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BEHAVIOR OF THE IONOSPHERIC F-REGION DURING GEOMAGNETIC STORMS.--ETC(U)

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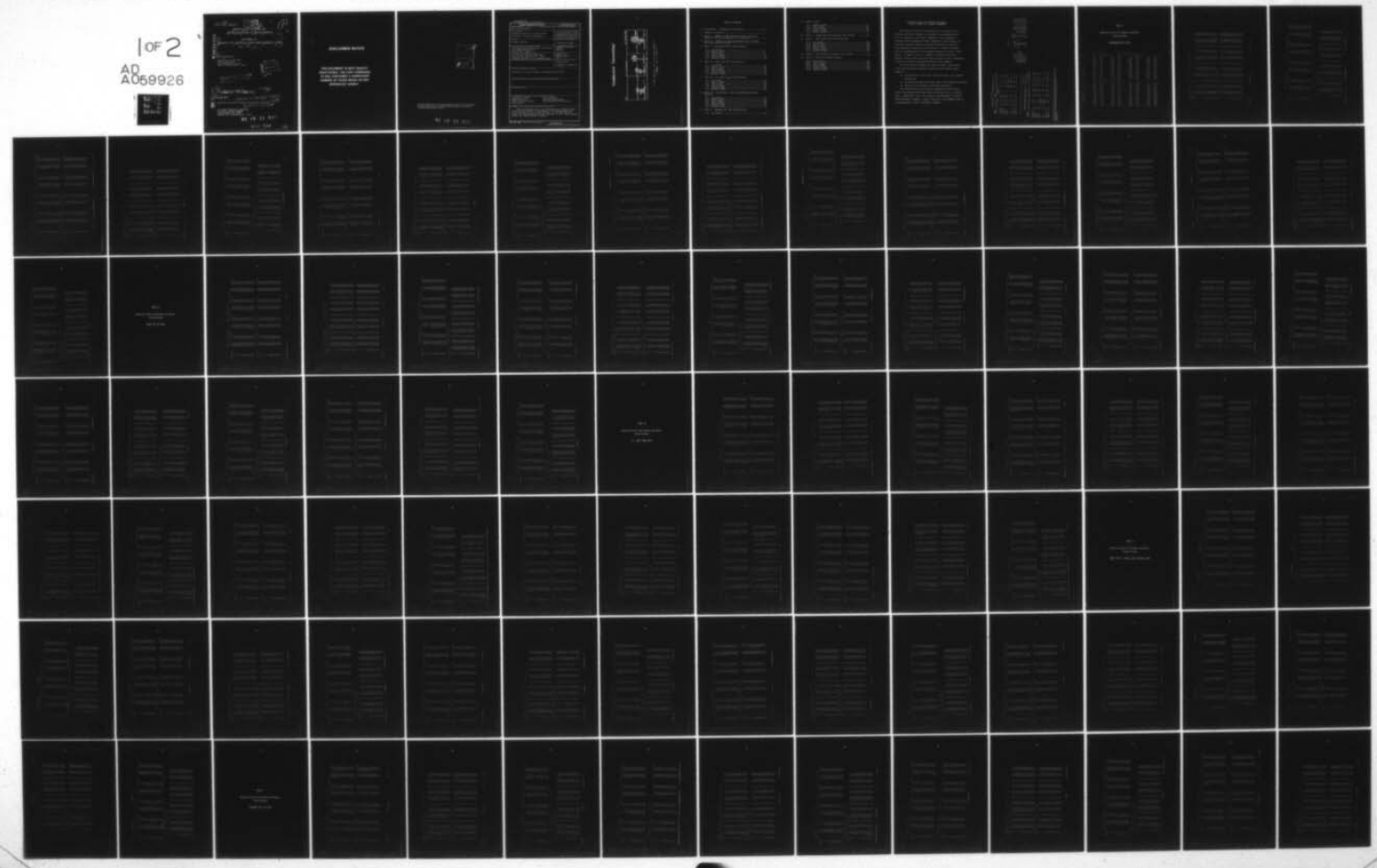

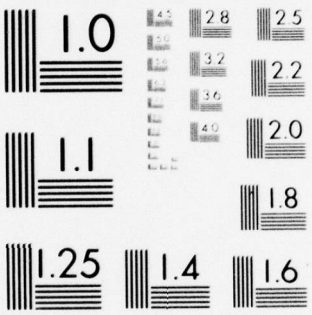

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LEVEL III

TABULATED VALUES FOR AVERAGE AND MEDIAN STORM PATTERNS IN F-REGION PARAMETERS.

VOL II
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AN APPENDIX TO:

BEHAVIOR OF THE IONOSPHERIC F-REGION DURING GEOMAGNETIC STORMS.

Appendix.

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This report consists of an extensive set of Tables giving a statistical summary of ionospheric storm morphologies more fully discussed in the report Behavior of the Ionospheric F-Region During Geomagnetic Storms, Mendillo (1978), final contract report for AFGL/F-19628-75-C-0044.

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Geophysical Forecasting!

"O dear Ophelia, I am ill at these numbers."

--- HAMLET, Act II, Scene ii.

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TABULATED VALUES FOR AVERAGE AND MEDIAN STORM PATTERNS IN F-REGION PARAMETER

This report consists of an extensive set of Tables giving a detailed statistical summary of ionospheric storm morphologies. It is an appendix to the report "Behavior of the Ionospheric F-Region During Geomagnetic Storms",(Mendillo, 1978) volume 2 of the Final Scientific Report from Boston University to the Air Force Geophysics Laboratory for Contract No. F-19628-75-C-0044. The full documentation of the analysis procedure is given in that report. In Tables I and II, a summary is given of the Total Electron Content (TEC) observing sites, satellites used, ionospheric locations monitored and parameter/storm periods covered.

For each station examined, the tables include a description of the following storm patterns (variations upon monthly median behavior):

(1) Average Daily (local time) Variations (SD), with standard deviations

(2) Average Storm-Time Variations (Dst), with standard deviations

(3) Median Daily and Median Storm-Time Variations.

For stations where the data base exceeded 60 storm periods, each of the analyses described above was carried out on a seasonal basis: Summer(May, June, July, August), Fall(September, October), Winter(November, December, January, February), Spring(March, April) and Equinox(March, April, September, October).

Table I

STATION NAME	ANTENNA SITES LAT (°N)	ANTENNA SITES LONG (°E)	NAME OF SAT	SATELLITE INFORMATION LAT Nominal Values	SATELLITE INFORMATION LONG (°E)	EVEV (°)	AZIMUTH (°)
NARSSARSSUAQ	61.2	-45.4	ATS-3	0	-70*	17.9	207.6
GOOSE BAY	53.3	-60.3	ATS-3	0	-70*	28.7	192.0
HAMILTON	42.6	-70.8	ATS-3	0	-70*	41.0	178.8
ATHENS	38.0	23.7	152F2	0	-34 to 97	4to46 (34.2)†	133.0†
OSAN	37.2	127.10	152F2	0	135 to 200	5to46 (18.4)†	112.3†
ROSMAN, N.C.	35.1	-82.9	ATS-3	0	-70*	42.7	158.2
KENNEDY SFC	28.6	-80.6	ATS-3	0	-70*	54.8	158.5

STATION NAME	420 Km Sub-ionospheric point parameters LAT	LONG	Dip(I)	Inv(Λ)	L	Solar Positions X at sub-ion point (12 LT) S SOL	W SOL	EQUINOX
NARSSARSSUAQ	53.1	-52.2	74.9	63.03	4.86	29.7	76.5	54.4
GOOSE BAY	47.5	-62.2	74.1	59.75	3.94	24.1	70.9	48.8
HAMILTON	38.7	-70.7	69.9	52.79	2.94	15.3	62.1	40.0
ATHENS	33-35	13 to 43 +(28)†	48.5	31.03	1.36	10.6	57.4	35.3
OSAN	33-34	128 to 146 +(137)†	45.7	26.76	1.25	10.6	57.4	35.3
ROSMAN, N.C.	32.1	-81.5	64.6	46.51	2.11	8.7	55.5	35.4
KENNEDY SFC	26.3	-79.6	59.3	41.39	1.78	2.9	49.7	27.6

*Nominal value; changes in the ATS-3 satellite position were small (≈few degrees) after mid-1971 position varied by ≈40° before then. ATS-3 began moving again in July 1976.
† Nominal Value

Table II

STATION	PARAMETER	NUMBER OF STORMS	TIME PERIOD	STORM NUMBERS
Goose Bay, Lab.	TEC	67	Nov 71-Apr 75	59-141
Goose Bay, Lab.	Slab Thickness	65	Nov 71-Mar 75	59-139
St. John's, Nfld.	N_{max}	65	Nov 71-Mar 75	59-139
Narssarssuaq, Gnld.	TEC	70	Apr 71-Dec 75	50-129
Kennedy SFC, Fla.	TEC	70	Nov 73-Sep 76	97-175
Athens, Greece	TEC	63	Oct 72-Dec 76	71-180
Osan, Korea	TEC	31	Jan 74-Jun 76	100-172
Rosman, N.C.	TEC	13	Jan 72-Dec 72	61- 75
Hamilton, Ma.	TEC	109	Jan 71-Dec 75	46-158

TABLE 1

TABULATED VALUES FOR AVERAGE AND MEDIAN STORM PATTERNS

NARSSARSSUAQ TEC DATA

NARSSARSSUAQ TEC 71-74 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DAILY VARIATIONS (SC) **** = NO DATA # ANALYZED THIS RUN = 70

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	36.60	13.0	35.58	65.0	8.78	60.0	2.88	53.0
1	49.92	14.0	45.56	66.0	12.79	63.0	5.71	57.0
2	53.44	17.0	47.79	68.0	17.71	63.0	6.62	57.0
3	52.18	18.0	64.43	68.0	10.96	61.0	10.91	57.0
4	81.97	19.0	74.63	68.0	15.53	62.0	16.78	56.0
5	58.66	22.0	62.55	68.0	13.11	63.0	10.45	58.0
6	47.49	22.0	37.61	69.0	10.44	63.0	4.15	59.0
7	23.22	22.0	9.09	68.0	5.41	62.0	2.92	59.0
8	5.55	23.0	-7.06	67.0	2.19	62.0	1.33	60.0
9	7.69	28.0	-5.39	68.0	0.03	63.0	0.44	61.0
10	11.20	35.0	-5.75	68.0	0.77	63.0	1.36	62.0
11	14.03	38.0	-3.21	68.0	-0.20	63.0	1.90	61.0
12	18.23	45.0	-5.93	67.0	1.34	63.0	0.73	62.0
13	19.37	47.0	-6.12	68.0	1.50	63.0	2.08	62.0
14	21.94	48.0	-6.55	68.0	1.59	62.0	2.13	62.0
15	18.45	49.0	-10.76	67.0	-0.71	61.0	-1.85	62.0
16	3.40	55.0	-13.49	67.0	-4.00	60.0	-3.39	63.0
17	-1.35	55.0	-15.06	69.0	-8.51	58.0	-1.75	63.0
18	7.81	56.0	-5.85	67.0	-8.30	58.0	-3.91	62.0
19	34.14	57.0	-7.14	65.0	-3.60	59.0	-7.94	62.0
20	48.71	58.0	2.14	65.0	7.32	56.0	-4.50	62.0
21	50.01	57.0	4.55	64.0	5.72	56.0	-3.50	60.0
22	53.04	61.0	5.97	64.0	6.39	57.0	-1.02	61.0
23	61.39	60.0	0.67	64.0	0.89	57.0	1.79	57.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	89.3	13.0	58.9	65.0	49.7	60.0	32.7	53.0
1	88.4	14.0	66.3	66.0	48.4	63.0	36.1	57.0
2	103.1	17.0	97.9	68.0	50.3	63.0	45.3	57.0
3	119.6	18.0	80.7	68.0	44.5	61.0	48.5	57.0
4	104.4	19.0	101.1	68.0	60.2	62.0	60.0	56.0
5	98.0	22.0	91.6	68.0	59.7	62.0	43.5	58.0
6	91.4	22.0	80.9	69.0	51.9	63.0	28.6	59.0
7	40.5	22.0	38.4	68.0	33.2	62.0	24.8	59.0
8	14.8	23.0	19.2	67.0	28.0	62.0	19.4	60.0
9	19.4	28.0	17.0	68.0	20.1	63.0	18.6	61.0
10	21.7	35.0	18.0	68.0	23.5	63.0	18.7	62.0
11	20.8	38.0	17.9	68.0	21.5	63.0	20.2	61.0
12	25.1	45.0	22.0	67.0	24.9	63.0	22.9	62.0
13	26.9	47.0	25.3	68.0	23.6	63.0	26.3	62.0
14	32.1	48.0	33.0	68.0	21.0	62.0	27.4	62.0
15	33.2	49.0	30.0	67.0	17.6	61.0	19.4	62.0
16	25.8	55.0	21.4	67.0	18.7	60.0	21.8	63.0
17	29.9	55.0	28.3	65.0	22.8	58.0	25.4	63.0
18	51.0	56.0	43.9	67.0	26.4	58.0	30.1	62.0
19	91.3	57.0	40.3	65.0	39.0	59.0	33.8	62.0
20	86.5	59.0	68.9	65.0	50.6	56.0	30.7	62.0
21	104.1	57.0	58.3	64.0	54.3	55.0	37.3	60.0
22	92.6	61.0	46.4	64.0	41.9	57.0	34.7	61.0
23	65.2	60.0	45.2	64.0	28.3	57.0	36.8	59.0

NARSSARSSUAO TEC 71-74 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DST VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 70

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	10.05	66.0	24	6.55	66.0	48	4.67	63.0	72	4.27	61.0
1	24.51	64.0	25	12.40	67.0	49	3.39	62.0	73	3.80	60.0
2	42.04	65.0	26	15.14	67.0	50	7.65	62.0	74	-0.52	59.0
3	34.45	64.0	27	7.66	67.0	51	-1.49	60.0	75	-0.78	61.0
4	33.91	63.0	28	4.15	68.0	52	-4.53	60.0	76	-1.02	61.0
5	30.96	62.0	29	1.93	67.0	53	-0.80	61.0	77	0.61	61.0
6	29.06	63.0	30	2.76	66.0	54	2.48	58.0	78	2.71	60.0
7	42.72	63.0	31	5.37	64.0	55	7.68	60.0	79	3.54	59.0
8	44.41	64.0	32	4.74	64.0	56	1.55	60.0	80	-1.43	60.0
9	42.58	65.0	33	-0.50	64.0	57	6.59	60.0	81	-0.44	61.0
10	44.37	65.0	34	0.47	64.0	58	6.53	61.0	82	1.50	61.0
11	51.54	65.0	35	0.96	63.0	59	0.10	61.0	83	3.60	58.0
12	43.38	66.0	36	-0.58	64.0	60	0.77	61.0	84	-2.09	61.0
13	41.92	65.0	37	-0.51	64.0	61	-0.84	61.0	85	-0.81	61.0
14	32.22	66.0	38	6.01	65.0	62	3.92	60.0	86	-1.73	61.0
15	22.61	66.0	39	6.06	63.0	63	1.34	62.0	87	-2.04	63.0
16	26.28	68.0	40	9.72	61.0	64	12.39	63.0	88	-1.33	62.0
17	21.79	68.0	41	5.78	63.0	65	8.39	62.0	89	-1.19	62.0
18	24.77	68.0	42	8.93	64.0	66	3.60	63.0	90	-0.11	62.0
19	11.33	67.0	43	5.11	64.0	67	2.55	62.0	91	-1.95	62.0
20	12.34	67.0	44	9.50	64.0	68	7.72	62.0	92	0.26	63.0
21	6.94	67.0	45	3.69	64.0	69	5.67	61.0	93	3.17	62.0
22	1.06	67.0	46	1.33	64.0	70	3.23	61.0	94	3.96	62.0
23	-1.47	67.0	47	1.21	63.0	71	3.42	60.0	95	2.86	63.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	29.7	66.0	24	51.6	66.0	48	51.7	63.0	72	48.2	61.0
1	54.2	64.0	25	52.7	67.0	49	55.3	62.0	73	41.8	60.0
2	78.2	65.0	26	54.1	67.0	50	50.8	62.0	74	27.3	59.0
3	51.2	64.0	27	55.8	67.0	51	33.9	60.0	75	32.4	61.0
4	57.4	63.0	28	53.6	68.0	52	29.7	60.0	76	31.0	61.0
5	50.9	62.0	29	48.0	67.0	53	29.1	61.0	77	35.3	61.0
6	50.3	63.0	30	57.4	66.0	54	33.5	58.0	78	29.7	60.0
7	81.7	63.0	31	48.2	64.0	55	35.5	60.0	79	31.4	59.0
8	82.1	64.0	32	47.9	64.0	56	34.5	60.0	80	25.0	60.0
9	92.5	65.0	33	40.7	64.0	57	36.3	60.0	81	23.3	61.0
10	85.3	65.0	34	32.9	64.0	58	40.2	61.0	82	39.7	61.0
11	108.3	65.0	35	31.3	63.0	59	32.6	61.0	83	36.7	58.0
12	91.1	66.0	36	29.9	64.0	60	35.7	61.0	84	29.8	61.0
13	83.0	65.0	37	31.1	64.0	61	30.8	61.0	85	25.3	61.0
14	71.4	66.0	38	36.4	65.0	62	35.6	60.0	86	28.5	61.0
15	56.5	66.0	39	46.6	63.0	63	30.8	62.0	87	26.8	63.0
16	62.1	68.0	40	49.6	64.0	64	52.5	63.0	88	28.9	62.0
17	57.2	68.0	41	45.8	63.0	65	47.3	62.0	89	29.1	62.0
18	62.2	68.0	42	45.7	64.0	66	30.5	63.0	90	35.0	62.0
19	48.1	67.0	43	47.2	64.0	67	26.5	62.0	91	32.8	62.0
20	48.2	67.0	44	54.4	64.0	68	31.8	62.0	92	32.8	62.0
21	45.1	67.0	45	44.4	64.0	69	25.1	61.0	93	35.5	62.0
22	39.0	67.0	46	39.1	64.0	70	24.3	61.0	94	37.4	62.0
23	38.0	67.0	47	38.5	63.0	71	35.5	60.0	95	41.6	63.0

NARSSARSSUAQ TEC 71-74 GEOMAGNETIC STORM ANAYLSIS

MEDIAN DAILY VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 70

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	6.39	13.0	18.18	65.0	-2.22	60.0	-4.76	58.0
1	19.31	14.0	30.59	56.0	1.43	63.0	0.0	57.0
2	23.81	17.0	31.03	54.0	4.82	63.0	0.0	57.0
3	55.30	18.0	45.01	58.0	5.41	61.0	3.03	57.0
4	65.00	19.0	43.10	68.0	0.0	62.0	4.81	59.0
5	37.07	20.0	33.87	68.0	0.0	62.0	0.0	58.0
6	23.68	22.0	5.97	69.0	-4.17	63.0	-1.39	59.0
7	15.68	22.0	-1.36	68.0	-3.52	62.0	0.0	59.0
8	1.82	23.0	-9.09	67.0	-2.69	62.0	-1.37	60.0
9	3.74	28.0	-11.86	65.0	-4.11	63.0	-1.30	61.0
10	5.25	35.0	-9.20	68.0	-3.18	63.0	-1.60	62.0
11	14.50	38.0	-10.76	66.0	-5.00	63.0	-0.51	61.0
12	16.57	45.0	-6.98	67.0	-3.30	63.0	-2.09	62.0
13	14.61	47.0	-9.55	68.0	0.0	63.0	0.0	62.0
14	11.04	48.0	-7.41	68.0	-0.39	62.0	-3.47	62.0
15	9.65	49.0	-14.91	67.0	0.0	61.0	-3.45	62.0
16	0.0	55.0	-17.50	67.0	-1.10	60.0	-0.93	63.0
17	-3.54	56.0	-15.69	65.0	-4.93	58.0	-2.58	63.0
18	-4.40	56.0	-18.05	67.0	-0.12	59.0	-4.53	62.0
19	10.71	57.0	-19.44	65.0	-3.37	59.0	-10.59	62.0
20	19.75	58.0	-18.37	66.0	-5.75	58.0	-6.33	62.0
21	27.37	57.0	-0.15	64.0	-1.84	56.0	-11.17	60.0
22	40.54	61.0	0.76	64.0	0.0	57.0	-2.78	61.0
23	28.15	60.0	-3.81	64.0	0.0	57.0	0.0	59.0

NARSSARSSUAQ TEC 71-74 GEOMAGNETIC STORM ANAYLSIS

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	3.31	66.0	24	-4.70	56.0	48	-6.38	63.0	72	-1.54	61.0
1	14.47	64.0	25	0.0	57.0	49	-4.57	62.0	73	-2.52	60.0
2	20.99	65.0	26	0.0	57.0	50	-5.74	62.0	74	-7.35	59.0
3	14.35	64.0	27	0.0	57.0	51	-7.04	60.0	75	-9.70	61.0
4	17.79	63.0	28	-4.91	56.0	52	-5.84	60.0	76	-3.77	61.0
5	17.72	62.0	29	-3.45	57.0	53	0.0	61.0	77	-7.37	61.0
6	19.35	63.0	30	-6.03	56.0	54	0.0	58.0	78	-3.45	60.0
7	13.54	63.0	31	0.0	54.0	55	0.0	60.0	79	-1.74	59.0
8	14.77	64.0	32	-4.86	54.0	56	-4.58	60.0	80	0.0	60.0
9	11.25	65.0	33	-3.74	54.0	57	-0.39	60.0	81	0.0	61.0
10	13.07	65.0	34	-6.61	54.0	58	-2.11	61.0	82	-1.05	61.0
11	23.00	65.0	35	-4.43	53.0	59	-2.94	61.0	83	-0.46	59.0
12	17.43	66.0	36	-5.56	54.0	60	-2.08	61.0	84	-5.88	61.0
13	17.24	66.0	37	-3.03	54.0	61	0.0	61.0	85	0.0	61.0
14	6.73	65.0	38	-1.27	55.0	62	3.04	60.0	86	-5.35	61.0
15	13.69	66.0	39	-2.33	63.0	63	0.0	62.0	87	-4.21	63.0
16	5.00	66.0	40	-1.23	65.0	64	3.59	63.0	88	-2.85	62.0
17	0.0	68.0	41	-2.67	63.0	65	0.78	62.0	89	-1.19	62.0
18	0.78	68.0	42	-1.00	64.0	66	-2.13	63.0	90	-1.57	63.0
19	0.0	67.0	43	-7.37	64.0	67	0.0	62.0	91	-6.74	63.0
20	0.0	67.0	44	-3.94	64.0	68	0.0	62.0	92	-3.05	63.0
21	0.0	67.0	45	-3.53	64.0	69	0.0	61.0	93	0.53	63.0
22	-5.71	67.0	46	-6.80	64.0	70	0.0	61.0	94	0.75	62.0
23	-7.14	67.0	47	-4.62	63.0	71	-1.87	60.0	95	0.0	63.0

NARSSARSSUAQ TEC 71-74 SEASON: SUMMER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =24

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	24.73	5.0	8.26	22.0	-0.87	18.0	-1.36	21.0
1	64.38	5.0	14.48	22.0	-0.43	20.0	1.87	20.0
2	55.38	5.0	20.81	23.0	7.75	20.0	-3.47	20.0
3	58.05	6.0	37.89	23.0	5.23	21.0	0.53	20.0
4	53.28	5.0	23.47	20.0	-0.57	21.0	-0.59	20.0
5	33.74	5.0	19.02	22.0	-7.65	21.0	-7.31	21.0
6	19.85	5.0	-2.38	23.0	-8.05	21.0	-5.54	21.0
7	14.59	5.0	-5.46	22.0	-8.45	21.0	-6.39	21.0
8	5.09	5.0	-11.69	21.0	-6.55	21.0	-4.22	21.0
9	1.24	7.0	-15.32	22.0	-7.06	21.0	-4.16	21.0
10	5.17	9.0	-15.48	22.0	-5.50	21.0	-0.39	22.0
11	10.77	9.0	-13.17	23.0	-3.71	21.0	3.97	22.0
12	14.76	11.0	-7.20	21.0	-1.14	21.0	4.25	22.0
13	18.30	10.0	-6.65	22.0	-1.54	21.0	7.14	22.0
14	10.68	17.0	-5.74	22.0	1.03	21.0	6.04	22.0
15	12.51	13.0	-7.14	22.0	0.80	20.0	3.54	22.0
16	10.69	16.0	-4.30	23.0	-0.13	21.0	1.53	22.0
17	2.41	15.0	-7.32	22.0	-2.42	20.0	0.70	22.0
18	-4.03	17.0	-8.79	23.0	-2.51	20.0	-1.38	22.0
19	-8.30	18.0	-18.24	22.0	-10.29	20.0	-4.39	22.0
20	1.33	18.0	-19.23	22.0	-8.20	19.0	0.85	22.0
21	-5.17	19.0	-12.75	22.0	-7.20	19.0	-0.89	22.0
22	3.71	20.0	-3.13	22.0	-4.88	21.0	2.19	22.0
23	5.41	20.0	-10.13	22.0	-3.33	21.0	8.42	22.0

