

MONTH-HOUR VALUES OF RADIO NOISE

STATION BOULDER, COLORADO

LAT. 40.1 N

LONG. 105.1 W

FEBRUARY 1965

H. R. MST 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			9.5	15.0	*132			4.5	9.5	*93			*7.0	*14.3	75	19.6	3.1	7.5	15.0
01	152	6.4	9.8	9.8	15.5	*136			*4.8	*9.0	*91			*7.5	*15.0	*76			*7.5	*15.3
02	153	8.7	5.4	9.3	15.8	*137			*4.5	*9.3	*98			9.5	14.0	*74			*7.8	*14.8
03	152	6.3	2.3	11.0	17.5	*138			4.3	9.0	*91					*74			*7.0	*14.0
04	*154			10.8	17.5	*136			*3.0	*8.3	*88			*6.0	*10.5	*70			7.3	13.3
05	152	5.1	6.0	11.8	18.0	*138			3.3	8.0	*85			*11.5	*16.0	*66			*9.3	*16.5
06	*152			12.0	*18.3	*138			*3.5	*8.3	*86			*5.8	*7.8	*65			*5.5	*9.5
07	150	6.6	8.0	12.3	17.5	*134			*2.8	*7.5	*79			*6.3	*5.5	*62			*3.0	*6.3
08	*146			12.5	19.0	*130			*3.5	*8.5	*80			*3.5	*5.0	*62			*3.8	*6.5
09	*146			*12.0	*18.0	*125			*3.0	*7.8	*77			*5.8	*10.0	*62			2.5	5.0
10	*146			*11.0	*17.0	*128			*3.5	*7.5	*77			*6.5	*11.5	*62			*4.0	*6.0
11	*148			*12.0	*17.5	*130			*3.8	*8.3	*77			*5.0	*9.5	*62			*3.5	*6.0
12	148	8.4	4.2	11.5	17.5	*132			*3.3	*8.8	*81			*6.5	*11.5	62	3.7	4.1	2.5	5.3
13	148	8.0	4.1	12.0	18.0	*132			3.5	8.0	*77			*4.5	*9.0	62	3.7	3.7	3.0	5.0
14	146	8.4	2.4	12.5	18.0	130	8.0	10.0	3.5	8.5	*79			*6.0	*10.0	62	4.3	4.3	3.0	5.5
15	144	10.1	3.7	12.5	18.5	*128			*3.8	*9.3	*79			*5.0	*10.5	64	2.0	7.7	3.0	5.0
16	142	12.0	2.3	*13.5	*18.8	*128			*5.8	*10.0	*86			*7.5	*12.5	63	12.9	4.6	3.5	9.0
17	144	11.6	2.1	13.0	20.0	*132			3.0	8.0	*81			*7.3	*11.5	*66			*6.0	*13.8
18	146	11.5	4.0	12.3	19.3	*134			*3.3	*8.3	*102			*9.0	*16.5	74	18.3	8.0	6.5	12.5
19	147	10.3	3.0	13.0	19.0	*133			*4.0	*7.5	*90			*9.5	*15.8	80	14.3	10.3	6.5	14.3
20	149	7.4	3.6	*14.0	*21.5	*136			4.5	9.0	*103			*8.3	*15.8	80	13.7	8.1	9.5	16.5
21	148	7.7	5.3	*13.0	*19.8	*136			*4.3	*8.5	*89			*7.5	*14.0	78	17.5	4.1	6.8	14.0
22	149	10.3	5.1	12.0	17.5	*138			4.0	8.8	*97			9.0	13.5	75	21.3	1.0	6.3	12.0
23	150	9.9	2.7	10.5	16.0	*134			*5.3	*9.3	*91			*6.5	*11.8	76	20.0	2.1	*6.5	*13.0

H. R. MST 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	56	13.0	3.0			54	6.0	6.0			32	9.1	4.6	*4.0	*6.0	23	2.0	2.0	*2.0	*4.0
01	57	10.9	4.0	*4.0	*6.5	55	7.0	5.0	*4.3	*8.0	*32			*3.0	*5.0	23	2.0	2.0	*2.0	*4.5
02	56	11.0	5.0	*4.5	*7.5	54	6.0	6.0			32	9.7	8.9	*2.8	*4.5	23	2.0	0.9	*2.0	*4.0
03	56	11.9	5.9	*4.3	*7.0	54	6.9	6.0			*32			*3.0	*5.5	23	2.0	0.0	*2.0	*4.5
04	54	13.6	3.9	*4.5	*6.0	54	7.8	7.5	*5.0	*9.0	32	9.7	4.0			23	2.0	0.0	*2.5	*4.5
05	51	16.6	3.8	*4.0	*6.3	52	9.8	8.9	*4.5	*7.3	*33			*2.8	*5.0	23	2.0	0.9	*2.5	*4.5
06	49	14.9	4.0	*3.5	*6.0	48	9.1	4.0	*4.5	*7.5	40	5.7	6.0	*2.0	*4.0	23	2.0	2.0		
07	45	8.0	5.1	*3.5	*5.3	46	6.0	6.0	*5.5	*9.0	*38					23	2.0	1.1	*3.0	*5.0
08	43	7.8	4.6	*2.5	*4.5	40	3.5	5.5	*3.0	*5.5	*37			*4.0	*4.0	23	2.0	0.0	*2.5	*4.8
09	43	4.0	4.0	*3.5	*6.0	36	5.3	4.0	*2.0	*4.5	*36			*4.0	*6.5	23	2.0	0.0	*2.0	*4.0
10	43	4.1	6.0	*3.0	*5.0	36	4.1	1.9	*3.0	*5.5	*35			*3.5	*6.5	23	3.5	0.0	*3.0	*5.5
11	43	4.0	4.0	*2.5	*5.0	38	2.1	4.1	*3.0	*5.5	*32					25	3.7	2.0	*3.0	*5.5
12	43	4.0	5.1	*2.8	*5.0	36	3.8	6.9	*2.5	*5.0	34	7.2	3.7	*2.5	*4.5	25	3.1	2.0		
13	43	5.1	5.1	*2.0	*4.5	38	2.9	4.9	*2.5	*5.0	35	3.1	3.4	*4.0	*6.5	26	1.9	3.0	*3.5	*6.5
14	43	4.9	2.9	*2.0	*4.0	38	6.0	4.0	*2.5	*5.0	*38			*4.5	*7.5	25	3.1	2.0	*2.8	*5.0
15	43	5.1	2.0	*2.5	*4.0	40	8.0	3.5	*3.0	*5.0	*40					23	4.9	0.0	*3.0	*5.5
16	47	6.0	6.0	*2.8	*4.5	46	6.0	5.3	*3.5	*6.0	40	6.6	2.3	*4.0	*6.0	23	2.0	0.0	*3.0	5.0
17	51	8.0	7.1	*3.5	*5.5	54	4.0	5.1	*3.5	*6.8	*42			*3.5	*6.0	23	0.0	2.0	2.5	4.8
18	53	11.5	5.5	*3.8	*6.0	55	5.6	7.6	*3.5	*7.0	*36			*4.0	*6.5	23	0.9	2.0	*2.5	*4.5
19	55	12.2	5.1	*3.8	*6.0	56	7.1	7.1	*4.0	*7.0	*31			*3.0	0.0	23	0.9	2.0	2.5	5.0
20	56	11.0	3.9	*4.0	*7.0	54	8.0	4.0			32	5.7	2.4	*5.0	*7.5	23	0.0	2.0	*2.5	*4.5
21	56	11.9	5.0	*4.0	*6.5	54	8.0	4.9	*4.5	*8.0	*30			*4.0	*5.3	23	0.0	2.0	*2.0	*4.0
22	55	14.0	2.0	*3.3	*6.0	55	9.0	3.0			30	4.0	1.3	*2.0	*4.0	23	0.9	2.0	*2.5	*4.5
23	57	12.0	4.0	*3.8	*6.0	55	5.9	3.9	*6.0	*10.5	*30			*2.3	*3.5	23	0.9	2.0	*2.5	*4.5

