

MONTH-HOUR VALUES OF RADIO NOISE

STATION KEKAHA, HAWAII

LAT. 22.0 N

LONG. 159.7 W

MAY

1965

H. R. I.	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	4.5	4.0	9.0	14.0	127	8.0	4.3	11.3	17.5	105	10.3	6.0	*12.0	*22.0	84	10.6	10.3	*11.0	*20.8
01	154	4.0	2.0	8.5	13.5	127	8.6	2.0	11.0	18.0	105	12.3	6.0	12.5	20.0	84	14.6	10.0	*11.5	*22.0
02	154	4.0	2.5	10.5	16.5	129	6.8	4.0	11.5	17.8	103	13.1	4.0	11.8	20.8	82	14.6	8.3	13.0	21.0
03	154	6.0	4.0	10.5	16.3	127	10.3	2.3	12.5	19.3	101	16.3	4.3	12.5	21.0	82	18.0	10.3	12.3	25.0
04	152	8.0	2.0	10.0	16.5	127	8.6	2.3	12.5	19.0	103	16.6	6.3	*12.0	*20.0	86	15.0	11.4	12.3	24.0
05	153	7.0	3.0	12.0	18.5	129	8.8	6.0	12.8	21.0	101	20.3	8.0	*11.0	*21.5	76	24.3	6.3	*10.5	*18.0
06	153	5.0	3.0	12.0	18.5	121	10.8	6.0	12.3	18.8	85	28.6	10.3	*10.5	*16.3	60	38.3	6.0	*7.8	*13.5
07	150	6.5	2.0	10.5	17.0	113	20.3	6.0	11.5	16.3	83	34.0	14.3	9.0	14.0	57	41.5	5.0	*4.3	*6.5
08	150	6.7	2.7	11.3	17.0	109	26.5	7.0	13.5	19.5	76	43.5	9.5	*11.5	*18.0	58	38.4	8.0	*14.0	*25.0
09	150	5.4	2.7	11.0	17.0	109	23.9	6.5	13.0	18.5	79	35.1	12.3	*9.8	*15.3	54	43.4	6.0	*8.0	*11.5
10	150	7.3	2.9	10.0	15.5	112	24.5	9.0	*14.5	*21.5	79	35.0	14.9	*10.0	*16.5	58	46.9	8.0	*2.5	*5.0
11	150	7.4	2.0	10.5	16.0	111	12.0	6.0	*13.5	*18.0	87	23.1	23.1	*12.3	*20.5	56	33.1	7.1	*3.5	*6.3
12	150	2.0	4.0	10.3	16.0	111	16.5	6.0	*12.5	*17.0	75	42.7	10.7	*7.0	*12.0	58	44.7	8.0	*2.3	*4.5
13	150	8.4	5.0	11.0	17.0	111	21.4	7.1	*6.5	*9.0	75	46.0	10.0	*6.5	*11.0	56	48.9	8.0	*4.5	*7.5
14	150	10.0	3.3	11.5	17.8	111	28.9	6.9	13.3	17.8	83	42.0	18.9	*7.3	*11.5	58	49.8	8.9	*8.0	*16.5
15	150	8.0	4.0	11.5	18.3	111	30.0	8.0	10.3	14.0	77	46.0	12.0	8.5	14.0	58	48.7	8.7	9.5	20.5
16	148	12.2	3.1	11.3	17.5	106	34.4	5.5	12.0	16.5	74	51.5	9.0	9.0	14.0	57	51.5	9.0	*4.0	*6.0
17	148	12.0	2.9	12.3	19.0	106	35.0	5.5	9.3	12.3	75	46.5	8.5	7.0	11.5	56	44.5	6.5	*3.8	*5.8
18	148	8.9	2.0	11.8	19.3	107	28.7	8.0	5.0	7.0	81	39.4	8.0	*7.8	*12.5	60	39.4	6.7	*4.0	*6.8
19	148	8.9	2.0	10.5	17.5	113	24.7	3.4	8.0	12.5	91	26.0	6.0	7.0	12.0	72	29.4	10.7	*8.5	*20.0
20	150	4.6	2.0	9.5	15.5	121	15.4	6.7	7.5	12.5	99	19.9	10.0	*7.0	*11.0	79	22.9	11.5	10.0	18.5
21	150	6.0	2.0	9.3	15.8	121	13.0	2.5	9.0	16.8	99	18.5	6.0	*12.0	*20.0	78	20.7	8.0	*10.5	*25.0
22	152	2.0	2.0	8.0	13.8	123	7.4	2.5	9.5	14.8	102	11.5	7.5	*11.8	*19.8	82	14.5	12.0	*11.0	*24.5
23	154	2.0	4.0	8.5	14.0	125	7.4	4.5	10.0	16.0	103	13.0	8.0	11.3	19.5	81	15.5	9.0	*9.3	*17.3

H. R. I.	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	61	9.0	10.0	5.5	9.0	51	6.0	3.5	*4.5	*8.3	41	4.0	2.0	6.0	10.3	24	2.0	0.0	1.5	2.8
01	61	9.0	8.5	5.5	9.5	50	6.5	4.0	4.5	7.0	41	4.5	4.0	5.0	10.0	24	2.0	0.0	1.3	2.8
02	61	8.5	8.0	6.0	9.0	52	4.5	6.5	3.8	6.5	43	5.0	4.0	*8.8	*16.0	24			1.5	3.0
03	61	10.5	9.0	5.5	9.3	50	8.0	6.5	5.0	8.8	42	9.0	3.0	*6.5	*10.8	24			1.5	3.0
04	61	12.5	8.0	5.5	10.0	50	6.5	6.0	5.5	10.0	41	8.5	4.5	*7.8	*14.8	24			1.5	3.0
05	61	13.0	4.5	7.5	11.5	50	7.0	4.5	6.5	10.3	41	8.5	4.5	*8.0	*11.5	24	2.0	0.0	1.5	3.0
06	56	15.5	5.0	5.3	8.0	48	13.0	6.5	5.5	9.3	40	7.5	5.5	*10.0	*21.5	24			1.5	3.0
07	46	14.9	5.0	4.5	6.5	41	15.0	7.0	4.8	7.3	37	10.7	6.7	*7.0	*10.5	24	1.0	2.0	2.3	3.5
08	39	28.7	8.7	3.0	5.0	30	22.7	5.4	4.0	6.5	31	12.7	6.0	*5.0	*8.5	22	2.9	0.0	2.0	3.5
09	37	27.5	6.0	2.8	4.8	25	27.0	5.0	4.0	6.0	27	12.7	4.7	6.5	9.5	22	4.7	0.7	2.0	3.5
10	39	27.4	6.0	3.0	4.5	25	29.0	7.0	*4.3	*6.8	25	21.6	5.1	*4.5	*6.3	22	9.6	1.1	1.5	3.5
11	37	25.3	6.0	2.5	4.0	22	11.3	4.0	3.3	5.3	21	10.9	2.0	5.0	7.0	22	0.0	2.0	1.8	3.5
12	35	16.0	4.0	3.0	5.5	22	10.0	4.7	2.5	4.3	23	13.4	6.0	*4.5	*6.8	22	1.0	2.0	2.0	3.5
13	35	27.7	4.9	2.5	4.5	22	21.5	4.0	*2.5	*4.0	22	17.5	5.0	*3.3	*5.3	22	2.0	2.0	2.0	4.0
14	33	22.2	4.0	2.5	4.0	24	15.2	6.0	3.5	5.5	23	14.1	4.0	5.5	10.0	22	3.4	0.7	1.5	3.5
15	35	29.7	4.0	3.0	4.5	24	22.8	4.0	2.5	4.5	27	12.9	4.0	3.5	5.5	24	2.9	2.0	2.5	3.5
16	37	24.2	6.0	2.0	4.0	25	24.8	3.5	3.5	5.0	32	13.5	5.0	3.5	6.5	24	5.0	2.0	2.5	4.0
17	39	26.3	4.0	2.8	4.3	34	19.9	6.0	2.8	4.5	37	10.5	4.0	3.5	6.0	24	2.5	2.0	2.5	4.0
18	43	25.9	6.5	3.0	5.0	44	9.4	8.0	3.0	5.5	41	6.7	4.7	4.0	7.5	24	2.0	2.0	2.3	4.0
19	49	22.7	6.7	4.0	6.0	48	12.0	6.0	3.5	7.0	41	4.5	4.5	3.8	7.0	24	2.0	2.0	2.0	3.3
20	58	13.5	7.5	9.0	14.0	51	6.4	6.0	4.0	7.5	41	6.0	4.0	4.3	7.5	24	2.0	2.0	2.0	4.0
21	59	11.9	8.0	5.0	9.0	50	7.4	4.5	3.0	5.5	39	5.0	2.0	4.0	7.3	24	2.0	2.0	2.0	3.5
22	61	7.4	8.0	5.0	9.5	50	6.5	2.0	3.5	6.0	40	3.0	1.0	3.5	6.5	24	2.0	0.0	1.0	2.5
23	62	7.5	9.5	5.5	9.5	50	6.5	2.5	3.5	5.5	41	2.5	2.0	5.0	8.0	24	2.0	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 NEW DELHI, INDIA