NARSSARSSUAQ TEC 71-74 SEASON: SUMMER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	33.7	5.0	34.9	22.0	27.0	18.0	19.5	21.0
1	64.1	5.0	40.5	22.0	21.0	22.0	24.9	20.0
2	54.3	5.0	39.2	23.0	31.8	20.0	27.3	20.0
3	77.2	6.0	40.0	23.0	35.3	21.0	33.7	20.0
4	45.7	5.0	39.0	23.0	26.2	21.0	22.8	20.0
5	40.9	6.0	31.0	22.0	15.4	21.0	14.7	21.0
6	25.4	6.0	30.1	23.0	9.0	21.0	15.9	21.0
7	20.5	6.0	17.4	22.0	12.0	21.0	16.4	21.0
8	18.0	5.0	15.1	21.0	12.0	21.0	19.0	21.0
9	19.5	7.0	14.5	22.0	13.5	21.0	17.0	21.0
10	18.5	9.0	15.3	22.0	14.4	21.0	15.0	22.0
11	15.9	9.0	14.5	22.0	17.0	21.0	18.5	22.0
12	17.3	11.0	16.9	21.0	18.0	21.0	20.3	22.0
13	17.7	12.0	18.8	22.0	18.7	21.0	25.2	22.0
14	22.8	13.0	18.7	22.0	19.3	21.0	27.7	22.0
15	22.7	13.0	16.4	22.0	17.2	20.0	19.2	22.0
16	17.7	16.0	15.7	23.0	17.5	21.0	14.9	22.0
17	14.2	15.0	19.8	22.0	13.1	20.0	20.1	22.0
18	19.4	17.0	21.4	23.0	15.3	20.0	18.9	22.0
19	24.7	18.0	18.4	22.0	16.3	20.0	18.9	22.0
20	17.6	18.0	19.9	22.0	23.0	19.0	24.0	22.0
21	24.9	19.0	32.4	22.0	25.7	19.0	25.1	22.0
22	39.3	20.0	35.5	22.0	22.0	21.0	25.1	22.0
23	42.2	20.0	37.4	22.0	23.3	21.0	29.1	22.0

NARSSARSSUAO TEC 71-74 SEASON: SUMMER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =24

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	6.57	23.0	24	-2.23	20.0	48	-5.71	22.0	72	-0.22	22.0
1	19.74	22.0	25	-6.48	21.0	49	-4.21	21.0	73	4.71	22.0
2	25.64	23.0	26	-3.21	21.0	50	4.11	21.0	74	0.08	22.0
3	23.13	23.0	27	-1.47	21.0	51	-7.78	19.0	75	1.62	22.0
4	23.82	22.0	28	0.04	22.0	52	-5.77	20.0	76	0.93	22.0
5	28.18	21.0	29	-3.35	22.0	53	-3.13	21.0	77	4.51	22.0
6	23.51	22.0	30	-4.73	22.0	54	-5.77	19.0	78	6.37	22.0
7	22.82	22.0	31	-5.67	23.0	55	-4.58	21.0	79	8.37	22.0
8	17.71	23.0	32	-0.07	22.0	56	-4.75	21.0	80	4.73	22.0
9	1.01	23.0	33	-3.37	23.0	57	0.94	21.0	81	5.48	22.0
10	1.42	23.0	34	-0.84	22.0	58	3.72	21.0	82	6.46	22.0
11	0.54	23.0	35	-9.12	22.0	59	0.03	21.0	83	3.58	22.0
12	5.35	23.0	36	-2.56	22.0	60	-0.47	22.0	84	-0.02	22.0
13	3.37	23.0	37	-6.71	22.0	61	1.26	22.0	85	2.28	22.0
14	4.69	21.0	38	-1.49	22.0	62	2.01	22.0	86	3.78	22.0
15	-1.04	21.0	39	-4.59	21.0	63	-0.75	22.0	87	-0.04	22.0
16	0.74	22.0	40	-1.84	22.0	64	-0.95	22.0	88	4.53	22.0
17	-3.67	22.0	41	-6.12	21.0	65	-0.60	22.0	89	-1.37	22.0
18	-4.75	22.0	42	-5.39	21.0	66	-2.46	22.0	90	0.16	22.0
19	-7.70	22.0	43	-6.23	21.0	67	-3.81	22.0	91	0.71	22.0
20	-8.20	22.0	44	-5.52	21.0	68	1.37	22.0	92	5.44	22.0
21	-11.47	21.0	45	-6.87	21.0	69	0.06	22.0	93	5.25	22.0
22	-13.23	21.0	46	-3.54	22.0	70	0.80	22.0	94	7.52	22.0
23	-10.78	21.0	47	-6.07	22.0	71	1.89	22.0	95	4.71	22.0

NARSSARSSUAO TEC 71-74 SEASON: SUMMER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	21.4	23.0	24	20.6	20.0	48	16.3	22.0	72	18.2	22.0
1	48.2	22.0	25	20.0	21.0	49	15.1	21.0	73	25.9	22.0
2	40.0	23.0	26	22.0	21.0	50	23.7	21.0	74	22.5	22.0
3	33.9	23.0	27	25.9	21.0	51	22.3	19.0	75	20.4	22.0
4	37.7	22.0	28	23.4	22.0	52	21.7	20.0	76	35.7	22.0
5	51.5	21.0	29	28.7	22.0	53	23.0	21.0	77	33.8	22.0
6	37.7	22.0	30	19.5	22.0	54	22.1	19.0	78	34.9	22.0
7	42.4	22.0	31	23.4	23.0	55	21.9	21.0	79	27.6	22.0
8	45.1	22.0	32	37.3	22.0	56	19.4	21.0	80	21.5	22.0
9	37.7	23.0	33	43.1	23.0	57	23.9	21.0	81	23.3	22.0
10	36.1	23.0	34	25.4	22.0	58	21.6	21.0	82	22.5	22.0
11	32.0	23.0	35	15.7	22.0	59	21.0	21.0	83	21.5	22.0
12	34.2	23.0	36	20.7	22.0	60	15.8	22.0	84	21.5	22.0
13	37.3	23.0	37	15.5	22.0	61	21.4	22.0	85	23.3	22.0
14	35.7	21.0	38	19.6	22.0	62	14.8	22.0	86	20.8	22.0
15	31.6	21.0	39	14.5	21.0	63	22.1	22.0	87	30.1	22.0
16	33.5	22.0	40	14.0	22.0	64	21.5	22.0	88	32.3	22.0
17	15.7	22.0	41	18.0	21.0	65	24.0	22.0	89	17.3	22.0
18	22.4	22.0	42	14.4	21.0	66	18.0	22.0	90	16.2	22.0
19	18.3	22.0	43	10.7	21.0	67	17.0	22.0	91	15.6	22.0
20	16.3	22.0	44	17.1	21.0	68	20.5	22.0	92	17.9	22.0
21	14.0	21.0	45	16.0	21.0	69	15.1	22.0	93	17.8	22.0
22	15.0	21.0	46	17.4	23.0	70	19.2	22.0	94	20.7	22.0
23	19.2	21.0	47	19.6	22.0	71	13.7	22.0	95	16.5	22.0

NARSSARSSUAO TEC 71-74 SEASON: SUMMER

MEDIAN DAILY VARIATIONS XXXXX = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =24

LOCAL TIME	SD1	NO. STORMS	SD2	NO. STORMS	SD3	NO. STORMS	SD4	NO. STORMS
0	0.38	5.0	-4.98	22.0	-1.06	18.0	-4.76	21.0
1	41.89	5.0	15.51	22.0	-0.35	22.0	1.22	20.0
2	23.81	5.0	12.92	23.0	4.88	20.0	-10.17	20.0
3	34.69	6.0	27.03	23.0	-6.71	21.0	-5.67	20.0
4	47.37	6.0	14.02	22.0	-6.52	21.0	-3.26	22.0
5	45.27	6.0	0.0	22.0	-6.78	21.0	-10.91	21.0
6	23.58	6.0	0.0	23.0	-7.14	21.0	-9.23	21.0
7	6.08	6.0	-7.34	22.0	-10.61	21.0	-4.84	21.0
8	9.17	6.0	-10.53	21.0	-7.32	21.0	-2.63	21.0
9	8.42	7.0	-15.03	22.0	-5.51	21.0	-3.33	21.0
10	8.75	9.0	-13.92	22.0	-4.55	21.0	-2.20	22.0
11	10.29	9.0	-10.76	22.0	-6.33	21.0	-0.84	22.0
12	8.51	11.0	-3.19	21.0	-3.15	21.0	-1.55	22.0
13	15.00	12.0	-5.39	22.0	-5.15	21.0	0.0	22.0
14	1.94	13.0	-5.78	22.0	-0.97	21.0	-2.93	22.0
15	16.75	13.0	-5.41	22.0	1.34	20.0	-2.53	22.0
16	9.21	14.0	-3.59	22.0	0.0	21.0	0.0	22.0
17	0.0	15.0	-8.39	22.0	1.25	20.0	-2.55	22.0
18	-4.50	17.0	-6.67	22.0	-0.43	20.0	-2.42	22.0
19	-10.75	18.0	-21.29	22.0	-10.87	20.0	-10.05	22.0
20	0.0	19.0	-21.97	22.0	-11.49	19.0	-4.41	22.0
21	-10.00	19.0	-17.20	22.0	-13.04	19.0	-7.73	22.0
22	-10.00	20.0	-10.98	22.0	-4.62	21.0	-4.02	22.0
23	-4.74	20.0	-10.89	22.0	0.0	21.0	2.36	22.0

NARSSARSSUAO TEC 71-74 SEASON: SUMMER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	0.0	23.0	24	-0.57	20.0	43	-4.74	22.0	72	0.0	22.0
1	14.47	23.0	25	0.0	21.0	49	-4.55	21.0	73	-0.87	22.0
2	19.92	23.0	26	0.0	21.0	50	0.0	21.0	74	-5.56	22.0
3	12.50	23.0	27	-2.06	21.0	51	-8.57	19.0	75	-5.29	22.0
4	13.47	22.0	28	-4.49	22.0	52	-8.00	20.0	76	-3.93	22.0
5	8.05	21.0	29	-2.68	23.0	53	0.0	21.0	77	-5.69	22.0
6	5.42	22.0	30	-5.63	22.0	54	-12.24	19.0	78	-3.80	22.0
7	6.93	22.0	31	-3.95	22.0	55	-13.08	21.0	79	3.90	22.0
8	4.7[illegible]	22.0	32	-4.85	22.0	56	-7.14	21.0	80	0.0	22.0
9	-8.[illegible]	23.0	33	-3.26	23.0	57	-3.33	21.0	81	2.71	22.0
10	0.0	23.0	34	-7.18	22.0	58	-2.11	21.0	82	0.0	22.0
11	0.0	23.0	35	-13.87	22.0	59	-4.00	21.0	83	0.0	22.0
12	8.51	23.0	36	-7.18	22.0	60	-2.19	22.0	84	-6.91	22.0
13	-3.77	23.0	37	-4.22	22.0	61	0.57	22.0	85	-1.47	22.0
14	-2.53	21.0	38	-1.54	22.0	62	0.08	22.0	86	-5.17	22.0
15	-8.23	21.0	39	-3.64	21.0	63	0.0	22.0	87	-6.56	22.0
16	1.01	22.0	40	-3.69	22.0	64	-2.70	22.0	88	-2.59	22.0
17	-3.30	22.0	41	-6.52	21.0	65	-1.68	22.0	89	-1.50	22.0
18	-8.77	22.0	42	-7.53	21.0	66	-4.12	22.0	90	-1.67	22.0
19	-8.39	22.0	43	-10.51	21.0	67	-1.70	22.0	91	0.46	22.0
20	-8.77	22.0	44	-5.17	21.0	68	-1.73	22.0	92	1.04	22.0
21	-10.20	21.0	45	-10.60	21.0	69	-1.98	22.0	93	0.93	22.0
22	-8.11	21.0	46	-7.75	22.0	70	0.0	22.0	94	3.21	22.0
23	-9.32	21.0	47	-10.07	22.0	71	-0.96	22.0	95	0.57	22.0

NARSSARSSUAQ TEC 71-74 SEASON: FALL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =14

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	55.67	1.0	60.61	12.0	-3.14	13.0	6.76	11.0
1	74.07	1.0	64.19	13.0	16.03	12.0	11.63	11.0
2	44.87	3.0	47.37	13.0	13.63	12.0	3.09	11.0
3	138.99	3.0	86.79	13.0	8.87	12.0	28.70	11.0
4	130.77	4.0	148.45	14.0	29.19	12.0	44.73	11.0
5	34.47	5.0	111.20	14.0	21.47	12.0	22.22	11.0
6	54.44	5.0	48.54	14.0	14.43	13.0	2.79	12.0
7	9.42	3.0	5.28	14.0	0.89	12.0	3.71	12.0
8	7.62	5.0	-10.38	14.0	5.14	12.0	5.42	12.0
9	8.30	5.0	-11.01	14.0	5.61	13.0	4.97	12.0
10	11.47	7.0	-13.01	14.0	7.03	13.0	7.11	12.0
11	20.39	8.0	-13.26	14.0	8.39	13.0	10.05	11.0
12	28.04	9.0	-13.67	14.0	11.85	13.0	2.91	12.0
13	27.44	9.0	-13.97	14.0	10.92	13.0	3.55	12.0
14	31.94	9.0	-15.07	14.0	7.04	12.0	7.05	12.0
15	26.32	9.0	-23.25	14.0	2.40	12.0	0.39	11.0
16	0.09	10.0	-21.58	14.0	0.61	12.0	-8.54	12.0
17	-4.34	10.0	-13.73	14.0	-4.78	12.0	-5.73	12.0
18	-5.30	11.0	-22.47	14.0	-15.17	12.0	-35.05	11.0
19	22.03	11.0	-30.08	12.0	-11.63	12.0	-30.06	11.0
20	27.55	11.0	-35.37	12.0	-0.14	11.0	-15.79	11.0
21	34.40	10.0	-12.10	12.0	3.84	11.0	0.41	10.0
22	70.91	11.0	-4.80	12.0	0.74	11.0	2.97	11.0
23	74.77	11.0	-9.79	12.0	3.09	11.0	7.09	11.0

NARSSARSSUAQ TEC 71-74 SEASON: FALL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	1.0	86.5	12.0	69.4	13.0	45.5	11.0
1	*****	1.0	89.7	13.0	69.3	12.0	49.9	11.0
2	39.4	3.0	44.7	13.0	63.5	12.0	54.5	11.0
3	157.0	3.0	69.7	13.0	52.5	12.0	85.9	11.0
4	165.2	4.0	128.8	14.0	101.1	12.0	110.3	11.0
5	148.4	5.0	103.1	14.0	115.0	12.0	71.0	11.0
6	62.6	5.0	83.2	14.0	90.5	12.0	19.7	12.0
7	13.9	5.0	35.9	14.0	27.4	12.0	12.3	12.0
8	15.1	5.0	24.9	14.0	37.7	12.0	19.7	12.0
9	9.9	5.0	17.5	14.0	38.3	13.0	25.5	12.0
10	14.3	7.0	17.1	14.0	30.4	13.0	28.7	12.0
11	15.5	8.0	15.4	14.0	29.7	13.0	28.3	11.0
12	20.7	9.0	19.3	14.0	35.4	13.0	35.1	12.0
13	24.4	9.0	20.9	14.0	32.3	13.0	37.8	12.0
14	30.7	9.0	19.6	14.0	24.6	12.0	39.1	12.0
15	28.4	9.0	14.0	14.0	19.2	12.0	19.5	11.0
16	29.3	10.0	20.3	14.0	13.5	12.0	30.1	12.0
17	35.7	10.0	34.3	14.0	22.2	12.0	32.1	12.0
18	42.1	11.0	37.6	14.0	23.2	12.0	35.0	11.0
19	54.5	11.0	30.8	12.0	37.2	12.0	35.4	11.0
20	42.4	11.0	19.7	12.0	36.9	11.0	37.0	11.0
21	67.6	10.0	54.5	12.0	52.1	11.0	50.0	10.0
22	63.9	11.0	48.7	12.0	27.0	11.0	47.3	11.0
23	54.5	11.0	47.9	12.0	26.0	11.0	41.8	11.0

NARSSARSSUAD TEC 71-74 SEASON: FALL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =14

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	17.56	14.0	24	-3.12	14.0	48	28.16	12.0	72	12.15	12.0
1	54.97	13.0	25	13.28	14.0	49	27.97	12.0	73	3.00	12.0
2	84.98	13.0	26	34.49	14.0	50	22.65	12.0	74	-4.98	12.0
3	67.14	12.0	27	4.66	14.0	51	10.86	12.0	75	-11.36	12.0
4	35.56	12.0	28	-4.76	14.0	52	-6.50	11.0	76	-10.00	12.0
5	15.75	12.0	29	-18.79	13.0	53	-7.25	11.0	77	-7.50	12.0
6	15.90	12.0	30	-10.55	13.0	54	4.37	10.0	78	3.47	12.0
7	42.48	12.0	31	1.17	13.0	55	-1.03	11.0	79	-1.60	10.0
8	40.33	12.0	32	-3.93	12.0	56	5.00	11.0	80	-14.84	11.0
9	27.54	12.0	33	-9.14	12.0	57	10.57	11.0	81	4.97	11.0
10	54.39	12.0	34	-13.56	12.0	58	12.44	11.0	82	17.39	11.0
11	69.52	12.0	35	-11.11	12.0	59	4.60	11.0	83	20.61	9.0
12	57.72	13.0	36	-4.70	13.0	60	1.33	11.0	84	5.05	11.0
13	39.09	12.0	37	-12.03	13.0	61	-2.15	11.0	85	3.04	11.0
14	27.14	14.0	38	-12.70	13.0	62	-11.34	11.0	86	3.71	11.0
15	25.77	14.0	39	-13.30	12.0	63	-15.31	11.0	87	-1.43	12.0
16	37.29	14.0	40	6.26	13.0	64	-5.08	12.0	88	-9.49	12.0
17	46.62	14.0	41	0.26	13.0	65	-0.27	12.0	89	-1.17	12.0
18	53.40	14.0	42	2.15	13.0	66	-1.76	12.0	90	-3.94	12.0
19	17.70	13.0	43	2.91	13.0	67	5.18	12.0	91	0.20	12.0
20	12.70	14.0	44	12.58	13.0	68	18.03	12.0	92	2.44	12.0
21	14.85	14.0	45	11.70	13.0	69	18.12	12.0	93	8.28	12.0
22	-0.52	14.0	46	7.04	13.0	70	10.20	12.0	94	17.42	12.0
23	-7.02	14.0	47	6.64	12.0	71	17.42	12.0	95	11.89	12.0

NARSSARSSUAD TEC 71-74 SEASON: FALL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	38.1	14.0	24	84.6	14.0	48	101.9	12.0	72	95.1	12.0
1	99.1	13.0	25	83.5	14.0	49	112.5	12.0	73	71.1	12.0
2	110.0	13.0	26	107.6	14.0	50	91.6	12.0	74	34.2	12.0
3	102.6	12.0	27	67.8	14.0	51	59.3	12.0	75	34.4	12.0
4	44.1	12.0	28	57.0	14.0	52	46.6	11.0	76	39.9	12.0
5	20.5	12.0	29	24.2	13.0	53	33.8	11.0	77	28.1	12.0
6	29.5	12.0	30	27.6	13.0	54	41.6	10.0	78	34.8	12.0
7	66.7	12.0	31	28.8	12.0	55	31.9	11.0	79	28.1	10.0
8	63.9	12.0	32	35.0	12.0	56	40.9	11.0	80	28.9	11.0
9	82.8	12.0	33	28.0	12.0	57	36.4	11.0	81	43.4	11.0
10	90.1	12.0	34	19.4	12.0	58	32.2	11.0	82	80.5	11.0
11	75.2	12.0	35	25.4	12.0	59	24.6	11.0	83	67.0	9.0
12	76.1	13.0	36	24.0	13.0	60	27.8	11.0	84	33.4	11.0
13	62.6	12.0	37	37.3	13.0	61	34.6	11.0	85	27.7	11.0
14	72.1	14.0	38	31.6	13.0	62	39.4	11.0	86	36.2	11.0
15	48.5	14.0	39	27.0	12.0	63	25.2	11.0	87	24.5	12.0
16	100.3	14.0	40	62.6	13.0	64	38.7	12.0	88	25.1	13.0
17	35.1	14.0	41	67.6	13.0	65	50.4	12.0	89	38.9	12.0
18	103.0	14.0	42	46.0	13.0	66	33.0	12.0	90	40.6	12.0
19	63.9	13.0	43	40.0	13.0	67	31.0	12.0	91	50.6	12.0
20	50.8	14.0	44	61.3	13.0	68	44.0	12.0	92	54.8	12.0
21	80.0	14.0	45	68.0	12.0	69	38.5	12.0	93	60.1	12.0
22	40.2	14.0	46	57.1	13.0	70	36.7	12.0	94	54.6	12.0
23	48.3	14.0	47	49.3	12.0	71	51.0	12.0	95	74.9	12.0

NARSSARSSUAQ TEC 71-74 SEASON: FALL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =14

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	66.07	1.0	42.95	12.0	-20.00	13.0	-6.06	11.0
1	74.07	1.0	62.11	13.0	-3.63	12.0	17.65	11.0
2	34.60	3.0	43.75	13.0	7.69	12.0	0.0	11.0
3	79.17	3.0	188.33	13.0	16.67	12.0	44.44	11.0
4	84.62	4.0	153.58	14.0	5.89	12.0	35.00	11.0
5	0.0	5.0	113.24	14.0	-10.53	12.0	6.25	11.0
6	73.33	5.0	18.55	14.0	-19.87	13.0	0.0	12.0
7	17.07	5.0	-5.92	14.0	-5.30	12.0	0.0	12.0
8	1.75	5.0	-16.57	14.0	-4.03	12.0	3.59	12.0
9	5.15	5.0	-13.22	14.0	-11.34	13.0	1.37	12.0
10	19.33	7.0	-17.11	14.0	-3.15	13.0	3.29	12.0
11	20.40	8.0	-13.55	14.0	3.91	13.0	11.65	11.0
12	26.09	9.0	-14.22	14.0	5.50	13.0	2.35	12.0
13	16.87	9.0	-13.87	14.0	2.02	13.0	5.59	12.0
14	24.09	9.0	-22.44	14.0	3.57	12.0	15.81	12.0
15	18.97	9.0	-27.56	14.0	2.20	12.0	6.49	11.0
16	-6.30	10.0	-22.00	14.0	3.58	12.0	-5.18	12.0
17	0.0	10.0	-23.53	14.0	-1.57	12.0	-10.14	12.0
18	-17.44	11.0	-37.26	14.0	-22.48	12.0	-45.24	11.0
19	0.0	11.0	-37.95	12.0	-30.11	12.0	-43.19	11.0
20	16.30	11.0	-32.61	12.0	-2.64	11.0	-10.91	11.0
21	76.76	10.0	-26.82	12.0	0.0	11.0	-7.97	10.0
22	57.50	11.0	-8.83	12.0	0.0	11.0	0.0	11.0
23	48.98	11.0	-25.94	12.0	0.0	11.0	0.0	11.0

NARSSARSSUAQ TEC 71-74 SEASON: FALL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	14.97	14.0	24	-26.68	14.0	48	-4.61	12.0	72	-7.13	12.0
1	20.53	13.0	25	-5.78	14.0	49	-1.19	12.0	73	-13.80	12.0
2	55.44	13.0	26	-7.28	14.0	50	-6.75	12.0	74	-10.06	12.0
3	19.19	12.0	27	-4.90	14.0	51	-13.28	12.0	75	-12.72	12.0
4	19.54	12.0	28	-15.95	14.0	52	-15.46	11.0	76	-16.57	12.0
5	10.76	12.0	29	-13.59	13.0	53	-2.76	11.0	77	-9.37	12.0
6	18.01	12.0	30	-5.77	13.0	54	0.0	10.0	78	-1.20	12.0
7	31.05	12.0	31	-0.65	12.0	55	-2.70	11.0	79	-8.41	12.0
8	31.27	13.0	32	-7.75	12.0	56	-1.57	11.0	80	-6.67	11.0
9	55.46	12.0	33	-14.42	12.0	57	0.0	11.0	81	14.56	11.0
10	47.01	12.0	34	-13.20	12.0	58	11.53	11.0	82	14.62	11.0
11	57.26	12.0	35	-15.57	12.0	59	2.86	11.0	83	16.34	9.0
12	10.35	13.0	36	-5.68	13.0	60	-5.38	11.0	84	14.78	11.0
13	0.95	12.0	37	-31.05	13.0	61	0.0	11.0	85	4.60	11.0
14	4.75	14.0	38	-31.70	13.0	62	-30.19	11.0	86	9.38	11.0
15	16.34	14.0	39	-12.85	12.0	63	-5.26	11.0	87	5.80	12.0
16	-2.86	14.0	40	-8.71	13.0	64	-0.49	12.0	88	-8.14	12.0
17	0.0	14.0	41	-10.47	13.0	65	-14.04	12.0	89	-1.85	12.0
18	8.34	14.0	42	-2.04	13.0	66	-4.18	12.0	90	-9.10	12.0
19	-3.70	13.0	43	-6.82	13.0	67	3.32	12.0	91	-11.03	12.0
20	-9.85	14.0	44	-6.25	13.0	68	10.05	12.0	92	-13.23	12.0
21	1.52	14.0	45	4.55	13.0	69	15.14	12.0	93	0.90	12.0
22	-16.14	13.0	46	-16.85	13.0	70	-1.15	12.0	94	-0.98	12.0
23	-20.91	14.0	47	-8.60	12.0	71	-2.45	12.0	95	-17.12	12.0

NARSSARSSUAO TEC 71-74 SEASON: WINTER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =18

