

MONTH-HOUR VALUES OF RADIO NOISE

STATION ENKOPING, SWEDEN

LAT. 59.5 N

LONG. 17.3 E

MARCH

1965

TIME M.F. R.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	150	4.0	2.0	12.0	18.0	115	5.5	2.0	9.5	14.8	101	10.3	8.0	* 9.0	*13.5	103	3.7	7.8	* 2.5	* 3.0
01	150	3.1	3.1	12.5	19.0	115	6.0	2.0	10.5	16.0	105	4.9	6.9	* 6.5	*10.0	105	2.1	11.9	* 1.5	* 1.5
02	150	3.3	2.0	12.0	18.3	115	5.7	3.6	9.5	15.0	107	4.1	8.1			*103			* 2.3	* 2.8
03	150	3.3	2.0	12.5	19.0	115	6.0	4.0	10.8	16.8	107	3.7	11.2	* 5.8	* 9.8	101	5.6	6.1	* 1.8	* 1.8
04	150	2.0	3.1	13.5	19.8	114	7.1	3.0	10.0	16.5	104	5.4	9.1	* 6.8	*11.5	93	4.3	19.4	* 4.0	* 5.0
05	150	2.0	3.3	13.8	21.0	113	4.0	4.0	11.5	17.3	*106			* 6.8	*11.0	79	12.0	4.0	* 1.0	* 1.0
06	148	3.1	4.0	13.5	20.5	107	7.7	4.0	11.0	16.5	97	8.0	9.3	* 4.5	* 8.0	73	14.6	10.3	* 2.0	* 3.0
07	144	4.0	2.0	14.5	22.0	105	6.0	6.0	11.3	15.3	92	8.9	7.3	* 5.5	*10.3	70	5.0	5.0	* 4.0	* 6.0
08	143	3.0	3.0	13.5	20.5	99	9.8	5.7	11.3	15.3	91	10.0	5.3	* 3.5	* 8.5	63	4.3	8.0	* 1.0	* 2.0
09	142	4.0	4.0	13.3	21.0	95	12.1	3.7	*11.0	*15.0	* 97			* 4.3	* 9.3	59			* 1.0	* 1.5
10	141	6.6	3.0	15.0	22.3	93	17.5	2.0	12.5	17.0	89	8.0	6.3	* 4.0	* 9.0	63	2.9	10.0	* 0.5	* 1.0
11	142	6.0	2.0	11.0	17.5	99	14.0	8.7	12.3	16.3	91	8.1	4.1	* 6.5	*10.3	61	4.0	8.0	* 1.5	* 1.5
12	144	4.5	2.0	11.0	17.0	99	13.5	9.5	* 9.3	*13.8	* 94			* 4.5	* 6.8	59	9.1	8.0	* 1.0	* 1.3
13	144	6.0	2.0	8.8	14.8	99	12.0	7.3	10.0	15.5	91	4.3	7.3	* 4.5	* 9.5	63	4.1	4.0	* 1.5	* 2.0
14	146	4.0	4.0	8.5	13.3	101	8.3	10.0	7.5	11.0	93	4.0	4.9	* 5.0	*10.5	59	6.0	4.3	* 1.5	* 2.0
15	146	2.0	2.0	7.5	12.0	100	11.1	7.0	9.0	13.0	91	4.0	6.0			65	16.0	10.9		
16	144	4.0	0.0	7.5	12.5	103	7.6	8.1	9.5	12.5	92	6.3	12.3	* 3.5	* 8.0	73	15.4	7.4	* 0.5	* 1.0
17	144	2.0	2.0	8.0	12.0	106	7.5	8.0	10.5	15.5	91	6.1	9.2	* 5.5	* 9.5	73	16.0	6.0	* 2.5	* 4.5
18	146	2.0	3.1	8.0	12.8	109	4.1	4.1	8.0	13.5	94	11.1	4.2	* 2.5	* 6.0	93	8.1	22.1	* 3.0	* 4.5
19	148	2.0	2.0	8.5	13.5	113	2.0	4.0	7.5	13.3	101	4.0	8.7	* 5.0	* 9.5	97	5.5	17.5	* 1.5	* 3.0
20	148	2.0	2.0	8.0	13.5	114	5.0	5.0	7.5	12.8	104	5.0	6.8	* 6.3	*11.3	101	4.1	9.7	* 2.0	* 2.5
21	148	2.0	2.0	9.0	15.0	115	4.0	5.6	6.8	12.5	107	2.0	8.5	* 7.5	*12.0	99	7.3	8.6	* 2.8	* 3.0
22	150	2.0	2.0	10.0	15.5	115	6.0	4.0	7.0	12.8	104	3.0	7.6	* 6.8	*12.5	99	7.3	5.3		
23	150	2.0	2.0	9.8	15.8	115	5.3	2.0	8.8	13.5	103	7.1	6.0	* 5.0	*11.0	104	3.0	5.4	* 1.5	* 1.5

TIME M.F. R.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	57	6.3	0.1	* 4.3	* 7.3	53	5.4	2.0	* 4.5	* 6.8	37	2.0	6.0	3.0	5.0	21	2.0	0.0	2.0	3.3
01	57	5.0	4.0	* 3.5	* 5.8	58	7.0	10.3	* 4.5	* 6.5	35	5.3	4.0	2.0	3.5	21	3.5	0.0	2.0	3.0
02	57	4.0	4.0	* 4.0	* 6.3	61	4.0	14.9	* 4.3	* 6.8	33	6.0	2.0	2.3	3.5	21	3.1	0.0	2.0	3.0
03	55	4.5	2.0	* 3.0	* 4.5	59	6.0	14.0	* 6.0	* 9.0	33	5.1	2.0	2.5	4.3	22	1.0	1.0	1.5	3.0
04	55	4.0	4.0	* 5.0	* 7.5	57	8.0	11.7	* 4.0	* 6.0	33	5.5	2.0	2.5	3.8	21	2.0	0.0	1.5	3.0
05	53	6.2	2.0	* 4.8	* 6.8	59	4.0	6.3	* 4.0	* 6.5	35	4.0	4.0	2.8	4.5	21	2.0	0.0	1.5	3.0
06	51	4.0	6.0	* 5.5	* 9.0	57	8.4	6.0	* 5.5	* 8.5	37	12.0	4.0	5.0	7.0	21	4.0	0.0	1.5	3.0
07	43	7.9	7.9	* 3.8	* 6.3	46	10.8	7.0	* 7.0	*11.0	47	2.0	9.1	10.0	13.0	23	1.6	2.0	1.5	3.0
08	* 38			* 5.0	* 8.5	41	4.9	6.2	* 5.5	* 8.0	49	4.0	11.1	*10.0	*13.0	23	2.0	2.0	1.5	3.0
09	* 42					* 37			* 4.8	* 6.8	49	2.3	10.3	*12.0	*15.0	23	4.1	2.0	2.0	3.0
10	* 37			* 6.5	* 9.0	35	10.3	3.9	* 2.5	* 4.0	45	6.0	4.0	*14.5	*17.5	27	9.1	6.0	* 2.3	* 3.5
11	* 39					33	10.2	4.0	* 2.5	* 4.0	47	3.5	8.0	*10.3	*13.5	25	11.1	3.1	* 3.3	* 5.3
12	39	12.3	2.6	* 1.5	* 3.5	35	8.0	8.3	* 1.5	* 3.5	45	7.3	6.1	* 8.0	*11.0	23	2.7	2.0	* 1.8	* 3.0
13	* 41					34	15.1	5.1	* 4.0	* 4.0	* 47			* 8.3	*11.8	23	2.2	2.0	2.5	4.0
14	43	16.6	7.9	* 5.5	* 8.5	35	14.2	6.0			47	4.5	3.9	* 4.3	* 9.3	23	4.0	2.0	2.0	3.8
15	41	12.4	8.0	* 3.8	* 6.5	37	5.1	4.0	* 3.8	* 5.8	* 47			* 3.3	* 6.3	23	3.6	2.0	1.5	3.5
16	43	11.1	6.0	* 5.0	* 8.0	53	6.0	0.9	*10.5	*14.5	51	2.0	2.0	* 9.5	*13.0	21	4.0	0.0	1.3	2.8
17	47	12.3	6.3	* 8.0	*11.0	59	4.0	10.7	* 9.0	*11.5	51	1.7	9.0	* 5.0	* 7.3	21	3.1	1.1	1.0	2.5
18	53	5.9	4.1			63	2.0	8.4	* 8.0	*11.0	51	2.0	10.9	* 6.0	* 8.5	21	2.0	2.0	1.0	2.5
19	57	3.9	4.1	* 3.3	* 5.5	63	4.7	6.0	* 8.0	*12.5	45	4.9	6.9	* 4.0	* 6.5	21	2.0	2.0	1.0	2.5
20	57	2.3	6.0	* 3.0	* 5.3	63	6.0	6.0	* 7.0	* 9.0	42	3.2	9.0	3.5	5.0	21	2.0	2.0	1.0	2.5
21	57	4.0	4.0	* 5.0	* 6.3	63	4.0	7.0	* 5.0	* 7.5	39	6.0	8.0	3.5	6.0	21	2.0	0.0	0.5	2.5
22	57	6.3	2.3	* 4.5	* 7.0	61	4.0	8.0	* 7.3	* 9.5	39	4.0	6.0	2.5	5.0	21	2.0	2.0	* 1.0	* 2.5
23	57	4.0	2.2	* 4.0	* 6.0	55	6.0	4.0	4.0	7.0	37	4.0	4.0	2.5	4.0	21	2.0	0.0	1.3	2.8