LAT. 28.8 N

LONG. 77.3 E

MARCH 1965

Hr.	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	157	4.1	2.0			133	6.1	4.0			110	13.9	4.0			93	12.7	5.0		
01	157	4.1	2.0			133	6.1	4.0			110	12.6	6.0			94	11.7	8.0		
02	157	4.1	2.0			133	7.7	4.0			110	10.4	4.2			94	8.0	8.0		
03	157	4.0	2.0			131	6.1	2.1			109	11.0	5.2			92	8.1	6.0		
04	157	4.2	0.2			131	8.0	3.7			109	13.0	8.9			90	13.9	5.9		
05	157	4.1	2.0			129	11.2	3.7			107	15.3	7.4			86	17.7	4.1		
06	157	4.0	2.1			125	13.6	4.0			96	25.2	8.0			76	20.7	4.0		
07	153	6.2	0.0			119	16.4	1.9			94	22.5	8.1			74	19.8	5.7		
08	153	5.9	2.0			119	14.1	4.2			92	20.6	6.6			72	16.6	3.9		
09	153	6.1	2.2			119	16.6	6.0			93	24.5	7.9			73	21.2	5.0		
10	153	4.7	2.0			119	18.5	4.0			92	23.4	6.7			73	19.9	3.0		
11	153	6.0	2.0			121	16.9	4.0			94	22.6	5.3			74	19.4	4.0		
12	155	6.7	4.0			121	19.1	4.0			93	26.8	6.8			76	24.0	4.7		
13	155	7.0	4.0			123	18.0	4.0			98	24.0	10.7			76	30.7	6.0		
14	157	6.5	6.0			127	18.5	6.0			98	27.4	8.0			77	30.0	5.5		
15	157	8.0	4.0			130	14.0	8.0			98	26.0	10.0			76	28.0	6.0		
16	159	8.0	4.3			128	20.7	11.1			100	28.6	12.0			84	23.1	12.0		
17	157	8.2	2.2			129	14.8	10.0			106	23.4	10.7			86	22.0	8.2		
18	157	8.2	2.0			131	14.0	8.0			110	16.6	8.3			94	15.6	8.0		
19	157	7.9	2.0			131	13.9	7.7			110	14.8	10.3			96	12.1	11.7		
20	157	6.1	2.0			131	10.3	8.0			108	16.3	10.3			98	8.3	12.0		
21	157	6.0	0.1			133	9.9	6.0			111	13.5	7.0			96	11.9	11.7		
22	159	3.9	3.9			133	9.7	4.1			112	12.3	6.0			94	15.5	9.9		
23	157	5.9	1.7			133	7.9	3.7			112	10.6	6.3			94	13.5	6.1		

Hr.	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	8.1	9.6			60	8.1	2.0			40	10.0	3.6			24	1.0	1.0		
01	63	9.0	7.1			60	5.7	4.3			42	9.5	8.0			25	2.0	2.0		
02	63	11.1	7.0			60	4.0	4.3			40	6.0	5.9			25	2.0	2.0		
03	62	11.8	4.3			56	6.1	2.1			38	4.0	4.1			25	2.0	0.0		
04	63	9.1	7.2			56	3.9	4.0			34	6.4	0.0			25	2.1	0.1		
05	61	9.2	5.4			54	6.1	2.1			34	9.9	1.9			25	2.0	1.7		
06	58	11.9	7.7			56	5.7	3.7			41	7.0	5.0			25	2.0	1.6		
07	48	16.3	3.7			48	10.4	6.2			40	5.7	3.7			25	2.0	0.1		
08	46	15.9	3.9			42	11.9	4.0			42	2.2	5.9			25	2.1	2.0		
09	46	13.4	4.0			42	10.3	8.0			36	5.7	2.1			25	4.5	2.0		
10	46	11.0	2.5			40	10.9	8.0			40	6.3	6.3			25	7.0	2.0		
11	46	10.0	4.0			38	12.9	6.0			40	7.1	10.0			26	3.9	3.0		
12	48	9.4	4.0			38	13.1	6.0			38	4.7	8.7			27	7.4	4.0		
13	50	10.0	6.7			42	10.9	8.0			40	9.4	8.5			27	13.5	3.5		
14	48	17.9	4.0			45	13.5	9.5			42	10.3	8.0			29	19.4	4.0		
15	50	14.6	6.0			50	10.0	6.5			46	10.0	8.3			31	10.6	6.3		
16	54	20.6	8.3			54	12.3	10.6			50	8.3	8.0			31	13.9	6.0		
17	60	12.8	12.0			58	12.0	8.0			60	4.0	14.5			27	4.2	3.9		
18	67	9.1	9.2			62	6.0	10.3			60	5.9	7.9			25	4.0	1.5		
19	70	8.1	13.5			60	6.1	6.1			48	9.7	6.1			25	2.1	2.0		
20	68	8.1	11.9			60	7.7	7.7			44	6.0	2.1			23	2.1	0.0		
21	66	8.3	8.3			58	6.1	4.2			44	5.7	4.1			23	2.1	0.0		
22	66	8.1	11.5			58	6.3	2.1			42	7.7	4.0			23	2.0	0.0		
23	64	10.0	8.1			60	8.0	2.0			40	11.4	4.1			23	2.0	0.0		