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	97.88	3.0	68.25	18.0	13.44	17.0	3.27	16.0
1	36.02	1.0	94.55	18.0	26.40	17.0	8.71	16.0
2	105.96	4.0	94.13	18.0	35.36	17.0	19.38	16.0
3	107.66	4.0	116.55	18.0	25.05	16.0	14.42	16.0
4	85.39	5.0	117.33	18.0	23.56	17.0	23.04	15.0
5	78.46	6.0	124.11	18.0	36.64	17.0	33.17	15.0
6	93.07	6.0	108.07	18.0	34.19	17.0	23.59	15.0
7	45.07	6.0	40.25	18.0	23.65	17.0	17.16	15.0
8	7.05	7.0	3.63	18.0	5.82	17.0	8.43	15.0
9	4.85	7.0	-0.24	18.0	1.09	17.0	4.01	16.0
10	13.06	8.0	0.73	18.0	0.23	17.0	-0.07	16.0
11	15.37	10.0	-2.64	18.0	-0.55	17.0	-2.85	16.0
12	17.20	13.0	-1.39	18.0	-0.01	17.0	-3.20	16.0
13	15.47	14.0	4.40	18.0	3.20	17.0	-1.23	16.0
14	10.74	15.0	2.50	18.0	3.83	17.0	-4.42	16.0
15	6.58	15.0	-6.27	17.0	-2.40	17.0	-10.37	16.0
16	-7.69	17.0	-16.34	17.0	-11.85	16.0	-10.32	16.0
17	1.05	18.0	-61.74	16.0	-22.70	16.0	-5.30	16.0
18	37.97	17.0	2.66	18.0	-21.24	16.0	-3.47	16.0
19	108.36	17.0	25.39	18.0	2.58	16.0	-6.31	16.0
20	140.62	16.0	58.14	18.0	35.19	16.0	-10.05	16.0
21	141.60	17.0	61.87	17.0	41.35	15.0	-8.57	15.0
22	127.64	18.0	36.81	17.0	23.78	15.0	-9.45	15.0
23	73.98	18.0	23.54	17.0	8.44	15.0	-4.03	14.0

NARSSARSSUAO TEC 71-74 SEASON: WINTER

STANDARD DEVIATIONS OF DAILY VARIATIONS *

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	150.8	3.0	56.8	18.0	55.9	17.0	41.1	16.0
1	113.2	4.0	81.5	18.0	52.1	17.0	40.3	16.0
2	174.3	4.0	70.9	18.0	53.5	17.0	56.5	16.0
3	158.7	4.0	112.7	18.0	30.7	16.0	36.4	16.0
4	99.2	5.0	108.1	18.0	47.7	17.0	44.2	15.0
5	39.5	6.0	97.4	18.0	39.9	17.0	40.8	15.0
6	119.5	6.0	105.2	18.0	45.0	17.0	35.8	15.0
7	61.5	6.0	61.4	18.0	42.3	17.0	39.0	15.0
8	9.4	7.0	19.0	18.0	16.5	17.0	19.4	15.0
9	7.3	7.0	18.7	18.0	16.3	17.0	15.2	16.0
10	19.5	8.0	23.5	18.0	16.7	17.0	15.5	16.0
11	23.1	10.0	23.0	18.0	20.0	17.0	20.0	16.0
12	20.9	13.0	27.6	18.0	20.5	17.0	17.6	16.0
13	23.1	14.0	29.4	18.0	19.7	17.0	23.3	16.0
14	25.2	15.0	25.0	18.0	20.7	17.0	21.7	16.0
15	24.0	16.0	24.7	17.0	15.2	17.0	14.5	16.0
16	27.6	17.0	24.7	17.0	22.1	16.0	19.9	16.0
17	34.0	18.0	23.4	16.0	25.7	16.0	30.5	15.0
18	73.0	17.0	68.4	18.0	22.7	15.0	34.7	16.0
19	131.5	17.0	71.5	18.0	56.6	15.0	39.2	16.0
20	95.0	13.0	104.1	18.0	77.2	16.0	26.1	16.0
21	143.8	17.0	72.7	17.0	78.4	15.0	45.4	15.0
22	130.1	18.0	87.2	17.0	65.8	15.0	33.6	15.0
23	79.6	18.0	60.8	17.0	40.3	15.0	44.7	14.0

NARSSARSSUAD TEC 71-74 SEASON: WINTER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =18

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	7.85	16.0	24	26.57	18.0	48	6.25	17.0	72	6.99	15.0
1	10.31	16.0	25	37.75	18.0	49	7.78	17.0	73	3.06	16.0
2	37.17	17.0	26	29.31	18.0	50	17.45	17.0	74	-0.05	16.0
3	34.58	17.0	27	22.66	18.0	51	2.82	17.0	75	-0.44	16.0
4	34.37	17.0	28	19.25	18.0	52	-2.54	17.0	76	1.11	16.0
5	50.61	17.0	29	33.55	18.0	53	-3.00	17.0	77	-2.64	16.0
6	62.43	17.0	30	37.61	17.0	54	14.56	17.0	78	-2.19	15.0
7	99.28	17.0	31	42.50	18.0	55	26.20	17.0	79	3.52	15.0
8	118.70	17.0	32	35.61	17.0	56	9.45	17.0	80	-4.87	15.0
9	106.54	18.0	33	22.33	17.0	57	18.55	17.0	81	-11.33	16.0
10	115.71	18.0	34	20.62	17.0	58	18.91	17.0	82	-12.25	16.0
11	116.30	18.0	35	27.57	18.0	59	3.54	17.0	83	-5.78	15.0
12	94.77	18.0	36	11.89	16.0	60	10.48	17.0	84	-9.99	16.0
13	101.01	18.0	37	16.57	16.0	61	4.45	17.0	85	-4.11	16.0
14	73.05	18.0	38	27.46	17.0	62	21.86	16.0	86	-10.03	16.0
15	52.20	18.0	39	29.30	17.0	63	19.75	17.0	87	-5.47	16.0
16	50.59	18.0	40	29.45	17.0	64	46.45	17.0	88	-5.71	16.0
17	50.31	18.0	41	24.04	17.0	65	23.70	16.0	89	-0.15	15.0
18	54.94	18.0	42	34.63	17.0	66	11.73	17.0	90	2.69	16.0
19	36.39	18.0	43	39.98	17.0	67	3.73	16.0	91	-4.71	15.0
20	34.02	17.0	44	32.83	17.0	68	4.10	16.0	92	-1.40	16.0
21	27.05	18.0	45	10.30	17.0	69	5.90	15.0	93	3.07	16.0
22	16.94	18.0	46	-1.35	16.0	70	7.36	15.0	94	-0.45	15.0
23	15.51	18.0	47	6.41	17.0	71	3.93	15.0	95	0.36	16.0

NARSSARSSUAD TEC 71-74 SEASON: WINTER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	27.7	16.0	24	77.3	18.0	48	33.9	17.0	72	40.3	16.0
1	31.4	16.0	25	70.5	18.0	49	36.5	17.0	73	37.7	16.0
2	94.3	17.0	26	57.0	18.0	50	44.3	17.0	74	29.0	16.0
3	81.3	17.0	27	52.3	18.0	51	27.7	17.0	75	29.7	16.0
4	81.8	17.0	28	74.7	18.0	52	28.5	17.0	76	24.9	16.0
5	85.0	17.0	29	100.6	18.0	53	30.4	17.0	77	34.4	16.0
6	78.5	17.0	30	103.0	17.0	54	38.1	17.0	78	20.7	15.0
7	108.7	17.0	31	79.9	16.0	55	54.1	17.0	79	40.3	15.0
8	107.6	17.0	32	66.0	17.0	56	46.8	17.0	80	28.2	15.0
9	132.4	18.0	33	45.0	17.0	57	46.4	17.0	81	26.5	16.0
10	112.5	18.0	34	44.6	17.0	58	64.9	17.0	82	27.9	16.0
11	168.5	18.0	35	45.5	16.0	59	45.0	17.0	83	30.6	15.0
12	149.7	18.0	36	37.4	16.0	60	57.1	17.0	84	39.0	15.0
13	124.0	18.0	37	43.8	16.0	61	42.1	17.0	85	28.3	16.0
14	97.0	18.0	38	51.5	17.0	62	49.7	16.0	86	38.7	16.0
15	77.7	18.0	39	74.1	17.0	63	38.6	17.0	87	20.3	16.0
16	83.1	18.0	40	60.5	17.0	64	79.7	17.0	88	25.7	16.0
17	50.6	18.0	41	50.9	17.0	65	55.8	16.0	89	33.0	16.0
18	49.5	18.0	42	57.6	17.0	66	28.8	17.0	90	45.4	16.0
19	48.1	18.0	43	68.2	17.0	67	19.4	16.0	91	35.6	15.0
20	55.0	17.0	44	83.0	17.0	68	26.1	16.0	92	31.0	16.0
21	55.0	18.0	45	40.3	17.0	69	24.6	15.0	93	40.8	16.0
22	53.4	18.0	46	24.1	16.0	70	20.5	15.0	94	30.5	15.0
23	49.9	18.0	47	40.5	17.0	71	35.0	15.0	95	37.1	16.0

NARSSARSSUAQ TEC 71-74 SEASON: WINTER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =18

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	33.35	4.0	51.34	18.0	16.28	17.0	2.50	16.0
1	-13.99	4.0	85.27	18.0	0.0	17.0	-2.37	16.0
2	40.17	4.0	50.86	18.0	16.00	17.0	0.0	16.0
3	64.36	4.0	93.00	18.0	22.50	16.0	3.63	16.0
4	118.75	6.0	89.63	18.0	15.00	17.0	40.00	16.0
5	61.46	6.0	100.00	18.0	33.33	17.0	33.33	16.0
6	52.31	6.0	85.00	18.0	30.00	17.0	23.53	16.0
7	21.43	6.0	33.33	18.0	23.81	17.0	6.25	16.0
8	4.56	7.0	1.25	18.0	0.00	17.0	8.11	15.0
9	3.08	7.0	0.0	18.0	1.56	17.0	3.85	15.0
10	0.34	8.0	-3.06	18.0	-1.56	17.0	-2.33	16.0
11	17.21	10.0	-8.60	18.0	-8.89	17.0	-7.04	16.0
12	16.67	13.0	-2.44	18.0	-5.81	17.0	-2.19	16.0
13	9.60	14.0	-1.69	18.0	3.95	17.0	-6.12	16.0
14	12.37	15.0	1.70	18.0	2.72	17.0	-8.06	16.0
15	1.80	16.0	-7.45	17.0	-2.58	17.0	-8.11	15.0
16	-0.67	17.0	-13.54	17.0	-7.35	16.0	-11.93	16.0
17	-7.29	18.0	-31.18	16.0	-33.80	16.0	-3.87	16.0
18	14.81	17.0	-19.57	18.0	-18.18	15.0	-13.81	16.0
19	61.54	17.0	23.61	18.0	-13.04	15.0	-8.70	16.0
20	121.81	18.0	19.58	18.0	15.00	15.0	-17.24	16.0
21	111.54	17.0	42.31	17.0	25.00	15.0	-18.37	16.0
22	92.78	18.0	30.26	17.0	13.33	15.0	0.0	15.0
23	51.80	18.0	21.21	17.0	0.0	15.0	-6.67	14.0

NARSSARSSUAQ TEC 71-74 SEASON: WINTER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	2.87	16.0	24	5.28	18.0	48	-7.14	17.0	72	-3.35	16.0
1	5.36	16.0	25	3.97	18.0	49	0.0	17.0	73	-5.96	16.0
2	8.73	17.0	26	11.68	18.0	50	1.82	17.0	74	-7.32	16.0
3	14.61	17.0	27	0.0	18.0	51	-5.43	17.0	75	-8.17	16.0
4	9.76	17.0	28	0.0	18.0	52	0.0	17.0	76	-1.95	16.0
5	26.53	17.0	29	-5.45	18.0	53	0.0	17.0	77	-2.39	16.0
6	38.03	17.0	30	-2.44	17.0	54	3.70	17.0	78	-3.33	15.0
7	68.57	17.0	31	36.47	16.0	55	4.65	17.0	79	-7.07	15.0
8	145.34	17.0	32	11.63	17.0	56	0.0	17.0	80	-4.17	15.0
9	83.71	18.0	33	0.0	17.0	57	0.0	17.0	81	-15.19	16.0
10	85.61	18.0	34	20.00	17.0	58	-10.81	17.0	82	-15.76	16.0
11	66.05	18.0	35	11.82	16.0	59	-10.00	17.0	83	-19.00	15.0
12	57.16	18.0	36	22.45	16.0	60	5.25	17.0	84	-15.00	15.0
13	54.15	18.0	37	1.70	16.0	61	2.70	17.0	85	-7.31	16.0
14	56.59	18.0	38	12.50	17.0	62	12.54	16.0	86	-9.14	15.0
15	38.10	18.0	39	12.50	17.0	63	15.29	17.0	87	-11.25	16.0
16	39.23	18.0	40	15.00	17.0	64	21.43	17.0	88	-7.14	15.0
17	33.60	18.0	41	21.54	17.0	65	20.59	16.0	89	-0.91	16.0
18	43.73	18.0	42	22.73	17.0	66	13.07	17.0	90	0.0	15.0
19	26.14	18.0	43	19.83	17.0	67	0.0	16.0	91	-3.03	16.0
20	14.66	17.0	44	10.93	17.0	68	-2.63	16.0	92	-5.76	16.0
21	0.0	18.0	45	0.0	17.0	69	0.0	15.0	93	-1.04	16.0
22	0.32	18.0	46	-0.42	16.0	70	7.74	16.0	94	-2.19	15.0
23	0.37	18.0	47	0.0	17.0	71	-1.50	15.0	95	0.54	16.0

NARSSARSSUAQ TEC 71-74 SEASON: SPRING

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =14

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	5.71	4.0	20.48	13.0	2.65	12.0	-2.73	10.0
1	30.61	4.0	11.70	13.0	14.52	12.0	3.05	10.0
2	33.51	5.0	18.36	14.0	6.10	12.0	10.23	10.0
3	30.71	5.0	19.74	14.0	4.72	12.0	5.31	10.0
4	68.20	5.0	28.31	14.0	11.56	12.0	12.19	10.0
5	20.04	5.0	14.17	14.0	7.75	12.0	1.63	11.0
6	18.86	5.0	0.60	14.0	4.83	12.0	-9.30	11.0
7	19.44	5.0	-5.30	14.0	7.01	12.0	0.79	11.0
8	-0.37	5.0	-10.85	14.0	7.95	12.0	-1.69	12.0
9	13.24	9.0	-3.79	14.0	5.33	12.0	-0.79	12.0
10	14.48	11.0	-6.11	14.0	5.60	12.0	0.70	12.0
11	15.96	11.0	-9.35	14.0	-3.40	12.0	-3.05	12.0
12	15.86	10.0	-7.11	14.0	-0.65	12.0	-4.01	12.0
13	18.94	10.0	-1.90	14.0	-5.76	12.0	-3.41	12.0
14	30.19	11.0	-5.37	14.0	-5.83	12.0	-1.22	12.0
15	35.10	11.0	-9.42	14.0	-4.09	12.0	-1.76	13.0
16	6.32	10.0	-15.56	14.0	-5.01	11.0	1.19	13.0
17	-7.17	10.0	-15.75	13.0	-2.50	10.0	4.10	13.0
18	-7.30	11.0	-12.08	13.0	4.51	11.0	-4.02	13.0
19	2.33	11.0	-12.05	13.0	7.84	12.0	3.91	13.0
20	0.81	11.0	-6.70	13.0	5.78	11.0	3.69	13.0
21	20.19	11.0	-10.69	13.0	0.98	11.0	-5.06	13.0
22	17.97	10.0	-9.03	13.0	1.18	10.0	-0.09	13.0
23	19.92	11.0	-1.70	13.0	-3.98	10.0	-9.45	12.0

NARSSARSSUAQ TEC 71-74 SEASON: SPRING

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	39.7	4.0	43.5	13.0	33.5	12.0	22.3	10.0
1	81.9	4.0	39.2	13.0	54.4	12.0	33.0	10.0
2	44.7	5.0	31.5	14.0	49.4	12.0	43.0	10.0
3	47.4	5.0	46.0	14.0	50.9	12.0	33.5	10.0
4	55.9	5.0	50.5	14.0	45.9	12.0	48.2	10.0
5	44.3	5.0	63.0	14.0	44.6	12.0	35.8	11.0
6	33.4	5.0	25.5	14.0	38.9	12.0	23.1	11.0
7	25.2	5.0	13.7	14.0	30.5	12.0	18.4	11.0
8	13.1	5.0	14.5	14.0	45.3	12.0	18.5	12.0
9	25.4	9.0	14.0	14.0	38.2	12.0	17.7	12.0
10	23.9	11.0	13.0	14.0	30.2	12.0	16.3	12.0
11	25.1	11.0	11.3	14.0	20.4	12.0	12.5	12.0
12	23.9	12.0	24.0	14.0	26.0	12.0	15.5	12.0
13	33.1	12.0	20.0	14.0	24.8	12.0	15.4	12.0
14	47.0	11.0	22.4	14.0	19.1	12.0	20.0	12.0
15	43.4	11.0	20.5	14.0	20.7	12.0	23.7	13.0
16	27.8	12.0	22.4	14.0	13.5	11.0	24.3	13.0
17	33.7	12.0	32.2	13.0	25.7	10.0	20.5	13.0
18	26.5	11.0	40.5	12.0	35.7	11.0	25.9	13.0
19	31.0	11.0	43.8	13.0	41.6	12.0	37.4	13.0
20	33.5	11.0	44.2	13.0	41.1	11.0	38.5	13.0
21	36.5	11.0	29.9	13.0	37.0	11.0	34.5	13.0
22	32.0	12.0	25.0	13.0	30.7	10.0	39.9	13.0
23	44.9	11.0	34.5	13.0	15.1	10.0	35.3	12.0

NARSSARSSUAO TEC 71-74 SEASON: SPRING

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =14

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	15.58	13.0	34	3.55	14.0	48	-2.05	12.0	72	-3.55	11.0
1	17.52	13.0	35	7.26	14.0	49	-14.10	12.0	73	3.03	10.0
2	31.99	12.0	36	15.05	14.0	50	-15.04	12.0	74	3.12	9.0
3	25.16	12.0	37	4.55	14.0	51	-10.00	12.0	75	5.47	11.0
4	43.42	12.0	38	0.16	14.0	52	-0.15	12.0	76	2.76	11.0
5	23.62	12.0	39	1.53	14.0	53	8.34	12.0	77	6.52	11.0
6	6.05	12.0	40	-3.34	14.0	54	-3.15	12.0	78	1.28	11.0
7	0.79	12.0	41	-16.91	13.0	55	11.17	11.0	79	-1.10	12.0
8	5.91	13.0	42	-15.10	13.0	56	-3.11	11.0	80	3.87	12.0
9	2.18	12.0	43	-18.87	12.0	57	-5.00	11.0	81	-1.73	12.0
10	11.41	12.0	44	-10.44	13.0	58	-11.52	12.0	82	-3.83	12.0
11	32.80	12.0	45	-4.03	13.0	59	-15.98	12.0	83	-3.30	12.0
12	31.20	12.0	46	-4.75	13.0	60	-12.32	11.0	84	-2.04	12.0
13	31.45	12.0	47	0.45	13.0	61	-11.00	11.0	85	-5.60	12.0
14	17.29	13.0	48	9.33	13.0	62	-4.88	11.0	86	-5.77	12.0
15	10.41	13.0	49	10.87	13.0	63	-5.90	12.0	87	-4.69	13.0
16	11.30	14.0	40	10.57	13.0	64	7.08	12.0	88	3.24	12.0
17	0.31	14.0	41	6.44	12.0	65	10.44	12.0	89	0.42	12.0
18	4.73	14.0	42	4.25	13.0	66	8.12	12.0	90	-0.60	12.0
19	3.10	14.0	43	-7.67	13.0	67	6.07	10.0	91	-5.30	12.0
20	17.92	14.0	44	1.80	13.0	68	13.86	10.0	92	-9.18	12.0
21	7.23	14.0	45	3.95	13.0	69	1.98	12.0	93	-5.44	12.0
22	7.73	14.0	46	7.08	13.0	70	-4.54	12.0	94	-10.14	12.0
23	-1.76	14.0	47	3.16	13.0	71	-9.47	11.0	95	-5.49	13.0

NARSSARSSUAO TEC 71-74 SEASON: SPRING

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	34.9	13.0	34	35.2	14.0	48	26.2	12.0	72	12.9	11.0
1	40.4	13.0	35	37.6	14.0	49	28.0	12.0	73	34.4	10.0
2	54.3	12.0	36	41.4	14.0	50	32.8	12.0	74	27.1	9.0
3	33.0	12.0	37	30.6	14.0	51	21.6	12.0	75	41.0	11.0
4	62.4	12.0	38	33.6	14.0	52	25.7	12.0	76	17.7	11.0
5	54.4	12.0	39	29.4	14.0	53	24.9	12.0	77	36.3	11.0
6	41.8	10.0	40	35.1	14.0	54	23.0	12.0	78	23.7	11.0
7	37.1	12.0	41	24.5	13.0	55	34.4	11.0	79	18.3	12.0
8	35.9	13.0	42	25.0	13.0	56	29.0	11.0	80	20.0	12.0
9	27.9	13.0	43	29.8	12.0	57	31.9	11.0	81	19.5	12.0
10	32.1	12.0	34	25.7	13.0	58	34.1	12.0	82	19.1	12.0
11	47.1	12.0	35	17.0	13.0	59	29.8	12.0	83	23.3	12.0
12	51.0	12.0	36	20.4	13.0	60	36.2	11.0	84	26.8	12.0
13	45.7	12.0	37	20.1	13.0	61	32.2	11.0	85	24.5	12.0
14	38.2	13.0	38	26.0	13.0	62	33.4	11.0	86	23.8	12.0
15	43.7	13.0	39	48.3	13.0	63	35.7	12.0	87	31.8	13.0
16	38.7	14.0	40	38.8	13.0	64	33.5	12.0	88	29.9	12.0
17	25.4	14.0	41	52.4	12.0	65	51.2	12.0	89	34.1	12.0
18	38.4	14.0	42	62.1	13.0	66	45.0	12.0	90	40.5	12.0
19	53.3	14.0	43	39.5	13.0	67	33.2	12.0	91	34.2	12.0
20	59.1	14.0	44	31.4	13.0	68	41.0	12.0	92	23.0	12.0
21	32.4	14.0	45	40.7	13.0	69	37.0	12.0	93	28.1	12.0
22	27.3	14.0	46	46.1	13.0	70	51.2	12.0	94	32.1	12.0
23	23.1	14.0	47	38.3	13.0	71	21.5	11.0	95	37.9	13.0

NARSSARSSUAO TEC 71-74 SEASON: SPRING

MEDIAN DAILY VARIATIONS ****** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =14

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-15.71	4.0	2.27	13.0	-5.18	12.0	-0.48	10.0
1	1.47	4.0	3.70	13.0	5.76	12.0	0.12	10.0
2	11.43	5.0	15.62	14.0	-2.01	12.0	4.71	10.0
3	91.19	6.0	13.66	14.0	-12.33	12.0	5.52	10.0
4	70.37	5.0	16.67	14.0	6.52	12.0	17.39	10.0
5	40.00	5.0	4.00	14.0	4.79	12.0	-5.88	11.0
6	4.49	5.0	-8.86	14.0	3.23	12.0	-11.79	11.0
7	30.23	5.0	-3.49	14.0	-4.75	12.0	-4.55	11.0
8	-1.62	6.0	-10.67	14.0	-1.53	12.0	1.43	12.0
9	-0.90	9.0	-9.33	14.0	-0.72	12.0	-4.49	12.0
10	2.27	11.0	-7.92	14.0	-2.27	12.0	-0.83	12.0
11	13.48	11.0	-12.74	14.0	-5.87	12.0	-5.50	12.0
12	12.03	12.0	-8.06	14.0	0.0	12.0	-3.84	12.0
13	1.22	12.0	-13.88	14.0	-4.76	12.0	-0.46	12.0
14	3.88	11.0	-6.61	14.0	-6.28	12.0	-2.29	12.0
15	11.32	11.0	-12.84	14.0	-2.21	12.0	-9.72	13.0
16	-2.00	12.0	-20.99	14.0	-5.00	11.0	0.0	13.0
17	-7.83	12.0	-16.81	13.0	-3.30	10.0	3.70	13.0
18	-14.56	11.0	-23.43	12.0	-3.29	11.0	0.0	13.0
19	-1.74	11.0	-14.78	13.0	-0.97	12.0	-4.36	13.0
20	-3.44	11.0	-21.67	13.0	0.0	11.0	-2.60	13.0
21	7.32	11.0	-19.15	13.0	0.0	11.0	-4.26	13.0
22	41.52	10.0	2.33	13.0	-2.13	10.0	-5.80	13.0
23	3.55	11.0	0.0	13.0	0.0	10.0	-5.40	12.0

NARSSARSSUAO TEC 71-74 SEASON: SPRING

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	2.79	13.0	24	-5.85	14.0	48	-6.87	12.0	72	-1.74	11.0
1	0.0	13.0	25	1.29	14.0	49	-12.79	12.0	73	-6.64	12.0
2	10.30	12.0	26	2.99	14.0	50	-15.22	12.0	74	-6.74	9.0
3	11.48	12.0	27	3.94	14.0	51	-2.94	12.0	75	-9.72	11.0
4	27.48	12.0	28	-1.70	14.0	52	-3.01	12.0	76	0.0	11.0
5	0.0	12.0	29	0.23	14.0	53	11.38	12.0	77	-8.00	11.0
6	-5.29	12.0	30	-6.20	14.0	54	5.57	12.0	78	-6.98	11.0
7	-3.62	12.0	31	-22.11	13.0	55	0.57	11.0	79	1.69	12.0
8	-15.93	13.0	32	-17.14	13.0	56	-4.55	11.0	80	8.99	12.0
9	3.34	12.0	33	-16.04	13.0	57	-5.00	11.0	81	0.50	12.0
10	1.25	12.0	34	-1.41	13.0	58	-4.17	12.0	82	-6.41	12.0
11	23.94	13.0	35	-4.00	13.0	59	-1.47	12.0	83	-1.76	12.0
12	17.17	12.0	36	0.0	13.0	60	0.0	11.0	84	-1.35	12.0
13	34.91	12.0	37	0.0	13.0	61	-4.26	11.0	85	-1.32	12.0
14	6.15	13.0	38	-1.27	13.0	62	0.0	11.0	86	1.92	12.0
15	3.49	13.0	39	-8.33	12.0	63	-9.58	12.0	87	-2.65	13.0
16	0.89	14.0	40	0.0	13.0	64	6.18	12.0	88	0.0	12.0
17	0.0	14.0	41	-15.74	13.0	65	-1.43	12.0	89	1.58	12.0
18	-4.38	14.0	42	-10.29	13.0	66	-1.37	12.0	90	0.0	12.0
19	-6.00	14.0	43	-12.00	13.0	67	-7.30	12.0	91	-1.84	12.0
20	4.94	14.0	44	-8.45	13.0	68	-4.21	12.0	92	-3.96	12.0
21	-1.67	14.0	45	-14.00	13.0	69	-3.50	12.0	93	3.67	12.0
22	0.0	14.0	46	-5.56	13.0	70	-5.16	12.0	94	0.0	12.0
23	0.0	14.0	47	-4.66	12.0	71	-9.49	11.0	95	-1.43	13.0

