



# MONTH-HOUR VALUES OF RADIO NOISE

STATION WARRENSBURG, MO.

LAT. 38.7 N

LONG. 93.8 W

FEBRUARY 1965

H R. M T.	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
00	149	9.0	7.0			*129	14.3	11.0			107	14.3	11.0			87	15.5	5.2		
01	149	11.0	7.0			*132		7.7			106	14.0	7.7			89	13.0	8.0		
02	150	10.0	6.0			*133		5.7			103	17.0	5.7			88	16.0	8.2		
03	151	10.5	7.5			*131		8.2			104	15.5	8.2			87	12.0	10.2		
04	151	8.5	9.0			*133		4.7			100	19.0	4.7			86	11.4	10.5		
05	149	10.5	7.0			*133		9.2			98	19.5	9.2			84	14.7	11.7		
06	149	12.0	7.5			*131		6.0			93	20.0	6.0			72	17.0	9.0		
07	149	6.5	7.5			*119		7.1			88	23.0	7.1			* 65				
08	147	7.4	7.7			*124		9.0			86	15.0	9.0			* 60				
09	145	12.2	8.1			*119		10.0			87	15.0	10.0			* 61				
10	145	12.7	5.7			*119		11.1			88	14.1	11.1			* 63				
11	145	11.0	5.0			*123		11.6			89	15.3	11.6			* 61				
12	147	10.3	7.0			*124		11.5			89	16.1	11.5			* 62				
13	147	12.3	5.0			*125		13.1			89	14.9	13.1			* 63				
14	148	9.3	6.0			*123		14.0			91	16.8	14.0			* 63				
15	149	8.3	7.0			*123		12.0			91	18.7	12.0			* 63				
16	145	12.1	5.0			*121		15.5			91	22.2	15.5			* 64				
17	145	11.0	6.9			*123		13.6			96	23.3	13.6			81	20.5	14.5		
18	145	11.9	5.1			*127		13.9			100	18.4	13.9			85	15.3	11.5		
19	146	11.2	4.2			*129		9.9			100	19.3	9.9			87	15.0	10.5		
20	147	10.0	5.2			*127		10.5			103	16.5	10.5			92	10.3	12.1		
21	148	8.7	6.6			*131		12.9			106	12.9	12.9			90	13.0	8.1		
22	148	10.4	6.5			*131		15.4			108	12.9	15.4			91	12.7	9.6		
23	147	13.9	5.1			*131		11.4			108	14.9	11.4			90	13.7	8.5		

H R. M T.	FREQUENCY (Mc)																			
	2.5				5				10				20							
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
00	* 62			3.5	6.0						* 34			2.0	4.5	* 24			* 2.0	* 3.0
01	* 61			* 4.5	* 8.0						* 34			* 1.0	* 3.0	* 24			* 1.0	* 2.5
02	* 64			4.0	8.0						* 34			* 1.3	* 3.5	* 25			* 0.8	* 2.5
03	* 64			* 5.3	* 11.0						* 34			* 2.0	* 4.0	* 26			* 1.0	* 3.0
04	* 64			* 5.0	* 12.5						* 34			* 1.5	* 4.0	* 26			* 1.0	* 2.5
05	* 64			* 4.5	* 9.0						* 33			* 1.3	* 3.8	* 26			* 0.8	* 2.5
06	* 59			* 4.0	* 7.5						* 43			* 3.0	* 5.0	* 26			* 1.0	* 2.5
07	* 50			* 1.5	* 3.8						* 48			* 2.0	* 5.0	* 26			* 1.0	* 3.0
08	* 48			* 1.5	* 3.5						* 49			* 1.8	* 3.8	* 26			* 1.5	* 3.5
09	* 48			* 2.0	* 4.0						* 44			* 2.0	* 4.0	* 28			* 1.3	* 2.8
10	* 48			* 1.0	* 3.0						* 42			* 1.5	* 4.5	* 28			* 1.0	* 3.0
11	* 50			1.0	2.5						* 42			* 3.0	* 7.0	* 28			* 2.3	* 4.5
12	* 50			* 2.0	* 3.5						* 43			* 2.0	* 4.5	* 28			* 2.8	* 3.5
13	* 52			* 1.0	* 3.0						* 42			* 2.5	* 5.3	* 29			* 1.0	* 3.0
14	* 53			* 1.0	* 3.8						* 44			* 3.0	* 6.5	* 29			* 1.3	* 3.5
15	* 52			* 1.8	* 4.3						* 47			* 2.0	* 5.0	* 27			* 1.5	* 3.8
16	* 52			* 1.3	* 3.8						* 48					* 26			* 1.8	* 4.0
17	* 52			1.5	3.5						* 48					* 26			* 2.0	* 3.5
18	* 60			3.0	7.8						* 44			* 2.0	* 5.0	* 24			* 0.5	* 2.3
19	* 62			* 3.3	* 7.0						* 38			* 2.5	* 5.0	* 24			1.0	2.5
20	* 60			* 4.5	* 9.5						* 36			* 1.8	* 4.0	* 24			1.0	3.0
21	* 60			* 5.0	* 10.0						* 36			* 1.5	* 3.5	* 24			0.8	2.5
22	* 62			* 2.8	* 6.8						* 34			1.0	3.0	* 24			* 1.0	* 2.8
23	* 64			* 3.5	* 8.0						* 34			1.0	3.0	* 24			1.0	3.0

