	*6.0	*18			*2.0	*4.0
09	150	6	2	12.0	19.0	*118			*13.0	*22.0	*83			*7.5	*12.0	*53					*30			5.5	9.0	*30			*7.0	*3.0	*40			*9.0	*13.5	*18			*2.0	*4.0
10	*151			*10.5	*17.0	*122			*14.0	*22.0	88	8	6	*7.5	*15.0	58	12	7	*8.0	*11.0	*28			3.5	5.5	*26			*3.5	*5.5	*38					*18			*1.0	*3.0
11	154	2	6	*11.0	*17.0	124	6	6	12.5	19.5	*90			*7.5	*12.0	55	17	4	*10.0	*17.5	*31			8.0	10.5	*34			*10.5	*17.0	*42					18	9	4	*3.0	*4.5
12	155	3	4	10.0	16.0	126	6	4	10.0	17.0	92	16	10	*12.0	*17.0	*55			*4.5	*7.0	30	9	7	7.0	10.5	*27			*6.0	*10.5	44	2	6			18	5	2	*2.0	*3.5
13	156	5	3	*8.5	*15.0	126	6	7	8.5	16.5	90	14	6	*7.5	*13.5	55	20	2	*7.5	*15.0	32	11	6	5.5	9.5	30	10	7	*4.0	*7.0	*44					18	2	2	2.0	3.5
14	156	4	2	8.0	15.0	126	8	6	9.0	16.0	92	15	10	9.5	14.5	59	16	6	*12.0	*20.0	30	7	4	6.5	10.0	32	12	4	*8.0	*12.5	44	7	3	*5.5	*8.0	18	2	3	1.5	3.5
15	156	4	2	8.0	14.5	126	4	4	8.5	15.0	92	12	10	7.5	13.0	57	21	4	*9.5	*18.0	34	6	6	8.0	11.5	38	7	11	*7.5	*13.5	44	6	4	*6.5	*12.0	18	3	2	1.5	3.5
16	154	4	2	8.0	13.5	126	6	6	9.0	16.0	92	16	10	10.0	15.0	56	18	3	*7.0	*14.5	38	4	7	5.5	9.5	42	9	9	*2.5	*5.0	44	4	6	*5.0	*8.0	18	6	0	1.5	3.0
17	154	2	2	7.0	12.5	126	6	8	8.0	15.0	90	17	9	10.0	18.0	57	18	4	*6.0	*10.0	38	11	5	5.5	12.0	42	12	6	4.0	6.5	46	4	5	*4.5	*8.0	18	6	2	1.0	3.0
18	152	4	2	7.5	13.0	124	8	8	7.5	14.0	90	16	8	8.0	15.0	63	10	4	*4.0	*7.0	44	6	6	6.5	11.5	48	10	7	5.0	8.0	45	11	5	*4.5	*7.0	20	4	2	2.0	4.0
19	152	4	2	7.0	13.0	124	6	8	7.5	14.0	98	6	8	6.0	11.0	75	10	10	*4.0	*8.0	49	9	5	4.5	9.5	54	6	7	*2.5	*6.5	44	19	2	*4.0	*7.0	20	2	3	1.0	3.5
20	154	2	4	7.0	12.0	122	10	4	7.0	13.5	104	4	6	5.0	10.0	79	4	4	3.0	5.0	*57			4.5	9.5	58	5	7	*3.0	*7.0	48	16	8	*3.0	*6.0	18	3	1	1.0	3.0
21	154	6	4	7.5	13.0	126	6	6	7.5	14.0	108	2	4	4.5	8.5	78	9	5	4.5	9.5	60	9	5	5.0	10.0	58	6	7	4.0	7.5	51	22	14	*2.5	*5.0	18	2	2	1.5	3.5
22	153	3	3	7.5	13.0	126	8	6	7.5	14.0	108	6	6	5.0	9.0	81	8	8	5.0	9.0	64	7	8	7.5	12.0	56	5	6	4.0	7.0	40	6	5	2.5	5.5	18	2	2	1.0	3.0
23	153	3	3	7.5	13.0	124	12	4	9.0	15.5	110	4	7	3.0	7.0	83	9	8	5.0	10.5	64	6	10	5.0	11.0	54	6	4	3.5	7.5	40	9	6	*2.0	*4.0	18	2	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

MONTH-HOUR VALUES OF RADIO NOISE

Station Front Royal, Virginia Lat. 38.8N Long. 78.2W Month June 19 62

Frequency (Mc)

Hour (LST)	135 Fam	Du	Dℓ	Vdm	Ldm	500 Fam	Du	Dℓ	Vdm	Ldm	2.5 Fam	Du	Dℓ	Vdm	Ldm
00	116	3	5			86	7	5			74	4	7		
01	115	3	5			84	7	4			73	6	5		
02	114	4	6			85	5	4			72	5	5		
03	113	5	5			85	5	6			72	6	6		
04	110	5	6			82	3	9			68	7	6		
05	96	10	6			58	8	4			50	6	5		
06	94	9	4			58	4	5			42	6	5		
07	94	10	5			57	4	4			35	3	2		
08	95	9	6			59	5	5			29	5	3		
09	95	10	6			59	5	3			28	4	3		
10	95	12	6			62	5	5			28	4	3		
11	97	11	7			63	12	5			28	8	2		
12	100	14	6			65	19	6			37	16	4		
13	104	16	6			70	20	10			39	18	5		
14	108	14	9			74	20	15			44	17	11		
15	110	11	9			75	18	15			44	18	10		
16	110	14	10			73	24	15			44	25	11		
17	113	17	14			77	23	20			48	22	12		
18	110	14	13			73	24	16			55	15	15		
19	107	12	9			74	19	15			63	11	11		
20	110	8	6			77	15	6			70	8	7		
21	114	6	4			84	9	3			71	9	3		
22	116	4	4			84	8	3			72	8	3		
23	115	5	3			85	8	4			72	9	4		

Hour (LST)	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	68	2	4			47	5	5			23	0	0												
01	67	3	3			45	4	4			23	0	0												
02	66	4	4			43	3	4			23	0	0												
03	64	4	2			41	4	4			23	0	0												
04	64	5	2			42	4	4			23	0	1												
05	58	4	4			42	4	4			22	1	0												
06	50	6	3			44	3	4			22	1	0												
07	47	5	5			40	4	2			22	1	1												
08	39	6	3			37	3	3			22	1	1												
09	36	7	3			34	5	2			22	1	1												
10	36	7	4			33	4	2			22	1	1												
11	36	5	5			34	3	2			22	1	1												
12	36	10	4			38	5	2			23	1	1												
13	43	9	7			41	5	4			23	3	1												
14	46	10	8			43	5	4			23	3	1												
15	48	10	10			46	4	5			23	4	0												
16	50	12	11			46	5	3			24	5	1												
17	55	8	11			50	2	4			26	3	2												
18	58	8	7			52	3	3			26	4	1												
19	62	8	4			54	2	4			27	4	2												
20	67	6	5			53	2	3			27	2	2												
21	68	6	3			52	2	3			25	2	2												
22	68	4	4			50	3	4			23	2	0												
23	68	3	4			49	3	4			23	1	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. 38.8N Long. 78.2W Month July 19 62

Hour (LST)	.135					.500					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	117	4	6			91	6	6			75	3	5			68	3	6			44	3	6			24	0	1												
01	117	6	8			91	8	6			75	3	7			66	4	6			42	3	8			24	1	1												
02	117	3	8			91	7	6			74	5	4			66	4	8			39	4	6			24	0	0												
03	115	6	4			91	6	7			74	4	6			64	4	6			38	5	5			24	0	1												
04	115	2	6			88	7	8			72	4	10			60	4	6			40	6	3			24	0	1												
05	105	9	9			66	15	7			54	8	10			56	4	7			41	4	4			23	1	0												
06	101	13	8			65	20	8			44	16	5			50	6	6			43	5	4			23	1	1												
07	100	12	7			65	16	8			38	13	4			44	8	2			44	4	5			23	1	1												
08	101	11	9			63	14	4			31	9	3			39	6	3			43	3	4			25	1	1												
09	100	12	8			63	12	5			29	5	3			36	6	5			41	3	4			25	2	1												
10	101	15	8			64	14	6			28	7	3			35	5	5			40	3	3			25	1	1												
11	104	10	10			66	14	7			28	8	3			34	6	5			39	5	2			25	1	1												
12	106	12	10			65	17	5			34	11	4			36	9	3			36	7	2			26	2	1												
13	110	14	10			68	24	8			35	22	3			38	14	5			38	6	2			26	3	1												
14	110	16	8			70	26	9			36	23	3			41	13	6			40	7	2			27	4	2												
15	112	18	12			70	29	7			36	27	3			44	14	4			43	7	3			28	3	2												
16	109	23	8			72	34	8			39	28	6			48	15	4			44	6	4			27	4	2												
17	112	18	14			76	27	14			43	26	7			52	13	4			46	4	4			27	5	2												
18	112	14	13			75	22	13			50	23	11			59	7	6			48	4	4			28	4	2												
19	110	16	8			75	17	11			60	17	5			63	10	5			50	2	4			28	2	2												
20	113	10	7			81	14	8			70	10	9			68	10	6			50	4	3			27	1	3												
21	115	9	6			88	9	7			74	6	8			69	9	5			49	4	4			25	3	1												
22	116	7	4			89	8	6			75	5	7			69	5	5			46	6	5			24	2	1												
23	117	5	4			91	6	7			75	5	7			69	5	5			45	5	8			24	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. 38.8N Long. 78.2W Month August 19 62

Frequency (Mc)

Hour (LST)	.135 Fam	Du	Dℓ	Vdm	Ldm	.500 Fam	Du	Dℓ	Vdm	Ldm	2.5 Fam	Du	Dℓ	Vdm	Ldm
00	116	8	5			93	5	8			72	6	6		
01	115	8	4			93	5	7			72	7	7		
02	114	7	4			92	5	6			72	5	8		
03	115	6	6			91	7	5			71	4	7		
04	118	7	6			91	6	5			70	6	6		
05	111	8	8			74	15	8			62	10	8		
06	103	12	9			62	17	6			45	13	5		
07	101	14	8			62	18	4			39	15	5		
08	100	11	9			61	17	3			35	12	3		
09	100	11	9			61	16	3			34	9	2		
10	97	12	6			62	10	4			33	5	3		
11	97	13	6			62	12	2			34	7	4		
12	100	17	6			64	24	6			35	18	4		
13	102	22	6			65	35	5			37	31	5		
14	107	25	10			67	37	6			38	31	6		
15	107	26	9			69	42	7			38	36	5		
16	109	23	12			68	38	8			40	34	5		
17	107	23	11			68	37	9			48	27	11		
18	107	22	10			69	34	10			56	20	11		
19	111	19	10			80	22	9			68	22	9		
20	117	14	8			89	14	9			72	8	9		
21	117	12	5			91	9	6			72	7	7		
22	117	8	4			92	7	5			73	4	7		
23	117	8	5			92	7	5			72	5	6		

Hour (LST)	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	63	4	4			39	5	4			24	1	0												
01	62	5	3			37	5	3			24	1	0												
02	62	5	5			36	6	3			24	0	1												
03	61	4	4			35	6	2			23	1	0												
04	62	4	4			37	6	2			23	1	0												
05	61	4	4			38	3	3			23	1	1												
06	54	6	6			41	4	4			22	1	0												
07	49	9	5			42	6	3			22	2	0												
08	43	6	5			42	6	3			22	3	0												
09	39	7	6			40	4	3			22	3	0												
10	37	7	5			39	3	3			22	2	0												
11	35	7	4			38	5	3			22	2	0												
12	36	10	5			37	5	4			26	1	1												
13	38	16	6			39	5	3			26	4	1												
14	42	16	8			41	7	3			26	8	0												
15	44	18	8			43	7	3			27	7	1												
16	50	15	10			44	6	3			27	6	2												
17	54	11	9			46	6	2			27	5	1												
18	60	8	8			48	6	2			28	4	2												
19	66	5	6			50	4	3			28	3	2												
20	66	6	4			50	4	4			25	5	1												
21	66	6	3			47	3	3			24	2	0												
22	66	4	4			44	3	5			24	1	0												
23	64	4	3			40	5	3			24	1	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

USCOMM-NBS-BL

MONTH-HOUR VALUES OF RADIO NOISE

Station Kekaha, Hawaii Lat. 22.0N Long. 159.7W Month June 19 62

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	155	0	2	8.0	14.0	127	5	4	9.0	14.5	100	12	3	9.5	15.0	79	13	7	12.0	22.0	57	6	6	6.0	10.0	57	8	2	5.0	9.0	45	6	2	3.0	4.0	23	2	0	1.0	2.5
01	155	2	2	9.0	15.0	127	6	2	10.0	16.5	100	9	4	13.0	22.0	77	10	6	12.0	22.0	57	10	6	8.0	12.0	61	6	6	4.0	9.5	43	4	2	3.5	5.0	25	1	2	1.5	3.0
02	155	2	2	10.0	17.0	127	4	2	12.0	19.0	102	9	5	10.5	18.5	79	11	7	9.5	22.5	57	6	5	7.5	12.0	65	4	4	*5.0	*11.0	41	2	2	4.0	6.0	23	2	0	1.5	2.5
03	155	3	2	10.0	17.0	131	3	7	12.0	20.0	104	11	6	*12.5	*22.5	81	10	10	12.5	23.5	57	6	4	8.0	13.0	53	11	6	4.5	8.0	39	4	2	3.5	6.0	23	4	0	1.0	2.5
04	155	2	2	12.0	19.0	129	6	4	12.0	20.0	104	8	8	*14.0	*22.5	81	10	13	11.5	20.0	59	6	6	7.0	11.0	51	4	2	5.0	10.0	39	2	4	3.5	5.5	23	2	0	1.0	2.5
05	155	2	2	12.0	19.5	129	4	5	13.0	20.5	102	11	8	13.0	21.0	75	16	7	13.0	24.0	59	6	6	8.0	13.0	51	4	4	6.0	9.5	37	2	4	3.0	5.0	23	2	0	1.5	3.5
06	155	2	2	12.5	20.5	121	9	3	12.5	19.5	82	20	8	*15.0	*23.5	55	23	4	15.0	21.0	55	4	6	8.0	12.0	49	4	4	7.0	10.0	36	2	1	3.0	5.0	25	2	2	2.0	4.0
07	151	3	2	11.5	18.5	115	12	4	15.0	22.5	72	32	6	10.0	18.0	53	29	4	14.5	19.0	41	4	4	6.0	8.0	37	8	6	*4.0	*7.0	33	3	2	3.5	6.0	23	2	2	2.0	3.5
08	151	5	2	11.0	17.5	109	14	5	13.5	20.0	74	26	7	*13.5	*24.5	53	26	5	15.0	19.0	35	4	4	4.0	5.5	31	6	8	*4.0	*8.0	30	3	3	4.5	7.0	23	2	2	2.0	4.0
09	151	4	2	10.0	16.0	108	15	5	*12.0	*17.5	76	22	8	*14.0	*25.0	53	15	4	5.5	7.5	33	6	2	4.0	5.5	24	7	5	4.0	5.5	25	6	2	5.0	7.0	21	2	0	2.0	3.5
10	151	5	2	9.0	14.5	111	14	8	13.5	20.0	76	26	8	*15.5	*24.0	53	26	4	7.0	12.0	31	10	2	3.5	5.0	25	10	6	*3.0	*5.5	23	4	4	5.0	8.0	21	4	2	2.0	4.0
11	151	4	2	*8.5	*14.5	112	15	5	*11.0	*17.0	76	30	10	*11.0	*18.5	51	29	4	4.0	6.0	32	5	3	3.0	5.0	25	6	6	*2.5	*4.5	19	8	4	3.5	5.5	19	2	0	1.5	3.0
12	151	6	2	8.5	14.0	111	14	4	12.0	17.5	72	24	4	*12.0	*20.0	53	26	6	12.0	19.0	31	7	2	3.0	5.0	23	10	6	*4.0	*7.0	19	5	2	3.0	4.5	19	4	0	2.0	4.0
13	151	3	2	8.5	14.5	111	15	4	10.0	14.0	70	26	2	*10.0	*20.0	51	13	4	11.0	18.5	31	9	2	3.0	5.0	21	10	2	*3.0	*6.0	19	8	6	4.5	7.5	21	2	0	2.0	4.0
14	151	4	2	*8.5	14.5	111	13	4	11.0	16.0	70	20	4	*12.0	*18.5	49	10	2	3.0	6.0	31	6	2	3.0	4.5	23	6	6	*3.5	*6.0	19	10	2	*3.5	*6.0	23	2	2	*3.0	*5.0
15	149	4	2	*9.0	*15.0	109	16	6	13.5	19.0	70	19	2	*6.5	*11.5	49	8	2	5.0	8.0	31	7	4	2.0	4.0	23	8	6	*2.5	*5.0	25	8	4	3.5	5.5	23	2	0	2.5	4.0
16	149	3	2	10.0	16.5	105	12	3	*11.5	*17.0	68	18	2	*6.0	*10.5	49	7	2	5.0	8.0	31	6	4	3.0	5.0	23	9	6	*3.5	*4.5	37	4	8	2.0	4.0	25	2	2	3.0	4.5
17	149	2	3	10.5	16.5	105	12	6	*7.0	*11.5	68	15	4	*7.0	*12.0	49	13	2	7.5	11.5	31	13	2	3.0	4.5	27	8	4	*4.0	*7.0	43	10	4	2.5	4.0	25	4	0	2.0	4.5
18	149	1	2	9.0	15.5	103	7	2	5.0	8.0	72	17	2	*5.0	*9.0	53	12	4	7.0	11.0	35	6	4	3.0	5.0	39	5	5	*6.5	*10.5	47	6	6	2.5	4.5	25	6	2	*2.5	*4.0
19	149	0	2	9.0	14.5	111	3	4	6.0	10.0	88	5	3	5.5	10.0	64	10	6	9.0	15.0	43	4	6	2.5	4.5	47	4	4	*2.0	*5.0	49	5	6	2.5	5.0	25	6	2	3.0	4.5
20	149	4	2	8.0	13.5	119	4	2	5.5	10.5	94	7	2	5.5	9.0	69	8	7	10.5	19.5	49	8	4	6.0	9.0	51	4	4	3.0	5.0	47	6	5	2.5	5.0	25	2	2	2.5	4.0
21	151	2	2	7.5	13.0	121	4	2	8.0	13.5	98	11	5	8.5	13.5	71	13	4	12.0	19.0	53	8	4	8.5	12.0	52	3	3	3.5	6.0	47	6	6	2.5	4.5	25	2	2	2.0	3.5
22	151	4	2	8.0	13.5	123	6	3	9.0	15.0	98	6	4	7.5	13.0	77	8	8	12.0	21.0	55	8	4	7.0	10.0	53	2	4	4.0	6.5	47	6	4	3.5	5.5	25	2	2	2.0	3.5
23	153	2	2	8.5	13.5	125	3	2	8.0	13.5	100	6	4	*7.0	*13.0	79	5	8	11.5	20.0	55	8	6	9.0	13.5	53	2	4	3.5	7.0	45	4	4	3.0	5.0	25	2	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

USCOMM-WDS-PL

MONTH-HOUR VALUES OF RADIO NOISE

Station Kekaha, Hawaii Lat. 22.0N Long. 159.7W Month July 1962

Hour (LST)	Frequency (Mc)																																							
	.013					.051					.160					.495					2.5					5					10					20				
	Fam	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	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
00	153	2	0	8.5	14.0	123	4	6	11.0	16.0	101	2	14	10.0	19.0	77	4	14	11.5	21.0	55	4	5	6.0	9.5	56	4	4	*5.0	*8.5	49	4	8	3.5	5.5	24	2	1	2.0	3.5
01	155	2	2	8.5	13.5	125	4	6	12.0	18.0	99	4	7	*11.5	*20.5	77	6	13	13.5	23.0	55	5	6	7.0	10.0	60	3	8	7.0	13.0	45	6	6	3.0	5.5	24	2	1	2.0	4.0
02	155	2	2	9.0	14.5	125	6	2	10.5	17.0	101	4	13	13.0	20.5	79	6	18	*15.0	*24.0	55	7	6	7.0	10.0	64	2	9	6.0	11.0	41	6	6	4.5	7.0	24	2	1	2.0	4.0
03	155	2	2	10.0	16.0	127	4	6	12.5	20.0	101	6	9	13.5	*22.0	80	7	20	*14.5	*25.0	55	7	6	8.5	11.5	50	12	4	6.0	12.0	39	5	5	5.0	7.0	24	1	2	2.5	4.0
04	155	2	2	11.0	17.5	127	4	7	14.0	*22.0	101	8	15	*14.0	*22.0	79	10	15	12.0	*22.5	55	8	8	9.0	15.0	48	4	2	6.5	9.5	35	7	3	4.0	6.5	24	1	2	2.5	4.0
05	155	4	2	11.0	18.0	128	5	8	13.0	*20.5	98	12	9	*15.0	*23.0	73	11	12	*12.5	*24.0	57	7	8	9.0	13.0	48	4	4	6.5	9.5	33	7	2	4.0	5.5	24	1	2	2.5	4.0
06	155	2	2	11.5	19.0	123	2	5	13.0	21.0	85	9	6	*12.5	*23.0	57	12	5	*5.0	7.5	51	5	6	8.0	11.5	46	4	6	6.0	9.0	35	4	4	4.0	5.5	24	0	2	2.5	4.0
07	151	4	2	11.0	18.0	118	6	5	13.5	20.5	75	16	9	*15.5	*22.5	55	9	4	*10.0	*15.0	41	5	4	5.0	6.5	36	5	4	*5.0	9.5	31	4	6	3.5	5.5	22	2	0	1.5	3.0
08	151	4	4	10.5	17.0	113	9	9	13.5	19.5	75	12	8	*17.0	*24.0	53	9	4	*4.0	*6.5	37	4	4	3.5	5.5	30	5	6	*5.0	*6.5	25	6	4	3.0	5.0	22	2	2	2.0	3.5
09	151	2	2	9.5	15.0	111	12	4	13.0	18.5	75	16	11	*13.5	*21.0	53	11	4	*8.5	*12.5	35	4	2	3.0	5.0	26	6	5	*4.0	*6.0	21	7	2	2.5	4.5	22	0	2	1.5	3.0
10	151	4	2	10.0	15.0	114	9	6	12.5	16.0	73	16	8	*11.0	*22.0	53	8	4	*6.0	*9.0	34	3	3	2.5	4.0	24	5	2	*3.5	*5.0	21	5	4	4.0	6.0	20	1	2	2.0	3.0
11	151	4	2	8.0	13.0	113	8	4	*6.0	*9.0	73	14	8	*15.0	*24.0	49	9	1	7.5	10.5	33	2	4	2.0	4.0	22	6	2	*2.5	*4.0	17	4	2	3.0	5.0	20	1	2	1.0	3.0
12	151	3	2	7.0	13.0	113	9	4	8.0	12.5	73	14	8	*13.0	*19.5	49	6	2	*5.0	*8.0	33	3	3	2.5	4.5	22	8	2	*5.5	*7.0	17	4	2	5.0	7.5	20	2	0	1.5	3.0
13	151	2	2	7.5	12.5	113	6	2	8.0	12.0	72	15	7	*13.0	*22.5	49	4	2	*11.0	*14.5	32	3	3	2.0	4.0	22	6	2	*4.5	*9.0	19	4	4	*3.5	*5.0	22	0	2	2.0	4.0
14	151	2	2	7.5	12.5	111	8	2	*11.0	*15.0	71	10	8	*16.5	*23.0	49	6	2	5.0	7.5	33	2	4	2.5	4.5	24	6	6	*4.0	*6.0	21	11	6	2.5	4.5	22	0	2	2.0	4.0
15	151	2	2	7.5	12.5	111	4	4	7.0	10.0	72	9	9	*15.5	*22.0	49	4	0	*6.0	*8.0	33	2	4	2.5	4.0	24	6	4	*3.0	*5.0	26	11	5	3.0	5.0	24	1	2	2.0	4.0
16	149	2	2	9.0	15.0	107	6	2	8.0	11.5	67	8	4	*7.0	*12.5	49	5	2	*4.0	*6.5	33	3	2	2.5	4.0	24	7	4	*5.0	*8.0	35	10	8	2.0	4.0	24	3	2	2.0	3.5
17	149	2	2	10.0	16.0	107	7	5	9.0	13.5	67	13	5	*11.0	*17.0	51	4	4	*4.5	*7.0	33	3	2	2.5	4.0	28	7	6	*5.0	*9.5	43	6	8	3.0	5.0	24	2	2	2.5	4.0
18	149	2	2	8.5	14.5	107	7	4	7.0	12.5	71	8	4	*6.5	*11.5	53	4	4	*4.0	*6.0	33	7	1	3.5	5.0	37	5	5	*5.0	*8.5	48	5	7	2.5	5.0	24	3	0	2.0	3.5
19	149	2	2	8.5	14.0	113	3	4	7.0	11.0	85	6	8	7.0	11.5	61	6	6	*5.0	*7.0	41	6	4	3.0	4.5	47	6	4	*3.5	*6.0	49	6	7	3.0	5.5	24	3	0	2.0	4.0
20	149	2	2	7.5	13.0	119	2	6	6.5	11.0	91	6	7	*8.0	*15.0	65	10	6	*4.5	*6.0	49	7	4	5.0	7.0	50	2	5	3.0	7.0	48	7	8	3.0	5.5	24	3	1	2.0	3.5
21	151	3	2	8.0	13.5	119	5	4	7.5	14.5	95	5	6	8.0	13.0	69	12	6	*9.5	*14.0	53	5	8	5.0	8.0	50	4	4	4.0	8.0	47	7	7	4.0	6.0	24	2	0	2.0	3.5
22	152	2	2	7.5	12.5	121	6	5	9.0	13.0	97	4	6	*11.5	*18.0	73	10	10	*13.0	*23.0	54	6	5	6.5	10.0	52	2	5	4.0	7.5	47	4	7	4.0	6.5	24	2	2	2.0	3.5
23	152	2	2	7.5	13.0	121	6	5	10.0	16.0	97	6	11	*9.5	*16.0	77	9	16	*13.0	*22.5	56	4	8	6.5	10.0	57	5	4	4.5	8.5	45	9	8	4.5	6.0	24	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