NARSSARSSUAQ TEC 71-74 SEASON: EQUINOCTAL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =28

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	17.90	5.0	30.74	28.0	-0.36	28.0	2.24	21.0
1	43.71	5.0	37.94	28.0	15.23	24.0	7.10	21.0
2	17.77	8.0	30.17	27.0	12.87	24.0	6.49	21.0
3	100.53	8.0	51.02	27.0	5.59	24.0	18.04	21.0
4	96.01	9.0	97.38	28.0	20.37	24.0	23.23	21.0
5	51.73	10.0	69.68	28.0	14.61	24.0	11.92	22.0
6	30.65	10.0	24.57	28.0	9.82	25.0	-3.49	23.0
7	14.69	10.0	0.14	28.0	4.42	24.0	2.12	23.0
8	3.67	10.0	-10.47	28.0	6.55	24.0	1.86	24.0
9	10.83	14.0	-3.90	28.0	5.36	25.0	2.09	24.0
10	13.31	18.0	-3.66	28.0	6.73	25.0	3.92	24.0
11	14.07	19.0	-11.11	28.0	2.04	25.0	3.22	23.0
12	20.31	21.0	-7.80	28.0	5.85	25.0	-0.35	24.0
13	20.58	21.0	-9.80	28.0	2.91	25.0	0.12	24.0
14	30.94	20.0	-12.00	28.0	0.21	24.0	2.31	24.0
15	31.16	20.0	-15.74	28.0	-0.35	24.0	-0.77	24.0
16	7.44	23.0	-14.47	28.0	-0.09	23.0	-3.48	25.0
17	-5.83	22.0	-17.82	27.0	-3.74	22.0	-0.61	25.0
18	-6.30	22.0	-17.67	26.0	-4.80	23.0	-18.24	24.0
19	11.61	22.0	-20.71	26.0	-1.88	24.0	-11.71	24.0
20	10.18	20.0	-20.25	25.0	1.70	22.0	-5.70	24.0
21	36.48	21.0	-11.37	25.0	2.41	22.0	-2.68	23.0
22	59.60	23.0	-7.00	25.0	0.05	21.0	1.31	24.0
23	47.34	22.0	-5.37	25.0	-0.28	21.0	-1.02	23.0

NARSSARSSUAQ TEC 71-74 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	43.1	5.0	53.2	28.0	54.1	25.0	36.8	21.0
1	74.6	5.0	53.0	28.0	50.9	24.0	42.5	21.0
2	42.8	8.0	40.5	27.0	50.4	24.0	40.3	21.0
3	110.5	8.0	46.7	27.0	55.7	24.0	56.1	21.0
4	124.8	9.0	115.4	28.0	87.9	24.0	86.7	21.0
5	112.3	10.0	97.4	28.0	85.6	24.0	85.2	22.0
6	54.9	10.0	46.1	28.0	69.5	25.0	21.8	23.0
7	21.0	10.0	27.2	28.0	31.4	24.0	15.2	23.0
8	14.7	10.0	30.0	28.0	40.8	24.0	19.1	24.0
9	22.9	14.0	15.6	28.0	34.9	25.0	21.7	24.0
10	24.0	18.0	17.7	28.0	31.5	25.0	23.0	24.0
11	21.9	19.0	13.3	28.0	25.3	25.0	22.0	23.0
12	26.2	21.0	21.8	28.0	32.0	25.0	26.9	24.0
13	33.6	21.0	26.7	28.0	30.5	25.0	28.5	24.0
14	39.7	20.0	31.4	28.0	23.7	24.0	30.7	24.0
15	40.4	20.0	15.6	28.0	10.9	24.0	21.0	24.0
16	28.7	23.0	31.2	28.0	16.2	23.0	37.1	25.0
17	34.5	22.0	35.5	27.0	24.0	22.0	26.6	25.0
18	34.3	22.0	38.5	26.0	37.1	23.0	34.1	24.0
19	44.6	22.0	36.5	25.0	30.9	24.0	40.8	24.0
20	30.1	20.0	37.1	25.0	38.3	22.0	39.5	24.0
21	67.1	21.0	48.5	25.0	44.7	22.0	40.5	23.0
22	52.6	23.0	37.8	25.0	28.7	21.0	40.7	24.0
23	56.2	22.0	46.4	25.0	21.9	21.0	33.0	23.0

NARSSARSSUAO TEC 71-74 SEASON: EQUINOCTAL

AVERAGE DST VARIATIONS **** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =28

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	15.61	27.0	24	0.26	28.0	48	13.05	24.0	72	4.59	23.0
1	37.30	26.0	25	10.27	28.0	49	6.93	24.0	73	3.49	22.0
2	59.51	26.0	26	19.73	28.0	50	3.80	24.0	74	-1.51	21.0
3	46.15	24.0	27	4.62	28.0	51	0.44	24.0	75	-3.31	23.0
4	32.93	24.0	28	-0.29	28.0	52	-3.23	23.0	76	-4.37	23.0
5	19.48	24.0	29	-8.20	27.0	53	0.88	23.0	77	-0.86	23.0
6	11.04	24.0	30	-6.81	27.0	54	0.27	22.0	78	2.40	23.0
7	21.54	24.0	31	-8.23	25.0	55	5.07	22.0	79	-1.33	22.0
8	20.90	25.0	32	-11.31	25.0	56	1.44	22.0	80	-5.08	27.0
9	32.86	24.0	33	-13.04	24.0	57	2.75	22.0	81	1.47	23.0
10	32.00	24.0	34	-10.09	25.0	58	-0.05	23.0	82	6.33	27.0
11	46.67	24.0	35	-7.43	25.0	59	-5.55	23.0	83	10.33	21.0
12	41.39	25.0	36	-5.55	25.0	60	-3.50	22.0	84	1.55	27.0
13	33.38	24.0	37	-4.78	26.0	61	-7.03	22.0	85	-1.47	27.0
14	22.40	27.0	38	-1.66	26.0	62	-8.11	22.0	86	-1.23	23.0
15	21.25	27.0	39	-0.69	25.0	63	-10.26	23.0	87	-3.07	25.0
16	24.30	28.0	40	5.51	25.0	64	0.50	24.0	88	-3.13	24.0
17	23.47	28.0	41	3.23	28.0	65	5.08	24.0	89	-0.38	24.0
18	38.50	28.0	42	3.41	24.0	66	7.38	24.0	90	-0.22	24.0
19	10.14	27.0	43	-0.38	26.0	67	7.60	24.0	91	-0.55	24.0
20	15.31	28.0	44	7.10	28.0	68	15.55	24.0	92	-3.37	24.0
21	11.04	28.0	45	7.83	28.0	69	10.66	24.0	93	1.32	24.0
22	1.61	28.0	46	7.45	26.0	70	2.87	24.0	94	3.64	24.0
23	-5.19	28.0	47	4.90	24.0	71	4.56	23.0	95	2.85	25.0

NARSSARSSUAO TEC 71-74 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	35.3	27.0	24	45.2	28.0	48	76.4	24.0	72	69.0	23.0
1	75.2	26.0	25	51.4	28.0	49	83.0	24.0	73	56.7	22.0
2	91.4	26.0	26	60.1	28.0	50	69.9	24.0	74	31.5	21.0
3	79.8	24.0	27	51.7	28.0	51	44.4	24.0	75	37.8	23.0
4	52.9	24.0	28	48.1	28.0	52	36.4	23.0	76	31.4	23.0
5	41.7	24.0	29	58.4	27.0	53	30.5	23.0	77	33.4	23.0
6	33.8	24.0	30	51.3	27.0	54	34.1	22.0	78	30.1	23.0
7	55.7	24.0	31	37.5	25.0	55	33.0	22.0	79	23.5	22.0
8	53.4	25.0	32	29.5	25.0	56	36.0	22.0	80	25.9	23.0
9	67.3	24.0	33	27.4	24.0	57	34.3	22.0	81	32.5	23.0
10	63.5	24.0	34	20.5	25.0	58	34.7	23.0	82	37.0	23.0
11	62.9	24.0	35	21.3	25.0	59	34.0	23.0	83	50.8	21.0
12	64.7	25.0	36	27.0	25.0	60	31.4	22.0	84	29.7	23.0
13	55.3	24.0	37	28.4	25.0	61	34.8	22.0	85	29.9	23.0
14	57.4	27.0	38	30.7	26.0	62	31.8	22.0	86	30.0	23.0
15	44.6	27.0	39	40.7	25.0	63	25.8	17.0	87	28.0	25.0
16	75.8	28.0	40	51.4	25.0	64	37.6	24.0	88	27.7	24.0
17	72.3	28.0	41	57.3	25.0	65	55.0	24.0	89	35.8	24.0
18	51.0	28.0	42	48.1	25.0	66	36.5	24.0	90	40.7	24.0
19	58.3	27.0	43	43.7	25.0	67	34.8	24.0	91	42.3	24.0
20	55.1	28.0	44	40.1	26.0	68	41.7	24.0	92	43.4	24.0
21	43.7	28.0	45	55.0	28.0	69	31.0	24.0	93	46.4	24.0
22	34.6	28.0	46	56.4	26.0	70	30.4	24.0	94	51.9	24.0
23	37.5	28.0	47	43.5	24.0	71	47.5	23.0	95	58.0	25.0

NARSSARSSUAO TEC 71-74 SEASON: EQUINOCTAL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =28

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-11.43	5.0	19.18	25.0	-7.69	25.0	-6.06	21.0
1	8.82	5.0	39.15	26.0	3.31	24.0	2.94	21.0
2	22.86	9.0	31.43	27.0	0.85	24.0	3.70	21.0
3	85.17	8.0	27.27	27.0	3.27	24.0	8.00	21.0
4	70.37	6.0	51.01	28.0	5.99	24.0	25.00	21.0
5	24.00	10.0	31.02	28.0	0.0	24.0	0.18	23.0
6	35.56	10.0	1.35	28.0	-3.25	25.0	0.0	23.0
7	18.29	10.0	-8.18	28.0	-4.71	24.0	0.0	23.0
8	0.12	10.0	-16.75	28.0	-5.34	24.0	1.43	24.0
9	1.33	14.0	-11.41	28.0	-10.30	25.0	-1.92	24.0
10	2.37	18.0	-13.90	28.0	-3.16	25.0	-0.49	24.0
11	18.92	19.0	-12.74	28.0	-2.47	25.0	0.0	23.0
12	19.39	21.0	-11.51	28.0	0.0	25.0	-2.43	24.0
13	15.82	21.0	-15.05	28.0	0.0	25.0	0.42	24.0
14	20.74	20.0	-15.88	28.0	-3.31	24.0	0.41	24.0
15	15.23	20.0	-22.23	28.0	0.44	24.0	-1.32	24.0
16	-3.46	22.0	-20.99	28.0	0.85	23.0	-0.93	25.0
17	-3.02	22.0	-18.81	27.0	-1.57	22.0	-8.00	25.0
18	-15.50	22.0	-34.03	24.0	-5.74	23.0	-11.52	24.0
19	0.0	22.0	-27.27	25.0	-4.08	24.0	-15.44	24.0
20	6.72	22.0	-28.00	25.0	-1.02	22.0	-5.77	24.0
21	15.02	21.0	-20.00	25.0	0.0	22.0	-5.85	23.0
22	32.55	23.0	0.0	25.0	0.0	21.0	-2.90	24.0
23	40.00	22.0	-17.95	25.0	0.0	21.0	-2.63	23.0

NARSSARSSUAO TEC 71-74 SEASON: EQUINOCTAL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	7.55	27.0	24	-8.16	28.0	48	-4.51	24.0	72	-1.74	23.0
1	18.89	26.0	25	-4.14	28.0	49	-6.46	24.0	73	-11.76	22.0
2	37.20	25.0	26	0.0	28.0	50	-5.58	24.0	74	-8.00	21.0
3	16.47	24.0	27	0.0	28.0	51	-7.40	24.0	75	-10.78	23.0
4	24.84	24.0	28	-10.72	28.0	52	-7.89	23.0	76	-3.70	23.0
5	13.15	24.0	29	-8.05	27.0	53	-1.04	23.0	77	-8.00	23.0
6	9.81	24.0	30	-7.41	27.0	54	3.34	22.0	78	-4.08	23.0
7	1.00	24.0	31	-3.70	26.0	55	1.33	22.0	79	-3.41	22.0
8	6.71	25.0	32	-15.63	25.0	56	-2.55	22.0	80	0.83	22.0
9	9.71	24.0	33	-14.40	24.0	57	-5.39	22.0	81	8.82	23.0
10	4.54	24.0	34	-10.23	25.0	58	0.0	23.0	82	1.14	23.0
11	23.84	24.0	35	-4.43	25.0	59	0.0	23.0	83	3.47	21.0
12	18.32	25.0	36	-6.13	26.0	60	-3.53	22.0	84	0.0	23.0
13	20.35	24.0	37	-6.95	26.0	61	-5.13	22.0	85	1.52	23.0
14	5.00	27.0	38	-6.63	26.0	62	-7.85	22.0	86	4.50	23.0
15	15.00	27.0	39	-11.34	26.0	63	-6.67	23.0	87	-1.67	25.0
16	-0.74	28.0	40	-0.83	26.0	64	0.0	24.0	88	-0.93	24.0
17	0.0	28.0	41	-10.33	25.0	65	-3.00	24.0	89	-0.63	24.0
18	-0.37	28.0	42	-8.04	26.0	66	-4.18	24.0	90	-7.13	24.0
19	-3.70	27.0	43	-10.00	26.0	67	3.72	24.0	91	-4.51	24.0
20	2.50	28.0	44	-7.21	26.0	68	5.25	24.0	92	-7.80	24.0
21	0.0	23.0	45	-2.39	26.0	69	3.12	24.0	93	1.00	24.0
22	-7.14	28.0	46	-5.97	26.0	70	-3.19	24.0	94	0.0	24.0
23	-11.81	28.0	47	-5.40	24.0	71	-3.66	23.0	95	-15.73	25.0

TABLE 2A

Tabulated Values For Average and Median Storm Patterns

GOOSE BAY TEC DATA

GOOSE BAY TEC 1971-1975 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DAILY VARIATIONS (SD) **** = NO DATA # ANALYZED THIS RUN = 67

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	54.41	7.0	79.78	60.0	6.88	61.0	8.85	61.0
1	157.07	7.0	79.19	59.0	13.35	60.0	13.70	61.0
2	106.02	8.0	61.59	59.0	19.47	62.0	8.34	61.0
3	77.17	10.0	63.03	58.0	8.75	62.0	7.64	60.0
4	76.29	11.0	48.39	58.0	1.76	61.0	6.20	60.0
5	63.12	12.0	32.17	58.0	-3.44	62.0	4.19	61.0
6	56.69	12.0	17.51	60.0	-6.54	62.0	-1.99	61.0
7	23.70	13.0	-1.63	61.0	-3.30	61.0	-4.28	61.0
8	12.42	16.0	-8.50	62.0	-4.64	62.0	-1.87	60.0
9	10.79	23.0	-9.80	62.0	-4.97	61.0	-1.69	60.0
10	16.33	27.0	-10.35	62.0	-5.87	61.0	-2.47	61.0
11	24.41	34.0	-9.31	61.0	-3.25	60.0	-1.39	59.0
12	26.25	36.0	-9.15	62.0	-3.52	60.0	-3.01	59.0
13	28.93	41.0	-7.73	61.0	-2.48	60.0	-0.58	58.0
14	28.58	43.0	-8.64	61.0	0.24	61.0	0.52	59.0
15	25.97	50.0	-9.44	59.0	-0.32	62.0	-1.18	57.0
16	21.53	50.0	-10.23	60.0	-0.63	60.0	-1.10	58.0
17	3.75	51.0	-13.92	61.0	-2.81	62.0	-3.23	59.0
18	-8.06	51.0	-24.09	61.0	-11.47	62.0	-5.36	58.0
19	-1.75	51.0	-27.86	59.0	-17.54	60.0	-9.27	57.0
20	20.25	53.0	-24.99	58.0	-16.78	61.0	-9.92	55.0
21	31.30	54.0	-17.82	58.0	-11.45	61.0	-7.54	55.0
22	52.81	57.0	-14.61	58.0	-2.99	61.0	-5.45	55.0
23	71.53	58.0	-1.58	60.0	-1.40	61.0	2.26	56.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	49.0	7.0	107.4	60.0	53.0	61.0	51.8	61.0
1	185.8	7.0	101.2	59.0	67.4	60.0	54.9	61.0
2	83.5	8.0	72.1	59.0	71.7	62.0	39.9	61.0
3	83.8	10.0	82.2	58.0	43.6	62.0	36.8	60.0
4	104.4	11.0	82.1	58.0	31.5	61.0	37.2	60.0
5	91.0	12.0	55.6	58.0	28.3	62.0	36.4	61.0
6	56.6	12.0	45.2	60.0	20.2	62.0	30.0	61.0
7	42.8	13.0	29.6	61.0	22.5	61.0	17.1	61.0
8	21.9	16.0	16.3	62.0	22.8	62.0	16.0	60.0
9	22.5	23.0	15.7	62.0	20.4	61.0	17.2	60.0
10	20.4	27.0	18.5	62.0	17.5	61.0	17.0	61.0
11	26.9	34.0	18.0	61.0	18.3	60.0	17.3	59.0
12	29.2	36.0	13.3	62.0	19.4	60.0	16.2	59.0
13	32.3	41.0	25.6	61.0	18.3	60.0	18.2	58.0
14	34.0	43.0	24.8	61.0	21.4	61.0	21.3	57.0
15	38.8	50.0	25.1	59.0	19.3	62.0	19.1	57.0
16	33.0	50.0	23.1	60.0	17.8	62.0	17.0	59.0
17	31.0	51.0	25.3	61.0	22.7	62.0	22.4	59.0
18	35.8	51.0	24.7	61.0	27.4	62.0	27.6	58.0
19	41.8	51.0	27.8	59.0	27.4	60.0	33.4	57.0
20	72.8	53.0	37.3	58.0	29.6	61.0	39.7	55.0
21	75.5	54.0	45.0	58.0	33.5	61.0	36.6	55.0
22	96.5	57.0	40.5	58.0	39.3	61.0	37.3	55.0
23	102.2	58.0	45.0	60.0	39.4	61.0	41.0	56.0

GOOSE BAY TEC 1971-1975 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DST VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 67

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	11.19	62.0	24	-7.15	61.0	48	-7.93	62.0	72	1.53	60.0
1	25.76	61.0	25	-9.41	62.0	49	-6.34	62.0	73	-0.80	60.0
2	36.88	61.0	26	-1.28	62.0	50	-3.75	62.0	74	-0.58	59.0
3	41.49	63.0	27	-6.87	60.0	51	-0.75	62.0	75	4.68	59.0
4	46.05	62.0	28	1.45	61.0	52	-3.10	57.0	76	0.89	59.0
5	43.63	60.0	29	-4.31	61.0	53	-5.38	63.0	77	-1.59	58.0
6	46.59	60.0	30	-4.90	61.0	54	-7.20	62.0	78	-3.77	59.0
7	41.51	57.0	31	1.93	63.0	55	-6.59	63.0	79	-2.40	58.0
8	37.37	58.0	32	-4.83	63.0	56	-3.63	62.0	80	-2.28	59.0
9	32.61	59.0	33	-9.04	62.0	57	-3.81	62.0	81	-3.45	59.0
10	43.58	60.0	34	-6.57	60.0	58	-2.02	62.0	82	-2.71	60.0
11	40.09	60.0	35	0.56	59.0	59	3.37	63.0	83	-2.31	58.0
12	44.01	61.0	36	-1.79	60.0	60	-0.38	63.0	84	-3.61	56.0
13	37.03	61.0	37	-1.61	62.0	61	3.06	63.0	85	-4.82	57.0
14	31.26	60.0	38	4.77	62.0	62	1.12	57.0	86	0.84	57.0
15	24.04	60.0	39	1.87	62.0	63	-3.21	62.0	87	3.30	57.0
16	19.15	60.0	40	4.56	62.0	64	-2.36	63.0	88	4.10	57.0
17	19.32	62.0	41	3.34	60.0	65	0.84	62.0	89	3.98	56.0
18	14.89	61.0	42	-0.70	61.0	66	2.86	62.0	90	1.50	56.0
19	13.71	62.0	43	-6.22	62.0	67	3.04	62.0	91	1.51	57.0
20	10.10	61.0	44	-7.10	62.0	68	0.01	61.0	92	-0.71	58.0
21	2.68	60.0	45	-7.90	62.0	69	4.13	61.0	93	1.68	58.0
22	-5.35	61.0	46	-5.87	62.0	70	5.97	62.0	94	1.75	58.0
23	-6.50	61.0	47	-5.05	61.0	71	4.59	61.0	95	4.03	57.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	31.3	62.0	24	38.7	61.0	48	25.7	62.0	72	33.0	60.0
1	49.8	61.0	25	34.4	62.0	49	31.1	62.0	73	30.2	60.0
2	57.8	61.0	26	46.4	62.0	50	27.5	62.0	74	31.1	59.0
3	70.9	63.0	27	30.9	60.0	51	29.3	62.0	75	53.4	59.0
4	98.2	62.0	28	54.9	61.0	52	28.2	57.0	76	33.1	59.0
5	86.9	60.0	29	39.8	61.0	53	28.7	63.0	77	35.0	58.0
6	96.2	60.0	30	36.5	61.0	54	24.3	62.0	78	33.0	59.0
7	80.7	57.0	31	55.3	63.0	55	24.6	63.0	79	33.3	58.0
8	81.8	58.0	32	35.6	63.0	56	29.9	62.0	80	27.5	59.0
9	67.8	59.0	33	35.4	62.0	57	27.4	62.0	81	32.9	59.0
10	83.0	60.0	34	38.3	60.0	58	30.4	62.0	82	36.7	60.0
11	87.6	60.0	35	46.3	59.0	59	41.8	63.0	83	33.5	58.0
12	80.8	61.0	36	37.2	60.0	60	32.0	63.0	84	26.0	56.0
13	76.1	61.0	37	47.1	62.0	61	40.1	63.0	85	22.6	57.0
14	74.0	60.0	38	65.6	62.0	62	44.4	63.0	86	30.3	57.0
15	70.8	60.0	39	42.9	62.0	63	33.8	62.0	87	29.8	57.0
16	60.2	60.0	40	36.5	62.0	64	32.4	63.0	88	27.0	57.0
17	57.2	62.0	41	32.5	62.0	65	31.2	62.0	89	26.5	56.0
18	55.6	61.0	42	28.2	61.0	66	30.0	62.0	90	25.7	56.0
19	45.9	62.0	43	19.0	62.0	67	28.8	62.0	91	25.3	57.0
20	45.8	61.0	44	16.2	62.0	68	26.4	61.0	92	24.5	58.0
21	48.9	60.0	45	21.7	62.0	69	36.5	61.0	93	29.4	58.0
22	33.3	61.0	46	25.6	62.0	70	35.4	62.0	94	30.9	58.0
23	30.7	61.0	47	29.9	61.0	71	32.3	61.0	95	35.1	57.0

GOOSE BAY TEC 1971-1975 GEOMAGNETIC STORM ANAYLSIS

MEDIAN DAILY VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 67

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	30.95	7.0	54.39	60.0	0.0	61.0	0.0	61.0
1	68.97	7.0	66.12	59.0	0.0	60.0	0.0	61.0
2	72.07	8.0	40.00	59.0	0.0	62.0	1.82	61.0
3	60.83	10.0	32.77	58.0	2.68	62.0	8.71	60.0
4	41.18	11.0	25.10	58.0	0.0	61.0	0.0	60.0
5	25.14	12.0	9.90	58.0	-8.06	62.0	0.0	61.0
6	52.78	12.0	0.0	60.0	-8.29	62.0	-5.85	61.0
7	4.05	13.0	0.0	61.0	-6.67	61.0	-6.02	61.0
8	5.00	16.0	-10.18	62.0	-6.45	62.0	-1.85	60.0
9	5.41	23.0	-10.46	62.0	-7.04	61.0	-2.08	60.0
10	13.48	27.0	-13.08	62.0	-7.08	61.0	-2.80	61.0
11	25.39	34.0	-12.61	61.0	-4.50	60.0	-2.70	59.0
12	17.01	36.0	-11.13	62.0	-5.89	60.0	-0.89	59.0
13	10.14	41.0	-12.79	61.0	-4.10	60.0	-2.43	58.0
14	20.43	43.0	-13.59	61.0	-0.88	61.0	-2.74	59.0
15	23.14	50.0	-15.73	59.0	0.0	62.0	-1.25	57.0
16	23.19	50.0	-11.72	60.0	-0.45	62.0	-1.69	59.0
17	1.67	51.0	-16.67	61.0	0.0	62.0	0.0	59.0
18	-6.98	51.0	-26.32	61.0	-2.95	62.0	-1.98	58.0
19	-1.85	51.0	-32.35	59.0	-18.47	60.0	-5.88	57.0
20	5.31	53.0	-34.31	58.0	-17.39	61.0	-11.56	55.0
21	12.03	54.0	-26.39	58.0	-20.45	61.0	-13.16	55.0
22	32.00	57.0	-23.13	58.0	-7.35	61.0	-5.88	55.0
23	43.17	58.0	-6.78	60.0	-8.06	61.0	-2.45	55.0

