MONTH-HOUR VALUES OF RADIO NOISE

STATION FRONT ROYAL, VA. LAT. 38.8 N LONG. 78.2 W JANUARY 1965

HR. LST.	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}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}
00											106	4.6	7.0			84	6.0	6.1		
01											106	6.9	7.0			84	7.6	6.0		
02											106	6.2	6.6			84	8.1	6.1		
03											105	7.9	5.0			82	12.0	6.0		
04											105	8.9	6.6			78	13.5	5.6		
05											104	7.9	6.3			76	14.0	8.1		
06											103	7.5	6.5			73	17.5	9.5		
07											98	5.3	4.6			63	7.1	5.5		
08											90	2.7	2.0			57	4.0	5.0		
09											89	4.0	3.7			56	5.5	3.7		
10											88	8.7	2.7			56	4.7	4.0		
11											88	5.7	3.0			56	3.0	3.7		
12											87	6.3	2.0			55	3.5	2.5		
13											87	7.1	2.5			55	3.5	2.5		
14											89	9.6	3.0			56	3.1	3.5		
15											88	6.8	2.5			56	3.1	3.1		
16											90	7.0	2.0			59	2.0	3.7		
17											93	9.7	5.0			62	9.5	2.0		
18											97	9.8	6.1			72	10.5	5.0		
19											102	8.6	8.0			77	10.5	5.5		
20											104	6.6	8.6			82	8.5	6.0		
21											104	6.5	8.1			83	8.0	5.0		
22											104	8.8	7.8			84	6.0	5.0		
23											106	6.9	5.0			84	6.5	5.0		

HR. LST.	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	68	7.0	7.6			53	5.0	4.5			33	2.5	2.5			22	1.5	1.0		
01	68	7.0	7.0			54	4.0	5.0			32	4.1	1.0			22	1.5	1.0		
02	67	6.6	6.3			54	5.0	4.5			33	3.1	2.0			22	1.5	1.0		
03	66	7.0	5.9			53	6.5	4.0			33	2.0	2.0			22	1.5	1.0		
04	66	7.5	5.1			53	6.5	3.0			33	4.6	1.0			23	1.5	0.0		
05	67	5.6	7.0			53	6.0	3.5			33	4.6	2.0			23	1.5	0.0		
06	61	6.0	5.0			52	7.0	3.0			34	4.5	2.5			24	1.5	1.0		
07	56	5.3	4.0			51	5.5	3.0			36	3.0	3.0			24	1.5	1.0		
08	42	6.2	3.7			41	5.3	1.0			38*	6.0	1.0			24	1.6	1.0		
09	39	5.9	4.6			38	4.6	2.6			37	4.9	2.0			24	3.7	1.0		
10	35	6.1	4.1			35	3.6	2.6			36	4.1	1.5			24	4.7	1.0		
11	33	6.3	3.0			33	3.1	3.1			35	6.0	1.0			24	4.0	1.0		
12	32	8.1	3.0			32	4.5	2.0			35	4.6	1.0			24	2.0	1.0		
13	33	5.5	3.0			34	3.5	4.0			36	3.6	2.0			24	2.0	1.0		
14	36	8.3	6.0			36	3.0	4.0			37	4.7	2.7			24	1.0	1.0		
15	38	6.5	5.0			37	4.0	1.5			39	7.2	3.0			24	1.0	1.0		
16	46	6.1	3.5			46	5.1	3.0			40	4.5	3.5			24	1.0	1.0		
17	57	5.5	6.5			52	5.5	4.0			40	6.3	3.6			24	1.0	1.5		
18	63	6.6	7.0			54	5.5	5.0			38	4.0	3.5			23	1.0	1.0		
19	66	5.0	7.6			54	7.6	4.5			36	5.0	2.5			23	1.0	1.0		
20	68	4.0	7.6			54	6.5	4.5			33	3.0	2.0			22	1.0	1.0		
21	69	4.0	8.6			54	4.5	4.5			33	1.5	2.0			22	1.0	1.0		
22	68	5.6	7.6			53	5.5	3.5			33	2.0	2.0			22	1.0	1.0		
23	68	6.0	7.6			53	5.0	4.0			32	3.0	1.0			22	1.0	1.0		

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

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

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

D_u = ratio of upper decile to median in db.

D_ℓ = ratio of median to lower decile in db.

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

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

MONTH-HOUR VALUES OF RADIO NOISE

STATION FRONT ROYAL, VA. LAT. 38.8 N LONG. 78.2 W FEBRUARY 1965

HR. LST.	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}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}
00											105	9.8	5.0			83	8.5	5.3		
01											104	10.5	5.5			84	8.1	6.8		
02											105	8.1	8.0			82	8.5	6.5		
03											104	8.6	7.1			79	10.0	4.0		
04											102	6.1	8.3			79	8.6	6.8		
05											100	6.5	4.5			77	9.0	8.8		
06											99	9.1	5.8			68	14.9	5.0		
07											92	8.4	2.3			62	5.1	2.0		
08											90	4.9	2.5			59	2.0	3.8		
09											90	3.8	2.9			58	4.0	3.0		
10											90	2.6	2.5			58	4.0	2.8		
11											91	3.9	3.0			59	3.8	4.0		
12											91	5.2	3.0			59	3.9	2.1		
13											90	5.5	1.0			59	4.3	3.6		
14											90	8.1	2.8			59	3.8	2.9		
15											90	9.2	3.0			59	3.8	3.6		
16											90	7.1	1.5			62	3.0	3.8		
17											91	9.7	1.8			63	5.9	2.8		
18											95	9.9	4.1			72	9.2	4.0		
19											99	11.7	4.8			78	10.9	3.0		
20											101	12.7	3.8			81	10.1	4.5		
21											103	10.1	5.0			83	11.3	5.3		
22											105	7.8	6.1			84	10.8	4.0		
23											105	8.6	6.3			84	11.4	5.0		

HR. LST.	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}	F_{am}	D_u	D_ℓ	V_{dm}	L_{dm}
00	71	10.9	10.0			57	6.1	5.0			35	1.0	1.0			24	1.0	1.1		
01	69	12.6	9.4			57	6.0	5.0			35	2.1	1.0			24	1.0	1.1		
02	70	12.3	9.1			56	3.8	3.1			35	3.8	1.0			24	1.0	1.0		
03	72	10.1	12.0			55	5.8	3.9			35	3.0	1.0			24	1.0	1.0		
04	70	10.4	11.6			55	5.8	2.9			33	2.9	0.9			25				
05	71	6.0	12.0			54	5.1	4.3			34	2.0	1.2			25	0.8	1.8		
06	61	8.3	4.9			53	7.6	3.9			33	2.0	1.0			25	1.0	1.0		
07	53	5.5	3.8			52	5.0	5.0			35	4.0	3.0			25	0.8	1.0		
08	43	5.4	5.9			43	2.1	3.8			40	3.3	3.0			25	1.0	2.0		
09	41	4.1	5.3			40	3.0	3.8			39	2.1	2.0			25	0.1	1.9		
10	37	5.1	5.9			36	3.3	2.5			38	2.1	2.0			24	1.9	0.9		
11	36	4.1	4.9			35	2.9	2.0			37	3.0	1.0			25	1.0	1.0		
12	33	3.0	3.1			32	3.6	2.8			37	3.0	1.0			27	2.6	1.0		
13	33	3.1	2.9			33	2.8	2.8			37	4.5	1.5			27	1.5	1.0		
14	34	4.1	3.8			34	4.0	2.0			38	4.6	1.6			27	1.5	1.0		
15	37	3.9	5.9			37	3.8	3.8			40	5.5	1.6			27	1.5	1.0		
16	44	4.1	4.2			45	4.9	3.0			42	4.3	2.1			24	1.9	0.5		
17	51	4.8	5.0			53	5.8	3.8			44	3.1	3.1			24	2.3	1.0		
18	64	6.0	5.9			57	6.1	3.8			43	6.0	3.3			24	0.9	2.0		
19	69	5.1	7.0			57	7.9	4.1			41	8.1	4.0			23	1.9	1.0		
20	70	8.0	8.0			57	9.1	5.0			36	2.0	2.0			23	1.0	1.0		
21	70	7.3	9.0			58	10.5	5.0			35	2.0	1.0			23	1.8	1.0		
22	69	10.0	8.1			57	9.7	4.1			35	2.8	1.0			24	1.0	1.8		
23	72	8.1	10.3			57	7.3	5.0			36	1.8	2.0			24	0.8	1.8		

