

MONTH-HOUR VALUES OF RADIO NOISE

STATION COOK, AUSTRALIA

LAT. 30.6 S

LONG. 130.4 E

MARCH

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	158	4.0	4.0	9.5	15.0	131	6.0	7.5	10.3	16.8	109	6.0	6.0	9.8	17.0	92	6.3	7.0	8.5	15.3
01	158	4.0	5.1	9.3	14.0	130	5.0	6.3	10.3	16.0	107	6.0	6.0	9.5	16.3	91	7.3	6.0	9.0	16.0
02	158	3.5	4.0	8.0	14.0	129	7.7	4.0	10.0	15.5	106	6.7	5.0	9.0	15.0	91	4.0	7.5	9.0	16.0
03	156	5.6	2.1	9.3	15.0	128	4.3	4.6	9.5	15.0	105	8.0	6.0	8.5	14.3	89	7.6	5.7	* 8.0	*15.0
04	156	2.0	2.0	9.5	15.5	127	6.0	4.0	11.0	16.0	105	6.1	6.0	9.5	17.0	89	5.6	5.7	8.5	16.0
05	156	3.9	3.7	10.3	16.3	127	5.7	4.0	11.0	17.3	103	5.7	5.6	10.3	17.5	85	9.0	6.0	* 9.3	*17.0
06	156	2.0	2.0	10.0	16.0	123	2.2	5.9	10.5	16.0	83	14.0	2.0	*12.0	*18.0	53	15.8	6.0	* 8.5	*11.0
07	154	2.0	4.0	10.5	17.0	119	4.0	8.0	*10.5	*17.3	71	13.9	4.1	*13.5	*20.0	45	19.4	2.5	* 9.8	*12.5
08	152	5.5	2.0	11.5	18.0	115	8.0	7.6	13.0	19.0	75	12.6	7.3	*12.0	*18.0	45	13.9	2.1	* 4.5	* 6.5
09	152	4.0	2.5	12.5	18.5	117	6.0	8.0	*14.0	*22.5	79	8.1	7.9	*15.5	*21.0	45	16.7	2.7	* 4.3	* 6.3
10	152	3.9	2.2	13.5	20.0	117	6.0	6.5	15.0	23.0	81	8.3	10.3	*13.5	*21.5	45	14.8	2.3	*14.0	*19.0
11	152	4.1	5.6	14.0	20.5	119	6.0	11.7	*15.3	*24.5	83	8.1	13.4	*13.0	*22.5	45	20.9	2.5	*17.3	*24.5
12	152	4.1	5.7	15.0	22.0	119	8.0	9.6	13.0	22.5	83	13.3	13.3	*13.3	*22.0	47	13.1	6.0	* 4.0	* 7.5
13	152	4.0	4.1	*11.5	*19.0	121	8.2	10.0	*12.5	*21.5	86	11.0	15.6	* 8.5	*15.5	* 49				
14	*154			*15.0	*22.5	*121			*13.3	*21.5	91	17.6	18.0	*12.5	*20.0	52	18.7	8.3	* 6.0	* 8.5
15	156	4.5	4.5	11.0	18.5	123	7.9	7.9	10.0	18.5	95	12.8	21.6	9.8	18.8	53	19.1	10.0	* 9.0	*12.5
16	158	4.0	6.1	10.5	17.5	126	3.2	11.1	8.0	15.5	93	12.1	21.8	9.0	16.5	53	19.9	7.7	* 6.0	* 9.0
17	158	4.0	6.0	9.5	17.3	123	8.0	10.1	9.0	16.0	96	11.1	18.7	10.5	18.3	61	13.7	10.1	* 9.3	*15.5
18	158	4.0	6.0	10.0	17.5	125	6.0	12.0	*10.3	*18.0	99	8.0	11.5	*10.0	*17.0	81	9.5	8.0	7.5	14.0
19	158	4.0	6.0	10.3	17.0	129	6.0	10.1	10.0	18.3	108	3.0	15.0	8.3	16.3	91	6.0	8.0	9.0	18.0
20	159	4.3	5.0	11.5	18.0	131	6.0	8.0	11.0	18.5	107	5.3	9.3	8.5	16.8	93	6.0	9.3	9.3	17.3
21	158	4.0	4.0	10.8	17.0	131	8.0	8.0	9.5	17.0	107	7.3	7.3	10.5	16.5	91	9.3	8.0	7.5	14.5
22	156	5.3	2.0	10.3	16.5	131	6.0	6.0	9.8	16.8	109	6.0	9.3	9.5	16.0	93	6.0	9.1	7.0	15.3
23	157	4.3	3.0	10.0	15.0	131	6.0	6.0	10.5	18.0	107	8.0	7.1	8.0	16.5	91	10.0	6.0	7.3	14.0