\* Fewer than 15 days data on power measurements and no computations made for D<sub>u</sub> and D<sub>l</sub>.

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

F<sub>am</sub> = median value of effective antenna noise in db above ktb.

D<sub>u</sub> = ratio of upper decile to median in db.

D<sub>l</sub> = ratio of median to lower decile in db.

V<sub>dm</sub> = median deviation of average voltage in db below mean power.

L<sub>dm</sub> = median deviation of average logarithm in db below mean power.

# SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

BALBOA, CANAL ZONE    LAT. 9.0 N    LONG. 79.5 W    WINTER (\*\*\*, JAN., FEB.)    1964-65

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	153	4.0	4.0	12.3	14.0	153	4.1	4.0	13.0	16.0	151	4.0	4.0	10.5	12.8
.051	134	6.0	10.0	12.0	14.0	132	6.7	14.0	12.5	15.0	118	12.0	12.0	11.0	13.5
.160	114	6.0	8.0	10.5	13.5	110	10.0	20.0	12.8	16.0	90	22.0	16.9	9.5	11.0
.495	95	4.0	8.0	10.0	12.0	88	11.0	15.0	11.5	14.0	73	16.0	6.0	6.5	9.5
2.5	64	7.0	14.0	10.5	13.5	55	16.0	17.0	9.5	13.8	33	10.9	8.4	4.0	5.0
5	53	8.0	12.0	7.0	9.0	55	10.0	14.0	8.5	10.0	39	8.0	8.0	6.0	11.5
10	35	5.0	8.0	7.0	8.0	34	10.0	6.0	6.8	8.0	33	12.7	10.0	3.0	5.5
20	22	4.0	2.0	4.8	5.0	23	4.0	3.0	5.5	6.5	23	4.0	2.0	2.5	3.5

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	155	4.0	4.0	9.5	12.0	153	6.0	4.0	11.5	13.5	153	4.6	5.3	12.0	16.0
.051	126	8.0	14.0	9.5	11.3	128	8.0	10.0	11.0	14.0	132	6.0	10.0	11.5	15.0
.160	94	12.0	14.0	9.8	12.3	106	10.0	14.0	9.5	12.0	112	8.0	6.0	9.5	12.5
.495	73	10.0	6.0	5.5	5.5	87	8.0	14.0	8.0	10.0	93	6.0	6.0	8.8	11.0
2.5	31	12.9	8.0	2.8	4.5	49	16.1	14.1	7.0	10.5	62	7.0	13.0	7.0	9.8
5	37	10.0	8.0	3.5	4.0	53	16.0	12.0	5.3	8.8	59	7.7	20.0	7.0	8.8
10	31	7.3	7.3	4.5	6.5	39	13.0	7.0	5.0	6.5	34	5.7	5.5	5.0	7.0
20	23	6.0	2.0	2.5	3.5	23	5.0	2.0	4.0	5.0	22	2.9	2.0	4.0	5.0

F<sub>am</sub> = median value of effective antenna noise in db above ktb.

D<sub>u</sub> = ratio of upper decile to median in db.

D<sub>l</sub> = ratio of median to lower decile in db.

V<sub>dm</sub> = median deviation of average voltage in db below mean power.