* 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 KEKAHA, HAWAII LAT. 22.0 N LONG. 159.7 W DECEMBER 1964

HR. LST.	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	153	9.5	4.0	10.0	16.5	130	13.5	4.0	11.3	16.8	111	15.5	6.0	9.5	16.0	90	17.5	6.0	10.5	19.5
01	153	9.5	4.0	11.5	17.8	132	11.5	5.5	10.3	16.0	111	15.5	5.5	10.0	17.5	92	14.0	9.5	9.5	18.0
02	153	10.0	4.0	11.5	17.5	132	11.5	4.0	11.0	19.0	111	13.5	5.5	10.5	17.5	92	14.0	8.0	10.0	19.5
03	153	10.0	3.5	10.5	16.0	132	10.0	3.5	12.0	19.5	111	12.0	5.5	10.8	18.5	90	16.0	7.5	9.5	17.0
04	153	10.0	3.5	10.5	16.3	134	10.0	4.0	11.8	18.8	111	14.0	6.0	10.5	18.0	90	15.5	8.0	11.0	19.5
05	155	7.5	4.0	11.0	17.0	132	10.0	2.0	11.8	19.5	109	15.6	4.1	11.5	19.8	88	16.1	9.6	11.8	19.3
06	154	7.1	3.0	11.5	18.0	133	9.1	5.0	11.5	19.0	107	15.6	6.1	9.3	17.5	85	17.1	9.1	10.5	19.5
07	154	5.1	3.0	11.5	18.0	128	9.6	6.0	12.0	19.5	97	25.2	10.1	12.5	21.5	70	31.7	12.0	*11.0	*17.8
08	151	9.6	2.1	11.5	18.0	123	17.0	7.0	12.0	17.5	90	32.7	16.6	13.5	22.0	64	41.3	10.0	* 6.5	*11.3
09	150	9.1	3.0	11.8	18.0	116	24.0	14.1	14.0	20.0	89	30.0	19.5	13.5	24.0	62	37.9	10.1	* 9.3	*15.5
10	151	7.6	4.1	12.0	19.0	118	17.9	15.7	16.0	24.0	93	27.7	18.2	15.5	24.5	64	40.6	12.1	*12.3	*22.3
11	151	10.3	4.0	12.8	19.0	118	17.0	14.5	15.8	23.0	95	27.4	25.0	16.0	27.0	62	38.6	10.0	* 9.0	*16.3
12	151	10.0	4.0	12.5	20.0	118	17.9	11.7	12.8	20.3	91	28.0	21.9	*14.0	*24.5	62	41.0	9.7	9.5	19.5
13	151	7.9	3.9	13.0	20.5	118	14.6	11.9	14.3	21.3	91	25.9	18.3	14.0	25.5	64	37.6	12.1	* 9.5	*18.8
14	152	7.1	5.0	13.5	21.0	118	15.5	10.0	14.5	22.3	91	27.0	14.2	12.5	23.0	65	31.3	12.6	10.5	18.5
15	151	7.6	4.0	14.0	21.5	115	17.2	9.1	13.8	21.0	92	26.3	24.2	*13.8	*25.5	65	39.4	12.6	7.8	14.3
16	151	6.1	5.6	13.5	20.5	113	20.8	12.2	15.5	25.0	88	31.8	16.3	14.3	23.8	62	41.1	8.1	12.3	19.8
17	151	6.3	5.9	13.0	20.0	118	17.3	14.0	15.0	22.5	94	25.6	14.3	13.0	24.0	75	26.3	13.0	11.0	19.5
18	150	9.0	5.6	12.0	18.5	120	17.3	8.0	13.0	21.0	100	19.0	14.3	11.5	20.0	83	19.0	12.3	11.5	21.5
19	151	8.0	6.0	11.0	16.5	121	16.3	6.3	12.0	19.5	102	18.3	13.0	*12.5	*24.3	86	19.3	12.0	10.3	21.8
20	153	6.6	6.0	10.0	15.0	122	16.0	6.0	13.5	21.3	102	19.0	9.0	13.0	23.5	88	18.6	11.3	12.5	23.0
21	153	7.3	6.0	9.5	15.5	126	14.0	8.0	13.3	20.0	105	17.3	8.0	13.0	20.5	90	17.3	12.0	13.0	21.0
22	153	8.0	5.3	10.0	15.5	128	12.0	6.0	11.5	17.0	107	18.0	6.0	11.3	19.5	92	16.0	10.0	10.0	18.5
23	153	7.3	5.3	10.0	16.3	129	12.3	5.0	10.0	17.0	109	17.3	8.0	11.0	18.0	91	16.3	8.3	11.5	20.0

HR. LST.	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	17.0	4.0	5.5	10.0	54	10.4	4.0	4.5	7.5	34	11.0	5.5	3.3	5.5	21	7.0	0.0	1.5	3.0
01	63	14.0	6.0	5.8	9.3	56	6.0	6.0	4.5	7.8	34	11.5	4.0	3.0	5.5	21	8.0	1.5	1.3	2.8
02	63	14.0	3.5	5.5	8.5	58	7.5	8.0	3.5	7.0	34	10.0	4.0	3.0	5.3	21	7.0	0.0	1.0	2.5
03	63	12.0	4.0	5.5	8.5	58	7.5	7.5	4.5	7.0	36	10.0	8.0	3.0	5.5	21	8.0	0.0	1.8	3.3
04	65	14.4	8.0	6.5	9.8	58	7.5	7.5	3.0	6.0	32	15.5	4.0	2.5	4.5	21	9.5	0.0	2.0	3.5
05	65	11.5	8.0	7.0	10.5	54	8.0	5.5	4.3	7.5	30	11.5	2.0	2.3	4.0	23	3.5	2.0	2.0	3.5
06	63	13.5	8.0	6.5	10.0	52	9.0	4.0	3.5	6.3	30	9.0	0.0	2.0	3.5	23	3.5	2.0	2.0	3.5
07	65	10.0	10.0	7.0	11.3	56	5.5	6.0	3.5	7.3	36	7.5	4.0	4.0	7.0	23	2.0	2.0	1.5	3.5
08	53	17.5	7.5	* 6.5	*10.5	48	14.0	4.0	3.8	7.5	38	5.5	4.0	6.5	9.5	23	2.0	0.0	2.8	4.5
09	47	23.5	12.0	5.5	9.5	42	16.4	10.0	5.5	9.5	34	10.0	4.0	6.0	8.0	23	3.6	1.6	2.8	4.8
10	45	22.1	13.7	* 2.8	* 4.8	38	16.2	15.9	6.0	9.0	32	13.3	4.1	* 5.8	* 8.5	23	3.9	2.0	2.5	4.0
11	43	28.6	14.0	* 3.0	* 5.0	35	18.0	14.0	5.0	7.8	30	14.3	4.0	* 7.8	*12.8	23	4.0	2.0	2.0	4.0
12	45	27.2	14.1	* 2.5	* 5.0	32	26.8	14.0	3.0	5.0	32	10.1	6.1	7.5	11.5	23	4.3	2.0	2.5	4.5
13	43	28.7	12.1	* 3.3	* 5.3	32	20.7	14.0	* 4.0	* 7.0	32	13.9	7.7	7.5	11.5	23	4.1	2.0	2.5	5.0
14	46	25.6	16.6	* 1.8	* 3.8	34	21.9	14.0	* 6.0	* 9.0	34	11.7	7.6	* 7.0	*10.0	23	5.2	2.0	2.8	4.5
15	45	17.0	15.2	* 3.3	* 5.3	37	14.9	16.6	* 6.5	* 9.0	34	13.6	3.6	5.3	8.0	23	4.1	2.0	2.0	4.0
16	49	25.7	15.6	* 5.5	*10.5	38	21.4	6.1	6.0	10.5	36	9.7	3.7	* 6.0	* 9.3	23	4.1	2.0	1.5	3.3
17	54	16.7	14.3	*11.0	*18.0	47	15.0	8.3	7.5	12.3	38	7.3	4.0	5.5	8.3	23	5.3	1.3	2.0	3.5
18	61	15.3	11.3	* 6.5	*10.5	50	13.3	6.0	6.5	11.0	36	9.8	4.0	4.0	6.0	23	4.0	2.0	1.5	3.5
19	63	16.0	9.3	8.0	16.0	50	12.6	6.0	6.5	11.3	33	9.0	1.0	4.0	6.0	23	4.0	2.0	1.8	3.5
20	61	18.0	4.0	* 7.3	*13.0	50	11.3	4.0	5.8	9.8	34	8.0	2.0	3.3	5.5	21	5.3	0.0	1.0	3.0
21	63	15.3	8.0	7.5	11.5	53	9.0	3.0	* 5.5	* 7.8	36	6.0	5.3	3.5	6.5	21	4.0	0.0	1.5	3.0
22	63	15.3	6.0	6.3	10.8	55	7.6	6.3	* 5.5	*10.0	38	6.6	5.3	3.5	6.5	21	3.3	0.0	1.5	3.0
23	64	13.6	7.0	6.0	10.0	52	8.0	3.3	* 4.5	* 8.0	36	7.3	4.0	3.3	6.0	21	6.6	0.0	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 KEKAHA, HAWAII LAT. 22.0 N LONG. 159.7 W JANUARY 1965