* 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 COOK, AUSTRALIA

LAT. 30.6 S

LONG. 130.4 E

DECEMBER 1964

TIME M H R	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	160	4.5	6.0	9.0	14.5	137	4.0	6.7	9.3	16.5	113	6.0	8.0	6.5	12.5	92	7.3	7.3	* 5.3	* 11.8
01	160	4.5	4.0	8.8	14.3	136	4.9	9.0	8.3	15.0	113	4.0	7.3	6.3	11.5	88	9.5	6.0	* 6.0	* 12.5
02	158	6.0	4.0	8.3	13.8	137	4.0	6.0	8.5	15.5	111	6.0	5.5	6.3	12.8	88	10.0	5.5	* 6.5	* 14.0
03	158	4.2	7.7	9.5	16.0	133	6.0	7.7	9.5	16.5	111	5.0	6.0	8.0	14.5	84	11.7	7.6	* 6.5	* 12.0
04	158	4.0	4.0	9.8	16.3	133	6.1	7.9	9.0	16.5	107	5.5	7.5	8.5	14.0	78	15.8	7.3	* 9.5	* 15.0
05	157	3.5	3.0	10.5	17.0	123	11.2	2.1	9.5	17.0	89	16.3	6.0	* 9.0	* 15.5	62	18.0	12.0	* 4.0	* 6.5
06	154	4.1	4.0	10.8	17.5	121	8.0	4.1	10.5	18.0	81	16.6	12.1	* 6.5	* 9.5	48	24.0	6.0	* 4.0	* 5.5
07	154	4.0	4.2	11.5	18.3	121	4.4	8.2	11.0	19.0	85	15.0	12.0	10.5	16.3	42	31.0	4.0	* 4.0	* 5.0
08	154	5.7	4.0	12.8	20.0	121	6.0	6.1	10.8	19.0	87	7.6	11.6	10.0	19.0	42	24.1	4.0	* 4.5	* 7.0
09	155	5.0	5.0	13.0	20.3	121	8.0	8.0	12.0	21.5	87	6.9	9.8	8.5	15.0	40	18.7	1.9	* 2.8	* 4.0
10	154	6.0	3.1	* 13.8	* 20.8	123	8.0	8.0	11.0	19.0	85	8.3	12.0	10.0	18.0	* 42			* 4.3	* 6.5
11	154	6.0	6.7	12.5	20.0	127	6.0	13.2	* 11.0	* 19.0	90	7.5	17.0	7.0	14.0	42	11.0	4.0	* 2.5	* 4.5
12	154	6.7	6.0	10.5	18.5	127	8.0	10.0	7.5	12.5	90	9.2	13.3	5.5	9.5	42	14.8	4.0		
13	156	8.0	8.0	8.0	13.5	131	6.0	14.0	7.0	12.0	91	10.1	14.3	7.0	11.0	* 40				
14	* 154		* 7.0	* 12.5	* 13.0	* 130		* 5.5	* 9.5	* 9.5	* 95		* 4.5	* 8.0	* 4.4				* 4.5	* 7.5
15	159	7.0	11.6	* 6.8	* 11.3	129	9.1	9.1	* 5.3	* 9.8	95	19.6	10.8	5.8	9.8	46	21.6	7.7	* 5.0	* 7.0
16	162	4.0	8.7	7.5	12.0	131	6.1	10.0	5.8	10.0	94	20.3	9.2	* 7.3	* 12.3	47	30.8	8.6	* 4.3	* 7.8
17	162	2.2	8.0	7.0	12.0	131	6.6	10.3	5.5	9.5	95	25.2	13.1	6.5	11.5	53	29.6	12.3	* 4.5	* 6.0
18	160	2.3	10.3	7.5	12.8	131	6.8	12.8	* 6.8	* 11.3	101	21.9	9.0	5.0	8.5	72	19.4	15.5	* 3.3	* 6.8
19	158	4.0	9.7	9.0	14.8	133	10.0	13.4	8.0	13.5	110	9.3	9.2	5.5	10.5	86	12.0	11.8	* 5.8	* 13.5
20	160	5.0	8.0	9.8	15.5	135	7.4	12.0	6.5	11.5	112	8.8	10.8	6.0	11.0	88	11.1	6.0	* 5.0	* 8.0
21	160	5.4	6.0	10.0	15.5	137	4.6	10.3	7.8	14.3	115	5.5	9.5	6.0	10.3	90	10.0	6.0	* 6.0	* 12.0
22	160	5.7	8.0	9.5	15.0	137	4.3	9.9	8.8	15.5	113	4.0	8.2	5.5	10.5	90	10.0	6.2	* 5.3	* 10.5
23	160	4.0	6.0	9.8	14.8	137	4.2	7.9	9.0	16.0	113	4.0	9.3	6.3	12.5	91	7.1	6.7	* 7.3	* 13.3

TIME M H R	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	65	8.0	8.0	4.5	8.5	57	6.0	5.3	4.8	8.3	45	4.0	4.0	5.0	8.3	22	2.0	2.0	* 2.5	* 3.5
01	65	6.0	8.0	5.5	10.5	57	7.1	4.0	4.5	8.0	43	6.0	2.0	5.0	8.0	20	2.0	0.0	* 2.5	* 3.0
02	63	8.0	7.1	4.5	8.5	57	6.0	4.0	4.5	7.5	43	4.0	2.0	5.5	8.5	22	0.0	2.0	* 2.5	* 3.3
03	63	5.3	6.0	* 5.5	* 10.0	59	3.3	4.0	4.5	7.8	41	6.0	3.1	5.0	8.0	22	0.0	2.0	* 2.5	* 3.5
04	61	7.1	8.0	7.0	11.5	57	4.0	3.1	4.8	8.3	39	4.0	4.0	4.5	7.5	22	0.0	2.0	* 2.5	* 3.3
05	57	8.0	6.0	6.5	11.0	54	5.0	3.0	* 5.5	* 9.0	40	6.3	2.3	5.5	9.0	22	0.0	2.0	* 2.5	* 3.5
06	43	11.1	8.0	* 7.0	* 13.3	43	6.0	6.0	6.0	10.0	39	4.0	4.0	5.5	8.5	22	2.0	1.1	* 4.0	* 6.3
07	33	9.3	12.0	9.5	15.0	35	10.0	8.0	8.0	13.0	33	6.0	2.0	5.3	7.3	22	2.0	0.0	* 2.5	* 4.0
08	22	11.0	3.0	7.5	11.0	27	14.6	8.0	8.0	13.0	31	4.0	4.0	4.5	7.0	22	3.3	0.0	* 3.0	* 4.0
09	21	9.9	2.0	* 6.0	* 9.0	24	9.4	7.1	7.5	11.8	27	6.1	2.0	3.5	5.0	22	2.0	2.0	* 2.8	* 4.0
10	19	13.0	0.0	* 5.3	* 7.8	19	14.7	2.0	* 7.8	* 11.5	27	4.0	3.9	4.0	5.5	22	2.0	0.2	2.5	3.8
11	19	6.4	0.0	* 5.5	* 8.0	21	10.8	4.6	8.5	13.0	27	5.9	3.9	3.5	5.0	22	4.0	2.0	3.0	4.5
12	19	22.8	0.0	* 6.0	* 9.0	19	18.3	4.0	* 6.0	* 8.0	27	9.5	4.0	3.5	5.0	22	6.0	1.7	3.0	4.5
13	19	6.5	0.0	* 5.5	* 10.8	23	8.0	7.1	* 5.3	* 8.0	29	8.0	6.0	* 4.0	* 5.5	* 23			* 3.5	* 5.5
14	* 19		* 5.5	* 8.0	* 8.0	* 29		* 5.3	* 9.0		33	6.3	6.3	3.5	6.3	26	4.0	4.0	3.0	5.0
15	21	11.1	2.0	* 5.5	* 8.5	34	7.6	12.8	5.0	8.0	37	6.0	7.7	4.0	6.8	28	4.0	4.1	3.0	5.0
16	31	13.4	12.0	* 4.0	* 6.0	39	10.0	15.0	5.3	8.5	43	4.0	9.5	4.0	7.0	26	6.0	2.0	4.0	5.5
17	41	10.7	15.2	4.5	8.0	45	10.0	10.0	4.0	7.5	45	4.0	4.0	4.3	7.0	28	6.0	4.0	3.5	5.0
18	53	16.2	12.0	4.0	7.5	53	8.6	6.0	4.3	6.8	47	4.0	4.0	4.0	7.0	28	7.9	4.0	* 3.8	* 5.8
19	60	8.3	9.6	4.0	7.5	59	6.0	7.1	4.5	8.0	49	2.0	8.0	4.0	6.0	26	5.5	4.0	3.5	5.5
20	65	9.1	8.0	5.0	8.8	59	6.0	6.0	4.0	8.5	49	2.0	6.1	4.0	7.0	22	4.0	0.0	* 2.8	* 4.3
21	67	6.0	8.0	4.5	8.0	59	6.0	4.0	* 4.0	* 7.8	55	13.5	8.0	* 7.0	* 10.0	22	4.0	2.0	* 2.5	* 3.5
22	65	9.1	6.0	4.8	8.0	57	6.0	5.5	4.5	8.0	53	14.1	6.0	* 7.8	* 12.3	22	1.1	2.0	* 2.8	* 4.0
23	66	7.0	8.3	4.5	9.0	59	5.1	8.0	4.5	8.0	45	4.0	4.0	5.0	7.5	22	0.0	2.0	* 2.5	* 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 COOK, AUSTRALIA