* 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.

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STATION ENKOPING, SWEDEN

LAT. 59.5 N

LONG. 17.3 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	149	1.6	2.0	8.0	13.5	117	3.7	5.6	7.5	13.0	101	6.3	6.0	* 7.8	* 11.5	* 98				
01	149	0.1	2.0	9.0	15.5	117	3.6	4.0	7.8	12.5	103	7.3	8.0	* 5.0	* 8.5	* 100				
02	149	0.1	2.0	10.5	16.3	117	3.6	4.1	9.5	15.0	103	6.3	4.0	* 4.0	* 8.0	* 96			* 1.3	* 1.5
03	149	2.0	2.0	9.5	15.0	115	4.1	2.0	* 10.0	* 15.0	* 101			* 2.0	* 5.0	* 71			* 1.0	* 2.0
04	149	2.0	2.0	10.5	17.0	111	4.0	4.0	9.5	15.0	* 85					* 64			* 1.5	* 2.5
05	147	2.0	2.1	12.0	18.5	107	4.3	6.3	12.0	17.0	81	12.3	4.3	* 3.5	* 7.0	60	15.1	3.6	* 2.0	* 2.5
06	145	0.2	2.2	11.3	17.5	101	5.7	6.1	* 10.3	* 14.8	89	6.2	11.1	* 6.0	* 9.0	60	6.1	5.7	* 1.0	* 3.3
07	143	3.7	2.0	10.0	16.0	99	4.0	6.2	* 11.5	* 16.0	89	8.0	8.6	* 6.5	* 10.5	60	6.0	4.0	* 3.0	* 4.0
08	143	2.2	2.0	10.5	16.0	99	6.3	6.0	11.3	15.8	91	8.1	8.1	* 3.8	* 9.0	58	6.0	6.1	* 1.0	* 1.5
09	143	2.0	2.0	10.0	16.0	102	6.9	7.1	* 12.8	* 18.0	* 93			* 3.3	* 6.8	* 56			* 3.8	* 5.8
10	143	4.0	2.0	10.3	15.5	105	8.1	7.9	* 13.3	* 18.8	90	3.1	8.7	* 3.0	* 7.0	62	5.5	7.7	* 2.0	* 3.0
11	145	4.5	4.0	* 11.0	* 16.0	107	11.4	8.0	15.3	21.3	* 91			* 1.5	* 4.5	58	5.6	3.6	* 1.3	* 2.3
12	147	6.0	4.0	10.5	15.8	113	9.1	11.1	* 15.0	* 21.0	92	7.7	6.9	* 7.8	* 12.0	58	8.0	2.0	* 3.3	* 4.0
13	149	4.7	6.0	11.5	16.5	115	8.0	14.0	* 14.3	* 21.0	91	6.2	6.0	* 10.0	* 15.5	58	8.6	6.0	* 4.0	* 6.0
14	149	6.0	4.0	10.3	14.8	113	10.3	12.0	15.0	21.0	91	6.0	7.2	* 8.0	* 12.0	60	5.5	6.0	* 1.5	* 2.3
15	149	5.6	4.0	9.0	13.0	109	15.9	10.0	15.5	21.5	89	8.6	7.3	* 10.8	* 15.0	60	6.3	5.8	* 3.0	* 4.8
16	149	5.6	4.0	9.0	13.0	108	14.7	10.6	* 17.0	* 22.5	89	11.5	6.0	* 7.0	* 12.0	61	9.9	5.0	* 1.5	* 2.0
17	147	4.1	3.6	8.5	12.8	110	11.1	7.2	15.0	21.0	88	11.2	5.0	* 7.0	* 11.0	* 62			* 5.0	* 6.5
18	147	2.0	4.0	8.0	12.5	111	6.4	4.0	12.5	17.5	91	8.0	6.7	* 5.0	* 7.0	70	13.1	9.1	* 3.0	* 4.5
19	147	2.0	2.0	8.0	12.0	113	4.2	3.9	10.8	15.5	95	4.0	6.7	* 8.0	* 11.0	88	9.7	11.8		
20	147	2.1	2.0	8.0	12.0	117	4.0	3.6	8.5	14.5	99	6.0	4.9	* 6.0	* 9.0	* 94				
21	147	2.0	2.0	8.0	12.5	117	5.7	2.1	8.8	14.3	104	6.3	8.3	* 4.3	* 7.5	* 96	10.3	7.9	* 3.0	* 3.0
22	147	2.1	0.0	7.0	12.0	117	4.1	3.6	8.0	13.0	101	8.0	5.5	* 6.0	* 11.0	* 98			* 2.3	* 3.3
23	149	2.0	2.0	8.0	13.5	117	5.6	3.6	7.8	12.8	103	5.7	3.9	* 4.0	* 8.5	* 98	8.0	9.5	* 8.0	* 9.0

