

MONTH-HOUR VALUES OF RADIO NOISE

STATION SINGAPORE, MALAYA

LAT. 1.3 N

LONG. 103.8 E

MARCH 1965

H. R. L. S. T.	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}
00	164	6.0	4.0	*10.5	*15.0	146	9.0	4.0	*13.0	*19.5	124	9.5	6.4	*11.8	*19.0	98	10.7	9.5	*11.5	*19.0
01	164	6.0	3.5	*12.0	*14.0	146	7.5	5.5	*13.0	*21.0	126	7.5	7.5	12.0	20.0	98	10.4	9.0	*11.0	*19.0
02	164	5.0	5.0	*12.0	*19.0	146	5.5	6.0	*14.0	*21.0	126	6.0	6.0	*11.8	*21.0	98	9.5	7.5	*10.5	*19.5
03	164	4.0	0.0	*13.5	*19.5	144	7.5	4.0	12.5	21.0	124	7.5	5.5	*11.8	*20.5	100	5.5	13.5	*13.0	*21.0
04	162	3.7	4.0	*13.0	*19.5	144	4.0	5.5	*14.0	*21.5	124	4.0	7.0	*13.0	*22.5	98	5.7	12.0	*11.8	*21.5
05	162	4.0	3.5	12.5	19.0	144	4.1	5.3	*15.3	*20.3	124	4.0	7.5	15.5	24.0	93	8.5	12.5	* 9.5	*19.0
06	162	2.7	3.5	*13.0	*19.0	136	10.4	5.0	*15.0	*21.0	108	18.9	13.0	*15.0	*25.0	80	15.5	15.0		
07	164	5.8	4.1	*13.0	*20.0	132	6.4	7.5	*16.0	*23.0	104	14.2	12.0	*16.3	*26.5	* 85			* 8.5	*18.0
08	158	6.0	5.6	*14.0	*21.0	*132			*17.3	*25.5	100	14.8	6.6	*14.0	*22.0	* 79			*14.5	*23.0
09	*160			*14.8	*22.3	*130			*17.5	*27.0	* 97					* 84				
10	*157			*16.5	*24.0	*130			*18.0	*27.0	* 96			*13.3	*18.3	* 92			* 9.5	*11.0
11	*156			*16.0	*24.0	*128			18.5	26.0	* 96			*14.8	*20.3	* 93				
12	*157			16.5	23.0	*134			17.5	26.0	*106			*13.8	*19.8	* 92			*15.0	*21.0
13	*162			15.5	24.0	*142			*13.5	*21.0	*121			*13.0	*20.0	* 98				
14	*162			*11.5	*17.5	*146			*15.0	*23.3	*124			*10.0	*18.0	*104			*10.3	*18.5
15	*166			*14.0	*22.0	146	4.2	12.1	*11.0	*19.5	123	14.7	16.0	*11.0	*18.0	100	15.9	17.1	*12.5	*22.5
16	166	10.3	0.0	9.8	17.0	145	10.3	8.3	*14.0	*23.0	121	14.3	12.3	*13.8	*20.3	97	15.0	12.1	* 9.8	*18.8
17	166	6.0	0.0	* 9.5	*13.5	144	9.1	6.0	*13.3	*22.3	122	10.0	11.3	*14.5	*24.0	94	13.5	8.0	* 9.3	*18.5
18	164	4.3	3.1	*12.8	*19.0	144	5.1	6.0	*11.5	*19.5	124	9.1	7.5	*10.8	*19.8	98	11.2	3.5	* 5.0	*12.0
19	164	6.0	3.1	*13.0	*18.8	146	5.1	4.0	*10.5	*19.5	126	5.1	4.5	* 9.5	*16.0	98	11.1	4.0	* 7.5	*15.0
20	162	7.3	3.1	*12.0	*17.0	146	5.1	5.1	*11.0	*18.5	126	6.0	6.0	*10.0	*18.0	100	7.6	6.0	* 9.0	*18.0
21	162	6.2	4.0	* 9.0	*13.5	146	5.1	4.0	*11.0	*17.5	126	4.0	4.5	9.0	16.5	98	13.5	5.5	*10.8	*20.3
22	164	4.0	6.2	10.5	16.0	146	7.1	5.1	*12.8	*20.0	126	7.1	9.1	* 8.0	*17.0	98	11.6	7.6	*10.5	*18.0
23	164	3.6	3.3	* 9.8	*14.8	146	6.6	6.0	11.5	18.0	126	7.3	7.3	11.0	19.8	95	17.8	5.0	12.0	19.0

H. R. L. S. T.	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}
00	* 61			* 5.5	*10.0	* 61			* 5.0	* 7.5	* 50			* 7.0	* 9.5	* 31			* 2.3	* 3.5
01	* 61			* 6.5	*10.5	* 60			* 4.5	* 7.5	* 48			* 3.8	* 7.0	* 31			* 2.0	* 3.0
02	* 62			* 6.5	*10.0	* 59			* 5.0	* 8.0	* 45			* 5.0	* 7.5	* 31			* 2.0	* 3.3
03	* 62			* 6.3	* 9.5	* 58			* 3.3	* 6.5	* 42			* 3.5	* 6.0	* 31			* 1.5	* 2.5
04	* 59			* 6.5	*11.0	* 55			* 5.5	* 8.5	* 36			* 2.5	* 4.0	* 31			* 2.0	* 3.5
05	* 58			* 8.0	*12.0	* 50			5.0	7.5	* 36			* 2.3	* 3.8	* 31			* 2.3	* 3.3
06	* 53			* 8.0	*11.5	* 58			* 4.5	* 6.5	* 48			* 4.5	* 7.5	* 31			* 2.3	* 3.5
07	* 42			*10.0	*14.3	* 52					* 40			* 3.0	* 5.5	* 31			* 2.5	* 4.3
08	* 34			*10.0	*14.0	* 45			* 5.0	* 8.5	* 37			* 6.3	* 8.5	* 31			* 2.5	* 3.5
09	* 24			* 9.5	*12.5	* 40			* 7.0	*11.0	* 33			* 6.0	* 8.0	* 31			* 2.5	* 4.0
10	* 25					* 45			*10.5	*17.0	* 28			* 6.5	* 9.5	* 31				
11	* 25					* 35			* 7.0	* 9.5	* 28			* 4.5	* 7.0	* 31			* 3.0	* 4.0
12	* 29			* 7.5	* 9.5	* 37			* 9.5	*16.0	* 37			* 3.5	* 5.5	* 31			* 9.0	*12.0
13	* 38					* 43			* 5.0	* 9.5	* 40			* 4.5	* 7.5	* 31			* 5.0	* 6.0
14	* 43			* 8.5	*13.0	* 50			* 7.3	*11.3	* 44			* 5.5	* 8.5	* 31			* 4.5	* 6.5
15	* 43			* 7.8	*13.0	* 51			* 5.8	* 9.3	* 46			* 4.0	* 6.3	* 38			* 7.8	*10.5
16	* 49			* 8.8	*12.8	53	14.0	6.0	* 6.0	* 9.8	54	6.0	10.3	* 4.8	* 7.8	* 38			* 3.3	* 7.0
17	* 51			*10.0	*16.3	57	10.0	4.6	* 6.3	*10.5	50	6.6	4.6	* 4.0	* 7.0	35	8.4	4.0	* 5.5	* 8.0
18	* 58			* 5.5	* 9.5	65	4.8	6.3	* 3.8	* 6.5	* 58			* 3.0	* 6.0	33	8.4	6.6	* 2.5	*10.8
19	59	6.8	6.6	* 5.5	* 9.0	65	6.2	8.0	* 4.3	* 7.0	* 62			* 4.8	* 8.8	31	4.0	4.6	* 3.5	* 5.0
20	59	4.3	0.6	* 4.5	* 7.5	63	8.8	6.3	* 3.8	* 6.3	* 62			* 4.0	* 8.5	31	6.6	4.8	* 2.3	* 4.3
21	57	8.0	0.0	* 5.0	* 8.8	65	6.8	8.8	* 4.5	* 6.5	52	7.3	6.6	* 4.0	* 6.5	31	4.6	3.1	* 1.5	* 3.5
22	59	6.3	3.3	* 5.0	* 8.0	61	19.1	6.6	* 2.0	* 3.5	53	7.6	3.3	* 5.8	* 8.5	31	6.0	3.1	* 3.0	* 4.5
23	57	8.0	3.6	* 5.8	* 9.5	59	12.2	4.3	* 4.0	* 7.5	50	4.0	2.6	* 5.0	* 8.3	31	4.8	4.8	3.0	5.0

 * Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

 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 SINGAPORE, MALAYA

LAT. 1.3 N

LONG. 103.8 E

APRIL 1965

TIME M.H.	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	163	5.5	4.0	9.0	14.0	141	8.1	2.0	* 8.8	*13.0	124	5.5	5.5	9.0	15.5	93	11.0	3.5	6.5	11.5
01	163	4.0	3.5	10.5	15.3	143	3.7	4.0	10.0	14.5	124	4.1	4.0	8.8	12.5	95	13.7	5.5	7.0	13.0
02	163	5.5	3.5	11.0	17.0	143	3.7	2.1	10.3	15.3	124	5.5	4.0	8.5	13.5	95	11.0	4.0	* 8.5	*15.0
03	163	5.5	2.0	10.5	16.0	143	4.1	4.0	10.5	16.0	124	6.0	4.0	10.0	17.0	96	11.5	5.0	8.5	13.5
04	164	3.1	4.6	11.5	16.5	143	4.2	4.0	11.0	16.0	124	6.0	4.1	10.3	15.5	95	10.1	5.7	* 9.5	*16.8
05	164	3.1	3.1	12.5	18.8	141	6.0	5.9	12.5	19.0	122	7.7	5.9	11.5	19.5	91	10.0	8.1	*13.3	*21.5
06	162	4.6	3.0	12.0	18.0	139	6.7	9.4	14.0	21.0	113	17.1	11.3	*14.5	*22.0	85	18.2	14.6	*10.5	*19.5
07	161	5.7	2.1	13.3	20.0	135	12.0	8.0	15.0	23.5	112	18.0	10.0	15.0	23.0	87	16.8	14.3	*15.8	*27.5
08	163	3.0	0.0	*14.0	*21.0	136	11.9	7.9	*15.3	*22.8	108	18.4	6.0	*14.3	*23.8	82	25.3	10.9	*12.0	*22.0
09	161	2.8	2.0	*14.5	*21.0	*134			*14.3	*22.8	*106			*15.8	*25.8	* 81				
10	*161			*15.5	*22.0	*133			*17.3	*26.0	*111			*12.5	*21.5	87	12.3	16.0		
11	162	4.3	0.0	*13.8	*20.8	139	8.0	10.2	*16.0	*23.5	120	12.0	15.3	16.0	26.0	95	14.7	17.4	*14.3	*26.0
12	163	6.0	0.0	14.3	21.5	143	8.7	9.4	*14.5	*22.0	124	10.7	10.7	16.0	25.0	101	18.0	16.0	*12.5	*24.5
13	167	6.3	0.0	13.0	19.5	147	12.0	10.0	13.0	22.5	132	8.4	16.2	15.0	24.5	105	14.3	14.6	*13.5	*23.0
14	167	11.2	3.6	12.0	17.5	151	8.3	10.0	12.0	19.3	131	10.9	13.0	12.0	21.5	103	18.1	14.1	13.0	23.5
15	169	4.0	3.5	10.0	16.0	147	8.0	8.0	12.5	19.5	126	10.0	8.0	12.5	20.0	103	10.0	12.1	*13.0	*22.3
16	167	5.7	2.1	9.0	14.5	147	3.5	7.5	11.0	18.0	126	4.1	9.3	*11.0	*19.0	97	12.1	6.0	*10.0	*19.0
17	167	5.5	4.0	9.5	14.0	143	8.0	4.0	10.3	17.0	122	8.0	9.5	11.0	19.0	95	12.7	6.0	9.5	17.0
18	165	4.0	4.0	9.5	14.5	141	7.6	3.6	10.3	17.0	124	5.5	6.0	7.0	12.0	97	9.2	6.0	* 7.0	*11.0
19	163	5.5	4.0	10.5	15.0	143	5.6	4.0	*10.0	*15.5	126	2.0	6.0	8.0	13.8	97	8.7	5.5	6.5	10.5
20	163	4.0	4.0	9.0	13.3	143	4.0	4.0	9.5	14.5	124	4.0	4.0	8.0	13.3	95	9.7	4.0	7.0	12.0
21	163	4.0	4.0	9.5	14.5	141	6.1	1.7	*11.0	*16.3	124	4.0	4.0	8.5	14.0	95	9.2	3.5	* 6.0	*10.5
22	163	4.0	3.5	9.3	14.3	143	4.0	2.3	10.0	15.0	124	4.0	4.0	8.5	13.5	95	6.7	4.0	6.0	12.5
23	161	6.0	2.0	9.0	13.0	141	6.0	2.0	9.5	14.0	124	2.0	5.5	8.5	15.0	95	9.7	5.5	* 7.5	*13.0