HR. LST.	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	154	4.0	4.0	9.5	16.0	130	6.0	5.1	11.0	17.5	108	11.1	6.0	10.0	14.5	86	13.1	6.0	9.0	15.5
01	154	4.0	4.0	11.0	17.3	130	6.2	2.0	11.3	17.0	108	10.2	4.0	11.0	16.5	88	11.1	7.1	9.0	15.5
02	152	6.0	2.0	11.0	16.5	130	6.2	2.0	11.0	18.0	108	8.2	4.0	10.0	16.0	86	13.1	5.1	9.0	15.5
03	154	5.1	4.0	10.5	16.8	132	5.1	4.0	11.5	18.0	110	9.2	4.0	9.5	16.5	88	15.1	8.0	9.8	17.3
04	154	4.0	4.0	11.0	17.0	132	6.0	4.0	11.0	17.5	108	13.1	4.0	10.0	17.8	88	14.0	9.1	9.3	18.3
05	154	4.2	3.1	11.5	17.5	132	5.1	6.0	12.0	20.0	108	13.1	5.1	10.0	17.5	86	15.1	7.1	11.5	21.3
06	154	4.0	2.0	11.0	17.5	130	6.0	4.2	11.3	18.3	104	11.2	4.0	11.0	19.0	82	15.2	6.0	11.5	20.5
07	156	2.0	4.0	11.5	18.0	126	7.2	3.1	12.5	19.5	94	18.6	6.0	12.0	18.5	68	24.6	9.1	10.5	21.0
08	150	5.1	2.0	11.5	17.0	120	12.2	3.1	12.0	18.5	82	35.2	9.1	*10.5	*17.0	58	33.1	3.1	* 8.0	*14.5
09	150	5.1	4.0	12.0	18.0	110	13.3	8.0	13.3	19.3	80	19.3	11.3	10.5	20.5	58	23.2	6.0	6.3	10.0
10	150	4.0	3.3	12.5	19.0	108	14.0	7.3	11.5	16.5	82	18.2	13.1	*14.0	*21.0	58	19.4	4.0	6.8	10.8
11	150	4.0	2.0	12.5	18.8	112	11.5	8.0	13.3	18.8	83	20.3	16.3	*13.3	*23.3	56	26.6	4.0	* 7.0	*10.5
12	152	3.3	4.0	13.0	19.0	114	8.6	9.3	14.8	20.0	84	22.4	16.0	*13.8	*20.3	56	33.9	6.0	7.5	8.0
13	150	5.3	2.0	13.5	20.0	114	10.6	7.6	12.5	19.0	82	26.0	16.0	*17.5	*25.5	58	29.7	6.0	* 3.5	* 6.5
14	150	6.2	2.0	14.5	22.3	114	11.5	8.0	15.8	22.0	82	25.9	16.0	*14.0	*25.0	58	31.6	6.2	* 6.0	* 9.5
15	150	6.1	3.6	15.0	22.0	110	13.5	4.0	15.0	20.5	75	33.3	9.0	15.5	25.5	56	29.9	5.7	9.0	15.5
16	150	5.5	4.0	14.0	21.5	108	18.4	7.9	14.5	17.5	75	30.4	10.6	12.8	17.3	56	27.2	4.1	* 7.0	* 9.5
17	150	3.5	5.5	13.3	20.8	109	16.3	8.3	14.5	19.0	86	22.2	18.0	11.0	19.5	62	25.1	9.1	* 7.0	*10.5
18	148	9.1	2.0	12.5	17.8	114	16.2	10.0	10.8	15.5	94	19.1	17.1	11.5	20.0	70	22.0	8.0	12.5	19.0
19	150	6.0	4.0	11.5	17.5	120	9.1	10.0	12.0	19.0	94	19.1	9.1	13.3	22.8	78	18.2	10.0	* 6.3	*10.8
20	150	8.0	2.0	11.5	17.5	122	9.1	8.0	12.5	18.5	100	16.2	12.0	13.3	21.8	84	14.2	11.1	12.8	21.0
21	152	5.1	2.0	11.0	16.8	124	9.1	7.1	12.8	19.3	102	13.1	6.0	13.5	21.8	86	9.1	10.0	12.0	19.0
22	152	4.0	3.1	9.8	15.0	126	6.0	4.0	12.5	19.0	104	14.0	6.0	9.5	15.0	86	12.0	8.0	* 8.8	*15.5
23	152	5.1	2.0	10.3	16.0	128	6.0	4.0	11.0	17.3	108	9.1	8.0	9.5	16.0	86	13.1	6.0	11.0	17.5