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	59	7.1	4.0	* 4.5	* 8.5	57	4.3	4.6	* 3.5	* 6.3	36	4.0	2.5	4.0	6.0	23	0.0	4.0	1.0	3.0
01	58	3.0	5.0	* 4.0	* 6.5	55	4.0	2.1	* 3.5	* 6.3	34	4.0	2.0	2.5	4.3	23	0.0	4.0	1.0	2.5
02	58	6.3	1.0	* 4.8	* 7.8	* 55			* 5.0	* 7.5	34	4.0	2.0	3.0	5.0	21	2.0	2.0	1.5	3.0
03	57	3.6	4.0	* 3.8	* 6.8	* 55			* 5.5	* 7.5	32	6.0	2.0	2.5	4.5	21	2.0	2.2	1.5	3.0
04	55	5.6	3.6	* 6.5	* 10.0	51	5.7	2.1	* 4.5	* 7.3	34	6.0	2.0	2.0	3.5	21	2.0	2.1	1.5	3.0
05	44	10.8	5.0	* 5.0	* 7.5	48	6.3	6.3	* 3.0	* 6.0	36	2.0	0.0	2.5	4.5	23	0.0	4.2	1.5	3.0
06	39	6.2	4.2	* 5.0	* 7.5	43	6.4	5.7	* 5.5	* 8.0	* 42			* 8.5	* 12.5	23	0.0	4.0	1.5	3.3
07	* 35					* 38					* 40			* 2.5	* 4.3	23	2.0	4.0	1.5	3.3
08	* 33			* 4.5	* 6.5	* 35			* 7.5	* 9.5	* 42			* 5.0	* 7.5	22	4.3	3.0	2.0	3.5
09	* 39					* 33			* 5.8	* 8.0	* 36			* 7.5	* 10.0	* 23			* 1.5	* 3.0
10	* 38			* 6.0	* 8.0	* 33			* 6.5	* 9.5	* 39			* 11.5	* 13.5	23	6.1	2.0	2.3	4.3
11	* 37			* 4.0	* 6.5	* 31			* 5.5	* 8.0	* 43			* 10.0	* 15.5	23	5.5	2.0	* 1.8	* 3.5
12	* 39			* 4.5	* 7.0	35	8.3	4.2	* 7.0	* 9.0	38	7.7	6.0	* 5.5	* 6.8	25	3.3	2.0	2.5	4.0
13	* 38			* 3.8	* 5.8	* 36			* 6.8	* 10.0	44	4.0	4.3	* 9.0	* 11.5	23	4.0	2.0	2.0	4.0
14	* 38			* 6.5	* 10.0	41	8.3	9.9	* 7.0	* 10.5	* 46			* 6.3	* 10.5	23	2.0	2.0	2.5	4.0
15	* 39			* 2.0	* 4.0	43	8.3	8.1	* 9.0	* 11.5	46	3.3	5.3	* 8.5	* 11.8	23	2.0	2.0	2.0	4.0
16	* 40			* 7.5	* 13.5	47	5.8	7.4	9.5	12.8	* 48			* 5.0	* 7.8	23	2.0	2.0	2.5	4.0
17	* 45			* 8.8	* 13.8	51	8.4	5.5	8.0	11.5	48	4.0	5.8	7.5	11.0	23	2.0	2.0	2.5	3.5
18	51	11.3	8.6	* 4.8	* 7.0	55	6.3	6.3	* 8.0	* 11.0	* 46			* 5.8	* 8.8	23	2.0	2.3	1.5	3.5
19	55	2.8	8.0	* 2.3	* 5.0	57	5.8	3.9	5.8	8.3	* 48			* 6.8	* 10.0	23	1.9	2.0	1.5	3.0
20	57	6.0	4.0	* 3.5	* 5.8	* 59			* 7.0	* 9.0	46	4.0	5.7	* 3.5	* 5.5	21	2.0	0.0	1.0	2.8
21	57	5.7	2.1	* 5.0	* 8.0	* 59			* 5.0	* 8.5	44	4.0	6.6	4.0	5.5	21	2.2	0.0	1.3	3.0
22	61			* 5.0	* 8.0	* 57			* 6.0	* 8.5	40	4.0	2.9	* 3.0	* 5.0	23	0.0	2.0	1.5	2.5
23	59	4.0	4.0	* 2.5	* 5.0	* 57			* 4.5	* 7.0	38	4.7	4.0	2.8	5.0	22	1.0	1.0	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_{am} = median value of effective antenna noise in db above ktb.

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STATION ENKOPING, SWEDEN

LAT. 59.5 N

LONG. 17.3 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	152	2.0	4.0	9.5	16.0	123	6.0	7.5	11.3	16.8	107	3.3	5.3	* 9.0	*13.0	97	4.1	5.6	* 4.0	* 4.0
01	152	2.0	4.0	10.0	16.0	123	4.0	8.0	13.0	19.0	107	6.9	6.0	* 6.0	*10.3	94	9.1	15.8	* 1.0	* 1.0
02	152	2.0	4.0	10.0	16.5	119	6.0	4.0	12.8	18.5	107	6.1	5.7	* 7.5	*12.0	69	11.5	5.5	* 4.3	* 5.0
03	152	2.0	6.0	11.0	17.3	113	7.5	4.0	12.0	18.0	93	12.3	14.3	* 8.0	*14.0	63	4.4	5.7	* 4.8	* 5.5
04	150	2.0	5.3	11.0	18.0	111	10.1	7.6	12.0	18.0	79	11.6	7.6	*10.5	*13.3	57	8.6	4.0	* 5.0	* 6.5
05	148	3.3	6.0	13.5	20.3	107	11.5	11.0	12.5	17.0	79	9.0	6.0	* 4.3	* 7.5	57	4.0	2.3	* 5.3	* 7.0
06	146	4.0	5.0	12.5	19.0	105	10.0	9.5	13.8	18.5	85	5.7	4.3	* 7.3	*12.0	57	4.7	4.0	* 3.3	* 4.5
07	146	4.0	4.0	13.3	19.8	105	9.9	9.7	*13.0	*17.0	83	7.5	9.0	* 7.5	*12.5	57	2.1	2.1	* 3.0	* 4.5
08	146	4.0	3.3	13.0	19.0	106	9.4	7.0	16.5	22.3	83	8.0	6.3	* 2.0	* 6.0	55	6.0	4.0	* 3.8	* 5.0
09	148	2.1	5.7	13.0	19.3	111	9.3	10.0	15.0	21.5	85	7.7	5.7	* 6.3	*10.0	* 57			* 3.3	* 2.8
10	150	2.9	4.9	10.0	16.0	114	9.0	5.0	15.0	22.0	87	4.0	5.5	* 7.3	*11.0	58	4.9	5.2	* 5.0	* 6.0
11	152	4.2	4.4	12.5	17.8	117	10.5	6.5	15.0	21.5	87	8.2	5.1	* 6.5	*11.0	57	9.8	5.3	* 5.0	* 6.5
12	153	5.0	3.9	11.5	17.0	121	8.7	8.0	14.5	20.5	89	12.0	5.1	* 8.8	*12.5	57	8.2	4.0	* 2.0	* 4.0
13	154	4.3	4.0	11.5	17.0	123	6.0	7.9	13.3	19.3	89	10.5	8.0	* 7.8	*12.5	59	4.0	4.5	* 6.0	* 8.0
14	156	3.7	6.0	11.3	16.0	125	4.0	11.6	12.5	18.5	91	8.0	8.0	*11.8	*15.0	57	7.0	2.0	* 3.5	* 5.0
15	156	2.0	6.0	10.0	14.8	123	6.0	10.0	12.8	19.3	89	9.5	8.0	7.0	13.0	57	4.1	2.1	2.5	4.3
16	156	3.1	6.0	9.5	15.0	123	6.0	13.1	13.3	18.3	90	8.6	7.1	8.5	13.0	58	5.1	3.0	2.3	3.8
17	154	4.0	6.0	10.5	15.5	121	8.0	11.1	15.0	21.5	89	6.5	8.0	* 8.3	*13.5	61	4.0	4.0	* 2.5	* 4.0
18	152	5.1	4.0	10.5	15.0	121	7.3	12.6	15.0	21.8	89	4.0	8.6	7.5	12.0	63	4.0	4.0	* 2.5	* 4.3
19	152	4.0	6.0	9.0	14.0	119	6.0	11.1	11.5	18.0	88	7.0	4.3	7.5	11.5	69	6.0	4.0	3.0	4.0
20	152	3.1	4.0	8.5	13.5	117	6.0	4.0	12.0	17.0	97	6.0	5.5	* 7.3	*12.8	81	6.2	3.9	* 1.5	* 1.5
21	152	4.0	5.1	9.0	14.0	121	7.5	6.0	12.0	17.8	105	3.0	6.5	* 9.5	*14.0	91	6.0	6.0	* 3.0	* 3.5
22	150	6.0	4.0	9.0	14.5	121	10.0	6.0	11.0	16.5	107	4.0	6.0	8.5	12.5	93	6.3	10.6	* 2.5	* 2.5
23	152	4.0	6.0	9.0	14.0	123	8.0	8.0	12.8	18.0	108	3.5	5.0	* 4.3	*10.5	97	4.0	9.3	* 2.0	* 2.0