TIME M.H.	FREQUENCY (Mc)																			
	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	67	2.7	0.0	5.8	9.0	62	5.5	6.0	4.0	7.0	44	4.6	3.6	5.5	7.5	32			* 2.0	* 3.0
01	68	4.1	0.8	6.0	10.5	62	4.0	6.0	4.5	7.5	44	3.0	6.0	* 4.5	* 6.5	32	2.0	7.6	* 2.0	* 3.5
02	69	5.8	5.5	6.5	11.0	62	4.7	8.0	4.5	7.0	40	7.5	8.0	* 5.0	* 7.5	32			* 2.5	* 3.5
03	70	6.7	5.2	7.5	12.0	60	7.0	8.0	5.5	8.3	36	7.5	6.0	5.5	8.0	32	2.2	7.8	* 2.5	* 4.0
04	69	8.2	5.7	7.0	11.0	56	7.5	4.2	5.0	7.5	34	8.0	6.0	4.0	5.0	32	1.8	8.0	* 2.0	* 3.5
05	69	6.1	4.8	7.3	12.0	56	6.0	7.5	6.0	8.0	36	6.9	4.2	* 4.3	* 6.0	32	2.1	6.8	* 2.5	* 3.5
06	62	8.0	5.1	9.5	14.5	58	4.8	4.0	6.0	8.0	42	7.5	5.5	* 5.8	* 8.5	32	1.7	5.7	* 3.8	* 6.0
07	55	13.8	9.6	*11.5	*18.3	52	4.8	10.1	* 7.3	*11.3	40	5.0	5.9	7.5	11.0	32	2.1	5.1	* 3.5	* 5.0
08	45	18.8	0.9	*10.8	*15.0	46	7.0	8.3	8.0	13.3	38	4.3	5.3	9.0	13.5	32			* 3.3	* 4.8
09	38	17.4	6.9	* 6.8	* 9.5	* 42					* 34			* 9.0	*13.3	* 32			* 3.5	* 5.0
10	* 38		* 7.5	*11.5	* 38				* 7.0	*11.0	* 36			* 9.0	*14.0	32	1.6	9.5		
11	41	8.4	0.3	*12.5	*19.0	39	14.8	7.6			34	10.0	4.5	* 9.0	*15.0	32	8.3	7.1	* 4.5	* 6.5
12	50	27.6	15.5	* 9.0	*12.0	48	13.5	14.4	* 8.3	*11.5	40	10.0	10.0	7.5	13.0	33	12.9	4.3	* 6.5	*10.8
13	61	23.7	21.5	* 9.0	*14.0	56	17.3	17.4	*10.5	*19.0	46	14.8	12.1	* 9.0	*15.0	34	10.4	7.9	8.5	12.8
14	65	22.8	19.8	*10.8	*17.3	58	14.1	14.9	*10.0	*16.0	46	9.9	6.1	* 7.0	*10.8	34	11.7	5.7	* 7.0	* 9.5
15	63	17.0	16.1	* 9.5	*15.5	54	12.5	7.7	* 7.3	* 9.8	44	6.5	3.5	5.5	8.5	35	6.7	5.0	* 3.3	* 5.8
16	58	10.9	9.7	9.5	14.0	54	5.3	8.0	5.0	7.5	46	4.0	6.6	3.8	6.5	36	8.0	4.0	4.0	6.5
17	61	12.2	7.7	* 7.5	*12.0	58	6.0	8.0	* 3.5	* 6.0	48	2.6	5.3	4.0	7.0	34	8.6	2.6	* 4.5	* 7.5
18	65	4.7	7.7	* 5.8	* 9.5	66	2.0	9.5	* 3.0	* 5.0	48	2.5	6.5	4.0	6.3	34	11.3	4.0	3.0	7.0
19	67	5.6	7.9	4.5	7.5	65	2.6	7.2	2.3	5.0	52	6.6	4.0	5.0	7.5	32	8.9	4.0	4.0	6.5
20	67	4.6	6.6	5.0	8.0	64	5.3	8.0	3.0	5.3	50	9.2	4.0	4.5	7.0	32	2.0	3.6	2.5	5.0
21	66	4.1	7.4	4.0	7.0	62	6.0	3.5	3.0	5.0	48	2.7	4.0	4.0	6.0	32	2.0	4.0	3.8	5.5
22	65	5.3	4.9	4.8	7.8	61	5.0	5.0	4.0	7.0	46	5.6	6.6	* 4.5	* 7.5	32	0.6	6.0	* 2.5	* 4.0
23	65	4.0	4.0	4.5	8.0	61	6.7	8.0	4.5	7.5	44	6.5	4.0	4.0	7.0	32	2.6	7.0	* 3.0	* 5.0

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

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 SINGAPORE, MALAYA

LAT. 1.3 N

LONG. 103.8 E

MAY

1965

T.M. H. R.R.	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	161	4.0	4.7	9.0	14.0	139	4.0	5.3	9.0	15.0	122	4.0	6.0	9.0	16.0	95	4.5	5.0	* 8.8	*15.8
01	161	4.3	8.0	9.5	15.5	139	4.3	8.3	8.5	14.0	122	4.0	6.0	8.5	15.0	95	6.0	6.0	* 8.0	*15.0
02	159	6.9	6.0	10.0	16.5	138	4.9	6.9	10.0	15.5	121	8.7	4.6	8.3	15.3	93	8.5	4.0	8.5	15.0
03	162	3.9	5.9	10.5	16.8	139	7.7	5.8	9.0	15.3	120	6.1	2.1	9.0	15.5	93	12.0	4.2	* 8.5	*15.5
04	162	3.2	6.9	10.3	16.3	139	4.0	4.9	9.5	16.0	120	11.6	7.2	9.5	17.5	93	7.1	4.3	* 7.0	*18.0
05	161	8.7	4.7	10.5	17.5	135	7.3	2.0	10.5	18.5	118	9.8	8.1	11.5	21.0	87	15.0	10.0	*11.5	*20.5
06	161	5.7	3.6	10.5	17.5	128	19.4	7.0	*12.3	*20.3	114	12.0	18.5	13.3	23.3	81	18.5	14.2	*12.5	*23.5
07	161	6.1	6.0	12.0	19.0	127	16.4	8.0	*13.0	*22.0	108	18.0	12.0	*13.8	*23.3	79	22.0	12.0	*13.5	*24.0
08	159	6.0	4.0	13.0	20.0	127	15.6	6.2	*12.0	*20.8	111	13.0	15.0	*12.0	*22.0	81	21.4	12.3	*15.0	*25.0
09	*159			13.5	22.8	*133			*12.5	*21.3	*108			*12.0	*22.5	* 83			*14.3	*25.3
10	*161			*14.5	*22.8	*133			*15.0	*24.0	*111			*14.5	*24.5	* 81			*16.0	*26.0
11	161	4.0	6.0	13.3	21.3	129	14.7	8.0	*14.0	*23.8	104	27.5	4.0	*13.0	*22.0	81	28.4	11.7	*14.0	*23.5
12	163	8.3	4.0	12.5	21.0	134	9.0	7.9	13.8	22.8	113	24.5	9.4	12.5	24.0	89	30.0	12.3	*14.5	*25.0
13	164	10.3	5.0	11.5	19.0	137	14.7	8.0	11.0	18.0	118	17.7	12.1	13.8	23.8	87	26.0	7.9	*13.5	*25.0
14	163	11.4	4.0	11.0	17.5	138	17.1	7.0	10.5	17.0	119	18.9	11.0	*12.5	*22.5	94	21.3	11.0	11.5	23.5
15	165	9.7	3.6	12.0	19.8	141	12.5	8.5	11.5	17.5	120	12.0	10.0	12.0	18.5	93	16.4	11.9	*11.8	*23.8
16	165	5.5	5.0	9.5	15.5	137	10.0	6.0	11.8	19.0	116	12.0	8.6	13.0	21.5	89	15.2	5.7	*11.5	*22.0
17	165	3.9	6.2	9.0	15.5	137	8.0	6.0	*14.0	*22.5	114	15.5	8.0	12.8	21.0	89	14.8	4.1	* 9.0	*18.0
18	163	4.1	5.7	8.5	14.0	135	8.0	3.9	*10.5	*18.5	118	9.5	4.0	8.5	16.0	93	10.1	4.0	6.0	11.0
19	161	5.4	4.0	10.0	14.5	137	8.0	4.0	9.3	16.5	120	7.3	4.0	8.0	14.5	95	7.0	6.5	7.0	14.0
20	159	6.0	4.0	11.0	17.0	137	4.9	8.9	* 9.0	*17.0	122	5.5	7.5	8.0	15.0	95	8.3	5.1	7.0	13.5
21	159	6.5	4.5	10.5	16.0	137	5.9	6.9	9.5	17.5	122	5.3	6.0	7.8	13.8	95	6.0	5.6	6.5	14.0
22	161	3.9	5.9	9.5	15.0	138	5.0	7.9	10.0	17.0	122	4.0	7.3	8.0	15.0	95	4.3	6.0	7.5	15.0
23	161	4.0	6.0	* 9.3	*14.0	137	4.7	6.0	9.5	15.0	122	4.0	6.0	8.5	16.0	93	3.7	6.6	* 7.0	*14.5