HR. LST.	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	61	10.0	4.0	7.0	12.0	50	7.1	2.0	4.5	8.0	30	4.0	2.0	2.5	4.5	23	0.0	2.0	2.0	3.5
01	61	12.0	4.0	7.0	11.5	52	7.1	4.0	4.0	6.5	30	3.1	4.0	2.5	4.0	23	0.0	2.0	1.5	3.0
02	61	13.1	4.0	7.5	13.0	52	8.0	4.0	3.5	7.0	32	4.0	2.0	2.5	4.3	23	0.0	2.0	1.5	3.0
03	61	12.2	4.0	7.3	12.3	52	10.0	4.0	4.0	7.5	32	6.0	2.0	3.0	4.5	23	0.0	2.0	1.5	3.0
04	61	10.0	4.0	6.5	11.0	50	10.0	2.0	4.5	7.5	30	4.0	3.1	2.3	3.8	23	1.1	2.0	1.5	2.5
05	61	9.1	6.0	7.0	12.3	50	9.1	4.0	4.0	7.3	30	5.1	4.0	2.0	3.5	23	2.0	2.0	2.0	3.5
06	61	8.3	6.0	7.3	11.5	48	10.2	2.0	3.5	6.5	30	4.0	3.1	1.8	3.3	25	0.0	4.0	2.0	3.5
07	59	9.2	5.1	7.8	13.0	46	13.2	4.0	3.5	6.3	32	5.1	4.0	3.0	5.0	25	0.0	2.0	2.0	4.0
08	49	14.5	6.0	6.3	8.5	42	14.0	6.0	4.0	7.3	34	8.0	5.1	4.5	7.5	23	2.0	0.0	2.0	4.0
09	41	18.3	8.0	5.0	8.0	36	15.3	8.0	5.8	9.8	32	8.0	4.0	5.3	7.0	23	2.0	2.0	2.0	3.5
10	35	15.3	4.0	3.3	5.8	30	14.6	6.0	6.5	10.0	30	8.2	6.0	8.3	11.0	23	2.0	2.0	2.0	3.5
11	33	12.6	2.0	* 3.0	* 5.0	28	10.0	8.0	* 6.5	* 9.0	28	7.3	5.3	6.0	8.0	23	1.3	2.0	2.0	3.5
12	34	13.6	5.6	3.3	5.5	26	14.0	6.0	5.3	7.8	26	8.0	4.0	5.5	8.0	23	2.0	2.0	2.3	4.0
13	35	18.0	6.0	3.5	4.0	26	12.6	5.6	5.0	7.5	29	6.4	8.7	7.5	12.0	23	4.0	2.0	2.3	4.3
14	33	16.1	4.0	4.0	6.5	24	17.5	4.0	4.5	7.5	27	13.1	5.0	* 7.0	* 9.5	23	2.2	2.2	3.0	4.8
15	34	16.7	4.6	3.0	5.0	28	13.5	6.0	4.0	5.5	31	10.6	5.0	4.3	7.3	23	2.3	2.0	2.0	3.8
16	35	17.5	4.0	3.5	6.0	34	14.4	10.1	4.0	8.5	33	9.1	4.7	4.3	7.0	23	0.1	2.0	2.0	3.5
17	41	13.5	6.0	3.3	5.8	42	11.3	8.0	4.8	8.3	36	6.0	6.0	4.3	7.3	23	2.0	2.0	1.5	3.0
18	49	18.0	6.0	5.5	8.0	46	10.0	6.0	5.5	10.5	34	8.0	4.0	4.3	7.0	23	1.1	2.0	1.5	3.0
19	53	16.0	5.1	8.0	16.5	48	9.1	6.0	7.0	11.5	32	6.0	2.0	4.5	6.5	23	2.0	2.0	1.5	3.5
20	57	12.0	6.0	9.0	14.8	48	8.2	4.0	7.5	12.8	32	3.1	2.0	3.5	5.5	21	2.0	0.0	2.0	3.5
21	59	10.0	6.0	8.8	13.3	50	7.1	4.0	6.0	10.0	32	4.0	2.0	4.5	6.0	21	2.0	2.0	2.0	3.5
22	59	10.0	6.0	8.5	14.0	50	7.1	3.1	6.5	9.5	34	6.0	4.0	3.5	5.5	21	2.0	2.0	2.0	3.5
23	59	11.1	4.0	5.5	9.0	50	6.0	4.0	5.5	8.5	32	3.1	3.1	3.5	6.0	21	2.0	0.0	2.0	3.5

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

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

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

D_u = ratio of upper decile to median in db.

D_ℓ = ratio of median to lower decile in db.

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

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

MONTH-HOUR VALUES OF RADIO NOISE

STATION KEKAHA, HAWAII LAT. 22.0 N LONG. 159.7 W FEBRUARY 1965

HR. LST.	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	4.0	2.0	8.8	14.0	128	4.3	6.0	10.0	15.0	104	12.1	6.0	10.0	16.5	84	14.3	7.7	12.3	19.5
01	152	4.3	2.0	9.5	15.0	128	7.7	5.7	10.0	15.0	106	10.0	6.1	9.5	16.0	84	13.9	6.1	*11.0	*18.5
02	152	4.0	1.7	10.0	16.0	128	6.4	4.1	10.0	16.0	104	11.8	6.0	9.8	16.3	82	17.5	6.1	* 8.0	*13.5
03	154	2.3	4.0	9.5	15.0	128	6.3	5.7	11.0	17.0	104	17.9	6.0	10.8	17.5	82	20.0	5.7	12.0	18.0
04	154	2.4	3.7	9.3	15.3	128	4.8	5.7	*11.5	*17.5	102	12.6	4.0	11.0	19.0	82	18.0	7.7	10.5	17.0
05	154	2.6	3.7	9.5	15.5	128	7.9	5.7	12.0	19.0	102	15.4	6.1	12.0	18.0	80	17.2	6.3	*10.5	*17.0
06	154	2.3	2.1	9.5	15.0	128	4.4	3.7	12.0	19.0	98	17.2	4.1	10.5	17.5	74	21.9	5.7	* 8.3	*12.8
07	154	2.1	3.7	9.5	15.5	122	7.9	4.0	11.0	17.5	88	20.8	5.7	8.5	17.5	62	23.0	6.0	* 5.5	* 8.5
08	150	2.1	3.7	9.5	15.5	116	6.1	3.7	*11.0	*16.8	78	23.4	9.7	* 8.0	*13.3	56	16.2	4.2	* 3.0	* 5.3
09	148	2.1	2.0	9.0	15.5	108	8.1	10.0	12.0	18.0	78	16.1	15.2	9.5	15.5	56	17.1	6.0	* 4.0	* 6.5
10	148	4.1	2.0	9.5	16.5	106	12.9	8.2	8.0	10.0	76	18.5	12.3	* 7.0	*12.5	58	12.4	7.9	* 4.5	* 8.8
11	148	4.0	2.0	9.5	17.0	108	13.5	8.4	*11.3	*14.8	73	22.6	9.0	*10.8	*16.0	54	26.1	4.2	* 3.5	* 5.5
12	149	3.1	3.0	10.0	17.0	110	9.9	6.4	14.8	18.5	78	16.0	14.5			56	11.4	6.7	* 4.3	* 7.3
13	150	2.0	2.3	11.0	18.3	110	8.0	10.0	*13.5	*23.0	76	18.0	14.0	*10.5	*18.0	56	23.4	6.0	*11.3	*17.8
14	148	4.0	2.2	11.3	19.5	108	8.3	6.3	*15.0	*20.8	74	20.6	12.0	*14.0	*21.5	56	16.5	6.0	* 4.3	* 7.0
15	148	2.4	2.0	11.0	19.5	108	6.8	6.3	12.0	16.0	72	28.6	10.0	8.0	14.0	54	17.0	4.5	* 5.3	* 8.8
16	148	4.0	2.0	11.5	19.5	106	9.9	6.1	10.0	13.5	72	18.4	6.1	* 8.5	*15.0	56	16.4	5.9	* 3.8	* 6.5
17	148	2.1	3.7	11.0	19.0	104	14.1	7.7	7.0	10.0	82	15.9	13.9	* 6.8	*12.8	59	14.9	7.0	* 7.3	*12.0
18	148	2.0	4.0	10.0	17.0	114	8.1	14.1	5.0	7.5	92	14.2	14.1	* 9.8	*16.0	74	15.0	14.0	5.3	9.5
19	148	4.1	2.0	9.0	15.0	116	8.0	8.3	13.5	17.8	94	12.4	11.7	*12.8	*20.0	80	17.4	12.1	*12.5	*17.5
20	150	5.5	2.0	7.8	13.3	118	11.9	7.7	12.0	17.5	96	15.9	7.7	*12.3	*20.0	82	13.5	11.5	*11.5	*17.0
21	152	2.0	4.0	7.0	12.0	120	8.2	6.3	11.5	16.3	102	13.8	10.3	*13.5	*22.0	82	13.5	6.1	*11.0	*16.5
22	152	3.9	2.0	7.0	12.0	124	11.0	8.1	11.5	16.5	102	8.6	6.1	12.3	19.0	84	12.4	8.0	*10.8	*18.5
23	152	4.0	3.7	7.5	13.3	126	7.9	6.1	10.0	14.3	104	15.5	8.1	11.0	17.0	86	13.9	8.1	*13.0	*20.8