USCOMM-NBS-DL

MONTH-HOUR VALUES OF RADIO NOISE

Station Kekaha, Hawaii Lat. 22.0N Long. 159.7W Month August 19 62

Hour (LST)	Frequency (Mc)																																							
	.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	Fam	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm
00	155	1	2	8.0	13.0	127	6	2	9.5	14.5	103	6	4	8.0	14.0	81	9	7	11.0	19.0	57	4	4			61	5	6			44	6	6			25	0	0		
01	155	2	2	8.5	15.0	129	4	4	9.5	15.0	105	6	6	9.5	14.5	83	6	10	10.5	18.0	57	4	5			61	6	6			40	7	3			25	0	2		
02	155	2	2	10.0	16.5	129	2	4	10.5	16.0	104	3	5	10.5	17.5	83	8	9	13.0	20.0	59	3	8			65	6	11			38	4	4			25	0	2		
03	155	2	4	11.0	18.0	131	2	4	11.5	18.5	103	4	4	11.5	19.5	85	6	10	14.0	24.0	57	6	5			51	17	4			36	6	2			25	0	2		
04	153	4	2	12.5	19.5	131	2	4	13.0	20.5	105	4	6	12.0	19.0	84	7	9	13.5	22.0	57	8	6			49	8	4			34	4	3			23	2	0		
05	155	2	4	12.0	19.0	131	2	6	13.0	20.0	105	4	6	12.0	20.0	81	8	10	14.5	22.5	57	7	6			49	5	4			32	2	2			23	2	0		
06	155	2	4	12.5	20.0	125	4	4	12.5	19.0	91	8	6	14.0	23.0	62	15	9	9.0	15.5	57	5	6			51	3	8			32	5	2			23	2	0		
07	152	3	3	12.0	19.5	119	4	4	12.5	20.0	76	21	7	16.0	23.5	57	14	8	*12.0	*19.0	43	7	5			41	6	4			28	7	2			23	2	0		
08	151	2	4	11.0	18.0	111	11	4	12.0	18.0	77	13	8	13.0	20.5	53	14	4	6.0	8.0	37	6	4			31	6	4			24	4	2			23	0	0		
09	151	2	4	10.5	17.0	109	9	7	11.0	15.5	77	20	8	13.0	22.0	53	14	5	*5.0	*7.0	35	3	4			27	8	4			22	5	4			23	0	2		
10	151	4	4	10.5	16.5	111	9	8	10.0	15.0	75	18	6	*12.0	*18.0	55	11	5	6.0	11.0	33	4	2			25	6	3			20	4	2			21	2	0		
11	151	2	3	9.5	15.5	111	10	6	10.5	16.5	79	14	10	14.0	22.0	51	21	4	5.0	7.0	31	7	0			23	7	2			18	5	2			21	2	0		
12	151	2	2	9.0	14.0	111	5	4	9.5	15.0	75	6	8	8.5	15.0	51	4	4	*2.5	*4.0	31	8	1			24	6	3			18	4	4			21	2	0		
13	151	2	2	8.5	14.0	111	6	4	10.5	16.5	71	14	4	13.0	19.5	49	13	2	5.0	7.0	31	8	2			23	4	2			18	4	2			23	0	2		
14	151	2	2	9.0	14.5	110	7	3	10.5	16.0	69	10	2	7.5	13.0	49	7	2	3.5	5.5	31	8	2			24	5	3			19	5	3			23	2	0		
15	149	4	2	9.5	16.0	109	4	6	11.0	17.0	71	6	6	9.0	15.0	49	6	2	4.5	6.5	32	4	3			23	6	2			24	2	4			25	1	2		
16	149	2	2	9.5	15.5	107	4	4	9.5	14.0	69	9	4	8.0	13.0	49	6	2	4.0	6.0	31	8	2			27	8	6			32	5	9			25	2	2		
17	149	2	2	11.0	18.0	105	8	2	9.5	14.0	71	7	4	6.5	11.0	49	7	2	3.5	5.5	33	5	3			29	10	4			38	4	6			25	0	2		
18	149	2	2	10.0	16.0	109	4	4	6.0	10.5	83	4	6	5.0	9.5	57	6	6	4.0	7.0	37	7	4			41	5	4			42	5	4			25	0	2		
19	149	2	2	8.0	14.0	115	4	4	6.5	11.5	91	7	4	6.0	11.0	69	11	8	5.5	10.0	47	4	4			47	6	4			42	6	4			25	0	1		
20	151	3	4	7.0	13.0	119	4	3	6.5	12.0	95	6	4	6.0	10.0	75	8	6	6.0	10.0	53	3	7			51	4	2			42	4	4			25	0	0		
21	152	2	3	7.5	13.0	123	4	4	7.5	13.0	97	6	3	7.5	13.5	77	7	7	6.0	10.0	55	5	7			53	2	6			42	4	4			25	0	2		
22	153	2	3	7.5	13.0	123	5	3	8.0	13.5	99	6	3	7.0	12.0	79	11	4	7.0	11.5	57	3	6			53	3	4			42	4	4			25	0	1		
23	153	2	1	7.5	13.0	127	4	4	8.5	13.0	101	5	5	7.5	14.0	79	10	6	9.0	16.5	57	6	4			53	4	4			40	6	2			25	0	2		

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-DC

RN-13

MONTH-HOUR VALUES OF RADIO NOISE

Station New Delhi, India Lat. 28.8N Long. 77.3E Month December 19 61

Hour (LST)	Frequency (Mc)																																	
	.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*	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm
00	150			10.0	16.5	126			13.5	15.5	102			4.0	13.0	79			3.0	13.0	*57					*56					*35					*23				
01	151			9.0	12.0	126			13.0	14.0	105			8.0	11.0	78			2.0	12.0	*54					*60					*38					*23				
02	150			11.0	16.0	126			11.5	17.0	104			6.0	11.5	77			3.5	8.0	*55					*58					*37					*25				
03	152			11.0	15.5	128			10.0	14.0	102			6.0	11.0	75			2.0	8.0	*52					*55					*37					*23				
04	152			9.0	15.5	124			11.0	14.0	100			3.0	10.0	74			1.5	5.0	*51					*52					*35					*25				
05	152			8.0	17.0	124			9.5	16.0	102			7.0	8.0	70			3.5	10.5	*51					*50					*33					*23				
06	150			8.0	17.0	122			10.0	17.5	90			9.5	10.0	64					*47					*52					*33					*21				
07	148			7.0	16.5	114			12.5	17.5	80			9.5	10.0	66					*41					*48					*39					*25				
08	144			10.5	18.0	104			11.0	16.5	74			7.5	5.5	60			12.0	4.0	*39					*38					*38					*23				
09	144			10.0	19.0	101			11.5	15.5	76					62					*34					*33					*37					*25				
10	146			9.0	16.0	98			9.0	15.0	75					63			3.0	3.0	*35					*36					*39					*27				
11	146			8.5	18.5	110			10.0	17.5	80			10.0	12.5	68			3.0	5.5	*33					*36					*37					*28				
12	146			11.5	16.0	108			11.0	19.0	85			8.5	10.5	66			2.0	5.5	*39					*38					*36					*29				
13	147			10.0	17.0	112			11.0	18.0	90					68					*35					*38					*33					*27				
14	146			11.0	18.0	112			11.0	17.0	84			8.5	10.0	68					*40					*38					*45					*28				
15	150			12.0	18.0	112			10.5	16.5	84			8.5	10.0	68					*36					*40					*45					*29				
16	150			12.0	16.5	112			11.0	16.5	88			9.0	12.0	69			6.5	7.5	*41					*52					*45					*29				
17	148			12.0	15.0	115			11.0	14.0	96			6.0	10.0	74			4.0	8.5	*47					*56					*45					*25				
18	150			11.0	13.0	120			10.0	17.5	100			7.0	16.0	78			3.0	6.5	*51					*58					43	8	4			25	4	4		
19	152			8.0	11.0	124			11.5	16.0	100			6.0	14.0	78			3.0	9.0	53	4	14			56	4	2			43	4	8			24	5	3		
20	152			12.0	14.5	128			10.0	15.0	102			7.0	16.0	83			2.0	11.0	51	8	12			53	9	5			*43					26	3	7		
21	153			12.5	16.0	130			11.5	16.0	106			6.0	7.5	81			3.0	11.5	55	4	14			*56					43	6	6			23	8	2		
22	154					126			12.0	15.0	106			3.5	16.0	86			2.0	9.0	*55					*56					39	4	8			*23				
23	152			12.0	12.5	128			11.0	14.5	108			7.0	12.5	79			3.0	9.0	*56					*52					*37					23	6	2		

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-DC

MONTH-HOUR VALUES OF RADIO NOISE

Station New Delhi, India Lat. 28.8N Long. 77.3E Month March 19 62

Hour (LST)	Frequency (Mc)																																					
	.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	Fom	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm
00	153	5	5	*9.0	*13.5	137	8	8	11.0	16.5	116	8	9	*10.0	*16.0	97	8	14	11.0	16.0	72	5	14	6.0	10.0	58	8	8	*5.5	*8.5	44	8	5	*5.5	*7.5	22	3	1	2.0	3.5
01	152	6	5	10.5	13.5	137	5	7	10.5	16.0	114	11	8	*12.0	*17.5	93	12	11	*11.5	*15.5	71	6	15	7.0	10.5	62	4	10	*4.5	*7.5	42	6	4	*4.0	7.0	24	2	3	*2.0	*3.0
02	152	5	6	10.0	15.0	135	6	6	11.5	17.0	112	12	5	*11.0	*16.0	93	9	12	*5.5	*8.0	68	6	12	*7.0	*11.0	59	7	7	*4.5	*6.5	42	6	4	3.5	5.0	24	4	2	2.0	3.0
03	151	6	5	10.0	15.0	135	7	5	*11.5	*16.5	110	12	6	*10.0	*17.0	90	15	9	10.0	*15.5	68	8	12	7.5	10.0	58	7	8	*5.5	*7.0	42	6	5	*4.0	*5.5	24	3	2	2.0	3.0
04	152	5	6	*9.5	*15.0	133	8	6	*10.0	*15.0	111	9	8	*12.5	*17.5	87	15	7	*11.5	*17.0	65	9	9	6.0	9.5	56	6	7	*4.5	*7.5	42	5	4	*2.0	*3.5	24	6	2	*1.5	*3.0
05	150	7	5	11.0	16.0	133	4	6	11.0	17.0	110	10	7	*7.0	*13.5	83	16	8	*5.0	*7.0	62	10	4	*6.5	*9.0	52	6	4	*7.5	*8.0	40	6	5	*2.0	*3.5	24	5	2	*1.5	*3.0
06	150	4	5	*12.0	*17.5	125	10	6	*10.0	*15.0	95	14	7	*16.0	*24.0	73	24	4	*4.0	*6.5	58	12	8	*5.0	*7.5	54	6	8	*2.5	*5.0	43	7	3	*2.0	*3.5	24	2	2	*2.0	*3.0
07	148	5	8	12.0	17.5	118	20	4	*8.5	*13.5	91	31	4	*5.5	*8.5	73	16	4	*4.0	*6.5	49	15	7	*3.0	*5.0	44	10	6	*5.5	*7.0	42	4	6	*3.0	*4.5	24	4	2	*3.5	*5.0
08	144	6	4	*13.0	*18.0	*117			*16.5	*22.5	*94			*11.0	*16.5	*71			*3.0	*17.5	46	12	4	*2.0	*3.5	38	17	5	*3.0	*4.0	38	6	4	*6.0	*7.5	24	4	2	*2.0	*3.5
09	*144			*13.5	19.5	117	10	10	*13.5	*17.5	92	12	6	*11.0	*15.0	71	16	8			46	14	4	*2.0	*3.5	36	5	6	*3.5	*5.0	34	6	6			24	3	2	*3.0	*5.0
10	*144			*11.0	*16.5	*119			*15.5	*22.0	94	8	8	*8.0	*15.0	71	15	7	*2.0	*6.5	44	11	4	*2.0	*3.0	36	4	8	*3.0	*4.5	42	16	9	*3.0	*4.0	26	8	5	*4.0	*6.5
11	144	6	2	*15.0	*21.0	117	10	8	*14.5	*17.0	92	19	6	*11.0	*16.0	71	18	7	*3.0	*9.5	46	11	6	*1.5	*3.0	36	6	6	*2.0	*4.0	48	11	14	*5.0	*8.5	26	4	4	*6.0	*8.0
12	146	6	2	*16.0	*21.0	119	12	5	*16.5	*21.0	96	15	9	10.0	15.0	73	14	6	*9.0	*13.5	46	12	4	*1.5	*3.5	36	6	4	*2.0	*4.5	44	10	10	*6.0	*10.0	26	8	4	*3.0	*5.0
13	148	4	4	*15.0	*19.0	125	11	9	*12.0	*19.0	102	9	11	*11.0	*18.0	73	14	6	*7.0	*14.0	46	14	4	*1.5	*3.0	36	8	6	*3.0	*5.5	40	10	7	*4.0	*5.5	26	13	2	*3.0	*5.5
14	150	6	4	14.0	19.0	127	11	10	*12.5	*19.0	106	11	14	*11.0	*17.0	73	27	7	*4.5	*6.5	46	10	10	*3.0	*4.0	40	8	8	4.0	6.0	46	8	12	*4.0	*8.0	28	6	2	*3.0	*5.0
15	152	6	8	*15.0	*19.0	129	12	12	*13.0	*20.0	104	16	8	*9.0	*14.0	73	30	8	*9.0	*17.0	46	16	4	*4.5	*6.0	46	8	14	*5.5	*8.5	48	5	13	5.0	8.0	30	7	5	*4.5	*7.0
16	152	6	7	11.5	16.0	133	8	18	11.5	17.0	106	16	18	10.0	14.0	79	22	10	*6.0	*10.0	50	18	12	*4.0	*5.0	49	11	11	*6.0	*8.0	50	6	12	4.5	6.0	29	8	3	*4.0	*6.5
17	154	6	6	10.5	15.0	133	10	8	*11.0	*16.0	110	14	16	10.5	16.5	87	20	12	8.5	14.0	60	10	18	*4.5	*7.5	57	7	14	*4.0	*7.5	50	8	6	*3.5	*6.0	29	9	3	*5.0	*7.5
18	152	7	6	*10.0	*13.5	134	12	8	13.0	19.0	114	13	11	*8.5	*13.0	95	14	14	*8.5	*14.0	68	8	18	*5.0	8.5	62	6	12	4.0	6.5	50	8	8	*4.0	*6.0	28	8	4	*4.0	*5.5
19	152	7	5	*8.0	*12.0	135	11	10	*11.0	*17.0	116	11	12	11.0	16.5	99	10	16	8.0	15.0	72	8	12	4.5	8.0	63	5	11	4.0	7.5	50	8	4	*4.5	*7.0	26	8	4	*3.5	*5.0
20	154	6	5	8.0	12.0	135	12	10	10.0	16.0	117	11	14	9.0	17.0	97	12	14	*8.0	*15.0	70	11	9	4.5	8.0	62	6	8	5.0	7.5	46	8	2	*4.0	*6.5	24	4	2	*2.0	*3.0
21	154	6	6	8.0	12.0	137	9	7	10.0	15.5	118	10	11	9.0	13.5	99	10	16	*8.0	*13.5	70	11	10	*5.0	*7.0	60	8	8	*5.0	*7.5	44	7	6	*4.0	*6.0	24	4	4	*2.0	*3.5
22	154	5	6	8.5	13.5	137	8	6	9.5	15.0	117	9	8	11.0	16.0	97	11	13	10.5	15.0	70	12	10	5.5	10.0	60	6	10	*5.0	*7.5	42	12	4	*4.5	*7.0	22	4	0	2.0	3.0
23	154	4	6	8.5	13.0	137	7	6	10.0	14.0	118	7	10	*10.0	*15.0	99	8	15	*8.5	*13.0	70	10	10	5.5	10.0	58	8	6	*6.0	*9.0	45	9	9	*6.0	*9.0	22	2	1	*1.0	*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

USCOMM-NBS-DL

MONTH-HOUR VALUES OF RADIO NOISE

Station New Delhi, India Lat. 28.8N Long. 77.3E Month April 19 62

Frequency (Mc)

Hour (LST)	.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	155	4	2			136	6	4			116	8	8			98	9	11			66	8	8			58	4	6			46	6	8			24	4	6		
01	155	5	2			136	5	4			116	8	6			95	8	8			66	7	14			56	6	6			44	4	4			24	4	6		
02	155	4	2			135	7	3			116	8	7			97	9	13			64	10	16			56	5	8			42	6	5			24	4	4		
03	155	4	2			134	8	3			112	10	6			91	12	7			62	12	12			52	6	8			42	4	10			24	2	7		
04	155	5	2			134	5	3			112	8	6			89	10	13			60	12	11			55	5	7			38	5	9			23	3	4		
05	155	5	4			132	8	4			108	11	6			78	24	6			58	10	8			52	6	12			40	2	4			24	5	5		
06	155	3	4			125	13	3			100	22	14			71	29	8			50	16	14			50	6	14			40	6	8			24	4	4		
07	153	3	4			120	18	9			98	26	13			69	35	6			46	16	12			42	11	14			38	4	8			24	6	2		
08	153	4	5			122	18	14			97	25	5			67	31	4			46	15	12			39	12	11			34	6	4			24	4	2		
09	157	6	4			124	12	16			96	24	9			67	27	5			45	11	11			33	14	8			32	4	6			24	5	4		
10	153	3	.7			127					97	19	9			68	22	4			46	5	10			35	6	7			34	14	6			24	8	4		
11	153	6	6			126	5	9			98	16	11			73	20	7			46	5	13			35	6	6			42	8	10			24	9	2		
12	153	4	6			130	4	9			98	17	4			75	20	10			46	4	6			34	8	6			38	7	11			26	9	5		
13	155	4	4			130	7	4			108	15	10			85	16	13			46	6	6			34	11	6			38	6	6			28	4	3		
14	157	2	4			133	7	6			110	15	11			91	16	21			48	8	6			36	12	2			44	3	4			30	2	4		
15	157	4	3			132	10	4			112	15	14			92	16	20			48	19	6			41	11	8			44	5	9			30	4	3		
16	157	4	2			134	10	8			112	13	14			90	19	21			50	20	8			46	12	8			45	5	5			32	4	6		
17	157	6	2			132	15	8			114	10	14			90	19	15			54	10	13			54	8	8			48	6	4			34	6	8		
18	157	4	4			134	9	7			116	8	8			95	12	8			62	8	8			57	9	7			52	13	6			33	8	9		
19	157	4	4			138	6	6			118	6	4			99	8	8			68	8	8			58	9	8			51	7	7			30	7	5		
20	157	4	4			138	4	6			119	6	5			99	8	6			72	6	10			59	6	7			50	6	8			27	7	5		
21	157	4	2			138	4	4			120	6	6			101	0	3			70	8	9			61	5	10			48	4	6			24	6	8		
22	157	4	4			138	3	3			120	3	6			101	6	6			70	6	10			60	6	8			44	4	6			22	3	3		
23	155	4	2			136	4	4			118	7	6			99	8	10			68	6	12			58	6	8			46	2	6			24	5	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 New Delhi, India Lat. 28.8N Long. 77.3E Month May 19 62