TIME M.H.	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	63	7.5	6.0	6.5	11.0	55	4.0	4.0	5.0	8.8	44	3.6	3.7	6.5	10.5	21	2.0	0.0	* 2.5	* 3.8
01	63	6.0	8.0	5.5	11.0	55	2.0	6.0	5.0	8.5	44	3.5	4.0	6.0	9.5	21	2.0	0.0	* 2.5	* 3.8
02	61	6.0	5.1	7.0	11.5	55	5.1	5.1	4.3	7.3	44	3.5	4.0	7.5	10.5	23	0.0	2.0	* 2.5	* 3.5
03	63	5.3	8.0	7.0	12.5	55	8.0	4.0	4.5	7.5	42	5.5	4.0	5.5	8.0	23	0.0	2.0	* 2.5	* 3.5
04	63	5.3	8.0	6.8	11.8	55	5.5	2.0	* 4.3	* 7.8	40	7.1	5.1	5.8	8.0	22	1.0	1.0	* 2.5	* 4.0
05	61	6.0	6.0	9.0	14.0	55	6.0	4.0	* 4.5	* 7.5	36	6.6	4.0	3.0	5.5	22	1.0	1.0	* 2.5	* 3.8
06	57	7.3	4.0	7.5	12.3	51	2.1	2.1	5.5	8.8	38	6.0	4.0	* 4.3	* 6.8	21	2.0	0.0	* 2.5	* 3.5
07	41	9.3	6.0	*10.0	*16.0	39	7.3	4.0	5.0	7.5	38	2.0	4.0	* 4.0	* 6.0	23	0.0	2.0	* 2.8	* 4.0
08	31	10.0	8.0	*11.0	*16.3	31	9.3	6.0	10.0	13.0	33	4.6	2.6	3.0	5.0	23	1.7	2.0	* 2.5	* 3.5
09	23	16.3	2.0	6.5	10.0	23	7.4	4.0	* 8.0	* 9.8	29	3.2	3.2	* 3.8	* 5.5	23	2.0	2.3	* 2.5	* 4.3
10	23	16.1	2.0	* 8.3	*11.3	21	11.5	5.9	* 6.0	* 9.3	26	4.1	2.1	3.5	5.3	23	2.1	2.0	* 2.5	* 4.3
11	23	16.0	2.0	* 6.5	* 9.5	21	11.0	6.0	* 6.8	* 8.8	26	2.0	4.0	* 3.5	* 5.5	21	2.0	0.0	* 3.0	* 5.0
12	23	17.5	2.0	* 8.5	*11.0	21	11.0	6.0	* 5.0	* 7.5	26	3.3	4.0	4.0	6.0	21	3.3	1.3	3.0	4.5
13	21	18.5	0.0	*14.5	*20.5	21	8.7	6.7	* 6.0	* 8.3	27	5.1	3.2	* 4.3	* 6.0	* 23			* 3.0	* 4.0
14	* 21			* 9.8	*13.8	* 25			* 8.5	*12.5	32	5.7	6.0	* 4.5	* 7.0	23	3.1	2.0	* 2.5	* 4.0
15	* 26	15.0	5.0	8.0	12.0	31	7.7	9.7	7.5	11.0	35	4.7	7.0	5.3	8.5	23	5.7	2.0	3.5	5.5
16	29	15.7	7.7	6.0	8.5	37	8.2	12.2	7.3	12.5	38	6.0	4.0	5.5	9.3	25	3.5	4.0	* 3.8	* 5.5
17	41	8.0	11.5	8.0	13.0	45	6.0	11.5	6.5	9.5	42	5.5	3.5	4.5	7.5	25	6.6	4.0	3.0	5.0
18	53	8.0	9.2	* 7.3	*11.8	51	6.0	6.0	5.5	10.0	46	4.1	4.2	* 4.8	* 8.3	23	2.1	2.0	* 2.5	* 4.0
19	65	3.6	9.7	7.5	13.0	55	4.0	8.0	5.5	9.5	44	4.0	3.6	* 5.3	* 8.8	21	4.0	0.0		
20	63	3.0	7.1	7.0	12.8	55	6.0	4.0	* 4.3	* 8.3	48	5.7	6.1	* 5.3	* 8.5	21	1.5	0.0	* 2.5	* 4.0
21	63	7.3	6.0	8.0	13.5	57	4.0	6.0	* 6.0	*10.5	58	19.5	16.0	7.5	16.5	21	0.0	0.0		
22	61	9.3	4.0	8.0	14.3	55	5.3	6.0	5.0	8.3	54	20.4	13.5	* 7.5	*14.5	21	1.3	0.0	* 7.0	* 9.5
23	62	7.6	7.0	6.5	11.5	55	4.0	6.0	* 5.8	* 9.5	42	6.0	4.0	* 3.8	* 6.5	21	2.0	0.0	* 4.3	* 5.5

* 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

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	157	3.0	1.0	7.8	12.0	127	6.1	2.0	9.0	14.5	106	6.7	5.0	7.5	13.5	86	6.0	4.0	6.0	10.5
01	157	2.5	2.5	7.5	11.5	129	2.0	5.3	8.8	14.0	107	4.5	6.5	7.5	12.5	86	5.6	4.1	6.8	11.8
02	159	0.6	3.0	8.0	12.3	129	3.3	5.3	8.5	13.3	107	4.3	6.6	6.8	12.3	86	6.0	4.0	7.0	11.5
03	157	2.7	1.0	8.5	13.0	129	2.0	4.0	7.5	12.0	105	6.2	4.5	7.5	12.5	84	7.5	2.0	6.0	10.5
04	158	1.5	3.3	8.0	13.5	129	2.0	4.0	8.0	13.0	106	3.6	6.6	7.5	13.0	84	7.0	4.0	6.5	11.0
05	157	2.0	2.6	9.3	14.5	127	4.0	3.3	7.8	13.5	101	7.7	4.7	7.5	12.0	80	7.7	3.9	6.3	11.3
06	157	2.8	2.8	8.8	14.5	123	4.1	3.8	8.0	13.0	93	4.5	10.4	* 8.0	* 13.0	59	12.3	8.3		
07	155	2.6	4.0	9.3	14.8	117	4.0	4.0	9.5	15.5	73	9.9	6.1	* 10.0	* 16.5	42	9.9	2.0	* 7.3	* 9.8
08	153	2.1	3.3	10.3	16.3	115	6.0	6.3	10.0	16.0	69	11.7	6.1	* 8.3	* 13.0	42	6.2	2.0	* 4.8	* 7.3
09	153	4.2	2.0	10.5	17.5	115	3.8	6.9	12.0	18.5	70	15.2	7.7	* 9.0	* 14.0	42	8.7	2.0	* 5.5	* 12.5
10	153	4.6	1.6	12.5	18.5	113	8.6	5.3	* 12.8	* 19.5	70	11.6	5.4	* 9.8	* 16.0	40	8.0	0.0	* 5.5	* 8.5
11	153	4.0	3.1	12.0	19.0	117	3.4	8.0	12.5	20.3	74	8.8	7.0	9.8	17.0	40	6.1	0.0	* 3.0	* 4.0
12	154	3.1	4.8	13.5	20.5	116	5.0	5.5	12.5	19.5	73	8.3	4.3	10.0	15.8	40	8.1	0.0	* 3.3	* 5.3
13	155	2.9	3.9	13.0	19.5	119	6.0	6.0	10.0	17.5	76	10.2	6.1	* 8.5	* 14.8	* 42			* 3.0	* 4.5
14	* 155			11.0	18.0	* 119			* 9.0	* 15.5	75	10.4	5.8	* 8.3	* 13.5	42	6.7	2.0	* 3.8	* 5.3
15	156	2.4	2.5	9.8	16.8	119	8.7	2.0	8.5	15.0	79	18.0	9.0	* 7.5	* 13.0	44	17.5	4.0	* 3.0	* 5.0
16	157	4.8	2.0	8.3	14.5	119	7.7	4.0	9.3	15.5	82	17.3	13.4	10.0	17.0	47	15.8	5.0	* 4.3	* 6.5
17	157	2.9	2.0	7.5	12.5	117	8.1	2.0	8.5	15.0	93	6.9	11.4	10.3	20.0	68	12.3	10.3	10.5	18.0
18	156	2.1	3.0	8.3	13.5	121	4.0	8.0	9.5	16.3	98	5.0	11.7	12.0	23.0	80	6.0	10.0	8.3	16.0
19	157	2.4	2.4	8.0	14.0	123	6.3	4.0	10.5	17.0	100	7.0	5.3	7.8	15.3	86	4.5	7.0	5.5	12.0
20	158	2.0	2.0	7.5	12.8	127	2.1	4.0	9.5	16.5	104	5.9	6.8	7.3	13.8	88	4.0	5.9	6.3	11.5
21	158	1.8	2.0	8.5	13.8	127	4.1	2.0	8.3	14.0	106	3.6	7.3	7.0	12.5	88	4.1	5.2	5.5	10.5
22	158	2.8	2.0	7.5	12.0	129	4.0	4.1	8.0	13.0	107	8.0	6.5	6.8	12.3	88	7.2	5.6	5.5	10.0
23	158	2.8	2.9	8.3	12.5	129	4.0	4.0	8.5	13.5	107	8.0	6.0	6.8	12.5	88	6.1	6.0	6.5	11.5