HR. LST.	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	11.9	4.0	6.8	10.8	50	8.1	4.0	4.8	8.0	34	10.2	3.7	3.5	5.8	25	4.3	2.0	2.0	3.5
01	60	14.2	4.0	7.3	11.5	52	8.6	4.0	4.3	7.3	36	8.0	4.1	2.5	4.8	25	2.4	2.0	1.8	3.5
02	62	11.9	6.0	7.3	11.0	52	10.0	4.0	4.5	6.8	38	6.0	4.1	3.5	6.5	25	4.0	2.0	2.0	3.5
03	62	11.7	4.0	8.0	12.5	50	10.3	3.7	4.8	8.0	38	6.3	6.0	3.5	5.0	25	4.1	0.1	2.0	3.5
04	62	11.6	5.7	7.0	12.5	50	10.0	2.1	4.5	7.5	34	7.6	4.0	2.5	4.0	25	5.7	0.0	1.5	2.8
05	62	6.1	5.9	7.5	11.3	50	7.9	3.7	4.0	7.5	32	10.1	2.0	2.0	3.5	25	4.0	0.0	1.5	3.3
06	62	4.1	4.3	6.5	10.5	48	6.1	4.0	3.5	5.5	32	9.9	2.0	2.0	3.5	25	3.9	0.0	1.5	3.0
07	56	7.7	3.7	6.5	9.8	46	6.2	5.7	4.0	7.3	34	6.1	2.0	3.5	5.0	25	3.7	0.0	1.5	3.0
08	46	6.0	3.9	3.8	5.5	38	7.7	2.0	3.5	5.5	32	5.7	2.1	4.5	7.3	25	2.2	0.0	2.5	4.0
09	38	9.5	2.0	3.0	5.0	32	6.0	6.0	5.0	7.5	28	5.6	4.0	4.8	6.8	25	2.0	2.0	3.0	4.5
10	36	12.2	5.7	3.3	5.0	24	14.4	4.0	3.0	5.0	24	10.6	4.0	5.5	7.5	23	3.7	0.0	* 2.5	* 4.0
11	36	10.2	6.2	2.5	4.0	24	14.1	5.9	* 2.8	* 4.8	21	7.6	3.0	* 7.5	*14.3	23	2.2	2.0	2.5	4.3
12	34	6.4	4.2	2.0	4.0	22	13.8	4.0	3.8	6.3	20	8.5	2.0	* 6.0	* 8.3	23	2.7	2.0	2.0	4.0
13	34	10.3	4.3	3.0	5.0	24	8.5	4.5	2.0	4.0	22	6.3	2.3	* 5.5	* 8.0	23	4.0	2.0	2.5	4.0
14	34	7.9	4.0	2.5	4.0	24	10.0	6.0	* 4.0	* 5.5	22	6.3	2.0	* 6.0	* 8.5	23	4.5	2.0	* 2.8	* 4.5
15	36	6.3	4.0	2.5	4.3	25	9.2	5.2	3.5	5.0	26	8.6	4.0	* 8.3	*12.5	23	4.0	0.0	3.0	4.5
16	36	7.6	2.1	2.3	3.8	32	6.1	8.1	3.5	5.5	32	4.0	5.9	4.8	7.0	23	2.1	0.0	2.0	3.5
17	40	6.1	6.1	4.0	5.5	40	7.9	6.1	7.5	11.8	36	2.0	5.7	4.5	7.0	23	2.0	0.0	2.0	3.5
18	48	13.9	6.1	8.5	12.5	46	10.0	8.0	7.0	10.0	36	4.0	4.0	5.0	7.8	23	3.9	0.0	2.0	3.5
19	58	8.3	8.1	10.3	13.8	46	8.0	6.0	5.8	9.5	32	8.0	0.1	4.0	6.0	23	3.7	0.1	1.5	3.0
20	60	10.0	8.1	7.5	12.5	48	7.7	6.0	5.5	10.0	34	7.5	2.1	3.5	5.5	23	6.3	0.0	1.5	3.5
21	60	8.3	4.1	11.0	18.0	50	6.1	5.7	4.0	7.0	34	9.7	2.1	3.0	5.0	25	5.5	2.0	2.0	3.5
22	60	11.5	6.0	10.0	16.0	50	8.1	5.9	5.0	8.0	36	7.9	5.7	3.0	5.0	25	5.7	2.0	1.5	3.0
23	60	6.7	4.0	7.5	13.0	50	8.2	3.7	5.5	8.5	36	9.7	4.1	3.0	5.0	25	7.5	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 NEW DELHI, INDIA LAT. 28.8 N LONG. 77.3 E DECEMBER 1964

HR. LST.	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	1.7	4.0	5.5	8.0	130	4.0	11.5	* 8.5	*12.5	108	9.4	4.5	7.5	11.0	88	14.7	4.0	2.0	4.0
01	156	2.1	1.6	6.0	8.5	132	9.8	11.9	*11.3	*16.5	108	14.7	8.0	7.5	12.0	88	6.8	4.2	3.5	6.0
02	156	3.5	1.5	5.8	8.5	132	1.4	10.0	* 5.0	* 8.0	107	14.4	8.8	8.8	13.3	86	19.4	2.0	3.5	6.5
03	156	7.2	2.0	6.0	9.0	130	4.2	11.7	* 7.5	*11.0	104	9.7	6.3	8.8	12.8	86	7.0	4.0	* 4.0	* 7.0
04	156	6.0	2.0	6.5	9.5	126	6.0	8.0	*10.0	*13.0	104	7.7	6.2	8.0	12.3	86	5.1	2.1	* 5.0	* 7.0
05	156	3.9	1.7	7.0	10.0	127	15.6	9.0	11.0	15.5	107	18.8	9.9	7.0	11.5	84	14.4	4.0	*10.0	*17.5
06	156	4.6	2.0	7.8	11.3	122	6.7	4.0	* 6.5	*10.0	100	19.1	10.0	* 8.3	*12.5	78	5.9	4.2	3.0	5.0
07	154	2.3	2.0	5.5	8.0	118	4.0	4.0	* 7.0	* 9.8	92	25.9	6.1	* 8.5	*12.0	72	8.6	6.0	* 2.0	* 4.0
08	152	2.4	2.0	5.5	8.5	114	10.4	4.0	* 7.0	*10.3	92	22.0	10.0	* 5.5	*11.5	70	18.5	2.0	1.5	3.5
09	152	2.2	4.0	5.5	8.0	111	5.9	3.9	* 3.8	* 6.0	90	8.7	6.1	* 6.0	*10.5	71	9.1	3.0	* 1.5	* 3.0
10	152	2.0	2.1	6.0	8.0	114	4.0	3.1	* 5.0	* 8.0	90	10.0	4.9	* 8.0	*13.0	72	8.0	4.0	2.5	4.0
11	152	3.7	2.3	5.5	7.8	114	2.6	3.4	* 3.3	* 5.5	92	6.0	9.3			72	8.3	4.3	* 3.0	* 4.5
12	152	3.9	2.1	5.5	8.0	114	6.4	5.5	* 2.5	* 5.0	90	6.0	9.0	* 7.8	*11.8	72	10.0	4.0	* 3.0	* 5.0
13	153	1.1	6.3	6.5	8.0	114	2.7	2.7	* 5.0	* 7.8	92	5.3	6.0	* 4.5	* 7.5	72	8.7	4.0	* 3.8	* 4.8
14	154	2.2	6.3	6.5	9.5	114	1.6	2.1	* 4.0	* 6.0	87	7.6	6.2			72	3.1	4.0	* 2.5	* 4.0
15	154	3.9	2.1	7.0	9.5	113	14.3	3.0	* 5.0	* 7.0	90	6.5	8.0	*12.8	*18.0	70	6.8	2.1	* 2.5	* 4.0
16	156	2.0	2.0	6.3	8.8	112	4.5	4.0	* 4.5	* 7.0	91	18.9	5.2	*10.5	*18.0	74	11.4	4.1	4.5	6.0
17	156	2.0	2.0	5.0	7.5	116	7.1	4.0	5.8	8.5	100	10.6	8.0	7.5	11.5	78	11.0	6.0	4.5	6.0
18	156	2.0	0.0	6.0	8.5	118	5.3	3.3	7.5	10.5	104	14.3	8.3	* 7.5	*13.0	82	8.3	5.7	6.0	8.0
19	158	0.0	2.1	5.5	8.0	120	4.7	4.0	*10.0	*13.5	102	15.2	4.0	* 9.5	*14.5	84	4.2	4.0	5.0	7.5
20	158	2.0	2.0	6.0	8.5	122	7.9	5.6	8.5	12.0	110	8.3	8.0	* 9.0	*15.8	84	6.7	2.1	4.8	7.0
21	158	2.1	2.0	5.5	8.5	128	4.2	9.7	* 7.8	*12.0	108	8.9	4.9	6.5	11.0	88	4.0	6.0	3.0	5.5
22	158	2.0	2.0	5.5	8.0	128	5.7	8.0	* 5.0	* 8.3	112	8.0	6.7	* 7.5	*13.0	88	4.0	4.1	* 3.3	* 5.5
23	158	2.0	3.6	6.0	8.5	132	2.8	14.0	*12.0	*17.0	112	10.2	5.1	* 6.0	* 9.0	88	7.4	4.0	* 9.5	*13.8