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	2	0	10.0	16.0	136	3	2	*10.0	*15.5	116	5	3	9.5	13.0	96	7	5	9.0	14.0	67	6	11	5.5	9.5	54	4	8	5.5	7.5	47	7	6	4.0	7.5	23	5	6	2.0	4.0
01	154	2	0	*10.0	*15.0	136	5	5	*10.0	*14.5	116	8	3	8.0	12.5	96	12	5	8.0	13.5	66	7	6	5.0	8.5	51	12	8	*4.0	*6.0	48	6	8	6.0	9.5	23	5	5	1.5	4.0
02	155	2	3	*12.0	*17.5	136	4	3	11.0	15.5	118	4	7	11.0	16.0	94	7	4	10.5	16.5	66	8	10	7.0	11.0	52	8	4	5.0	6.5	47	8	5			23	2	4	1.5	4.5
03	154	2	2	13.0	18.5	135	4	4	13.0	19.0	116	4	9	10.0	16.5	93	7	5	10.0	16.0	64	6	11	5.5	9.5	52	8	6	*3.0	*6.5	47	9	5	2.0	5.0	23	1	5	2.0	3.5
04	154	2	4	*13.0	*18.0	135	3	5	*11.5	*18.0	113	7	9	12.5	18.0	88	8	6			66	7	14	5.0	8.0	52	11	10	*2.0	*7.0	45	6	10	3.0	6.0	23	2	8	1.0	3.5
05	154	2	3	13.5	20.5	128	10	4	*13.0	*19.0	102	18	12	17.0	23.0	71			7.0	8.5	54	14	7	7.0	10.0	50	8	12	*1.5	*2.5	46	6	4	2.5	6.0	23	3	4	1.0	3.5
06	152	4	2	*13.0	*20.5	*124			*11.5	*19.5	*102			16.0	24.0	70			4.0	9.0	50	8	10	2.0	5.0	*42			*1.5	*4.5	45	5	13	3.0	7.0	25	11	5	2.5	5.0
07	152	6	2	*14.0	*21.0	122	18	6	*14.5	*23.0	*101			6.0	12.0	70	30	6	4.5	8.5	48	11	9	1.5	4.0	*41			*2.0	*5.0	39	8	6	3.0	7.0	23	4	2	2.0	5.0
08	*152			*14.0	*21.0	*126			*13.5	*21.5	*100			10.0	17.5	72			2.5	9.0	47	11	9	4.0	5.0	*54			*4.0	*5.0	37	12	2	3.0	6.0	23	10	2	3.0	5.0
09	152	5	3	*14.0	*22.5	126	8	2	*14.0	*19.5	*98			14.0	19.0	72			3.0	4.5	48	6	7	2.0	4.5	*37			*3.0	*5.0	*35			3.5	8.0	*27			4.5	6.0
10	154	2	4	*17.0	*22.5	*126			*15.0	*19.5	*98			15.0	21.0	73			9.0	13.0	46	10	6	2.0	4.5	*36			*4.0	*7.0	*37			3.0	5.5	*27			5.0	7.0
11	154	4	6	*14.0	*19.5	128	6	6	*13.0	*19.0	102	16	10	14.5	21.0	82	14	16	5.5	8.0	*48			*1.5	*4.0	*36			*0.5	*3.0	*44			4.0	8.5	27	13	4	4.0	6.0
12	155	5	5	*12.5	*17.5	131	8	5	13.0	18.5	104	17	7	11.5	17.5	82	19	14	7.0	11.0	48	6	7	3.0	5.0	*38			*4.5	*7.5	*43			4.0	6.0	29	16	4	4.5	6.0
13	156	6	2	*11.0	*17.5	132	11	4	*13.0	*17.0	110	15	10	11.0	16.0	88	18	14	12.0	17.5	50	11	10	3.0	6.0	*38			*2.5	*5.0	43	8	8	3.0	5.0	29	6	4	3.5	5.5
14	158			*11.0	*15.5	136	12	6	*11.0	*15.0	*116			10.5	15.5	98			12.0	18.5	*47			4.0	6.0	*36			*5.0	*7.0	45	10	6	2.0	5.0	*29			3.0	5.0
15	160			*9.5	*13.5	136	10	6	*10.0	*14.5	116	12	14	10.0	15.0	97	13	21	9.0	15.0	*50			5.5	8.5	*42			*6.0	*8.5	47	10	6	4.5	8.0	*31			3.0	5.0
16	160	4	6	*9.5	*13.0	140	8	12	11.5	16.0	118	12	14	10.0	14.5	99	13	17	13.0	18.0	48	21	6	4.5	7.5	*44			*4.0	*7.0	47	10	4	5.0	7.0	31	6	6	3.0	5.5
17	160	2	4	*10.0	*15.0	139	9	9	*9.5	*14.0	118	14	12	11.0	16.0	100	18	20	11.0	17.0	52	25	10	3.5	6.5	*53			*3.0	*7.0	53	12	7	5.5	9.5	31	7	6	5.0	8.0
18	158	6	6	*11.0	*16.5	139	12	11	*11.0	*15.0	116	18	8	9.5	12.5	92	27	11	7.5	10.5	60	19	10	6.0	9.0	56	12	6	*4.0	*7.0	53	14	6	6.0	9.0	35	10	9	5.5	8.5
19	158	6	8	11.0	15.0	138	13	7	*9.5	*13.5	119	16	7	8.0	13.0	96	22	6	8.0	13.0	68	15	10	4.5	7.0	58	13	6	*4.0	*7.0	55	7	6	5.0	9.0	31	12	5	4.0	8.0
20	158	3	4	*9.5	*15.0	140	5	4	11.0	15.5	120	7	6	8.5	15.0	97	13	7	8.0	11.0	70	8	9	5.5	8.5	57	8	4	5.5	8.5	53	7	4			27	10	5	4.0	6.0
21	157	3	3	*10.0	*16.0	138	7	3	*13.0	*16.0	117	15	3	8.0	12.0	96	13	5	7.5	13.0	69	6	5	4.5	8.0	58	7	10	*5.0	*8.5	51	5	5	3.5	6.5	27	11	7	5.5	7.5
22	157	4	3	*11.0	*16.0	136	6	2	*9.5	*14.0	118	4	5	8.0	12.5	96	7	5	6.5	11.5	66	7	6	6.5	10.0	55	7	9	*5.5	*9.0	49	3	7	8.0	12.0	25	6	8	3.0	5.0
23	156	2	2	*10.5	*16.0	136	2	4	*9.5	*14.0	116	4	5	7.0	11.0	96	7	6	8.0	13.0	68	3	3	5.0	8.0	56	7	16	*5.0	*8.0	42	2	2	5.0	9.0	24	2	7	3.5	6.0

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. 28.8N Long. 77.3E Month August 19 62

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	153	6	3	7.0	11.0	136	12	4	6.0	9.5	119	11	9	8.0	12.5	100	15	15	6.5	11.0	63	12	5	4.0	6.0	60	10	8	4.0	6.0	43	7	2	5.0	5.5	29	3	3	2.0	3.5
01	153	6	3	8.0	11.5	137	7	7	6.0	10.0	119	8	10	6.0	11.0	99	13	15	6.0	10.0	66	12	14	9.0	10.5	58	8	8	4.0	6.0	41	6	2	4.0	5.5	29	2	4	3.5	4.0
02	153	6	4	7.5	12.0	137	6	7	6.5	11.0	118	9	10	8.0	11.0	98	13	16	7.5	13.5	67	13	9	6.0	8.5	58	10	6	4.5	6.5	42	3	5			29	2	4	1.5	3.0
03	153	4	4	8.5	13.0	137	8	9	7.5	11.5	117	8	11	8.5	13.0	96	12	14	6.0	11.5	66	14	12	5.0	7.0	58	6	6	4.0	6.5	43	4	4	2.5	4.0	29	2	5	1.5	2.5
04	153	5	4	8.5	13.0	134	9	6	10.5	15.5	115	9	8	8.0	14.0	92	15	10	10.0	15.0	66	14	14	5.5	8.0	56	10	6	4.0	6.0	41	4	5	2.0	3.0	29	3	4	2.0	3.0
05	153	5	3	7.5	12.0	132	8	6	6.5	11.0	109	12	12	11.0	16.0	83	17	11	9.0	16.0	64	11	14	6.0	8.0	55	4	6	5.0	6.0	41	5	3	3.0	3.5	27	6	4	2.0	2.5
06	151	6	3	10.0	14.0	127	11	7	9.0	15.0	111	14	24	*15.5	*22.5	81	22	13	13.0	17.5	54	15	9	4.0	5.0	50	10	6	6.5	7.5	41	7	2	4.0	5.0	27	4	4	1.5	2.0
07	149	4	5	10.5	15.0	124	11	12	*13.5	*17.5	99	23	18	*9.0	*15.0	82	18	18	*12.0	*19.0	50	14	6	2.5	5.0	46	16	6	2.5	3.0	39	6	4	2.5	3.0	27	4	4	2.0	3.0
08	147	8	5	12.0	15.5	118	18	12	*12.0	*18.0	97	24	13	*7.5	*18.5	74	19	12	*6.5	*9.0	46	10	4	2.5	5.0	50	13	6	3.0	5.0	39	6	6			27	11	6	4.5	5.0
09	147	10	3	11.0	16.5	*119			*13.5	*14.5	91	32	9	*11.5	*16.5	71	29	6	3.5	8.5	46	13	9	11.5	12.5	42	12	9	6.0	7.0	35	8	5	3.0	5.0	27	5	5	7.0	7.0
10	147	2	3	6.5	12.5	*120			*15.0	*15.0	89	34	4	*10.5	*15.0	72	34	6	*9.0	*10.0	44	10	5	3.0	4.0	42	11	15	5.0	5.0	35	11	5	4.0	6.5	27	6	3		
11	149	8	2	*6.5	*12.5	*120					96	38	9	*7.0	*12.0	76	41	10	*8.0	*13.0	47	11	8	3.0	4.0	44	21	14	5.5	6.5	42	7	8	5.0	8.5	27	8	2	8.0	10.0
12	*151			*10.0	*15.0	132	20	6	*11.0	*16.0	108	18	15	*8.0	*17.5	87	27	15	7.0	11.0	49	7	9	4.0	4.5	41	23	11	3.0	4.0	39	13	6	6.0	7.0	27	7	2	3.0	4.5
13	155	4	8	9.0	14.0	136	12	10	*8.0	*13.0	117	13	18	*7.0	*12.5	96	16	24	*4.5	*7.5	50	25	10	8.0	12.0	44	23	11	7.0	8.0	37	12	4	5.5	6.0	27	8	5	8.5	10.0
14	157	5	4	9.0	14.0	137	13	9	*8.5	*14.0	117	10	16	*9.5	*16.0	96	19	14	*10.0	*17.5	53	25	15	2.5	3.5	44	19	9	14.0	15.0	43	9	4	3.0	4.0	29	3	4		
15	157	2	4	9.0	14.0	136	6	6	*10.5	*14.5	118	14	7	*12.0	*17.0	96	17	13	*4.5	*11.5	54	18	14			48	6	4	3.0	5.5	43	6	4			31	6	4	5.5	6.0
16	158	5	3	11.0	14.5	138	8	6	*9.5	*13.5	119	14	7	12.0	15.0	97	17	11	*8.5	*12.0	60	12	15	10.0	12.0	52	12	6	4.0	5.5	47	5	4	4.5	7.0	33	4	6	4.5	6.5
17	158	5	4	9.0	13.0	136	12	8	11.0	14.5	118	12	9	14.0	20.5	92	13	9	12.0	16.0	58	19	8	5.5	7.5	56	10	6	5.0	7.5	49	4	4	5.0	7.5	31	8	2	5.0	5.5
18	155	6	2	8.5	12.5	134	11	8	9.5	14.5	117	13	6	10.0	15.0	97	14	12	8.5	14.0	65	12	10	7.0	10.0	60	7	11	5.0	6.5	50	7	7	5.5	6.5	31	4	4	2.5	4.0
19	153	6	2	8.0	12.0	138	6	6	9.5	14.0	119	8	26	10.0	15.0	100	8	7	7.0	12.0	66	12	4	4.0	7.5	62	6	8	5.0	7.0	49	4	4	6.5	9.0	29	4	2	4.0	4.5
20	153	2	4	7.0	10.5	136	5	7	7.0	12.0	119	6	8	6.0	12.5	100	8	6	6.5	11.5	68	8	6	2.5	6.0	62	9	10	3.0	5.5	49	4	5			29	5	4	6.0	7.0
21	155	2	4	6.5	11.0	136	10	6	9.0	13.0	118	7	5	9.5	13.5	99	11	5	9.0	14.5	68	8	8	5.0	8.0	60	10	6	4.0	5.0	47	4	4	7.0	8.0	29	4	4	3.5	4.0
22	153	2	6	8.5	12.0	136	10	4	9.0	12.0	117	10	4	9.0	14.0	100	13	7	10.0	15.0	66	6	8	5.0	7.0	60	6	8	4.5	6.0	45	7	2	5.5	7.0	29	4	3	3.5	4.5
23	153	8	2	7.0	10.0	134	10	4	8.0	12.0	117	11	7	8.5	13.0	100	12	13	8.0	14.0	66	10	10	3.0	6.0	58	10	6	4.0	6.0	45	6	4	3.5	5.0	27	4	2	3.0	4.0

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

MONTH-HOUR VALUES OF RADIO NOISE

Station Ohira, Japan Lat. 35.6N Long. 140.5E Month June 19 62

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	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	7	1	11.5	17.0	131	3	5	*9.5	*15.5	107	7	5	*8.5	*15.5	83	14	6	7.0	14.0	63	4	10	5.5	9.0	58	6	3	3.5	6.0	44	5	4			26	4	1	1.5	3.0
01	154	4	1	*8.0	*12.5	131	4	5	9.0	15.5	107	8	6	*8.5	*15.0	83	10	7	7.5	13.0	61	8	7	4.5	8.0	58	5	5	4.0	7.5	43	4	4	3.0	4.5	26	3	1	1.0	3.0
02	154	4	1	*8.0	*14.0	129	5	2	*9.0	*15.0	107	4	4	7.5	15.5	81	12	4	7.5	11.0	60	4	6	5.5	9.0	56	5	2	4.5	7.5	43	5	4			25	2	0	1.5	3.0
03	155	3	2	8.0	13.0	131	2	4	10.0	17.0	107	5	5	*8.0	*15.0	83	3	6	9.0	15.5	59	7	6	5.5	10.0	56	4	3	4.5	8.0	41	4	4			25	2	0	1.0	3.0
04	154	4	3	*9.5	*15.0	127	6	2	*10.0	*18.0	99	8	7	*8.0	*18.0	65	9	9	11.5	13.5	57	4	4	5.5	9.0	56	5	4	3.0	6.0	38	4	3			25	2	1	1.0	3.0
05	152	3	3	*10.5	*15.0	123	2	4	*10.5	*17.0	83	11	4	*12.0	*18.0	57	8	4	6.0	10.0	47	3	5	5.5	9.0	50	4	4	5.0	8.0	39	6	4	3.0	5.5	25	2	1	1.5	3.0
06	152	2	3	*8.5	*15.0	117	6	4	*11.0	*17.0	80	12	9	*11.5	*21.5	58	8	3	9.5	20.0	39	3	2	5.5	8.0	40	11	3	3.0	4.5	36	4	3	5.0	8.5	25	2	1	1.5	3.5
07	152	1	3	*8.0	*14.0	113	7	2	*10.0	*17.5	85	9	11	*12.0	*17.0	57	6	4	3.5	6.5	37	4	2	4.0	7.0	38	7	5			32	5	3			25	2	0	1.5	3.5
08	150	5	1	*10.5	*15.0	116	8	5	*13.0	*17.0	85	7	10	*16.0	*22.0	58	11	3	2.5	4.0	37	3	2	8.0	11.0	40	3	8	6.5	7.0	31	6	4	3.0	8.0	25	3	2	1.5	3.5
09	151	4	2	*10.0	*17.0	117	7	4	*16.0	*20.0	82	10	7			*59					37	3	2	10.5	13.0	38	4	4	7.5	10.5	29	12	2	6.5	9.0	*25			0.5	2.0
10	*150			*11.0	*16.0	*119			*7.5	*13.0	83	8	6	*16.5	*23.5	61	12	4	1.0	3.5	*36			9.0	11.5	*36			6.0	8.0	27	4	2	2.0	4.0	25	4	2	1.0	2.5
11	152	1	3	*11.0	*16.0	121	4	4	*13.0	*18.0	83	6	8	*4.0	*7.0	58	7	2			37	2	2	8.0	8.0	36	3	6	6.0	8.5	27	4	2	4.5	7.0	25	2	2	2.0	3.5
12	152	2	4	14.0	18.0	121	4	4	*11.0	*16.5	85	5	9	*12.5	*19.0	58	10	3	2.0	4.0	35	4	2	9.0	12.5	34	9	4	4.5	7.0	27	5	4	4.0	6.0	25	2	2	1.5	3.5
13	152	4	3	*10.0	*16.0	121	6	3	9.0	14.0	85	10	7	*11.0	*16.0	61	10	4	17.0	24.0	36	3	4	7.5	10.5	34	7	4	7.0	10.0	29	8	6	4.0	6.5	25	7	2	2.0	4.0
14	154	2	1	10.0	16.0	123	2	3	7.0	12.0	85	10	3	6.0	11.0	59	7	2	10.0	16.5	37	1	3	7.5	10.5	34	9	2	5.0	8.0	31	8	5	4.5	7.0	27	4	2	3.0	5.0
15	154	3	2	9.5	13.0	125	3	5	8.0	13.5	87	14	4	10.0	17.0	59	14	2	>20.0	>30.0	35	3	2	6.0	8.0	38	9	6	3.0	6.0	33	6	4	3.0	5.5	27	2	2	2.0	3.5
16	156	3	4	9.0	13.0	123	3	4	*6.0	*10.0	85	5	7	9.5	15.5	59	7	2	12.0	23.0	37	5	1	4.0	7.5	39	6	4	7.5	10.5	37	4	2	3.0	6.0	29	4	3	2.5	3.5
17	156	4	4	8.0	14.0	121	4	4	*6.5	*11.0	83	11	8	7.5	12.5	59	20	3	3.5	7.0	37	11	0	4.5	7.5	44	2	12	3.0	6.0	42	3	3	3.5	7.0	29	3	2	2.5	4.5
18	155	3	3	*7.0	*12.0	119	4	6	*6.0	*10.5	85	5	5	*8.5	*14.0	67	5	6	3.5	6.0	43	2	2	4.0	7.0	50	12	2	2.5	4.5	45	6	4	3.5	6.0	31	1	4	2.0	4.0
19	154	3	3	7.0	12.0	123	4	4	*9.0	*14.5	97	6	5	*5.0	*11.0	73	7	3	8.5	12.5	49	6	2	5.0	8.0	60	4	3	6.0	10.0	45	6	3	4.0	7.0	31	2	4	2.5	4.0
20	156	3	2	*9.5	*14.5	129	4	4	*10.5	*17.0	107	6	9	7.0	14.0	79	8	6	7.0	14.0	56	9	5	4.0	7.5	68	5	8			47	4	6	4.0	7.0	29	4	2	1.5	4.0
21	156	3	3	9.0	14.5	131	3	5	9.0	15.5	109	5	8	*7.5	*13.5	83	5	7	7.0	14.0	59	12	6	4.5	8.0	70	5	5			47	3	5	4.0	7.5	27	2	2	1.0	3.0
22	155	4	3	*9.5	*15.0	131	2	5	*10.0	*17.0	109	5	8	*7.0	*14.0	83	8	6	7.0	14.0	61	9	8	4.0	7.5	62	10	4	3.0	6.0	44	5	3	3.0	5.5	27	2	0	1.0	2.5
23	156	3	4	11.0	16.0	131	5	5	10.0	17.0	107	7	6	*8.0	*15.0	83	12	5	7.0	13.0	61	8	6	5.5	9.5	59	7	5	4.5	8.0	44	5	3	3.0	6.0	27	2	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 Ohira, Japan Lat. 35.6N Long. 140.5E Month July 19 62

Frequency (Mc)