L<sub>dm</sub> = median deviation of average logarithm in db below mean power.

# SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

BILL, WYOMING

LAT. 43.2 N

LONG. 105.2 W

WINTER (DEC., JAN., FEB.) 1964-65

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	154	4.0	4.0	9.0	14.5	154	4.0	4.0	10.0	15.5	150	6.0	4.9	9.5	15.0
.051	130	4.5	5.0	3.0	7.0	129	5.0	6.6	2.8	7.0	119	7.0	9.0	2.5	6.5
.160	99	12.0	8.0	7.5	13.0	89	14.0	12.0	6.5	11.5	71	13.4	6.0	3.0	4.5
.495	82	10.0	8.0	6.5	11.5	68	14.0	14.0	5.0	9.0	54	10.0	4.0	2.0	4.0
2.5	55	8.0	6.0	4.0	7.0	51	8.0	6.0	3.5	6.5	27	10.0	6.0	2.0	3.5
5	52	6.0	4.0	4.0	7.5	50	6.0	4.0	4.0	7.0	32	10.0	6.0	2.0	3.5
10	33	9.0	3.0	2.0	4.0	36	6.0	5.0	2.5	5.0	36	5.3	4.0	2.5	4.5
20	26			1.0	2.5	26	1.0	1.0	1.0	2.0	27	2.0	1.0	1.5	3.0

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	150	6.0	4.0	10.3	15.5	150	6.0	6.0	11.5	17.0	152	6.0	4.0	10.5	16.0
.051	119	8.0	9.0	3.0	7.0	124	8.0	6.0	3.0	7.0	128	6.0	3.0	3.0	7.5
.160	71	15.5	6.5	3.0	4.5	91	16.0	13.0	7.0	11.5	98	14.0	9.0	7.5	13.0
.495	54	12.0	4.0	2.0	4.0	74	15.1	15.1	4.5	8.5	82	12.0	6.0	5.5	10.5
2.5	25	8.1	4.0	2.0	3.5	49	10.1	14.0	3.0	5.0	55	8.0	4.0	4.0	7.0
5	30	11.0	4.0	2.0	3.0	51	6.0	7.0	3.0	6.0	54	5.0	5.0	3.5	7.0
10	37	6.0	5.0	3.0	5.5	36	10.0	6.0	2.5	4.5	32	6.0	3.0	1.5	3.0
20	27	3.0	2.0	2.0	3.0	25	1.0	1.0	1.0	2.0	25	1.0	1.0	1.0	2.5

F<sub>am</sub> = median value of effective antenna noise in db above ktb.

D<sub>u</sub> = ratio of upper decile to median in db.

D<sub>l</sub> = ratio of median to lower decile in db.

V<sub>dm</sub> = median deviation of average voltage in db below mean power.

L<sub>dm</sub> = median deviation of average logarithm in db below mean power.

# SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

BOULDER, COLORADO    LAT. 40.1 N    LONG. 105.1 W    WINTER (DEC., JAN., FEB.) 1964-65

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>ℓ</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>ℓ</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>ℓ</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	154	6.0	5.7	10.5	16.0	153	6.0	5.0	12.0	18.0	149	8.0	5.4	11.5	16.5
.051	136	6.6	6.0	4.5	9.5	134	6.0	7.0	3.5	8.3	127	7.0	10.0	3.5	8.0
.160	98	15.0	7.1	7.0	13.0	88	15.5	9.0	8.3	12.5	81	8.0	6.0	6.5	13.0
.495	82	11.0	8.0	7.5	14.0	69	15.1	7.0	5.5	9.5	63	6.0	4.0	3.0	6.0
2.5	55	8.0	4.0	4.0	6.5	52	8.6	6.0	3.5	6.0	43	4.0	4.0	2.5	4.0
5	54	6.0	5.1	4.8	8.0	52	7.0	8.0	4.0	6.5	39	6.0	7.0	2.5	4.5
10	35	8.0	7.0	2.8	4.5	37	7.0	7.0	2.3	4.0	36	7.0	7.7	3.0	4.8
20	23	2.0	2.0	1.5	2.5	23	2.0	1.0	1.8	3.0	25	3.0	2.0	2.0	3.5