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	4.55	62.0	24	-15.22	61.0	48	-10.47	62.0	72	0.0	60.0
1	12.09	61.0	25	-10.93	62.0	49	-7.88	62.0	73	-3.71	60.0
2	22.22	61.0	26	-12.67	62.0	50	-7.88	62.0	74	-5.56	59.0
3	24.71	63.0	27	-10.59	60.0	51	-1.91	62.0	75	-2.22	59.0
4	16.15	62.0	28	-10.77	61.0	52	-2.38	63.0	76	-6.14	59.0
5	18.35	60.0	29	-14.00	61.0	53	-5.90	63.0	77	-2.02	58.0
6	23.94	60.0	30	-3.85	61.0	54	-7.64	62.0	78	-2.41	59.0
7	23.53	57.0	31	-3.37	63.0	55	-7.78	63.0	79	-3.90	58.0
8	14.84	58.0	32	-8.11	63.0	56	-8.77	62.0	80	0.0	59.0
9	10.59	59.0	33	-9.45	62.0	57	-6.34	62.0	81	-9.09	59.0
10	13.36	60.0	34	-6.36	60.0	58	-3.37	62.0	82	-5.33	60.0
11	15.08	60.0	35	-7.38	59.0	59	-2.60	63.0	83	-6.58	58.0
12	18.75	61.0	36	-2.31	60.0	60	0.0	63.0	84	-6.97	56.0
13	18.24	61.0	37	-4.62	62.0	61	-1.56	63.0	85	-6.25	57.0
14	18.97	60.0	38	-8.03	62.0	62	-2.33	63.0	86	-3.12	57.0
15	7.91	60.0	39	0.0	62.0	63	-4.50	62.0	87	0.0	57.0
16	3.93	60.0	40	0.0	62.0	64	-4.17	63.0	88	0.0	57.0
17	0.0	62.0	41	-2.73	62.0	65	0.0	62.0	89	0.0	56.0
18	0.0	61.0	42	-6.25	61.0	66	0.0	62.0	90	-0.06	56.0
19	-1.23	62.0	43	-7.44	62.0	67	-2.10	62.0	91	-0.88	57.0
20	-5.71	61.0	44	-8.20	62.0	68	-3.93	61.0	92	-3.47	58.0
21	-8.96	60.0	45	-6.75	62.0	69	-1.39	61.0	93	-1.10	58.0
22	-15.38	61.0	46	-5.88	62.0	70	0.0	62.0	94	-3.54	58.0
23	-11.61	61.0	47	-8.33	61.0	71	0.0	61.0	95	0.0	57.0

GOOSE BAY TEC 1971-1975 SEASON: SUMMER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	57.96	2.0	49.22	20.0	7.03	19.0	-7.50	18.0
1	51.15	2.0	54.50	19.0	3.33	19.0	-2.05	18.0
2	46.79	3.0	55.55	19.0	3.85	19.0	5.23	18.0
3	56.67	2.0	44.86	19.0	5.00	19.0	9.70	18.0
4	30.11	2.0	27.50	19.0	-4.06	19.0	0.75	18.0
5	18.81	3.0	3.33	19.0	-7.32	19.0	-1.96	19.0
6	19.00	3.0	-5.19	20.0	-10.88	19.0	-3.17	19.0
7	4.78	3.0	-10.92	21.0	-11.54	19.0	-5.80	19.0
8	1.02	4.0	-13.16	21.0	-11.10	19.0	-4.31	18.0
9	5.12	5.0	-14.72	21.0	-11.77	19.0	-3.69	20.0
10	7.17	6.0	-12.55	21.0	-9.07	19.0	-1.40	20.0
11	12.57	8.0	-12.13	21.0	-7.75	19.0	0.53	20.0
12	13.55	8.0	-14.44	21.0	-7.89	19.0	-0.55	20.0
13	7.10	10.0	-16.74	20.0	-6.20	19.0	-0.32	20.0
14	8.36	10.0	-17.51	20.0	-1.30	19.0	-0.48	20.0
15	12.48	14.0	-19.32	20.0	-1.65	19.0	-1.54	19.0
16	24.00	14.0	-8.58	21.0	1.73	19.0	-0.40	20.0
17	10.29	14.0	-11.15	20.0	4.65	19.0	2.82	20.0
18	0.86	14.0	-22.96	20.0	-1.03	19.0	4.55	19.0
19	0.12	15.0	-27.28	20.0	-14.79	19.0	1.80	18.0
20	1.74	17.0	-34.51	19.0	-24.51	18.0	-14.55	17.0
21	5.71	18.0	-24.40	19.0	-22.76	18.0	-11.09	17.0
22	16.72	18.0	-16.72	19.0	-17.41	18.0	-5.64	17.0
23	31.76	20.0	-1.97	19.0	-8.93	18.0	-1.18	17.0

GOOSE BAY TEC 1971-1975 SEASON: SUMMER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	33.0	2.0	85.9	20.0	40.8	19.0	25.4	18.0
1	17.8	2.0	43.8	19.0	27.5	19.0	24.5	18.0
2	1.3	3.0	65.0	19.0	30.3	19.0	28.3	18.0
3	23.3	2.0	54.7	18.0	31.2	19.0	27.5	18.0
4	11.1	2.0	35.4	19.0	19.0	19.0	26.1	18.0
5	10.4	3.0	25.9	19.0	13.1	19.0	33.7	19.0
6	27.8	3.0	14.5	20.0	13.1	19.0	15.6	19.0
7	11.5	3.0	13.8	21.0	12.0	19.0	14.0	19.0
8	15.1	4.0	15.6	21.0	11.9	19.0	15.5	18.0
9	20.2	5.0	16.8	21.0	14.1	19.0	13.5	20.0
10	16.0	6.0	20.3	21.0	13.9	19.0	14.4	20.0
11	15.6	8.0	19.3	21.0	14.1	19.0	12.9	20.0
12	14.5	8.0	15.8	21.0	13.5	19.0	17.2	20.0
13	12.8	10.0	14.8	20.0	14.0	19.0	15.3	20.0
14	13.3	10.0	18.1	20.0	15.1	19.0	17.0	20.0
15	15.5	14.0	18.8	20.0	15.9	19.0	15.2	19.0
16	27.9	14.0	21.1	21.0	15.6	19.0	13.5	20.0
17	17.4	14.0	21.6	20.0	17.5	19.0	15.5	20.0
18	15.4	14.0	14.5	20.0	15.3	19.0	18.8	19.0
19	26.7	15.0	15.3	20.0	19.0	18.0	19.2	19.0
20	28.7	17.0	19.4	19.0	23.7	18.0	32.1	17.0
21	21.8	18.0	33.0	19.0	26.8	18.0	32.2	17.0
22	33.5	18.0	28.2	19.0	22.4	18.0	27.8	17.0
23	44.7	20.0	23.9	19.0	25.5	18.0	30.1	17.0

GOOSE BAY TEC 1971-1975 SEASON: SUMMER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	11.06	20.0	24	-10.28	20.0	48	-6.82	19.0	72	-4.82	18.0
1	16.60	19.0	25	-16.61	20.0	49	-7.22	19.0	73	-2.42	19.0
2	22.10	19.0	26	-14.83	20.0	50	-3.49	19.0	74	-3.96	18.0
3	26.56	21.0	27	-11.14	20.0	51	-2.25	19.0	75	-3.89	18.0
4	28.70	20.0	28	-9.85	19.0	52	-3.62	19.0	76	4.60	18.0
5	29.71	19.0	29	-9.61	19.0	53	-6.81	19.0	77	7.03	18.0
6	27.57	19.0	30	-0.37	19.0	54	-11.57	19.0	78	4.12	19.0
7	22.22	20.0	31	1.21	20.0	55	-11.75	19.0	79	0.79	18.0
8	22.29	20.0	32	3.64	20.0	56	-1.39	19.0	80	7.30	18.0
9	14.37	20.0	33	-7.98	20.0	57	-3.02	19.0	81	6.71	18.0
10	24.52	19.0	34	-2.26	20.0	58	-2.95	19.0	82	2.58	19.0
11	6.89	20.0	35	-4.33	20.0	59	-3.77	19.0	83	7.79	18.0
12	9.23	20.0	36	-5.67	20.0	60	-1.80	19.0	84	4.79	18.0
13	8.32	20.0	37	-7.25	20.0	61	0.39	19.0	85	-0.73	18.0
14	10.71	20.0	38	-7.09	20.0	62	-2.54	19.0	86	-1.81	18.0
15	-0.31	19.0	39	-4.77	20.0	63	-5.91	18.0	87	-2.33	18.0
16	7.61	19.0	40	-0.14	20.0	64	-6.27	19.0	88	-3.57	18.0
17	-4.26	20.0	41	-5.61	20.0	65	-3.53	19.0	89	-2.69	18.0
18	-7.89	20.0	42	-6.10	19.0	66	0.73	19.0	90	-3.05	18.0
19	-7.92	21.0	43	-4.32	19.0	67	2.00	19.0	91	-1.02	19.0
20	-10.36	20.0	44	-6.77	19.0	68	-1.33	19.0	92	-0.44	19.0
21	-13.80	20.0	45	-10.88	19.0	69	-7.10	19.0	93	-3.39	19.0
22	-15.43	20.0	46	-12.51	19.0	70	-2.76	20.0	94	-3.02	19.0
23	-8.79	20.0	47	-11.23	19.0	71	-4.08	19.0	95	0.08	19.0

GOOSE BAY TEC 1971-1975 SEASON: SUMMER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	23.3	20.0	24	27.4	20.0	48	19.5	19.0	72	17.3	18.0
1	26.0	19.0	25	25.5	20.0	49	18.8	19.0	73	23.1	19.0
2	29.9	19.0	26	24.7	20.0	50	22.8	19.0	74	20.9	18.0
3	43.5	21.0	27	20.9	20.0	51	23.7	19.0	75	28.4	18.0
4	48.0	20.0	28	31.1	19.0	52	23.1	19.0	76	39.0	18.0
5	52.0	19.0	29	37.0	19.0	53	26.4	19.0	77	50.1	18.0
6	45.2	19.0	30	40.5	19.0	54	25.9	19.0	78	45.9	18.0
7	74.0	20.0	31	41.3	20.0	55	26.3	19.0	79	43.0	18.0
8	36.3	20.0	32	35.9	20.0	56	35.5	19.0	80	32.7	18.0
9	38.5	20.0	33	24.5	20.0	57	22.6	19.0	81	22.8	18.0
10	55.6	19.0	34	26.2	20.0	58	22.9	19.0	82	22.2	19.0
11	32.3	20.0	35	35.0	20.0	59	20.4	19.0	83	35.3	18.0
12	31.2	20.0	36	27.5	20.0	60	25.3	19.0	84	29.4	18.0
13	33.8	20.0	37	19.4	20.0	61	24.6	19.0	85	24.3	18.0
14	36.7	20.0	38	21.5	20.0	62	20.8	19.0	86	15.0	18.0
15	27.4	19.0	39	11.6	20.0	63	19.6	18.0	87	12.5	18.0
16	45.5	19.0	40	29.1	20.0	64	17.3	19.0	88	16.7	18.0
17	33.3	20.0	41	14.6	20.0	65	24.1	19.0	89	15.0	18.0
18	25.4	20.0	42	17.5	19.0	66	24.3	19.0	90	10.8	18.0
19	27.8	21.0	43	16.1	19.0	67	22.6	19.0	91	17.2	19.0
20	15.8	20.0	44	15.5	19.0	68	17.5	19.0	92	14.3	19.0
21	15.5	20.0	45	17.3	19.0	69	18.2	19.0	93	15.6	19.0
22	19.6	20.0	46	18.6	19.0	70	18.8	20.0	94	21.0	19.0
23	25.2	20.0	47	16.5	19.0	71	16.3	19.0	95	19.3	19.0

GOOSE BAY TEC 1971-1975 SEASON: SUMMER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	67.96	2.0	36.43	20.0	3.51	19.0	-10.82	18.0
1	51.15	2.0	56.00	19.0	0.0	19.0	-2.16	18.0
2	46.43	3.0	36.29	19.0	0.0	19.0	6.20	18.0
3	56.67	2.0	28.18	18.0	2.33	19.0	9.98	18.0
4	30.11	2.0	5.52	19.0	-4.08	19.0	-3.65	18.0
5	25.00	3.0	4.17	19.0	-7.35	19.0	-8.06	19.0
6	5.97	3.0	-7.53	20.0	-11.76	19.0	-8.70	19.0
7	-2.63	3.0	-8.96	21.0	-13.25	19.0	-8.43	19.0
8	-1.20	4.0	-10.26	21.0	-9.26	19.0	-7.30	18.0
9	9.65	5.0	-15.47	21.0	-12.94	19.0	-5.51	20.0
10	9.27	6.0	-16.30	21.0	-11.21	19.0	-3.73	20.0
11	12.24	8.0	-13.98	21.0	-8.15	19.0	-2.43	20.0
12	12.44	8.0	-13.60	21.0	-9.00	19.0	-1.74	20.0
13	8.80	10.0	-17.30	20.0	-7.07	19.0	-5.06	20.0
14	6.36	10.0	-15.94	20.0	-0.82	19.0	-3.51	20.0
15	13.71	14.0	-18.82	20.0	0.68	19.0	0.0	19.0
16	23.01	14.0	-11.61	21.0	7.63	19.0	-0.85	20.0
17	5.15	14.0	-16.67	20.0	3.64	19.0	0.72	20.0
18	3.73	14.0	-21.87	20.0	-0.42	19.0	3.20	19.0
19	-0.80	15.0	-28.65	20.0	-15.93	19.0	-1.55	18.0
20	6.31	17.0	-37.21	19.0	-22.73	18.0	-13.76	17.0
21	9.81	18.0	-28.24	19.0	-27.94	18.0	-14.10	17.0
22	19.34	18.0	-25.76	19.0	-19.48	18.0	-5.88	17.0
23	14.87	20.0	0.0	19.0	-8.20	19.0	4.00	17.0

GOOSE BAY TEC 1971-1975 SEASON: SUMMER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	9.53	20.0	24	-11.01	20.0	48	-5.67	19.0	72	-1.14	18.0
1	12.98	19.0	25	-12.67	20.0	49	-4.46	19.0	73	-2.34	19.0
2	14.29	19.0	26	-15.70	20.0	50	0.0	19.0	74	-5.19	19.0
3	17.74	21.0	27	-13.70	20.0	51	-0.82	19.0	75	-2.63	18.0
4	14.58	20.0	28	-10.77	19.0	52	0.0	19.0	76	-4.07	18.0
5	18.81	19.0	29	-14.00	19.0	53	-5.00	19.0	77	-3.02	18.0
6	20.77	19.0	30	-3.75	19.0	54	-21.05	19.0	78	-5.66	18.0
7	18.44	20.0	31	-2.75	20.0	55	-9.82	19.0	79	2.34	18.0
8	13.07	20.0	32	-3.75	20.0	56	-5.06	19.0	80	3.72	19.0
9	4.32	20.0	33	-2.55	20.0	57	-7.02	19.0	81	2.89	18.0
10	5.68	19.0	34	-5.45	20.0	58	-3.77	19.0	82	2.33	19.0
11	2.53	20.0	35	-12.03	20.0	59	-6.15	19.0	83	0.75	19.0
12	11.76	20.0	36	-0.98	20.0	60	-7.89	19.0	84	-3.57	19.0
13	3.47	20.0	37	-7.47	20.0	61	-2.74	19.0	85	-4.05	19.0
14	3.89	20.0	38	-7.16	20.0	62	-2.33	19.0	86	-6.17	18.0
15	-5.62	19.0	39	-4.48	20.0	63	-7.54	18.0	87	-5.53	18.0
16	0.0	19.0	40	-2.96	20.0	64	-7.35	19.0	88	-6.23	19.0
17	-4.32	20.0	41	-4.21	20.0	65	-5.89	19.0	89	-10.16	18.0
18	-14.54	20.0	42	-8.33	19.0	66	-2.15	19.0	90	-4.81	18.0
19	-10.40	21.0	43	-7.41	19.0	67	-6.93	19.0	91	-5.50	19.0
20	-5.47	20.0	44	-6.58	19.0	68	-5.75	19.0	92	-3.03	19.0
21	-11.40	20.0	45	-8.65	19.0	69	-5.12	19.0	93	-0.99	19.0
22	-18.11	20.0	46	-11.69	19.0	70	-2.45	20.0	94	0.0	19.0
23	-7.51	20.0	47	-11.21	19.0	71	-0.99	19.0	95	0.0	19.0

GOOSE BAY TEC 1971-1975 SEASON: FALL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	27.78	1.0	37.97	10.0	-14.08	11.0	15.40	11.0
1	20.59	1.0	39.62	10.0	-9.02	11.0	22.02	11.0
2	9.09	1.0	47.88	10.0	-1.99	11.0	22.28	11.0
3	0.0	2.0	50.19	10.0	-11.24	11.0	10.00	11.0
4	-9.04	3.0	41.54	10.0	-9.37	11.0	10.02	11.0
5	-13.19	3.0	33.13	10.0	-4.22	11.0	7.94	11.0
6	18.84	3.0	3.79	10.0	-17.00	11.0	-0.22	11.0
7	9.58	3.0	-10.09	10.0	-5.11	11.0	-4.83	11.0
8	4.76	3.0	-16.06	10.0	-8.25	11.0	-2.94	11.0
9	0.83	4.0	-13.76	10.0	-4.25	10.0	5.03	10.0
10	20.40	5.0	-13.42	10.0	-5.61	10.0	1.99	11.0
11	40.95	6.0	-13.53	10.0	-1.90	9.0	1.80	10.0
12	33.07	5.0	-17.36	10.0	-4.27	9.0	2.97	10.0
13	29.06	6.0	-15.90	10.0	-2.84	9.0	8.87	9.0
14	35.39	9.0	-17.13	10.0	1.55	11.0	12.82	10.0
15	32.14	10.0	-20.75	10.0	-1.82	11.0	6.93	10.0
16	12.34	10.0	-23.40	10.0	-3.67	11.0	0.13	10.0
17	-13.56	10.0	-27.18	10.0	-5.69	11.0	-8.31	10.0
18	-20.89	9.0	-33.29	10.0	-12.37	11.0	-13.05	10.0
19	-24.95	9.0	-40.50	10.0	-15.31	10.0	-24.35	10.0
20	-5.01	9.0	-27.17	10.0	-7.28	11.0	-22.39	9.0
21	-3.65	9.0	-23.58	10.0	-5.35	11.0	-15.75	9.0
22	18.12	9.0	-20.59	10.0	1.07	11.0	-7.80	9.0
23	36.09	8.0	-16.36	11.0	8.55	11.0	8.63	10.0

GOOSE BAY TEC 1971-1975 SEASON: FALL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	1.0	75.4	10.0	59.3	11.0	55.0	11.0
1	*****	1.0	64.7	10.0	45.3	11.0	55.9	11.0
2	*****	1.0	72.0	10.0	35.8	11.0	48.6	11.0
3	0.0	2.0	69.2	10.0	26.3	11.0	35.7	11.0
4	3.6	3.0	62.0	10.0	29.0	11.0	32.1	11.0
5	9.4	3.0	49.0	10.0	41.3	11.0	33.2	11.0
6	26.5	3.0	27.2	10.0	18.5	11.0	20.0	11.0
7	9.4	3.0	10.7	10.0	12.4	11.0	14.3	11.0
8	6.7	3.0	7.7	10.0	14.9	11.0	21.9	11.0
9	7.6	4.0	5.0	10.0	12.9	10.0	26.8	10.0
10	10.5	5.0	7.7	10.0	15.1	10.0	27.1	11.0
11	25.8	6.0	9.1	10.0	17.0	9.0	25.7	10.0
12	22.7	5.0	11.2	10.0	18.1	9.0	20.2	10.0
13	30.2	6.0	11.4	10.0	15.9	9.0	23.7	9.0
14	50.9	9.0	10.1	10.0	20.6	11.0	28.2	10.0
15	58.8	10.0	9.9	10.0	15.9	11.0	21.8	10.0
16	45.5	10.0	18.7	10.0	16.5	11.0	19.8	10.0
17	35.5	10.0	18.5	10.0	12.0	11.0	20.3	10.0
18	31.7	9.0	11.1	10.0	24.8	11.0	26.7	10.0
19	30.8	9.0	13.0	10.0	28.7	10.0	30.6	10.0
20	51.5	9.0	40.4	10.0	30.8	11.0	37.4	9.0
21	51.6	9.0	34.8	10.0	40.9	11.0	16.3	9.0
22	54.2	9.0	37.8	10.0	44.5	11.0	40.3	9.0
23	74.5	8.0	40.8	11.0	39.6	11.0	53.4	10.0

GOOSE BAY TEC 1971-1975 SEASON: FALL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	10.52	10.0	24	-24.18	10.0	48	-14.19	10.0	72	9.85	11.0
1	34.33	10.0	25	-17.54	10.0	49	-2.57	10.0	73	8.60	10.0
2	35.84	10.0	26	-2.05	10.0	50	0.32	10.0	74	5.57	10.0
3	20.59	10.0	27	-11.34	10.0	51	-3.90	10.0	75	-0.05	10.0
4	10.36	10.0	28	-16.33	10.0	52	-3.41	11.0	76	-12.04	10.0
5	8.51	10.0	29	-22.12	10.0	53	-7.59	11.0	77	-15.14	9.0
6	1.03	9.0	30	-21.52	10.0	54	-11.52	10.0	78	-14.24	10.0
7	-7.72	9.0	31	-9.08	10.0	55	-10.38	11.0	79	-21.61	10.0
8	16.35	10.0	32	-17.52	10.0	56	3.15	10.0	80	-5.15	10.0
9	29.51	9.0	33	-18.47	10.0	57	-1.55	10.0	81	3.43	10.0
10	50.74	10.0	34	-11.60	10.0	58	0.40	10.0	82	7.49	10.0
11	31.54	9.0	35	6.13	10.0	59	13.88	11.0	83	-5.61	10.0
12	53.71	10.0	36	4.25	10.0	60	7.59	11.0	84	-6.02	9.0
13	35.42	10.0	37	-8.70	11.0	61	4.11	11.0	85	-9.30	10.0
14	17.72	9.0	38	-15.95	11.0	62	-4.55	11.0	86	-2.84	10.0
15	4.81	10.0	39	-19.15	11.0	63	-12.49	11.0	87	-4.20	10.0
16	-1.15	10.0	40	-8.43	11.0	64	-12.98	11.0	88	3.10	10.0
17	13.48	10.0	41	-12.57	11.0	65	-6.69	11.0	89	10.01	9.0
18	-1.32	10.0	42	-15.71	11.0	66	-7.19	11.0	90	1.05	9.0
19	2.07	10.0	43	-16.65	11.0	67	1.40	11.0	91	2.72	9.0
20	-4.70	10.0	44	-10.15	11.0	68	-0.23	11.0	92	-2.10	10.0
21	-12.65	10.0	45	-12.28	11.0	69	10.05	11.0	93	0.24	10.0
22	-14.66	10.0	46	-9.66	11.0	70	3.16	11.0	94	0.75	10.0
23	-17.09	10.0	47	-12.99	10.0	71	9.82	11.0	95	3.01	10.0

GOOSE BAY TEC 1971-1975 SEASON: FALL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	31.0	10.0	24	28.1	10.0	48	25.7	10.0	72	29.5	11.0
1	50.7	10.0	25	22.7	10.0	49	44.7	10.0	73	36.4	10.0
2	53.9	10.0	26	40.7	10.0	50	37.4	10.0	74	29.1	10.0
3	21.7	10.0	27	28.7	10.0	51	25.6	10.0	75	25.8	10.0
4	27.8	10.0	28	10.0	10.0	52	26.8	11.0	76	20.5	10.0
5	14.7	10.0	29	15.0	10.0	53	25.4	11.0	77	21.3	9.0
6	29.4	9.0	30	17.5	10.0	54	17.2	10.0	78	22.1	10.0
7	37.4	9.0	31	36.5	10.0	55	13.4	11.0	79	25.0	10.0
8	44.7	10.0	32	39.3	10.0	56	20.8	10.0	80	21.5	10.0
9	70.2	9.0	33	31.4	10.0	57	24.1	10.0	81	34.3	10.0
10	85.7	10.0	34	23.2	10.0	58	32.5	10.0	82	52.3	10.0
11	67.4	9.0	35	53.4	10.0	59	49.5	11.0	83	26.8	10.0
12	80.1	10.0	36	44.0	10.0	60	44.5	11.0	84	29.3	9.0
13	65.6	10.0	37	39.1	11.0	61	44.8	11.0	85	18.4	10.0
14	45.4	9.0	38	34.5	11.0	62	25.4	11.0	86	30.0	10.0
15	44.5	10.0	39	32.7	11.0	63	31.6	11.0	87	23.2	10.0
16	47.1	10.0	40	45.4	11.0	64	30.5	11.0	88	18.8	10.0
17	49.1	10.0	41	31.9	11.0	65	23.1	11.0	89	21.9	9.0
18	27.0	10.0	42	29.2	11.0	66	26.2	11.0	90	13.5	9.0
19	27.3	10.0	43	21.4	11.0	67	37.6	11.0	91	24.2	9.0
20	35.2	10.0	44	20.0	11.0	68	34.0	11.0	92	28.2	10.0
21	38.9	10.0	45	21.1	11.0	69	41.9	11.0	93	30.8	10.0
22	39.7	10.0	46	23.8	11.0	70	31.1	11.0	94	29.6	10.0
23	30.7	10.0	47	20.5	10.0	71	30.8	11.0	95	38.0	10.0