Hour (LST)	.013					.051					.160					.495					2.5					5					10					20				
	Fam	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	Fam	Du	Dℓ	Vdm	Ldm	Fam	Du	Dℓ	Vdm	Ldm
00	159	6	4	9.0	14.0	132	7	4	*8.0	*15.0	111	7	7	*7.0	*13.0	87	9	6	6.0	11.5	64	8	5	4.5	9.0	60	6	5	4.0	8.5	43	8	4	3.0	5.5	26	2	2	*1.0	*2.0
01	159	7	5	9.0	15.0	133	7	5	*10.0	*15.0	112	5	6	8.0	15.0	89	8	6	7.0	13.5	64	6	4	*4.5	*9.0	60	3	5	4.0	7.5	43	8	4	6.0	11.0	26	3	2	1.5	3.0
02	159	8	4	9.5	15.0	132	8	4	*10.5	*17.5	111	7	4	*9.0	*16.0	87	12	4	10.0	18.0	64	6	4	*5.0	*8.0	60	4	5	4.0	8.0	39	10	2	4.0	7.5	24	2	3	1.5	2.5
03	157	7	2	*9.5	*15.0	132	6	4	*10.0	*17.0	111	5	4	9.5	16.0	87	6	7	9.0	17.0	63	8	4	5.5	11.0	58	9	2	*5.0	*8.0	39	5	4	3.5	6.0	24	3	2	1.0	2.5
04	157	7	3	*10.0	*15.0	130	6	5	*10.0	*17.0	103	9	7	*8.0	*15.0	67	13	7			62	6	6	5.0	10.0	58	6	5	*5.5	*10.0	37	7	4	4.5	7.5	24	2	1	1.0	3.0
05	157	4	4	9.5	15.0	126	8	6	*11.0	*17.0	89	23	8	*15.0	*23.5	61	29	8			48	9	8	*7.0	*12.0	52	7	7	*6.0	*9.0	37	7	4	6.0	10.5	24	2	3	*1.0	*3.0
06	155	6	3	9.0	14.5	124	10	10	*10.5	*17.0	89	16	14			61	29	6	4.0	6.5	42	13	4	*7.0	*10.0	42	15	6	*7.0	*10.0	37	16	4	5.0	8.0	24	4	1	*2.5	*4.0
07	157	5	6	9.5	14.0	122	13	11	*10.0	*14.0	89	23	11	*12.0	*17.0	60	28	4	7.0	10.0	40	9	2	6.0	10.0	38	12	5	*5.5	*9.0	35	21	7	5.5	8.0	26	3	3	1.5	3.5
08	156	6	5	10.5	16.0	124	7	9	*13.0	*20.0	91	22	10	*11.0	*17.0	63	25	6	4.0	6.0	40	6	2	*7.5	*11.0	36	12	4	*6.0	*9.0	33	20	6	5.5	7.5	24	4	2	2.0	4.0
09	157	4	5	10.5	16.0	124	8	8	*8.0	*14.5	91	16	6	*8.5	*13.5	64	17	7			38	10	2	*7.0	*10.0	34	9	4	*7.5	*10.0	31	14	6	7.0	9.5	24	2	2	*2.5	*4.0
10	*155			*11.5	*17.0	*126			*12.5	*19.0	91	18	8	*7.5	*14.0	66	14	7	10.5	14.0	38	8	0	*7.5	*10.0	36	3	3	*5.5	*8.0	29	8	2	8.0	12.0	24	4	1	*2.0	*4.0
11	157	4	4	*10.0	*15.0	126	12	5	*11.0	*18.0	91	15	10	*6.5	*11.0	63	15	5			39	11	3	*7.5	*11.0	32	16	2	*6.0	*9.0	29	18	2			24	4	0	*2.0	*4.0
12	157	6	2	10.0	17.0	126	7	5	11.0	16.5	91	18	7	*7.5	*13.0	61	21	4	2.5	4.0	38	11	4	*7.5	*11.0	32	10	2	*6.0	*10.5	29	16	4	3.0	5.0	24	4	2	2.0	4.0
13	157	4	2	*9.0	*14.0	126	10	6	*9.5	*15.5	91	14	7	*9.0	*13.5	65	15	6	7.5	10.0	38	6	4	*8.0	*11.5	34	8	4	*5.5	*7.0	31	19	6	5.0	9.0	26	3	2	*2.0	*3.5
14	159	4	2	8.5	14.0	126	13	4	*7.0	*12.5	93	25	6	*7.5	*12.5	66	30	8	4.5	6.0	40	15	4	*7.0	*10.5	35	9	4	*7.5	*10.0	35	18	8			26	3	3	*2.5	*4.0
15	161	6	4	7.0	12.0	128	15	4	*7.0	*11.5	97	30	12	*5.0	*9.5	73	27	13			39	15	5	*13.0	*19.5	38	9	6	*6.5	*9.5	37	12	7	2.5	5.0	28	2	4	2.5	4.0
16	161	7	3	*6.0	*11.0	128	13	5	*6.0	*11.0	93	29	10	*5.5	*9.5	67	33	9	9.5	13.0	42	18	4	*7.5	*10.5	40	15	4	*7.0	*10.0	39	16	5	8.0	12.0	28	3	3	*1.5	*4.0
17	161	5	2	5.5	10.5	126	15	6	*6.0	*11.0	91	31	8	*7.0	*11.0	66	29	7	3.5	7.0	45	19	7	*5.0	*8.0	46	11	5	*5.5	*9.0	43	17	4	3.0	6.0	28	4	4	*2.0	*3.5
18	161	4	4	6.5	11.0	126	10	6	*7.0	*11.5	91	25	6	*9.0	*15.5	73	22	10			40	20	5	*7.5	*12.0	52	6	7	*4.0	*7.5	43	20	2	5.0	8.0	28	2	3	*2.0	*4.0
19	159	4	3	6.5	11.0	128	7	5	7.5	11.5	91	12	8	*9.0	*14.0	79	16	10	12.0	18.0	56	13	6	*5.0	*9.0	60	7	8	*3.0	*6.0	46	23	5	3.0	6.0	28	4	2	*2.0	*3.5
20	159	3	3	*7.0	11.5	130	8	4	*7.0	*12.0	109	9	11	*9.5	*9.0	84	14	5	7.0	13.0	62	5	7	*3.0	*7.0	60	6	4	*5.0	*9.0	47	13	4	4.5	8.0	28	4	3	*2.0	*4.0
21	159	5	2	7.5	13.5	132	4	4	7.0	12.5	111	4	6	6.5	12.0	87	5	6	6.0	13.0	64	5	6	*4.0	*8.0	70	4	5	*4.5	*8.0	45	11	3	6.0	11.0	26	5	1	2.0	3.5
22	159	4	2	9.0	14.5	132	4	4	7.5	12.5	111	5	6	6.5	12.5	87	6	4	8.0	14.0	64	5	6	*4.5	*8.0	62	10	4	*4.0	*7.5	47	8	5	8.5	14.5	28	2	3	1.5	3.5
23	159	4	4	9.0	14.5	132	5	5	8.0	14.0	111	5	6	*7.5	*14.0	87	2	4	6.5	13.0	60	12	2	5.0	8.5	60	12	4	*4.5	*8.0	45	11	4	5.5	9.0	26	2	2	1.0	2.5

F_{om} = median volue of effective antenna noise in db above ktb
D_u = rotio of upper decile to median 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} = median deviation of averoge logorithm in db below mean power

USCOMM-NBS-FL

RN-13

MONTH-HOUR VALUES OF RADIO NOISE

Station Ohira, Japan Lat. 35.6N Long. 140.5E Month August 19 62

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	4	4	*11.0	*16.0	132	6	5	*9.0	*16.5	115	4	10	*10.0	*17.0	92	6	9	8.0	15.0	64	6	6	5.5	10.5	58	4	2	4.0	8.0	41	3	4	6.0	11.0	26	0	1	*0.5	*2.0
01	156	5	6	11.0	17.0	134	8	8	*6.5	*14.0	113	10	6	8.5	17.0	91	10	8	8.0	15.0	64	5	5	6.5	11.0	58	2	3	5.5	9.5	38	6	3	4.0	7.0	26	0	3	*1.0	*2.5
02	157	3	6	*11.0	*17.0	134	7	8	*8.0	*15.0	113	10	8	9.0	17.5	94	10	12	8.5	15.0	64	6	6	7.0	12.5	56	5	3	6.0	11.0	36	11	4	5.5	8.0	26	0	4	*1.0	*2.5
03	156	4	5	*11.5	*17.5	134	9	9	*11.0	*18.0	113	9	9	9.5	18.0	92	12	13	9.0	17.0	64	8	8	7.0	13.0	56	5	5	4.5	9.0	35	6	4	4.5	7.5	26	0	3	*1.0	*2.5
04	155	5	4	13.0	19.0	132	10	8	*10.5	*18.0	111	10	11	11.0	19.0	85	11	16	10.0	16.0	62	9	7	8.0	13.5	60	6	4	6.5	12.5	35	3	4	4.0	6.5	24	2	1	*1.5	*3.0
05	154	6	5	12.0	16.5	124	14	7	12.0	19.0	95	16	13	17.0	22.0	64	20	6	*6.5	*10.0	55	9	7	9.5	15.0	54	6	3	6.5	11.0	35	4	3	5.5	8.0	24	2	0	*2.0	*3.0
06	152	6	8	10.0	15.0	122	14	8	11.5	17.5	87	28	10	*15.5	*20.5	61	24	3	*11.0	*18.5	46	8	5	10.5	15.0	46	4	9	10.5	13.5	36	3	4	7.0	10.0	24	3	2	*1.0	*2.5
07	152	8	4	10.0	16.0	118	15	8	12.0	17.0	89	23	9	*13.0	*17.5	63	19	6	*2.5	*4.5	42	5	2	12.0	15.5	40	8	6	10.0	13.5	33	4	2	9.0	11.5	26	2	3	*2.0	*4.5
08	152	8	4	11.0	16.0	120	11	10	10.5	16.0	91	22	10	*13.0	*18.0	64	28	4	*4.5	*7.0	42	6	2	15.0	18.5	37	6	3	9.0	12.0	31	4	4	6.5	9.0	24	3	2	*2.0	*3.5
09	152	4	4	11.0	16.0	*122			*6.5	*11.5	*92			*5.0	*8.5	*66					40	9	3	16.0	19.0	*36			12.5	18.0	*30					*26				
10	*153			*13.0	*19.0	122	14	10	12.0	17.0	91	19	10	12.0	17.0	64	20	6			*46			14.0	26.0	*37			8.5	11.0	30	20	1	7.0	9.0	26	0	2	*2.5	*4.0
11	152	4	2	13.0	18.0	122	10	4	11.5	17.0	93	22	10	12.5	18.0	67	22	9	*3.0	*5.0	*42			11.0	20.0	36	27	2	10.0	13.5	31	7	5	9.0	11.5	24	2	2	2.0	4.0
12	154	5	6	12.0	16.0	126	10	10	13.0	18.0	93	23	9	9.0	13.0	66	29	8	*10.0	*15.0	42	15	4	12.0	20.0	36	13	5	11.0	17.0	31	3	5	9.0	12.0	26	2	2	2.5	4.0
13	156	5	5	12.0	18.0	128	14	8	12.0	19.0	97	23	13	6.5	12.5	68	29	8	*8.5	*16.0	40	18	4	8.5	18.0	36	11	4	10.5	14.5	31	5	2	9.0	12.0	26	2	3	*2.0	3.5
14	156	6	2	9.5	16.0	128	4	6	8.0	13.5	97	26	12	11.0	16.0	74	26	12	*8.0	*15.0	42	8	3	11.5	17.5	38	8	5	11.0	15.0	35	5	4	8.0	11.0	26	4	2	3.0	4.5
15	158	4	2	8.0	14.0	128	12	6	8.0	14.0	100	23	15	13.0	21.0	77	29	17	9.5	20.5	42	10	4	11.5	18.0	40	12	6	9.0	13.0	37	4	5	5.0	8.0	28	4	3	2.0	4.0
16	158	8	2	7.5	13.0	128	6	7	11.5	16.5	103	22	18	13.0	18.0	72	29	12	*8.0	*18.0	47	19	8	11.0	16.5	44	11	10	8.5	15.0	39	5	4	4.0	6.5	28	4	3	2.5	5.0
17	158	4	4	7.0	13.0	124	15	10	7.0	11.0	95	30	10	12.5	20.0	70	30	8	14.0	14.0	48	16	6	9.5	15.0	50	8	8	4.0	8.0	41	6	2	4.5	8.5	28	4	2	2.0	4.0
18	156	4	4	7.0	12.0	126	18	10	12.0	18.0	103	21	12	9.5	16.0	83	18	12	10.0	17.0	52	12	6	6.5	11.0	54	8	6	5.5	9.0	43	4	2	4.0	7.5	28	4	2	1.0	2.5
19	156	6	2	8.0	13.5	127	14	5	*8.0	*11.5	108	15	7	*9.0	*17.0	86	15	7	8.0	11.5	56	13	4	6.0	11.5	66	4	8	5.5	11.0	43	5	2	3.0	4.0	28	2	2	1.0	2.5
20	158	3	6	9.0	14.5	131	7	7	*7.5	*13.0	111	8	4	*5.5	*10.5	90	7	10	7.5	13.0	62	6	6	5.0	8.5	66	4	4	6.0	11.0	43	4	4	5.0	8.0	28	0	3	1.0	2.5
21	156	4	2	9.0	14.0	132	4	5	*8.0	*14.0	111	4	4	*11.0	*16.5	90	5	6	5.5	11.5	62	6	4	6.0	11.0	68	6	8	7.5	13.5	43	15	4	4.5	7.0	26	2	0	1.0	2.0
22	156	4	4	8.0	13.0	132	6	4	*9.5	*16.5	113	10	6	7.0	13.0	92	6	8	7.0	12.5	62	4	2	7.0	12.0	58	10	4	3.0	7.0	41	6	4	3.0	5.5	26	2	2	1.0	3.0
23	156	4	2	*9.5	*15.0	132	7	4	*7.0	*12.5	113	6	8	9.0	16.0	92	7	11	6.5	12.0	64	4	6	8.0	12.0	58	4	2	5.5	10.0	41	2	4	4.0	6.5	26	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 Pretoria, S. Africa Lat. 25.8S Long. 28.3E Month June 1962

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	142	7	6			132	11	8			107	15	9			95	14	6			67	10	8			57	7	6			32	6	2			21	0	0		
01	142	6	5			132	14	8			107	13	9			95	15	6			66	13	6			57	10	4			32	6	2			21	0	0		
02	142	6	6			131	13	7			107	16	9			93	16	5			65	12	6			57	8	5			30	8	0			21	0	0		
03	142	8	7			131	14	7			104	15	6			93	16	6			65	14	6			56	11	5			30	5	0			21	0	0		
04	142	6	7			132	12	8			104	16	8			91	18	6			65	13	8			57	8	6			30	6	0			21	0	0		
05	142	8	6			130	16	8			102	18	8			87	20	4			65	16	10			57	8	8			30	4	2			21	0	0		
06	140	8	6			126	14	6			90	20	9			71	16	10			61	18	16			54	13	5			32	6	2			21	0	0		
07	140	10	8			122	18	10			74	36	8			65	18	6			49	10	11			49	14	6			38	14	6			21	2	0		
08	136	14	3			120	17	12			*83					63	8	2			47	7	3			45	9	7			*36					*21				
09	138	10	6			120	17	14			78	28	8			65	8	4			47	4	0			45	6	4			30	22	4			21	0	0		
10	136	14	5			118	19	13			76	31	6			65	9	4			47	3	2			43	6	2			30	21	6			21	2	0		
11	136	13	4			118	18	10			78	30	9			65	8	4			47	2	2			43	7	2			28	23	4			21	2	0		
12	138	11	6			118	16	6			78	29	9			63	9	4			47	2	4			41	7	6			28	22	5			21	2	0		
13	140	8	6			122	12	9			86	19	18			63	6	4			45	2	4			41	6	8			30	20	4			21	2	0		
14	142	6	7			126	8	12			86	19	17			65	6	7			45	2	4			43	6	10			40	10	13			21	2	0		
15	142	6	6			126	9	10			88	15	21			63	15	4			45	6	6			43	11	8			38	14	8			21	3	0		
16	142	4	6			126	10	10			86	19	16			65	20	5			46	15	6			47	13	6			41	10	6			21	2	0		
17	142	6	7			124	12	8			96	13	20			76	18	16			53	17	6			57	9	11			40	8	2			21	2	0		
18	142	6	7			128	12	12			98	12	10			87	15	6			62	11	10			57	9	8			40	3	2			21	0	0		
19	142	6	5			128	10	6			102	12	10			91	12	4			63	12	6			55	12	5			36	6	3			21	0	0		
20	142	6	3			128	10	4			102	14	7			93	11	6			65	10	6			55	11	4			34	6	2			21	0	0		
21	142	6	3			130	10	6			104	14	8			95	13	8			67	7	8			57	8	6			34	6	4			21	0	0		
22	142	6	4			130	11	8			104	14	8			95	13	8			65	9	6			57	8	4			32	7	2			21	0	0		
23	142	7	5			132	10	10			106	14	8			95	14	7			65	10	5			57	8	4			34	8	4			21	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

USCOMM-WES-PR

RN-13

MONTH-HOUR VALUES OF RADIO NOISE

Station Pretoria, S. Africa Lat. 25.8S Long. 28.3E Month July 1962

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	147	3	6			125	6	9			96	8	8			85	5	8			65	10	8			54	10	6			32	4	5			22	2	2		
01	145	4	3			125	5	8			95	8	6			85	6	8			65	10	10			54	10	6			32	2	6			22	2	2		
02	145	4	4			125	7	8			95	9	6			85	7	8			63	12	5			56	8	8			32	2	6			24	0	4		
03	145	3	4			123	10	6			96	10	9			84	6	7			63	12	4			54	9	8			32	2	4			22	2	2		
04	145	4	3			121	13	4			94	10	8			81	9	4			63	10	4			54	6	8			32	2	6			22	2	2		
05	145	6	4			121	13	4			93	11	6			79	9	6			63	6	4			52	6	6			30	2	4			22	2	2		
06	144	7	3			117	12	4			80	10	8			57	45	5			59	15	4			52	8	8			30	4	2			22	2	2		
07	143	6	2			111	20	6			65	20	4			86	14	34			47	8	6			46	10	6			34	10	6			22	2	2		
08	140	8	4			*109					*71					73	32	16			49	4	6			*41					*32					24	2	4		
09	139	6	4			107	16	6			67	18	4			101	6	44			49	2	6			44	3	10			30	8	6			24	2	4		
10	137	8	3			107	12	8			67	14	4			97	8	42			50	3	7			44	4	12			26	10	4			24	2	4		
11	139	5	6			109	10	8			68	15	3			101	4	46			51	2	6			44	2	10			26	9	4			24	2	4		
12	141	4	6			111	10	6			68	15	5			97	9	42			47	4	6			44	2	12			26	10	5			24	3	4		
13	141	6	4			113	9	6			67	17	4			99	8	44			49	2	4			38	8	6			28	8	6			24	1	4		
14	143	6	4			115	8	4			68	19	5			100	7	45			47	4	4			40	6	8			30	9	3			24	2	4		
15	145	5	4			116	6	7			67	14	4			99	8	44			46	5	3			44	5	12			32	12	4			24	2	4		
16	145	6	4			115	8	6			69	14	6			79	28	22			47	4	4			44	6	6			36	8	4			24	4	4		
17	145	4	5			115	8	6			71	15	6			67	39	8			49	4	4			47	5	7			40	4	2			24	2	4		
18	143	5	4			115	10	7			85	8	12			81	26	14			55	10	4			52	6	4			42	2	6			24	2	4		
19	145	4	4			121	8	9			91	8	9			86	21	13			59	6	4			54	10	6			36	4	6			24	0	4		
20	145	5	4			123	10	8			91	11	9			85	17	8			61	8	4			54	12	4			36	4	6			24	0	4		
21	145	5	2			119	12	3			93	8	9			85	10	9			61	10	4			54	12	4			34	4	4			24	0	4		
22	147	2	5			123	8	8			95	9	10			87	6	9			63	6	6			55	18	5			34	2	6			22	2	2		
23	147	2	6			125	6	10			97	9	10			87	4	10			63	8	8			54	10	6			34	2	6			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. 25.8S Long. 28.3E Month August 19 62

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_{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	137	6	2			125	14	9			109	16	13			88	16	10			67	14	10			56	7	5			34	4	4			22	2	4		
01	137	6	2			125	14	7			111	11	14			88	16	9			66	15	11			57	8	6			32	6	4			22	2	2		
02	137	7	2			125	14	8			108	14	12			88	16	9			67	14	6			56	11	5			30	8	2			22	2	2		
03	137	6	2			125	14	8			107	15	12			87	17	6			67	14	6			55	12	4			31	3	3			22	2	4		
04	137	6	2			123	16	6			105	16	9			86	16	7			65	18	4			55	6	4			30	2	2			22	2	3		
05	137	5	2			125	14	6			102	16	8			84	13	11			65	16	4			55	6	6			30	4	2			22	2	6		
06	137	4	2			119	12	6			88	22	7			60	37	4			61	8	8			55	14	4			36	6	6			22	2	4		
07	135	8	2			115	18	8			81	27	8			89	15	32			51	10	2			49	12	4			36	16	6			22	3	5		
08	133	10	2			111	18	11			*73					96	6	40			51	4	4			47	8	4			*32					24	2	4		
09	131	8	2			113	18	16			79	26	6			97	7	37			53	2	3			47	9	4			32	15	7			24	2	4		
10	131	11	4			109	20	12			78	27	6			96	7	39			53	4	4			45	8	2			28	18	4			23	3	3		
11	131	13	3			111	20	10			81	25	9			92	11	35			53	2	2			47	3	3			28	16	2			24	4	2		
12	133	12	5			113	17	8			77	34	5			96	8	39			51	4	4			47	6	11			28	19	4			24	4	2		
13	135	9	4			115	15	8			77	33	6			96	8	38			53	2	6			45	7	10			30	16	4			24	3	3		
14	137	8	5			117	14	8			79	31	6			90	14	32			51	4	4			44	8	8			32	18	4			26	3	4		
15	137	8	4			119	12	10			83	28	10			94	10	36			51	4	6			45	11	9			36	15	6			26	2	2		
16	139	6	7			121	11	12			89	9	16			76	28	18			53	10	6			49	11	10			41	7	7			26	2	3		
17	139	5	6			119	11	12			93	19	18			82	21	22			55	16	9			56	9	9			40	11	2			25	3	4		
18	136	9	5			121	15	12			101	15	16			94	10	21			63	16	8			59	12	8			44	4	6			26	2	4		
19	139	6	6			123	14	8			105	12	14			94	10	17			68	13	7			59	12	8			42	4	6			24	2	3		
20	139	6	5			123	15	8			107	15	13			94	11	16			70	11	9			61	6	10			38	6	4			22	4	0		
21	139	5	5			127	10	11			109	13	14			94	10	15			67	13	5			59	11	6			38	2	6			22	2	4		
22	139	5	4			125	12	7			109	14	11			92	14	11			68	12	9			57	13	4			36	6	4			22	2	3		
23	137	6	2			125	14	7			110	14	11			94	12	12			67	14	8			58	9	5			34	6	2			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

USCOMM-NBS-DL

RN-13

MONTH-HOUR VALUES OF RADIO NOISE

Station Rabat, Morocco Lat. 33.9N Long. 6.8W Month June 1962

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	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm
00	157	2	2			133	2	7			116	4	10			86	7	6			61	8	6			54	9	5			47	4	4			24	4	2		
01	157	2	2			133	2	6			115	5	6			88	3	6			59	8	34			54	7	7			47	4	4			24	4	0		
02	159	2	4			133	3	6			114	4	6			86	6	6			59	6	4			53	6	10			47	4	6			24	2	4		
03	159	0	4			131	4	4			114	4	7			84	6	4			61	2	8			53	4	4			47	4	4			24	2	2		
04	157	2	2			131	4	5			104	6	5			82	7	9			59	4	6			51	4	4			47	6	4			24	2	2		
05	157	2	2			123	6	4			92	7	5			60	10	4			57	4	6			49	6	2			45	4	4			24	2	2		
06	155	2	0			119	7	4			86	11	4			58	6	6			49	10	12			41	6	4			44	3	5			26	7	4		
07	155	0	4			115	7	6			90	4	11			56	14	4			47	6	13			31	6	4			41	2	6			27	7	3		
08	153	4	4			113	6	6			*94					56	32	4			45	6	12			*27					*33					*26				
09	153	2	4			117	9	6			94	6	9			60	12	6			39	11	6			27	11	6			32	9	6			25	7	5		
10	153	2	4			119	6	10			90	12	10			56	30	4			37	12	6			23	8	4			35	30	10			25	3	3		
11	155	2	4			121	8	11			94	16	4			56	24	4			40	9	7			25	4	6			35	27	8			24	2	4		
12	155	2	4			123	8	9			96	10	7			64	19	8			36	13	5			24	7	3			31	14	6			26	4	4		
13	157	2	4			126	7	8			99	13	9			64	29	10			39	10	6			27	4	6			33	10	8			28	4	4		
14	157	4	2			128	5	7			100	16	8			68	30	14			43	4	10			29	10	6			33	8	6			30	2	4		
15	159	4	4			131	6	22			102	14	10			68	30	16			41	6	6			33	6	8			37	2	4			30	6	4		
16	159	4	4			127	10	4			104	14	14			71	31	15			39	14	6			35	10	6			39	6	4			30	2	2		
17	159	4	6			126	13	5			102	22	15			70	35	14			43	4	6			43	12	8			43	4	8			32	6	4		
18	157	5	4			125	14	6			96	22	11			67	32	11			49	10	6			45	12	2			45	6	4			32	2	4		
19	155	4	4			123	12	6			101	17	7			80	14	6			53	8	8			52	10	3			55	16	12			30	4	2		
20	153	4	4			129	10	5			110	6	8			86	8	6			61	12	3			54	7	5			47	26	4			29	3	3		
21	155	6	4			131	6	6			112	8	6			86	9	4			63	11	5			55	7	4			47	17	4			28	2	4		
22	157	4	6			133	6	6			114	6	8			86	10	7			63	6	5			53	8	2			47	13	5			26	4	2		
23	157	2	5			131	4	8			114	5	6			88	5	6			63	6	5			54	7	3			47	2	6			24	4	2		

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 Rabat, Morocco Lat. 33.9N Long. 6.8W Month July 1962