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	58	7.3	4.0	5.5	9.0	54	4.3	4.3	5.0	9.0	40	6.0	5.3	* 5.3	* 8.0	22	1.6	2.6		
01	58	6.6	4.0	6.0	10.0	53	7.3	2.0	5.5	8.5	40	5.6	4.0	* 4.5	* 6.5	22	2.0	2.6	* 2.5	* 3.5
02	58	5.3	3.3	5.0	8.5	53	4.0	2.0	4.5	7.5	38	3.6	3.3	4.0	6.3	22	1.6	2.6		
03	57	6.3	3.0	5.5	9.5	55	5.5	5.5	3.5	6.5	38	4.0	4.0	5.0	6.5	22	1.6	2.6	* 2.5	* 3.5
04	58	5.3	4.0	5.8	9.8	57	6.0	7.3	5.0	8.0	36	5.5	2.5	* 3.5	* 5.8	22	1.6	3.0	* 2.5	* 3.5
05	58	4.0	6.0	6.0	10.5	54	4.3	4.3	4.0	6.8	32	6.0	2.0	* 2.8	* 4.5	22	1.7	2.7		
06	56	6.1	6.1	6.0	9.8	53	2.0	5.3	4.0	6.5	36	4.0	4.0	3.8	5.5	23	1.0	3.0	* 2.5	* 3.5
07	40	8.6	5.3	* 7.0	* 10.8	45	2.0	5.3	4.0	6.5	38	3.6	3.6	* 3.3	* 5.3	23	2.6	3.8	* 3.3	* 4.8
08	25	12.3	4.6	* 8.8	* 12.0	31	8.0	5.6	* 7.5	* 11.0	34	4.3	4.0	3.5	5.5	23	3.1	3.0	* 2.5	* 4.5
09	22	8.8	2.0	* 4.0	* 5.5	22	10.0	5.5	* 7.5	* 12.0	30	4.0	3.5	3.0	5.0	23	3.4	3.4	* 3.5	* 4.5
10	22	7.8	2.0	* 8.0	* 10.5	21	8.7	6.0	* 7.5	* 10.0	25	5.0	1.0	* 3.5	* 5.0	22	3.7	3.0	* 3.0	* 4.5
11	22	4.0	2.0	* 6.3	* 9.0	17	8.2	2.0	* 7.5	* 10.8	24	7.7	2.0	* 6.0	* 8.0	22	2.0	3.0	* 3.3	* 4.8
12	20	6.8	0.0			17	11.7	2.1	* 7.0	* 9.5	24	6.4	2.0	3.0	5.0	21	4.3	3.5	3.3	5.0
13	20	2.2	0.0	* 4.0	* 5.5	17	13.9	2.0	6.0	9.5	27	5.1	5.0	5.0	7.5	* 23			* 3.8	* 5.8
14	* 20			* 5.0	* 6.5	17	15.6	2.0	* 7.8	* 12.0	30	9.4	6.0	* 5.0	* 7.5	23	5.7	3.5	* 3.5	* 5.3
15	24	7.0	4.0	5.5	8.0	26	8.9	5.5	7.3	11.8	34	4.4	5.0	5.5	9.0	23	6.4	2.1	* 2.8	* 4.5
16	28	13.2	6.0	* 6.8	* 10.5	35	11.3	6.1	7.5	12.0	38	4.0	3.8	5.5	9.0	23	5.8	3.0	* 3.0	* 4.5
17	38	15.7	5.6	9.3	13.8	45	8.0	7.7	5.5	9.5	40	4.1	3.6	6.3	9.5	23	9.5	2.1	* 2.5	* 4.0
18	54	4.2	8.0	6.8	12.8	53	4.0	6.0	5.5	11.0	40	4.0	2.2	5.0	8.0	21	3.4	4.1	* 2.5	* 3.8
19	59	5.5	7.5	6.5	12.0	55	4.6	4.3	5.5	10.0	40	4.0	4.5	3.8	6.3	22	1.0	4.1	* 2.5	* 3.5
20	59	7.0	3.0	6.5	11.5	57	2.2	5.9	* 5.8	* 10.0	38	6.0	3.6	5.0	7.5	21	2.0	3.7	* 2.5	* 3.8
21	60	5.5	4.0	6.0	10.5	57	5.9	7.9	* 5.8	* 10.5	44	21.5	7.5	6.0	10.3	22	1.0	3.7	* 2.5	* 3.5
22	58	6.0	2.0	5.5	10.0	55	6.0	6.0	5.5	9.0	43	28.2	5.0	* 5.5	* 8.5	22	2.5	2.7	* 2.5	* 3.5
23	58	6.1	2.1	6.0	10.0	53	4.0	3.5	4.5	8.0	38	10.0	4.0	* 4.0	* 5.5	22	1.8	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 COOK, AUSTRALIA