HR. LST.	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	14.0	4.0	3.0	6.0	58	13.9	5.0	3.0	6.0	40	6.0	7.5	3.5	6.0	24	3.0	1.0	1.5	2.5
01	59	13.0	6.0	3.8	7.0	62	12.7	8.0	3.3	6.0	38	8.0	6.0	3.0	5.8	24	1.0	1.0	1.0	2.5
02	57	15.1	6.7	3.5	6.5	58	11.5	7.0	3.0	6.0	42	5.7	10.1	3.5	5.5	24	2.0	1.0	1.5	2.8
03	59	16.7	5.7	3.0	6.0	60	17.1	6.1	3.8	6.8	40	5.9	6.0	* 3.0	* 5.5	24	2.9	1.0	2.3	4.0
04	57	15.4	3.4	3.5	6.3	62	13.9	8.0	3.5	6.0	38	8.1	6.0	* 2.5	* 5.3	24	3.0	1.0	* 2.0	* 3.5
05	58	16.1	4.6	3.0	6.0	54	21.0	4.0	3.5	6.8	37	11.6	5.0	2.5	4.5	24	2.7	1.0	2.0	3.5
06	56	16.3	4.3	3.0	6.0	54	23.7	5.9	3.5	6.5	36	8.4	2.1	* 2.5	* 5.0	24	2.0	1.0	2.0	3.5
07	50	22.0	3.9	4.0	6.5	50	24.0	8.0	3.0	6.0	40	10.3	6.3	4.0	6.5	24	2.9	1.0	2.0	3.5
08	48	20.0	6.0	3.5	6.0	46	15.9	8.2	* 3.5	* 6.5	40	6.5	7.0	5.0	8.5	24	1.8	1.0	2.0	3.3
09	46	14.0	4.0	* 2.5	* 5.0	42	18.2	8.0	4.5	8.5	40	5.1	5.2	* 7.0	*10.0	24	3.3	1.0	2.0	3.8
10	46	14.0	4.0	* 4.5	* 8.0	40	14.3	8.0	6.0	8.0	40	2.3	8.0	* 7.0	* 9.0	24	3.3	1.0	* 2.5	* 4.0
11	44	12.7	2.7	2.0	3.5	35	17.0	3.0	* 5.0	*10.0	38	4.0	5.8	4.5	7.0	24	2.0	1.7	2.0	3.5
12	48	16.0	11.4	* 6.3	* 9.8	36	23.8	8.9	* 5.8	* 7.5	34	10.0	5.1	4.0	6.0	25	2.0	2.0	2.0	3.5
13	45	23.0	5.0	* 2.5	* 4.5	40	28.0	6.3	* 5.0	* 7.5	34	4.4	2.0	* 3.0	* 4.5	26	6.4	1.9	2.3	3.5
14	48	16.4	8.0	* 6.0	* 8.5	39	17.9	7.0	* 8.3	*12.0	36	6.2	2.0	* 3.3	* 5.3	26	6.5	2.7	* 3.0	* 4.0
15	45	10.3	5.6	* 6.3	* 9.5	45	16.5	9.0	* 3.5	* 6.0	42	2.0	7.9	* 5.0	* 7.5	30	6.9	5.1	* 2.8	* 4.8
16	45	16.9	5.2	2.5	4.0	48	11.0	6.0	* 3.5	* 7.0	42	4.0	9.6	3.3	5.5	26	3.7	2.0	2.0	3.5
17	50	20.0	6.1	3.0	5.5	55	15.2	8.6	3.5	6.3	46	8.0	6.0	* 4.0	* 5.5	25	2.0	1.1	2.3	3.8
18	56	16.0	6.3	3.0	6.0	55	21.0	9.9	3.0	5.3	46	8.1	6.1	* 2.5	* 4.5	24	2.0	1.0	1.5	2.8
19	56	14.5	5.4	2.8	5.8	56	21.2	7.9	3.0	6.0	42	4.2	4.0	* 3.0	* 5.0	24	0.9	1.0	1.5	2.5
20	58	13.6	4.4	3.0	6.0	54	22.4	4.0	3.3	6.0	44	2.1	4.0	3.5	5.8	24	1.0	1.0	1.0	2.5
21	58	14.0	4.0	2.5	6.0	59	11.8	7.0	2.8	5.3	42	4.0	7.5	3.0	5.0	24	1.0	3.0	1.3	2.5
22	56	16.0	2.8	3.0	6.0	62	12.0	10.0	2.5	5.5	38	8.0	6.0	2.5	5.5	23	1.5	2.5	1.0	2.5
23	60	12.0	7.5	3.0	6.0	60	10.0	4.7	2.8	5.5	40	5.5	7.5	3.0	5.5	24	3.0	3.0	1.0	2.5

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

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

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

D_u = ratio of upper decile to median in db.

D_ℓ = ratio of median to lower decile in db.

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

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

MONTH-HOUR VALUES OF RADIO NOISE

STATION NEW DELHI, INDIA LAT. 28.8 N LONG. 77.3 E JANUARY 1965

HR. GMT.	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	1.5	3.5	6.8	9.5	133	4.0	4.0	9.0	12.5	108	6.0	6.0	7.8	12.0	91	7.0	3.0	4.0	6.5
01	156	3.3	2.0	7.0	9.5	133	4.0	5.3	9.0	13.0	108	9.3	7.3	7.5	12.5	92	5.3	6.0	5.0	8.0
02	156	4.0	2.0	7.3	9.8	133	6.6	5.3	9.8	13.5	106	12.0	7.5	7.0	10.5	90	7.3	4.0	4.5	6.5
03	156	4.0	1.3	7.3	10.0	132	6.3	4.3	9.5	13.0	104	11.3	6.6	7.5	10.8	90	6.0	6.0	* 6.3	* 8.8
04	156	5.6	1.7	7.3	9.5	131	5.3	4.0	9.5	13.5	104	11.3	8.6	8.8	13.0	86	9.3	4.0	4.3	6.5
05	156	4.0	2.0	7.0	9.3	131	6.0	4.0	8.8	12.0	106	12.0	9.5	* 8.5	*15.0	85	12.8	5.0	3.5	5.0
06	156	4.0	2.0	7.0	10.0	127	9.5	4.0	8.5	12.3	101	15.8	8.2	7.0	10.5	82	10.4	8.0	3.0	4.8
07	154	4.0	2.0	6.5	9.0	123	6.0	4.0	7.5	9.5	94	9.8	11.3	* 5.3	* 8.3	78	6.6	5.3	3.5	5.5
08	152	4.0	2.0	5.8	8.3	117	11.5	2.0	5.3	7.5	92	4.0	12.0	4.0	6.5	76	8.0	6.0	3.5	5.0
09	152	4.0	2.0	5.8	8.0	117	3.3	4.0	3.5	6.5	92	7.3	6.6	* 4.0	* 6.0	77	7.0	7.0	2.5	4.5
10	152	4.0	2.0	6.5	9.5	117	5.9	4.1	5.0	7.0	94	6.4	8.0	* 6.3	*10.0	76	6.1	6.0	3.0	5.0
11	154	2.0	4.0	7.0	9.0	117	7.5	2.0	5.5	7.5	92	8.3	8.0	* 3.5	* 5.5	80	5.1	10.0	3.0	5.0
12	154	2.1	4.0	6.0	8.5	119	6.4	4.2	* 5.3	* 7.0	94	18.0	10.6	* 4.5	* 7.5	82	4.9	12.0	* 3.5	* 5.0
13	154	2.0	4.0	6.0	8.5	119	7.9	6.0	7.0	9.3	96	14.0	9.0	* 6.0	*10.3	76	10.0	6.0	* 3.5	* 5.5
14	154	2.0	4.0	7.0	9.5	121	8.2	7.1	7.5	9.5	92	13.4	8.0	* 6.8	* 8.3	76	8.5	4.5	4.0	5.0
15	154	4.0	2.0	6.8	8.8	118	7.9	3.0	7.5	10.0	92	10.7	10.7	* 6.5	* 7.5	74	8.0	4.0	3.8	5.0
16	156	2.0	3.3	7.0	8.0	117	11.3	2.0	8.5	11.5	96	13.1	11.2	6.5	9.0	79	10.3	7.0	3.5	5.5
17	156	2.0	2.0	6.0	8.0	122	11.6	5.0	8.5	11.5	102	11.9	9.5	7.0	10.5	84	17.8	11.3	5.0	9.0
18	157	2.3	2.3	6.0	8.0	125	11.5	8.0	8.5	12.0	108	12.2	11.8	9.5	12.5	85	19.8	7.1	5.8	7.3
19	158	3.3	3.3	6.0	8.0	125	11.3	6.0	8.5	11.5	106	12.0	11.6	7.3	10.8	86	18.5	5.7	5.0	7.5
20	158	2.0	2.0	6.0	8.3	129	7.0	6.0	8.5	10.8	108	10.0	5.9	* 7.0	*10.0	88	10.0	4.0	5.0	6.0
21	158	2.0	2.0	6.8	9.5	131	5.3	4.0	6.5	9.5	108	8.2	7.6	* 7.0	*12.0	88	10.0	2.0	5.5	7.8
22	158	2.0	2.0	7.0	10.0	131	8.4	4.0	8.0	10.0	112	9.9	9.9	7.0	9.5	88	13.0	4.0	5.5	6.5
23	158	2.0	2.0	7.5	10.0	133	2.0	5.3	8.0	11.5	112	7.5	8.0	7.0	11.0	91	6.3	5.0	4.5	4.5