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	150	7	7			128	6	16			112	6	30			82	6	14		
01	150	8	6			127	9	17			112	8	18			82	6	19		
02	150	10	8			126	10	2			112	6	18			80	6	15		
03	148	10	16			126	12	7			112	6	14			80	5	13		
04	148	11	14			126	9	17			102	6	15			74	6	8		
05	148	10	8			122	8	10			89	7	12			60	2	7		
06	148	8	12			118	6	20			84	6	9			55	4	5		
07	148	8	2			114	8	18			73	10	10			52	7	2		
08	*148					*112					*86					*56				
09	*148					*116					91	7	10			56	8	6		
10	148	4	8			118	4	11			86	6	6			52	7	2		
11	148	5	4			119	5	5			92	4	8			54	14	4		
12	150	4	10			120	6	15			92	8	17			60	13	8		
13	152	5	4			124	7	8			96	14	16			58	24	8		
14	152	4	7			126	4	18			96	12	18			58	36	8		
15	154	4	19			127	10	21			96	21	12			56	35	8		
16	154	4	24			126	8	26			105	13	25			60	28	8		
17	154	4	7			126	8	10			96	21	23			67	25	13		
18	152	4	9			126	8	8			92	18	14			61	27	7		
19	150	4	2			124	8	15			102	11	16			80	8	13		
20	150	6	10			126	10	12			107	7	20			83	10	14		
21	151	5	5			126	8	9			108	8	26			86	4	9		
22	152	4	8			127	7	10			108	8	12			84	8	8		
23	152	6	8			127	9	6			110	4	4			84	7	16		

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	59	7	25			58	10	23			44	6	10			22	2	6		
01	58	8	25			56	10	40			44	8	8			22	2	4		
02	58	4	23			52	6	20			44	6	12			22	2	6		
03	56	2	18			52	9	22			44	7	10			22	2	2		
04	56	2	14			51	9	19			44	4	8			22	2	4		
05	52	4	12			46	8	13			40	8	8			22	2	6		
06	44	6	10			40	7	7			41	7	9			22	4	6		
07	38	8	9			30	5	5			36	10	9			23	7	7		
08	34	8	10			*26					*32					*22				
09	36	6	6			26	5	4			*32					22	16	3		
10	34	9	3			24	12	8			31	30	5			22	10	4		
11	38	4	6			24	6	8			28	28	4			22	2	6		
12	36	6	6			22	6	6			27	11	3			23	5	7		
13	36	6	8			24	8	10			26	13	2			22	4	6		
14	34	8	12			22	8	6			28	5	2			26	2	8		
15	35	10	9			24	12	8			34	15	12			24	6	6		
16	36	10	12			29	12	12			38	3	9			28	4	8		
17	38	10	6			34	15	7			39	7	8			28	6	4		
18	43	9	9			42	6	18			44	5	10			26	6	8		
19	48	8	17			48	6	14			46	15	8			26	4	8		
20	56	8	16			51	9	19			45	10	12			24	4	6		
21	60	6	20			52	8	12			46	9	8			24	2	6		
22	57	13	17			54	7	12			44	8	9			22	4	6		
23	56	8	16			56	10	18			44	4	16			24	2	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

MONTH-HOUR VALUES OF RADIO NOISE

Station Rabat, Morocco Lat. 33.9N Long. 6.8W Month August 19 62

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	Fom	Du	Dℓ	Vdm	Ldm
00	146	4	4			128	6	4			111	8	2			86	8	4			58	10	13			63	11	9			44	5	5			25	4	4		
01	146	4	4			128	5	8			113	6	4			86	6	4			60	7	20			64	11	11			44	4	8			25	4	4		
02	146	4	4			128	6	7			113	6	4			85	7	5			60	6	16			57	10	12			42	6	6			25	4	4		
03	146	3	8			128	4	6			113	10	14			84	10	8			60	6	8			57	10	10			40	8	8			25	4	6		
04	146	10	8			126	6	10			111	12	12			80	9	8			57	7	12			57	17	14			40	8	4			25	4	6		
05	146	4	9			126	4	9			99	12	6			68	12	6			57	9	7			56	7	9			38	8	6			25	4	6		
06	146	6	6			118	6	10			87	4	8			60	5	10			52	8	12			52	9	11			38	8	6			25	4	4		
07	144	5	7			116	6	7			82	13	11			56	10	6			50	6	16			41	12	12			40	4	6			25	4	6		
08	142	7	4			112	8	10			*88					*57					48	9	14			40	9	15			*38					*25				
09	141	3	1			114	4	8			91	6	10			58	8	6			43	11	7			31	11	5			39	28	8			25	17	4		
10	140	4	4			112	8	6			89	6	10			56	5	4			48	8	13			29	14	6			36	16	6			27	6	8		
11	142	2	4			116	7	7			91	8	6			56	10	4			41	11	9			29	8	8			34	19	6			25	2	4		
12	142	3	4			120	7	10			95	10	10			65	11	9			44	7	10			31	6	8			36	26	8			27	6	10		
13	142	3	4			122	4	6			99	8	11			72	14	16			40	6	8			31	8	6			34	20	6			25	6	6		
14	144	4	3			123	5	5			101	10	16			78	12	20			42	10	8			33	8	9			36	4	8			29	2	6		
15	144	6	2			125	7	8			104	9	15			76	18	18			44	8	10			39	10	10			38	8	12			29	4	8		
16	145	5	3			126	3	5			105	8	14			78	14	20			42	10	8			41	8	8			42	8	6			31	4	8		
17	144	4	3			126	4	6			107	8	18			69	23	11			49	7	11			47	10	6			46	7	6			33	8	8		
18	146	4	4			122	6	6			95	19	7			76	12	8			52	4	10			53	11	8			46	12	2			33	4	4		
19	142	6	2			124	4	8			105	6	8			86	4	11			56	8	5			57	11	8			51	22	7			33	4	8		
20	144	4	6			128	4	6			111	4	6			88	4	4			62	8	10			63	11	17			50	18	8			28	2	9		
21	144	4	4			128	6	8			111	7	8			88	6	6			63	9	11			61	13	14			46	4	6			27	4	6		
22	144	3	5			128	7	6			109	8	4			88	3	5			60	7	8			59	9	12			46	5	5			27	4	8		
23	146	2	4			128	5	4			111	6	5			86	6	4			60	8	8			59	11	11			44	4	6			25	4	6		

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. 23.3S Long. 45.8W Month December 1961

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	130	8	6	8.0	12.0	111	9	7	7.0	10.5	96	9	12	8.5	13.5	89	8	8	7.0	11.0	66	9	4	9.5	16.0	61	4	4	9.5	16.0	49	5	4	9.0	13.5	30	2	6	5.5	7.5
01	129	7	9	7.5	11.0	110	10	8	7.5	11.0	95	10	14	9.0	14.0	87	8	6	8.5	12.0	66	10	6	11.0	18.0	57	6	6	9.5	16.0	47	4	6	10.5	15.0	28	4	2	6.0	7.0
02	128	9	7	8.0	12.0	108	12	6	7.5	12.0	92	12	10	8.5	13.0	85	10	8	8.0	12.5	64	8	6	10.5	18.5	57	4	6	10.0	17.0	47	6	6	9.0	12.0	28	4	4	6.0	7.0
03	126	10	4	9.5	12.5	108	12	10	8.0	10.0	88	14	10	9.0	12.0	82	13	6	7.5	11.5	66	6	10	10.5	17.5	59	4	10	11.5	16.5	47	6	3	8.0	11.5	28	4	5	6.0	7.0
04	124	10	10	8.5	11.5	106	10	17	7.0	11.0	84	10	26	9.0	13.0	78	6	10	6.0	8.0	63	9	11	9.5	17.0	57	5	7	11.0	20.0	49	8	6	7.5	11.0	28	5	4	5.0	7.0
05	120	10	10	9.0	18.5	96	14	18	*6.0	*8.0	66	17	8	*9.5	*14.0	85	8	16	*4.5	*5.5	56	7	12	*11.0	*19.0	51	10	6	9.5	16.5	53	18	9	8.0	11.5	29	18	4	5.0	6.5
06	119	10	14	11.0	19.5	86	19	11	8.5	13.0	66	21	10	*9.0	*15.0	87	7	5	*1.0	*1.5	48	9	17	9.0	14.0	49	9	9	10.0	16.5	57	10	18	*8.5	*13.5	34	17	8	6.0	9.0
07	117	8	16	8.0	13.0	90	18	12	5.0	7.5	66	21	9	8.0	13.0	89	7	7	*2.5	*2.5	38	10	6	7.5	12.0	43	9	10	*9.5	*16.0	53	10	18	7.0	12.0	30	15	5	4.5	6.5
08	116	11	17	*10.0	*14.0	88	20	10	6.0	7.5	68	18	10	*10.0	*20.0	89	6	9	*4.0	*4.5	34	27	6	7.0	8.5	39	12	9	10.5	16.5	45	17	16	*8.5	*14.0	30	8	5	6.0	8.0
09	116	10	9	*10.0	*16.5	90	15	8	5.5	6.5	70	18	8	*9.0	*11.5	89	4	7	*3.0	*3.0	38	26	11	*6.0	*8.0	40	14	8	*10.5	*13.5	46	13	20	*8.0	*12.5	28	6	4	5.0	6.5
10	118	16	6	11.5	17.5	96	20	10	6.0	7.5	72	30	12	*6.0	*7.0	89	12	8	3.0	3.0	40	22	10	8.5	11.0	37	16	10	*11.0	*15.0	49	16	20	*10.0	*17.0	31	17	5	6.5	10.0
11	122	16	4	10.0	16.5	103	17	15	9.0	11.5	80	33	12	11.5	20.5	89	22	4	5.0	5.0	44	26	14	8.0	11.5	41	14	16	12.0	17.0	49	10	14	10.0	16.0	30	20	6	7.0	9.5
12	128	24	8	9.0	16.0	108	22	14	6.5	12.0	96	22	36	*5.0	*8.0	95	13	12	7.0	8.0	48	26	14	14.0	24.0	45	24	14	12.0	18.0	49	10	14	9.0	13.5	34	16	8	8.0	12.0
13	134	16	10	8.0	11.0	116	18	20	8.0	11.0	104	16	26	7.0	11.0	97	18	10	4.0	4.5	58	26	22	15.0	25.0	48	18	14	12.0	19.5	49	12	10	*8.5	*14.0	36	12	8	8.0	14.0
14	138	16	12	8.0	12.0	121	19	17	9.5	11.5	107	17	36	10.0	14.0	97	16	10	5.5	7.0	63	19	19	12.5	20.0	54	15	15	11.5	21.0	46	11	7	8.5	11.5	38	10	10	8.0	11.0
15	138	12	14	7.0	10.0	118	18	20	8.0	11.0	100	22	28	9.0	16.0	97	16	10	5.0	6.5	64	18	18	11.0	20.0	54	15	13	11.5	17.5	49	6	10	8.0	12.0	36	10	10	7.5	13.0
16	140	12	14	8.5	11.0	118	16	17	7.5	12.0	100	20	28	8.0	13.0	93	15	8	*6.0	*7.0	63	19	18	12.0	20.0	55	12	10	10.0	15.5	49	8	8	8.0	12.0	36	10	10	7.0	10.5
17	136	8	12	8.5	12.5	116	10	16	8.0	12.0	95	17	19	10.0	14.0	89	14	2	*3.0	*3.0	59	19	11	12.0	21.0	55	10	10	7.5	12.0	51	4	12	7.5	11.0	35	9	7	6.0	9.0
18	136	4	12	6.5	9.0	113	9	13	7.0	11.0	94	14	16	6.0	10.0	90	9	7	4.0	4.5	64	10	10	10.0	15.5	60	5	7	7.5	12.0	49	2	4	7.0	11.0	34	4	8	7.0	9.5
19	133	7	9	7.0	10.0	114	8	12	6.0	10.0	100	8	14	6.0	9.0	95	14	10	3.0	3.5	68	6	6	9.0	15.0	63	6	10	7.0	10.0	51	2	6	7.5	11.5	32	6	4	7.5	11.5
20	134	6	8	6.5	10.0	113	9	15	6.5	9.0	98	8	10	7.0	11.0	93	4	6	4.0	5.0	68	6	6	8.5	13.0	63	6	6	8.0	11.5	51	2	4	8.5	12.0	32	10	4	6.0	8.5
21	132	10	6	7.5	11.0	114	10	6	6.5	9.5	96	12	9	7.0	10.5	93	6	8	5.0	6.5	70	4	4	7.5	13.5	65	4	8	8.5	13.5	49	4	4	8.0	12.0	28	8	2	5.0	6.5
22	130	8	6	8.0	10.0	112	11	4	6.5	11.5	94	12	8	8.5	12.0	89	8	8	5.5	9.0	68	4	6	9.0	16.0	61	6	6	8.0	11.5	49	5	4	8.5	12.5	30	4	5	6.0	7.5
23	130	8	6	8.0	13.0	112	12	10	7.0	10.0	98	6	14	8.0	11.5	88	11	7	7.5	11.5	68	2	6	10.0	15.0	63	3	9	8.5	13.5	47	4	4	7.5	13.0	30	4	8	5.5	7.0

F_{am} = median value of effective antenna noise in db abave ktb
D_u = ratia of upper decile to median in db
D_ℓ = rotio of medion to lower decile in db
V_{dm} = medion deviation of overoge voltage in db below mean pawer
L_{dm} = median deviation of overage lagarithm in db belaw mean power

USCOMM-WBS-PL

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MONTH-HOUR VALUES OF RADIO NOISE

Station São José, Brazil Lat. 23.3S Long. 45.8W Month February 19 62

Hour (LST)	Frequency (Mc) .051 F_{am}^*	Du	D_ℓ	Vdm	Ldm	.113 F_{am}^*	Du	D_ℓ	Vdm	Ldm	.246 F_{am}^*	Du	D_ℓ	Vdm	Ldm	.545 F_{am}^*	Du	D_ℓ	Vdm	Ldm	2.5 F_{am}^*	Du	D_ℓ	Vdm	Ldm	5 F_{am}^*	Du	D_ℓ	Vdm	Ldm	10 F_{am}^*	Du	D_ℓ	Vdm	Ldm	20 F_{am}^*	Du	D_ℓ	Vdm	Ldm
00	134					114					99					90					62					62					45					31				
01	132					112					99					88					60					62					47					29				
02	130					112					96					86					60					60					45					28				
03	129					109					95					86					57					58					43					27				
04	132					109					94					86					57					57					41					27				
05	128					106					81					88					56					54					41					29				
06	128					94					69					88					46					56					41					31				
07	122					88					67					88					34					48					39					29				
08	120					90					70					87					34					40					39					29				
09	116					91					70					88					37					38					34					29				
10	119					91					69					89					39					38					33					29				
11	118					95					79					88					31					36					35					29				
12	125					100					86					88					37					38					38					31				
13	137					112					94					91					48					43					41					34				
14	141					114					97					92					51					47					42					33				
15	142					118					100					95					57					48					45					34				
16	144					122					99					92					57					54					47					35				
17	146					124					103					93					60					60					51					37				
18	148					122					103					94					62					64					49					33				
19	146					120					101					95					65					64					49					35				
20	141					114					105					96					66					65					48					35				
21	141					112					103					96					65					66					49					33				
22	136					114					101					94					64					64					47					31				
23	135					112					99					93					64					68					45					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 São José, Brazil Lat. 23.3S Long. 45.8W Month March 19 62

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					108					*97					86					*58					*53					*44					*29				
01	*131					108					*97					86					*58					*55					*44					*27				
02	*130					110					*97					86					*60					*53					*46					*29				
03	*128					108					*97					86					*58					*53					*44					*27				
04	*132					108					*99					84					*56					*51					*42					*26				
05	*128					102					*97					86					*56					*51					*40					*27				
06	*123					92					*69					86					*46					*49					*40					*27				
07	*122					86					*67					85					*38					*42					*39					*29				
08	*119					86					*67					84					*34					*35					*36					*27				
09	*120					87					*65					84					*36					*34					*32					27	12	4		
10	*122					89					69	12	10			86					32	12	6			31	14	8			32	6	6			27	4	4		
11	*126					92					*69					89					32	19	4			29	8	2			34	4	4			30	5	5		
12	128	8	10			93					*69					86					*30					33	12	8			*34					*29				
13	*130					99					*71					86					36	22	8			33	22	8			34	14	10			*29				
14	*132					98					*77					86					44	30	16			*31					*36					*31				
15	*133					102					*79					86					44	36	16			*38					*40					*31				
16	*135					104					*81					89					50	28	18			*43					*42					*33				
17	*134					105					*87					90					54	20	12			*50					44	8	4			*33				
18	*134					107					*96					87					*62					*53					*44					*33				
19	*134					110					*100					90					*62					*55					*46					*32				
20	*136					110					*101					92					*64					*54					*46					*32				
21	*134					108					*101					90					*60					*55					*46					*31				
22	*133					106					*100					86					*58					*53					*44					*29				
23	*133					108					*100					86					*59					*55					*43					*28				

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

USCOMM-NBS-DC

MONTH-HOUR VALUES OF RADIO NOISE

Station São José, Brazil Lat. 23 3S Long. 45 8W Month April 1962

Hour (LST)	Frequency (Mc)																																							
	.051					.113					.246					.545					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	126					102					94					78					57					49					40					25				
01	122					103					94					78					56					47					42					26				
02	122					102					93					79					54					48					41					27				
03	121					99					90					75					55					46					42					26				
04	121					98					86					76					56					47					39					25				
05	118					93					74					85					54					46					39					27				
06	115					85					72					82					39					47					39					27				
07	110					85					70					83					40					44					37					27				
08	110					85					70					82					35					36					37					27				
09	118					86					68					83					32					33					36					26				
10	110					87					68					86					31					30					37					28				
11	116					93					70					83					32					31					34					29				
12	119					97					72					85					33					29					34					27				
13	120					101					81					84					38					31					37					30				
14	124					101					83					87					35					33					37					30				
15	128					101					88					82					37					41					41					31				
16	126					103					92					86					46					46					44					32				
17	128					103					92					84					50					51					48					30				
18	128					105					94					88					65					51					45					31				
19	128					107					100					88					63					51					47					30				
20	126					107					94					88					61					51					47					28				
21	124					103					94					82					59					55					43					28				
22	124					103					94					82					59					51					41					28				
23	122					97					92					83					59					53					41					25				

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 Singapore, Malaya Lat. 1.3N Long. 103.8E Month February 1962

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.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	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm	Fom	Du	Dℓ	Vdm	Ldm
00	157	4	2	8.0	13.5	135	6	3	8.5	14.5	115	6	4	9.0	16.0	89	4	4	9.0	17.0	63	5	4	*8.0	*14.0	58	4	0	*5.5	*9.0	46	5	5	5.0	8.0	24	1	2	2.0	4.0
01	157	2	2	8.0	13.5	134	7	4	9.0	16.5	115	6	6	10.0	17.0	89	6	6	9.5	18.0	63	5	3	*9.0	*15.5	58	3	3	*4.5	*8.0	46	2	6	*4.5	*7.5	24	0	1	2.0	4.0
02	157	4	4	10.0	16.0	135	6	6	8.5	16.0	117	4	6	9.5	18.0	89	5	6	10.0	21.0	64	6	4	*8.5	*14.5	58	7	2	*6.5	*12.0	43	7	7	6.5	8.5	24	0	0	2.0	4.0
03	157	4	2	8.5	15.0	134	5	5	10.0	17.5	115	6	8	10.5	19.0	87	10	6	10.0	20.5	65	6	7	*8.5	*15.0	62	2	4	*4.5	*9.0	40	8	3	4.0	8.0	24	0	0	1.5	3.5
04	157	2	2	9.0	15.0	134	5	5	11.0	19.0	115	6	8	*13.0	*23.0	87	8	8	12.0	22.5	64	4	6	*9.0	*16.0	60	4	4	*5.0	*10.0	40	9	4	*4.5	*6.0	24	0	0	1.5	3.5
05	157	2	2	10.0	17.0	131	6	2	10.0	18.0	111	8	6	12.5	22.0	83	11	8	12.5	24.0	62	5	7	*9.0	*15.0	56	4	4	5.0	8.5	38	5	4	*4.0	*6.0	24	0	0	1.5	3.5
06	157	2	4	9.0	16.5	127	6	4	11.5	19.0	95	12	4	*13.5	*25.0	62	12	8	*14.0	*21.5	58	6	6	*7.0	*13.0	54	3	3	*5.0	*9.0	42	2	4	*4.5	*8.0	24	2	0	2.0	3.5
07	153	2	4	10.0	17.0	123	6	7	13.0	21.0	89	17	12	*12.0	*24.0	55	12	4	*8.0	*13.0	46	7	10	*7.0	*11.0	44	5	5	*8.5	*17.5	41	5	4	*5.0	*8.0	25	1	1	*3.0	*5.0
08	153	1	4	11.5	19.0	121	10	14	14.5	21.5	88	12	14	*15.0	*22.0	59	9	6	*7.0	*11.0	34	10	6	*8.0	*13.0	35	9	5	*10.0	*14.5	34	5	4	*6.0	*10.0	24	3	0	*2.5	*5.0
09	151	6	4	*11.0	*18.0	119	8	8	*14.5	*23.5	*83			*15.0	*23.5	*53			*5.5	*8.0	28	8	2	*8.0	*12.0	32	4	4	*8.0	*12.5	*30			*5.5	*8.5	*24			*2.5	*4.5
10	*151			*12.5	*20.5	*119			*15.0	*24.0	*83			*15.0	*23.5	*54			*8.0	*11.0	*30			*11.5	*16.0	*28			*6.5	*8.5	*28			*4.0	*6.0	*22			*2.5	*4.5
11	*151			*13.0	*18.5	*121			*15.0	*23.5	87	12	12	*12.5	*19.5	57	8	6	*4.0	*7.5	*28			*4.0	*7.0	28	4	2	*7.5	*11.5	28	4	4	*5.5	*8.0	22	2	0	*3.0	*5.0
12	153	3	6	*10.5	*17.5	125	4	8	*12.0	*20.0	91	26	6	*12.0	*19.0	65	22	8	*10.5	*15.0	28	4	2	*7.0	*11.0	26	6	2	*6.0	*11.0	30	2	6	*7.5	*12.0	24	1	2	*3.0	*6.0
13	153	5	2	10.5	17.0	126	7	5	*11.0	*19.0	97	23	9	*12.0	*20.0	*73			*9.0	*14.0	30	6	4	*10.0	*9.0	28	6	2	*6.0	*9.5	32	10	4	*8.0	*12.5	*24			*3.0	*6.0
14	*154			*9.5	*16.0	*131			*12.0	*18.0	*101			*13.0	*24.0	*77			*11.0	*20.0	*30			*5.0	*9.0	*32			*7.0	*11.0	*34			*8.0	*13.5	*24			*3.5	*6.5
15	*157			*8.5	*14.0	133	8	10	11.5	19.0	105	11	11	*12.5	*21.5	78	31	8	11.0	20.0	*30			*7.0	*11.0	38	13	7	*8.0	*15.5	38	6	2	*7.0	*11.0	26	2	2	*3.0	*6.0
16	157	5	2	10.5	18.0	123	11	7	*11.0	*20.0	101	9	6	*12.0	*22.0	79	14	10	*12.0	*20.0	37	11	8	*8.0	*15.0	44	6	8	9.0	15.0	42	6	2	*4.5	*8.0	26	2	2	3.0	6.0
17	157	3	4	10.0	17.0	129	11	9	*13.0	*20.5	104	15	10	10.5	18.0	79	16	10	8.0	14.0	46	6	9	*6.5	*12.5	50	8	7	*8.0	*13.0	46	4	2	4.0	7.5	26	2	2	2.5	5.0
18	154	6	4	9.0	14.0	133	6	8	*11.0	*18.5	113	7	10	9.0	16.0	89	6	12	*8.0	*17.0	56	7	6	*6.5	*11.0	60	2	4	4.5	9.0	48	4	2	4.5	8.5	26	1	3	3.0	5.5
19	155	4	5	9.5	15.0	135	3	7	11.0	18.5	117	2	10	10.0	18.5	91	4	11	*8.0	*15.5	60	8	5	*7.5	*13.0	64	2	3	*2.5	*5.0	48	4	2	4.0	8.0	24	4	0	3.0	5.0
20	155	4	3	9.5	14.5	135	3	6	11.0	18.5	115	6	6	11.0	18.5	89	7	6	*7.0	*13.5	60	5	4	7.0	11.0	64	4	4	2.0	4.5	48	4	2	4.5	9.0	26	2	2	*3.0	*5.5
21	155	5	2	9.0	14.0	133	8	5	10.5	18.0	113	6	4	10.0	18.5	88	6	6	*7.0	*14.0	60	7	4	6.5	12.0	64	2	4	*2.5	*5.0	48	3	2	*4.0	*8.0	26	3	2	4.0	6.5
22	157	2	2	8.0	14.0	133	5	3	10.0	17.5	115	4	6	10.5	19.0	87	8	4	*9.0	*15.5	62	5	4	6.5	11.5	60	2	4	4.5	*9.0	50	0	4	*4.5	*8.0	28	2	3	4.0	7.0
23	157	4	2	8.5	13.0	134	6	4	10.0	16.0	115	4	6	11.0	18.0	89	5	6	*8.0	*14.5	62	5	6	*7.0	*13.5	60	2	4	5.5	10.0	48	3	4	5.0	8.5	24	3	0	3.0	6.0