* 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 NEW DELHI, INDIA

LAT. 28.8 N

LONG. 77.3 E

APRIL

1965

H R. 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	161	2.0	4.2			137	4.0	6.0			107	6.2	8.1			98	8.1	5.7		
01	160	1.2	3.2			137	2.2	6.0			105	6.2	6.2			96	8.0	5.7		
02	159	3.9	2.2			137	4.1	5.9			105	6.1	6.1			96	9.7	7.6		
03	159	4.0	3.9			135	7.9	5.9			105	9.5	12.0			94	12.0	6.2		
04	159	3.9	3.9			133	9.5	6.0			101	11.6	10.0			90	15.6	10.9		
05	159	2.2	4.0			131	7.9	8.1			94	16.8	10.9			81	20.2	5.4		
06	157	2.2	3.9			125	10.0	6.0			89	17.6	10.0			76	20.3	4.1		
07	157	2.2	2.2			120	13.2	3.2			87	21.2	7.9			76	20.6	3.7		
08	156	3.2	3.2			121	11.0	6.0			85	15.4	8.0			76	17.9	6.3		
09	157	3.1	8.0			121	12.6	6.0			85	19.4	9.0			76	24.0	4.0		
10	157	4.0	6.0			127	7.7	9.8			89	19.1	11.9			76	24.0	2.0		
11	157	4.0	5.7			127	8.0	5.5			89	15.5	11.5			* 80				
12	159	3.7	3.8			131	6.6	7.3			93	12.0	11.8			80	15.5	7.5		
13	160	1.9	6.8			132	5.5	9.5			95	10.3	12.0			80	18.9	7.7		
14	161	4.9	6.0			131	9.4	4.7			97	10.6	12.0			78	19.2	5.9		
15	161	6.3	6.3			133	8.2	6.1			97	15.8	8.0			79	32.8	3.0		
16	163	4.0	4.1			133	10.0	5.9			99	14.2	8.0			80	31.4	4.0		
17	163	4.0	4.0			135	8.2	8.1			101	13.5	10.1			88	24.4	8.0		
18	161	3.9	4.0			135	9.4	8.1			106	10.4	9.1			96	18.4	4.0		
19	161	2.3	4.3			137	6.4	8.0			109	8.3	9.9			102	11.5	9.0		
20	163	2.3	6.0			137	6.2	7.9			109	7.9	6.4			102	11.0	6.0		
21	161	4.2	3.9			137	4.4	7.7			109	4.4	8.1			100	11.9	7.0		
22	161	4.1	3.9			137	6.0	6.1			108	6.7	5.1			100	11.0	9.0		
23	161	2.0	4.3			137	4.1	6.0			107	6.1	8.0			100	7.7	9.6		

H R. 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	70	10.8	8.0			64	6.5	7.0			45	6.0	4.0			25	2.1	2.0		
01	69	9.5	7.5			62	4.6	4.6			45	4.0	6.7			25	0.2	2.0		
02	68	10.3	8.3			60	6.0	6.7			43	4.2	5.9			25				
03	64	11.0	6.0			58	6.0	8.0			41	4.0	6.0			25	0.1	2.0		
04	66	11.3	9.3			56	6.0	9.1			37	8.0	4.0			25				
05	62	12.0	10.7			52	13.5	6.9			39	8.4	3.9			25	0.5	2.0		
06	55	14.3	6.3			50	10.0	11.4			40	7.0	1.5			25	2.0	2.0		
07	50	15.3	2.0			44	19.3	6.2			38	5.5	3.5			25	2.0	2.0		
08	50	12.3	4.3			41	13.6	7.0			37	9.7	6.0			25	3.5	0.0		
09	* 50					* 44					* 39					25	4.0	2.0		
10	52	10.4	6.6			* 42					* 40					* 25				
11	54	10.6	7.9			50	8.9	19.9			* 41					* 29				
12	* 50					44	16.4	13.7			42	8.6	4.8			31	4.0	6.0		
13	54	13.4	8.7			47	18.6	9.1			45	6.0	4.0			33	6.9	4.9		
14	50	22.0	5.1			51	16.1	9.0			47	5.0	8.0			31	10.0	2.0		
15	57	13.6	13.6			52	11.4	10.7			49	5.4	6.0			35	4.5	4.0		
16	60	9.3	12.0			58	11.1	9.1			53	8.0	8.7			33	8.0	4.0		
17	62	14.7	6.7			60	8.5	10.0			55	6.0	6.0			33	6.7	4.7		
18	70	12.0	10.5			64	6.0	6.0			54	9.9	5.9			30	6.7	5.0		
19	74	7.4	10.7			65	7.0	9.0			51	6.3	2.3			27	6.5	4.0		
20	74	6.5	7.0			64	6.0	8.0			49	6.7	4.7			23	4.4	0.0		
21	74	4.3	10.3			62	6.6	6.0			47	4.7	6.0			23	2.0	0.0		
22	72	4.2	8.1			62	6.5	8.0			45	6.8	4.3			23	2.1	0.0		
23	70	6.2	8.1			64	6.3	8.6			43	6.7	4.0			23	2.4	0.0		

* 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 NEW DELHI, INDIA

LAT. 28.8 N

LONG. 77.3 E

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	158	5.1	4.0			132	14.3	18.3			112	16.0	4.3			96	14.0	10.8		
01	158	5.5	2.0			*133					112	14.0	7.7			96	16.0	16.0		
02	158	5.1	4.0			*133					112	11.6	6.1			* 94				
03	158	3.5	4.0			*135					*114					92	11.9	12.3		
04	158	2.0	4.0			130	8.0	16.8			105	13.5	9.1			82	18.6	8.0		
05	157	3.0	3.0			122	15.9	17.4			93	27.4	5.4			74	23.7	2.2		
06	156	7.1	4.0			120	14.7	16.8			91	24.2	6.9			74	18.0	4.1		
07	156	5.6	4.0			118	16.4	12.2			98	20.8	10.3			72	18.9	1.7		
08	156	4.4	4.2			*116					* 98					* 73				
09	*154					*123					* 92					* 74				
10	*156					*125					* 96					* 74				
11	*156					*126					* 96					* 78				
12	156	8.3	2.3			*128					*102					* 86				
13	160	4.3	5.9			*133					*120					*101				
14	160	10.0	2.3			*130					123	11.9	21.3			*106				
15	163	10.7	5.7			138	12.6	12.9			124	10.1	23.2			98	20.9	23.6		
16	163	7.0	6.3			139	15.1	14.2			119	20.6	16.4			100	19.6	25.7		
17	161	11.0	3.0			*136					116	20.7	19.2			95	16.6	21.1		
18	159	8.5	1.9			135	9.9	19.2			118	19.8	11.4			99	18.8	10.3		
19	158	5.7	2.0			*138					120	11.2	10.6			*101				
20	159	5.9	3.0			*137					120	10.2	8.3			102	10.9	13.9		
21	158	6.0	1.1			136	14.2	20.8			118	11.2	9.9			98	13.4	10.0		
22	160	2.0	3.1			*133					117	8.4	6.3			* 98				
23	158	5.1	2.0			132	12.6	20.3			114	13.5	7.6			96	13.0	15.9		