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	58	10.0	2.0	4.5	9.0	57	5.9	4.0	* 7.8	*11.5	42	6.1	6.1	5.3	8.5	22	0.0	2.0	1.0	2.5
01	57	7.5	3.5	* 2.8	* 7.8	55	6.0	4.0	* 5.0	* 8.5	38	8.0	4.0	4.5	6.5	22	0.0	2.0	1.0	2.5
02	56	8.1	4.0	5.8	9.5	55	4.0	3.3	8.0	11.5	38	6.0	5.5	4.0	6.5	20	2.0	0.0	1.0	2.5
03	53	5.1	5.0	4.0	7.0	53	4.0	2.7	5.5	8.5	38	6.1	6.0	3.5	5.0	20	2.0	0.0	1.5	3.0
04	44	7.7	4.0	* 4.0	* 7.5	49	3.1	4.0	* 4.8	* 7.8	40	4.0	8.0	* 3.3	* 5.5	20	2.0	0.0	1.0	2.5
05	36	8.0	4.0	*10.8	*14.5	45	4.1	6.0	* 7.5	*10.5	* 38			* 1.5	* 3.5	20	2.0	0.0	1.5	2.8
06	34	4.9	4.9	* 6.0	* 7.5	37	7.1	2.2	* 5.5	* 7.8	* 42	5.3	3.3	* 5.5	* 7.8	22	1.6	2.0	1.5	3.0
07	34	16.3	4.0	* 4.0	* 9.5	37	6.0	4.7	* 3.5	* 6.0	* 42			* 6.5	* 9.5	22	3.7	2.0	1.5	3.0
08	34	14.0	2.3	* 8.0	*12.5	33	8.0	2.0	* 4.3	* 5.8	* 40					22	4.0	2.0	1.5	3.0
09	* 36			* 4.3	* 6.8	33	2.1	4.3	* 4.0	* 6.0	* 40					22	7.0	2.0	2.0	3.5
10	* 34			* 4.0	* 6.0	34	6.7	6.8	6.5	9.5	* 42			* 8.0	*11.8	22	10.0	2.0	2.0	4.0
11	34	13.9	2.2	* 3.5	* 6.0	33	9.1	4.0	* 6.3	* 9.0	* 45			* 1.5	* 2.5	22	5.5	0.0	* 2.3	* 4.0
12	* 34			* 3.0	* 5.0	37	7.0	8.0	5.5	9.0	40	4.0	8.0	5.0	8.5	22	3.3	2.0	2.0	4.0
13	36	12.6	4.3	* 3.3	* 5.0	37	3.6	5.7	* 5.5	* 9.0	42	4.0	8.7	5.5	9.3	22	4.0	2.0	2.0	3.5
14	34	10.0	2.0	* 5.3	* 6.8	41	2.0	7.1	6.5	10.0	44	4.0	3.1	6.0	10.0	22	5.5	2.0	1.5	3.0
15	34	17.1	4.3	* 2.5	* 4.5	41	4.0	4.9	6.0	10.0	44	4.0	4.1	5.0	9.0	22	3.7	2.0	* 1.8	* 3.8
16	38	10.0	4.0	* 3.0	* 6.0	43	6.5	4.0	6.5	10.5	47	3.5	7.5	6.3	9.8	22	4.0	2.0	2.0	3.5
17	40	15.5	3.5	* 3.8	* 6.5	47	5.9	2.0	7.0	10.5	50	2.0	5.3	4.5	8.5	22	4.0	2.0	2.0	3.3
18	44	9.7	4.1	* 5.5	*10.0	51	4.1	5.7	6.0	10.5	50			6.0	10.0	22	4.1	0.0	1.8	3.5
19	52	8.2	7.1	* 6.0	* 9.5	55	4.1	2.0	6.5	10.0	50	2.5	6.0	* 5.5	* 8.8	24	2.1	2.1	2.0	3.5
20	56	6.0	4.9	* 4.5	* 9.0	59	2.0	4.0	* 7.8	*11.3	50	4.7	4.0	6.0	9.8	22	2.0	0.0	1.5	3.5
21	58	6.7	2.0	* 5.5	* 9.3	61	4.0	4.0	* 5.5	* 9.5	50	4.0	6.2	* 4.0	* 7.0	22	2.0	0.0	1.0	3.0
22	60	10.0	6.0	4.0	9.0	59	5.6	2.1	* 6.8	*10.8	48	4.0	8.0	* 4.5	* 8.0	22	0.0	0.0	1.5	3.0
23	58	12.0	4.0	5.5	8.5	59	6.2	4.2	* 7.5	*12.0	42	8.7	4.7	* 3.0	* 6.5	22	0.0	2.0	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 FRONT ROYAL, VA.

LAT. 38.8 N

LONG. 78.2 W

MARCH 1965

TIME M. I.	FREQUENCY (Mc)																			
						.135					.5									
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}					
00											106	10.7	6.5			86	14.0	7.1		
01											105	11.6	4.5			86	13.0	8.1		
02											106	10.0	6.5			84	15.6	6.0		
03											105	11.0	8.5			84	12.5	8.1		
04											101	11.5	5.0			82	14.0	7.5		
05											100	13.6	6.0			78	17.0	8.0		
06											96	8.0	7.0			68	12.2	5.0		
07											92	8.6	6.0			62	5.5	3.0		
08											91	10.1	5.0			58	4.0	3.0		
09											92	11.1	6.0			58	4.0	2.0		
10											92	12.0	5.5			60	2.0	4.0		
11											91	12.2	4.5			58	5.5	2.0		
12											91	12.6	5.1			60	4.0	2.5		
13											92	11.0	6.1			61	3.0	4.0		
14											92	11.1	6.0			60	4.0	2.0		
15											92	9.0	5.1			61	3.5	3.0		
16											92	7.6	5.0			63	3.5	3.5		
17											94	7.1	7.0			63	3.5	2.0		
18											97	10.5	7.0			72	13.0	5.0		
19											102	12.0	9.5			81	13.0	6.5		
20											105	12.0	8.0			85	13.2	7.5		
21											103	13.0	4.0			86	12.6	7.0		
22											105	11.0	5.5			87	12.1	7.1		
23											105	11.0	5.5			86	13.2	7.5		