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 Singapore, Malaya Lat. 1.3N Long. 103.8E Month April 19 62

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.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	161	4	4	10.0	15.0	142	5	5	*9.0	*14.0	123	4	4	*9.0	*14.0	96	6	4	6.5	12.0	65	4	6	6.0	11.0	62	4	4	4.0	7.5	52	5	3	4.5	8.0	28	3	3	4.0	7.0
01	163	3	4	11.0	17.0	144	5	7	10.0	16.0	125	4	6	8.5	15.0	98	4	6	7.0	12.0	65	8	4	6.0	12.0	62	4	2	4.0	7.5	51	6	4	7.0	11.5	25	4	2	3.0	5.5
02	163	4	6	11.0	16.5	143	4	6	10.0	16.0	123	6	2	9.5	16.0	96	6	4	8.0	14.0	66	5	3	7.0	13.0	62	4	2	4.5	8.5	49	6	4	4.5	8.5	23	6	0	3.0	5.0
03	161	6	4	10.0	16.0	143	5	4	10.0	16.0	123	8	6	8.5	14.0	98	6	6	7.0	13.0	69	4	4	6.5	13.5	62	4	2	5.0	9.0	49	12	8	6.0	13.0	23	6	0	2.0	5.0
04	163	4	6	*12.0	*18.0	143	4	4	*10.0	*16.0	123	5	4	9.0	16.0	96	8	6	7.5	14.0	69	4	4	7.0	13.5	62	4	4	5.0	8.0	44	7	7	4.5	8.0	23	4	0	2.0	4.5
05	163	4	7	11.0	18.0	143	4	6	10.5	18.0	121	6	6	10.5	18.5	90	9	10	11.5	22.0	68	3	7	8.0	13.5	60	4	6	5.0	8.5	41	6	6	4.0	7.0	23	2	0	2.0	4.0
06	161	2	6	11.0	17.0	137	7	10	11.5	20.5	116	10	16	*15.0	*24.0	82	18	13	12.0	25.0	59	4	8	10.0	16.5	56	4	8	6.0	11.0	45	4	4	6.0	10.0	25	4	2	4.0	6.0
07	160	5	9	12.0	19.0	135	9	10	14.0	22.5	111	16	13	*14.5	*24.0	84	15	21	13.0	24.0	45	10	10	9.0	14.5	48	8	6	10.0	17.0	45	2	6	6.0	10.5	27	4	4	4.5	7.5
08	159	5	8	13.0	20.0	137	8	14	*16.0	*26.0	114	13	24	*12.0	*23.5	82	18	20	13.5	25.0	39	8	10	*10.5	*16.5	42	10	8	*10.0	*17.5	42	5	9	9.5	15.0	27	4	6	4.0	7.0
09	159	4	9	*12.0	*19.5	135	12	14	*14.5	*23.5	108	21	19	*14.0	*25.0	76	28	21			34	13	7	*6.0	*11.0	36	17	6	*9.0	*15.5	39	5	12	9.5	13.0	23	3	2	3.5	6.0
10	157	9	6	*15.0	*22.5	133	10	10	*15.0	*22.5	107	16	10			80	24	20	14.5	25.0	31	21	6	*12.5	*21.0	30	14	4	*9.5	*14.5	33	7	7	10.0	16.0	21	6	0	3.5	6.0
11	157	8	6	*13.5	*21.5	133	13	8	*14.5	*24.0	110	16	12	*14.0	*24.0	82	20	16	13.0	25.0	31	21	4	*6.0	*9.0	30	16	6	*6.5	*10.0	33	8	8	7.5	12.0	23	6	2	4.0	6.5
12	161	8	10	13.0	22.0	137	12	12	15.0	23.0	115	19	22	*16.0	*25.0	93	23	20	15.5	26.0	39	25	11	*6.5	*9.0	38	18	15	*7.5	*11.0	35	8	8	8.5	13.0	27	13	4	4.0	7.0
13	162	10	8	10.0	17.5	132	10	12	*12.0	*18.5	125	12	18	13.0	23.0	102	6	18	12.0	24.5	45	34	11	*7.5	*8.0	42	29	14	*7.0	*14.0	39	8	6	6.5	10.0	27	14	4	4.0	7.5
14	165	6	6	*10.0	*18.0	145	11	9	*11.0	*18.5	129	10	15	13.5	21.5	108	11	13	13.0	24.0	*48			*9.0	*17.0	*50			*8.0	*14.5	43	13	6	7.0	12.5	29	14	2	5.0	8.0
15	168	8	6	9.5	15.5	147	10	9	*12.5	*19.0	129	8	12	*12.5	*22.0	108	8	18	11.5	21.0	61	17	14	*10.0	*14.0	55	11	8	7.0	12.5	49	8	4	8.0	14.0	34	13	3	6.5	11.0
16	167	4	6	9.0	14.5	147	4	6	11.0	18.0	125	8	8	11.5	20.0	100	11	9	12.5	22.0	58	18	14	*8.5	*14.0	56	10	8	6.0	12.0	49	6	4	5.0	9.0	33	6	4	5.5	9.0
17	165	4	4	9.0	15.0	143	8	8	11.0	18.5	120	11	9	10.0	19.5	96	12	8	11.0	20.0	57	13	9	7.0	12.0	57	3	5	6.0	11.0	49	2	2	4.0	7.0	31	7	2	3.0	6.0
18	163	4	4	8.5	14.5	141	4	4	9.5	17.0	121	6	2	*8.0	*13.0	96	6	4	4.5	9.0	63	6	4	6.5	12.0	62	2	2	4.0	7.5	51	6	2	3.5	6.0	31	0	2	4.0	7.5
19	163	4	4	9.0	15.0	145	2	4	8.0	14.5	125	2	4	6.0	11.0	98	4	6	5.0	10.0	67	2	4	4.0	8.5	64	4	2	*3.0	*7.0	51	18	2	3.0	7.0	29	4	2	4.0	7.5
20	161	4	2	9.0	14.5	143	6	4	7.5	14.0	123	6	4	*6.0	*12.0	97	5	5	5.0	10.0	67	2	2	4.0	8.5	66	2	2	3.0	6.5	55	20	4	4.0	7.0	31	24	2	2.5	5.5
21	161	4	6	9.0	13.5	143	4	4	8.0	14.0	123	4	4	7.0	13.0	96	6	4	6.0	12.0	65	4	2	4.0	9.0	64	4	4	3.5	7.0	53	15	2	4.0	7.0	31	2	2	3.0	6.0
22	161	4	6	9.0	14.5	143	4	6	*8.5	14.0	121	6	2	7.0	13.5	97	4	7	6.0	11.0	65	6	6	5.0	9.5	62	6	4	4.0	7.5	53	15	4	4.0	8.0	31	2	2	3.5	6.5
23	161	4	4	9.5	15.0	143	4	6	9.0	15.0	123	6	6	7.5	14.0	98	6	6	7.0	13.5	65	4	6	5.0	11.0	62	2	4	5.0	8.5	51	4	2	4.0	9.0	29	4	4	3.5	7.0

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

USCOMM-NBS-DC

MONTH-HOUR VALUES OF RADIO NOISE

Station Singapore, Malaya Lat. 1.3N Long. 103.8E Month May 1962

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.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	160	6	8	10.0	16.0	139	7	4	9.5	15.5	122	5	5	8.5	15.5	94	8	4	8.0	14.0	61	6	5	6.0	11.0	56	5	4	6.0	10.0	46	6	5	5.0	8.0	23	5	1	2.0	4.5
01	156	8	2	9.0	13.5	141	6	6	11.0	17.5	123	4	6	*9.5	*16.5	94	6	6	8.0	15.0	61	6	4	5.5	11.0	57	7	6	6.0	11.0	46	7	4	5.0	8.0	22	4	0	2.0	4.0
02	159	9	5	12.0	20.0	139	10	4	*11.5	*19.0	123	6	6	*9.5	*17.0	94	9	6	8.5	16.0	63	6	6	7.0	11.5	59	4	7	6.0	10.0	46	5	7	4.5	7.5	22	2	0	2.0	3.5
03	158	10	4	12.5	19.0	141	8	5	10.5	18.0	123	6	6	11.0	19.0	94	7	6	7.5	14.5	64	6	5	7.0	13.0	57	6	6	5.0	9.0	42	6	4	4.5	8.0	22	2	0	2.0	4.0
04	159	7	5	12.0	20.0	141	8	6	11.0	19.0	123	6	8	10.0	19.5	95	8	8	9.0	19.0	65	6	6	7.0	12.0	55	6	5	6.0	9.5	41	7	7	4.5	7.5	22	3	0	2.5	4.0
05	158	9	3	11.5	19.5	139	8	6	*11.0	*18.5	119	10	10	*13.0	*21.5	90	8	14	*12.5	*22.0	63	8	4	8.0	13.5	52	7	4	6.5	10.0	39	22	5	*4.5	*7.0	22	2	0	2.0	3.5
06	156	10	2	12.0	19.0	135	8	8	13.0	21.5	111	16	8	*12.0	*22.0	79	19	12	*11.0	*22.5	57	7	8	10.0	17.0	55	5	6	7.0	11.0	45	12	5	5.0	8.0	22	2	0	2.5	4.5
07	156	8	4	14.5	23.0	134	8	8	13.5	*22.0	110	12	13	*16.5	*26.5	72	22	8	*13.0	*21.5	47	12	8	*11.0	*18.0	49	4	7	9.5	17.5	44	5	5	7.0	10.0	23	3	2	4.0	6.0
08	156	8	4	13.5	22.0	132	7	8	*15.5	*26.0	109	9	12	*13.5	*24.0	76	22	10	*17.0	*29.0	38	14	9	*12.0	*20.0	42	3	7	10.0	17.0	38	8	4	9.0	14.0	22	2	2	4.0	6.5
09	156	8	4	15.0	24.0	133	7	8	*16.0	*25.0	109	12	9	*16.0	*26.0	70	41	6			33	20	6	*10.0	*16.0	37	6	4	*10.5	*16.5	40	2	6	10.0	16.5	22	2	2	3.5	7.0
10	158	4	6	*16.0	*25.0	133	6	5	*14.5	*25.0	112	16	13	*16.0	*27.5	74	24	7	*17.0	*29.0	31	13	6			35	5	6	*9.0	*15.0	38	8	8	*11.5	*17.0	22	6	2	3.5	6.5
11	156	8	6	15.0	23.0	132	11	7	*14.5	*24.0	109	20	9	*14.0	*25.0	76	26	8	*14.0	*27.0	35	19	8			33	22	4	*9.0	*15.0	38	14	8	*11.0	*18.0	22	9	2	3.5	6.5
12	158	8	8	14.0	23.0	133	10	8	*13.0	*22.5	115	14	10	*14.0	*25.5	86	18	13	*10.0	*20.0	31	36	3	*9.0	*15.0	34	22	5	*11.5	*16.5	40	6	8	*9.0	*14.5	24	6	4	4.5	8.0
13	162	6	8	11.5	20.0	137	16	6	13.0	23.0	118	17	11	*12.0	*21.0	98	15	22	*15.5	*27.0	44	27	14			40	29	7	*10.0	*16.0	42	11	6	*8.5	*14.0	29	15	9	*8.0	*11.0
14	*164			*11.0	*18.0	*139			*11.0	*20.0	*127			*10.5	*21.0	*00			*11.0	*21.0	*49					*48			*6.5	*11.0	46	18	6	*9.0	*16.0	28	14	6	*6.5	*10.0
15	164	9	6	*9.5	*17.0	141	9	10	*10.0	*17.0	*121			*10.0	*18.0	95	15	21	*12.0	*24.0	58	18	21	*9.0	*16.0	51	11	10	*9.0	*16.0	46	6	4	6.0	10.0	30	4	4	*4.0	*7.0
16	164	8	6	9.5	17.0	143	10	12	12.0	20.0	121	10	14	12.0	21.0	97	11	21	*11.5	*22.0	57	26	18	11.0	17.5	54	11	10	7.0	13.0	48	6	4	6.0	10.0	30	6	6	4.0	7.0
17	163	5	7	9.5	16.0	139	8	10	11.5	20.0	120	9	11	12.0	19.5	92	14	13	9.5	18.5	57	9	3	6.0	11.5	55	6	5	6.5	10.5	48	13	2	5.0	8.5	30	3	4	4.0	6.0
18	161	5	5	8.5	14.0	139	8	8	11.0	19.0	119	6	6	9.5	18.0	96	7	7	7.0	13.0	63	6	8	6.0	12.0	60	3	4	5.0	9.0	50	14	3	5.0	8.5	30	3	4	3.0	6.0
19	159	7	5	10.0	16.0	139	8	6	9.5	18.5	122	5	7	9.0	17.5	96	6	6	6.5	12.0	67	4	7	5.5	11.0	61	4	5	4.5	9.0	50	23	3	5.0	9.0	28	4	2	4.0	6.5
20	158	8	4	9.0	14.5	139	8	6	10.0	18.0	121	6	4	9.0	15.5	96	4	4	7.0	13.5	65	4	4	5.0	10.0	59	4	4	4.5	9.0	50	17	3	4.0	7.5	30	4	4	3.0	6.0
21	156	10	4	9.0	15.0	139	8	4	9.5	17.0	122	8	3	*7.5	*14.0	96	5	4	*7.5	*15.0	65	4	4	5.0	9.0	59	3	6	4.0	7.5	50	15	4	4.0	7.5	28	7	3	3.0	6.0
22	158	6	4	10.0	16.0	139	6	4	9.5	17.0	121	7	3	9.0	16.0	96	6	4	8.0	14.5	63	5	4	5.5	11.0	57	3	4	5.5	10.0	50	8	5	*5.0	*9.5	26	2	2	3.0	5.5
23	158	6	4	11.0	17.0	138	7	4	10.5	17.0	121	8	4	*8.5	*17.0	94	8	2	8.0	15.0	63	4	4	6.5	11.5	57	3	5	6.0	10.0	48	4	3	4.5	8.5	24	4	2	3.0	5.0

F_{am} = median value af effective antenna naise in db abave ktb
D_u = ratia af upper deciie ta median in db
D_ℓ = ratia af median ta lawer decile in db
V_{dm} = median deviatian af average vaitage in db below mean pawer
L_{dm} = median deviatian af average iogarithm in db belaw mean pawer

USCOMM-NBS-DL

MONTH-HOUR VALUES OF RADIO NOISE

Station Thule, Greenland Lat. 76.6N Long. 68.7W Month May 1962

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	Fom	Du	Dℓ	Vdm	Ldm
00	157	4	1	4.0	5.0	117	2	2	6.5	7.0	86	4	6	3.5	4.5	67	8	8	4.0	6.0	*37					40	4	6			35	8	14			*27				
01	157	4	1	3.5	4.5	117	4	4	5.0	7.0	86	3	4	5.0	6.0	67	6	4	5.0	6.5	*36					*38					34	11	9			*26				
02	157	4	2	3.0	4.0	117	4	4	5.0	7.5	86	8	3	5.0	6.5	67	6	6	5.0	7.0	*37					*36					29	12	6			*26				
03	157	4	3	3.5	4.5	115	4	2	4.0	5.0	86	3	4	5.0	6.0	67	6	4	*5.5	*8.0	37	10	6			34	2	4			29	10	4			*27				
04	157	4	3	4.0	4.0	117	2	2	7.0	8.0	88	2	5	5.0	6.0	67	6	7	5.5	7.0	35	10	4			*30					29	8	6			*28				
05	157	4	3	3.5	5.0	117	4	4	7.0	8.0	86	6	4	*5.0	*6.5	68	7	6	*5.0	*8.0	*37					32	10	2			28	7	7			*28				
06	157	4	3	4.0	4.5	115	4	2	6.0	7.5	89	3	10	4.5	6.5	67	8	6	6.0	8.5	37	8	0			*32					*28					*26				
07	157	4	4	2.5	4.5	115	6	2	7.5	8.5	86	7	4	5.0	5.5	68	9	7	*6.0	*8.0	*38					*32					*24					*28				
08	157	4	4	3.5	5.0	116	5	5	7.0	8.0	88	8	8	4.0	5.0	69	8	8	*6.5	*8.5	*41					31	9	5			21	8	2			*29				
09	157	4	7	*4.0	*5.0	116	5	5	*7.5	*8.0	87	11	4	*4.0	*6.0	*71			*7.5	*11.5	39	2	6			*30					19	10	4			*28				
10	157	4	4	3.5	5.0	115	6	4	7.0	8.0	86	6	5	5.0	5.0	69	6	8	*6.0	*7.0	*37					*32					*19					*26				
11	157	4	5	4.0	5.0	115	4	2	6.0	8.0	88	4	8	4.5	6.0	71	3	11	*6.0	*8.0	39	8	8			*32					24	7	9			*26				
12	159	0	8	4.0	4.5	117	4	6	6.0	8.0	86	8	4	5.0	6.5	69	8	8	6.0	8.0	*38					32	14	6			*21					*29				
13	157	3	6	3.5	4.5	116	4	5	*6.0	*7.5	88	7	5	4.5	6.0	69	8	10	*5.5	*6.0	*39					*31					*23					*32				
14	155	5	7	3.0	4.5	115	6	2	*6.0	*8.0	*87			4.0	5.0	*71			*5.0	*6.0	*43					*32					*21					*26				
15	156	5	5	4.0	4.5	117	2	5	5.0	8.0	88	6	7	5.0	5.5	69	6	7	*4.5	*6.0	*41					28	19	4			*29					28	4	2		
16	157	4	7	3.5	4.5	115	6	3	6.0	8.5	88	12	6	5.0	6.0	69	6	6	5.0	6.0	37	12	6			30	20	6			*29					*30				
17	157	4	6	4.0	5.0	115	6	3	5.0	6.5	88	10	8	4.5	6.0	67	8	4	4.5	6.0	38	11	3			30	22	6			29	14	8			*28				
18	157	4	4	4.0	4.5	115	6	2	5.5	8.0	90	12	6	4.5	5.0	66	9	8	4.5	7.5	*37					30	20	4			35	4	10			*30				
19	157	5	4	2.0	3.5	117	1	4	3.5	4.0	91	7	7	5.0	5.5	65	10	6	5.5	6.5	*36					*37					*38					*30				
20	157	4	3	4.0	4.5	115	4	2	4.5	6.0	86	9	3	4.0	5.0	65	10	5	*6.5	*8.0	*39					35	6	5			*41					*28				
21	157	3	5	4.0	6.0	116	5	3	5.5	7.5	88	12	8	*5.0	*6.5	66	10	6	*6.0	*7.5	37	8	6			*35					*41					*28				
22	157	4	4	4.0	5.0	115	6	2	5.0	7.0	86	10	6	*5.0	*6.0	65	10	4	*5.0	*7.0	37	8	4			*40					*41					*26				
23	157	4	3	4.0	5.0	115	7	0	6.0	6.5	86	7	5	5.5	6.0	65	9	4	*5.0	*8.0	37	10	4			*42					37	8	6			*28				

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 Thule, Greenland Lat. 76.6N Long. 68.7W Month June 19 62