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	69	8.1	8.1			60	6.5	3.9			46	5.3	4.0			25				
01	69	7.4	8.1			60	4.6	4.0			46	6.0	6.0			25	1.6	4.0		
02	65	8.3	4.3			60	7.8	4.1			44	4.1	4.1			23	2.1	1.7		
03	65	15.6	7.9			60	5.8	6.1			42	7.5	4.0			23	3.5	2.0		
04	65	12.3	8.0			58	4.7	4.1			42	5.7	3.7			25				
05	61	10.6	8.3			58	6.5	6.4			42	4.0	5.3			25	1.5	3.5		
06	56	10.3	7.0			52	12.0	8.0			41	10.2	3.1			25	2.0	4.0		
07	53	6.5	4.0			44	18.9	4.0			38	10.0	6.0			23	4.1	2.0		
08	51	6.9	3.9			40	13.4	4.3			* 36					23	4.1	2.0		
09	49	8.3	2.2			41	11.2	4.9			34	8.1	4.0			23	4.0	2.0		
10	49	9.1	2.3			* 40					* 40					* 25				
11	* 51					* 42					40	10.1	6.2			27	10.3	3.9		
12	53	8.8	4.0			46	11.9	8.3			42	7.9	5.7			27	10.0	2.0		
13	59	10.0	11.7			54	11.9	10.0			46	6.3	4.0			* 29				
14	65	16.0	10.8			56	18.2	7.1			50	14.9	8.1			* 30				
15	* 63					* 56					52	8.0	8.0			33	13.9	4.2		
16	63	22.7	8.2			58	21.9	11.0			50	11.8	4.9			33	15.1	4.0		
17	65	17.6	6.3			62	10.6	10.0			52	7.5	4.0			31	13.2	6.0		
18	67	9.9	8.2			62	9.0	5.5			52	6.0	4.0			28	5.9	5.0		
19	71	8.4	5.9			62	11.5	4.1			54	3.5	6.0			27	4.0	5.1		
20	71	12.6	4.1			62	13.1	3.9			52	4.2	7.3			26	4.3	5.0		
21	72	13.2	7.2			63	9.2	5.1			48	5.1	4.0			23	5.3	2.0		
22	70	8.7	5.1			62	8.8	5.6			46	5.3	2.0			23	4.0	2.0		
23	69	9.9	6.0			62	5.0	6.0			47	3.0	6.3			25	2.0	4.0		

* 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 OHIRA, JAPAN

LAT. 35.6 N

LONG. 140.5 E

MARCH

1965

H. R. 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	155	4.0	3.1	10.3	14.5	132	8.2	4.0	12.5	19.0	111	8.0	5.1	10.5	17.0	88	12.2	6.0	*11.5	*17.0
01	155	6.0	2.0	10.5	15.0	132	7.1	4.0	12.5	18.0	111	6.0	5.1	11.5	18.0	90	10.0	8.0	*11.0	*16.5
02	155	6.0	2.0	10.8	15.8	132	8.0	4.0	12.5	18.5	109	10.2	4.0	9.5	15.5	86	13.2	4.0	10.5	15.5
03	155	4.0	3.1	11.0	16.0	132	7.0	4.0	12.8	18.8	109	9.1	5.1	10.0	15.0	86	11.2	6.0	*10.3	*15.3
04	155	4.0	3.1	11.8	16.8	132	6.0	4.0	*13.5	*19.0	109	10.2	7.1	* 9.0	*14.3	82	14.0	5.1	9.5	15.5
05	155	4.0	2.0	12.0	17.5	130	7.7	4.1	13.8	20.0	101	15.1	4.0	* 9.8	*14.8	76	9.5	5.5	* 7.5	*11.3
06	153	4.0	2.0	11.8	17.0	122	9.0	4.0	11.0	16.5	93	12.0	7.1	* 6.3	* 8.8	66	12.0	4.0	*11.0	*15.3
07	151	3.3	2.0	12.3	17.3	118	9.3	7.0	*11.0	*16.3	88	20.1	6.3	*16.3	*23.0	66	13.3	4.0		
08	153	3.1	4.0	12.8	18.0	110	20.1	8.0	*18.8	*25.5	87	21.3	9.3	* 4.5	* 6.5	69	16.1	7.0	* 9.3	*13.8
09	153	4.0	4.0	14.5	19.5	116	11.7	13.6	*14.8	*20.3	87	14.6	10.0	* 7.0	* 7.5	68	9.3	5.9		
10	*153			*16.5	*21.8	*110			*17.0	*23.0	* 83			* 1.5	* 1.5	70	7.2	8.0		
11	151	4.0	4.0	16.5	22.0	116	12.2	8.0	*14.8	*21.0	84	15.7	7.0	* 3.0	* 5.3	66	15.5	4.0		
12	151	6.0	3.3	16.0	21.5	116	13.8	8.0	*16.8	*22.0	83	14.0	6.0	* 2.5	* 3.0	68	11.3	6.0	* 7.0	* 9.0
13	151	9.3	4.0	15.0	20.0	116	14.6	6.1	*14.5	*21.3	85	24.6	8.0	5.0	6.0	68	16.4	6.0	*14.5	*17.0
14	151	10.0	2.0	14.0	19.3	117	22.8	7.0	*16.0	*23.0	87	24.2	10.0	* 8.0	*12.5	69	15.4	7.0	* 6.0	* 8.0
15	153	6.0	3.5	14.0	19.5	116	17.0	7.5	*17.0	*23.0	87	26.0	7.5	*13.0	*18.5	72	11.5	8.0	* 4.0	* 9.0
16	154	4.3	3.0	*13.5	*19.5	110	14.1	5.6	*10.8	*15.0	84	31.4	7.0	*11.0	*16.3	68	28.6	6.0	*19.0	*22.0
17	155	6.0	4.0	11.5	17.0	118	17.5	10.0	* 9.3	*13.3	90	21.6	10.3	*13.5	*17.8	76	12.0	6.0	* 9.5	*14.0
18	155	4.2	3.1	10.0	15.3	118	13.5	2.0	* 9.8	*14.5	95	17.0	8.0	*16.5	*22.5	82	10.2	6.0	*10.5	*17.5
19	157	2.0	4.0	11.3	16.8	124	8.0	4.0	*12.0	*18.3	101	12.0	5.3	*10.5	*15.5	84	15.1	4.0	* 8.5	*13.5
20	157	4.0	4.0	11.0	16.0	128	7.5	3.5	12.5	18.3	105	12.0	5.1	*10.0	*15.5	86	13.3	6.0	9.0	14.0
21	157	4.0	4.0	9.5	14.5	130	9.5	3.5	11.0	17.0	109	13.1	6.0	*11.3	*17.3	88	15.2	6.0	*12.0	*18.5
22	155	6.0	2.0	10.0	15.0	132	7.8	4.0	12.5	18.5	109	11.2	5.1	*10.3	*15.8	88	12.3	7.1	* 9.8	*14.3
23	155	6.0	3.3	9.3	13.5	132	5.3	4.0	13.0	19.0	110	6.3	7.0	*10.0	*17.0	88	10.2	7.1	*12.0	*19.0