TIME M. 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	71	7.5	7.3			59	7.5	6.0			38	2.0	2.0			26	1.0	1.0		
01	71	7.3	6.3			58	8.1	5.5			38	1.0	2.0			26	1.0	1.0		
02	71	6.7	5.6			56	10.6	3.0			38	1.0	2.0			26	1.0	0.0		
03	71	7.7	5.9			56	9.1	4.5			38	1.0	1.0			26	1.5	0.0		
04	70	6.1	7.7			57	10.5	4.5			36	1.0	1.0			25	0.5	1.0		
05	65	10.0	7.0			57	12.0	5.0			36	2.0	1.0			25	0.5	1.0		
06	60	9.2	8.0			56	10.1	6.1			38	5.6	2.0			24	1.0	0.0		
07	51	8.5	7.5			52	6.0	6.6			41	4.4	4.1			25	0.0	1.0		
08	45	7.5	4.5			46	5.5	6.0			42	4.3	3.0			28	0.5	1.0		
09	41	6.5	3.5			43	5.1	4.0			40	5.0	2.0			28				
10	38	5.5	3.0			39	6.1	2.5			39	4.0	3.0			28	1.0	1.0		
11	37	5.6	3.0			37	5.6	2.6			39	6.0	3.0			27	1.5	1.0		
12	34	5.1	3.0			36	7.0	3.0			40	7.5	4.0			27	1.0	1.0		
13	35	4.5	4.0			37	5.6	3.0			40	5.0	4.0			27	1.0	1.0		
14	35	6.0	2.5			39	4.5	4.0			42	2.5	5.0			27	2.0	1.0		
15	37	7.0	3.0			40	7.5	3.0			44	3.1	4.5			27	2.0	1.0		
16	42	6.5	4.0			45	8.5	2.0			46	5.1	3.5			26	2.0	1.0		
17	50	7.5	6.5			54	6.1	6.0			47	5.0	1.6			26	1.0	1.0		
18	61	8.8	5.9			61	4.5	7.1			47	6.0	2.5			26	1.0	1.0		
19	66	8.9	5.0			64	5.5	8.0			45	7.0	3.0			25	1.5	0.0		
20	68	9.9	4.9			63	6.0	7.7			41	4.1	2.5			25	1.0	0.0		
21	69	8.6	6.4			60	8.1	5.1			40	2.0	3.0			25	1.0	0.0		
22	70	8.0	6.1			60	8.5	4.0			39	4.1	2.0			26	1.0	1.0		
23	71	6.9	6.9			60	7.6	4.6			39	2.0	2.5			26	1.0	1.0		

* 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 FRONT ROYAL, VA.

LAT. 38.8 N

LONG. 78.2 W

APRIL

1965

H R.	FREQUENCY (Mc)																			
						.135					.5									
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}					
00											114	11.2	10.6			91	8.7	4.1		
01											113	10.9	9.6			91	11.9	7.6		
02											114	11.3	11.0			92	10.6	7.9		
03											114	9.6	9.6			92	12.0	8.3		
04											114	8.8	11.8			89	11.3	9.9		
05											109	12.2	12.6			79	12.6	12.6		
06											102	14.3	12.3			66	18.3	5.5		
07											99	14.5	10.5			61	18.6	3.6		
08											98	12.9	9.0			61	10.7	4.0		
09											98	11.1	10.4			62	8.5	5.0		
10											97	11.1	8.1			61	6.6	3.6		
11											97	13.0	7.0			62	8.2	4.0		
12											99	10.6	9.0			62	8.6	3.6		
13											99	9.5	8.5			62	10.3	3.6		
14											99	9.5	8.5			63	8.6	4.0		
15											98	12.0	7.6			63	12.6	4.0		
16											98	11.1	8.8			63	11.3	4.0		
17											97	14.1	9.1			62	16.3	3.5		
18											100	14.1	10.4			69	12.0	8.0		
19											106	11.3	10.3			78	8.0	9.6		
20											110	10.3	12.3			86	10.3	10.3		
21											112	10.6	13.0			89	8.0	10.0		
22											114	9.6	11.6			91	7.9	8.0		
23											114	9.0	8.6			92	6.5	10.1		

H 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	79	5.3	10.1			65	7.0	5.0			40	3.6	2.6			24	1.0	1.0		
01	79	5.0	7.8			65	5.7	5.0			40	3.0	2.0			24	1.6	1.0		
02	78	5.5	11.2			65	4.7	7.7			39	4.0	1.6			24	1.6	1.0		
03	79	6.0	10.2			66	4.7	9.2			39	4.0	1.6			24	2.0	1.0		
04	78	6.0	9.2			63	5.7	11.0			39	4.0	1.0			24	1.0	1.0		
05	69	11.7	8.0			61	7.5	7.7			40	4.0	2.0			24	1.0	1.0		
06	59	10.7	10.7			57	9.7	10.7			44	3.0	3.0			24	1.0	1.0		
07	54	7.2	9.7			52	9.5	11.0			43	5.0	3.7			24	1.0	1.0		
08	45	7.7	6.0			43	8.7	10.7			41	5.6	3.6			26	1.7	0.0		
09	40	8.7	2.7			38	10.0	9.0			40	4.5	3.5			26	1.0	1.0		
10	38	3.8	4.1			34	10.6	6.6			39	4.6	4.0			26	1.0	1.0		
11	38	4.9	4.6			33	9.3	6.0			38	4.1	4.1			25	2.0	0.0		
12	33	6.3	4.0			35	9.6	4.6			40	3.0	5.0			23	1.0	1.0		
13	34	5.9	4.0			35	8.5	4.5			42	4.9	6.6			23	1.0	1.0		
14	34	6.6	3.0			37	9.6	4.6			42	5.4	5.8			23	1.0	1.0		
15	35	7.9	3.6			40	10.5	5.5			43	5.4	3.5			23	1.6	1.0		
16	42	10.1	3.5			46	9.3	8.0			45	4.6	4.3			26	1.0	2.0		
17	48	11.6	4.6			52	9.6	7.6			47	5.3	4.6			26	1.6	1.6		
18	64	5.6	9.0			60	7.3	7.6			49	3.6	4.0			26	2.0	1.0		
19	72	8.0	10.6			63	8.5	6.1			49	5.0	4.0			26	2.0	1.0		
20	76	6.5	11.1			67	9.6	7.0			47	8.6	2.0			24	1.6	1.0		
21	78	5.6	12.6			68	8.0	8.6			44	8.5	2.5			24	1.0	1.0		
22	77	6.5	11.1			67	8.0	8.3			42	6.3	3.6			24	1.0	1.6		
23	78	6.0	10.6			66	7.9	8.3			40	5.5	3.5			24	1.0	1.0		

* 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 FRONT ROYAL, VA.