LAT. 30.6 S

LONG. 130.4 E

MAY

1965

TIME H.M.	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	2.0	4.0	8.0	12.0	129	2.0	5.1	10.0	15.5	107	4.0	6.6	6.8	11.8	87	6.0	6.0	7.0	11.8
01	156	2.0	2.0	7.5	11.5	127	5.5	2.0	9.0	14.5	105	5.0	5.5	7.0	12.0	85	6.0	3.3	6.5	11.3
02	156	2.1	2.0	7.5	12.0	129	3.5	4.0	8.5	13.0	105	4.0	5.5	7.3	11.8	85	4.0	4.0	6.0	10.5
03	156	2.0	2.0	8.0	12.5	127	4.0	2.0	8.5	13.5	103	4.0	2.0	6.5	10.8	85	4.0	4.0	6.0	11.3
04	154	3.6	2.1	8.5	13.0	129	2.1	4.1	8.0	13.5	103	4.0	3.5	6.5	11.5	85	5.5	5.5	6.5	11.5
05	154	3.5	2.0	9.0	14.0	127	3.7	4.0	9.0	14.0	101	5.5	4.0	7.5	12.8	81	7.6	4.1	6.0	10.5
06	154	2.1	2.1	8.8	13.8	126	4.7	3.1	8.5	13.8	95	7.7	6.0	7.8	12.8	67	13.3	8.0	*7.0	*10.5
07	154	1.5	2.0	8.3	12.3	117	4.1	3.6	9.3	14.0	75	16.4	6.1	*6.3	*10.5	45	32.3	4.0	*13.8	*16.5
08	150	2.0	2.0	9.5	14.5	113	8.0	4.0	9.8	14.5	69	15.5	8.0	*14.8	*22.3	43	23.5	2.0	*4.0	*6.0
09	152	1.7	4.0	10.0	15.5	111	10.3	6.3	12.0	17.0	67	22.3	6.5	*9.0	*12.5	43	40.5	2.0	*9.3	*13.3
10	152	2.5	4.0	11.5	17.8	111	16.0	5.4	*12.0	*17.5	67	38.7	6.0	*11.5	*18.3	43	44.0	2.0	*16.5	*21.5
11	152	4.0	2.0	13.0	18.0	112	13.2	3.2	12.0	18.5	67	25.4	6.0	*10.5	*20.5	43	38.8	2.0	*9.3	*12.8
12	152	2.1	3.6	12.8	19.0	113	14.7	4.1	12.0	18.5	68	27.9	6.6	11.5	18.0	42	32.6	1.0	*3.0	*4.0
13	152	3.6	2.0	12.5	19.0	113	14.4	3.5	10.8	17.5	72	30.1	8.3	*12.8	*17.5	41	47.1	0.0		
14	*152			*11.8	*18.8	*115			*10.5	*16.8	69	27.4	6.1	*9.0	*16.0	43	18.9	2.0	*2.5	*4.5
15	154	2.3	4.0	10.0	16.0	115	12.2	4.0	8.3	13.8	69	27.5	5.5	*10.5	*16.5	46	33.4	5.0	5.5	9.3
16	154	2.1	2.1	8.3	14.8	115	14.1	4.0	9.0	14.5	78	16.3	13.0	10.5	20.0	55	17.0	11.5	*9.0	*17.8
17	154	3.1	2.0	8.5	14.5	115	16.0	4.0	9.3	14.3	91	16.0	10.0	12.8	23.3	73	17.9	12.0	*11.0	*21.0
18	154	3.5	3.5	8.0	13.3	119	13.3	6.1	12.0	18.0	95	14.0	8.0	10.5	20.0	78	18.7	5.1	8.8	17.3
19	155	3.0	2.3	8.0	14.0	123	9.7	5.7	11.3	19.3	99	12.0	6.0	9.8	18.0	85	12.1	4.1	6.5	12.5
20	156	3.5	2.0	10.0	15.5	125	7.3	5.3	9.5	16.8	103	8.0	5.5	8.0	15.0	87	8.0	6.0	6.5	12.5
21	156	3.3	2.0	9.5	15.0	128	5.6	5.0	10.0	16.5	105	9.1	7.1	7.5	15.0	87	9.1	4.0	6.3	12.0
22	156	2.0	3.1	9.5	15.0	129	4.0	6.0	10.0	16.5	106	7.0	5.0	7.3	14.0	89	7.1	7.1	6.0	11.3
23	156	2.0	4.0	8.0	12.5	129	4.0	5.5	9.5	15.8	107	6.0	6.0	7.5	13.0	89	7.5	7.5	6.0	11.8

TIME H.M.	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	8.0	5.3	6.0	9.3	52	5.3	6.0	5.5	8.3	38	4.0	4.0	*4.0	*7.5	22	2.0	1.7	*2.5	*4.0
01	56	9.1	4.0	7.0	11.0	50	6.0	4.0	5.8	8.3	36	6.0	4.0	*4.0	*6.0	23	0.5	3.1	*2.5	*4.0
02	56	5.3	5.3	6.0	9.5	50	5.1	4.0	5.5	8.5	36	8.0	4.0	4.0	6.3	23	1.0	2.5	*2.5	*4.0
03	56	5.1	7.1	6.5	10.5	50	4.0	3.3	5.5	8.0	36	3.3	4.0	4.5	6.5	23	1.1	1.8	*2.5	*3.8
04	54	5.3	5.3	*6.0	*10.0	50	4.0	4.0	4.5	7.5	35	4.3	3.0	3.5	5.5	24			*2.5	*4.0
05	54	5.5	5.5	8.3	12.3	50	5.1	4.0	6.0	9.0	34	4.0	4.0	*3.0	*5.0	24			*2.5	*3.5
06	54	3.7	7.7	9.0	13.0	48	3.7	2.1	5.3	8.0	32	6.0	1.5	3.5	5.5	24			*3.0	*4.5
07	44	13.2	5.7	*5.5	*8.3	46	4.0	6.0	5.5	8.8	36	3.5	2.0	*4.0	*6.0	24	5.0	2.0	*2.5	*4.0
08	27	10.0	6.9	*7.8	*11.0	34	11.5	6.0	7.0	10.0	34	5.5	5.5	*3.0	*5.5	24	0.3	3.1	*2.8	*4.0
09	24	20.7	4.0	*6.8	*9.0	26	9.5	6.0	*5.5	*7.5	28	8.7	2.0	*3.5	*5.3	23	0.9	1.9	3.0	4.8
10	24	22.6	4.0	*3.0	*5.0	23	25.0	7.0	*13.3	*19.3	26	6.5	2.0	4.0	5.8	22	2.9	1.4	*3.0	*4.5
11	22	22.0	2.0	*7.8	*10.0	24	21.1	10.0	*14.5	*25.0	26	8.3	4.0	*4.5	*6.0	22	2.3	4.0	*3.8	*5.3
12	22	17.6	2.0	*6.5	*10.5	20	17.4	6.0	*9.8	*13.3	26	8.1	2.1	*4.8	*6.5	22	2.0	2.0	3.0	4.5
13	20	20.0	0.0	*6.5	*10.3	18	22.8	4.0	*8.3	*13.0	27	12.3	3.0	*10.0	*13.5	*22			*3.5	*5.0
14	*22			*6.0	*11.0	*20			*11.5	*20.5	28	13.5	4.0	*5.8	*8.0	22	4.0	3.3	3.0	4.3
15	26	22.0	6.0	*7.0	*10.0	28	18.8	8.0	9.5	13.8	32	6.8	4.0	5.0	7.8	24	2.1	3.8	*3.3	*4.5
16	32	16.6	10.2	*9.5	*13.0	34	10.6	6.2	6.8	10.5	36	5.7	4.0	5.5	7.5	22	2.0	3.7	*3.0	*4.5
17	42	17.0	12.1	*8.5	*13.0	42	15.8	8.0	6.8	10.8	38	4.1	4.0	4.5	7.5	22	4.0	2.0	*3.0	*4.0
18	51	17.2	9.2	9.5	15.0	45	11.1	5.1	6.0	10.0	36	6.0	3.1	4.5	6.0	22	2.0	2.0	*2.5	*4.0
19	54	13.1	8.0	8.5	14.5	48	8.0	4.0	6.5	10.0	37	5.0	3.0	4.5	7.0	22	4.6	2.0	*2.5	*4.0
20	56	12.1	5.7	6.5	11.0	48	9.3	3.3	6.0	9.5	34	8.0	2.0	3.0	5.0	23	1.0	2.5	*2.5	*4.0
21	58	8.0	5.1	7.5	10.5	50	6.2	4.0	6.5	10.0	40	18.5	6.0	3.5	6.5	22	2.0	0.7	*2.8	*3.8
22	58	9.3	5.3	7.0	11.0	50	7.1	4.0	5.5	8.8	40	14.2	4.0	4.5	7.5	23	1.0	1.5	*2.5	*3.8
23	58	8.0	5.3	6.8	10.8	50	6.0	4.0	5.5	8.0	36	6.0	3.1	3.3	5.0	23	1.0	2.5	*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 USNS ELTANIN