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>ℓ</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>ℓ</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>ℓ</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	150	6.5	6.0	12.0	17.0	151	6.0	8.9	13.0	19.0	152	7.4	6.0	12.5	18.0
.051	125	9.0	11.2	3.8	8.8	131	5.0	7.0	4.0	8.5	135	5.0	7.4	4.5	9.0
.160	81	9.0	4.0	8.5	12.0	92	15.0	11.0	8.8	13.8	99	12.0	9.0	8.5	14.0
.495	64	5.0	4.0	2.5	5.0	75	15.0	11.0	5.0	10.0	82	13.0	8.0	6.0	11.5
2.5	43	4.0	3.0	2.0	3.5	51	10.0	7.0	3.0	5.0	55	10.0	4.0	3.5	6.0
5	39	6.0	5.0	2.5	4.5	54	6.0	7.2	4.0	7.0	56	7.0	5.2	4.0	6.5
10	37	5.0	8.0	2.5	4.5	35	11.0	6.0	3.0	4.5	32	6.2	7.2	2.0	3.5
20	25	3.0	2.0	2.0	3.0	23	2.0	2.0	2.0	3.0	23	1.0	2.0	1.5	3.0

F<sub>am</sub> = median value of effective antenna noise in db above ktb.

D<sub>u</sub> = ratio of upper decile to median in db.

D<sub>ℓ</sub> = ratio of median to lower decile in db.

V<sub>dm</sub> = median deviation of average voltage in db below mean power.

L<sub>dm</sub> = median deviation of average logarithm in db below mean power.

# SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

COOK, AUSTRALIA

LAT. 30.6 S

LONG. 130.4 E

SUMMER (DEC., JAN., FEB.) 1964-65

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	158	5.0	3.9	9.5	15.5	156	4.0	4.0	10.5	17.0	154	5.7	4.0	13.0	20.0
.051	135	4.0	4.0	9.5	16.0	127	8.0	8.0	10.5	17.5	121	8.0	4.0	11.5	20.0
.160	111	6.0	6.0	7.3	13.5	93	18.0	16.0	8.5	15.5	85	10.0	8.0	9.5	16.5
.495	91	7.0	7.0	6.5	12.5	62	27.9	18.0	6.3	13.0	47	18.6	8.7	4.0	7.0
2.5	65	6.0	6.9	5.5	10.0	54	11.5	20.5	7.0	12.8	22	11.0	3.0	6.5	9.0
5	58	5.0	4.0	4.5	8.0	53	7.0	18.0	6.0	9.5	24	11.0	7.0	8.0	11.5
10	42	5.0	4.0	5.5	8.5	37	5.1	4.0	5.0	7.5	28	5.0	3.0	4.0	5.5
20	22	0.0	2.0	2.5	3.5	22	1.0	0.0	2.5	4.0	22	2.0	0.0	2.8	4.3

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	157	5.0	7.0	10.0	16.5	160	4.0	6.0	7.5	13.0	160	4.0	6.0	10.0	16.0
.051	129	6.0	8.0	7.5	14.0	131	6.0	8.0	6.5	11.0	136	5.0	5.0	8.0	14.5
.160	93	8.0	10.0	6.0	11.0	101	14.0	10.0	6.0	10.5	113	6.0	6.0	6.0	11.5
.495	47	16.1	7.0	4.3	7.0	70	19.0	22.1	5.0	8.8	93	6.1	7.0	6.0	12.0
2.5	20	7.4	1.5	6.0	9.0	49	16.1	23.0	4.0	7.5	67	6.0	6.0	5.0	9.0
5	28	10.0	11.0	5.0	8.0	51	9.0	13.0	4.5	7.5	59	4.0	5.0	4.5	8.0
10	32	7.0	7.0	4.0	6.5	45	4.0	4.0	4.5	7.0	47	18.0	5.0	5.5	9.0
20	24	6.0	2.0	3.0	5.0	26	6.0	4.0	3.5	5.3	22	2.0	2.0	2.5	3.5

F<sub>am</sub> = median value of effective antenna noise in db above ktb.

D<sub>u</sub> = ratio of upper decile to median in db.

D<sub>l</sub> = ratio of median to lower decile in db.

V<sub>dm</sub> = median deviation of average voltage in db below mean power.

L<sub>dm</sub> = median deviation of average logarithm in db below mean power.

# SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

ENKOPING, SWEDEN      LAT. 59.5 N      LONG. 17.3 E      WINTER (DEC., JAN., FEB.)      1964-65

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	149	3.0	3.0	11.0	16.5	149	3.0	4.0	12.0	18.5	143	6.5	4.5	12.0	18.5
.051	117	4.0	4.0	9.0	14.0	115	4.0	6.0	11.0	16.5	101	8.0	8.0	10.5	15.0
.160	103	6.0	8.0	5.0	9.0	104	9.0	8.0	4.5	9.0	92	6.9	9.1	5.0	9.0
.495	99	6.0	8.0	2.5	2.5	85	12.0	20.0	1.5	2.0	65	12.2	8.2	2.0	2.5
2.5	56	6.2	4.0	5.0	8.0	54	6.0	4.0	5.0	8.0	43	9.0	8.0	5.0	8.0
5	54	10.0	6.0	4.5	7.5	52	8.3	6.0	5.8	9.0	42	13.0	10.0	4.0	6.0
10	34	5.0	3.0	2.5	4.0	33	4.0	2.0	2.0	3.5	46	4.0	6.0	9.3	12.3
20	20	2.0	2.0	1.0	3.0	22	-0.0	4.0	1.0	2.5	22	6.0	4.0	2.3	4.0

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.013	144	3.0	4.0	9.0	14.0	146	4.0	4.0	7.5	12.3	149	3.0	3.0	8.0	13.0
.051	97	10.0	6.0	10.0	13.5	111	6.0	10.0	8.5	13.0	115	6.0	4.0	8.0	12.5
.160	91	7.0	11.1	5.0	8.3	97	8.3	8.0	4.5	8.3	101	8.0	6.0	5.3	9.3
.495	71	16.0	14.0	1.5	2.0	90	9.0	23.0	2.5	4.0	99	6.0	6.0	2.0	2.0
2.5	41	8.2	6.0	4.0	6.5	51	9.0	7.0	4.0	7.0	55	6.0	4.0	4.5	8.0
5	37	25.3	7.0	3.5	5.5	57	8.5	9.5	7.0	10.0	55	9.0	6.0	5.5	8.0
10	44	6.0	5.0	7.0	9.5	37	9.0	6.0	3.0	5.0	33	5.0	2.0	2.0	3.8
20	22	2.0	4.0	1.5	3.5	20	2.0	2.0	1.0	2.5	20	2.0	2.0	1.5	3.0

F<sub>am</sub> = median value of effective antenna noise in db above ktb.

D<sub>u</sub> = ratio of upper decile to median in db.

D<sub>l</sub> = ratio of median to lower decile in db.

V<sub>dm</sub> = median deviation of average voltage in db below mean power.

L<sub>dm</sub> = median deviation of average logarithm in db below mean power.

## SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

FRONT ROYAL, VA.      LAT. 38.8 N      LONG. 78.2 W      WINTER (DEC., JAN., FEB.)      1964-65

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.135	106	8.9	6.0			102	8.0	8.0			91	5.0	4.0		
.5	84	8.0	7.0			73	13.0	12.0			57	4.0	4.0		
2.5	65	11.1	10.0			60	12.0	8.0			37	8.0	6.0		
5	55	6.0	5.0			53	6.0	4.0			38	5.0	5.0		
10	34	3.0	3.0			34	4.0	2.0			37	4.0	4.0		
20	22	2.0	1.0			24	1.0	1.0			24	2.0	1.0		

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>	F <sub>am</sub>	D <sub>u</sub>	D <sub>l</sub>	V <sub>dm</sub>	L <sub>dm</sub>
.135	90	8.9	3.1			95	12.0	6.0			105	9.0	6.0		
.5	58	4.0	4.0			70	13.0	10.1			83	8.0	5.0		
2.5	35	5.9	5.0			54	14.0	11.0			65	10.0	11.0		
5	34	5.0	3.6			53	7.0	7.7			55	8.0	5.0		
10	37	4.0	4.0			40	5.0	5.0			34	2.0	3.0		
20	25	2.0	2.0			24	1.0	1.0			22	2.0	1.0		

F<sub>am</sub> = median value of effective antenna noise in db above ktb.

D<sub>u</sub> = ratio of upper decile to median in db.

D<sub>l</sub> = ratio of median to lower decile in db.

V<sub>dm</sub> = median deviation of average voltage in db below mean power.

L<sub>dm</sub> = median deviation of average logarithm in db below mean power.