HR. GMT.	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	69	4.0	10.6	3.5	6.0	67	4.0	6.0	3.5	6.0	51	4.0	8.3	3.5	5.5	23	2.0	0.0	1.5	2.8
01	69	6.6	11.3	3.8	6.5	67	5.3	7.3	3.0	6.0	51	4.6	6.0	2.8	5.0	24	1.0	1.0	1.8	3.0
02	69	6.6	8.0	3.5	6.5	65	6.0	4.0	3.8	5.8	52	3.5	9.0	3.0	5.5	25			1.8	2.8
03	69	5.3	10.0	3.5	6.0	65	5.3	8.0	4.0	5.5	51	4.0	6.5	2.5	4.5	25	1.7	2.0	1.5	3.0
04	69	4.0	11.5	3.5	6.0	65	4.0	8.0	4.0	6.5	51	4.0	6.4	3.0	5.0	25			* 1.5	* 2.8
05	69	4.0	11.3	3.0	6.0	65	2.0	12.0	4.0	7.0	51	2.3	8.1	3.5	6.0	25			2.0	3.5
06	69	3.5	13.0	3.0	5.5	61	8.0	8.0	3.8	6.0	51	4.0	6.3	* 2.5	* 4.5	25	2.0	0.0	2.3	3.8
07	63	8.0	11.5	3.5	6.3	61	8.0	8.0	3.3	6.5	53	4.3	4.0	* 4.0	* 6.0	25	2.0	0.7	* 2.5	* 4.3
08	65	6.0	17.5	3.5	6.5	63	6.0	24.0	* 3.0	* 6.0	52	2.5	5.5	* 3.5	* 5.5	25	2.0	2.0	2.0	3.5
09	59	13.3	12.0	3.5	6.5	61	8.0	22.0	4.5	7.5	51	4.2	5.9	5.3	7.5	25	3.3	2.0	2.0	3.8
10	57	15.5	13.5	3.5	5.0	61	8.3	26.0	4.0	7.3	49	4.0	6.0	3.8	5.3	25	2.1	2.0	3.0	4.0
11	58	14.6	13.1	3.0	6.0	59	9.9	20.3	5.0	7.5	48	5.0	7.0	* 3.5	* 5.5	24	3.0	1.5	2.5	4.0
12	65	6.0	20.3	3.5	6.5	57	10.5	22.0	* 4.3	* 7.3	51	2.0	11.5	* 3.5	* 5.5	25	11.4	2.0	* 3.0	* 4.0
13	67	4.0	22.0	* 3.5	* 6.5	61	7.1	24.2	4.0	7.0	50	3.0	9.2	* 4.5	* 7.0	33	6.8	9.6	* 2.5	* 3.5
14	57	14.0	12.6	4.5	7.5	52	15.0	17.9	* 4.5	* 8.3	51	2.3	10.0	* 2.0	* 3.5	33	8.0	8.0	* 4.5	* 7.5
15	59	12.0	13.9	* 4.0	* 7.0	55	12.0	15.8	* 8.0	*10.0	49	6.0	5.4	* 3.5	* 6.0	34	6.6	10.6	4.5	6.5
16	61	8.0	15.7	* 3.5	* 5.5	59	8.0	14.0	4.0	6.5	52	3.3	7.0	* 4.0	* 6.0	35	7.5	10.0	3.0	4.5
17	63	8.0	14.0	4.0	6.0	59	10.0	11.9	* 4.5	* 7.5	59	8.9	8.0	* 7.0	*10.0	26	11.1	3.0	3.0	4.0
18	67	7.6	14.5	4.5	8.3	61	6.0	9.8	4.0	6.0	60	9.5	7.0	* 6.3	* 9.0	23	4.0	0.0	2.5	4.0
19	65	7.9	13.7	4.0	6.5	65	2.0	13.3	3.5	6.0	55	4.0	6.6	* 3.0	* 5.0	23	2.0	0.0	1.5	3.0
20	67	5.6	13.6	4.0	6.0	65	4.7	12.1	3.0	5.5	55	4.0	6.3	* 3.5	* 6.0	23	2.0	0.1	1.5	3.0
21	69	3.6	13.2	* 5.0	* 7.0	65	6.4	11.7	3.5	5.5	55	4.5	4.5	3.5	5.0	23	2.0	0.1	2.0	3.0
22	69	4.0	13.5	3.0	5.0	65	4.0	11.9	3.5	6.0	53	3.4	6.7	3.3	5.0	23	2.0	0.1	1.5	2.8
23	69	4.0	11.5	3.5	6.5	67	2.0	8.0	3.0	5.5	51	2.5	8.5	2.5	4.5	23	2.0	0.0	2.0	3.5

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

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

F_{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 NEW DELHI, INDIA LAT. 28.8 N LONG. 77.3 E FEBRUARY 1965

