

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

BOULDER, COLORADO LAT. 40.1 N LONG. 105.1 W SPRING (MARCH, ***, *) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	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}
.013	148	14.0	2.0	13.0	19.5	148	10.9	6.0	12.0	18.5	146	10.2	6.0	11.5	16.8
.051	136	8.0	6.0	4.0	8.0	132	10.3	8.0	3.5	8.0	126	6.0	6.0	3.5	8.0
.160	112	11.3	23.3	8.5	16.3	90	28.2	14.2	6.3	9.5	88	15.6	14.0	5.0	8.5
.495	95	15.1	22.0	7.0	14.5	75	16.0	12.0	5.0	7.5	73	6.0	6.0	3.0	5.0
2.5	59	12.0	6.0	5.0	7.5	51	14.3	8.0	4.5	6.5	45	6.0	4.0	3.0	4.5
5	58	6.0	6.0	5.8	9.3	52	10.0	10.5	6.0	9.0	38	4.5	4.0	3.5	5.0
10	34	4.0	4.0	3.8	4.5	38	8.0	4.0	3.3	4.8	34	6.0	4.0	4.5	6.0
20	24	2.0	0.0	2.5	3.5	24	2.0	0.0	2.5	3.5	26	2.0	2.0	3.5	4.5

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	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}
.013	148	10.0	4.0	11.0	17.5	146	10.1	4.0	12.0	18.0	148	14.0	6.0	13.3	20.0
.051	130	4.0	4.0	3.5	8.0	130	4.0	10.0	3.5	7.8	134	6.3	4.3	3.8	8.0
.160	88	18.0	14.0	4.5	7.8	96	23.8	10.9	7.0	12.0	103	19.2	15.0	8.3	14.0
.495	73	6.0	8.0	3.5	6.0	78	23.0	13.0	5.5	9.8	95	14.0	20.1	6.5	11.5
2.5	45	4.0	3.5	3.0	4.0	51	14.0	8.0	3.5	5.3	57	10.2	4.0	4.8	7.5
5	40	4.0	6.0	3.5	5.5	52	10.0	10.9	4.8	7.3	56	8.0	4.0	5.3	9.0
10	36	6.0	4.0	4.0	6.0	44	6.0	6.0	5.0	7.8	38	10.0	6.0	5.0	6.3
20	26	5.1	2.0	4.0	5.5	24	4.0	1.9	3.0	4.0	24	2.0	0.0	3.3	4.0

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.

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

COOK, AUSTRALIA

LAT. 30.6 S

LONG. 130.4 E

AUTUMN (MARCH, APRIL, MAY) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	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}
.013	156	3.5	2.5	8.0	12.5	156	3.0	4.0	9.5	14.5	152	4.0	4.0	11.8	18.0
.051	129	4.0	4.0	9.0	14.5	125	6.0	8.0	9.0	14.5	113	10.0	5.7	12.0	18.5
.160	105	7.0	4.0	7.5	13.0	98	9.0	27.0	8.0	13.0	73	14.0	10.0	10.8	16.8
.495	87	8.0	5.0	6.5	12.0	77	12.0	34.0	7.0	11.5	43	16.0	3.0	5.0	7.5
2.5	58	8.0	4.0	6.0	10.0	55	8.0	14.0	6.5	11.3	24	15.0	4.0	7.0	10.0
5	53	6.0	5.0	5.0	8.0	51	6.0	8.1	5.0	7.5	25	12.0	9.0	7.5	10.5
10	40	6.0	6.0	5.0	7.5	36	6.0	4.0	3.5	5.5	28	8.0	4.0	3.5	5.5
20	22	2.0	2.0	2.5	4.0	23	1.0	2.2	2.5	4.0	22	3.0	2.0	3.0	4.5