LAT. 38.8 N

LONG. 78.2 W

MAY

1965

H. R. L. S. T.	FREQUENCY (Mc)																			
						.135					.5									
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}					
00											115	5.8	9.8			91	5.5	8.5		
01											115	5.6	9.6			90	7.0	9.0		
02											114	5.5	9.8			90	5.6	9.5		
03											114	5.0	10.6			89	6.5	10.1		
04											112	3.6	11.5			81	10.5	13.2		
05											100	10.5	11.1			63	7.0	4.0		
06											95	13.1	8.5			60	8.1	3.0		
07											94	13.0	6.6			60	6.0	3.0		
08											95	13.1	6.5			61	7.5	2.0		
09											97	10.3	7.6			61	5.1	2.0		
10											96	11.1	6.1			62	4.5	3.0		
11											97	11.5	7.0			63	13.0	3.5		
12											103	20.3	10.6			68	26.3	3.5		
13											107	18.3	13.5			70	26.1	5.5		
14											108	20.4	13.0			73	31.5	7.5		
15											108	23.7	10.7			74	30.5	8.5		
16											109	20.0	13.2			75	30.1	11.0		
17											112	16.6	17.9			80	22.2	16.0		
18											110	16.1	16.8			78	18.5	15.0		
19											109	12.7	13.8			83	10.5	17.0		
20											112	9.3	7.6			87	10.5	12.1		
21											115	6.8	6.1			90	9.0	7.2		
22											116	6.1	6.5			91	7.0	6.6		
23											117	4.6	9.6			91	7.0	8.5		

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	73	8.5	8.5			67	5.0	7.5			40	4.7	3.7			24	1.5	0.0		
01	72	8.5	9.0			65	5.5	7.5			40	4.0	4.0			24	2.0	0.0		
02	71	8.5	7.5			65	5.0	8.9			38	5.7	3.0			24	1.5	0.0		
03	70	9.5	6.2			63	5.5	9.5			37	5.6	2.6			24	1.5	0.5		
04	68	7.5	6.6			64	5.6	8.0			39	4.0	2.5			24	1.5	0.0		
05	54	8.0	5.0			60	3.5	6.4			40	4.0	3.0			24	1.5	1.0		
06	48	7.6	4.5			53	6.5	7.1			42	4.0	3.0			24	2.0	0.5		
07	43	6.0	3.5			47	7.6	7.6			42	3.5	4.0			24	2.0	0.5		
08	45	5.0	2.0			39	6.5	3.5			40	3.0	3.5			24	2.0	1.0		
09	43	4.0	2.5			36	6.5	4.5			38	3.6	3.0			24	3.0	1.0		
10	42	5.0	2.0			34	9.5	3.0			36	5.0	2.0			24	2.0	1.0		
11	44	8.6	4.0			33	12.8	4.0			36	6.6	2.0			24	2.0	1.0		
12	43	18.6	5.0			36	17.2	7.0			36	7.0	3.0			24	1.6	1.0		
13	43	20.4	5.1			40	12.5	10.0			39	4.0	4.0			24	3.0	1.0		
14	45	23.6	6.5			41	17.5	10.0			41	5.0	4.1			24	4.0	1.0		
15	48	22.5	9.5			44	15.5	10.1			43	4.0	3.5			25	3.5	1.5		
16	48	23.5	8.5			52	13.1	11.6			42	3.0	3.0			26	3.0	3.0		
17	54	19.0	12.0			59	7.0	15.1			45	4.6	3.6			26	3.0	2.0		
18	60	11.0	13.5			63	6.5	11.0			46	7.3	4.0			26	3.0	2.0		
19	66	9.0	11.6			67	6.5	8.1			48	6.8	4.0			26	4.0	2.0		
20	72	10.5	9.1			69	7.0	6.0			50	5.8	6.2			26	2.5	2.0		
21	73	10.1	7.5			69	7.0	3.6			47	4.0	5.8			25	1.0	1.0		
22	73	9.5	6.0			69	6.0	6.5			43	6.0	5.0			25	1.0	1.0		
23	74	7.0	7.5			68	6.0	7.0			42	5.0	5.0			25	0.5	1.0		

* 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 KEKAHA, HAWAII

LAT. 22.0 N

LONG. 159.7 W

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	151	5.0	1.0	11.0	17.0	126	7.3	4.0	12.3	18.8	108	8.6	9.3	9.5	17.5	86	13.8	9.3	11.5	21.5
01	152	4.6	3.3	11.5	18.5	127	9.6	3.0	11.0	16.5	106	12.0	4.0	10.0	17.3	86	15.8	7.3	* 7.0	*13.0
02	152	4.0	2.0	11.5	18.5	128	7.3	2.0	11.3	18.0	108	8.0	7.3	9.5	17.3	88	7.8	8.0	9.5	18.0
03	152	4.0	2.0	12.5	18.8	128	7.3	3.3	12.0	18.3	106	10.0	6.0	8.8	15.3	87	9.0	9.0	* 9.5	*15.5
04	152	5.3	2.0	13.0	20.0	130	5.3	4.0	12.0	19.8	107	7.6	7.0	9.5	16.0	86	8.0	9.3	9.3	15.8
05	154	3.3	3.3	13.0	19.5	130	4.0	5.5	12.8	21.0	106	8.0	8.0	10.3	19.5	84	15.3	12.0	*10.0	*18.0
06	154	6.6	4.0	12.5	19.0	128	5.3	4.0	13.0	20.0	99	13.0	7.0	11.0	17.0	71	21.6	6.3	* 9.5	*14.5
07	152	4.0	2.0	11.5	17.5	120	13.8	4.0	11.5	17.5	86	26.4	11.3	11.8	20.8	60	34.6	4.0	* 7.0	*10.0
08	150	5.3	2.0	11.0	17.5	113	18.7	5.0	12.3	19.3	82	33.3	14.0	10.0	16.3	58	34.0	8.0	*10.5	*20.5
09	150	4.0	2.0	12.0	18.5	110	19.3	10.0	*16.5	*24.5	85	21.6	15.6	* 8.8	*15.3	58	23.1	10.0	* 7.8	*11.5
10	150	4.0	3.3	12.0	19.0	114	12.0	13.5	*13.0	*20.5	88	13.5	23.5	11.3	19.5	56	27.0	8.0	5.8	9.3
11	150	7.3	4.0	11.0	18.3	118	12.6	16.0	14.0	21.5	85	26.4	20.6	*11.5	*21.5	56	29.0	8.1	*11.0	*21.5
12	150	6.0	4.0	11.5	19.0	115	14.8	12.3	13.0	21.5	86	25.0	21.5	*11.5	*19.8	53	33.6	5.0	* 7.3	*10.8
13	150	6.0	4.0	12.0	19.5	115	19.9	12.6	*12.0	*18.8	82	31.1	17.7	*11.0	*18.5	56	34.1	6.1	* 5.8	*10.3
14	150	4.5	5.9	13.5	22.0	118	7.3	16.0	*15.5	*24.5	82	19.7	15.9	*14.3	*22.5	56	33.2	7.7	* 7.5	*12.0
15	150	5.4	4.0	13.5	22.5	116	13.8	13.5	16.3	24.0	82	28.6	14.2	*13.3	*20.8	56	34.1	8.0	* 6.3	*12.0
16	149	5.3	4.6	13.0	21.0	110	24.7	10.0	17.3	25.3	82	31.2	16.1	*10.3	*18.0	56	31.5	7.7	* 5.3	* 8.3
17	148	7.3	3.3	13.0	21.0	105	24.3	8.3	12.5	19.5	82	25.3	16.6	12.5	18.5	58	29.0	7.3	6.0	10.5
18	148	9.3	4.0	13.5	21.0	113	15.6	13.0	* 7.3	*11.3	90	20.6	14.0	*10.8	*22.3	72	17.3	10.0	* 7.5	*12.3
19	148	8.0	4.0	11.0	20.3	116	17.3	8.0	13.0	22.0	93	22.3	10.3	*14.5	*24.3	80	20.0	11.3	9.0	16.5
20	150	9.3	5.3	11.0	20.0	120	15.3	8.0	14.5	22.0	100	17.3	11.3	11.0	20.0	85	17.6	13.6	*13.0	*25.5
21	150	8.0	3.3	11.3	18.5	120	17.3	7.3	11.3	17.3	103	17.6	9.0	11.5	19.5	84	20.6	8.0	10.0	18.3
22	151	6.3	3.0	11.8	19.0	123	12.3	6.3	*12.8	*21.3	104	13.3	9.3	10.8	20.0	87	14.3	11.0	*11.3	*19.5
23	152	5.3	4.0	12.0	18.0	124	12.6	4.0	13.0	20.0	104	13.8	7.3	9.5	17.5	86	17.8	8.0	8.5	17.5