T.M. H. R.R.	FREQUENCY (Mc)																			
	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	69	4.0	4.0	7.5	12.5	57	5.1	2.0	2.5	5.8										
01	69	8.0	4.0	7.5	12.0	57	7.1	4.0	3.5	7.0										
02	71	5.1	4.0	7.5	12.3	57	5.5	5.1	3.5	7.5										
03	71	5.5	5.5	* 6.8	*11.8	55	7.1	7.1	4.8	7.8										
04	71	5.1	4.0	7.0	12.0	51	9.1	6.0	4.0	7.5										
05	70	7.0	5.0	8.5	14.0	53	6.0	8.0	* 6.5	*10.5										
06	67	9.1	6.5	*12.3	*20.3	58	5.0	4.1	* 3.0	* 6.3										
07	59	13.1	10.0	13.0	20.0	53	8.0	4.0	6.3	10.3										
08	50	15.4	9.0	*10.0	*16.5	47	10.2	4.4	9.0	14.0										
09	49	15.5	10.0	* 8.5	*13.0	45	7.5	8.0	*10.5	*16.0										
10	* 44					* 37			* 6.0	*10.5										
11	48	20.4	11.0	* 9.0	*15.0	39	9.4	3.2	6.0	8.3										
12	45	36.5	8.0	* 8.5	*13.0	42	18.9	9.0	* 9.5	*15.3										
13	53	34.6	12.0	*10.5	*17.5	47	21.7	6.1	* 7.3	*11.0										
14	61	24.3	18.1	*10.5	*17.5	49	19.4	6.5	7.0	13.5										
15	61	24.0	13.6	* 9.0	*17.5	52	15.0	4.3	* 9.5	*15.0										
16	62	14.2	8.8	10.5	17.5	55	6.5	4.0	5.3	9.0										
17	64	7.8	5.5	8.5	14.8	59	5.1	4.0	3.5	6.0										
18	71	4.0	6.0	6.5	11.8	63	2.0	5.3	2.5	4.5										
19	71	6.0	2.5	6.5	11.3	63	2.5	4.0	* 2.0	* 3.0										
20	71	5.1	4.0	6.5	11.0	63	4.0	4.0	2.5	4.5										
21	70	5.0	6.5	5.3	9.3	62	2.5	4.8	* 2.0	* 4.3										
22	71	2.0	6.5	6.0	9.0	60	4.5	4.8	3.0	5.0										
23	69	4.0	4.0	6.3	10.8	57	6.0	4.0	4.3	7.5										

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

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

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

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

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

MONTH-HOUR VALUES OF RADIO NOISE

STATION WARRENSBURG, MO.

LAT. 38.7 N

LONG. 93.8 W

MARCH

1965

H. R. M. T.	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	154	14.0	4.0	13.3	20.3	135	12.6	6.0	3.3	8.3	108	19.1	6.0	8.3	14.0	91	14.6	9.3	7.0	14.8
01	154	12.6	4.0	13.0	20.5	133	12.0	4.0	3.3	8.5	108	22.0	8.0	7.8	13.3	93	10.0	10.0	7.0	13.8
02	154	13.9	2.2	13.3	20.8	135	9.8	5.3	3.5	8.5	105	19.4	7.0	8.0	13.5	88	15.0	9.0	* 8.8	* 14.8
03	154	13.9	2.1	13.5	21.0	135	9.2	6.0	3.5	8.5	106	17.4	10.0	9.0	16.3	89	14.2	12.0	7.3	14.0
04	154	14.0	3.7	* 13.3	* 20.5	135	8.0	7.1	3.0	8.5	104	17.1	10.0	10.3	16.8	85	17.1	8.0	8.0	16.0
05	154	15.5	4.0	14.0	21.5	133	8.0	4.0	3.0	8.0	96	24.2	7.1	6.0	10.0	73	24.2	6.0	* 5.5	* 10.0
06	152	12.1	2.2	13.5	21.0	132	7.0	8.3	3.0	7.5	90	21.5	4.0	5.5	7.5	63	18.6	6.0	3.0	5.0
07	152	11.5	5.7	13.3	21.0	127	10.2	4.0	3.0	8.5	86	26.0	5.1	* 6.5	* 8.5	59	19.0	4.0	1.8	3.5
08	150	12.3	4.0	14.0	20.8	125	7.5	4.0	3.5	8.0	88	11.3	4.0	* 4.5	* 7.0	61	19.4	4.0	* 2.0	* 4.0
09	152	11.4	6.0	* 14.0	* 20.5	123	10.0	11.0	6.0	12.0	87	22.8	5.0	* 7.5	* 12.5	61	21.4	4.0	2.5	4.8
10	152	8.0	4.0	13.8	21.0	125	9.0	6.0	6.0	10.5	88	24.6	5.3	9.0	17.0	61	21.8	2.0	2.5	4.5
11	154	7.9	6.0	13.0	20.0	125	11.3	3.3	5.0	9.5	88	24.2	4.0	* 6.3	* 8.5	61	22.3	4.0	* 1.8	* 4.0
12	154	9.7	5.7	12.5	19.0	127	11.1	3.1	4.3	8.8	88	25.1	4.0	7.0	10.8	61	21.1	4.0	2.0	3.5
13	154	8.4	4.2	12.3	19.3	127	10.6	3.3	4.0	8.5	87	27.6	5.0	5.0	7.5	61	23.1	4.0	2.0	4.0
14	156	5.9	6.1	11.0	17.5	127	11.1	4.0	3.5	8.0	88	27.1	5.1	4.8	8.0	61	27.2	3.1	2.0	4.0
15	156	7.7	7.7	12.5	19.3	127	13.1	6.0	4.0	9.0	88	28.0	6.0	1.0	1.5	61	25.1	3.1	2.0	4.0
16	154	9.7	5.7	* 11.0	* 18.3	127	13.1	10.2	4.0	9.0	88	28.2	4.0	4.0	6.5	61	24.3	4.0	2.5	4.5
17	152	12.0	5.7	13.5	21.0	125	14.0	13.1	7.0	12.0	94	21.1	8.2	* 6.0	* 12.0	71	15.1	10.0	4.3	8.5
18	154	9.7	7.5	12.0	19.0	127	13.1	6.0	4.0	8.0	102	16.2	14.0	6.5	13.0	85	12.0	16.2	5.3	10.5
19	154	10.0	6.1	11.5	19.0	129	11.1	3.1	4.0	8.5	102	17.1	8.0	7.0	14.0	89	13.1	14.2	6.5	13.0
20	156	8.0	8.0	12.0	19.0	129	8.0	6.0	4.5	9.0	104	14.0	11.1	8.3	16.5	91	13.1	13.1	6.0	12.8
21	154	10.3	4.0	13.5	21.5	129	11.1	4.0	4.5	8.8	106	14.0	12.2	7.8	14.5	91	12.0	10.2	6.0	13.5
22	154	10.0	4.1	* 12.5	* 21.0	131	10.2	5.1	6.0	10.0	108	12.0	12.0	8.5	16.3	91	12.0	10.0	* 6.8	* 14.5
23	154	10.4	4.0	13.0	20.5	133	8.6	7.3	4.5	8.8	106	15.3	4.0	7.3	13.5	93	10.0	12.0	6.5	13.5