LAT. 65.0 S

LONG. 135.0 W

APRIL 1965

M. D. 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	*158					*127					*94					*83				
01	*160					*125					*93					*80				
02	*161					*123					*92					*79				
03	*159					*123					*91					*80				
04	*160					*123					*94					*79				
05	*160					*123					*90					*77				
06	*160					*121					*90					*75				
07	*158					*115					*89					*75				
08	*156					*115					*88					*73				
09	*158					*112					*88					*73				
10	*156					*111					*86					*74				
11	*155					*111					*88					*75				
12	*154					*111					*88					*74				
13	*152					*113					*87					*74				
14	*152					*119					*89					*73				
15	*154					*122					*88					*76				
16	*156					*124					*90					*78				
17	*157					*126					*91					*82				
18	*157					*127					*93					*83				
19	*157					*127					*94					*83				
20	*158					*127					*92					*85				
21	*158					*126					*92					*84				
22	*157					*127					*92					*85				
23	*162					*129					*94					*85				

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	*50			*13.0	*16.0	*49			*13.5	*16.5	*33			*12.5	*14.5	*48			*11.0	*12.5
01	*44			*13.0	*15.8	*47			*11.8	*14.0	*35			*13.0	*15.5	*58			*11.5	*13.0
02	*49			*13.5	*16.0	*43			*13.5	*17.0	*37			*12.5	*14.5	*55			*11.3	*13.0
03	*50			*13.5	*17.0	*49			*13.8	*17.3	*31			*13.0	*14.5	*48			*11.5	*13.5
04	*44			*13.5	*16.3	*43			*14.0	*16.8	*31			*11.8	*13.8	*50			*10.5	*12.3
05	*44			*13.0	*15.5	*41			*13.3	*15.5	*31			*11.5	*14.0	*54			*11.0	*12.5
06	*42			*12.8	*14.5	*41			*13.0	*15.5	*27			*11.5	*13.3	*48			*11.0	*12.5
07	*38			*12.3	*13.8	*36			*12.0	*14.5	*31			*12.3	*14.5	*54			*11.0	*13.0
08	*39			*12.0	*14.0	*37			*11.5	*13.5	*31			*12.8	*15.8	*44			*11.5	*13.0
09	*38			*12.0	*13.5	*31			*12.0	*14.0	*29			*13.5	*16.0	*54			*10.8	*12.8
10	*38			*12.5	*14.0	*29			*12.0	*14.0	*29			*13.0	*15.0	*54			*11.0	*13.0
11	*38			*12.0	*13.5	*29			*12.5	*13.5	*29			*12.8	*15.3	*54			*11.0	*12.5
12	*40			*12.0	*13.5	*31			*12.0	*13.5	*34			*12.8	*15.0	*46			*11.5	*13.3
13	*42			*12.0	*13.5	*35			*12.0	*14.0	*38			*12.8	*15.0	*51			*11.5	*13.0
14	*56			*13.5	*20.0	*47			*14.0	*18.0	*33			*13.0	*16.0	*43			*11.0	*13.0
15	*43			*11.8	*13.5	*39			*12.0	*14.0	*30			*12.0	*14.0	*52			*12.0	*13.5
16	*50			*11.5	*13.8	*40			*12.0	*14.0	*29			*12.0	*15.0	*44			*11.5	*13.5
17	*54			*12.5	*14.5	*49			*12.5	*15.0	*39			*12.5	*14.8	*46			*11.0	*13.0
18	*54			*12.5	*15.0	*49			*13.0	*15.0	*39			*12.0	*15.0	*53			*11.5	*13.5
19	*56			*12.5	*15.0	*51			*13.5	*16.5	*33			*13.0	*15.8	*52			*10.5	*12.5
20	*58			*12.8	*15.8	*49			*13.0	*15.5	*41			*11.8	*14.3	*56			*10.8	*12.3
21	*52			*13.0	*15.5	*44			*12.5	*15.5	*35			*12.5	*15.5	*57			*11.0	*13.0
22	*56			*12.0	*14.5	*52			*12.0	*14.8	*37			*12.5	*15.5	*56			*11.5	*13.0
23	*49			*12.0	*14.5	*44			*14.0	*17.8	*34			*12.0	*15.3	*53			*11.0	*13.0

* 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 USNS ELTANIN

LAT. 65.0 S

LONG. 120.0 W

APRIL 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	*156					*123					*90					*81				
01	*156					*121					*90					*81				
02	*158					*123					*92					*79				
03	*158					*121					*92					*79				
04	*156					*123					*90					*77				
05	*156					*121					*92					*77				
06	*156					*123					*90					*77				
07	*156					*121					*90					*75				
08	*152					*113					*88					*73				
09	*164					*113					*90					*75				
10	*155					*112					*90					*75				
11	*154					*111					*90					*123				
12	*148					*109					*88					*75				
13	*148					*109					*88					*77				
14	*152					*109					*88					*75				
15	*148					*119					*90					*77				
16	*148					*117					*88					*77				
17	*150					*115					*90					*79				
18	*148					*121					*90					*83				
19	*154					*119					*90					*83				
20	*152					*121					*96					*81				
21	*152					*123					*90					*83				
22	*152					*123					*90					*83				
23	*154					*123					*90					*81				