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	10.2	6.0	7.8	11.3	54	4.2	6.0	* 5.5	* 8.5	41	3.1	6.0	* 4.0	* 6.3	26	4.0	2.0	1.5	3.0
01	61	11.1	7.1	7.8	12.8	54	9.1	7.1	4.5	7.0	41	6.0	5.1	2.8	4.8	26	4.0	2.0	1.5	3.0
02	61	9.2	6.0	8.5	11.5	54	7.1	6.0	3.5	6.5	43	6.0	4.0	4.8	8.0	26	4.0	2.0	1.5	2.5
03	61	9.3	6.0	* 6.8	* 9.8	54	7.3	6.0	3.0	5.5	42	5.0	5.0	2.8	4.8	26	4.0	2.0	1.5	2.5
04	62	8.3	6.3	8.3	12.3	52	10.0	5.3	5.0	8.5	36	7.0	5.0	2.0	3.5	27	3.0	3.0	1.5	3.0
05	61	10.0	6.0	8.0	12.0	52	8.0	6.0	3.8	6.5	37	5.5	6.0	2.0	3.5	28	2.0	4.0	1.8	3.5
06	59	12.0	6.0	7.0	10.8	49	10.3	4.3	3.0	5.5	38	3.0	4.3	2.3	3.8	27	3.0	3.0	1.0	3.0
07	51	13.8	2.0	3.0	5.5	46	12.0	5.3	3.5	6.0	39	4.0	6.0	* 3.5	* 5.3	26	3.3	2.0	2.0	3.5
08	43	16.6	4.0	* 2.8	* 4.5	38	14.4	4.0	* 2.3	* 4.3	35	6.0	6.0	5.5	8.5	24	2.0	1.3	3.0	4.5
09	37	11.8	3.3	3.3	4.8	31	16.7	7.0	5.0	7.5	29	10.6	5.3	* 6.0	* 9.5	24	2.0	2.0	2.8	4.5
10	33	11.8	4.0	2.0	4.0	26	13.0	4.0	4.5	6.0	27	10.0	6.0	* 5.5	* 8.0	24			4.5	6.0
11	33	14.4	4.0	2.5	5.0	24	17.3	4.0	2.8	4.8	25	14.4	6.1	* 5.5	*10.0	22	2.0	2.0	* 3.3	* 5.3
12	31	21.5	2.0	2.0	3.5	24	16.0	4.0	3.8	5.8	23	17.0	6.0	* 7.0	*13.8	22	4.0	2.0	3.0	5.0
13	31	23.5	2.0	* 2.0	* 3.5	26	21.0	6.0	3.3	5.0	27	14.1	8.1	* 7.3	*11.5	22	4.0	1.5	3.5	5.5
14	31	24.4	4.0	2.5	4.0	25	13.2	4.7	* 2.5	* 4.5	27	8.8	7.7	* 6.8	*10.8	24	3.7	2.0	* 3.5	* 5.5
15	32	11.5	3.0	2.0	3.5	26	14.7	4.0	* 3.0	* 5.0	29	14.4	6.0	6.0	9.0	24	3.7	2.0	* 3.5	* 6.0
16	35	13.5	4.0	2.5	4.0	30	22.0	6.1	4.0	6.3	33	14.9	5.6	* 5.5	* 9.0	24	4.0	2.0	3.5	6.0
17	37	15.2	6.0	3.0	4.5	38	16.3	7.1	* 3.5	* 6.0	37	10.0	5.1	5.5	8.0	24	3.1	2.0	3.0	4.5
18	47	15.2	4.1	4.5	6.5	48	11.1	10.0	6.5	9.5	39	8.2	4.0	* 6.5	*10.0	26	4.0	3.1	1.8	3.3
19	55	16.0	8.0	* 5.5	*10.0	52	9.1	10.0	5.8	8.3	41	5.1	4.0	5.5	8.0	28	2.0	4.0	2.3	4.0
20	59	14.2	4.1	7.5	12.5	52	9.1	7.1	5.0	8.3	41	5.1	6.0	3.5	5.0	26	4.0	3.1	1.8	3.3
21	59	13.1	5.1	8.0	12.0	52	7.1	6.0	5.5	8.5	39	6.0	5.1	3.5	5.0	26	4.0	3.1	1.5	3.0
22	59	14.2	7.1	8.0	11.8	54	6.0	8.0	5.5	8.0	41	3.1	6.0	3.0	4.5	26	4.0	3.1	2.0	3.5
23	61	12.2	7.1	7.5	11.3	54	7.1	7.1	5.0	8.3	39	5.1	6.0	3.5	6.0	28	2.0	4.0	2.0	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_{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 KEKAHA, HAWAII