H. R. M. T.	FREQUENCY (Mc)																			
	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	64	14.6	5.3	5.8	13.3	56	6.0	4.2			37	11.3	4.0	3.0	5.0	24	6.0	0.0	1.5	3.3
01	64	12.0	6.0	6.0	10.5	56	4.2	2.2			35	12.0	3.3	2.5	4.5	24	5.0	0.0	* 1.8	* 5.8
02	64	10.0	6.0	7.0	13.0	56	7.9	2.2	* 6.0	* 12.0	35	9.5	3.5	2.5	4.5	24	2.0	0.0	* 2.8	* 6.0
03	64	12.6	6.0	7.0	12.0	56	4.1	2.2	* 5.0	* 10.8	35	6.0	4.0	3.0	5.0	24	2.0	0.0	1.8	3.5
04	64	12.6	6.0	* 6.0	* 10.0	56	4.0	4.0	* 3.5	* 7.8	35	5.5	4.0	2.0	4.0	24	2.0	0.0	* 1.0	* 3.0
05	62	15.5	5.5	6.5	11.8	56	2.3	4.3	* 5.0	* 9.5	37	7.5	5.5	* 2.5	* 5.0	24	3.3	0.0	* 1.0	* 2.5
06	54	19.0	4.0	3.0	6.0	52	2.3	4.3	* 5.0	* 9.0	47	4.0	4.1	* 2.5	* 5.0	24	2.0	0.0	* 1.5	* 3.0
07	48	12.6	6.0	3.0	5.0	44	4.3	2.0	* 2.0	* 9.5	49	4.1	5.6	3.5	7.0	24	4.0	0.0	* 1.0	* 2.8
08	46	7.7	5.6	1.5	3.5	* 4.2			* 3.0	* 6.5	46	7.6	5.6	* 3.0	* 5.0	26	5.6	2.0	* 2.0	* 4.0
09	46	6.0	8.6	* 1.5	* 3.5	* 4.2			* 1.5	* 3.5	41	8.0	4.0	* 3.5	* 6.0	26	4.0	2.0	1.0	3.0
10	48	8.2	9.7	2.0	4.0	46	6.3	8.6	* 2.3	* 4.8	43	9.5	6.0	2.0	5.0	26	7.5	2.0	2.5	5.5
11	48	8.0	5.5	1.5	4.0	46	6.0	8.3	* 2.0	* 3.8	41	12.0	5.3	* 2.0	* 4.5	28	5.3	4.0	2.0	4.0
12	50	7.3	7.3	2.0	4.0	44	9.9	3.7	2.0	4.0	43	9.3	7.3	3.0	6.0	28	4.0	4.0	2.0	4.0
13	48	9.6	3.7	2.0	4.0	46	4.1	7.5	1.5	4.0	43	10.0	6.0	3.0	6.0	28	5.3	4.0	2.0	4.5
14	50	4.0	6.0	2.0	4.0	46	6.0	4.3	* 2.0	* 4.0	45	6.0	7.3	3.0	6.0	29	6.3	5.0	2.3	5.3
15	50	4.0	8.0	2.3	5.0	46	6.0	6.1	* 2.8	* 6.5	48	4.3	5.0	* 3.5	* 8.0	30	2.0	6.0	1.5	3.5
16	50	7.3	7.3	1.5	4.0	46	6.4	4.1	* 2.5	* 5.5	47	5.3	4.0	* 4.5	* 8.0	28	3.3	4.0	2.5	4.8
17	52	7.3	8.0	* 2.0	* 4.3	50	4.8	2.1	* 4.3	* 7.5	49	6.0	6.0	* 3.5	* 6.5	26	4.0	2.0	1.5	3.5
18	58	11.3	7.3	4.0	7.5	56	5.0	4.0	* 4.5	* 8.0	49	6.0	6.0	* 2.0	* 3.8	24	5.3	2.0	1.5	3.0
19	61	15.0	7.0	* 5.0	* 10.0	56	7.0	2.1	* 6.0	* 10.5	49	4.0	9.3	5.0	8.0	24	6.6	2.0	1.0	3.0
20	62	14.0	6.0	* 4.5	* 9.3	56	7.3	2.1	* 3.0	* 6.5	41	10.0	4.0	* 3.8	* 7.3	24	4.6	2.0	1.0	2.5
21	62	13.3	5.3	* 4.5	* 9.8	56	7.1	4.1	* 5.0	* 9.0	41	7.3	7.3	3.5	6.5	24	5.3	2.0	1.0	2.8
22	64	10.6	8.0	5.0	10.5	56	7.1	4.1	* 6.0	* 11.5	39	6.6	7.3	* 3.3	* 5.8	24	4.6	1.3	1.0	2.5
23	64	13.1	6.0	6.0	12.0	56	5.0	2.1	* 7.0	* 12.5	38	7.6	5.0	2.0	4.0	24	7.8	0.0	1.0	2.5

 * Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

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

 D_u = ratio of upper decile to median in db.

 D_l = ratio of median to lower decile in db.

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

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

MONTH-HOUR VALUES OF RADIO NOISE

STATION WARRENSBURG, MO.