GOOSE BAY TEC 1971-1975 SEASON: FALL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	27.79	1.0	5.88	10.0	-37.33	11.0	6.35	11.0
1	20.59	1.0	25.67	10.0	-11.36	11.0	5.89	11.0
2	9.09	1.0	50.30	10.0	-5.25	11.0	7.50	11.0
3	0.0	3.0	26.01	10.0	-13.04	11.0	0.0	11.0
4	-11.11	3.0	20.71	10.0	-14.29	11.0	0.0	11.0
5	-18.59	7.0	19.70	10.0	-16.57	11.0	5.26	11.0
6	0.0	3.0	0.0	10.0	-14.29	11.0	-2.86	11.0
7	4.05	3.0	-8.55	10.0	-2.03	11.0	-2.35	11.0
8	0.0	3.0	-17.26	10.0	-9.00	11.0	-11.90	11.0
9	4.37	4.0	-15.52	10.0	-4.43	10.0	3.34	10.0
10	23.62	5.0	-21.02	10.0	-4.73	10.0	0.0	11.0
11	30.76	6.0	-15.43	10.0	-1.81	9.0	-2.53	10.0
12	27.46	6.0	-17.58	10.0	-5.43	9.0	1.12	10.0
13	16.78	8.0	-21.54	10.0	0.0	9.0	3.80	9.0
14	20.79	9.0	-19.55	10.0	0.0	11.0	5.35	10.0
15	23.89	10.0	-18.91	10.0	-1.85	11.0	4.49	10.0
16	10.83	10.0	-27.15	10.0	-2.55	11.0	0.85	10.0
17	-19.09	10.0	-23.10	10.0	-10.57	11.0	-7.76	10.0
18	-24.76	9.0	-32.83	10.0	-4.24	11.0	-17.97	10.0
19	-28.24	9.0	-38.95	10.0	-14.34	10.0	-31.15	10.0
20	-27.55	9.0	-39.42	10.0	-4.17	11.0	-8.77	9.0
21	-2.58	9.0	-30.34	10.0	-5.88	11.0	-14.71	9.0
22	0.0	9.0	-23.13	10.0	1.96	11.0	-14.86	9.0
23	7.32	8.0	-24.39	11.0	7.32	11.0	-10.68	10.0

GOOSE BAY TEC 1971-1975 SEASON: FALL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-1.36	10.0	24	-35.79	10.0	48	-24.99	10.0	72	0.0	11.0
1	13.10	10.0	25	-20.44	10.0	49	-23.25	10.0	73	4.92	10.0
2	12.07	10.0	26	-9.92	10.0	50	-13.62	10.0	74	3.66	10.0
3	21.73	10.0	27	-20.36	10.0	51	-13.22	10.0	75	7.64	10.0
4	8.71	10.0	28	-16.32	10.0	52	-4.24	11.0	76	-13.64	10.0
5	11.69	10.0	29	-20.76	10.0	53	-15.27	11.0	77	-6.06	9.0
6	0.0	9.0	30	-19.90	10.0	54	-9.17	10.0	78	-4.71	10.0
7	-12.00	9.0	31	-10.59	10.0	55	-9.52	11.0	79	-10.05	10.0
8	-0.80	10.0	32	-18.74	10.0	56	-4.12	10.0	80	-8.67	10.0
9	0.0	9.0	33	-28.04	10.0	57	-0.07	10.0	81	-9.93	10.0
10	35.11	10.0	34	-14.00	10.0	58	-1.04	10.0	82	-3.48	10.0
11	28.97	9.0	35	-7.46	10.0	59	11.63	11.0	83	-7.42	10.0
12	40.45	10.0	36	-5.13	10.0	60	7.50	11.0	84	-7.45	9.0
13	31.81	10.0	37	-5.41	11.0	61	8.29	11.0	85	-3.77	10.0
14	22.98	9.0	38	-22.22	11.0	62	0.0	11.0	86	-2.00	10.0
15	-1.55	10.0	39	-16.67	11.0	63	-10.07	11.0	87	0.83	10.0
16	-6.87	10.0	40	-11.34	11.0	64	-4.88	11.0	88	2.41	10.0
17	-3.46	10.0	41	-12.20	11.0	65	0.0	11.0	89	5.02	9.0
18	0.0	10.0	42	-17.65	11.0	66	-6.38	11.0	90	-1.86	9.0
19	0.0	10.0	43	-8.57	11.0	67	-8.57	11.0	91	-2.50	9.0
20	-15.92	10.0	44	-9.43	11.0	68	9.38	11.0	92	-13.87	10.0
21	-22.58	10.0	45	-15.24	11.0	69	3.39	11.0	93	-9.59	10.0
22	-21.74	10.0	46	-5.89	11.0	70	3.40	11.0	94	-14.21	10.0
23	-27.74	10.0	47	-11.07	10.0	71	1.43	11.0	95	-8.09	10.0

GOOSE BAY TEC 1971-1975 SEASON: WINTER

AVERAGE DAILY VARIATIONS (SD) **** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	86.30	4.0	127.95	19.0	2.22	19.0	21.21	19.0
1	244.16	4.0	107.70	19.0	16.23	19.0	23.92	19.0
2	174.67	4.0	75.14	19.0	10.41	19.0	10.90	19.0
3	109.73	6.0	90.59	19.0	4.59	19.0	16.32	18.0
4	134.39	6.0	71.19	19.0	3.15	19.0	17.19	19.0
5	123.43	6.0	63.56	19.0	-4.39	19.0	17.54	18.0
6	94.47	6.0	54.68	20.0	0.25	19.0	10.43	18.0
7	37.81	7.0	14.44	20.0	5.51	18.0	1.80	18.0
8	14.58	9.0	1.37	20.0	-1.74	19.0	2.50	18.0
9	10.77	10.0	-0.68	20.0	-3.19	19.0	-0.46	17.0
10	15.21	13.0	-2.58	20.0	-4.95	19.0	-1.53	17.0
11	21.23	15.0	-3.41	19.0	-0.80	19.0	-0.73	15.0
12	31.02	16.0	0.04	20.0	1.42	19.0	-5.13	15.0
13	41.85	17.0	7.33	20.0	1.15	19.0	-0.22	15.0
14	30.85	18.0	4.62	20.0	1.48	18.0	1.28	15.0
15	26.67	19.0	4.77	19.0	2.82	19.0	-2.76	16.0
16	13.27	19.0	-4.67	19.0	4.30	19.0	-2.02	16.0
17	3.93	19.0	-7.88	21.0	-1.98	19.0	-3.47	16.0
18	-11.64	20.0	-20.00	21.0	-13.78	19.0	-5.82	16.0
19	9.76	19.0	-17.60	20.0	-15.00	19.0	-5.45	16.0
20	66.38	19.0	-11.62	20.0	-11.54	19.0	-4.63	16.0
21	67.03	19.0	4.05	20.0	-3.77	19.0	-6.03	16.0
22	91.75	19.0	-0.75	19.0	4.89	19.0	-11.66	16.0
23	115.42	19.0	15.24	19.0	3.44	19.0	-3.62	16.0

GOOSE BAY TEC 1971-1975 SEASON: WINTER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	88.6	4.0	121.2	19.0	24.9	19.0	50.6	19.0
1	158.5	4.0	95.8	19.0	42.5	19.0	54.0	19.0
2	55.2	4.0	77.2	19.0	47.5	19.0	35.9	19.0
3	91.2	6.0	105.3	19.0	28.2	19.0	39.1	18.0
4	101.9	6.0	115.1	19.0	24.5	19.0	50.6	18.0
5	57.0	6.0	66.0	19.0	19.9	19.0	43.8	19.0
6	68.3	6.0	53.4	20.0	24.7	19.0	47.1	19.0
7	51.1	7.0	33.8	20.0	29.5	18.0	25.8	18.0
8	19.9	8.0	18.2	20.0	16.5	19.0	12.1	19.0
9	12.5	10.0	17.5	20.0	17.2	19.0	12.0	17.0
10	18.1	13.0	21.8	20.0	16.9	19.0	12.2	17.0
11	22.1	15.0	22.0	19.0	19.3	19.0	15.7	15.0
12	34.4	16.0	24.1	20.0	18.3	19.0	15.5	15.0
13	36.2	17.0	33.0	20.0	17.5	19.0	14.8	15.0
14	27.7	18.0	31.5	20.0	19.4	18.0	22.0	15.0
15	32.9	19.0	35.5	19.0	19.8	19.0	19.7	16.0
16	27.1	19.0	27.8	19.0	18.2	19.0	19.1	15.0
17	22.7	19.0	34.7	21.0	30.7	19.0	26.2	15.0
18	36.4	20.0	36.1	21.0	35.2	19.0	33.4	15.0
19	49.9	19.0	39.7	20.0	34.5	19.0	40.6	15.0
20	94.6	19.0	45.2	20.0	38.3	19.0	42.4	15.0
21	77.0	19.0	54.7	20.0	37.0	19.0	36.0	15.0
22	109.8	19.0	48.3	19.0	34.3	19.0	26.2	15.0
23	105.5	19.0	49.3	19.0	42.4	19.0	42.1	15.0

GOOSE BAY TEC 1971-1975 SEASON: WINTER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	11.41	20.0	24	5.76	20.0	48	-3.98	20.0	72	0.51	18.0
1	31.51	20.0	25	2.44	20.0	49	-3.07	20.0	73	-4.32	18.0
2	37.85	20.0	26	9.87	20.0	50	0.32	20.0	74	-1.67	18.0
3	37.75	20.0	27	3.07	20.0	51	5.76	20.0	75	1.57	18.0
4	51.01	20.0	28	10.02	20.0	52	-0.33	20.0	76	2.06	18.0
5	45.15	19.0	29	2.20	20.0	53	-7.07	20.0	77	-5.76	18.0
6	56.38	21.0	30	-0.87	21.0	54	-3.99	20.0	78	-7.44	18.0
7	71.58	19.0	31	1.53	21.0	55	-3.11	20.0	79	-2.14	18.0
8	75.39	20.0	32	-4.81	21.0	56	0.35	20.0	80	-5.84	18.0
9	67.99	20.0	33	-3.40	20.0	57	1.33	20.0	81	-14.44	18.0
10	74.31	20.0	34	0.38	18.0	58	3.47	20.0	82	-11.13	18.0
11	90.39	20.0	35	8.27	18.0	59	11.76	20.0	83	-10.36	17.0
12	88.05	20.0	36	0.94	19.0	60	5.46	20.0	84	-10.75	16.0
13	81.21	20.0	37	1.51	19.0	61	7.07	20.0	85	-9.13	16.0
14	69.25	20.0	38	14.63	19.0	62	3.10	20.0	86	-3.38	16.0
15	62.34	20.0	39	9.07	19.0	63	6.07	20.0	87	6.03	16.0
16	48.36	20.0	40	13.55	19.0	64	4.54	20.0	88	7.07	16.0
17	51.58	21.0	41	15.83	18.0	65	10.53	19.0	89	4.58	16.0
18	48.67	20.0	42	10.39	18.0	66	11.25	19.0	90	3.13	16.0
19	47.55	20.0	43	-1.09	19.0	67	6.02	19.0	91	-0.58	16.0
20	41.60	20.0	44	-5.90	19.0	68	0.23	18.0	92	-9.65	16.0
21	35.24	19.0	45	-5.55	19.0	69	10.10	18.0	93	-0.57	16.0
22	12.66	20.0	46	-1.77	19.0	70	14.25	18.0	94	-1.75	16.0
23	5.50	20.0	47	-1.92	19.0	71	8.82	18.0	95	0.86	16.0

GOOSE BAY TEC 1971-1975 SEASON: WINTER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	35.9	20.0	24	48.5	20.0	48	19.0	20.0	72	27.1	18.0
1	62.0	20.0	25	42.0	20.0	49	25.6	20.0	73	27.9	18.0
2	45.1	20.0	26	53.4	20.0	50	28.1	20.0	74	33.7	18.0
3	61.1	20.0	27	33.4	20.0	51	26.9	20.0	75	33.4	18.0
4	119.3	20.0	28	59.9	20.0	52	27.3	20.0	76	24.1	18.0
5	70.3	19.0	29	41.5	20.0	53	28.1	20.0	77	24.9	18.0
6	66.5	21.0	30	74.5	21.0	54	24.3	20.0	78	25.8	18.0
7	103.9	19.0	31	34.7	21.0	55	29.0	20.0	79	25.7	18.0
8	114.9	20.0	32	35.2	21.0	56	28.2	20.0	80	18.0	18.0
9	75.4	20.0	33	37.6	20.0	57	33.9	20.0	81	21.2	18.0
10	101.3	20.0	34	35.9	18.0	58	34.2	20.0	82	17.3	18.0
11	119.3	20.0	35	46.3	18.0	59	49.1	20.0	83	16.9	17.0
12	98.3	20.0	36	35.5	19.0	60	30.0	20.0	84	19.1	16.0
13	102.7	20.0	37	38.7	19.0	61	40.7	20.0	85	21.8	16.0
14	101.5	20.0	38	55.3	19.0	62	38.3	20.0	86	24.9	16.0
15	101.8	20.0	39	35.5	19.0	63	41.8	20.0	87	30.8	16.0
16	74.1	20.0	40	31.9	18.0	64	40.9	20.0	88	32.9	16.0
17	74.5	21.0	41	33.7	18.0	65	40.4	19.0	89	35.7	16.0
18	77.0	20.0	42	31.5	18.0	66	36.3	19.0	90	39.6	16.0
19	58.2	20.0	43	20.4	19.0	67	33.1	19.0	91	33.7	16.0
20	48.5	20.0	44	20.1	19.0	68	29.0	18.0	92	20.5	16.0
21	65.7	19.0	45	22.0	19.0	69	50.1	18.0	93	21.7	16.0
22	38.4	20.0	46	25.5	19.0	70	60.5	18.0	94	23.5	16.0
23	34.3	20.0	47	26.4	19.0	71	29.0	18.0	95	27.0	16.0

GOOSE BAY TEC 1971-1975 SEASON: WINTER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	65.93	4.0	80.00	19.0	0.0	19.0	25.00	19.0
1	211.23	4.0	66.67	19.0	0.0	19.0	25.00	19.0
2	180.68	4.0	66.68	19.0	0.0	19.0	15.38	19.0
3	111.07	5.0	66.67	19.0	7.53	19.0	15.19	18.0
4	131.06	6.0	56.25	19.0	0.0	19.0	9.40	18.0
5	107.50	6.0	50.00	19.0	-3.09	19.0	2.08	18.0
6	102.94	6.0	40.18	20.0	0.0	19.0	0.0	18.0
7	34.78	7.0	7.18	20.0	0.0	18.0	0.0	18.0
8	11.00	8.0	-3.28	20.0	-3.00	19.0	0.0	18.0
9	9.00	10.0	-6.64	20.0	-4.53	19.0	0.0	17.0
10	10.17	13.0	-4.03	20.0	-7.04	18.0	0.0	17.0
11	24.55	15.0	-3.95	19.0	-2.37	19.0	0.0	15.0
12	22.12	16.0	1.00	20.0	0.0	19.0	0.0	15.0
13	29.41	17.0	1.46	20.0	0.0	19.0	3.58	15.0
14	25.90	18.0	1.33	20.0	-1.00	18.0	-3.09	16.0
15	24.07	19.0	3.45	19.0	0.0	19.0	-5.51	16.0
16	17.33	19.0	0.0	19.0	0.0	19.0	-4.84	16.0
17	2.61	19.0	0.0	21.0	0.0	19.0	-4.05	16.0
18	-14.78	20.0	-29.73	21.0	-1.64	19.0	-7.39	16.0
19	8.82	19.0	-29.06	20.0	-13.18	19.0	-8.21	16.0
20	40.00	19.0	-16.85	20.0	-17.39	19.0	-7.83	15.0
21	37.50	19.0	-9.03	20.0	3.33	19.0	-9.37	15.0
22	34.44	19.0	-11.11	19.0	-2.94	19.0	-10.00	16.0
23	113.54	19.0	14.29	19.0	-11.76	19.0	-10.11	16.0

GOOSE BAY TEC 1971-1975 SEASON: WINTER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	2.50	20.0	24	-6.83	20.0	48	-4.10	20.0	72	-3.19	18.0
1	14.36	20.0	25	-1.06	20.0	49	-4.55	20.0	73	-8.13	18.0
2	25.81	20.0	26	4.73	20.0	50	-4.43	20.0	74	-5.85	18.0
3	26.11	20.0	27	-1.23	20.0	51	0.0	20.0	75	0.0	18.0
4	9.22	20.0	28	-1.67	20.0	52	-0.44	20.0	76	1.33	18.0
5	14.81	19.0	29	-10.15	20.0	53	-7.57	20.0	77	0.0	18.0
6	32.52	21.0	30	1.73	21.0	54	-2.78	20.0	78	-1.15	18.0
7	37.00	19.0	31	0.0	21.0	55	-2.42	20.0	79	-0.45	18.0
8	37.02	20.0	32	-4.17	21.0	56	-4.39	20.0	80	-4.05	18.0
9	59.22	20.0	33	-7.78	20.0	57	-6.11	20.0	81	-14.03	18.0
10	52.40	20.0	34	-2.00	19.0	58	-2.37	20.0	82	-14.69	18.0
11	62.27	20.0	35	-1.43	18.0	59	0.30	20.0	83	-10.42	17.0
12	60.14	20.0	36	0.0	19.0	60	1.67	20.0	84	-7.59	15.0
13	50.76	20.0	37	0.0	19.0	61	1.52	20.0	85	-7.63	15.0
14	31.21	20.0	38	0.0	19.0	62	-0.05	20.0	86	-4.19	15.0
15	35.10	20.0	39	0.0	19.0	63	3.85	20.0	87	0.0	15.0
16	28.34	20.0	40	9.40	18.0	64	2.97	20.0	88	1.16	16.0
17	16.81	21.0	41	10.61	18.0	65	4.17	19.0	89	0.0	16.0
18	17.17	20.0	42	12.69	18.0	66	0.0	19.0	90	0.77	15.0
19	37.36	20.0	43	0.0	19.0	67	-4.31	19.0	91	-6.88	15.0
20	34.15	20.0	44	-10.50	19.0	68	-1.91	18.0	92	-6.07	16.0
21	21.95	19.0	45	-5.13	19.0	69	0.0	18.0	93	-0.61	16.0
22	0.81	20.0	46	0.0	18.0	70	0.0	18.0	94	-6.11	16.0
23	-6.40	20.0	47	-6.59	19.0	71	4.47	18.0	95	3.37	16.0

GOOSE BAY TEC 1971-1975 SEASON: SPRING

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =13

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	******	0.0	90.13	11.0	33.24	12.0	7.05	13.0
1	******	0.0	104.27	11.0	48.07	11.0	13.55	13.0
2	******	0.0	61.09	11.0	73.70	13.0	-2.91	13.0
3	******	0.0	55.16	11.0	35.05	13.0	-9.00	13.0
4	******	0.0	51.62	10.0	18.99	12.0	-4.70	13.0
5	******	0.0	25.39	10.0	5.15	13.0	-8.48	13.0
6	******	0.0	8.09	10.0	-4.62	13.0	-9.39	13.0
7	******	0.0	-6.11	10.0	-1.92	13.0	-8.52	13.0
8	60.53	1.0	-11.25	11.0	3.64	13.0	-7.55	13.0
9	35.60	3.0	-13.38	11.0	1.02	13.0	-5.39	13.0
10	33.74	3.0	-12.35	11.0	-2.74	13.0	-9.00	13.0
11	32.60	5.0	-10.26	11.0	-1.22	13.0	-7.77	13.0
12	21.24	6.0	-3.31	11.0	-7.08	13.0	-8.77	13.0
13	29.84	5.0	-5.57	11.0	-3.59	13.0	-7.04	13.0
14	43.01	6.0	-5.03	11.0	-0.90	13.0	-7.89	13.0
15	49.41	7.0	-13.31	10.0	-4.21	13.0	-5.26	13.0
16	49.48	7.0	-11.45	10.0	-8.97	13.0	-1.99	13.0
17	13.56	8.0	-18.86	10.0	-12.48	13.0	-8.34	13.0
18	0.49	8.0	-20.47	10.0	-22.52	13.0	-14.81	13.0
19	-6.49	8.0	-17.98	9.0	-26.73	13.0	-17.71	13.0
20	-21.55	6.0	-13.17	9.0	-21.63	13.0	-1.60	13.0
21	32.86	8.0	-9.46	9.0	-12.17	13.0	3.04	13.0
22	73.69	11.0	-3.04	10.0	0.04	13.0	4.05	13.0
23	92.35	11.0	-11.75	11.0	-5.45	13.0	9.11	13.0

GOOSE BAY TEC 1971-1975 SEASON: SPRING

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	0.0	147.2	11.0	84.4	12.0	73.2	13.0
1	*****	0.0	163.5	11.0	134.2	11.0	81.4	13.0
2	*****	0.0	77.0	11.0	125.8	13.0	51.1	13.0
3	*****	0.0	60.6	11.0	70.4	13.0	44.1	13.0
4	*****	0.0	58.5	10.0	50.8	12.0	31.4	13.0
5	*****	0.0	51.5	10.0	40.6	13.0	28.0	13.0
6	*****	0.0	33.5	10.0	21.8	13.0	16.8	13.0
7	*****	0.0	13.3	10.0	25.7	13.0	13.4	13.0
8	*****	1.0	11.5	11.0	40.3	13.0	15.2	13.0
9	18.0	3.0	9.5	11.0	33.0	13.0	17.3	13.0
10	33.0	3.0	10.9	11.0	24.4	13.0	15.7	13.0
11	38.0	5.0	12.0	11.0	22.3	13.0	16.4	13.0
12	29.6	5.0	16.1	11.0	27.5	13.0	15.4	13.0
13	26.6	6.0	24.1	11.0	27.6	13.0	18.0	13.0
14	37.0	6.0	33.1	11.0	31.7	13.0	15.2	13.0
15	43.4	7.0	17.6	10.0	26.3	13.0	20.6	13.0
16	25.6	7.0	17.9	10.0	19.3	13.0	21.5	13.0
17	31.4	8.0	16.0	10.0	20.5	13.0	25.2	13.0
18	44.5	8.0	19.7	10.0	26.9	13.0	28.1	13.0
19	45.0	8.0	19.8	9.0	24.3	13.0	37.0	13.0
20	26.3	8.0	33.1	9.0	19.5	13.0	45.6	13.0
21	116.6	8.0	35.0	9.0	29.4	13.0	50.9	13.0
22	138.4	11.0	40.5	10.0	54.2	13.0	53.7	13.0
23	150.8	11.0	54.2	11.0	50.3	13.0	41.5	13.0

GOOSE BAY TEC 1971-1975 SEASON: SPRING

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =13

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	11.58	12.0	24	-9.49	11.0	48	-7.91	13.0	72	4.70	13.0
1	23.40	12.0	25	-10.37	12.0	49	-13.21	13.0	73	-0.79	13.0
2	59.55	12.0	26	3.34	12.0	50	-13.50	13.0	74	1.11	13.0
3	91.26	12.0	27	-13.76	12.0	51	-4.21	13.0	75	24.50	13.0
4	94.77	12.0	28	19.40	12.0	52	-5.33	13.0	76	4.06	13.0
5	92.52	12.0	29	8.06	12.0	53	1.16	13.0	77	1.63	13.0
6	97.28	11.0	30	-1.50	11.0	54	-3.42	13.0	78	-1.57	13.0
7	25.58	9.0	31	12.47	12.0	55	-10.58	13.0	79	-5.06	12.0
8	3.04	5.0	32	-5.37	12.0	56	-13.03	13.0	80	-7.00	13.0
9	1.42	10.0	33	-12.40	12.0	57	-15.98	13.0	81	-7.51	13.0
10	14.13	11.0	34	-19.97	12.0	58	-12.49	13.0	82	-6.79	13.0
11	15.47	11.0	35	-8.05	11.0	59	-9.47	13.0	83	-3.22	13.0
12	19.13	11.0	36	-4.21	11.0	60	-16.98	13.0	84	-4.78	13.0
13	10.40	11.0	37	9.36	12.0	61	3.44	13.0	85	-1.77	13.0
14	10.65	11.0	38	27.90	12.0	62	8.02	13.0	86	12.65	13.0
15	13.95	11.0	39	20.79	12.0	63	-1.11	13.0	87	13.63	13.0
16	10.47	11.0	40	10.33	11.0	64	1.74	13.0	88	11.85	13.0
17	9.11	11.0	41	10.95	13.0	65	-2.15	13.0	89	7.68	13.0
18	9.84	11.0	42	4.54	13.0	66	2.19	13.0	90	6.12	13.0
19	4.04	11.0	43	-3.50	13.0	67	1.55	13.0	91	6.94	13.0
20	3.45	11.0	44	-0.90	13.0	68	0.45	13.0	92	10.97	13.0
21	-4.05	11.0	45	-3.24	13.0	69	4.48	13.0	93	13.11	13.0
22	-15.47	11.0	46	1.07	13.0	70	5.21	13.0	94	13.91	13.0
23	-14.52	11.0	47	0.88	13.0	71	5.95	13.0	95	15.35	12.0