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	*48			*13.0	*16.0	*49			*12.0	*15.0	*37			*11.3	*13.8	*62			*10.5	*12.8
01	*48			*13.0	*16.0	*45			*12.8	*16.0	*37			*13.0	*16.0	*48			*10.5	*12.3
02	*46			*14.5	*17.5	*50			*14.0	*16.5	*38			*11.0	*14.0	*51			*10.5	*12.5
03	*46					*53			*13.0	*16.5	*37			*13.0	*16.5	*62			*10.5	*12.5
04	*44			*14.0	*17.5	*49					*33			*11.8	*13.8	*62			*10.5	*12.8
05	*48			*13.0	*16.5	*47			*12.8	*16.3	*31			*11.0	*13.3	*50			*11.5	*13.5
06	*46			*14.0	*16.5	*43			*14.0	*17.3	*31			*13.5	*15.8	*44			*11.3	*13.3
07	*40			*12.5	*14.8	*39			*14.0	*16.8	*33			*12.0	*14.5	*62			*11.0	*13.0
08	*38			*11.8	*14.0	*37			*12.5	*15.3	*37			*13.3	*16.0	*58			*10.5	*12.5
09	*38			*11.0	*13.0	*33			*11.5	*13.8	*31			*11.5	*14.0	*62			*10.8	*12.8
10	*41			*11.0	*13.0	*30			*11.3	*13.5	*33			*12.3	*15.3	*52			*10.0	*13.0
11	*42			*14.0	*16.5	*29			*11.0	*13.0	*35			*14.0	*17.0	*58			*10.5	*12.5
12	*40			*10.8	*12.5	*33			*11.0	*13.0	*37			*13.5	*16.5	*60			*10.5	*12.5
13	*38			*11.0	*13.0	*33			*14.0	*18.0	*37			*12.0	*15.0	*52				
14	*46			*12.0	*12.5	*37			*11.5	*13.8	*35			*13.0	*16.0	*58			*11.0	*13.0
15	*52			*14.0	*18.0	*47			*13.5	*14.0	*41			*12.5	*15.5	*52			*9.8	*12.3
16	*48			*12.5	*16.5	*53			*11.8	*14.3	*45			*11.3	*13.8	*52			*10.5	*12.5
17	*54			*11.5	*14.0	*49			*11.0	*13.3	*41			*11.5	*14.0	*44			*10.5	*12.3
18	*51					*44			*12.0	*14.5	*41			*12.3	*15.0	*52			*11.0	*13.5
19	*54			*13.0	*14.5	*51			*12.0	*15.0	*39			*11.8	*14.3	*64			*10.5	*12.5
20	*52			*13.5	*16.0	*49			*12.0	*15.0	*41			*12.3	*15.0	*56			*11.0	*13.0
21	*52			*12.3	*15.0	*49			*12.3	*15.3	*43			*11.3	*13.8	*62			*10.5	*12.5
22	*52			*13.3	*16.3	*49			*12.5	*15.5	*39			*11.8	*14.3	*60			*10.0	*12.3
23	*50			*13.0	*15.5	*49			*12.8	*16.0	*39			*11.8	*14.3	*62			*9.8	*11.8

* 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.

MONTH-HOUR VALUES OF RADIO NOISE

STATION USNS ELTANIN

LAT. 65.0 S

LONG. 105.0 W

APRIL 1965

H. R. SOL. 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			*15.0	*17.3	*123			*15.3	*18.3	*90			*13.0	*14.8	*79			*13.3	*16.3
01	*156			*18.0	*20.5	*123			*16.3	*18.8	*92			*13.3	*15.3	*81			*13.5	*17.0
02	*156			*17.5	*20.3	*125			*16.3	*19.0	*90			*13.3	*14.8	*81			*14.3	*16.5
03	*156			*17.3	*20.3	*117			*15.8	*18.3	*90			*12.8	*14.3	*79			*13.8	*15.8
04	*154			*17.8	*20.3	*125			*15.5	*18.5	*90					*77			*13.3	*15.0
05	*158			*17.3	*20.3	*121			*15.8	*18.5	*90			*13.3	*14.8	*77			*12.8	*15.0
06	*156			*17.8	*20.8	*121			*17.0	*19.5	*90			*12.3	*13.8	*75			*12.0	*13.0
07	*154			*18.0	*20.8	*117			*16.0	*18.5	*88			*12.3	*13.8	*73			*12.0	*13.0
08	*152			*17.5	*20.3	*111			*15.5	*17.5	*88			*11.8	*12.8	*73			*12.0	*13.3
09	*150			*17.3	*20.3	*109			*13.5	*15.0	*90			*13.8	*15.8	*73			*12.0	*13.5
10	*150			*17.0	*20.0	*107			*13.0	*14.3	*86			*12.0	*13.0	*77			*13.0	*15.5
11	*152			*16.3	*19.5	*109					*88			*12.0	*13.5	*75			*12.0	*13.5
12	*152			*16.8	*19.5	*109			*12.0	*13.5	*86			*12.0	*13.0	*73			*12.0	*13.5
13	*152			*15.5	*19.0	*108			*13.0	*14.5	*87			*12.0	*13.0	*73			*12.0	*13.5
14	*152			*15.5	*19.0	*110			*14.0	*16.0	*87					*73			*12.0	*13.0
15	*152			*15.5	*18.5	*120			*14.5	*17.5	*94			*17.5	*21.0					
16	*154			*16.5	*19.5	*119			*15.5	*18.5	*86			*12.5	*13.5	*77			*12.5	*14.5
17	*156			*17.5	*20.0	*115			*14.5	*16.8	*88			*12.3	*13.0	*79			*13.0	*14.5
18	*154			*17.0	*18.5	*115			*16.3	*17.5	*90			*13.0	*14.0	*79			*13.3	*15.0
19	*156			*17.3	*19.8	*121			*15.8	*18.3	*88			*13.0	*14.5	*81			*13.8	*16.0
20	*156			*15.0	*17.5	*123			*15.5	*18.0	*90			*13.3	*14.8	*79			*13.8	*15.8
21	*158			*16.5	*19.3	*125			*15.3	*17.3	*92			*12.8	*14.3	*81			*13.3	*15.3
22	*158			*15.0	*17.3	*129			*15.3	*17.8	*90			*12.5	*14.0	*79			*13.3	*15.8
23	*158			*16.5	*19.5	*123			*15.5	*18.3	*92			*12.8	*14.8	*79			*13.0	*15.5

H. R. SOL. 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	*48			*12.0	*14.0	*51			*12.0	*14.5	*35			*11.5	*14.0	*62			*10.5	*11.5
01	*50			*13.5	*16.5	*51			*12.0	*15.5	*35			*12.0	*13.5	*58			*11.0	*12.5
02	*50			*13.0	*15.0	*53			*12.5	*15.5	*35			*13.0	*14.5	*62			*11.0	*12.5
03	*46			*13.5	*15.5	*47			*12.5	*15.0	*35			*12.5	*14.5	*58			*11.5	*13.0
04	*44			*13.0	*15.0	*51			*13.0	*15.5	*33			*11.5	*13.5	*58			*10.5	*12.0
05	*50			*12.0	*14.5	*53			*13.5	*16.5	*31			*11.0	*13.0	*60			*10.0	*11.5
06	*44			*12.0	*14.0	*43			*13.5	*17.0	*31			*10.5	*12.5	*62			*11.5	*13.0
07	*42			*12.0	*13.5	*45			*13.5	*16.0	*31			*11.5	*13.0	*64			*11.0	*12.5
08	*39					*37					*35			*11.5	*14.0	*60			*11.0	*12.5
09	*38					*33			*12.5	*14.5	*35			*13.5	*16.0	*60			*10.5	*11.5
10	*38					*31			*12.0	*13.5	*31			*11.5	*14.0	*58			*10.5	*12.0
11	*42					*31			*14.0	*15.5	*31			*12.5	*14.0	*58			*12.5	*13.5
12	*38			*12.0	*19.0	*31			*14.0	*16.0	*31					*58			*12.0	*13.0
13	*38			*13.0	*18.5	*33			*14.5	*16.0	*35			*12.5	*14.0	*56			*12.0	*13.0
14	*42			*12.5	*17.5	*39					*33			*12.0	*14.0	*56				
15	*42			*13.0	*19.5	*41					*42					*49				
16	*52					*45					*41					*46				
17	*50			*12.0	*16.0	*45					*37			*12.0	*14.0	*60			*10.5	*12.0
18	*52					*53			*13.0	*15.0	*39			*12.0	*13.5	*64			*11.5	*12.0
19	*50					*45			*12.5	*13.0	*37			*11.5	*13.0	*62				
20	*56					*51			*12.0	*13.5	*35			*13.5	*16.0	*62			*11.5	*12.5
21	*50					*47			*12.0	*15.0	*35			*12.5	*14.5	*62			*11.5	*12.5
22	*48					*45			*12.5	*15.0	*35			*11.0	*13.0	*62			*11.0	*12.5
23	*50					*45			*12.0	*14.5	*35			*11.0	*13.0	*60			*11.0	*12.0