LAT. 38.7 N

LONG. 93.8 W

APRIL 1965

TIME	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}
00	164	9.0	11.0	12.8	19.3	141	11.0	7.5	5.0	9.3	121	12.3	14.3	10.3	17.8	104	18.0	12.3	9.3	16.3
01	163	10.6	10.0	11.8	18.8	142	11.4	8.0	5.8	9.5	121	16.3	14.3	9.0	17.0	102	16.6	12.0	* 9.0	*16.5
02	163	10.3	8.3	12.5	20.0	144	10.0	10.5	* 6.0	*10.0	121	15.4	16.0	*10.3	*18.0	102	12.8	8.3	6.5	13.0
03	163	12.0	8.0	12.5	20.0	144	8.0	10.3	6.3	11.0	121	12.3	12.6	9.0	18.0	102	10.3	10.8	8.0	16.5
04	163	8.0	8.6	14.3	22.3	142	8.3	10.3	4.0	8.5	119	12.0	14.8	9.5	20.0	98	14.0	18.3	9.0	19.5
05	161	10.0	8.0	*13.3	*21.0	138	12.0	6.3	8.5	13.0	113	18.0	20.8	12.3	22.8	86	20.6	22.6	11.0	19.5
06	159	10.0	8.0	13.0	21.0	134	14.3	8.0	7.3	12.3	109	20.3	23.7	*11.5	*23.3	78	30.3	18.3	5.5	9.5
07	159	12.0	10.3	13.0	20.0	134	16.3	10.0	* 7.3	*12.0	107	24.3	23.4	*14.0	*27.0	68	42.3	10.0	* 7.0	*14.8
08	159	12.3	10.3	*16.0	*24.0	133	20.3	16.3	* 3.3	* 8.0	107	23.3	27.7	*11.0	*16.5	67	42.7	8.6	* 3.0	* 5.8
09	159	11.0	11.5	12.5	19.5	130	20.2	9.1	* 6.0	*11.0	95	38.2	18.2	* 7.0	*13.5	66	43.2	6.0	* 4.0	* 7.5
10	159	12.2	10.0	*11.0	*18.5	132	17.8	8.0	4.5	9.5	103	28.7	22.7	* 2.5	* 4.0	67	38.0	7.5	* 2.5	* 5.0
11	159	8.0	10.0	*11.0	*17.5	132	14.0	6.7	* 5.0	* 9.0	100	26.8	15.6	*10.3	*16.3	68	34.0	8.7	* 2.5	* 4.3
12	159	5.4	8.0	10.8	17.0	132	12.0	5.4	5.0	9.5	99	24.9	19.8	* 4.8	* 8.0	71	28.5	9.9	* 2.8	* 4.5
13	159	6.9	6.0	12.0	19.0	133	11.0	5.9	* 4.5	* 8.8	108	17.5	27.0	*11.0	*20.3	82	17.4	22.0	* 8.5	*14.0
14	159	6.3	6.0	11.8	18.8	136	6.6	10.0	* 3.5	* 7.5	115	12.6	24.6	11.8	19.5	84	26.3	22.3	2.5	4.5
15	161	8.0	6.3	*11.0	*17.5	138	9.1	12.0	7.0	11.0	115	16.3	28.0	* 7.0	*10.5	84	30.0	22.3	* 5.8	*11.0
16	161	8.6	6.3	12.5	19.0	138	11.0	12.0	6.0	8.8	115	15.9	30.5	8.8	16.3	85	25.9	23.5	2.5	6.5
17	161	10.3	6.3	*12.0	*18.5	139	10.4	14.0	* 5.8	*10.3	117	14.6	24.8	* 7.0	*12.3	86	25.4	20.5	7.5	16.0
18	161	10.3	8.0	13.0	20.0	140	16.0	16.3	10.8	18.0	117	18.3	14.6	9.0	17.0	94	22.0	14.3	* 6.5	*13.5
19	161	16.0	6.0	13.5	20.0	140	18.0	8.3	7.5	12.0	119	14.8	8.6	* 9.0	*15.5	100	16.3	10.3	* 5.5	*12.3
20	163	6.8	6.3	*12.5	*20.0	142	8.6	10.3	8.5	14.3	121	12.6	12.3	7.8	15.5	102	12.0	8.3	7.8	14.3
21	163	8.0	8.0	12.0	19.5	142	8.3	10.6	* 7.3	*12.0	121	10.3	12.3	8.5	15.5	104	8.0	12.0	* 5.8	*11.3
22	165	6.3	12.3	*12.5	*19.0	142	9.0	10.5	7.0	11.5	122	10.0	15.0	* 7.8	*14.5	104	8.5	12.0	7.0	14.0
23	165	7.0	12.5	*12.8	*19.8	142	10.7	6.7	5.0	8.8	119	14.0	14.0	9.0	17.0	104	8.7	12.0	7.0	12.5

TIME	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}
00	78	4.3	11.3	4.5	10.0	68	6.0	8.4	* 5.3	* 9.8	48	7.5	4.0	4.0	6.0	26	11.9	0.0	1.3	3.0
01	78	12.0	11.4	5.0	10.0	70	11.4	9.9	4.8	9.8	48	15.4	5.5	3.0	6.0	26	13.4	0.0	1.5	2.8
02	77	6.9	10.7	5.0	9.5	68	6.1	4.1	* 5.5	*10.0	46	11.5	3.5	* 2.8	* 5.0	26	10.0	0.0	1.5	3.0
03	78	7.4	11.2	5.0	9.5	67	5.3	6.2	5.3	9.3	48	8.2	6.0	2.5	4.5	26	6.9	2.0	1.5	3.0
04	76	6.1	9.7	4.3	9.0	68	4.0	5.8	5.0	9.3	46	9.4	2.1	2.5	4.5	26	8.4	2.0	2.0	3.5
05	72	9.6	13.4	5.0	10.0	65	5.1	5.0	5.5	9.3	52	9.7	6.0	* 4.5	* 7.0	26	5.4	2.0	1.5	3.0
06	62	14.6	10.0	5.3	10.5	64	5.7	10.1	5.0	10.0	60	3.7	4.0	* 3.8	* 7.0	26	6.9	2.0	1.8	2.8
07	54	23.2	6.1	4.0	7.5	58	13.3	10.0	6.0	11.3	57	8.7	5.1	* 4.8	* 8.8	26	6.2	2.0	2.0	3.5
08	50	22.8	2.1	2.5	5.0	* 54			4.5	7.5	* 52			* 5.3	* 9.5	* 26			* 1.5	* 3.0
09	52	31.9	5.9	3.5	7.3	50	23.5	4.0	* 3.5	* 6.8	52	10.2	6.0	* 4.0	* 7.0	26	8.6	2.0	2.3	4.5
10	50	26.9	3.9	* 2.8	* 5.8	50	21.5	2.1	* 2.5	* 4.5	52	6.0	6.0	* 3.5	* 6.0	26	9.5	2.0	2.0	4.0
11	52	21.5	6.1	2.0	4.5	51	15.1	3.1	2.0	4.3	52	6.6	3.7	3.0	5.5	26	8.4	1.6	2.0	3.0
12	52	14.7	5.6	2.0	4.0	52	10.0	4.1	3.0	5.0	52	5.4	4.0	3.0	6.0	28	5.4	4.0	1.5	3.5
13	54	13.9	9.6	2.3	5.3	52	13.5	5.5	2.5	4.5	52	4.0	4.0	* 3.0	* 6.0	29	3.0	3.0	2.3	4.0
14	52	13.7	5.3	2.5	5.3	52	11.3	3.3	3.0	6.5	54	3.3	5.3	* 4.0	* 8.0	29	6.3	3.0	2.5	4.8
15	53	21.6	3.0	2.3	4.5	57	11.6	5.0	4.0	6.5	56	8.0	6.6	* 4.0	* 7.3	30	6.6	4.0	2.0	4.0
16	56	23.7	5.3	* 2.0	* 4.5	62	7.0	9.5	3.5	7.0	56	9.5	4.0	3.5	7.0	30	2.0	4.0	2.0	4.0
17	60	12.0	7.5	4.0	7.5	66	8.6	10.0	* 3.0	* 7.0	58	6.0	4.0	* 3.0	* 7.0	30	2.0	4.0	1.8	3.8
18	70	9.9	15.5	* 3.0	* 6.0	69	6.3	8.3	4.0	7.5	60	9.3	2.0	* 4.0	* 7.0	28	15.7	2.0	2.0	4.0
19	76	7.5	9.5	* 5.0	* 9.5	72	9.8	8.0	4.0	7.5	60	7.3	4.0	* 4.0	* 7.0	26	13.1	2.0	2.0	3.3
20	78	5.5	11.5	3.0	7.5	72	6.0	7.3	4.0	7.0	57	5.0	5.0	* 4.5	* 7.0	26	6.0	2.0	1.8	3.3
21	78	5.5	10.0	3.5	7.0	70	4.0	6.0	4.0	8.5	50	6.0	3.5	* 4.3	* 7.0	26	2.0	2.0	1.5	3.0
22	78	4.1	10.1	* 3.8	* 8.3	68	7.5	5.5	4.0	8.0	52	7.0	7.0	* 3.5	* 6.0	26	5.0	2.0	2.0	4.0
23	78	4.1	10.2	4.0	8.5	69	5.0	5.3	5.0	9.8	50	14.8	4.1	3.3	5.8	26	4.1	2.0	1.5	3.0

 * Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

 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 WARRENSBURG, MO.