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	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}
.013	154	4.0	4.0	11.5	19.0	156	4.0	4.0	8.5	14.5	157	3.0	3.0	9.0	14.0
.051	117	10.0	6.0	10.5	17.5	121	10.0	8.0	9.5	16.0	129	6.0	6.0	9.5	16.0
.160	77	22.0	12.0	9.5	16.5	95	14.0	18.0	10.0	18.5	107	6.0	8.0	7.5	14.0
.495	44	19.9	4.0	4.0	5.5	75	16.0	27.0	8.0	15.5	89	8.0	6.0	6.5	12.0
2.5	21	18.0	1.0	6.0	9.5	47	15.3	19.5	8.0	13.0	60	8.0	6.0	6.5	11.0
5	22	14.0	7.0	7.0	10.0	47	10.0	14.0	6.0	10.0	54	5.0	6.0	5.5	9.0
10	28	10.0	4.0	5.0	7.5	40	6.0	6.0	5.0	8.0	42	22.0	8.0	4.5	7.5
20	23	3.0	3.0	3.0	4.5	23	4.0	3.0	2.5	4.0	22	2.0	2.0	2.5	4.0

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.

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

USNS ELTANIN

LAT. 65.0 S

LONG. 135.0 W

AUTUMN (***, APRIL, *) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	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}
.013	160	4.3	4.8			160	12.0	6.0			156	14.1	3.6		
.051	125	4.3	4.0			123	25.3	8.0			111	13.8	0.0		
.160	92	6.0	2.0			90	13.0	2.0			88	8.2	2.0		
.495	81	2.3	3.1			76	13.6	2.3			73	51.6	1.7		
2.5	49			13.5	16.0	42			12.5	15.0	38			12.0	13.5
5	47			13.5	17.0	41	7.1	8.8	13.0	15.8	29			12.0	14.0
10	33	11.1	8.0	13.0	15.0	31	2.0	14.0	12.0	14.0	29	5.5	12.0	13.0	15.5
20	52	10.3	6.8	11.5	13.0	52	12.4	9.5	11.0	12.8	53	11.0	19.4	11.0	13.0

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	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}
.013	152	10.0	2.3			156	2.4	3.9			158				
.051	113	10.0	2.0			126	5.1	5.2			128				
.160	88	2.0	2.0			91	9.0	1.0			92				
.495	74	2.9	2.9			81	4.3	4.3			85				
2.5	43			12.0	13.5	54	8.9	15.7	12.5	14.5	55			13.0	15.5
5	34			12.3	14.5	49	7.0	14.0	12.8	15.0	51			12.8	15.5
10	34	7.4	12.9	12.5	15.0	35	10.6	7.3	12.5	15.0	39			12.5	15.3
20	48	11.8	24.4	11.5	13.0	50	13.5	14.4	11.0	13.0	56			11.0	13.0

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.

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

USNS ELTANIN

LAT. 65.0 S

LONG. 120.0 W

AUTUMN (***, APRIL, *) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	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}
.013	156					156					154				
.051	122					122					113				
.160	91					90					90				
.495	80					77					75				
2.5	48			13.0	16.0	44			13.5	16.5	38			11.3	13.5
5	49			12.8	16.0	44			14.0	16.8	33			11.3	13.5
10	37			12.0	14.5	32			12.0	14.5	33			12.8	15.5
20	58			10.5	12.5	59			11.0	13.0	60			10.5	12.5

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	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}
.013	148					150					152				
.051	109					119					123				
.160	88					90					90				
.495	75					80					82				
2.5	46			11.0	13.0	51			12.8	14.8	52			13.3	16.0
5	37			11.5	13.5	49			11.5	14.5	49			12.3	15.3
10	37			12.8	15.8	41			11.5	14.0	39			11.5	14.0
20	55			10.5	12.5	52			10.8	12.8	61			10.5	12.5

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.

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

USNS ELTANIN LAT. 65.0 S LONG. 105.0 W AUTUMN (***, APRIL, *) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	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}
.013	157			17.0	20.0	156			18.0	20.5	152			17.0	20.0
.051	123			16.0	18.5	121			16.3	18.5	109			13.8	15.3
.160	90			13.0	14.8	90			12.5	14.0	88			12.0	13.0
.495	81			13.5	16.0	76			12.5	14.5	73			12.0	13.5
2.5	48			13.3	15.3	44			12.0	14.3	38			99.9	99.9
5	51			12.3	15.3	47			13.5	16.3	31			12.5	14.5
10	35			12.3	14.3	31			11.3	13.0	33			12.0	14.0
20	60			11.0	12.5	60			10.8	12.3	59			10.8	12.3