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_{om}	D_u	D_ℓ	V_{dm}	L_{dm}
00	156	4	2	6.5	9.0	115	4	2	8.5	11.5	89	8	4	7.0	9.0	72	4	2	6.5	9.0	45	9	10			36	5	6			31	8	7			23	4	0		
01	156	3	2	7.0	9.0	115	4	2	8.5	11.0	90	3	6	6.5	8.5	72	4	4	6.0	9.0	40	15	5			34	3	7			27	10	2			23	4	0		
02	156	4	2	7.0	9.0	115	4	2	9.0	12.0	88	6	4	6.5	8.5	72	4	2	6.5	9.0	47	10	10			31	7	6			25	11	4			23	6	0		
03	156	2	2	6.5	8.5	115	3	2	9.0	12.0	88	4	4	7.0	9.0	72	4	2	7.0	9.0	47	8	9			29	7	5			23	9	8			23	4	0		
04	156	4	2	6.5	8.0	115	3	2	8.5	11.0	88	4	4	7.0	9.5	72	2	2	6.0	9.0	42	14	8			24	12	3			21	6	6			24	3	1		
05	156	2	2	7.0	9.0	115	3	3	8.5	11.0	88	4	4	6.5	8.5	72	2	2	6.5	9.0	45	11	8			26	10	4			19	6	6			24	3	1		
06	156	2	5	7.0	9.0	115	3	2	8.5	11.0	90	2	6	7.5	10.0	74	2	2	6.5	9.0	46	10	9			26	8	5			21	7	5			23	4	0		
07	156	2	2	6.5	8.0	115	3	2	8.0	10.0	92	2	6	7.0	9.0	74	2	2	6.0	9.0	45	11	8			24	12	2			19	9	7			23	4	1		
08	156	2	5	6.5	8.0	115	2	2	8.0	10.0	92	4	6	7.0	9.0	75	3	3	7.0	10.0	43	11	6			30	6	8			17	6	4			25	3	2		
09	154	4	4	7.0	9.5	115	2	2	9.5	12.0	92	4	6	7.0	10.0	76	3	4	7.0	9.0	49	8	12			28	22	6			*21					24	3	1		
10	156	2	3	6.5	8.0	115	4	2	9.0	11.0	92	2	6	6.5	9.0	76	1	4	6.5	9.5	*47					31	8	9			17	4	0			23	4	0		
11	156	4	4	7.0	9.0	115	4	2	8.0	10.0	92	4	6	7.0	9.0	74	3	2	7.0	9.0	43	10	4			26	10	6			17	2	4			23	6	2		
12	156	2	2	7.0	8.0	115	6	2	9.0	12.0	92	2	8	7.0	9.0	76	1	4	7.0	9.0	43	12	6			26	10	4			17	6	2			25	2	2		
13	156	2	2	6.5	8.0	117	5	4	8.5	11.0	92	2	8	7.0	9.5	74	2	2	7.0	10.0	45	10	6			26	19	4			17	6	2			23	6	0		
14	156	2	2	7.0	8.5	115	4	1	9.0	11.0	92	2	6	7.0	10.0	74	4	2	7.0	10.0	43	11	5			23	13	3			19	5	2			25	4	2		
15	156	4	2	6.5	9.0	115	4	0	8.0	10.5	91	2	5	7.0	9.0	74	4	3	7.0	10.0	43	10	8			22	17	2			21	4	4			25	8	2		
16	157	3	2	7.0	9.0	115	4	0	9.0	12.0	90	3	5	7.0	9.0	73	3	3	7.0	9.0	41	11	6			23	13	3			19	9	0			25	12	2		
17	158	1	4	7.0	9.0	117	0	2	8.0	10.0	90	2	6	7.0	9.0	73	3	3	7.0	9.5	41	11	8			22	10	2			21	9	2			24	16	1		
18	158	0	4	7.0	9.0	117	0	2	8.0	10.0	92	3	6	6.0	8.0	75	4	3	7.0	9.0	42	10	8			24	9	2			23	4	4			25	16	2		
19	158	2	4	7.0	9.0	117	2	2	8.5	11.0	92	4	6	6.0	8.0	72	2	2	7.0	9.0	39	15	4			24	8	2			29	4	6			25	16	2		
20	156	3	2	7.0	8.0	117	0	2	8.0	11.0	90	2	4	6.5	9.0	72	4	2	7.0	9.0	43	8	7			26	7	4			31	4	6			25	10	2		
21	158	0	4	7.0	9.0	115	6	0	8.5	11.0	90	2	6	7.0	9.0	72	2	2	6.5	9.0	41	13	5			28	8	4			30	7	4			25	12	2		
22	156	3	2	7.0	10.0	115	2	2	9.0	12.0	90	4	6	7.0	8.5	72	2	2	7.0	9.0	40	11	6			32	5	7			33	6	5			24	6	1		
23	156	2	2	7.0	9.0	115	4	2	9.0	12.0	90	2	5	6.5	9.0	72	2	2	6.5	8.5	45	10	7			35	4	6			31	8	7			24	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

USCOMM-NBS-DC

MONTH-HOUR VALUES OF RADIO NOISE

Station Thule, Greenland Lat. 76.6N Long. 68.7W Month July 1962

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	152	4	6	5.0	7.5	117	2	2	9.0	11.5	87	5	3	6.5	8.5	70	2	2	7.0	9.0	40	8	4			37	5	4			30	7	7			26	3	2		
01	152	3	5	5.0	6.0	117	0	4	8.5	11.0	87	3	3	7.0	9.0	70	2	2	7.0	9.0	38	12	6			35	6	6			30	6	9			26	4	2		
02	152	4	6	4.5	6.0	117	0	4	10.0	12.5	87	4	4	7.0	9.0	70	2	2	7.0	9.0	37	12	6			33	5	7			26	6	6			26	6	2		
03	152	3	6	4.5	6.0	115	2	2	9.0	11.5	87	6	4	7.0	9.5	70	2	2	7.0	9.0	36	14	4			31	5	6			24	4	6			26	4	3		
04	150	5	5	4.0	6.0	115	2	2	10.0	11.5	88	3	3	7.0	10.0	70	2	2	7.0	9.0	36	13	4			27	7	6			20	6	2			26	3	2		
05	151	4	4	5.0	6.5	117	2	2	9.0	10.0	87	4	2	7.0	9.0	70	2	2	7.0	9.0	36	13	4			24	7	5			20	4	2			26	2	2		
06	150	6	4	5.0	6.5	115	0	2	10.0	13.0	87	4	2	9.0	12.0	70	4	2	7.0	9.0	40	14	8			23	8	4			20	3	4			26	4	2		
07	152	3	5	4.5	6.5	115	2	2	8.0	10.0	87	3	3	9.0	12.0	72	2	4	7.0	9.0	38	14	2			25	10	6			20	4	4			26	4	2		
08	152	2	4	5.0	6.5	115	2	0	9.0	11.0	89	2	4	7.0	9.5	72	2	4	7.0	9.0	42	8	10			24	15	6			18	6	2			26	6	2		
09	152	2	6	4.5	6.0	115	2	2	7.5	10.0	89	3	3	7.0	9.5	72	2	2	7.0	10.0	40	18	4			24	12	5			18	7	4			24	6	0		
10	150	5	5	5.5	7.0	115	2	2	9.0	11.0	89	5	2	7.0	9.0	72	2	2	6.0	9.0	40	16	6			23	11	4			18	8	2			26	6	2		
11	152	2	6	5.5	7.0	115	3	2	7.5	10.0	89	4	2	7.0	9.0	72	2	4	7.0	9.0	42	10	8			21	12	4			18	6	2			24	7	1		
12	152	3	5	6.0	8.0	115	2	2	8.0	10.0	89	8	2	7.0	9.0	73	1	3	7.0	9.0	36	18	2			23	19	6			18	4	4			24	4	0		
13	152	3	3	5.0	6.0	117	0	2	8.0	10.0	89	6	3	6.5	8.0	72	2	2	7.0	9.0	40	11	4			20	12	3			18	5	3			26	6	2		
14	152	4	4	5.0	6.0	117	2	2	9.0	12.0	89	5	3	7.0	9.0	72	2	3	6.5	9.0	40	12	6			23	12	5			20	5	4			26	14	2		
15	152	4	7	5.5	8.0	117	2	4	8.5	10.5	89	6	4	7.0	9.0	72	2	2	7.0	9.5	37	17	4			24	14	7			20	4	4			26	7	2		
16	152	4	2	5.5	7.5	117	2	2	9.0	12.0	89	9	4	7.5	9.5	72	2	4	7.0	9.0	38	10	6			23	10	4			22	4	4			26	10	2		
17	152	4	8	6.0	8.0	117	2	2	9.0	12.0	87	6	2	7.0	9.5	70	4	2	7.0	9.5	38	14	6			27	8	8			24	4	4			26	12	2		
18	152	2	7	5.5	7.0	117	3	2	10.0	12.0	87	6	2	7.0	9.0	70	4	2	7.0	9.0	38	10	8			25	10	6			26	4	4			26	21	2		
19	152	4	8	5.5	7.0	117	2	2	10.0	12.0	87	8	4	7.0	9.5	71	1	5	7.0	9.0	38	14	8			29	5	9			28	6	8			27	12	3		
20	152	4	10	5.0	6.0	117	2	2	10.0	12.0	87	6	4	7.0	9.0	70	2	3	7.0	9.0	40	10	8			29	8	6			30	7	4			26	14	1		
21	151	3	8	6.0	7.0	117	4	2	8.5	11.0	87	6	4	7.0	9.0	70	2	2	7.0	9.0	38	12	6			33	5	4			30	8	5			26	3	2		
22	151	5	5	5.5	7.5	117	2	2	9.0	12.5	87	4	4	7.5	9.0	70	2	2	7.0	9.0	36	17	4			34	6	7			29	9	7			26	4	2		
23	150	4	4	5.0	7.0	117	2	0	9.0	11.0	86	5	3	7.0	10.0	70	2	2	7.0	8.0	38	8	6			35	6	3			30	10	10			27	5	3		

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

USCOMM-NBS-DC

MONTH-HOUR VALUES OF RADIO NOISE

Station Thule, Greenland Lat. 76.6N Long. 68.7W Month August 19 62

Hour (LST)	Frequency (Mc)																																					
	.013					.051					.160					.495					2.5					5					10					20				
	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_{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	142	4	4	7.0	11.0	116	6	0	11.0	15.0	85	8	6	7.0	10.0	67	3	11	7.5	10.0	38	9	0			40	4	6			23	6	6			28	2	4		
01	142	4	2	6.5	9.0	116	4	0	10.5	16.0	87	6	7	8.0	10.0	66	4	8	7.5	11.0	38	8	2			38	5	7			21	6	8			26	4	0		
02	142	4	4	6.5	10.0	116	2	0	12.0	16.5	85	7	6	8.0	10.0	66	4	8	7.5	10.0	38	11	6			38	7	4			21	6	6			28	2	4		
03	142	2	4	6.0	9.5	116	4	2	12.0	16.0	87	6	8	7.5	10.0	66	2	7	7.5	11.0	37	8	6			34	8	4			*21					27	3	1		
04	142	4	4	7.0	10.0	116	0	4	13.0	18.5	84	5	7	7.0	9.5	66	2	6	7.5	10.0	36	7	4			30	5	4			21	4	4			26	4	0		
05	140	4	2	7.5	10.0	116	0	4	13.0	19.0	85	6	10	7.0	9.0	66	4	11	7.0	10.0	35	5	5			28	8	4			19	2	5			28	4	2		
06	140	4	2	7.0	11.0	116	0	2	12.0	16.0	87	6	10	7.0	9.0	68	1	6	7.0	10.0	*40					26	9	2			17	5	3			26	6	1		
07	140	4	2	7.0	10.0	116	0	4	12.5	18.0	87	4	10	7.0	9.0	68	2	10	7.0	10.0	38	3	8			28	9	4			17	4	2			28	6	2		
08	141	3	3	5.5	8.5	116	0	2	11.0	13.0	87	3	10	8.0	10.0	68	2	12	7.0	10.5	38	16	8			25	12	3			17	5	5			28	5	2		
09	140	4	2	7.0	9.5	116	0	4	11.0	16.0	87	2	11	7.5	9.0	68	3	8	7.0	10.0	38	4	6			25	9	3			15	5	2			30	2	5		
10	142	2	4	6.0	8.5	116	2	2	11.5	14.0	87	7	10	7.0	9.0	68	2	10	7.5	10.0	40	16	9			26	4	4			17	4	4			28	4	2		
11	142	2	4	6.0	9.0	116	0	4	10.5	13.0	85	6	8	7.0	9.0	68	2	10	7.0	9.5	38	8	8			22	10	2			15	4	2			30	3	4		
12	140	4	2	5.5	8.0	116	0	4	11.0	14.0	87	4	10	8.0	10.0	66	4	9	7.5	10.0	38	16	9			24	9	4			17	10	4			30	3	4		
13	140	4	2	6.0	9.0	116	0	4	10.0	14.0	87	8	9	9.0	10.0	68	2	12	7.5	10.5	38	15	8			24	8	4			17	5	2			28	4	2		
14	140	4	2	5.5	8.0	116	0	2	10.5	14.0	84	12	10	9.0	12.0	67	3	9	7.0	10.0	42	12	11			24	13	2			19	6	3			26	7	0		
15	140	4	2	5.0	7.5	116	0	4	10.0	14.0	85	10	8	8.0	9.5	67	3	8	7.0	10.0	40	12	8			24	10	4			21	7	4			28	2	3		
16	140	4	2	5.0	8.0	116	0	2	10.0	14.0	85	10	8	7.0	9.0	67	3	7	7.0	10.0	38	8	7			24	8	3			21	4	4			28	3	2		
17	142	4	4	6.0	8.0	116	2	2	10.0	14.0	83	12	6	7.0	9.0	66	4	9	7.0	10.0	38	7	8			26	5	4			24	3	6			28	3	2		
18	142	6	4	6.0	9.0	116	2	1	10.0	15.0	85	4	8	6.5	9.0	66	2	7	7.0	10.0	36	8	5			26	6	3			25	6	4			26	4	0		
19	142	4	4	6.0	9.0	116	2	0	10.0	14.0	85	6	10	6.5	9.0	66	2	8	8.0	11.0	37	8	7			32	10	8			27	6	7			28	3	3		
20	143	3	3	6.0	8.0	116	2	0	11.0	16.0	81	8	6	7.0	9.5	65	5	8	7.0	10.0	34	8	5			36	4	11			29	6	3			27	4	1		
21	142	4	4	7.0	11.0	116	5	0	11.5	16.0	83	5	6	7.0	9.0	66	4	6	7.0	10.0	38	7	5			36	4	7			29	4	9			28	4	3		
22	142	4	4	7.0	11.0	116	6	0	9.0	14.0	85	4	6	8.0	11.0	64	4	8	7.0	10.0	36	15	3			39	3	4			27	6	8			28	4	2		
23	142	4	4	6.0	9.0	118	4	2	11.0	17.5	85	4	6	8.0	10.0	66	5	7	7.0	10.0	38	6	4			39	6	8			23	6	6			28	4	2		

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

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Balboa, Canal Zone Lat. 9.0N Long. 79.5W Season Summer(June July Aug.) 1962

	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	166	5	4	10.0	15.0	166	5	6	11.0	17.0	163	5	5	12.5	18.0	165	6	3	10.0	15.0	165	6	3	7.5	12.0	165	5	3	9.0	14.0
.051	146	5	6	8.5	13.5	145	7	9	10.0	16.5	139	9	9	12.5	18.0	141	11	7	11.0	16.0	141	10	6	9.5	14.0	143	6	4	7.5	12.0
.160	127	5	6	7.5	12.5	125	8	9	10.0	17.0	120	10	16	12.0	19.5	124	11	15	12.0	19.0	120	12	8	9.5	16.0	123	6	5	7.5	11.0
.495	104	7	6	6.5	11.5	100	10	12	8.5	15.0	94	14	13	10.5	17.0	101	14	16	12.0	19.0	98	13	9	8.0	14.0	102	6	5	6.5	10.5
2.5	73	4	4	4.5	8.0	70	6	6	7.0	12.5	51	15	13	9.0	14.5	54	21	17	9.5	15.0	64	14	10	8.0	13.0	71	4	5	5.0	8.5
5	64	4	3	4.0	7.0	60	5	4	5.5	9.5	46	11	6	7.5	11.5	48	17	9	7.5	12.0	61	8	6	5.0	7.5	64	3	3	3.5	5.5
10	48	7	5	3.5	5.5	46	6	6	3.0	5.5	40	4	5	4.5	7.0	44	9	5	5.5	9.0	53	4	4	3.0	5.5	52	5	6	3.0	4.5
20	27	7	4	2.0	3.0	27	7	5	2.5	4.0	27	6	4	3.5	5.0	31	9	5	4.5	7.0	32	6	5	3.5	5.0	27	6	4	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 Bill, Wyoming Lat. 43.2N Long. 105.2W Season Summer(*** June Aug.) 19 62

	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	164			9.5	16.0	160			10.5	18.0	161			12.0	18.5	167			7.0	12.5	168	6	3	6.5	11.0	167	7	5	8.5	14.5
.051	142			4.5	8.5	135			5.0	9.0	137			5.0	9.0	143			6.5	10.0	145	8	8	6.0	10.0	144	7	5	6.5	10.0
.160	117			7.0	13.0	105			11.0	19.0	107			12.5	19.5	121	18	16	9.0	15.5	124	10	12	7.0	12.0	121	10	6	6.0	10.5
.495	98			6.0	12.5	72			8.0	12.0	79			8.5	14.0	96	26	24	7.5	13.0	100	8	21	7.0	12.5	102	6	6	5.0	10.0
2.5	76			4.0	8.0	54			5.5	10.0	34			5.0	8.5	54	26	20	6.0	10.0	65	15	7	4.5	8.0	79	4	6	3.0	6.0
5	60			4.0	7.0	51			4.5	8.5	38			7.0	10.5	48	23	3	4.0	8.0	61	11	3	2.5	5.0	67	4	4	3.0	6.0
10	39			2.0	3.5	43			3.0	5.0	40			5.5	8.5	46	10	3	3.5	6.0	56	6	2	2.0	4.0	50	4	8	3.0	5.0
** 20	25			1.0	2.0	24			1.5	2.5	24			1.5	3.0	25	20	4	2.0	3.5	26	9	3	2.0	3.5	25	2	4	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

** No June or July Data
*** No June Data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Boulder, Colorado Lat. 40.1N Long. 105.1W Season Summer (June July Aug.) 1962

	TIME BLOCKS (LST)																										
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}
.013	164	3	3	9.5	15.5	161	4	4	11.5	18.0	161	3	3	10.5	17.5	169	4	4	7.5	13.0	169	4	4	7.5	12.0	167	4	4	8.5	13.5
.051	142	4	6	6.5	11.5	133	6	5	8.5	13.5	134	6	5	8.5	14.0	145	8	8	7.0	12.5	147	6	7	7.0	11.5	145	5	5	6.0	11.0
.160	120	5	7	7.0	12.0	107	9	13	11.5	18.0	105	10	13	10.5	17.5	123	11	15	9.0	14.5	127	7	9	7.0	12.0	124	5	7	5.5	10.0
.495	98	5	6	6.0	12.0	75	13	8	7.5	14.0	78	16	10	8.0	13.5	106	12	22	9.0	11.5	108	8	13	7.0	12.5	105	5	7	4.5	8.5
2.5	74	4	6	4.5	8.5	55	6	5	3.5	6.5	48	8	5	2.5	4.5	64	15	14	5.5	10.5	69	10	11	5.0	8.5	77	3	5	3.5	7.0
5	62	5	5	4.5	8.0	52	5	6	4.0	8.0	43	6	4	3.0	4.5	52	12	9	4.5	8.0	62	6	6	3.5	6.0	67	4	6	3.5	7.0
10	41	7	8	3.0	5.5	40	5	4	4.0	7.0	38	6	4	5.0	7.5	46	9	4	3.5	6.5	53	4	3	2.5	4.5	52	6	8	2.0	4.5
20	24	2	2	1.5	3.5	24	2	2	2.0	3.5	27	7	3	2.5	5.5	31	4	5	4.5	7.0	31	6	4	3.5	5.0	26	4	3	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 Byrd Station, Ant. Lat. 80.0S Long. 120.0W Season Winter (*** July Aug.) 1962

	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	105	6	4			106	6	6			106	6	7			105	5	8			104	5	6			103	7	3		
.113	88	7	7			88	7	6			88	6	7			87	6	6			88	5	7			88	4	7		
.246	69	7	0			71	7	2			69	6	0			71	3	3			72	5	3			70	7	0		
.545	52	7	5			53	6	4			52	7	4			53	6	4			53	4	5			51	7	4		
2.5	22	16	1			23	8	2			23	10	1			22	13	0			23	8	2			23	6	2		
5	28	8	10			26	13	13			26	12	12			31	10	10			32	7	10			31	8	12		
10	28	4	6			25	6	11			24	6	6			26	4	4			25	3	5			25	4	6		
** 20	24	2	2			24	3	2			24	2	2			24	2	2			24	2	2			24	2	2		

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

D_u = ratio of upper decile to median in db

D_ℓ = ratio of median ta lawer decile in db

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

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

** No June Data

*** No June or July Data

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SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Cook, Australia Lat. 30.6S Long. 130.4E Season Winter (June July Aug.) 19 62

	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	2	2	8.0	12.0	154	2	2	8.0	13.0	150	3	3	10.5	15.5	150	3	3	12.0	17.5	151	3	3	8.5	13.5	154	3	2	8.5	13.0
.051	126	3	4	9.0	14.0	124	3	4	8.5	13.5	107	6	5	11.5	18.0	108	9	6	12.0	18.5	112	10	6	10.5	17.0	122	5	4	10.0	16.0
.160	101	5	5	7.5	13.5	93	6	6	8.0	14.0	63	14	5	7.0	9.5	65	14	6	7.0	9.5	84	14	9	11.5	19.0	98	8	6	9.0	15.5
.545	81	6	7	7.0	13.0	68	8	7	6.0	10.0	46	9	5	3.5	5.5	48	9	6	3.0	5.0	70	11	9	6.0	12.0	81	8	6	6.5	11.5
2.5	52	6	4	5.5	9.5	46	7	5	8.0	9.5	17	8	2	5.0	7.0	16	9	2	4.5	6.5	35	15	8	7.5	12.0	51	10	4	6.0	9.5
5	51	6	4	5.0	7.5	49	5	5	4.5	7.5	22	9	6	5.0	7.5	19	11	4	5.5	7.5	42	10	6	6.5	10.5	52	7	4	5.0	9.0
10	37	5	4	3.5	6.0	34	6	3	3.5	5.5	28	6	5	3.5	6.0	29	6	5	3.5	5.0	41	6	4	3.5	5.5	40	5	4	3.5	6.5
20	23	0	0	2.5	4.5	22	1	1	3.5	5.5	22	2	1	3.0	4.5	23	2	2	3.0	4.5	23	1	1	3.0	5.0	23	0	2	3.0	4.0

F_{am} = median value af effective antenna naise in db abave ktb
D_u = ratia of upper decile to median in db
D_ℓ = ratio af median ta lawer decile in db
V_{dm} = median deviation af average valtage in db belaw mean pawer
L_{dm} = median deviatian af average lagarithm in db belaw mean pawer

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Enkoping, Sweden Lat. 59.5N Long. 17.3E Season Summer(June July Aug.) 19 62

	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	3	8.5	14.5	151	4	3	10.0	16.5	153	4	3	10.5	17.0	158	4	4	9.5	15.5	156	4	4	8.0	13.5	154	4	4	7.5	13.0
.051	123	7	7	9.5	15.5	116	9	8	12.5	20.0	122	6	7	12.5	20.5	128	5	6	10.0	17.0	126	6	7	8.5	15.0	126	6	8	8.0	14.5
.160	103	6	6	4.5	10.0	81	12	6	7.0	11.0	88	9	6	8.0	13.0	95	12	10	9.5	15.0	93	11	10	8.0	14.0	104	5	7	5.0	9.5
.495	70	9	6	4.5	8.5	52	8	4	4.0	6.5	57	13	6	6.5	10.5	61	18	8	10.0	15.5	62	12	6	6.0	9.5	79	8	8	4.0	7.0
2.5	61	7	8	6.0	10.5	38	9	6	7.0	11.5	32	5	5	6.0	9.5	33	9	5	7.5	11.0	42	8	6	5.0	9.5	61	8	7	5.0	9.0
5	54	5	6	4.0	8.0	40	7	4	4.0	7.5	34	7	5	6.0	9.5	37	8	7	7.0	11.0	48	6	6	4.5	8.0	59	5	6	3.5	7.0
10	44	7	7	2.5	5.0	43	6	5	3.5	6.5	41	4	5	7.5	11.0	45	6	6	6.0	11.0	48	7	5	4.5	8.5	48	15	7	3.5	7.0
20	18	3	2	1.5	3.0	18	4	2	1.5	3.0	20	5	4	2.0	4.0	19	4	3	2.0	4.0	21	5	3	2.0	4.0	19	4	2	1.5	3.0