LAT. 38.7 N

LONG. 93.8 W

MAY

1965

H. R. L. S. T.	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	167	6.0	6.0	11.3	19.0	144	6.0	7.1	3.5	7.5	119	11.1	7.1	6.5	11.5	102	8.0	10.0	4.8	10.5
01	165	7.1	8.2	11.5	19.0	144	6.0	8.2	5.0	8.5	121	10.0	10.2	6.0	13.0	102	5.1	9.1	5.5	12.0
02	165	6.0	8.2	11.0	19.0	144	6.0	7.2	4.5	8.0	123	8.2	14.2	7.0	13.5	102	7.2	9.1	6.0	12.5
03	165	7.1	8.2	11.0	18.5	144	7.1	7.1	4.0	7.5	121	11.1	15.4	6.0	11.8	100	12.3	12.2	6.0	11.0
04	165	8.2	10.2	10.5	18.0	144	9.1	8.0	4.0	8.0	117	16.6	15.1	10.0	19.3	89	26.8	10.3	*11.8	*19.3
05	164	10.1	7.0	12.0	21.0	139	16.8	7.0	5.5	9.5	117	18.6	24.6	8.0	15.0	82	33.3	23.3	6.0	8.5
06	163	11.1	6.0	14.0	21.0	137	16.8	8.3	5.5	9.5	115	18.6	31.0	7.0	13.8	80	31.8	20.0	* 7.3	*14.5
07	163	8.6	6.0	13.5	21.0	137	11.0	9.0	7.0	11.5	115	16.0	18.6	7.3	12.5	80	28.0	20.0	6.0	12.5
08	163	7.6	6.1	13.0	21.0	136	14.0	9.0	8.0	12.5	113	18.9	27.0	8.3	13.0	82	24.1	22.2	3.5	8.0
09	162	7.0	7.0	13.5	21.0	136	12.0	8.3	4.5	8.5	115	14.0	26.0	* 5.0	* 9.0	80	20.2	20.1	* 5.0	* 9.5
10	163	6.0	7.7	13.0	20.0	136	9.7	7.9	8.0	12.5	115	15.3	19.3	10.0	19.0	79	27.0	18.3	4.0	7.0
11	164	5.0	8.3	13.0	19.8	137	12.3	9.6	6.8	10.5	115	14.0	21.3	7.0	12.5	77	29.6	16.3	4.5	7.0
12	166	5.0	9.1	11.5	18.8	140	8.0	11.5	8.0	13.0	117	12.0	21.5	9.5	18.5	88	17.5	26.0	6.5	11.5
13	167	5.1	8.0	11.3	18.5	140	9.1	10.0	6.5	10.5	117	12.0	18.2	7.0	12.8	86	19.1	23.1	8.0	14.5
14	167	6.0	6.2	10.3	16.5	140	11.1	9.1	4.5	7.5	121	12.0	19.1	7.0	13.0	94	17.1	29.2	6.5	11.8
15	169	6.0	7.1	9.0	15.5	142	11.1	10.0	7.0	11.0	121	13.2	15.2	7.0	14.0	96	16.2	26.2	* 7.5	*16.5
16	167	7.1	4.2	8.5	14.3	142	10.2	10.0	6.8	11.5	123	12.0	15.1	6.0	11.5	98	18.0	27.1	5.5	11.0
17	167	6.2	5.1	8.0	13.5	144	9.1	10.0	6.3	10.5	125	9.1	16.0	6.5	12.0	96	19.1	25.1	7.0	12.5
18	167	5.1	5.1	9.3	15.8	142	10.2	8.2	6.0	10.0	125	9.1	15.1	7.0	12.0	96	15.1	24.2	5.0	10.0
19	165	7.1	4.2	8.5	14.0	142	10.0	8.0	5.0	8.5	123	11.1	11.1	6.0	11.3	98	11.1	12.2	4.5	9.0
20	167	7.1	5.1	8.5	14.5	144	6.6	7.3	5.8	10.0	123	12.0	8.0	5.5	10.8	100	12.0	9.1	5.0	11.0
21	169	5.1	7.1	9.5	16.0	146	7.3	8.0	5.0	8.5	123	10.0	7.1	6.0	10.0	100	11.1	6.0	5.5	12.5
22	169	4.0	9.1	9.0	15.0	145	6.3	7.0	4.0	8.0	123	8.0	8.0	6.0	10.5	102	7.1	6.0	4.5	8.5
23	167	5.1	6.0	9.0	15.8	146	3.1	10.0	5.0	9.0	121	10.0	7.1	6.8	12.3	102	8.0	8.0	5.0	9.8