GOOSE BAY TEC 1971-1975 SEASON: SPRING

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	29.6	12.0	24	48.6	11.0	48	40.4	13.0	72	55.2	13.0
1	50.5	12.0	25	38.7	12.0	49	34.7	13.0	73	37.2	13.0
2	98.2	12.0	26	60.8	12.0	50	35.8	13.0	74	41.1	13.0
3	128.0	12.0	27	26.5	10.0	51	41.2	13.0	75	90.6	13.0
4	141.4	12.0	28	87.3	12.0	52	36.7	13.0	76	42.3	13.0
5	148.7	12.0	29	61.2	12.0	53	36.5	13.0	77	27.5	13.0
6	161.5	11.0	30	44.0	11.0	54	25.4	13.0	78	27.0	13.0
7	37.1	9.0	31	103.1	12.0	55	23.0	13.0	79	24.2	12.0
8	36.5	5.0	32	54.0	12.0	56	25.9	13.0	80	33.1	13.0
9	44.5	10.0	33	57.5	12.0	57	24.7	13.0	81	43.8	13.0
10	67.9	11.0	34	50.0	12.0	58	31.7	13.0	82	54.1	13.0
11	65.2	11.0	35	58.3	11.0	59	45.6	13.0	83	48.3	13.0
12	60.5	11.0	36	48.8	11.0	60	29.6	13.0	84	24.3	13.0
13	43.0	11.0	37	74.7	12.0	61	52.5	13.0	85	24.4	13.0
14	52.0	11.0	38	124.9	12.0	62	81.0	13.0	86	47.0	13.0
15	45.1	11.0	39	74.5	12.0	63	38.1	13.0	87	45.5	13.0
16	47.6	11.0	40	42.8	13.0	64	36.6	13.0	88	34.5	13.0
17	44.3	11.0	41	47.2	13.0	65	26.5	13.0	89	27.1	13.0
18	41.0	11.0	42	30.5	13.0	66	30.6	13.0	90	26.7	13.0
19	35.1	11.0	43	17.5	13.0	67	24.7	13.0	91	25.3	13.0
20	57.3	11.0	44	15.0	13.0	68	29.3	13.0	92	33.2	13.0
21	34.2	11.0	45	27.5	13.0	69	28.5	13.0	93	45.5	13.0
22	33.1	11.0	46	35.1	13.0	70	35.3	13.0	94	47.3	13.0
23	28.1	11.0	47	48.5	13.0	71	51.7	13.0	95	55.6	12.0

GOOSE BAY TEC 1971-1975 SEASON: SPRING

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =13

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	******	0.0	59.21	11.0	35.98	12.0	-20.75	13.0
1	******	0.0	56.57	11.0	8.33	11.0	-4.17	13.0
2	******	0.0	20.00	11.0	14.29	13.0	-7.69	13.0
3	******	0.0	3.45	11.0	21.43	13.0	-27.27	13.0
4	******	0.0	43.33	10.0	13.85	12.0	-3.33	13.0
5	******	0.0	13.24	10.0	-3.85	13.0	-13.33	13.0
6	******	0.0	-3.51	10.0	-2.86	13.0	-8.33	13.0
7	******	0.0	-5.24	10.0	-9.52	13.0	-6.41	13.0
8	50.53	1.0	-11.89	11.0	-5.45	13.0	0.0	13.0
9	55.21	3.0	-13.45	11.0	1.49	13.0	-1.49	13.0
10	40.00	3.0	-11.67	11.0	0.0	13.0	-7.79	13.0
11	26.19	5.0	-7.29	11.0	-0.41	13.0	-4.82	13.0
12	17.44	5.0	-7.69	11.0	-7.14	13.0	-4.03	13.0
13	24.34	6.0	-10.48	11.0	-8.79	13.0	-5.92	13.0
14	35.47	6.0	-11.96	11.0	-1.26	13.0	-7.55	13.0
15	34.74	7.0	-17.59	10.0	-11.24	13.0	-5.36	13.0
16	50.57	7.0	-14.56	10.0	-13.79	13.0	0.0	13.0
17	3.47	8.0	-16.61	10.0	-11.70	13.0	-15.96	13.0
18	-1.99	8.0	-32.78	10.0	-9.58	13.0	-16.57	13.0
19	-6.90	8.0	-39.81	9.0	-28.45	13.0	-5.88	13.0
20	-30.05	8.0	-29.65	9.0	-16.30	13.0	0.0	13.0
21	13.26	8.0	-45.45	9.0	-8.34	13.0	0.0	13.0
22	38.54	11.0	-45.08	10.0	-13.33	13.0	-2.33	13.0
23	52.34	11.0	-39.02	11.0	-25.00	13.0	-2.41	13.0

GOOSE BAY TEC 1971-1975 SEASON: SPRING

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	4.17	12.0	24	-17.33	11.0	48	-10.42	13.0	72	0.0	13.0
1	5.64	12.0	25	-6.10	13.0	49	-15.19	13.0	73	-4.03	13.0
2	29.45	12.0	26	-7.81	13.0	50	-20.43	13.0	74	-5.92	13.0
3	50.06	12.0	27	-4.79	13.0	51	-13.19	13.0	75	-10.26	13.0
4	58.07	12.0	28	-2.83	13.0	52	-8.57	13.0	76	-10.71	13.0
5	40.94	13.0	29	-2.80	12.0	53	0.0	13.0	77	-5.21	13.0
6	65.96	11.0	30	0.0	11.0	54	0.0	13.0	78	-2.44	13.0
7	33.33	9.0	31	-1.66	13.0	55	-10.90	13.0	79	-4.91	12.0
8	0.0	8.0	32	-11.75	12.0	56	-25.65	13.0	80	-3.28	13.0
9	-18.41	10.0	33	-23.00	12.0	57	-8.89	13.0	81	-9.09	13.0
10	-22.22	11.0	34	-29.21	12.0	58	0.0	13.0	82	-10.29	13.0
11	-13.43	11.0	35	-24.14	11.0	59	-12.00	13.0	83	-5.49	13.0
12	-5.25	11.0	36	-26.32	11.0	60	-14.29	13.0	84	-4.44	13.0
13	0.0	11.0	37	-10.74	12.0	61	-8.33	13.0	85	-4.35	13.0
14	-6.59	11.0	38	-1[illegible].34	12.0	62	-4.48	13.0	86	0.0	13.0
15	-4.17	11.0	39	-3.85	10.0	63	-4.88	13.0	87	2.80	13.0
16	-10.34	11.0	40	2.08	13.0	64	0.0	13.0	88	12.07	13.0
17	-5.41	11.0	41	-4.55	13.0	65	1.12	13.0	89	10.00	13.0
18	-3.85	11.0	42	4.03	13.0	66	0.0	13.0	90	0.0	13.0
19	-7.41	11.0	43	-4.26	13.0	67	0.0	13.0	91	5.88	13.0
20	-11.29	11.0	44	-5.21	13.0	68	-11.29	13.0	92	-0.94	13.0
21	-18.55	11.0	45	-6.43	13.0	69	0.0	13.0	93	4.03	13.0
22	-17.17	11.0	46	-7.89	13.0	70	0.0	13.0	94	1.92	13.0
23	-15.00	11.0	47	-8.06	13.0	71	0.0	13.0	95	0.0	12.0

GOOSE BAY TEC 1971-1975 SEASON: EQUINOCTAL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =24

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	27.79	1.0	65.29	21.0	10.61	23.0	11.34	24.0
1	20.69	1.0	76.10	21.0	19.52	22.0	17.43	24.0
2	6.69	1.0	54.80	21.0	33.01	24.0	8.64	24.0
3	0.0	2.0	54.37	21.0	14.33	24.0	-0.42	24.0
4	-9.04	3.0	45.59	20.0	5.43	23.0	2.05	24.0
5	-17.19	3.0	29.76	20.0	3.86	24.0	-0.95	24.0
6	18.94	7.0	5.04	20.0	-3.45	24.0	-5.43	24.0
7	9.58	3.0	-8.10	20.0	-3.33	24.0	-6.93	24.0
8	18.70	4.0	-13.54	21.0	-1.81	24.0	-3.33	24.0
9	15.73	7.0	-13.56	21.0	-1.16	23.0	-0.85	23.0
10	25.03	8.0	-15.24	21.0	-3.99	23.0	-3.95	24.0
11	37.26	11.0	-11.92	21.0	-1.50	23.0	-3.61	23.0
12	27.15	12.0	-10.52	21.0	-4.10	23.0	-3.56	23.0
13	23.33	14.0	-13.49	21.0	-3.29	23.0	-1.05	22.0
14	39.33	15.0	-12.84	21.0	0.20	24.0	1.11	23.0
15	39.25	17.0	-17.07	20.0	-3.11	24.0	0.39	22.0
16	27.09	17.0	-18.95	20.0	-5.52	24.0	-1.07	23.0
17	-1.51	15.0	-23.02	20.0	-9.37	24.0	-5.33	23.0
18	-10.83	17.0	-30.88	20.0	-17.86	24.0	-14.05	23.0
19	-16.27	17.0	-30.30	19.0	-21.79	23.0	-20.60	23.0
20	-10.79	17.0	-29.54	19.0	-15.05	24.0	-10.10	22.0
21	22.94	17.0	-34.07	19.0	-9.05	24.0	-5.87	22.0
22	48.68	20.0	-25.76	20.0	1.60	24.0	-0.79	22.0
23	68.67	19.0	-14.06	23.0	0.42	24.0	8.90	23.0

GOOSE BAY TEC 1971-1975 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	1.0	120.3	21.0	75.9	23.0	54.3	24.0
1	*****	1.0	135.0	21.0	102.0	22.0	69.5	24.0
2	*****	1.0	74.9	21.0	102.3	24.0	50.5	24.0
3	0.0	2.0	75.2	21.0	60.1	24.0	40.8	24.0
4	3.6	3.0	81.5	20.0	43.4	23.0	31.9	24.0
5	9.4	3.0	61.8	20.0	40.5	24.0	30.9	24.0
6	35.6	3.0	71.4	20.0	20.4	24.0	15.4	24.0
7	9.4	3.0	10.5	20.0	22.4	24.0	13.5	24.0
8	24.8	4.0	10.1	21.0	31.7	24.0	18.1	24.0
9	31.2	7.0	7.7	21.0	26.0	23.0	20.8	23.0
10	27.1	8.0	9.9	21.0	20.7	23.0	21.9	24.0
11	34.3	11.0	10.7	21.0	20.6	22.0	21.7	23.0
12	28.0	12.0	14.5	21.0	23.9	22.0	19.2	23.0
13	25.8	14.0	19.5	21.0	23.3	22.0	22.3	22.0
14	44.8	15.0	18.3	21.0	26.6	24.0	24.9	23.0
15	53.3	17.0	15.1	20.0	21.7	24.0	22.1	22.0
16	43.9	17.0	19.4	20.0	17.9	24.0	20.3	23.0
17	37.4	18.0	18.3	20.0	17.1	24.0	23.7	23.0
18	40.9	17.0	16.4	20.0	25.9	24.0	27.5	23.0
19	40.5	17.0	17.0	19.0	27.0	23.0	34.4	23.0
20	47.1	17.0	38.2	19.0	26.8	24.0	44.1	22.0
21	65.6	17.0	36.2	19.0	34.5	24.0	41.4	22.0
22	110.8	20.0	40.5	20.0	48.9	24.0	49.5	22.0
23	126.1	19.0	52.5	22.0	45.7	24.0	47.3	23.0

GOOSE BAY TEC 1971-1975 SEASON: EQUINOCTAL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =24

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	11.10	22.0	24	-16.48	21.0	48	-10.64	23.0	72	7.06	24.0
1	34.77	22.0	25	-13.83	22.0	49	-8.63	23.0	73	3.29	23.0
2	48.78	22.0	26	0.01	22.0	50	-7.55	23.0	74	3.05	23.0
3	59.19	22.0	27	-12.85	20.0	51	-4.08	23.0	75	13.83	23.0
4	57.71	23.0	28	3.16	22.0	52	-4.99	24.0	76	-2.94	23.0
5	54.30	22.0	29	-5.65	22.0	53	-2.85	24.0	77	-5.03	22.0
6	34.34	20.0	30	-11.22	21.0	54	-5.37	23.0	78	-7.08	23.0
7	8.08	18.0	31	2.58	22.0	55	-10.66	24.0	79	-12.58	22.0
8	10.43	18.0	32	-10.59	22.0	56	-3.94	23.0	80	-6.19	23.0
9	14.25	19.0	33	-15.16	20.0	57	-9.75	23.0	81	-5.79	23.0
10	31.55	21.0	34	-16.16	22.0	58	-6.02	23.0	82	-0.58	23.0
11	32.97	20.0	35	-1.40	21.0	59	1.23	24.0	83	-4.26	23.0
12	35.39	21.0	36	-0.19	21.0	60	-4.96	24.0	84	-5.29	22.0
13	22.31	21.0	37	0.73	23.0	61	3.75	24.0	85	-5.02	23.0
14	13.84	20.0	38	6.94	23.0	62	2.37	24.0	86	5.35	23.0
15	9.60	21.0	39	1.69	23.0	63	-5.32	24.0	87	5.82	23.0
16	4.97	21.0	40	1.72	24.0	64	-5.30	24.0	88	9.04	23.0
17	11.29	21.0	41	1.26	24.0	65	-4.23	24.0	89	9.00	22.0
18	4.37	21.0	42	-4.74	24.0	66	-2.11	24.0	90	4.05	22.0
19	3.10	21.0	43	-9.52	24.0	67	1.49	24.0	91	5.21	22.0
20	-0.43	21.0	44	-5.14	24.0	68	2.11	24.0	92	5.29	23.0
21	-11.08	21.0	45	-7.40	24.0	69	7.03	24.0	93	7.52	23.0
22	-14.38	21.0	46	-3.87	24.0	70	7.03	24.0	94	5.13	23.0
23	-15.74	21.0	47	-5.15	23.0	71	8.07	24.0	95	9.75	22.0

GOOSE BAY TEC 1971-1975 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	30.3	22.0	24	38.5	21.0	48	35.0	23.0	72	44.4	24.0
1	53.9	22.0	25	32.2	22.0	49	42.5	23.0	73	37.2	23.0
2	81.1	22.0	26	53.0	22.0	50	32.4	23.0	74	36.2	23.0
3	100.5	22.0	27	28.4	20.0	51	35.3	23.0	75	75.7	23.0
4	112.3	23.0	28	55.1	22.0	52	33.1	24.0	76	35.1	23.0
5	116.6	22.0	29	41.4	22.0	53	31.9	24.0	77	26.5	22.0
6	138.5	20.0	30	35.2	21.0	54	22.5	23.0	78	25.7	23.0
7	42.0	18.0	31	29.7	22.0	55	18.8	24.0	79	26.0	22.0
8	58.7	18.0	32	45.5	22.0	56	26.7	23.0	80	28.5	23.0
9	71.5	19.0	33	44.6	20.0	57	28.5	23.0	81	43.8	23.0
10	79.6	21.0	34	41.6	22.0	58	32.9	23.0	82	53.8	23.0
11	56.7	20.0	35	55.5	21.0	59	47.9	24.0	83	40.0	23.0
12	78.1	21.0	36	46.6	21.0	60	39.0	24.0	84	26.6	22.0
13	57.1	21.0	37	50.7	23.0	61	54.0	24.0	85	22.2	23.0
14	55.3	20.0	38	94.1	23.0	62	61.2	24.0	86	40.9	23.0
15	45.1	21.0	39	60.0	23.0	63	38.0	24.0	87	38.1	23.0
16	47.7	21.0	40	44.5	24.0	64	34.1	24.0	88	28.8	23.0
17	46.8	21.0	41	34.4	24.0	65	34.6	24.0	89	25.0	22.0
18	35.2	21.0	42	31.0	24.0	66	28.5	24.0	90	22.2	22.0
19	34.8	21.0	43	20.2	24.0	67	30.8	24.0	91	24.9	22.0
20	47.7	21.0	44	19.1	24.0	68	30.8	24.0	92	31.7	23.0
21	37.6	21.0	45	24.9	24.0	69	34.6	24.0	93	40.7	23.0
22	31.4	21.0	46	30.0	24.0	70	33.0	24.0	94	40.7	23.0
23	29.4	21.0	47	40.1	23.0	71	42.5	24.0	95	50.3	22.0

GOOSE BAY TEC 1971-1975 SEASON: EQUINOCTAL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =24

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	27.78	1.0	42.86	21.0	-21.43	23.0	-4.17	24.0
1	20.89	1.0	61.76	21.0	-2.94	23.0	-1.67	24.0
2	9.09	1.0	40.00	21.0	-1.14	24.0	-1.92	24.0
3	0.0	2.0	22.86	21.0	-0.98	24.0	-5.55	24.0
4	-11.11	3.0	24.05	20.0	-7.14	23.0	0.0	24.0
5	-18.52	3.0	10.24	20.0	-10.10	24.0	2.27	24.0
6	0.0	3.0	-1.43	20.0	-10.00	24.0	-4.52	24.0
7	4.05	3.0	-7.06	20.0	-8.75	24.0	-5.78	24.0
8	7.14	4.0	-14.71	21.0	-6.45	24.0	-0.55	24.0
9	4.45	7.0	-13.74	21.0	0.0	23.0	-1.49	23.0
10	25.77	8.0	-18.62	21.0	-1.67	23.0	-3.57	24.0
11	27.83	11.0	-15.22	21.0	-2.01	22.0	-4.35	23.0
12	21.26	12.0	-13.71	21.0	-3.79	22.0	-2.04	23.0
13	20.47	14.0	-15.45	21.0	-3.33	22.0	-3.20	22.0
14	21.48	15.0	-16.19	21.0	-0.63	24.0	0.0	23.0
15	28.57	17.0	-18.81	20.0	-5.35	24.0	0.55	22.0
16	38.67	17.0	-17.27	20.0	-9.20	24.0	0.0	23.0
17	-5.19	18.0	-22.35	20.0	-11.14	24.0	-7.08	23.0
18	-17.39	17.0	-30.87	20.0	-5.28	24.0	-16.20	23.0
19	-13.79	17.0	-39.81	19.0	-20.83	23.0	-18.42	23.0
20	-31.11	17.0	-36.84	19.0	-13.56	24.0	-4.39	22.0
21	0.0	17.0	-34.26	19.0	-6.13	24.0	-5.11	22.0
22	27.49	20.0	-34.79	20.0	-3.35	24.0	-6.27	22.0
23	34.15	19.0	-32.85	22.0	-5.27	24.0	-3.50	23.0

GOOSE BAY TEC 1971-1975 SEASON: EQUINOCTAL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	1.30	22.0	24	-18.24	21.0	48	-19.57	23.0	72	0.0	24.0
1	6.71	22.0	25	-18.03	23.0	49	-19.68	23.0	73	0.0	23.0
2	21.73	22.0	26	-8.46	22.0	50	-14.71	23.0	74	0.0	23.0
3	34.10	22.0	27	-18.28	20.0	51	-13.10	23.0	75	-3.30	23.0
4	21.01	22.0	28	-12.94	22.0	52	-5.45	24.0	76	-10.71	23.0
5	22.78	22.0	29	-16.88	22.0	53	-6.28	24.0	77	-5.63	22.0
6	18.10	20.0	30	-17.89	21.0	54	-7.78	23.0	78	-2.44	23.0
7	9.12	19.0	31	-9.64	22.0	55	-9.89	24.0	79	-5.12	22.0
8	0.0	18.0	32	-16.07	22.0	56	-10.53	23.0	80	-7.98	23.0
9	-6.49	19.0	33	-28.47	22.0	57	-5.66	23.0	81	-9.09	23.0
10	10.12	21.0	34	-24.35	22.0	58	0.0	23.0	82	-5.96	23.0
11	0.54	20.0	35	-7.55	21.0	59	-0.75	24.0	83	-6.67	23.0
12	3.88	21.0	36	-9.52	21.0	60	-5.34	24.0	84	-7.12	22.0
13	10.91	22.0	37	-7.69	23.0	61	-2.77	24.0	85	-4.35	23.0
14	16.02	20.0	38	-13.33	23.0	62	-2.82	24.0	86	-0.72	23.0
15	-4.17	21.0	39	-7.69	23.0	63	-7.47	24.0	87	1.67	23.0
16	-10.34	21.0	40	-5.47	24.0	64	-2.08	24.0	88	7.61	23.0
17	-6.92	21.0	41	-6.53	24.0	65	0.0	24.0	89	7.03	22.0
18	0.0	21.0	42	-10.71	24.0	66	-2.26	24.0	90	0.0	22.0
19	-2.22	21.0	43	-8.29	24.0	67	-1.67	24.0	91	0.0	22.0
20	-15.63	21.0	44	-5.97	24.0	68	-2.82	24.0	92	-3.85	23.0
21	-20.35	21.0	45	-6.75	24.0	69	2.41	24.0	93	-4.23	23.0
22	-20.97	21.0	46	-6.89	24.0	70	1.21	24.0	94	0.0	23.0
23	-22.09	21.0	47	-9.09	23.0	71	0.85	24.0	95	0.0	22.0

TABLE 2B

TABULATED VALUES FOR AVERAGE AND MEDIAN
STORM PATTERNS

ST. JOHN'S NMAX DATA

ST. JOHN'S NMAX 71-75 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DAILY VARIATIONS (SD) **** = NO DATA # ANALYZED THIS RUN = 65

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	49.40	5.0	20.06	35.0	-10.82	27.0	-7.65	35.0
1	14.93	4.0	16.83	29.0	-7.24	23.0	-11.16	30.0
2	25.58	5.0	17.57	26.0	-13.13	23.0	-8.72	27.0
3	28.04	7.0	1.15	23.0	-4.20	17.0	-2.93	20.0
4	13.84	8.0	3.42	21.0	-15.02	23.0	-4.91	27.0
5	9.07	8.0	-6.08	25.0	-19.03	25.0	-7.35	37.0
6	2.77	12.0	-14.17	34.0	-11.26	33.0	-1.51	41.0
7	-0.70	14.0	-15.62	47.0	-10.27	55.0	1.41	51.0
8	1.82	17.0	-20.39	51.0	-3.24	53.0	-2.05	55.0
9	0.46	23.0	-24.43	47.0	-3.70	49.0	-5.01	51.0
10	3.65	25.0	-22.78	45.0	-1.80	50.0	-4.98	45.0
11	18.31	31.0	-20.55	43.0	-6.26	53.0	-1.54	44.0
12	15.50	32.0	-21.54	45.0	-5.90	51.0	-4.55	44.0
13	24.66	35.0	-17.86	40.0	2.32	43.0	-2.07	45.0
14	19.80	39.0	-17.77	53.0	-0.66	51.0	-1.98	49.0
15	16.78	44.0	-15.07	50.0	-0.65	56.0	-1.28	53.0
16	11.15	47.0	-13.30	53.0	-3.54	56.0	-0.80	54.0
17	9.32	44.0	-19.53	50.0	-1.37	57.0	-5.01	55.0
18	-13.50	41.0	-24.63	51.0	-7.14	56.0	-4.31	54.0
19	-13.02	42.0	-33.73	45.0	-7.55	53.0	-1.13	51.0
20	-13.17	40.0	-37.70	30.0	-12.98	52.0	-3.47	49.0
21	5.41	37.0	-31.29	39.0	-15.74	49.0	-3.55	46.0
22	12.10	36.0	-24.52	35.0	-11.69	42.0	-4.19	45.0
23	12.37	40.0	-13.93	32.0	-3.48	39.0	1.23	43.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	78.0	5.0	73.3	35.0	56.5	27.0	45.8	35.0
1	45.9	4.0	62.7	29.0	52.3	23.0	47.7	30.0
2	54.9	5.0	57.8	26.0	41.2	23.0	43.9	27.0
3	35.0	7.0	31.9	23.0	34.5	17.0	44.7	20.0
4	35.5	8.0	30.9	23.0	27.2	23.0	38.3	27.0
5	47.3	8.0	31.6	25.0	22.1	25.0	35.8	37.0
6	25.5	12.0	25.4	34.0	24.0	35.0	33.0	41.0
7	15.2	14.0	23.6	47.0	25.0	55.0	26.8	51.0
8	23.9	17.0	25.4	51.0	31.1	50.0	28.6	50.0
9	21.7	23.0	27.5	47.0	27.7	49.0	30.3	51.0
10	23.9	25.0	25.4	45.0	30.0	50.0	27.3	45.0
11	38.7	31.0	24.0	43.0	26.8	53.0	28.0	44.0
12	27.5	32.0	23.8	45.0	24.9	51.0	25.0	44.0
13	40.5	36.0	28.1	43.0	25.5	49.0	24.1	40.0
14	40.5	39.0	37.5	52.0	24.5	53.0	22.7	49.0
15	33.5	44.0	34.4	50.0	25.3	56.0	23.8	53.0
16	42.3	47.0	31.6	53.0	24.3	58.0	25.7	54.0
17	38.3	44.0	31.4	50.0	30.7	59.0	34.5	55.0
18	36.7	44.0	30.8	51.0	32.7	56.0	32.8	54.0
19	35.2	42.0	42.0	45.0	35.0	53.0	39.8	51.0
20	46.7	40.0	41.2	39.0	36.7	50.0	43.7	48.0
21	56.4	37.0	45.4	39.0	37.4	49.0	39.2	45.0
22	54.0	36.0	60.0	35.0	41.7	42.0	39.4	45.0
23	63.4	40.0	60.4	32.0	47.0	39.0	40.0	43.0

ST. JOHN'S NMAX 71-75 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DST VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 95