* 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 USNS ELTANIN

LAT. 65.0 S

LONG. 90.0 W

APRIL

1965

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	*16.0			*16.8	*18.5	*128			*15.0	*18.3	* 96			*13.8	*16.5	* 85				*13.0	*16.8
01	*16.0			*16.3	*19.8	*128			*15.3	*18.3	* 96			*14.5	*17.0	* 85				*13.5	*16.0
02	*16.0			*16.3	*19.5	*129			*15.3	*18.0	* 95			*13.5	*16.3	* 84				*13.8	*16.0
03	*16.2			*16.5	*20.0	*129			*16.0	*19.0	* 96			*14.0	*16.8	* 82				*13.5	*16.5
04	*16.0			*17.3	*20.3	*129			*16.3	*19.3	* 96			*14.3	*16.8	* 81				*13.8	*17.3
05	*16.2			*17.5	*20.5	*129			*16.0	*18.8	* 94			*14.8	*17.0	* 79				*13.5	*15.3
06	*16.2			*17.5	*20.5	*129			*16.8	*19.8	* 94			*13.8	*15.8	* 77				*13.5	*16.0
07	*16.1			*17.5	*20.5	*124			*17.0	*19.5	* 90			*12.5	*14.3	* 75				*11.8	*13.3
08	*15.9			*17.3	*20.3	*119			*15.3	*18.0	* 90			*11.8	*13.3	* 73				*11.8	*13.3
09	*15.8			*16.5	*19.5	*113			*14.8	*17.3	* 88			*12.0	*13.3	* 73				*12.0	*13.0
10	*15.8			*16.0	*19.0	*113			*14.5	*16.5	* 88			*11.8	*13.3	* 73				*12.0	*13.3
11	*15.8			*16.0	*19.3	*111			*14.0	*16.5	* 88			*11.3	*12.8	* 75				*11.8	*13.0
12	*15.8			*15.5	*19.0	*110			*13.3	*15.3	* 88			*11.5	*13.0	* 73				*11.5	*13.0
13	*15.8			*16.0	*17.8	*111			*13.5	*15.3	* 88			*11.0	*12.5	* 73				*12.0	*13.5
14	*15.6			*16.0	*18.5	*111			*14.5	*17.5	* 89			*11.5	*13.0	* 74				*11.8	*13.3
15	*15.5			*15.0	*18.5	*113			*13.0	*15.5	* 90			*11.0	*12.5	* 73				*11.5	*13.0
16	*15.6			*14.5	*18.0	*115			*14.0	*17.0	* 88			*12.3	*13.3	* 77				*12.8	*14.8
17	*15.4			*15.3	*18.8	*116			*14.0	*17.3	* 90			*12.5	*13.5	* 80				*12.5	*15.5
18	*15.6			*16.3	*19.5	*120			*14.8	*18.0	* 94			*12.8	*17.3	* 83				*13.0	*16.0
19	*15.8			*15.8	*19.5	*121			*15.0	*18.0	* 90			*12.5	*15.0	* 83				*13.5	*16.0
20	*15.8			*16.3	*19.5	*124			*15.0	*18.0	* 94			*13.5	*15.3	* 85				*13.5	*17.0
21	*15.9			*15.0	*18.0	*125			*15.3	*18.3	* 94			*13.3	*15.8	* 86				*13.8	*16.5
22	*15.8			*17.0	*20.0	*126			*15.0	*18.0	* 94			*13.5	*16.0	* 87				*13.5	*16.0
23	*16.0			*17.0	*20.3	*127			*15.8	*18.8	* 95			*13.5	*16.0	* 86				*13.5	*16.5

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	* 50			*11.0	*13.5	* 48			*12.0	*15.0	* 36			*11.3	*13.5	* 58				*10.0	*11.5
01	* 46			*11.3	*13.8	* 49			*11.5	*14.5	* 35			*11.3	*13.8	* 58				* 9.8	*11.3
02	* 46			*11.8	*14.0	* 51			*11.5	*14.0	* 35			*11.0	*13.0	* 58				* 9.3	*11.0
03	* 49			*11.5	*14.0	* 49			*12.5	*15.0	* 34			*11.0	*13.0	* 56				*10.0	*11.8
04	* 48			*11.0	*13.5	* 49			*11.5	*14.0	* 35			*11.5	*14.0	* 56				*10.0	*11.5
05	* 56			*12.5	*16.5	* 52			*11.5	*14.5	* 34			*11.0	*13.0	* 56				* 9.5	*12.0
06	* 45			*11.0	*14.0	* 48			*11.8	*14.5	* 33			*10.8	*13.3	* 53				*10.3	*11.8
07	* 46			*14.0	*17.5	* 43			*12.5	*15.5	* 31			*11.5	*13.3	* 51				*10.0	*11.5
08	* 39			*10.5	*11.8	* 38			*12.0	*14.8	* 33			*11.5	*14.0	* 53				*10.0	*11.8
09	* 38			*10.0	*11.0	* 33			*11.0	*13.5	* 35			*14.3	*17.3	* 56				* 9.5	*11.0
10	* 38			*11.3	*12.5	* 31			*11.3	*12.5	* 31			*12.0	*14.5	* 60				* 9.8	*11.5
11	* 38			*10.5	*12.5	* 29			*11.5	*12.5	* 29			*12.5	*14.5	* 54				*10.0	*11.8
12	* 38			*10.5	*12.5	* 33			*10.0	*11.5	* 29			*10.5	*12.0	* 53				*10.0	*12.0
13	* 40			*10.3	*12.0	* 34			*10.8	*12.5	* 31			*11.0	*14.0	* 54				*10.0	*11.5
14	* 47			*11.5	*14.3	* 37			*12.0	*14.5	* 35			*13.0	*16.0	* 56				*10.0	*12.0
15	* 44			*12.0	*14.5	* 37			*10.0	*11.5	* 37			*12.3	*15.5	* 54				*10.0	*11.5
16	* 47			*10.8	*13.0	* 45			*11.0	*14.3	* 35			*11.5	*14.3	* 56				*11.3	*11.8
17	* 48			*11.0	*13.3	* 43			*10.8	*13.3	* 38			*11.0	*13.3	* 58				*10.3	*11.8
18	* 54			*12.5	*15.0	* 47			*11.5	*14.5	* 39			*11.5	*13.5	* 56				* 9.8	*11.5
19	* 55			*12.0	*15.0	* 49			*11.5	*13.5	* 41			*11.5	*14.0	* 56				* 9.5	*11.5
20	* 52			*11.0	*13.3	* 49			*10.5	*13.0	* 35			*11.0	*13.3	* 50				* 9.5	*11.5
21	* 56			*11.8	*14.3	* 52			*12.0	*14.0	* 39			*11.0	*14.0	* 51				* 9.8	*11.5
22	* 54			*12.0	*14.0	* 51			*11.5	*13.5	* 39			*11.0	*13.5	* 57				*10.0	*11.0
23	* 52			*11.5	*14.0	* 47			*11.8	*14.3	* 35			*11.5	*13.5	* 53				* 9.8	*11.5