H. R. 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	* 60			* 5.0	* 8.5	58	5.9	26.5	* 3.0	* 6.0	41	4.1	5.7	* 4.0	* 7.0	22	2.0	0.0	2.5	4.0
01	* 61			* 8.0	*14.0	59	4.6	4.2	* 3.0	* 5.0	39	2.2	8.8	* 5.5	* 8.8	22	2.0	0.0	1.5	3.0
02	54	18.8	12.3	*10.5	*17.5	58	4.8	2.3	* 3.3	* 5.8	37	6.0	6.0			24			1.5	3.0
03	56	20.3	8.3	*10.5	*17.0	72	3.7	11.4	* 7.3	*10.3	36	7.3	5.0	* 4.0	* 6.5	24			1.5	3.0
04	* 53			* 5.0	* 8.3	66	4.0	5.3	*12.5	*17.0	32	5.0	3.9	* 3.0	* 4.8	24			1.5	3.5
05	* 52			* 6.0	*10.3	66	6.0	7.0	* 5.0	*10.5	33	5.2	3.1	* 1.8	* 3.5	24			1.5	3.3
06	49	17.2	4.8	* 5.5	* 9.0	* 53			* 9.5	*13.5	* 39			* 3.5	* 6.0	24			1.5	3.5
07	40	8.5	2.5	* 5.5	* 8.5	42	12.8	4.6	* 6.5	*10.3	* 37			* 3.0	* 5.0	24	2.0	2.0	1.5	3.5
08	40	4.0	4.0	* 6.3	* 9.5	38	9.9	6.0	* 4.5	* 6.5	37	12.1	4.1	* 6.3	*10.3	26			1.8	3.5
09	42	8.8	3.9	* 5.5	* 7.5	34	6.7	4.0	* 4.3	* 7.5	* 31			* 4.0	* 6.5	* 24			* 2.5	* 4.5
10	* 40			* 9.0	*12.5	* 32			* 6.0	* 8.5	* 33			* 4.0	* 6.0	24	5.3	1.3	2.0	4.0
11	42	4.1	3.7	* 5.8	* 8.5	34	13.4	2.0	* 3.8	* 6.0	33	8.4	6.1	* 2.8	* 5.3	26	2.9	4.0	2.5	4.5
12	40	6.2	3.1	* 9.8	*13.5	34	4.3	4.0	* 5.0	* 7.5	33	12.0	4.0	* 7.5	*11.0	24	6.0	0.9	* 3.0	* 5.0
13	41	5.0	5.0	* 3.5	* 6.0	34	4.2	3.1	* 5.5	* 8.0	31	5.8	2.0	* 3.0	* 5.0	26	6.3	2.0	2.0	3.5
14	42	5.5	4.0	* 8.0	*11.5	36	19.8	4.0	* 4.3	* 7.3	35	16.2	4.0			28	5.9	3.7	3.0	5.3
15	40	5.1	2.0	* 8.0	*11.5	37	11.7	3.1			39	10.0	6.0	* 5.5	* 6.5	24	8.0	2.0	* 2.0	* 3.5
16	42	6.0	6.0			52	8.4	16.0	* 9.5	*15.0	* 40			* 2.5	* 6.0	26	4.0	4.0	* 2.3	* 4.5
17	* 42			* 8.5	*12.0	62	6.0	5.4	* 9.0	*13.0	41	4.1	7.2	* 6.0	* 8.5	24	6.0	2.0	2.5	4.5
18	* 50			* 5.0	* 8.5	66	4.0	4.0	* 7.3	*12.5	* 49			* 3.5	* 7.0	22	4.0	0.0	2.0	4.0
19	56	10.7	7.7	* 8.3	*13.3	66	6.0	6.3	* 7.0	*11.8	41	5.1	7.1	* 4.5	*10.0	22	2.0	0.0	1.0	3.0
20	54	16.5	6.0	* 4.0	* 7.5	68	2.0	7.9	* 6.3	*10.5	40	9.0	5.0	* 3.8	* 6.8	22	0.2	0.0	1.0	2.5
21	60	10.0	6.3	* 7.8	*13.8	68	6.0	6.0	* 5.0	* 7.5	44	10.3	10.8	* 4.3	*11.5	22	2.1	0.0	1.3	2.8
22	62	11.3	9.3	* 4.0	* 7.3	60	11.3	8.0	* 5.8	* 9.0	41	11.5	6.0	* 5.0	* 8.0	22	2.0	0.1	* 0.8	* 2.3
23	63	8.1	3.4	* 8.0	*12.0	58	9.3	13.1	* 3.3	* 5.8	37	4.0	5.5	* 2.5	* 6.5	22	2.0	0.0	* 1.8	* 3.5

* 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 OHIRA, JAPAN

LAT. 35.6 N

LONG. 140.5 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	157	4.0	3.9	*10.5	*15.5	134	2.7	4.0	*12.5	*18.3	112	4.1	4.1	9.3	14.5	89	6.0	2.1	7.0	11.5
01	157	4.0	4.1	10.0	14.8	134	4.0	4.0	*11.0	*17.0	110	4.1	3.9	8.5	13.5	89	6.0	4.0	* 9.0	*14.0
02	157	4.1	3.7	*11.3	16.0	134	4.0	2.7	*11.5	*17.5	112	4.1	5.7	10.5	16.0	89	6.0	4.3	* 9.8	*13.0
03	157	3.9	3.7	*12.3	*18.0	136	2.2	4.0	10.5	16.0	112	5.7	6.0	8.0	14.0	87	8.1	5.7	* 9.5	*15.5
04	157	5.9	1.7	11.0	16.5	134	7.5	2.0	*13.5	*19.5	110	8.0	5.7	* 6.3	*10.8	85	7.7	8.0	* 9.0	*14.0
05	157	4.0	2.1	10.0	15.5	128	4.3	4.0	9.8	15.3	102	4.1	9.7	* 8.0	*13.5	71	4.0	8.0	* 9.3	*13.8
06	155	3.7	2.0	12.3	17.5	124	5.1	6.0	15.0	19.0	90	9.7	11.5	*15.8	*19.5	63	6.0	2.2	*11.5	*13.5
07	155	3.7	2.0	11.0	16.5	116	10.3	8.3	*15.0	*21.0	87	13.3	7.2	*12.0	*17.5	63	4.0	2.2	* 6.5	* 8.5
08	155	4.0	2.0	*12.0	*15.5	114	12.0	3.5	*15.0	*20.5	86	17.5	8.0	*12.3	*17.3	63	10.6	2.0	* 3.5	* 5.5
09	156	3.0	3.0	*14.3	*20.3	118	12.0	5.2	*13.0	*20.5	86	12.9	5.8	*10.0	*12.5	64	4.6	1.1	* 9.0	*11.5
10	155	4.6	2.0	*15.0	*21.5	120	9.2	4.2	*15.5	*22.5	86	14.9	8.0	* 9.3	*13.0	63	8.7	1.4	* 4.0	* 6.0
11	155	4.9	2.0	*14.5	*20.5	120	10.0	4.7	14.8	21.8	85	13.0	7.0			65	6.2	4.2		
12	155	2.0	2.3	*14.0	*19.5	122	6.0	4.0	*15.8	*24.3	84	16.0	6.0	* 3.5	* 6.0	63	8.2	1.9	*10.0	*13.0
13	155	4.0	2.1	13.5	19.5	121	8.9	3.0	*12.0	*18.8	86	11.6	8.0	*12.5	*16.5	65	9.9	2.0	* 8.5	*11.0
14	157	2.1	4.0	13.8	19.5	124	11.2	6.0	*11.5	*18.0	88	10.1	10.0	* 5.0	* 6.5	65	13.7	4.1	* 5.0	* 8.0
15	157	4.0	2.0	* 9.3	*15.3	120	8.1	0.2	*11.3	*17.5	88	13.2	10.0	* 5.3	* 8.5	69	11.6	8.1	*13.5	*16.0
16	159	2.0	3.7	* 9.8	*15.5	120	6.2	3.1	*10.0	*15.0	88	6.1	7.9	* 6.0	* 9.0	63	6.6	4.3	* 6.0	* 8.0
17	159	2.0	2.0	8.5	13.3	118	6.0	5.0	11.0	16.0	82	11.9	4.0	*13.0	*15.8	69	4.0	6.0	* 9.3	*13.8
18	157	3.6	2.0	8.3	13.0	120	5.4	4.7	9.0	14.5	96	4.1	8.0	*13.0	*16.3	77	7.5	5.7	*12.5	*17.3
19	157	5.6	2.0	8.5	13.5	126	4.0	2.2	12.0	18.0	101	9.0	3.0	10.3	16.3	83	4.0	6.1	10.0	15.3
20	159	3.9	2.0	10.0	15.0	130	4.0	3.1	10.0	13.0	108	5.7	4.1	8.5	13.0	87	6.0	5.7	8.0	13.3
21	159	2.1	2.0	10.0	15.0	132	4.0	2.0	10.5	15.5	108	8.3	3.7	11.0	16.5	89	5.9	5.7	* 8.0	*12.8
22	159	2.0	4.1	10.0	15.0	132	4.7	2.0	10.0	15.5	112	3.9	6.1	8.5	12.5	89	4.3	2.1	* 6.0	*12.0
23	157	4.0	4.0	10.5	14.5	132	5.9	2.0	11.5	18.0	112	4.0	4.2	8.5	14.3	89	6.0	2.1	6.0	10.5