LAT. 30.6 S

LONG. 130.4 E

JANUARY 1965

H. R. T.M.	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	158	6.3	2.0	10.0	15.5	135	6.0	2.0	9.0	16.0	109	9.3	1.3	8.0	15.5	93	4.0	5.6	6.0	11.5
01	158	4.0	4.0	*10.5	*16.0	133	6.0	2.0	*10.0	*17.5	109	4.7	4.0	7.5	15.0	92	5.7	5.7	6.5	12.5
02	158	4.6	3.3	8.5	13.5	137	4.0	6.0	9.5	15.0	113	3.3	8.0	6.5	13.0	92	5.0	6.6	6.0	12.0
03	158	2.7	2.7	9.5	15.5	135	4.0	4.7	9.5	16.8	109	4.7	4.7	7.3	13.3	90	3.0	6.3	6.8	13.8
04	158	3.6	4.0	9.5	15.5	135	4.0	4.0	8.8	15.3	109	6.0	6.0	7.8	14.8	87	6.1	7.1	*7.8	*14.0
05	156	4.7	2.0	10.8	17.3	129	4.0	6.0	4.0	6.0	97	2.7	6.7	*13.0	*19.3	62	6.3	9.3	*4.0	*7.5
06	155	3.6	5.0	*9.3	*15.3	125	6.0	4.0	11.8	18.3	83	24.6	8.0	9.0	16.3	50	18.2	4.0	*6.0	*9.5
07	154	4.0	2.0	*11.3	*18.5	121	4.7	4.7	11.0	18.5	83	11.4	8.0	*9.8	*17.0	47	8.7	7.0	*3.0	*4.0
08	155	4.5	4.8	*12.5	*19.8	121	8.0	4.0	11.3	19.5	83	22.9	6.5	*9.8	*15.5	47	31.4	6.5	*5.8	*10.0
09	154	4.0	2.0	13.0	21.0	121	6.0	5.5	*11.0	*20.3	83	9.0	4.0	*11.0	*18.0	47	3.9	3.1	*9.5	*16.0
10	154	4.0	2.3	12.5	19.8	123	6.0	6.0	14.0	22.5	85	14.3	6.0	*9.5	*16.5	47	6.4	7.0	*2.5	*4.0
11	154	2.0	4.0	13.3	21.3	123	4.0	6.0	10.8	19.5	85	8.0	5.3	*9.0	*16.3	47	2.0	7.0	*3.5	*6.3
12	156	2.1	6.1	11.5	19.3	126	5.0	7.1	11.0	20.0	91	5.9	8.3	9.0	14.5	47	7.3	9.0	*4.0	*5.5
13	156	4.0	7.6	*10.0	*16.5	127	6.0	9.4	*10.0	*17.5	*92			*8.5	*15.0	*47				
14	*158		*10.3	*17.8		129	4.6	4.0	7.5	16.0	95	6.0	4.0	5.0	9.8	47	16.4	2.1	*3.0	*6.0
15	158	4.0	2.9	9.0	14.5	131	4.0	2.9	5.5	10.0	95	6.6	2.0	5.5	10.0	50	7.6	3.6	*3.8	*6.0
16	160	2.9	2.1	7.5	13.0	131	3.7	2.0	5.5	9.5	97	7.8	5.6	5.8	10.0	53	19.1	6.3	*4.3	*7.0
17	160	0.9	2.0	8.0	14.0	129	2.7	2.0	6.3	10.8	95	8.6	4.0	*7.5	*12.0	56	11.2	9.5	4.3	7.0
18	160	2.1	3.6	8.0	13.0	129	5.6	2.1	6.0	10.0	103	6.0	6.0	5.3	9.5	73	9.0	7.7	5.5	9.5
19	158	2.0	4.0	9.0	15.5	131	4.0	2.0	8.0	13.5	107	4.9	2.0	5.5	10.0	86	4.9	7.0	4.8	9.3
20	160	4.0	4.0	10.3	15.8	135	4.0	3.5	7.0	12.3	113	3.5	6.0	5.5	10.0	91	6.7	6.0	5.0	9.5
21	158	4.0	2.0	11.0	18.0	135	4.9	2.0	7.5	13.5	111	3.8	4.0	5.5	11.5	91	3.5	4.5	6.0	12.0
22	158	6.0	2.0	11.8	17.8	137	4.0	4.0	8.0	15.0	111	6.0	5.3	6.0	12.0	92	4.1	4.1	6.8	13.3
23	158	3.3	4.0	*10.5	*17.0	135	4.0	2.9	10.0	17.5	109	4.0	4.0	7.3	13.5	93	2.4	6.0	6.3	12.0