* 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 USNS ELTANIN

LAT. 55.0 S

LONG. 90.0 W

APRIL

1965

H. R. U.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	*157			*14.0	*17.0	*129			*13.0	*15.8	*102			*13.0	*15.5	*89			*12.3	*14.8
01	*159			*14.0	*17.0	*132			*14.0	*16.5	*102			*13.0	*15.5	*89			*12.0	*14.5
02	*159			*14.5	*17.0	*131			*13.5	*16.3	*100			*13.0	*15.5	*87			*12.5	*15.0
03	*159			*14.3	*17.3	*131			*13.5	*16.0	*99			*13.0	*15.5	*87			*12.5	*15.0
04	*160			*14.0	*17.0	*131			*13.5	*16.5	*98			*13.0	*15.0	*84			*12.0	*15.0
05	*162			*14.5	*17.0	*133			*13.5	*16.5	*97			*13.0	*15.5	*81			*12.5	*15.0
06	*161			*14.0	*17.0	*129			*14.0	*17.0	*94			*12.5	*15.0	*77			*11.5	*13.0
07	*159			*14.5	*17.5	*127			*14.5	*17.3	*93			*12.5	*14.0	*75			*11.5	*13.0
08	*158			*14.5	*17.5	*120			*14.5	*17.0	*91			*11.5	*13.0	*75			*11.0	*12.5
09	*156			*14.5	*17.0	*119			*14.0	*16.5	*90			*10.5	*12.3	*75			*11.0	*12.5
10	*158			*14.5	*17.0	*117			*13.5	*16.5	*90			*11.0	*12.5	*75			*11.0	*12.5
11	*157			*14.0	*17.0	*114			*12.5	*14.3	*90			*11.0	*12.5	*77			*10.8	*12.5
12	*158			*13.8	*16.8	*113			*12.0	*14.5	*90			*11.0	*13.0	*75			*10.8	*12.5
13	*156			*13.8	*16.3	*111			*12.0	*14.0	*90			*10.8	*12.5	*75			*10.8	*12.3
14	*158			*14.0	*16.5	*111			*12.0	*13.8	*90			*10.5	*12.0	*75			*11.5	*13.0
15	*156			*12.8	*15.8	*113			*13.5	*15.8	*90			*10.5	*12.0	*77			*11.5	*13.0
16	*156			*13.8	*15.8	*117			*12.5	*14.8	*90			*11.0	*17.0	*77			*11.0	*12.5
17	*154			*13.0	*15.8	*118			*12.5	*15.0	*90			*10.5	*11.8	*79			*11.3	*13.8
18	*155			*14.0	*16.5	*122			*13.0	*16.0	*92			*12.0	*12.5	*84			*12.0	*14.0
19	*155			*14.0	*16.5	*122			*13.0	*15.5	*92			*11.0	*13.0	*84			*12.0	*14.0
20	*155			*14.0	*16.5	*122			*13.0	*16.0	*96			*11.5	*14.0	*88			*11.5	*14.0
21	*157			*13.5	*16.5	*128			*13.5	*16.0	*98			*12.0	*14.5	*88			*12.0	*14.3
22	*156			*14.0	*17.0	*129			*13.5	*15.5	*100			*13.0	*15.5	*89			*12.5	*14.5
23	*156			*14.3	*16.8	*127			*13.0	*15.5	*101			*13.0	*15.0	*89			*12.0	*14.5

H. R. U.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			*12.0	*15.0	*45					*37					*60			*9.5	*11.0
01	*51			*11.0	*14.0	*49			*10.5	*12.5	*37			*11.0	*13.0	*60			*9.5	*11.0
02	*50			*12.0	*15.0	*49			*11.5	*14.0	*35			*10.5	*12.5	*56			*9.5	*11.5
03	*50			*10.0	*12.0	*47			*12.0	*15.0	*35			*11.0	*13.0	*52			*9.5	*11.5
04	*50			*11.0	*13.0	*47					*37			*10.0	*12.5	*54			*10.0	*12.0
05	*48			*12.0	*16.0	*53			*11.5	*15.0	*37			*10.5	*12.5	*56			*9.0	*11.5
06	*46			*12.5	*15.0	*47					*37			*10.5	*13.0	*48			*9.0	*11.5
07	*44			*12.0	*14.5	*43			*11.5	*15.0	*35			*11.5	*14.0	*48			*9.5	*12.0
08	*42			*11.0	*13.0	*43			*12.5	*16.0	*37			*11.0	*14.0	*54			*9.0	*11.0
09	*38			*11.5	*12.5	*40			*10.5	*12.5	*42					*52				
10	*38			*10.5	*11.5	*31			*11.0	*13.5	*37			*14.0	*17.0	*56			*9.0	*11.0
11	*38			*15.0	*18.5	*32			*13.0	*15.5	*31			*12.0	*14.5	*54				
12	*39					*31					*31					*56				
13	*38			*9.5	*10.0	*31			*10.5	*12.5	*33			*12.0	*15.0	*56			*10.5	*12.5
14	*62					*37					*39			*13.5	*16.5	*53			*9.0	*10.5
15	*60					*43			*13.0	*15.5	*33			*11.5	*14.0	*60			*9.5	*11.0
16	*52					*45					*35					*55				
17	*48					*43					*34					*44				
18	*50					*46			*10.5	*12.5	*39			*10.0	*12.0	*54				
19	*50			*9.5	*11.5	*47			*9.5	*11.5	*37			*10.0	*12.0	*52			*9.5	*11.5
20	*52			*9.0	*11.0	*49			*9.5	*11.5	*35			*10.0	*12.0	*56			*10.0	*11.5
21	*54			*10.0	*12.0	*50			*9.0	*10.5	*36			*10.0	*12.5	*60				
22	*54			*15.5	*18.5	*52					*38					*56				
23	*54					*55					*38			*10.0	*11.5	*54			*9.0	*10.5

* 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.