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	58	5.5	2.0	4.0	7.5	55	4.0	4.3	4.0	7.5	41	4.1	4.0	* 7.5	*10.0	23	1.0	2.0	2.0	3.3
01	58	6.1	4.1	3.5	6.5	55	4.2	3.9	* 2.8	* 5.3	41	5.6	4.0	* 7.0	* 9.3	23	1.0	2.0	2.0	4.0
02	58	6.1	6.0	4.5	8.0	55	6.0	4.3	3.8	6.8	43	4.0	4.0	8.5	11.8	23	0.1	2.0	2.0	3.5
03	57	10.6	4.6	4.5	8.5	55	24.0	5.6	4.8	8.3	41	4.0	6.0	5.5	8.0	23	0.8	2.0	1.8	3.3
04	56	10.0	7.3	3.5	7.0	66	13.0	14.3	* 7.5	*14.0	35	8.3	4.0	* 3.0	* 5.3	23	0.6	2.0	1.5	3.5
05	56	7.5	9.5	5.0	8.5	63	5.7	8.3	* 9.0	*13.0	41	7.6	3.6	* 6.5	* 8.5	23	0.0	2.0	1.8	3.5
06	46	5.5	6.0	8.0	11.0	47	8.7	4.0	* 7.5	* 8.8	41	6.0	5.5	* 4.5	* 7.8	23	2.0	2.0	1.5	3.0
07	40	4.0	4.0	7.0	10.5	39	6.0	6.0	*10.5	*14.5	41	4.0	6.0	* 5.8	* 9.5	24	1.1	1.0	2.5	4.5
08	40	5.5	2.0	8.0	11.5	35	8.6	2.0	* 6.0	* 8.8	35	7.6	3.6	3.5	6.5	23	2.1	0.0	1.8	3.8
09	40	4.1	2.0	6.0	9.0	33	8.0	2.7	* 5.8	* 8.3	31	7.2	2.0	* 8.0	* 9.8	23	2.0	2.0	* 1.0	* 3.5
10	38	6.6	2.0	9.0	12.5	33	6.9	2.1	* 7.0	* 9.0	32	3.0	5.0	4.0	6.5	23	2.0	1.0	* 3.0	* 5.5
11	38	8.9	0.9	* 6.3	* 9.3	31	2.9	2.0	7.0	10.0	31	4.7	4.0	2.5	5.0	24	3.7	3.0	* 4.8	* 6.8
12	38	4.6	2.0	5.0	8.0	31	8.2	2.0	6.5	10.0	30	5.0	3.0	* 2.0	* 4.3	24	5.4	3.0	3.0	5.3
13	40	2.6	4.0	7.5	11.5	31	6.0	2.0	5.8	8.8	31	4.0	2.0	* 3.0	* 5.5	24	7.3	1.3	3.0	5.0
14	39	5.1	3.0	8.5	12.0	33	4.6	2.0	* 6.0	* 8.8	35	8.7	6.0	5.5	8.0	25	9.9	2.1	3.0	5.0
15	38	7.6	2.0	7.5	11.0	37	2.6	4.0	* 6.3	*10.0	39	3.9	3.7	* 4.0	* 6.5	25	10.8	4.0	3.0	5.0
16	38	4.2	1.9	8.0	11.5	42	9.6	5.0	*10.0	*14.0	41	5.9	2.0	5.5	8.5	26	8.3	3.0	* 3.3	* 4.3
17	42	3.7	4.0	7.5	10.0	57	4.6	12.6	*14.8	*21.3	44	4.6	3.0	* 3.0	* 6.0	26	11.7	3.0	* 3.5	* 5.0
18	46	4.1	5.7	* 6.3	* 9.5	71	5.1	22.0	* 8.8	*14.5	45	6.0	2.0	* 4.5	* 7.0	26	12.9	3.0	2.5	5.0
19	54	5.6	4.1	6.5	10.3	69	8.3	14.3	* 7.0	*12.5	47	9.0	4.1	* 5.5	* 9.0	25	8.0	4.0	2.5	5.0
20	56	7.5	4.0	* 4.3	* 7.5	71	5.8	14.0	*11.8	*16.8	45	5.7	5.6	* 4.8	* 7.8	23	4.9	2.0	2.5	4.0
21	60	3.6	4.1	* 6.3	* 9.3	73	6.7	16.0			45	4.0	4.0	* 5.0	* 9.0	23	2.0	2.0	1.5	3.0
22	60	4.0	4.0	5.0	9.0	59	18.0	4.0	* 4.0	* 6.0	45	4.0	4.0	6.0	9.5	23	2.3	2.0	* 1.0	* 3.3
23	60	4.1	4.0	5.3	8.8	57	5.6	3.6	3.3	5.8	41	7.3	2.0	* 3.5	* 5.5	23	1.1	1.9	* 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 OHIRA, JAPAN