HR. LST.	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	2.2	5.5	8.5	133	9.9	4.0	7.8	10.8	109	13.7	5.7	9.5	14.5	92	11.9	6.0	5.3	8.3
01	159	4.0	3.9	6.5	9.0	132	9.1	3.0	8.0	11.5	109	10.3	6.0	9.0	12.5	91	13.5	4.0	4.8	7.5
02	157	4.0	2.3	5.8	8.8	131	7.9	3.9	7.5	11.0	108	9.1	5.2	9.0	14.5	90	12.3	4.0	4.5	7.0
03	157	4.2	2.0	6.0	9.0	133	4.0	6.0	7.0	10.0	107	11.6	6.0	9.5	14.3	90	10.2	5.9	3.0	6.0
04	157	4.1	2.0	6.5	9.5	130	8.6	3.0	7.5	11.0	105	8.6	6.3	7.5	13.0	86	10.3	3.7	2.8	4.8
05	157	2.1	3.7	6.5	9.5	129	7.6	3.7	8.5	11.0	105	11.4	7.9	*10.8	*14.8	84	12.5	4.0	3.5	6.0
06	158	1.2	3.0	5.8	8.8	125	8.3	2.0	6.3	9.3	96	18.0	7.0	* 4.0	* 6.5	78	18.0	4.3	2.5	5.0
07	153	2.2	1.9	5.0	8.5	121	8.4	2.0	3.8	5.8	93	14.0	8.0	* 9.8	*13.3	76	15.4	4.7	* 3.3	* 6.3
08	153	2.0	2.0	4.0	6.8	119	10.0	2.0	2.5	5.5	89	18.0	5.1	* 7.0	*10.5	78	11.4	5.0	2.8	4.8
09	153	2.0	2.0	4.0	6.5	119	7.4	4.0	3.5	6.5	91	16.6	7.3	* 5.8	* 8.8	76	16.7	5.4	3.0	7.3
10	153	2.0	2.0	5.5	8.3	121	8.0	6.0	3.5	7.5	92	11.6	7.0	*11.0	*20.0	76	15.8	4.9	* 5.3	* 8.3
11	153	2.0	1.5	5.5	8.5	121	4.0	5.5	5.0	7.0	92	11.0	7.0	* 6.0	*10.0	82	6.0	11.5	4.5	6.0
12	155	2.1	2.1	5.5	8.0	121	8.0	4.0	7.0	9.0	94	14.9	7.1	* 6.0	* 8.5	81	16.1	8.3	* 5.0	* 8.0
13	154	4.3	3.0	* 7.5	*10.0	121	14.4	4.0	* 8.5	*12.0	93	25.6	6.2			80	11.5	11.8	* 3.5	* 5.0
14	155	2.1	2.1	* 5.8	* 8.8	125	13.1	8.0	5.5	8.0	97	24.0	10.6	9.5	13.0	84	16.9	10.9	4.5	7.0
15	155	5.8	2.9	6.5	8.5	123	17.4	6.0	4.0	7.0	95	27.8	8.9	8.0	15.0	80	18.3	6.3	5.0	6.8
16	157	2.3	6.0	7.0	9.5	121	17.4	4.7	9.0	12.0	93	31.4	8.0	*11.8	*15.5	82	20.3	8.0	4.5	7.0
17	157	4.6	2.0	6.5	8.8	124	17.6	5.2	9.0	12.5	103	24.6	10.3	9.3	15.5	86	24.2	8.0	8.0	14.5
18	157	6.0	3.9	5.8	8.0	125	20.0	5.7	9.0	12.5	109	18.2	12.4	7.0	14.5	90	19.8	8.1	6.5	9.5
19	157	7.9	2.1	6.5	9.0	127	18.6	6.0	9.5	13.3	108	18.9	8.9	11.0	15.0	92	14.0	9.9	8.8	12.8
20	159	3.7	2.0	6.5	8.8	129	14.1	4.0	7.3	10.8	111	13.5	9.7	8.8	14.3	92	15.6	10.0	6.5	9.8
21	159	3.9	2.0	6.0	9.0	131	10.4	2.0	6.8	8.8	109	14.6	8.2	7.5	12.5	92	16.0	8.1	7.0	13.0
22	159	5.7	2.0	6.0	9.5	133	10.0	4.0	7.3	10.5	115	12.0	8.3	9.0	13.5	94	16.0	10.0	6.0	8.5
23	159	4.3	2.0	6.0	8.5	131	12.0	2.6	7.8	11.0	112	12.0	7.0	6.5	11.0	92	15.9	6.2	4.5	6.5

HR. LST.	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	64	11.0	9.0	* 5.0	* 7.0	61	8.1	4.0	* 5.0	* 7.5	40	6.3	6.0	* 2.8	* 4.8	25	0.5	2.0	2.0	3.3
01	65	7.8	8.9	* 4.0	* 7.0	59	8.7	8.7	* 4.5	* 7.0	39	9.0	7.0	* 2.0	* 3.5	25	0.7	2.0	2.3	3.5
02	63	8.7	8.0	* 3.5	* 5.5	57	7.4	2.0	4.5	7.0	40	5.4	8.0	* 2.5	* 4.0	25	2.0	0.0	* 1.5	* 3.5
03	61	12.0	6.7	* 3.5	* 5.5	58	7.5	5.5	* 3.5	* 5.5	38	10.3	4.3	2.5	4.5	25	2.0	0.0	* 1.3	* 2.8
04	63	8.7	8.0	* 3.5	* 5.5	56	8.0	5.0	* 4.3	* 6.5	36	10.7	4.0	* 1.5	* 3.5	25	2.0	0.0	1.5	3.0
05	61	10.7	6.7	* 2.5	* 5.0	55	9.0	4.5	* 5.0	* 7.5	36	10.0	2.0	* 2.0	* 4.0	25	2.0	0.0	* 1.0	* 2.5
06	59	12.0	4.0	* 1.5	* 4.3	55	12.0	6.0	* 3.5	* 5.5	40	8.7	6.7	* 1.5	* 3.0	25	2.0	0.0	* 1.8	* 3.5
07	53	15.3	5.3	* 5.5	* 7.5	49	10.6	2.8	* 3.0	* 5.0	42	6.0	8.0	* 4.0	* 5.5	25	2.0	0.0	2.0	3.5
08	52	23.0	7.0	* 2.3	* 3.8	44	22.5	5.0			42	4.5	4.0	* 5.5	* 8.0	25	2.0	0.0	* 2.0	* 3.3
09	53	15.3	8.0	* 3.0	* 4.5	44	19.4	6.3			40	6.9	6.0	* 6.3	* 8.8	25	2.0	1.3	* 2.0	* 3.5
10	53	15.8	8.0	* 3.3	* 6.0	45	15.1	11.1	* 8.3	*12.0	38	9.3	3.3	* 6.8	*11.0	25	4.9	0.0	* 2.5	* 3.5
11	53	19.7	8.0	* 3.5	* 6.0	41	29.2	4.1	* 4.0	* 6.5	40	7.7	8.9			27	2.6	4.0	* 3.0	* 4.0
12	53	19.6	8.2	* 5.5	* 8.0	44	24.6	9.4	* 8.3	* 8.3	39	9.0	7.2	* 4.5	* 6.0	27	7.4	3.6	* 3.5	* 5.3
13	55	17.7	11.9	* 6.0	* 6.0	43	24.3	8.0	* 7.5	*10.5	36	13.7	5.7	* 5.0	* 8.0	27	8.3	2.0	* 4.3	* 5.3
14	* 53			* 4.5	* 5.8	51	15.7	10.6	* 4.0	* 5.5	40	8.0	8.0	* 7.5	* 9.5	31	4.0	6.0	* 4.0	* 5.0
15	53	15.1	9.1	* 4.8	* 7.8	51	16.2	12.0	* 5.5	* 7.5	42	9.1	4.0	* 5.8	* 8.8	29	6.9	4.0	* 3.8	* 5.0
16	57	13.8	9.8	* 4.5	* 6.5	54	12.8	13.6	* 7.0	* 9.5	46	6.5	3.0	* 4.8	* 7.0	27	8.0	2.0	* 3.5	* 4.8
17	61	14.5	10.5	* 6.3	* 8.5	55	12.1	6.0	* 9.0	*11.5	58	4.0	12.0	* 9.0	*13.5	27	9.9	2.0	3.8	6.0
18	63	14.3	10.0	* 7.5	* 9.8	57	12.0	8.0	* 9.5	*12.0	56	8.0	10.9	*10.5	*15.5	27	2.2	4.0	2.5	4.0
19	66	11.3	13.2	7.5	11.0	57	10.0	2.7	* 4.5	* 6.5	44	4.2	2.2	* 5.5	* 7.5	25			2.0	3.5
20	64	11.0	11.3	* 4.5	* 7.0	59	9.4	8.0	* 4.0	* 6.0	48	4.0	6.1	* 7.5	* 9.5	25	3.9	2.0	2.0	3.5
21	65	10.3	10.2	* 4.5	* 7.0	58	11.1	5.7	* 4.3	* 6.5	44	6.0	4.3	* 3.3	* 5.0	25	1.7	2.0	* 1.3	* 2.5
22	65	9.9	9.7	* 5.0	* 7.5	61	8.6	7.9	4.0	5.8	44	4.2	7.9	* 3.5	* 5.5	23	2.6	0.0	* 1.3	* 3.0
23	63	10.6	8.3	* 5.0	* 7.5	63	4.0	6.3	* 4.0	* 6.0	42	6.3	8.0	* 2.8	* 4.5	25	0.2	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.

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

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