F_{am} = median value of effective antenno naise in db abave ktb
D_u = ratio of upper decile to median in db
D_ℓ = rotio af median ta lawer decile in db
V_{dm} = median deviation of average voltoge in db belaw meon power
L_{dm} = medion deviotian of overage logorithm in db below mean power

USCOMM-NBS-BL

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Front Royal, Virginia Lat. 38.8N Long. 78.2W Season Summer (June July Aug.) 19 62

	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	115	5	6			104	9	7			98	11	8			106	17	8			110	18	11			115	8	5		
.500	89	6	6			69	11	6			62	11	4			68	26	8			73	27	12			87	10	6		
2.5	73	5	6			52	9	6			30	7	3			38	22	5			51	22	10			72	7	6		
5	65	4	5			53	6	4			37	6	4			41	12	6			56	10	7			67	6	4		
10	40	4	4			41	4	4			38	4	3			40	6	3			48	4	3			48	4	4		
20	23	0	0			23	1	0			23	2	1			25	4	1			27	4	2			25	2	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

USCOMM-NBS-BL

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SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Kekaha, Hawaii Lat. 22.0N Long. 159.7W Season Summer (June July Aug.) 19 62

	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	2	2	9.0	15.5	154	3	2	12.0	19.0	151	4	3	10.0	16.0	151	3	2	8.5	14.0	149	2	2	9.5	15.5	151	2	2	7.5	13.0
.051	127	4	4	11.0	17.0	125	5	5	13.0	20.5	111	11	6	11.5	17.0	111	9	4	10.0	15.0	108	6	4	7.5	12.0	122	4	4	8.0	13.0
.160	102	6	7	11.0	19.0	91	13	8	13.5	22.0	76	19	8	13.5	22.0	71	14	5	11.5	18.5	75	10	4	6.5	11.5	97	6	5	8.0	13.5
.495	80	8	11	12.5	22.0	68	14	8	12.0	19.5	52	16	4	6.5	9.5	50	9	2	6.0	9.5	54	8	4	5.0	8.5	74	9	7	9.5	16.0
** 2.5	56	6	6	7.0	11.0	53	6	6	7.5	11.0	34	5	3	3.0	5.0	32	6	3	2.5	4.5	36	6	3	3.0	4.5	54	6	6	6.5	10.0
** 5	59	7	6	5.5	10.0	46	5	4	6.0	9.0	26	6	4	3.5	5.5	23	7	4	4.0	6.5	35	7	5	4.5	7.5	52	3	4	3.5	7.0
** 10	42	5	4	4.0	6.0	34	4	3	3.5	5.5	22	5	3	4.0	6.0	20	6	4	3.5	5.5	42	6	6	2.5	4.5	45	6	5	3.5	5.5
** 20	24	1	1	1.5	3.0	23	2	1	2.0	3.5	21	2	1	2.0	3.5	22	2	1	2.0	4.0	25	3	1	2.5	4.0	25	1	1	2.0	3.5

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

D_u = ratia af upper decile ta median in db

D_ℓ = ratia af median ta lawer decile in db

V_{dm} = median deviatian af average valtage in db belaw mean pawer

L_{dm} = median deviatian af average lagarithm in db belaw mean pawer

** No August Data for Log and Voltage

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SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station New Delhi, India Lat. 28.8 N Long. 77.3E Season Winter (Dec. *** Feb.) 1961-62

	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	5	2	10.0	14.5	152	3	3	9.5	16.0	148	3	4	10.5	17.5	150	9	4	12.0	17.5	152	10	4	10.5	14.0	155	4	4	10.5	13.5
*** .051	130	11	3	12.0	16.0	124	10	5	11.0	16.0	108	20	8	11.0	12.5	117	19	14	11.5	17.5	124	16	16	12.0	18.0	131	10	8	11.0	15.5
*** .160	107	14	5	9.0	14.0	97	16	6	10.0	14.0	84	22	12	9.0	9.0	95	23	19	11.5	16.0	103	19	15	9.0	15.0	110	13	11	10.5	17.0
*** .495	83	13	9	5.5	12.5	72	17	9	4.5	8.5	66	21	6	4.0	4.0	70	34	8	4.5	9.0	81	24	13	5.0	9.0	87	14	14	5.0	11.0
** 2.5	60	9	7	6.0	9.5	53	12	4	4.0	6.0	42	6	5	3.0	5.5	42	20	4	3.0	5.0	54	20	13	5.5	9.0	61	10	10	6.5	11.0
** 5	58	6	4	4.0	7.0	52	4	5	3.5	6.0	39	7	4	4.0	6.0	40	18	6	4.0	6.0	56	11	7	5.0	7.5	57	6	7	5.5	9.0
** 10	39	7	4	3.5	5.5	37	5	4	2.5	3.5	38	5	3	3.0	5.0	39	21	4	7.0	9.0	46	8	6	5.5	8.5	42	4	4	4.0	6.0
** 20	24	3	2	2.0	3.0	24	3	2	2.0	4.0	26	5	4	3.0	4.5	28	5	4	4.5	7.5	26	6	3	2.5	4.0	24	4	4	2.0	3.5

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

D_u = ratio of upper decile to median in db

D_ℓ = rotio of medion to lower decile in db

V_{dm} = median deviation af averoge valtoge in db belaw mean pawer

L_{dm} = medlon deviation of averoge logarithm in db below mean power

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*** No January Data

** No December or January data for D_u and D_e or for L_{dm} and V_{dm} on high frequencies

Correction: The frequency on RN-13 for February 1962 should be .495 instead of .545.

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station New Delhi, India Lat. 28.8N Long. 77.3E Season Spring (Mar. Apr. May) 1962

	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	4	3	10.5	15.5	152	4	4	12.0	18.0	150	5	5	14.0	20.0	154	5	4	13.0	18.0	156	5	5	10.0	14.5	156	4	4	9.0	14.0
.051	136	6	4	11.0	16.5	127	11	5	11.0	17.5	123	10	9	14.5	20.0	130	10	7	12.5	18.0	136	10	9	11.0	16.0	137	6	5	8.5	15.0
.160	115	8	6	10.0	15.5	104	16	9	11.5	17.5	96	17	8	9.5	17.5	107	14	10	10.5	16.0	115	13	12	10.0	14.5	118	7	7	9.0	14.0
.495	94	10	9	9.5	14.5	77	21	7	5.5	9.0	72	20	7	4.0	9.5	83	18	13	8.5	14.0	93	17	16	9.0	14.0	98	9	9	8.0	13.0
2.5	67	7	12	6.0	10.0	56	12	9	4.5	7.0	46	10	8	2.0	4.0	47	11	6	3.0	5.0	59	14	11	4.5	7.5	69	8	9	5.0	8.5
5	56	6	7	4.5	7.0	49	6	8	3.5	6.0	38	9	7	3.0	4.5	38	9	7	4.0	6.5	55	9	9	4.0	7.0	59	7	9	5.0	8.0
10	44	6	6	4.0	6.5	42	5	7	2.5	5.0	38	9	7	4.0	7.0	43	7	8	4.0	7.0	50	9	6	5.0	7.5	47	6	5	5.0	8.0
20	24	3	4	2.0	3.5	24	5	4	2.0	4.0	25	7	3	4.0	6.0	28	8	4	3.5	5.5	31	8	6	4.0	7.0	24	5	4	3.0	4.5

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

D_u = ratio of upper decile to median in db

D_ℓ = ratio of median to lower decile in db

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

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

** No April Data

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SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station New Delhi, India Lat. 28.8N Long. 77.3E Season Summer (*** *** Aug.) 19 62

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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_{om}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}
.013	153	6	4	8.0	12.0	152	5	4	9.0	13.5	148	7	3	9.0	14.0	155	4	5	9.0	14.0	156	6	3	9.0	13.0	154	4	4	7.0	11.0
.051	137	8	7	6.5	10.5	129	10	8	10.0	15.0	119	18	12	13.5	16.0	135	13	8	9.5	14.5	136	9	7	10.0	14.0	136	9	6	8.0	12.0
.160	118	9	10	7.5	12.0	108	14	16	11.0	17.0	93	32	9	9.0	15.5	115	14	14	9.0	16.0	118	12	12	11.5	16.5	118	8	6	8.0	13.0
.495	98	13	15	6.5	11.5	84	18	13	11.0	17.0	73	31	8	7.0	10.0	94	20	16	6.5	12.0	96	13	10	9.0	13.5	100	11	8	8.5	14.0
2.5	66	13	10	6.0	8.0	58	16	11	4.5	6.5	46	11	6	5.0	6.5	52	19	12	5.0	6.5	62	14	9	6.5	9.0	67	8	8	4.0	7.0
5	58	8	7	4.0	6.0	52	10	6	4.5	5.5	44	14	11	5.0	6.0	44	18	9	7.0	8.0	58	9	8	5.0	6.5	60	9	8	4.0	5.5
10	42	5	3	4.0	5.0	40	6	4	3.0	3.5	38	8	6	4.0	6.5	40	10	4	5.0	5.5	49	5	5	5.5	7.5	46	5	4	6.0	6.5
20	29	2	4	2.0	3.5	28	4	4	2.0	2.5	27	7	4	6.5	7.5	28	6	4	5.5	7.0	31	5	4	4.0	5.0	28	4	3	4.0	5.0

F_{om} = median volue of effective ontenna noise in db obove ktb

D_u = rotio of upper decile to medion in db

D_ℓ = rotio of median to lower decile in db

V_{dm} = median deviotion of overoge voltoge in db below meon power

L_{dm} = medlon deviotion of averoge logarithm in db below meon power

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*** No June or July Data

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Ohira, Japan Lat. 35.6N Long. 140.5E Season Summer (June July Aug.) 1962

	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	5	3	10.0	15.0	154	5	4	10.0	15.5	153	4	3	11.0	16.5	156	4	3	10.0	15.5	158	5	3	7.0	12.0	157	4	3	9.0	14.0
.051	132	6	5	9.0	16.0	123	9	6	11.0	17.0	122	7	5	11.0	17.0	126	8	5	9.0	14.5	125	9	6	7.5	12.5	131	5	5	8.5	14.5
.160	111	7	6	8.5	16.0	92	16	10	12.5	19.0	89	15	9	10.0	15.5	92	18	9	9.0	14.5	94	18	9	9.0	14.5	110	6	7	7.5	13.5
.495	87	9	7	8.0	14.5	63	17	6	7.0	11.5	63	17	5	4.0	6.5	66	21	7	8.5	15.0	70	19	7	8.5	13.5	86	7	6	7.0	13.0
2.5	63	6	6	5.5	10.0	48	7	4	7.0	11.0	39	7	2	10.0	14.0	39	9	4	9.0	14.0	46	13	4	6.5	10.5	61	7	5	5.0	9.0
5	58	5	4	4.5	8.0	48	8	5	6.0	9.5	36	9	4	7.5	10.5	36	10	4	7.0	10.5	50	8	6	5.0	9.0	64	7	5	5.0	9.0
10	40	6	4	4.5	7.5	36	7	4	5.5	8.5	30	11	3	6.0	8.5	32	9	5	5.0	8.0	42	10	3	4.0	7.0	44	7	4	4.5	8.0
20	26	2	2	1.0	2.5	25	2	1	1.5	3.5	25	3	2	2.0	3.5	26	3	2	2.0	4.0	29	3	3	2.0	4.0	27	2	2	1.5	3.0

F_{am} = median value af effective antenna naise in db abave ktb
D_u = ratia of upper decile to median in db
D_ℓ = ratia af median ta lawer decile in db
V_{dm} = median deviation af average valtage in db belaw mean pawer
L_{dm} = median deviatian af average lagarithm in db belaw mean power

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SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Pretoria, S. Africa Lat. 25.8S Long. 28.3E Season Winter (June July Aug.) 19 62

	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	142	6	4			141	6	4			136	10	4			140	7	5			142	6	6			142	5	4		
.051	127	11	8			122	15	6			113	17	11			118	11	8			121	11	9			126	11	8		
.160	104	12	9			90	18	8			75	24	6			77	23	9			90	13	13			102	14	10		
.495	89	12	7			78	19	11			84	10	26			85	9	28			82	21	14			91	11	10		
2.5	66	12	7			60	12	7			50	3	4			48	3	5			56	11	6			65	10	6		
5	56	9	6			53	9	6			45	6	5			43	7	9			53	10	7			56	10	5		
10	32	5	3			32	6	4			30	16	5			32	14	6			40	6	4			35	5	4		
20	22	1	2			22	2	2			23	2	2			23	2	2			23	2	2			22	1	1		

F_{am} = median value of effective antenna noise in db abave ktb
D_u = ratia of upper decile ta median in db
D_ℓ = ratia of median ta lawer decile in db
V_{dm} = median deviatian af average valtage in db belaw mean pawer
L_{dm} = median deviation of average logarithm in db belaw mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Rabat, Morocco Lat. 33.9N Long. 6.8W Season Summer (June July Aug.) 19 62

	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	5	6			150	6	6			148	4	4			151	4	6			151	4	6			151	4	6		
.051	129	6	8			121	6	10			116	6	8			125	6	11			125	8	9			128	7	7		
.160	113	6	11			92	8	9			90	8	8			98	12	12			101	15	14			110	6	9		
.495	84	6	9			63	8	6			56	15	4			66	23	12			72	21	11			86	7	7		
2.5	59	6	17			52	6	11			40	9	8			39	8	8			46	8	9			60	8	10		
5	56	9	14			45	8	9			28	9	7			28	8	7			44	10	8			56	9	11		
10	44	6	7			41	6	6			34	23	7			33	11	6			44	9	7			46	10	7		
20	24	3	4			24	4	6			24	7	5			27	4	6			30	6	6			26	3	6		

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

D_u = ratio of upper decile ta median in db

D_ℓ = ratio of median ta lawer decile in db

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

L_{dm} = median deviatian af average logarithm in db belaw mean pawer

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station São José, Brazil Lat. 23.3S Long. 45.8W Season Summer(Dec. Jan. Feb.) 1961-62

	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	129	7	5	7.5	11.0	123	8	9	9.0	14.5	119	9	10	11.5	18.0	133	15	8	11.0	15.5	138	11	9	8.5	12.0	133	10	6	8.0	11.0
** .113	110	10	6	7.0	10.5	96	14	11	7.0	10.0	93	13	10	9.0	11.0	111	16	13	10.0	14.0	115	11	11	9.0	13.0	112	9	7	7.0	10.0
** .246	94	8	10	8.0	12.0	75	15	12	8.5	13.0	73	25	10	10.0	14.5	96	17	23	9.5	15.0	97	13	15	9.5	14.5	98	9	8	8.5	9.5
** .545	86	9	5	8.0	11.5	85	7	7	5.0	6.0	88	8	6	3.0	4.0	93	13	8	6.0	7.0	91	11	6	4.0	4.5	92	7	7	5.5	8.0
*** 2.5	61	8	6	10.5	17.5	49	9	9	9.0	15.5	34	13	7	7.5	10.0	50	21	16	13.0	22.0	61	11	10	11.0	18.0	65	6	5	9.0	14.5
*** 5	59	5	5	10.0	16.0	53	8	8	10.0	17.0	38	13	8	11.0	15.5	46	16	10	12.0	19.0	59	6	7	8.0	12.0	64	4	6	8.0	12.5
*** 10	46	6	5	9.0	13.0	45	10	10	8.0	12.0	39	10	12	9.0	15.0	44	6	8	8.5	13.0	49	4	6	7.5	11.5	48	6	4	8.0	12.5
*** 20	28	3	3	6.0	7.0	29	9	4	5.0	7.0	29	9	4	6.0	8.5	33	9	7	8.0	12.5	34	6	6	7.0	10.0	30	7	4	5.5	7.0

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

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** No February data for log and voltage

*** No January or February data for log and voltage

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Singapore, Malaya Lat. 1.3N Long. 103.8E Season Winter (Dec. Jan. Feb.) 1961-62

	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	3	10.5	16.5	155	2	3	11.0	18.5	152	4	3	13.0	20.5	155	4	3	11.5	18.0	156	4	3	12.0	19.0	156	3	3	11.0	17.0
.051	135	5	4	11.0	18.5	129	6	5	13.5	22.0	120	7	8	15.0	23.5	128	8	6	13.0	21.0	133	7	7	13.0	22.0	134	5	4	12.5	20.0
.160	115	5	5	11.5	20.0	102	10	8	14.0	23.0	90	11	11	14.5	23.5	100	15	9	14.0	23.0	110	7	8	12.0	21.5	115	5	5	12.0	21.0
.545	89	6	6	11.5	21.5	71	12	8	13.0	21.5	60	12	7	9.0	14.5	75	17	11	12.5	21.5	85	9	9	10.5	19.0	90	6	6	10.0	18.0
2.5	63	6	5	8.5	15.0	55	6	6	9.0	15.0	30	8	3	6.5	10.5	32	11	5	7.5	10.5	52	8	6	7.5	12.5	62	5	5	7.5	13.0
5	59	5	3	6.0	10.0	52	4	4	6.5	11.0	31	6	4	8.0	12.5	33	11	5	7.5	12.5	56	5	6	5.5	10.0	60	4	4	4.0	7.5
10	44	7	7	4.5	8.0	39	6	4	4.0	7.0	31	7	4	6.0	9.0	38	9	7	5.5	9.5	49	7	5	4.0	7.5	48	6	4	4.5	7.5
20	24	1	1	2.0	4.0	25	1	0	2.0	4.0	24	3	1	2.5	5.0	26	4	2	3.0	5.5	26	3	2	3.5	5.5	26	3	2	3.0	5.5

F_{am} = median value af effective antenna noise in db above ktb
D_u = ratia 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 belaw mean pawer
L_{dm} = median deviatian of average logarithm in db below mean power

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Singapore, Malaya Lat. 1.3N Long. 103.8E Season Spring (Mar. Apr. May) 1962

	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	6	4	10.5	16.0	159	5	5	11.5	18.5	156	6	5	14.0	21.5	161	8	5	12.0	19.5	162	5	5	10.0	16.0	159	6	4	9.5	15.0
.051	141	6	5	10.0	16.5	136	7	6	12.0	20.0	130	8	9	15.5	24.5	137	11	8	13.0	21.5	141	6	7	11.0	19.5	140	6	5	10.0	17.0
.160	122	6	5	9.5	17.0	114	10	9	13.5	22.5	106	14	13	15.0	25.5	119	15	13	13.5	23.0	121	7	8	10.5	19.0	121	7	4	9.0	16.0
.545	94	7	6	8.0	15.5	83	12	12	11.5	21.5	73	23	12	11.0	19.5	94	16	17	13.0	24.0	95	8	9	9.0	17.0	95	6	6	8.0	14.5
2.5	64	5	6	7.0	13.0	59	6	7	9.0	15.0	33	13	6	8.5	13.5	43	27	10	9.5	15.5	59	10	8	6.5	12.5	64	4	5	5.5	10.5
5	60	4	4	5.0	9.0	54	6	5	6.5	11.0	34	10	6	9.5	14.0	42	19	8	8.5	14.0	58	5	5	5.5	10.0	61	4	4	4.0	8.0
10	47	6	5	5.0	9.0	42	7	5	5.0	8.0	35	7	7	9.0	14.0	40	10	5	8.0	13.0	48	8	3	4.5	8.0	50	9	3	4.0	8.0
20	24	3	1	2.5	4.5	24	3	1	2.5	4.5	22	4	2	3.5	6.0	27	11	4	5.0	8.0	29	4	3	4.0	7.0	28	5	2	3.5	6.0

F_{om} = median value of effective ontenno 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 overage logorithm in db below meon power

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SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Thule, Greenland Lat. 76.6N Long. 68.7W Season Spring (Mar. Apr. May) 19 62

	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	163	4	3	4.5	6.5	161	3	3	4.0	6.0	162	4	4	4.0	6.0	161	4	4			162	4	6	3.5	5.5	163	4	4	4.5	6.5
.051	118	4	2	5.5	7.5	117	4	2	6.0	8.0	117	2	2	6.5	8.5	117	3	2			117	4	2	5.0	7.0	117	4	2	5.0	7.5
.160	86	5	4	5.0	7.0	87	5	4	5.0	7.0	87	8	6	5.0	7.0	87	6	4			88	7	4	5.5	7.0	87	6	4	5.0	7.0
*** .495	67	6	6	5.0	7.0	68	8	6	5.5	8.0	70	6	9	6.5	9.0	70	7	8			67	8	6	5.0	6.5	65	10	5	5.5	7.5
2.5	42	10	6			42	9	2			41	5	7			42					40	12	5			40	9	5		
5	39	5	5			37	7	4			34	6	5			33	4	5			36	12	6			40	6	4		
10	26	8	5			25	5	4			21	8	4			24	6	5			31	9	9			32	9	7		
** 20	27	2	0			28	2	1			28	3	2			28	2	0			29	2	0			28	2	0		

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

D_u = ratia of upper decile to median in db

D_ℓ = ratio of median to lawer decile in db

V_{dm} = median deviation af average valtage in db belaw mean power

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

** No April Data

*** No March or April Data

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SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

Station Thule, Greenland Lat. 76.6N Long. 68.7W Season Summer(June July Aug.) 19 62

	TIME BLOCKS (LST)																									
	0000–0400					0400–0800					0800–1200					1200–1600					1600–2000					2000–2400				
Frequency (Mc)	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}
.013	150	3	4	6.0	8.5	149	4	3	6.0	8.5	149	3	4	6.0	8.0	149	3	3	6.0	8.0	150	3	4	6.0	8.5	150	3	4	6.0	8.5
.051	116	3	2	10.0	13.0	116	2	3	10.0	13.0	115	2	2	9.5	12.0	116	2	3	9.0	12.0	116	2	2	9.5	12.5	116	3	1	9.5	13.0
.160	87	6	5	7.0	10.0	88	4	6	7.5	9.5	89	4	6	7.0	9.0	89	6	6	7.5	9.5	88	6	6	7.0	9.0	87	4	5	7.0	9.5
.495	70	3	4	7.0	9.5	70	2	4	7.0	9.5	72	2	5	7.0	9.5	71	3	5	7.0	10.0	70	3	5	7.0	9.5	69	3	4	7.0	9.0
2.5	40	10	6			40	10	6			42	11	7			40	13	6			39	10	7			39	10	6		
5	35	6	6			26	9	4			25	11	5			24	13	4			25	8	5			34	6	6		
10	25	7	6			20	5	4			17	5	3			19	6	3			24	5	4			29	7	6		
20	25	4	2			26	4	1			26	5	2			26	6	2			26	11	2			26	6	2		

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

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U.S. DEPARTMENT OF COMMERCE
Luther H. Hodges, Secretary

NATIONAL BUREAU OF STANDARDS
A. V. Astin, Director

THE NATIONAL BUREAU OF STANDARDS

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