LAT. 35.6 N

LONG. 140.5 E

MAY

1965

H R. 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	155	4.0	3.9	10.0	15.5	131	5.9	4.1	10.8	17.3	109	4.1	5.9	7.5	12.8	86	7.7	7.9	6.5	11.5
01	157	2.1	5.7	9.5	15.5	132	5.0	3.2	10.5	16.5	108	3.4	6.9	7.5	14.5	86	6.0	6.4	7.5	13.5
02	157	2.6	4.3	10.3	15.8	133	4.0	4.0	*12.5	*18.5	109	4.2	6.0	9.0	15.0	86	7.7	7.9	*10.0	*16.0
03	157	3.9	4.2	*10.5	*16.5	133	4.0	4.3	11.3	18.3	109	4.1	5.7	8.5	15.5	86	4.3	8.1	*7.5	*15.0
04	155	4.0	2.0	*11.5	*17.0	131	4.6	6.3	11.5	18.3	103	6.2	8.0	10.3	16.0	72	9.5	11.9	*6.3	*11.5
05	153	4.0	3.7	11.5	17.0	124	5.4	5.2	11.5	18.0	91	7.9	11.9	9.3	14.8	60	10.0	4.1	*5.0	*7.0
06	153	2.0	4.0	12.0	17.0	117	10.0	10.0	*14.0	*21.0	85	10.3	8.0	*11.0	*14.8	60	14.1	4.0	*6.5	*9.5
07	153	4.0	3.7	13.0	18.5	115	12.1	7.7	*13.5	*22.0	89	11.9	8.1	*9.3	*15.0	62	10.2	6.0	*10.0	*13.8
08	155	2.3	4.3	12.5	19.0	118	9.4	7.1	*16.8	*23.5	91	8.4	8.1	11.5	17.0	65	10.8	7.0	*5.5	*7.5
09	155	4.7	4.0	12.5	19.5	121	12.0	8.0	*11.5	*19.0	89	12.9	6.9	*9.8	*14.0	64	10.0	6.3	*9.5	*12.5
10	155	4.3	4.0	*13.0	*19.5	*120			*14.8	*22.8	*90			*11.0	*16.5	64	4.3	4.8	*4.5	*6.0
11	155	2.0	3.7	*13.5	*20.0	123	8.1	6.6	*10.8	*18.3	91	8.2	9.6	*8.3	*13.0	64	11.3	4.0	*5.5	*8.0
12	155	4.6	4.0	*12.8	*20.3	121	10.0	2.9	12.0	21.0	90	11.0	7.5	*8.5	*11.3	64	7.0	6.0	*1.0	*2.5
13	155	4.3	4.3	13.5	19.0	123	10.0	6.0	*12.0	*19.0	87	14.3	6.0	*14.0	*16.5	64	10.6	4.3	*5.5	*9.0
14	156	5.0	3.0	12.0	17.5	125	6.5	6.5	*12.0	*18.5	89	11.4	8.0	*7.5	*10.0	64	12.0	6.7	*4.5	*9.0
15	157	2.5	4.0	10.5	17.0	125	5.0	6.5	12.0	16.5	89	21.4	8.6	9.5	12.5	70	25.4	12.5	*7.5	*10.0
16	157	2.2	7.6	*9.8	*15.5	123	13.8	7.5	*8.5	*14.5	89	31.4	7.0	10.0	16.0	64	37.0	4.2	*6.8	*12.8
17	157	2.0	2.2	9.3	14.5	121	17.9	4.2	*11.8	*16.5	87	32.1	9.9	*6.3	*8.3	64	23.8	6.5	*7.5	*13.5
18	157	0.3	2.3	9.0	14.5	115	12.8	2.0	9.0	14.0	89	15.1	8.1	*8.5	*12.0	72	12.3	8.1	*8.0	*12.0
19	157	3.7	5.9	9.5	15.0	123	6.3	3.9	*10.3	*16.5	100	5.4	6.9	*9.5	*15.5	76	8.3	8.2	*7.0	*11.5
20	157	4.2	2.2	10.5	15.5	129	6.6	2.3	*11.3	*16.8	105	7.9	5.9	10.5	16.5	80	8.2	6.1	*9.0	*15.0
21	157	4.0	3.9	11.0	17.0	131	6.3	4.3	10.5	16.0	107	6.3	6.0	9.0	14.5	84	7.9	10.1	*8.0	*13.0
22	157	2.1	4.0	11.0	16.3	131	6.0	2.2	10.0	17.5	107	7.9	5.7	9.5	15.0	86	3.9	8.2	7.5	12.5
23	157	2.1	4.1	10.8	16.5	131	6.0	3.9	11.0	17.0	107	6.1	5.7	9.0	16.0	86	4.4	9.7	7.0	11.5

H R. 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	59	8.3	3.0	*5.8	*10.0	56	4.9	4.0	*3.3	*6.0	44	5.9	6.8	*6.5	*10.3	23	2.0	0.5	1.0	2.5
01	58	6.0	3.3	*5.0	*9.0	54	5.3	10.5	4.0	7.5	45	5.5	8.0	*8.0	*12.5	23	2.0	0.0	1.0	2.5
02	58	4.0	3.5	*4.5	*9.5	54	4.0	4.0	5.5	9.5	43	6.2	5.1	*3.0	*6.0	23	2.0	0.7	1.0	2.8
03	56	6.0	6.0	*5.5	*11.0	52	5.3	4.0	*4.3	*8.0	41	12.2	6.0	*5.3	*8.8	23	2.0	0.7	1.0	2.8
04	54	5.8	10.0	*6.5	*11.5	52	4.0	2.0	2.5	6.0	43	6.0	8.0	*3.0	*6.0	23	2.0	2.0	1.0	3.0
05	46	7.0	6.0	*5.8	*11.3	48	4.9	6.9	4.0	8.0	41	6.0	2.0	*8.0	*11.8	23	4.0	0.0	1.0	3.0
06	40	4.0	4.0	7.5	11.0	39	7.5	3.0	*6.5	*10.5	37	6.7	4.0	*4.0	*7.0	23	4.0	0.0	1.5	2.8
07	36	4.0	0.7	*7.0	*11.5	34	6.9	2.0	*8.8	*14.3	35	10.0	2.0	*4.0	*7.0	23	4.0	2.0	1.5	3.5
08	38	2.0	2.0	7.8	11.3	33	3.0	3.0	*6.5	*9.5	31	11.3	2.0	*3.0	*5.8	23	4.0	2.0	1.5	3.5
09	*37	7.6	1.0	*6.8	*10.8	33	3.0	2.3	*5.0	*7.5	29	7.5	2.0	2.0	4.0	*21	4.8	0.3	*1.5	*3.0
10	*38			7.3	11.0	*32			*8.5	*11.5	*29			*2.0	*5.0	23			*2.0	*3.5
11	38	0.2	2.0	7.0	10.5	32	2.0	2.0	*7.5	*11.0	29	7.8	2.1	*3.8	*7.0	22	3.2	1.0	*2.0	*4.0
12	36	2.0	2.0	*8.0	*12.3	32	4.9	2.0	*7.0	*10.3	29	8.0	4.0	*3.5	*6.0	23	1.3	2.0	2.0	4.0
13	38	2.7	4.0	7.0	10.0	32	6.0	2.0	5.0	8.5	29	8.9	2.0	*2.3	*4.5	23	5.1	2.0	2.5	4.5
14	38	4.9	4.0	*6.5	*11.0	32	7.8	2.0	6.0	9.0	31	6.2	4.0	*2.5	*4.5	23	5.5	3.5	*2.3	*4.3
15	36	5.3	3.3	7.5	11.0	34	15.4	4.0	*6.0	*9.5	35	7.8	4.0	*5.8	*8.8	25	4.3	4.0	3.0	5.0
16	38	12.8	2.7	7.5	11.0	36	19.0	4.0	*6.5	*13.0	39	6.0	4.0	*6.0	*9.5	25	4.5	2.5	*2.8	*4.8
17	40	25.4	4.0	7.5	11.0	42	20.5	3.0	*4.0	*7.3	43	6.0	6.0	*5.0	*8.5	27	2.9	4.9	2.5	5.0
18	43	19.4	3.0	*7.0	*11.0	48	11.2	5.1	*4.8	*8.0	45	5.0	2.0	*5.0	*8.0	29	4.0	6.0	2.5	5.0
19	50	8.8	4.3	*6.0	*10.0	54	11.1	4.0	*5.0	*9.0	47	3.1	4.0	*2.5	*5.8	28	3.0	3.0	2.3	4.3
20	54	8.0	2.0	5.5	10.0	56	10.0	4.0	*3.5	*6.5	47	7.3	4.0	4.0	7.5	26	5.0	3.0	2.0	4.5
21	57	11.4	4.3	*5.8	*11.0	56	8.9	2.9	3.5	5.5	48	5.0	3.9	3.0	7.0	24	7.9	1.9	2.5	4.0
22	59	10.1	4.3	4.5	9.0	56	12.2	0.0	3.5	6.0	45	6.7	6.0	*3.5	*7.5	23	10.0	0.0	1.0	2.8
23	60	10.6	3.3	*5.3	*9.0	56	9.5	2.0	4.0	7.0	45	5.3	6.0	*7.0	*10.5	23	4.0	0.0	1.3	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 PRETORIA, S. AFR.