H. R. T.M.	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	66	2.0	4.7	*5.5	*10.0	58	4.0	4.7	6.0	10.5	43	2.0	4.0	6.0	9.3	22	0.0	2.0	*2.5	*3.5
01	66	3.6	6.0	5.5	8.5	58	9.9	4.0	4.8	8.8	42	5.0	2.3	5.5	8.5	22	0.0	2.0	*2.5	*3.5
02	64	6.0	4.7	5.0	10.0	58	5.4	4.0	5.0	8.3	41	2.0	2.7	6.5	10.0	22	0.0	2.0	*2.5	*3.5
03	64	5.6	3.3	5.0	9.0	59	5.0	3.0	4.3	7.3	39	4.0	4.0	5.0	7.0	22	0.0	2.0	*2.5	*3.0
04	64	2.7	6.0	6.5	12.5	58	5.4	4.0	*6.3	*9.0	37	4.0	4.0	5.0	7.0	22	0.0	0.7	*2.5	*3.5
05	62	4.0	4.0	7.5	13.0	58	6.0	4.0	5.0	9.0	37	4.0	4.0	5.0	7.0	22	0.0	0.0	*2.5	*4.0
06	50	5.4	8.0	*9.5	*15.0	48	14.8	6.7	*7.0	*11.0	39	4.0	2.0	*6.0	*8.5	22	0.7	0.0	*2.5	*4.0
07	38	10.3	7.3	*13.0	*18.5	38	10.6	6.0	*8.0	*12.3	35	6.0	2.0	5.5	8.0	22	2.0	0.0	*3.0	*4.3
08	26	8.7	6.0	*8.5	*10.8	29	9.9	5.0	*10.5	*16.0	31	4.7	2.0	*5.3	*9.5	22	0.7	0.7	*2.5	*4.0
09	24	10.4	4.0	*7.0	*10.0	28	12.3	8.0	*8.3	*11.5	29	4.3	2.0	3.5	4.8	22	1.9	1.9	*3.0	*4.0
10	22	9.0	2.0	*6.0	*9.0	20	8.4	4.0	*8.5	*11.0	27	2.0	2.0	*3.3	*5.0	22	1.3	0.0	*2.5	*4.0
11	20	6.1	0.0	*7.5	*9.3	20	6.7	2.7	*4.3	*5.8	27	2.0	4.0	*4.3	*5.8	22	2.0	0.0	*3.0	*3.5
12	20	6.0	0.0	*6.5	*10.0	20	5.2	4.0	*4.5	*7.0	27	4.0	4.0	*4.3	*6.3	22	2.0	0.0	2.5	4.0
13	20	7.0	0.0	*7.3	*10.5	22	10.0	4.0	*4.8	*6.8	29	3.5	5.0	4.0	5.5	*24			*3.5	*5.3
14	*22					*28			*5.0	*7.5	33	3.9	2.1	*3.8	*6.0	24	4.0	2.0	*3.0	*5.0
15	22	15.6	2.0	*9.5	*15.0	32	6.3	4.3	5.5	8.5	35	4.1	2.0	4.5	7.0	26	4.0	2.0	3.8	6.0
16	26	7.4	4.0	*4.5	*7.0	40	4.7	6.7	*5.5	*8.5	41	2.0	4.0	4.5	7.0	28	2.9	2.9	*3.0	*5.0
17	40	7.6	7.3	4.0	6.5	46	4.0	4.0	*4.5	*7.0	44	2.3	2.6	4.3	7.0	28	4.1	4.1	3.8	5.8
18	52	4.0	4.0	4.3	7.0	54	2.2	4.0	*4.0	*6.8	47	2.0	3.1	4.5	7.0	28	4.0	4.0	*4.5	*6.5
19	62	3.5	5.4	4.3	6.5	58	2.0	3.5	4.0	7.0	47	2.0	2.0	4.8	6.5	26	7.7	4.0	*3.5	*4.5
20	66	4.0	4.0	*4.0	*6.8	60	2.0	2.9	4.0	8.0	47	2.0	4.9	*5.5	*9.0	23	3.0	1.0	*3.5	*5.0
21	68	2.7	4.0	4.8	9.0	60	2.0	3.5	4.5	8.0	55	12.0	10.0	8.5	17.0	22	0.0	2.0	2.8	3.5
22	67	1.9	3.9	*5.3	*9.0	58	2.0	2.0	5.5	10.0	53	13.1	7.1	*9.5	*11.3	22	2.0	2.0	*2.5	*4.0
23	66	4.0	4.0	5.5	9.5	58	3.3	4.0	4.5	8.5	44	2.3	3.0	5.5	9.0	22	0.0	2.0	*2.5	*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 COOK, AUSTRALIA

LAT. 30.6 S

LONG. 130.4 E

FEBRUARY 1965

TIME	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	159	4.0	2.1	10.5	16.5	135	4.1	4.1	9.0	16.3	111	8.0	4.1	9.5	17.0	93	6.9	5.6	5.5	11.5
01	*162					*139					*118					*99				
02	159	5.7	2.1	9.3	15.3	135	4.1	3.7	10.5	17.0	111	6.0	6.0	8.0	15.0	93	6.8	7.3	8.5	13.0
03	*161					*132					*106					*91				
04	159	2.0	4.1	10.5	16.0	133	2.0	5.7	11.0	17.5	109	4.1	6.0	8.0	15.5	88	8.6	6.6	9.0	16.0
05	*155					*129					*104					*81				
06	157	2.0	5.8	10.0	17.0	125	4.0	4.1	11.5	18.0	85	19.6	5.6	*9.5	*17.0	57	22.3	8.1	*6.8	*11.0
07	*151					*122					*79					*48				
08	155	3.6	3.6	12.5	19.5	119	5.7	2.1	12.0	20.0	87	8.2	9.8	*12.5	*20.0	49	30.6	6.0	*16.5	*29.0
09	*159					*125					*89					*44				
10	155	6.0	2.0	*12.8	*19.8	125	6.0	6.0	13.5	21.0	91	6.0	8.0	*11.5	*21.5	49	24.0	4.1	*6.5	*9.5
11	*161					*127					*97					*44				
12	155	5.7	2.0	12.5	20.8	125	5.7	2.1	10.8	19.3	89	9.6	4.0	10.5	19.5	45	24.0	1.3	*6.3	*9.3
13	*159					*123					*93					*50				
14	*158			*12.0	*19.0	*129			*8.0	*14.5	*97			*6.3	*12.3	53	14.3	6.1	*8.5	*15.0
15	*158					*127					*97					*55				
16	161	4.0	3.7	7.0	12.0	133	7.6	6.1	6.0	10.5	99	15.5	5.9	7.5	14.0	59	29.7	10.6	7.5	12.3
17	*155					*127					*99					*66				
18	161	2.0	5.7	7.3	12.3	132	7.0	4.7	7.5	12.5	107	6.1	7.6	8.0	13.5	81	8.9	7.7	6.5	12.8
19	*161					*135					*111					*91				
20	162	3.1	5.0	9.0	15.8	137	3.6	4.0	6.0	12.3	113	5.6	3.6	5.0	9.5	95	6.0	4.0	5.5	11.0
21	*161					*137					*115					*96				
22	161	3.7	3.7	10.5	16.5	137	3.6	5.6	7.5	14.5	113	6.0	5.6	8.0	15.0	95	6.8	4.0	6.5	13.5
23	*161					*134					*117					*100				

TIME	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	*72			*4.0	*7.3	*61			*5.0	*8.0	*47			*5.5	*9.0	*21				
01	65	8.1	4.1	6.5	11.0	58	9.5	3.6	5.0	8.0	42	5.8	4.1	5.0	8.5	22	1.9	0.0		
02	*70			*4.0	*8.0	*61			*3.5	*6.0	*47			*5.5	*9.0	*23				
03	65	6.8	4.0	6.3	12.0	60	3.3	4.1	*4.5	*7.5	38	4.0	5.7	5.5	7.5	22	1.8	0.0		
04	*69			*5.0	*8.8	*61			*5.0	*13.5	*44			*7.5	*11.0	*23				
05	63	7.8	4.0	7.0	12.0	58	6.3	3.7	*5.0	*8.5	34	5.7	3.6	4.0	6.0	22	1.9	0.0		
06	*58					*73					*41					*23				
07	43	12.0	6.0	*6.5	*13.5	41	8.6	3.3	6.5	10.5	38	2.1	4.0	*4.3	*6.3	22	2.1	0.0	*3.0	*4.5
08	*28					*33			*7.5	*11.5	*35			*4.0	*6.5	*25			*3.0	*4.5
09	*25			*6.8	*9.0	28	7.4	8.0	*10.0	*14.0	30	3.2	2.0	*4.3	*6.3	22	2.0	0.0	*3.5	*6.0
10						*27					*33			*6.0	*8.5	*25			*2.5	*4.5
11	*25			*5.3	*9.0	22	10.3	4.0	*6.3	*9.0	26	5.0	1.9	*4.5	*5.8	22	2.9	0.0	*3.0	*4.8
12						*25			*5.5	*9.0	*28			*5.0	*8.0	*23			*3.0	*5.5
13	*26			*7.0	*8.5	24	5.7	4.6	*5.5	*9.5	28	4.5	2.2	*5.0	*7.5	*24			*3.8	*5.5
14						*27			*4.0	*7.3	*33			*3.8	*6.8	*24			*3.0	*5.5
15	27	17.7	2.0	*5.0	*7.5	36	6.0	6.0	5.3	8.5	36	4.1	4.0	4.3	7.3	26	2.1	3.7	3.3	5.0
16	*27			*2.5	*5.0	*41			*3.0	*6.8	*42			*5.0	*8.3	*27			*3.0	*5.0
17	45	11.7	9.3	4.0	7.5	48	7.9	5.9	*4.0	*8.5	44	5.8	3.6	4.5	7.5	26	3.6	4.1	*3.0	*5.3
18	*58			*5.8	*10.0	*55			*5.5	*7.8	*47			*2.5	*5.5	*26			*3.5	*5.0
19	63	7.7	2.1	*4.0	*6.5	60	2.8	3.6	*4.0	*7.5	48	3.0	4.0	4.5	7.0	24	5.7	2.1	*2.8	*4.5
20	*68			*5.5	*9.0	*63			*4.0	*7.5	*51			*3.5	*6.5	*21				
21	69	4.0	4.1	5.0	9.5	62	1.9	4.1	5.0	8.5	60	12.0	14.3	6.5	10.5	*21	0.0	2.0	*2.5	*4.0
22	*70			*4.5	*9.0	*60			*4.3	*7.8	*54			*7.5	*12.3	*22			*2.5	*4.0
23	67	5.8	4.0	*5.5	*9.3	58	3.6	3.6	*3.3	*6.8	44	3.1	5.6	4.5	8.0	22	1.8	0.0	*2.5	*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 ENKOPING, SWEDEN