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	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}
.013	152			15.8	19.0	155			17.3	19.8	158			16.3	19.0
.051	110			13.5	15.3	119			15.5	18.0	124			15.5	18.0
.160	87			12.0	13.0	88			12.5	13.5	91			13.0	14.5
.495	73			12.0	13.5	79			13.5	15.0	79			13.3	15.8
2.5	40			12.8	18.8	51			12.0	16.0	50			99.9	99.9
5	36			14.3	16.0	45			12.8	14.0	46			12.0	14.8
10	35			12.3	14.0	38			12.0	13.5	35			12.5	14.5
20	56			12.0	13.0	62			11.0	12.0	62			11.3	12.5

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.

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

USNS ELTANIN

LAT. 65.0 S

LONG. 90.0 W

AUTUMN (*** ,APRIL, *) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	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}
.013	160	2.0	9.8	16.5	20.0	162	2.0	9.1	17.5	20.5	158	4.0	10.0	16.5	19.5
.051	129	5.3	7.3	15.3	18.5	129	2.0	9.3	16.5	19.3	113	7.9	4.0	15.0	17.5
.160	96	4.0	7.3	14.0	16.5	94	2.2	6.0	14.0	16.5	88	3.9	2.0	11.8	13.0
.495	85	4.0	9.3	13.5	16.5	77	4.2	4.0	13.0	14.5	73	4.0	2.0	12.0	13.0
2.5	48	8.0	4.0	11.5	14.0	48	11.6	6.1	12.0	14.5	38	4.0	1.5	10.5	12.0
5	49	6.0	4.0	11.8	14.8	49	6.0	8.1	12.0	14.5	33	6.0	4.0	11.5	13.0
10	35	4.5	4.0	11.0	13.5	33	4.0	2.0	11.3	13.3	33	4.2	6.0	12.5	14.5
20	58	4.0	10.0	9.8	11.5	56	4.0	12.0	10.0	11.5	55	9.0	11.0	10.0	11.5

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	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}
.013	156	2.0	2.3	15.5	18.8	156	2.7	7.4	16.0	19.5	158	4.0	9.9	17.0	20.0
.051	111	8.0	2.0	13.5	16.0	119	8.0	6.3	14.0	17.5	126	8.3	7.0	15.0	18.0
.160	88	4.9	2.0	11.0	12.5	90	10.0	4.0	12.5	14.0	94	7.6	6.0	13.5	16.0
.495	73	3.5	2.0	11.5	13.0	81	6.0	7.1	13.0	15.5	87	7.5	8.0	13.5	16.5
2.5	40	16.9	2.0	10.5	12.5	52	8.5	8.0	11.5	14.0	54	6.3	5.7	11.5	14.0
5	35	6.2	6.0	11.0	12.5	47	5.7	6.1	11.0	13.5	51	3.6	6.0	11.5	14.0
10	33	6.0	6.0	11.0	14.0	37	8.3	4.3	11.5	13.8	37	6.2	2.0	11.3	13.5
20	54	8.0	8.0	10.0	11.5	56	6.0	18.8	10.0	11.5	52	9.6	6.2	9.8	11.5

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.

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

USNS ELTANIN LAT. 55.0 S LONG. 90.0 W AUTUMN (*** ,APRIL, *) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	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}
.013	158	6.0	2.5	14.5	17.0	160	2.0	2.0	14.3	17.0	158	2.5	2.5	14.5	17.0
.051	131	6.0	4.0	13.5	16.0	129	6.0	2.5	14.0	17.0	117	8.5	4.5	13.5	16.5
.160	100	4.0	4.0	13.0	15.5	96	2.5	4.0	12.5	15.0	90	2.0	0.0	11.0	12.5
.495	87	4.5	2.5	12.5	15.0	78	7.0	3.0	11.8	13.8	75	2.0	0.0	11.0	12.5
2.5	52	7.9	5.7	11.5	14.5	46	14.6	3.3	12.0	14.8	38	11.5	2.0	11.3	12.8
5	47	3.7	2.0	11.5	14.0	47	11.8	4.0	11.5	15.0	35	14.7	4.7	11.8	14.5
10	37	2.1	4.0	11.0	13.0	37	1.3	4.0	10.5	12.8	37	6.0	6.0	12.0	14.5
20	58	2.1	24.7	9.5	11.5	54	2.0	13.3	9.3	11.8	53	9.0	13.0	9.0	11.0