LAT. 25,8 S

LONG. 28,3 E

MARCH 1965

Hr.	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	160	8.0	2.2			136	6.0	6.1			115	6.7	5.9			100	7.6	12.3			
01	160	6.0	4.0			137	5.0	6.0			117	4.3	10.0			100	6.3	14.8			
02	160	6.0	4.0			136	4.3	6.3			115	6.1	10.0			96	9.7	10.5			
03	158	6.5	2.0			136	5.9	6.1			113	6.1	8.1			94	8.3	10.1			
04	158	6.2	4.0			136	4.1	6.5			111	6.3	9.8			92	10.1	9.7			
05	159	5.2	3.5			134	4.0	8.1			105	11.8	8.0			88	11.8	14.3			
06	159	5.7	7.5			128	10.1	10.1			93	23.9	8.0			64	35.3	4.0			
07	157	7.0	8.0			126	8.0	12.0			93	22.7	8.1			62	34.0	2.0			
08	156	6.3	9.4			124	8.7	10.0			89	18.9	6.0			61	20.1	3.0			
09	156	4.8	10.3			124	6.0	8.0			87	10.0	6.0			60	9.0	2.0			
10	154	7.3	4.9			124	8.0	8.0			87	9.9	4.0			61	6.9	3.0			
11	155	6.9	4.4			125	8.0	7.0			91	8.8	8.0			62	19.6	4.0			
12	158	5.7	4.0			128	8.0	7.7			91	25.9	5.6			62	38.0	3.6			
13	160	7.8	4.1			133	12.3	8.6			99	25.9	10.7			70	37.9	11.5			
14	162	8.1	3.1			136	13.6	6.1			105	22.0	14.0			81	28.2	19.1			
15	166	4.1	7.1			138	10.1	7.7			111	16.4	12.0			86	18.1	23.6			
16	166	5.1	7.1			138	10.2	4.2			113	15.9	8.1			86	27.4	19.9			
17	166	5.0	7.1			138	10.1	8.2			113	19.9	14.0			84	27.9	20.0			
18	165	6.2	5.5			138	10.6	8.0			113	18.1	12.2			90	29.6	13.3			
19	166	6.2	8.5			140	8.3	8.0			117	16.7	12.2			99	11.1	21.2			
20	164	6.2	8.2			140	6.3	8.0			117	11.7	10.2			101	11.0	9.2			
21	164	6.2	4.5			138	6.3	5.4			117	8.0	9.9			102	9.9	8.0			
22	162	7.1	4.3			138	6.1	7.1			117	9.7	8.3			102	11.7	7.9			
23	162	6.0	4.0			136	8.3	6.8			117	8.6	8.3			102	8.0	8.8			

Hr.	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	8.1	4.1			58	6.0	7.6			40	4.7	4.0			20	4.0	2.0			
01	64	6.0	7.5			56	8.0	4.7			39	6.5	5.0			20	4.0	2.0			
02	62	7.5	6.0			56	9.5	6.3			38	4.7	4.0			20	4.0	1.5			
03	62	8.0	6.0			57	6.5	6.9			36	5.0	4.0			22	2.0	3.5			
04	64	7.7	6.1			58	4.1	7.4			34	4.9	4.1			22	2.0	4.0			
05	64	8.0	5.6			56	4.1	5.9			34	5.9	5.6			22	2.0	4.0			
06	58	7.7	8.1			54	6.0	6.3			40	7.7	2.1			22	4.0	4.0			
07	46	11.7	9.9			46	8.5	8.0			40	8.2	6.1			24	2.0	5.7			
08	42	8.3	8.0			40	8.0	8.0			38	8.9	8.0			24	10.4	4.0			
09	41	7.0	8.9			39	9.1	9.4			34	7.4	6.7			24	5.9	3.9			
10	42	7.8	6.0			34	6.0	6.0			30	11.7	4.0			24	6.0	4.0			
11	42	7.5	7.5			33	6.4	3.5			30	9.7	4.0			26	5.5	6.0			
12	42	8.4	6.0			34	9.8	4.0			34	8.2	7.5			26	14.0	4.0			
13	44	18.0	7.5			40	13.2	10.3			38	9.0	9.5			26	10.0	4.0			
14	44	27.0	6.0			46	16.4	14.0			42	7.0	9.5			28	8.0	2.0			
15	52	25.0	15.5			49	19.0	12.7			44	9.9	9.7			30	7.3	4.1			
16	56	19.0	16.0			54	11.9	13.4			46	9.1	8.1			30	7.8	4.1			
17	63	20.6	19.3			56	11.2	8.1			50	7.1	10.0			32	4.8	4.0			
18	66	10.1	13.9			60	8.9	6.2			48	9.0	4.1			28	11.7	3.9			
19	72	8.0	10.1			62	7.7	7.5			48	7.7	4.1			25	5.2	3.1			
20	72	6.0	7.6			60	7.9	6.0			46	4.1	5.6			22	6.0	2.1			
21	69	7.1	5.1			58	6.9	4.0			42	6.0	4.1			20	4.1	2.0			
22	68	7.5	7.0			58	6.9	5.9			41	4.1	5.6			20	5.5	0.0			
23	66	7.5	6.0			58	7.6	6.3			40	4.1	6.0			20	5.9	0.1			

* 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.