LAT. 59.5 N

LONG. 17.3 E

DECEMBER 1964

TIME	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	15.0	117	4.0	2.2	7.8	12.5	99	5.5	4.0	* 5.0	* 9.0	* 99				
01	150	2.0	2.0	10.0	16.0	117	7.5	4.0	9.0	13.8	103	4.1	6.1	* 4.5	* 7.8	99	6.3	8.3	* 2.0	* 2.5
02	150	2.0	3.3	10.5	16.5	117	5.9	4.1	9.5	14.5	101	5.7	7.9	* 6.0	* 10.3	* 99			* 1.0	* 1.0
03	150	3.5	2.0	11.0	16.8	117	6.1	4.0	8.5	14.0	105	4.0	9.5	* 3.3	* 6.8	* 95				
04	150	2.0	3.5	11.0	17.0	117	4.7	6.0	7.5	12.5	* 99			* 5.0	* 9.0	* 93				
05	150	2.0	3.5	11.0	17.3	115	6.7	6.0	10.0	16.3	99	4.1	3.9	* 3.5	* 7.5	89	8.2	16.8	* 1.0	* 1.0
06	150	2.0	3.3	11.0	17.3	115	8.0	6.0	11.0	16.5	107	6.0	4.0	* 6.0	* 11.0	* 85			* 2.0	* 2.5
07	150	3.6	4.1	12.0	18.3	113	6.0	4.1	9.8	15.5	* 106			* 5.3	* 10.0	65	18.0	9.1	* 0.5	* 2.5
08	148	4.0	3.7	11.5	17.5	* 107			9.8	14.5	* 91			* 5.0	* 9.0	* 67			* 1.0	* 2.5
09	146	3.7	4.0	11.5	17.8	* 103			* 9.3	* 14.8	* 94			* 8.5	* 11.0	* 74			* 2.5	* 4.5
10	144	5.6	4.1	11.0	17.5	* 101			* 10.8	* 16.8	* 91					65	8.6	12.0	* 1.5	* 2.5
11	144	3.1	3.1	10.0	16.5	* 98			* 12.3	* 18.5	* 97			* 4.0	* 7.0	* 64			* 1.0	* 3.0
12	144	2.9	2.0	9.3	14.5	* 94			* 10.0	* 14.3	* 95					* 71			* 1.8	* 2.3
13	144	4.0	2.0	7.8	13.3	* 97			11.5	15.0	* 91					73	12.3	12.0	* 1.5	* 1.8
14	144	2.5	2.0	8.0	12.8	* 101			* 11.0	* 15.0	89	6.1	4.3	* 5.0	* 8.3	* 85			* 0.8	* 1.0
15	144	5.5	2.0	6.8	11.8	* 105			* 13.0	* 17.3	* 93			* 5.0	* 8.0	* 85			* 1.0	* 1.3
16	146	2.1	2.1	8.0	12.5	109	3.8	7.8	10.5	16.0	95	4.8	8.3	* 4.0	* 8.0	* 81			* 1.5	* 2.5
17	148	2.0	3.5	7.5	12.3	111	6.0	4.3	9.0	13.0	95	7.5	8.1	* 6.5	* 10.0	87	12.3	9.7	* 1.3	* 1.5
18	148	3.6	2.1	7.5	12.0	113	6.0	2.1	5.8	10.3	97	8.3	6.1	* 5.0	* 9.0	94	7.1	26.5	* 2.8	* 3.8
19	149	3.0	3.0	7.5	12.5	115	6.0	4.0	6.8	11.0	99	6.0	4.9	* 4.5	* 9.0	93	6.6	5.6	* 2.8	* 3.3
20	150	2.0	4.0	7.0	11.5	117	3.6	4.1	7.3	11.5	99	6.0	6.0	* 5.3	* 10.0	99	4.2	6.6	* 3.0	* 3.3
21	150	2.0	4.0	6.8	11.3	115	6.1	2.1	8.0	12.8	100	9.3	5.2	* 6.3	* 9.8	101	4.0	8.0	* 1.5	* 1.5
22	152			7.8	13.0	117	4.0	4.0	7.5	12.0	100	6.9	5.4	* 3.0	* 6.5	* 100			* 2.0	* 2.0
23	152	0.0	4.0	7.8	13.0	117	4.0	4.1	7.5	12.0	101	5.2	7.8	* 2.5	* 6.5	* 100			* 2.0	* 2.3