LAT. 22.0 N

LONG. 159.7 W

APRIL

1965

H.R. MPL 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	156	5.1	4.0	8.0	13.0	130	13.6	7.0	10.5	17.0	105	19.2	5.1	11.0	17.5	88	20.6	12.0	*11.0	*17.0
01	154	6.0	2.0	8.8	14.5	129	12.6	3.3	9.3	14.3	107	20.0	6.0	9.0	16.3	86	23.2	11.1	*10.3	*16.8
02	154	9.1	3.1	9.0	14.3	129	19.1	3.3	10.0	16.0	107	23.2	4.0	9.5	16.0	84	30.4	8.0	*10.0	*17.3
03	154	7.1	4.0	10.0	15.5	130	15.6	5.0	10.0	16.5	107	19.1	6.0	10.0	18.0	85	24.3	7.0	11.5	17.8
04	153	8.3	4.3	10.5	16.0	130	13.0	3.0	11.0	17.0	107	18.6	6.0	11.5	19.0	83	23.0	4.3	*10.5	*17.5
05	154	8.0	3.1	11.0	17.5	132	9.6	5.0	11.0	18.0	105	19.2	6.0	11.5	18.5	80	24.6	6.0	10.0	16.5
06	154	6.2	2.0	11.0	17.5	127	14.6	6.0	10.5	17.5	93	28.3	6.0	8.5	14.8	67	30.8	12.3	* 7.0	*10.0
07	152	7.8	2.0	11.0	17.5	123	15.2	7.1	11.8	17.8	86	31.6	13.9	*13.0	*20.0	60	34.0	10.0	* 5.0	* 8.3
08	152	7.1	3.1	11.5	17.5	119	16.2	14.0	11.8	17.5	88	28.3	18.3	* 8.5	*13.0	65	31.6	16.3	* 3.5	* 5.0
09	152	8.6	4.0	10.5	16.3	123	14.2	19.1	12.3	20.0	101	17.1	33.1	*20.0	*30.0	68	26.0	19.5	* 7.5	*14.8
10	150	9.1	1.1	11.5	18.0	122	17.6	16.3	18.0	26.0	95	21.5	27.0	*17.8	*29.0	57	36.3	6.3	5.5	9.0
11	150	8.7	1.7	10.0	16.0	119	14.0	12.0	*17.5	*23.5	83	32.0	16.0	*13.5	*22.5	60	37.6	10.1	* 1.8	* 3.0
12	152	7.0	4.0	11.5	17.5	115	18.0	10.0	*14.3	*20.0	91	25.5	24.0	*18.5	*28.0	64	31.4	16.0	3.0	5.0
13	150	10.3	2.0	11.5	19.5	117	21.5	12.9	*13.5	*18.0	89	35.4	23.1	* 7.0	*12.0	70	30.0	22.0	* 4.5	* 6.5
14	150	8.9	2.0	11.8	19.5	117	17.3	10.0	15.5	20.5	93	27.2	28.0	*12.0	*23.5	62	35.3	14.0	* 4.0	* 6.8
15	150	11.8	2.0	11.0	18.5	117	19.1	13.8	*15.3	*21.0	99	22.2	33.9	* 9.0	*13.5	72	30.0	24.0	* 8.8	*15.8
16	150	10.0	4.0	12.5	20.5	113	25.4	8.7	12.5	18.0	83	40.0	18.5	*10.5	*19.5	57	44.0	9.0	* 2.5	* 4.0
17	150	9.8	4.0	11.5	19.8	111	27.4	10.7	12.5	17.0	84	38.8	17.9	* 9.8	*12.8	58	42.7	8.7	5.0	7.5
18	148	13.8	2.0	10.8	18.3	109	26.9	6.9	8.0	12.5	87	34.0	10.7	6.5	11.8	68	30.9	14.9	* 7.3	*14.0
19	148	10.0	1.1	9.0	16.0	117	23.1	8.0	9.0	13.8	103	18.9	16.9	10.8	18.8	86	18.0	20.0	* 9.5	*18.5
20	152	6.0	4.0	9.0	15.8	123	14.0	11.1	* 8.5	*14.0	100	21.9	10.8	*11.3	*19.8	88	15.1	16.0	*10.3	*19.5
21	153	5.9	3.0	8.0	13.0	125	13.1	11.1	11.5	17.0	105	14.9	14.0	*11.0	*20.8	84	20.2	11.1	*11.3	*19.8
22	154	5.1	2.0	7.5	12.5	123	14.0	6.0	11.5	20.0	101	22.0	5.3	10.5	18.5	80	23.3	6.6	* 8.3	*14.8
23	154	6.0	3.1	7.3	12.3	126	18.1	5.0	12.8	17.5	103	21.8	6.0	*10.5	*16.5	87	16.3	11.6	* 9.5	*16.3

H.R. MPL 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	16.0	4.0	* 8.0	*15.8	54	6.0	4.0	* 4.5	* 7.5	44	5.4	4.0	* 5.3	* 7.8	26	4.0	2.0	2.0	3.5
01	60	16.7	4.0	*10.3	*18.0	54	8.0	4.0	* 5.5	* 9.0	44	4.7	6.0	* 5.3	* 8.0	26	5.4	2.0	1.5	2.5
02	62	20.0	6.0	* 8.3	*14.8	54	15.4	3.4	* 4.8	* 8.5	46	9.4	4.0	* 5.5	*10.0	26	12.7	2.0	3.8	5.5
03	60	19.4	4.0	* 7.8	*14.0	54	11.4	4.0	* 4.5	* 7.0	44	10.0	4.0	* 4.5	* 6.5	26	6.7	2.0	* 2.0	* 3.5
04	60	19.4	4.0	* 6.0	*10.0	54	8.0	6.0	* 4.8	* 8.0	40	6.7	4.7	* 2.5	* 4.0	24	6.0	0.0	2.0	3.0
05	62	13.4	6.0	* 7.0	*12.0	50	9.4	2.7	* 4.5	* 6.3	38	10.0	6.0	* 2.5	* 3.8	24	2.0	0.0	* 2.0	* 3.0
06	56	18.7	4.0	* 9.8	*15.8	50	7.4	4.7	4.0	6.5	40	8.0	4.7	* 4.0	* 5.8	24	2.0	0.0	1.5	3.0
07	50	14.7	10.0	*10.0	*16.0	46	16.0	10.0	* 5.0	* 9.5	40	4.7	6.0	* 5.5	* 8.0	24	3.4	0.0	2.0	3.5
08	48	24.7	12.0	*10.3	*16.3	40	16.7	10.7	* 8.3	*13.3	34	10.7	4.0	* 6.3	* 9.8	24	2.7	2.0	* 2.5	* 4.0
09	42	22.7	10.0	* 7.0	*11.8	36	16.0	14.9	*11.8	*18.3	32	6.0	7.1	*10.5	*14.5	22	2.0	0.0	* 1.8	* 3.3
10	40	20.0	8.9	*13.5	*20.0	32	15.1	11.1	*13.0	*17.5	28	9.1	4.0	* 8.5	*12.5	22	2.0	0.9	* 2.5	* 4.0
11	39	21.0	8.3	* 6.0	* 9.8	28	20.0	9.3	*11.5	*17.0	24	15.1	2.0	*10.0	*16.0	22	1.1	2.0	* 3.8	* 5.5
12	37	24.3	7.0	* 8.5	*12.5	26	20.0	8.0	* 7.0	*11.8	24	16.0	4.0	* 9.5	*16.0	22	0.0	2.0	2.5	4.0
13	36	25.4	6.0	* 6.0	*10.0	26	22.0	8.0	* 6.5	*11.0	26	18.0	4.0	* 9.8	*16.0	22	4.7	2.0	* 3.5	* 5.5
14	42	22.0	14.0	* 7.0	*12.0	27	25.6	7.0	*10.5	*16.5	30	14.0	8.0	* 9.5	*15.0	22	2.0	2.0	* 2.5	* 4.0
15	40	25.1	10.0	* 7.8	*14.0	28	23.4	8.0	* 2.0	* 4.0	34	10.0	8.0	*10.8	*17.8	24	2.0	2.0	* 6.0	* 9.0
16	40	30.7	8.0	* 8.5	*17.5	31	25.5	9.0	* 8.0	*13.3	36	10.5	4.0	* 8.3	*12.3	24	2.0	2.0	* 3.8	* 5.8
17	41	27.5	5.5	* 8.5	*15.8	39	19.5	11.0	* 5.0	* 7.8	40	3.4	4.5	* 7.3	*11.0	24	4.0	2.0	* 3.8	* 6.8
18	46	25.0	8.5	*11.5	*18.5	46	16.5	8.5	* 6.0	*10.5	42	7.4	4.0	* 6.5	* 9.8	24	4.7	2.0	2.0	3.5
19	52	24.7	6.7	*10.0	*17.5	50	13.4	6.7	* 7.0	*10.5	42	6.0	4.7	* 4.5	* 7.0	24	4.7	2.0	* 2.3	* 3.8
20	62	16.7	10.7	*11.3	*19.3	52	12.0	4.0	* 5.5	* 9.0	42	4.7	6.7	* 4.5	* 7.3	26	4.0	2.0	2.5	4.0
21	64	13.4	12.0	* 9.5	*17.0	54	8.0	4.7	* 8.5	*11.5	40	6.7	4.0	* 3.5	* 6.0	24	4.0	2.0	* 2.0	* 3.5
22	60	16.0	8.0	*11.0	*17.0	52	10.7	4.7	* 5.0	* 8.5	42	6.0	6.0	* 5.0	* 7.5	24	3.4	0.7	* 1.8	* 3.0
23	58	19.4	2.7	*10.0	*16.5	54	6.0	4.7	* 7.5	*12.8	42	4.7	6.0	* 4.0	* 5.8	24	4.0	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.