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	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}
.013	156	4.9	6.0	13.5	16.5	156	2.0	10.0	14.0	16.5	156	6.5	4.5	14.0	16.5
.051	111	6.0	2.0	12.3	14.3	121	2.0	7.1	13.0	15.5	127	4.0	6.0	13.3	16.0
.160	90	2.0	0.0	10.8	12.5	92	6.0	2.0	11.0	12.5	98	8.0	4.5	12.5	15.0
.495	75	3.3	0.0	11.0	12.8	83	2.9	6.0	11.8	14.0	89	4.0	6.5	12.0	14.5
2.5	42	30.9	5.5	9.5	10.0	50	21.4	5.5	9.5	11.5	54	12.2	5.1	10.0	12.0
5	35	20.6	6.0	11.8	14.0	45	4.0	4.0	10.0	12.0	49	6.0	4.0	9.3	11.0
10	34	11.7	5.1	12.0	15.0	37	4.0	4.0	10.0	12.0	37	2.9	4.0	10.0	12.0
20	56	10.0	20.2	9.5	11.0	52	13.5	12.0	9.5	11.5	58	6.0	22.0	9.5	11.0

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.

SEASONAL TIME-BLOCK VALUES OF RADIO NOISE

ENKOPING, SWEDEN LAT. 59.5 N LONG. 17.3 E SPRING (MARCH, APRIL, MAY) 1965

FREQ. (Mc)	TIME BLOCKS (LST)														
	0000-0400					0400-0800					0800-1200				
	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}
.013	150	4.0	3.0	11.0	17.0	147	3.0	4.0	12.5	19.0	144	6.0	4.0	12.0	17.8
.051	117	6.0	4.0	10.0	15.0	107	10.0	9.1	11.5	16.5	103	15.7	10.0	13.5	19.0
.160	105	6.0	10.0	6.5	10.0	87	16.0	10.0	6.0	10.0	89	8.0	8.0	4.0	9.0
.495	97	8.0	32.0	1.8	2.0	61	23.1	6.0	2.3	3.8	59	6.0	6.0	2.0	3.0
2.5	57	6.0	4.0	4.0	7.5	45	12.0	11.0	5.0	7.5	37	11.0	5.8	4.3	6.5
5	55	8.0	4.0	5.0	8.0	47	14.0	10.0	4.5	7.3	35	8.0	6.0	5.0	7.0
10	36	6.0	4.0	3.0	5.0	37	10.0	5.0	3.5	5.5	45	6.0	8.1	8.5	12.0
20	21	2.0	1.0	1.5	3.0	21	2.0	1.0	1.5	3.0	23	6.0	2.8	2.0	3.5

FREQ. (Mc)	TIME BLOCKS (LST)														
	1200-1600					1600-2000					2000-2400				
	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}
.013	149	8.0	5.0	10.0	15.5	148	8.0	4.0	8.8	13.5	149	5.0	3.0	8.5	14.0
.051	113	14.0	18.0	13.0	19.0	113	12.0	10.0	11.5	17.5	117	8.0	4.0	9.0	14.0
.160	91	6.1	8.0	8.0	12.5	91	8.0	8.0	7.0	11.0	103	6.0	6.0	6.0	11.5
.495	59	8.0	5.0	2.5	3.8	67	27.9	10.0	2.5	4.0	96	9.0	11.9	2.8	2.8
2.5	39	13.9	7.0	3.5	5.5	49	8.0	11.5	4.5	7.0	58	5.0	5.0	5.0	8.0
5	37	8.0	6.0	5.5	9.0	53	10.0	8.0	7.5	11.0	59	6.0	6.0	6.3	9.3
10	44	5.0	8.0	5.5	9.0	49	3.0	7.0	5.5	9.0	42	10.0	7.0	3.5	5.5
20	23	3.9	3.0	2.0	3.5	22	3.0	1.0	1.5	3.5	22	1.0	1.0	1.0	2.5

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.