TIME	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	* 54			* 5.0	* 7.5	51	7.5	2.0	4.0	7.3	35	4.3	4.0	2.5	4.5	22	0.0	3.5	1.0	3.0
01	56	3.3	4.0	* 5.0	* 7.5	58	9.0	10.5	* 6.5	* 9.3	35	6.0	4.0	2.8	4.5	22	0.0	4.0	1.0	2.5
02	56	2.1	2.1	* 5.0	* 7.5	55	8.0	6.7	5.3	8.3	35	6.0	4.0	3.5	5.5	20	2.0	2.0	1.0	2.5
03	54	2.1	2.0	4.0	7.5	53	8.4	6.0	* 5.0	* 7.8	33	4.0	2.3	2.0	3.8	22	0.0	2.1	1.0	2.5
04	54	2.9	4.0	* 5.0	* 8.3	55	4.2	6.4	4.5	7.8	33	3.7	2.1	2.5	4.0	20	2.0	2.0	0.8	2.5
05	52	5.1	2.0	* 5.5	* 9.0	55	8.0	6.3	6.0	10.0	31	5.7	0.0	1.3	3.0	22	0.0	4.0	0.5	2.0
06	54	6.0	4.0	5.0	8.0	51	6.9	4.9	* 9.0	* 12.3	33	2.0	2.0	1.5	3.0	22	0.0	3.5	1.0	2.5
07	52	8.0	2.0	* 4.8	* 7.5	49	5.1	2.0	* 5.5	* 8.0	35	2.5	2.5	2.3	4.5	22	0.0	2.0	1.5	3.0
08	50	1.5	4.0	* 5.0	* 8.3	* 51			* 4.0	* 8.0	49	0.0	4.0	* 10.5	* 13.8	22	2.0	0.0	2.0	3.5
09	39	10.9	3.1	* 6.0	* 8.5	* 49			* 3.8	* 6.0	46	2.7	6.9	* 8.5	* 10.5	24	11.3	3.3	* 2.3	* 3.8
10	* 44					* 42			* 3.5	* 5.0	* 45			* 11.0	* 15.0	* 24			* 2.0	* 3.5
11	* 36					35	25.7	6.1	* 3.3	* 4.8	45	4.1	6.0	* 7.8	* 11.0	24	10.6	4.0	* 2.5	* 4.3
12	44	10.3	6.6	* 4.5	* 7.0	35	34.9	4.9	4.0	6.5	* 43			* 6.5	* 10.0	22	2.7	0.0	2.0	3.5
13	* 44					39	33.7	6.3	* 5.0	* 11.0	43	6.3	2.1	* 6.8	* 9.0	22	2.0	2.7	* 2.0	* 3.8
14	* 38			* 3.5	* 6.0	46	31.3	8.9	* 4.5	* 8.8	* 41			* 7.0	* 10.0	22	1.9	2.2	1.3	3.0
15	* 44			* 4.3	* 6.5	45	28.6	4.0	* 2.0	* 4.5	41	8.6	4.0	* 6.0	* 8.3	22	0.0	2.0	1.0	2.8
16	50	8.3	8.3	* 4.0	* 6.5	* 58			* 12.8	* 17.0	39	3.7	4.1	* 5.3	* 7.5	22	0.0	3.5	1.0	3.0
17	50	9.7	5.7	* 4.0	* 7.0	57	11.8	11.8	7.5	11.0	37	4.0	4.0	2.5	4.5	22	0.0	2.0	1.0	3.0
18	54	4.1	3.7	* 4.5	* 7.0	54	5.1	8.8	* 5.3	* 8.5	34	5.2	3.0	3.0	5.0	22	0.0	2.0	1.0	2.5
19	* 54			* 6.0	* 10.0	53	9.0	11.0	8.0	11.0	33	5.5	2.0	2.5	4.5	22	0.0	3.3	1.0	2.5
20	* 54			* 5.0	* 8.0	51	13.1	8.6	* 4.5	* 7.5	32	3.0	1.0	2.0	4.0	21	1.0	2.3	1.0	2.5
21	54	4.1	4.0	* 4.0	* 7.5	51	15.7	7.1	6.0	10.0	33	4.6	2.0	2.0	4.3	21	1.0	2.3	1.5	3.0
22	54	4.0	2.0	* 4.8	* 9.0	55	11.7	8.8	5.0	8.5	33	5.5	2.0	1.5	3.5	22	0.0	2.0	1.0	2.5
23	54	4.0	4.0	4.3	7.5	51	8.0	8.4	5.0	8.0	33	6.0	2.0	2.5	4.5	22	0.0	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_{am} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

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

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

MONTH-HOUR VALUES OF RADIO NOISE

STATION ENKOPING, SWEDEN

LAT. 59.5 N

LONG. 17.3 E

JANUARY 1965

H R. M 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	148	7.6	2.0	11.5	17.5	115	4.1	2.0	10.0	15.5	100	6.0	7.5	*10.0	*13.5	*101			*1.3	*1.0
01	148	7.9	2.0	12.3	18.5	115	5.0	2.0	9.5	14.5	104	2.3	4.4	*3.5	*6.5	*99			*3.5	*4.0
02	148	6.0	2.2	12.5	19.0	115	4.1	2.0	10.0	15.5	100	8.3	4.3	*5.5	*9.0	*101			*3.0	*3.0
03	148	6.1	2.2	13.0	19.5	115	4.0	2.0	10.5	16.5	*102					95	4.8	4.8	*2.0	*1.5
04	148	5.9	4.0	14.0	21.0	115	4.3	4.0	10.8	16.5	100	5.7	7.3	*4.0	*8.0	*88			*2.5	*3.0
05	148	5.9	4.0	12.5	20.0	114	4.9	5.1	10.3	16.5	*100			*5.3	*9.3	*85			*1.5	*3.0
06	148	4.4	4.0	12.5	19.3	113	4.0	4.5	12.3	18.5	*108			*3.5	*7.3	*86			*2.8	*3.0
07	147	7.5	3.0	13.0	20.0	110	7.0	3.2	11.0	17.3	*108			*6.8	*13.0	*79			*2.0	*2.3
08	146	6.6	4.0	13.0	19.0	103	8.7	2.7	11.0	15.5	*88			*4.0	*8.0	75	11.6	12.2	*4.5	*6.5
09	144	6.7	6.0	14.5	20.5	101	5.6	6.1	11.5	15.5	*92					*73			*2.0	*2.3
10	142	4.6	4.3	14.5	21.0	95	10.0	4.0	11.3	15.0	*96			*6.0	*12.0	*75			*6.5	*8.0
11	142	4.1	3.7	13.5	20.5	95	9.9	2.2	10.0	14.5	*92			*5.0	*9.0	*67			*2.8	*2.8
12	142	6.0	2.1	12.0	18.5	*95			10.8	14.3	*92					*71			*1.0	*2.0
13	144	3.5	4.0	9.8	15.5	93	8.0	4.0	9.5	13.3	*88			*5.5	*8.8	*74			*2.0	*2.8
14	144	2.9	4.0	8.5	14.0	95	8.1	4.1	*6.8	*9.5	92	6.1	12.0	*4.5	*7.3	85	3.9	9.3		
15	144	2.0	3.7	9.0	14.0	101	6.0	8.5	10.8	15.0	90	7.9	5.8	*5.0	*9.0	79	12.6	18.6	*2.5	*4.5
16	142	5.5	1.5	10.0	15.5	103	6.9	8.0	12.0	17.5	92	5.7	4.3	5.0	8.0	69	24.1	6.0	*4.5	*5.5
17	144	5.7	2.0	9.0	14.0	107	6.1	5.9	10.5	16.0	95	3.6	5.2			*81			*1.5	*3.5
18	146	4.0	1.5	9.0	14.0	111	5.7	4.1	8.0	12.8	100	5.3	4.0	*4.0	*8.0	87	10.6	16.6	*3.0	*4.3
19	148	2.0	2.0	8.5	13.8	113	5.6	4.0	8.5	13.5	102	3.1	8.0	4.0	8.0	*95			*2.5	*4.0
20	148	4.0	2.0	8.5	14.0	113	4.1	3.6	8.8	14.0	98	8.7	6.0	*6.0	*10.3	*99			*3.0	*4.0
21	148	3.7	2.0	9.0	14.5	115	2.1	4.0	9.0	14.0	102	6.0	2.0			*99			*1.8	*1.8
22	149	4.7	2.6	10.0	16.0	115	6.0	4.0	9.5	14.5	98	6.3	5.9	*3.5	*7.5	*99			*3.0	*3.0
23	148	6.0	1.5	10.0	16.0	116	4.6	3.1	9.5	14.8	102	4.2	4.2	*6.0	*10.0	*99	6.2	7.7		