H. R. L. S. T.	FREQUENCY (Mc)																			
	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	75	6.1	9.7	4.5	9.5	83	3.7	8.0	4.5	9.3	46	6.1	5.7	3.5	7.0	25	2.1	0.1	1.0	2.5
01	77	4.1	10.1	4.0	9.0	81	5.7	6.0	4.5	8.5	45	9.0	5.9	3.5	6.0	25	3.9	1.7	1.0	3.0
02	77	3.7	9.7	4.5	9.3	81	2.1	6.1	5.0	9.8	43	10.9	6.9	* 4.3	* 8.0	25	6.1	2.0	1.0	3.0
03	75	5.7	8.1	4.0	8.5	79	4.0	5.7	4.8	9.3	42	13.9	4.1	5.0	9.0	25	11.2	1.7	1.5	3.0
04	75	5.9	8.3	5.0	10.8	77	7.7	2.1	5.0	9.5	42	15.6	4.3	5.0	9.5	25	15.4	2.0	1.5	3.0
05	65	14.0	6.1	6.0	13.0	75	9.9	5.9	5.5	11.0	49	13.7	7.0	5.0	9.0	25	15.0	2.0	1.5	3.0
06	57	22.9	10.0	7.0	13.5	75	8.9	10.1	7.3	13.5	50	10.3	6.0	5.0	9.0	25	11.5	2.0	2.0	3.5
07	53	19.5	9.9	* 7.0	*13.5	71	6.2	12.0	6.0	12.0	46	9.8	2.9	* 4.3	* 8.5	25	7.7	2.0	2.0	4.0
08	47	20.3	8.3	* 6.5	*11.0	67	8.0	7.1	* 7.0	*12.0	46	7.8	8.6	* 4.5	* 9.5	25	4.5	2.0	2.5	4.8
09	45	19.1	9.1	* 5.8	*10.0	62	7.9	7.9	* 6.8	*11.8	42	8.3	7.8	* 6.0	*11.0	25	4.5	2.0	2.0	3.5
10	45	14.8	8.4	* 2.5	* 4.5	61	6.3	4.0	5.0	9.0	43	7.3	7.2	4.5	8.5	25	4.1	2.0	2.8	4.8
11	47	17.7	10.0	2.5	5.0	61	9.4	5.6	3.5	7.0	44	7.6	7.8	4.5	8.5	25	5.5	2.0	2.3	4.3
12	47	13.6	9.7	* 5.5	* 8.5	63	6.2	6.1	4.0	8.0	44	5.1	6.3	5.0	8.8	26	3.1	3.0	1.5	4.0
13	49	13.0	9.5	3.8	8.0	61	11.5	2.0	3.0	6.0	46	4.0	5.5	4.0	8.0	25	6.0	2.0	2.0	4.5
14	51	14.0	11.5	3.5	7.3	65	8.0	6.0	3.5	7.0	48	4.0	3.7	4.0	7.5	25	9.0	2.0	2.0	4.5
15	53	17.0	13.0	2.5	6.0	67	8.0	6.0	4.0	7.5	50	6.0	4.0	* 3.0	* 7.0	27	7.5	3.5	2.0	4.5
16	53	15.0	10.0	3.0	6.3	73	6.0	8.0	3.5	7.5	53	6.0	6.2	* 2.8	* 6.5	29	11.0	5.5	1.5	4.0
17	57	21.5	11.5	4.0	8.0	75	9.5	6.0	3.8	8.0	54	3.5	7.5	3.5	7.0	29	5.5	4.0	2.5	5.3
18	61	15.5	10.0	3.5	8.0	79	7.9	5.9	3.0	6.5	56	2.0	5.5	4.0	8.0	27	8.0	2.0	2.0	4.0
19	69	10.0	7.5	3.0	7.0	83	6.0	4.0	3.0	7.0	56	4.0	4.0	* 5.0	* 9.0	27	7.3	2.0	2.3	4.0
20	77	4.1	10.0	3.5	7.0	87	2.0	6.1	3.0	6.5	56	5.9	5.6	4.5	8.5	25	6.3	2.0	2.0	4.0
21	79	4.0	11.6	3.0	7.5	87	2.0	7.7	3.0	7.0	52	6.8	6.1	4.5	9.0	25	2.4	2.0	1.5	3.0
22	79	4.1	11.6	3.0	7.3	85	4.0	8.0	4.0	8.0	49	10.3	8.6	5.0	9.0	25	2.1	1.6	1.0	2.5
23	78	5.1	11.1	3.8	8.0	84	4.6	6.6	4.0	7.5	46	10.1	6.1	5.0	9.0	25	2.1	0.0	1.0	2.5

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

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

BALROA, CANAL ZONE LAT. 9.0 N LONG. 79.5 W SPRING (MAR., APR., MAY) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	F _{am}	D _u	D _l	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	8.4	5.0	11.0	16.0	156	7.0	5.0	11.5	16.0	157	4.0	6.0	12.0	16.3
.051	136	6.0	8.0	9.0	13.5	131	10.0	9.4	10.0	14.5	128	8.0	13.0	11.3	17.0
.160	117	6.0	7.0	7.0	11.5	113	8.0	14.0	9.0	15.0	103	13.7	16.7	12.0	18.0
.495	96	7.0	6.0	6.0	10.0	92	8.0	18.0	8.0	13.0	76	21.0	6.0	7.8	12.5
2.5	70	4.0	8.0	4.5	8.5	66	8.0	20.0	6.0	10.5	38	16.0	9.6	5.0	7.0
5	62	3.2	5.0	4.0	7.5	59	8.0	8.0	4.5	8.0	39	11.1	7.9	5.5	8.0
10	40	7.9	7.0	3.5	5.5	39	11.0	9.0	3.0	5.0	34	7.6	6.0	4.0	6.5
20	25	14.0	4.0	1.5	2.5	25	14.0	3.0	1.5	2.5	25	14.0	4.0	2.5	3.5

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
.013	159	6.0	4.1	10.5	15.0	159	5.5	5.7	9.5	14.0	156	7.0	4.0	10.5	14.5
.051	132	10.0	9.9	10.5	15.5	133	8.0	8.3	9.0	13.0	135	5.0	9.4	8.5	13.0
.160	107	16.0	12.0	10.5	16.0	111	12.0	9.0	9.5	14.5	116	7.0	6.0	7.0	12.0
.495	82	24.0	11.3	9.5	14.0	92	13.1	12.0	7.5	11.5	96	7.4	6.0	5.5	9.5
2.5	36	22.0	6.5	4.8	6.8	58	10.0	18.0	5.5	9.3	68	4.0	8.0	4.5	8.5
5	39	10.1	5.0	3.5	4.8	58	9.0	13.0	4.5	7.0	64	5.0	6.3	3.5	6.5
10	37	7.0	7.0	5.5	8.0	48	6.0	8.0	3.5	6.0	43	8.5	7.5	3.5	6.0
20	27	15.5	4.0	3.5	5.0	29	16.0	7.0	3.5	5.0	24	15.0	2.0	2.0	3.0

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

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

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

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

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

BILL, WYOMING LAT. 43.2 N LONG. 105.2 W SPRING (MAR., APR., MAY) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
.013	158	7.0	8.0	10.5	17.0	154	8.0	6.0	11.5	17.5	154	9.0	8.0	11.5	17.5
.051	134	8.0	6.0	4.5	8.5	130	6.0	10.0	4.0	8.0	124	12.0	6.2	5.5	8.5
.160	111	10.0	15.0	7.3	13.0	92	19.8	19.0	9.5	16.0	87	24.0	22.0	9.0	16.5
.495	90	12.0	12.0	6.0	12.0	60	23.5	10.0	5.5	9.5	54	20.0	4.0	2.5	5.0
2.5	65	12.0	10.0	4.5	7.5	49	18.0	17.0	5.0	8.0	24	11.0	4.0	2.5	3.5
5	58	7.0	5.0	4.5	7.5	51	10.0	13.0	4.5	7.5	31	12.0	6.0	3.0	4.5
10	35	9.0	4.0	3.0	5.0	40	7.0	8.0	3.5	6.5	36	6.0	5.0	3.5	5.5
20	26	2.0	2.0	1.0	2.0	26	2.0	2.0	1.0	2.5	26	3.0	2.0	1.5	3.0

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
.013	156	11.0	8.0	10.0	15.5	157	10.0	11.0	10.0	15.5	158	8.0	8.0	11.0	17.0
.051	128	14.0	6.0	4.5	8.5	132	12.0	10.0	5.5	9.5	136	8.0	8.0	4.5	8.0
.160	95	28.0	27.0	8.0	13.5	106	19.0	22.0	7.0	13.0	113	10.0	17.0	7.0	13.0
.495	58	40.0	8.0	3.5	6.5	80	20.0	24.0	4.8	9.5	92	12.0	12.0	5.5	11.5
2.5	24	28.0	4.0	2.5	4.0	53	17.0	22.0	4.0	7.0	67	11.0	14.0	4.5	7.5
5	34	18.7	9.0	4.0	6.5	56	11.0	13.2	4.0	7.0	60	9.0	7.0	4.5	7.5
10	39	9.0	6.0	3.5	6.5	48	6.0	7.0	4.0	7.5	40	11.0	9.0	4.0	6.5
20	27	4.0	3.0	2.0	3.5	26	6.0	2.0	1.5	3.0	26	2.0	2.0	1.5	2.5

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