H R. M 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	*57			*5.8	*9.3	52	2.1	4.0	4.0	6.5	33	4.0	2.0	3.3	4.8	20	2.0	2.0	2.0	3.0
01	57	18.3	4.0	*6.5	*11.0	54	10.0	6.0	5.0	7.5	33	4.1	2.0	3.0	4.5	20	2.0	2.0	1.5	3.0
02	55	7.2	2.0	*5.8	*8.8	52	11.4	4.0	5.0	8.0	33	4.0	2.0	2.5	4.5	20	1.7	2.0	1.5	3.0
03	55	7.5	3.5			54	7.4	8.0	*6.0	*9.0	33	4.3	2.0	3.0	4.5	20	2.0	2.0	1.3	2.8
04	53	19.7	2.0	*5.5	*8.0	50	7.5	6.0	*5.0	*8.0	31	5.9	0.0	1.5	3.0	20	2.0	2.0	1.5	3.0
05	53	6.1	2.1	*4.8	*7.3	50	12.0	6.0	*10.3	*13.8	31	2.5	0.0	1.5	3.0	20	2.0	2.0	1.5	2.5
06	53	6.0	2.0			49	12.6	5.0	*5.0	*7.5	31	2.3	0.0	1.0	2.5	20	2.0	2.0	*0.8	*2.3
07	*55			*4.5	*8.0	48	7.8	4.9	*4.0	*7.0	35	2.5	2.5	3.8	4.5	20	2.1	2.0	0.5	2.0
08	*51			*4.3	*7.5	50	5.5	4.0	*3.5	*6.0	47	6.0	10.0	*5.0	*7.5	20	2.7	2.0	1.5	3.0
09	43	4.3	5.7	*4.0	*6.3	44	3.9	6.1	*4.8	*7.3	*47			*13.5	*9.5	*20			*2.5	*4.0
10	*45					*37			*4.5	*7.0	*47			*10.0	*13.0	*24			*4.0	*6.0
11	*35			*4.5	*7.0	*32			*5.0	*7.5	44	5.3	8.7	*9.5	*12.5	*23			*3.0	*4.0
12	*39			*3.0	*6.0	32	4.8	4.0	*5.0	*7.0	*45			*10.0	*10.8	22	2.1	3.9	*2.0	*3.5
13	*37					31	5.4	2.9	*3.5	*5.0	*45					20	5.3	2.0	*1.8	*3.3
14	39	4.6	6.0	*3.5	*5.0	*40			*6.5	*9.0	*45			*6.0	*10.0	20	4.0	2.0	*1.5	*3.5
15	*45			*4.3	*6.3	44	2.9	4.0	3.0	4.5	42	3.1	3.1	*3.3	*5.0	20	2.0	2.0	1.5	3.0
16	49	10.8	2.3			61	7.6	5.0	*10.3	*14.3	41	5.7	5.5	*3.0	*5.0	20	2.0	2.0	2.0	3.0
17	*51					*58			*7.0	*10.5	38	6.3	3.0	4.3	5.5	20	2.0	2.0	1.0	2.5
18	*55			*7.5	*11.0	54	10.2	6.0	*5.5	*8.0	35	5.7	4.0	3.0	3.8	20	2.0	2.0	1.5	2.5
19	*52			*2.5	*5.5	54	9.4	5.0	*4.5	*7.0	31	4.0	0.0	*1.8	*3.5	19	2.5	1.5	1.3	2.5
20	*55			*3.5	*6.0	56	4.7	6.0	*7.0	*9.0	33	2.0	4.0	2.0	3.5	20	2.0	2.0	1.0	2.5
21	*53					58	6.9	4.9	4.0	8.0	32	3.5	3.0	*2.0	*3.5	20	2.0	2.0	1.5	3.0
22	57	18.6	4.0	*5.5	*8.5	56	8.5	4.5	*6.0	*9.3	33	4.0	2.1	3.5	3.3	20	2.0	2.0	1.5	3.0
23	55	6.2	3.6	*4.3	*8.0	52	6.7	4.7	*4.5	*7.5	33	2.3	2.0	1.5	3.0	20	1.7	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_{am} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

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

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

MONTH-HOUR VALUES OF RADIO NOISE

STATION ENKOPING, SWEDEN

LAT. 59.5 N

LONG. 17.3 E

FEBRUARY 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	2.0	2.0	9.0	14.0	119	2.1	6.0	8.0	12.3	*102			*6.5	*10.0	99	6.0	4.1	*3.5	*3.5
01	149	2.1	2.0	9.5	15.0	117	6.0	4.3	8.5	13.0	109	6.1	10.1	*5.0	*9.0	99	6.6	8.2	*0.5	*1.0
02	149	2.1	3.6	10.0	16.0	117	6.0	4.2	11.0	15.5	107	3.6	6.1			100	5.2	23.0	*3.5	*3.5
03	149	2.0	4.0	10.5	16.5	117	5.9	6.0	8.8	13.3	*107			*6.0	*8.5	95	6.2	21.3	*3.3	*3.0
04	149	2.1	4.0	11.5	17.3	117	4.3	6.3	10.0	14.5	105	9.5	11.5	*4.5	*8.8	95	8.3	11.7	*7.0	*9.0
05	149	3.7	4.0	11.5	18.0	115	7.7	6.0	10.5	16.3	107	6.0	8.0	*3.8	*7.0	91	4.0	13.5	*1.0	*1.0
06	149	2.0	4.0	12.0	19.0	113	4.0	4.0	11.0	16.0	113	6.0	10.8	*4.8	*10.3	75	10.0	11.4	*1.5	*1.5
07	147	4.0	4.0	13.0	19.5	109	6.0	4.4	12.3	18.3	*99			*4.3	*9.5	73	4.3	14.3	*2.5	*3.5
08	143	4.1	3.6	12.0	18.5	105	4.3	8.3	12.3	17.0	96	8.9	17.4	*4.5	*9.0	65	4.0	12.0	*2.5	*4.0
09	141	3.1	3.1	11.5	17.5	99	11.6	5.3	*11.5	*16.3	*91					60				
10	141	5.7	4.2	12.0	18.0	*94			*9.3	*12.3	*91			*7.5	*12.8	60	7.3	3.0	*1.5	*3.0
11	140	5.0	3.0	12.5	18.5	95	7.9	5.7	*7.5	*10.0	*91			*6.3	*10.5	61	5.2	8.0	*1.8	*2.3
12	141	4.0	2.0	10.0	16.5	95	10.6	6.6	*6.0	*8.8	97	4.0	22.6	*2.0	*5.5	58	8.3	5.0	*2.5	*4.0
13	143	4.0	4.0	8.5	14.0	97	6.8	6.3	7.5	11.0	*87			*5.0	*10.0	63	6.2	8.0	*1.0	*1.5
14	143	4.2	2.2	8.5	13.5	97	7.4	6.0	*5.5	*9.3	91	8.8	14.3	*6.0	*10.0	63	8.6	7.3	*1.8	*2.8
15	143	2.3	4.0	6.8	11.3	99	6.0	6.0	*8.5	*12.3	89	8.3	10.3	*5.8	*11.8	79	6.6	6.5	*1.5	*1.5
16	143	2.1	2.1	7.0	10.5	99	8.0	4.0	10.0	13.0	91	8.0	10.3			*67			*2.5	*4.5
17	143	2.0	4.0	6.5	10.5	103	8.6	4.0	9.3	13.5	93	8.5	6.0	*6.0	*10.0	*87			*2.5	*5.0
18	145	4.0	2.0	6.3	10.5	111	3.4	4.7	6.0	10.3	105	6.0	6.0	*4.0	*7.5	87	16.3	18.3	*4.0	*5.8
19	147	3.7	2.1	5.5	9.5	113	6.0	4.0	5.8	10.3	104	7.1	9.2	*3.5	*8.3	*97			*3.5	*3.5
20	147	3.7	2.0	6.0	10.0	113	8.0	0.5	6.5	10.3	105	8.0	6.5	*4.8	*9.0	101	4.0	7.7	*1.0	*1.0
21	149	2.0	2.1	6.5	11.0	115	7.7	6.0	6.5	10.0	105	7.9	4.1	*4.0	*7.5	99	5.9	6.2	*1.0	*1.5
22	149	2.0	2.0	6.5	10.5	115	8.0	5.7	7.0	11.5	103	8.0	4.6	*5.3	*10.5	*101			*2.5	*2.5
23	149	3.7	2.1	8.0	12.8	117	6.0	6.0	8.0	11.8	105	6.1	5.9	*5.5	*10.0	101	4.0	7.0	*3.3	*3.3

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	57	13.8	3.9	*5.0	*8.5	54	4.0	2.0	*3.0	*5.8	32	6.5	0.0	2.5	4.0	20	2.0	4.0	1.5	3.0
01	*59			*5.5	*9.0	56	11.1	4.0	*5.5	*9.0	34	6.0	2.0	1.0	2.5	20	2.0	4.0	1.0	2.8
02	57	14.9	2.2	*4.5	*8.0	56	9.3	4.0	*9.5	*13.5	34	4.0	2.0	1.0	3.0	22	0.1	6.0	1.0	2.5
03	55	8.8	4.0	*4.3	*6.8	56	5.1	5.1	6.0	9.5	34	6.1	2.0	1.0	3.0	22	2.0	6.0	1.0	2.5
04	57	11.4	5.7	*5.3	*9.5	54	4.7	4.0	9.0	11.5	32	4.1	0.0	2.3	3.8	22	1.9	6.0	1.0	2.5
05	55	8.8	6.0	*5.5	*9.0	56	11.5	6.0	*11.0	*15.5	32	2.4	0.0	0.8	2.5	22	0.9	6.0	1.0	2.5
06	55	5.5	4.0	*5.5	*10.5	*62			*14.0	*19.0	34	5.3	2.0	*3.0	*4.8	22	2.0	6.0	1.0	2.5
07	51	4.3	4.3	*4.3	*7.5	52	2.0	4.0	4.5	8.0	44	2.3	8.0	*10.0	*13.5	22	2.0	6.0	1.3	2.8
08	43	4.3	4.3	*5.0	*7.8	*45			*2.5	*6.5	45	5.2	5.2	*5.8	*8.0	22	2.7	4.0	2.0	4.0
09	*38			*6.8	*11.3	*40			*4.0	*8.5	*48			*8.0	*10.5	24	1.9	7.7	2.3	4.0
10	*35			*5.0	*7.3	*37			*4.3	*6.3	*48			*10.0	*13.0	*24			*3.0	*4.5
11	*37			*3.5	*6.5	*34			*3.3	*5.3	46	4.1	5.7	*9.5	*13.0	*24			3.5	6.0
12	*42			*4.3	*6.3	33	4.9	5.2	*4.8	*7.0	*45			*9.0	*12.0	22	3.7	4.0	2.5	4.0
13	*43			*4.0	*6.0	32	4.3	2.6	*3.5	*6.0	48	2.0	4.2	*8.0	*12.3	22	2.0	6.0	1.8	3.5
14	37	4.3	4.0	*5.0	*7.0	36	3.0	6.2	*2.0	*4.5	48	4.0	4.3	*7.5	*10.0	22	2.0	4.2	1.5	3.5
15	*43			*4.0	*7.0	40	6.1	6.1	*2.8	*4.5	46	3.6	4.3	*3.0	*4.5	20	2.3	3.7	1.3	3.3
16	*45					*60			*12.8	*17.0	50	3.6	6.1	*3.8	*6.3	20	1.9	4.0	1.5	3.0
17	47	4.8	6.0			63	1.0	3.6	*12.0	*16.3	46	3.7	6.0	*5.0	*7.3	20	2.5	4.0	1.0	2.5
18	*53			*4.5	*7.8	*64			*5.8	*9.0	42	3.5	8.0	4.3	6.8	20	1.1	4.0	1.0	2.5
19	*55			*4.0	*7.0	59	7.2	7.1	*3.5	*6.5	36	6.1	4.0	2.5	5.0	20	0.1	4.0	0.8	2.5
20	55	7.7	3.7	*4.3	*6.8	61	5.0	7.6	*7.5	*12.0	34	8.0	2.0	4.5	6.3	20	0.1	4.0	1.5	2.5
21	57	5.0	4.0	*5.8	*9.5	59	8.3	6.3	6.0	10.0	36	4.0	4.0	2.5	3.5	20	0.4	4.0	1.5	3.0
22	*55			*4.3	*6.8	58	9.3	6.6	*7.8	*11.0	34	6.5	2.0	2.0	3.5	20	1.0	4.0	1.5	3.0
23	57	5.7	5.8	*5.5	*9.0	54	3.9	4.0	*4.8	*7.8	34	6.0	2.0	1.5	3.0	20	2.0	4.0	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.

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

DECEMBER 1964

M D H	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											109	8.6	6.1			85	9.0	4.5		
01											109	7.1	5.5			85	9.6	5.5		
02											108	8.1	5.1			84	9.1	6.1		
03											109	7.0	5.5			83	9.5	7.6		
04											106	8.0	4.5			81	9.0	8.1		
05											104	8.5	3.0			76	12.7	6.5		
06											104	7.5	6.0			72	15.7	6.0		
07											98	9.2	5.0			62	8.5	3.0		
08											93	5.0	2.5			56	5.0	2.0		
09											92	6.0	2.5			56	4.0	2.0		
10											93	5.6	4.0			56	4.6	3.0		
11											92	9.0	3.0			56	5.0	2.0		
12											91	8.1	2.0			57	4.5	2.5		
13											92	8.6	3.0			57	4.7	2.7		
14											92	11.1	3.5			57	4.6	2.0		
15											92	11.5	3.0			58	4.0	2.0		
16											89	12.7	2.0			61	7.6	4.0		
17											92	15.1	3.0			68	12.0	7.0		
18											101	12.2	7.0			73	14.6	4.5		
19											103	11.2	5.0			77	12.5	4.0		
20											106	9.1	4.0			81	10.6	4.0		
21											106	8.5	4.0			84	6.6	5.1		
22											107	9.1	4.5			84	8.6	3.5		
23											106	11.5	3.5			84	9.5	3.5		

M D 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	59	8.1	6.5			54	9.6	4.0			33	2.5	2.0			22	1.0	1.0		
01	59	8.5	7.5			54	9.2	4.5			32	4.1	1.5			22	1.0	1.0		
02	59	8.6	8.0			55	8.2	5.0			33	2.6	1.6			22	0.5	1.0		
03	58	10.0	6.5			56	6.5	5.0			34	2.0	2.7			22	1.0	1.0		
04	59	8.6	6.5			54	8.0	3.5			33	4.7	1.0			23	1.0	1.0		
05	58	8.2	6.0			53	8.5	3.0			33	3.8	1.5			23	1.0	0.0		
06	54	11.6	3.5			51	8.5	2.0			34	3.1	2.0			24	0.5	1.0		
07	53	5.0	5.5			50	7.0	2.0			35	7.5	3.3			24	1.0	1.0		
08	40	7.5	5.5			43	4.2	2.5			36	4.8	2.0			25	1.0	1.5		
09	36	6.1	6.0			39	3.5	3.5			34	3.1	2.0			24	2.0	0.5		
10	36	4.1	6.5			37	3.0	5.1			33	3.0	2.0			24	2.0	1.0		
11	34	6.1	6.0			35	4.0	4.0			33	2.5	2.0			24	2.0	1.0		
12	33	5.5	4.0			32	4.0	4.5			33	2.7	2.0			24	2.0	1.0		
13	36	7.0	5.0			33	3.5	4.0			34	2.7	3.0			25	1.5	1.5		
14	36	7.0	5.5			34	5.0	4.1			35	3.0	1.8			25	1.0	1.5		
15	36	13.2	5.0			39	3.0	5.5			36	2.9	1.1			25	1.0	1.5		
16	42	9.2	5.1			48	5.0	4.0			39	5.9	1.0			25	1.0	1.0		
17	50	10.0	6.5			52	8.0	2.5			39	4.3	3.0			24	1.0	1.0		
18	53	10.0	6.0			53	10.5	3.0			37	3.0	2.0			24	1.0	1.0		
19	54	9.5	5.0			54	8.5	4.0			36	3.0	2.0			24	1.0	1.0		
20	58	8.5	6.0			55	7.1	4.5			33	3.0	2.0			22	2.0	1.0		
21	59	7.6	7.0			55	6.0	5.0			33	2.0	2.0			22	1.5	1.0		
22	59	7.5	8.1			55	7.0	5.0			33	2.0	2.0			22	1.0	1.0		
23	59	8.1	8.5			54	10.0	3.0			33	2.0	2.0			22	1.0	1.0		

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

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

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