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	5.17	57.0	24	-28.84	40.0	48	-9.01	45.0	72	0.45	48.0
1	4.42	54.0	25	-23.10	40.0	49	-9.17	44.0	73	-5.06	48.0
2	12.35	54.0	26	-21.78	39.0	50	-11.15	48.0	74	-7.29	47.0
3	4.46	54.0	27	-18.06	42.0	51	-7.02	49.0	75	-7.73	45.0
4	15.85	48.0	28	-21.27	37.0	52	-7.46	48.0	76	-5.44	48.0
5	12.04	43.0	29	-23.29	40.0	53	-11.88	47.0	77	-6.59	49.0
6	14.24	43.0	30	-25.10	41.0	54	-11.00	49.0	78	-7.59	44.0
7	-1.30	48.0	31	-25.00	43.0	55	-5.50	47.0	79	-5.69	48.0
8	-1.73	47.0	32	-20.48	38.0	56	-6.54	45.0	80	-4.77	46.0
9	3.51	47.0	33	-21.64	38.0	57	-8.40	48.0	81	-5.49	45.0
10	6.75	44.0	34	-22.55	40.0	58	-6.20	45.0	82	-4.17	43.0
11	16.87	39.0	35	-13.51	38.0	59	-6.24	47.0	83	3.41	43.0
12	9.52	40.0	36	-13.80	39.0	60	-5.00	43.0	84	2.61	47.0
13	1.74	45.0	37	-10.30	39.0	61	-2.94	43.0	85	-0.53	42.0
14	1.49	40.0	38	-5.24	38.0	62	-1.67	40.0	86	0.84	44.0
15	-3.02	40.0	39	-3.83	39.0	63	-5.50	46.0	87	5.62	44.0
16	-11.45	37.0	40	-0.51	37.0	64	-4.45	45.0	88	0.05	46.0
17	-15.91	35.0	41	-2.96	39.0	65	0.43	39.0	89	5.28	43.0
18	-18.10	37.0	42	-3.11	40.0	66	1.45	41.0	90	9.51	39.0
19	-14.57	41.0	43	-9.74	39.0	67	1.39	45.0	91	10.32	43.0
20	-17.56	37.0	44	-12.64	47.0	68	-3.40	48.0	92	9.75	45.0
21	-17.05	40.0	45	-5.00	44.0	69	-1.51	48.0	93	1.11	52.0
22	-27.26	40.0	46	-12.66	47.0	70	-0.75	46.0	94	0.90	49.0
23	-26.94	37.0	47	-9.19	48.0	71	-0.65	46.0	95	4.00	51.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	31.4	57.0	24	27.0	40.0	48	33.3	45.0	72	35.8	48.0
1	27.4	54.0	25	32.1	40.0	49	30.8	44.0	73	34.2	48.0
2	36.6	54.0	26	29.5	39.0	50	29.2	48.0	74	36.2	47.0
3	33.2	54.0	27	36.[illegible]	42.0	51	30.7	49.0	75	35.1	45.0
4	53.0	48.0	28	33.1	37.0	52	31.0	48.0	76	29.5	48.0
5	74.5	48.0	29	33.0	42.0	53	29.1	47.0	77	30.1	49.0
6	53.9	48.0	30	38.0	41.0	54	33.4	49.0	78	25.5	44.0
7	49.7	44.0	31	33.9	43.0	55	37.8	47.0	79	23.5	48.0
8	40.8	47.0	32	33.4	38.0	56	27.5	45.0	80	23.5	46.0
9	51.8	47.0	33	40.1	38.0	57	32.7	48.0	81	31.3	46.0
10	43.1	44.0	34	41.5	40.0	58	35.3	45.0	82	34.0	43.0
11	54.5	39.0	35	45.4	38.0	59	34.5	47.0	83	28.1	43.0
12	45.3	40.0	36	40.0	39.0	60	36.4	43.0	84	30.7	47.0
13	49.7	45.0	37	45.2	39.0	61	33.1	43.0	85	28.1	42.0
14	44.2	40.0	38	40.0	38.0	62	30.5	40.0	86	33.4	44.0
15	36.1	42.0	39	41.1	39.0	63	28.3	46.0	87	33.4	44.0
16	33.8	37.0	40	43.1	37.0	64	30.0	42.0	88	25.1	45.0
17	28.7	35.0	41	42.3	39.0	65	40.0	39.0	89	32.9	43.0
18	35.7	37.0	42	37.5	40.0	66	34.7	41.0	90	32.0	39.0
19	40.3	41.0	43	37.5	39.0	67	34.0	45.0	91	39.2	43.0
20	37.4	37.0	44	30.9	47.0	68	36.6	46.0	92	33.7	45.0
21	32.6	40.0	45	31.3	44.0	69	37.5	48.0	93	28.9	52.0
22	35.9	40.0	46	34.4	47.0	70	35.0	46.0	94	30.6	49.0
23	28.8	37.0	47	31.1	48.0	71	37.8	48.0	95	35.1	51.0

ST. JOHNS NMAX 71-75 GEOMAGNETIC STORM ANAYLSIS

MEDIAN DAILY VARIATIONS 4444 = NO DATA % ANALYZED THIS RUN = 65

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	26.57	6.0	0.50	35.0	-33.28	27.0	-15.63	35.0
1	30.53	4.0	-7.81	28.0	-15.79	22.0	-20.50	30.0
2	11.97	5.0	1.80	26.0	-27.07	23.0	-27.07	27.0
3	17.05	7.0	3.09	23.0	-10.57	17.0	-15.17	20.0
4	5.74	8.0	-0.64	23.0	-14.45	20.0	-15.13	27.0
5	-0.70	8.0	-10.35	35.0	-13.94	25.0	-15.13	37.0
6	-2.01	12.0	-15.31	34.0	-14.59	35.0	-3.49	41.0
7	-0.11	14.0	-15.94	47.0	-13.46	55.0	-0.25	51.0
8	0.09	17.0	-24.01	51.0	-13.07	50.0	-2.05	55.0
9	-3.70	23.0	-31.37	47.0	-10.64	43.0	-10.14	51.0
10	0.60	25.0	-26.15	45.0	-3.74	50.0	-0.70	45.0
11	10.33	31.0	-26.00	43.0	-5.95	52.0	1.00	44.0
12	3.04	32.0	-27.07	45.0	-4.45	51.0	-0.79	44.0
13	17.14	35.0	-19.45	42.0	0.81	46.0	0.57	46.0
14	7.05	39.0	-25.08	52.0	-3.91	53.0	0.55	49.0
15	19.27	44.0	-18.72	50.0	-7.35	56.0	-4.02	51.0
16	5.01	47.0	-21.49	53.0	-2.05	53.0	-4.15	54.0
17	5.29	44.0	-28.59	52.0	0.81	53.0	-8.34	55.0
18	-15.01	44.0	-36.32	51.0	-0.60	50.0	-0.59	54.0
19	-21.71	42.0	-45.24	45.0	-6.24	53.0	-0.64	51.0
20	-17.54	40.0	-54.19	39.0	-13.33	50.0	-7.77	48.0
21	-4.02	37.0	-40.78	39.0	-17.95	49.0	-0.54	45.0
22	1.00	36.0	-37.97	35.0	-21.11	42.0	-5.24	45.0
23	4.84	40.0	-23.77	32.0	-17.29	39.0	-2.37	43.0

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	0.38	57.0	24	-32.41	40.0	48	-14.89	45.0	72	0.13	48.0
1	2.46	54.0	25	-29.50	40.0	49	-3.96	44.0	73	-5.05	48.0
2	1.05	54.0	26	-26.00	39.0	50	-12.35	48.0	74	-3.44	47.0
3	0.58	54.0	27	-25.67	42.0	51	-11.27	49.0	75	-3.05	45.0
4	2.35	48.0	28	-23.53	37.0	52	-6.74	48.0	76	-8.20	48.0
5	1.25	44.0	29	-13.38	42.0	53	-13.61	47.0	77	-3.49	49.0
6	-0.35	44.0	30	-35.66	41.0	54	-18.16	49.0	78	-8.21	44.0
7	-0.74	43.0	31	-27.07	43.0	55	-3.77	47.0	79	-2.50	48.0
8	1.51	47.0	32	-30.52	38.0	56	-3.35	45.0	80	-5.24	45.0
9	-9.25	47.0	33	-28.27	34.0	57	-9.25	43.0	81	-1.36	46.0
10	4.11	44.0	34	-10.00	40.0	58	-7.21	46.0	82	-0.74	43.0
11	7.20	39.0	35	-21.11	38.0	59	-0.70	47.0	83	0.50	43.0
12	1.36	40.0	36	-18.09	39.0	60	-15.30	43.0	84	0.50	47.0
13	-13.41	45.0	37	-14.63	39.0	61	-3.07	43.0	85	1.00	42.0
14	-5.98	42.0	38	-6.61	38.0	62	-3.28	40.0	86	-4.70	44.0
15	-10.55	40.0	39	-5.45	39.0	63	-8.87	46.0	87	0.15	44.0
16	-17.29	37.0	40	-2.03	37.0	64	-13.70	42.0	88	-1.04	45.0
17	-24.70	36.0	41	-9.37	39.0	65	2.72	39.0	89	0.05	43.0
18	-23.71	37.0	42	-10.50	40.0	66	0.50	41.0	90	2.83	39.0
19	-26.15	41.0	43	-14.21	33.0	67	-3.37	45.0	91	0.97	43.0
20	-21.37	37.0	44	-14.11	47.0	68	-4.21	45.0	92	0.50	45.0
21	-19.32	43.0	45	-10.77	44.0	69	-4.10	48.0	93	0.71	52.0
22	-31.12	40.0	46	-15.61	47.0	70	-0.55	45.0	94	0.55	49.0
23	-31.37	37.0	47	-17.72	48.0	71	-1.73	49.0	95	-0.55	51.0

ST. JOHN'S NMAX 71-75 SEASON: SUMMER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	20.02	2.0	-36.70	11.0	-35.12	13.0	-21.95	18.0
1	-0.78	2.0	-17.01	10.0	-35.00	13.0	-22.07	16.0
2	30.55	3.0	6.18	9.0	-28.95	11.0	-22.90	14.0
3	32.51	3.0	5.86	9.0	-16.39	6.0	-9.86	12.0
4	2.32	3.0	-5.31	11.0	-19.73	13.0	-12.19	17.0
5	-6.15	3.0	-17.37	13.0	-19.70	15.0	-12.39	20.0
6	-5.19	3.0	-17.26	14.0	-14.97	14.0	-4.04	19.0
7	4.87	3.0	-16.22	10.0	-18.75	15.0	-2.08	12.0
8	-6.77	3.0	-19.58	12.0	-20.27	14.0	-3.90	15.0
9	-1.71	5.0	-22.75	7.0	-17.29	12.0	-14.30	16.0
10	-9.11	3.0	-20.04	9.0	-6.72	10.0	-1.34	12.0
11	-13.32	5.0	-25.08	8.0	-9.67	11.0	5.39	9.0
12	-8.58	5.0	-15.47	7.0	-10.35	11.0	-0.85	11.0
13	-9.88	6.0	-19.53	9.0	-3.30	11.0	5.31	10.0
14	-7.23	5.0	-24.52	13.0	-4.33	17.0	-6.98	16.0
15	4.86	13.0	-5.65	11.0	3.25	17.0	0.09	19.0
16	10.04	14.0	-15.78	16.0	-5.76	17.0	-3.32	19.0
17	7.93	15.0	-21.22	19.0	1.98	19.0	-3.40	21.0
18	-7.85	15.0	-24.37	15.0	-6.14	21.0	-0.60	21.0
19	-9.57	15.0	-40.03	17.0	-5.39	20.0	-1.74	21.0
20	-27.78	15.0	-51.60	16.0	-21.40	19.0	-3.87	21.0
21	-15.40	12.0	-48.91	16.0	-26.74	20.0	-8.05	21.0
22	-14.08	13.0	-48.28	16.0	-23.01	18.0	-3.40	20.0
23	-19.40	16.0	-45.75	12.0	-22.96	17.0	-2.34	18.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	58.5	2.0	21.7	11.0	30.5	13.0	32.0	18.0
1	60.1	2.0	29.4	10.0	31.2	13.0	22.7	16.0
2	70.2	3.0	37.5	9.0	25.2	11.0	27.5	14.0
3	43.2	3.0	40.1	9.0	7.4	6.0	35.3	12.0
4	10.4	3.0	25.7	11.0	25.9	13.0	26.4	17.0
5	18.5	3.0	25.9	13.0	12.4	15.0	21.6	20.0
6	8.0	3.0	30.0	14.0	16.9	14.0	22.3	19.0
7	24.7	2.0	35.4	12.0	18.4	15.0	24.1	13.0
8	33.7	3.0	25.2	12.0	21.3	14.0	22.8	15.0
9	24.2	5.0	20.6	7.0	19.2	12.0	20.1	16.0
10	9.7	3.0	21.9	9.0	18.5	12.0	18.0	12.0
11	11.3	5.0	25.0	8.0	22.0	11.0	11.5	9.0
12	13.4	5.0	24.5	7.0	18.9	11.0	16.3	11.0
13	13.5	6.0	14.4	9.0	18.5	11.0	8.0	10.0
14	15.4	5.0	28.0	13.0	15.0	13.0	21.1	16.0
15	21.4	13.0	34.0	11.0	25.3	17.0	16.9	19.0
16	26.5	14.0	25.0	16.0	19.0	17.0	15.0	19.0
17	15.3	15.0	36.4	19.0	24.8	19.0	24.4	21.0
18	24.6	15.0	30.9	16.0	31.4	21.0	25.5	21.0
19	26.3	15.0	27.5	17.0	30.5	20.0	30.5	21.0
20	42.1	15.0	32.3	16.0	32.9	19.0	39.2	21.0
21	38.7	12.0	29.1	16.0	37.1	20.0	40.7	21.0
22	33.8	13.0	32.3	16.0	34.4	18.0	34.8	20.0
23	39.6	16.0	28.7	12.0	33.0	17.0	38.0	18.0

ST. JOHN'S NMAX 71-75 SEASON: SUMMER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	-3.48	19.0	24	-36.51	10.0	48	-20.08	16.0	72	-10.31	18.0
1	-4.81	19.0	25	-41.78	11.0	49	-19.49	15.0	73	-8.80	20.0
2	3.22	19.0	26	-35.41	11.0	50	-12.91	16.0	74	-10.19	18.0
3	-2.91	19.0	27	-24.55	13.0	51	-18.00	16.0	75	-12.90	19.0
4	4.32	15.0	28	-14.27	10.0	52	-12.72	16.0	76	-11.53	19.0
5	3.28	16.0	29	-26.00	13.0	53	-18.74	16.0	77	-8.18	18.0
6	5.76	15.0	30	-33.54	15.0	54	-16.48	17.0	78	-5.49	18.0
7	-7.11	14.0	31	-30.89	17.0	55	-17.19	13.0	79	-9.82	19.0
8	-5.19	14.0	32	-30.69	13.0	56	-13.69	15.0	80	1.01	14.0
9	-17.85	15.0	33	-14.12	14.0	57	-12.24	16.0	81	-1.29	13.0
10	-6.75	13.0	34	-36.84	10.0	58	-15.82	16.0	82	-1.61	15.0
11	-14.57	10.0	35	-30.35	12.0	59	-12.43	13.0	83	9.46	16.0
12	-5.90	10.0	36	-32.93	14.0	60	-15.92	18.0	84	-3.68	19.0
13	-22.55	13.0	37	-31.70	15.0	61	-7.33	15.0	85	-2.51	18.0
14	-9.56	13.0	38	-29.44	15.0	62	-7.14	17.0	86	1.65	17.0
15	4.21	10.0	39	-18.01	16.0	63	-3.48	17.0	87	4.38	16.0
16	5.27	5.0	40	-15.07	13.0	64	-0.80	17.0	88	-3.49	18.0
17	-14.15	11.0	41	-18.76	13.0	65	-3.69	14.0	89	1.57	16.0
18	-34.37	11.0	42	-11.94	14.0	66	7.73	13.0	90	-3.96	15.0
19	-10.11	13.0	43	-7.07	13.0	67	-0.35	16.0	91	-0.45	16.0
20	-27.85	11.0	44	-15.26	16.0	68	-0.42	13.0	92	-0.35	16.0
21	-24.03	11.0	45	-14.18	14.0	69	-4.01	16.0	93	-9.27	19.0
22	-32.56	11.0	46	-18.22	17.0	70	-5.59	17.0	94	-5.77	17.0
23	-27.17	11.0	47	-14.72	17.0	71	-8.59	19.0	95	0.45	21.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	21.5	19.0	24	36.5	10.0	48	32.2	16.0	72	26.1	18.0
1	17.9	19.0	25	31.7	11.0	49	28.0	15.0	73	32.4	20.0
2	26.7	19.0	26	29.2	11.0	50	28.9	16.0	74	31.0	18.0
3	23.2	19.0	27	39.5	13.0	51	29.1	16.0	75	30.3	19.0
4	24.5	15.0	28	35.8	10.0	52	30.4	16.0	76	25.9	19.0
5	42.0	16.0	29	34.8	13.0	53	26.5	16.0	77	26.8	18.0
6	45.7	15.0	30	34.7	15.0	54	35.8	17.0	78	33.4	18.0
7	43.8	14.0	31	21.1	17.0	55	35.5	13.0	79	27.9	19.0
8	45.8	14.0	32	23.0	13.0	56	32.5	15.0	80	28.3	14.0
9	47.4	15.0	33	22.0	14.0	57	36.3	16.0	81	24.5	18.0
10	46.0	13.0	34	23.6	15.0	58	29.2	16.0	82	29.7	15.0
11	43.3	10.0	35	27.0	12.0	59	28.0	19.0	83	32.6	16.0
12	34.9	10.0	36	24.5	14.0	60	26.1	18.0	84	24.0	19.0
13	24.2	13.0	37	26.3	16.0	61	29.0	15.0	85	25.1	18.0
14	34.1	13.0	38	30.3	15.0	62	25.9	17.0	86	28.8	17.0
15	36.0	10.0	39	25.8	16.0	63	23.4	17.0	87	19.0	16.0
16	38.5	5.0	40	27.0	13.0	64	30.3	17.0	88	15.5	18.0
17	26.7	11.0	41	24.5	13.0	65	26.2	14.0	89	19.5	16.0
18	23.7	11.0	42	19.0	14.0	66	31.4	13.0	90	19.0	15.0
19	21.9	12.0	43	23.4	13.0	67	21.0	16.0	91	17.2	16.0
20	25.8	11.0	44	20.3	16.0	68	27.7	13.0	92	22.0	16.0
21	26.1	11.0	45	20.3	14.0	69	28.1	15.0	93	20.3	19.0
22	20.1	11.0	46	21.7	17.0	70	20.8	17.0	94	27.8	17.0
23	23.4	11.0	47	25.5	17.0	71	24.2	19.0	95	22.3	21.0

ST. JOHN'S NMAX 71-75 SEASON: SUMMER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	20.07	2.0	-29.86	11.0	-35.15	13.0	-23.79	18.0
1	-0.71	2.0	-18.19	10.0	-39.21	13.0	-20.60	16.0
2	-14.21	3.0	-11.87	9.0	-29.25	11.0	-29.30	14.0
3	11.85	3.0	2.09	9.0	-10.25	6.0	-15.17	12.0
4	2.00	3.0	-3.73	11.0	-16.13	13.0	-20.50	17.0
5	-14.34	3.0	-14.11	13.0	-20.01	15.0	-19.39	20.0
6	-5.71	3.0	-22.53	14.0	-15.37	14.0	-8.15	15.0
7	4.87	2.0	-23.74	12.0	-25.15	15.0	-5.30	12.0
8	-24.53	3.0	-28.21	10.0	-28.21	14.0	-5.94	15.0
9	-3.70	5.0	-40.28	7.0	-19.24	12.0	-10.44	16.0
10	-12.49	3.0	-30.48	3.0	-4.97	12.0	5.21	12.0
11	-15.03	5.0	-32.56	8.0	0.08	11.0	4.10	7.0
12	-1.52	5.0	-12.39	7.0	-12.07	11.0	-3.44	11.0
13	-11.40	8.0	-19.01	9.0	0.81	11.0	3.98	10.0
14	-9.14	8.0	-25.40	13.0	-3.91	13.0	-5.04	16.0
15	0.50	13.0	-14.07	11.0	-1.43	17.0	-2.27	19.0
16	11.13	14.0	-19.13	16.0	-3.07	17.0	-4.15	19.0
17	5.39	15.0	-28.31	19.0	2.39	19.0	-8.29	21.0
18	-3.77	15.0	-37.48	16.0	-3.72	21.0	-0.24	21.0
19	-3.89	13.0	-47.29	17.0	-5.02	20.0	-1.23	21.0
20	-46.38	15.0	-57.48	16.0	-24.94	19.0	-0.53	21.0
21	-7.31	12.0	-56.74	15.0	-33.80	20.0	-1.23	21.0
22	-13.05	13.0	-51.92	16.0	-34.75	18.0	-4.71	20.0
22	-30.82	15.0	-49.63	12.0	-28.29	17.0	-2.57	18.0

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-14.23	19.0	24	-20.07	10.0	48	-25.43	16.0	72	-7.03	18.0
1	-14.79	19.0	25	-30.48	11.0	49	-21.51	15.0	73	-2.59	20.0
2	-0.53	19.0	26	-31.54	11.0	50	-14.47	16.0	74	-7.77	18.0
3	-3.73	19.0	27	-26.70	13.0	51	-17.28	16.0	75	-5.09	19.0
4	-6.47	15.0	28	-6.91	10.0	52	-8.81	16.0	76	-11.77	19.0
5	-1.29	16.0	29	-35.58	13.0	53	-20.96	15.0	77	-3.51	18.0
6	-3.49	16.0	30	-47.23	17.0	54	-13.74	17.0	78	-9.57	18.0
7	-18.35	14.0	31	-34.76	17.0	55	-17.98	13.0	79	-9.47	19.0
8	-9.71	14.0	32	-31.54	13.0	56	-23.46	15.0	80	0.09	14.0
9	-24.53	15.0	33	-38.54	14.0	57	-14.37	15.0	81	1.07	18.0
10	0.80	13.0	34	-35.56	15.0	58	-13.58	16.0	82	-3.07	15.0
11	-14.45	10.0	35	-27.08	12.0	59	-3.92	13.0	83	0.09	15.0
12	-10.75	10.0	36	-34.18	14.0	60	-20.50	18.0	84	-10.36	19.0
13	-24.94	13.0	37	-29.43	15.0	61	-3.77	15.0	85	-5.77	18.0
14	-27.24	13.0	38	-23.43	15.0	62	-3.49	17.0	86	-5.01	17.0
15	1.19	10.0	39	-12.26	16.0	63	-7.23	17.0	87	-0.14	16.0
16	-7.38	8.0	40	-6.91	13.0	64	-16.13	17.0	88	-3.35	18.0
17	-15.07	11.0	41	-21.08	17.0	65	7.59	14.0	89	-3.07	16.0
18	-15.38	11.0	42	-19.63	14.0	66	8.00	17.0	90	-5.42	15.0
19	-20.94	12.0	43	-3.38	13.0	67	-1.64	16.0	91	0.29	15.0
20	-35.40	11.0	44	-16.74	16.0	68	-0.65	13.0	92	-3.20	16.0
21	-17.46	11.0	45	-13.45	14.0	69	-5.55	16.0	93	-5.18	19.0
22	-35.38	11.0	46	-20.87	17.0	70	-1.33	17.0	94	-6.05	17.0
23	-34.37	11.0	47	-18.95	17.0	71	-5.70	18.0	95	-0.74	21.0

ST. JOHN'S NMAX 71-75 SEASON: FALL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	41.16	1.0	9.13	5.0	-24.21	4.0	-9.14	7.0
1	41.16	1.0	-13.53	4.0	20.21	1.0	-29.49	6.0
2	*****	0.0	2.50	3.0	-32.77	3.0	-18.97	5.0
3	1.19	2.0	8.92	3.0	3.09	1.0	-37.22	2.0
4	-7.09	3.0	0.61	2.0	*****	0.0	-19.50	1.0
5	-8.84	2.0	-13.67	3.0	-23.29	2.0	-23.33	5.0
6	-4.94	4.0	-24.18	7.0	-14.31	10.0	-10.32	10.0
7	-8.46	4.0	-25.35	7.0	-2.97	11.0	7.82	11.0
8	-5.31	4.0	-28.91	9.0	13.17	8.0	2.55	11.0
9	-3.96	5.0	-31.26	10.0	-2.39	5.0	13.32	10.0
10	-2.14	6.0	-35.26	9.0	4.22	8.0	8.55	9.0
11	17.46	7.0	-39.37	9.0	-11.19	10.0	7.72	10.0
12	21.78	7.0	-30.05	9.0	-7.73	10.0	2.41	10.0
13	26.75	8.0	-31.05	9.0	1.20	8.0	-1.98	10.0
14	17.91	8.0	-30.90	9.0	2.59	10.0	16.20	7.0
15	19.41	8.0	-20.50	10.0	2.21	10.0	6.85	9.0
16	25.07	8.0	-23.91	11.0	5.58	11.0	15.45	10.0
17	15.50	7.0	-33.30	10.0	-4.10	11.0	-1.20	9.0
18	-21.04	8.0	-45.04	11.0	-12.59	11.0	-21.89	9.0
19	-23.04	7.0	-44.58	10.0	-17.48	11.0	-13.92	9.0
20	3.20	5.0	-52.39	10.0	-21.27	11.0	-19.74	9.0
21	-27.95	5.0	-47.41	8.0	-10.12	10.0	-19.37	7.0
22	-24.89	7.0	-39.60	6.0	-1.72	8.0	-18.90	8.0
23	-15.03	4.0	-11.30	7.0	0.01	9.0	-8.50	7.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	1.0	39.1	4.0	22.7	4.0	70.8	7.0
1	*****	1.0	14.5	4.0	*****	1.0	19.5	6.0
2	*****	0.0	38.0	3.0	5.2	3.0	20.3	5.0
3	11.9	2.0	27.8	3.0	*****	1.0	5.8	2.0
4	12.8	3.0	10.2	2.0	*****	0.0	*****	1.0
5	15.5	2.0	19.3	3.0	32.5	2.0	12.4	5.0
6	14.1	4.0	11.4	7.0	19.8	10.0	18.5	10.0
7	8.3	4.0	17.0	7.0	30.3	11.0	33.4	11.0
8	20.0	4.0	22.9	9.0	22.0	8.0	36.4	11.0
9	15.0	5.0	23.9	10.0	20.5	8.0	39.4	10.0
10	18.5	6.0	30.6	9.0	38.3	8.0	41.8	9.0
11	34.8	7.0	33.2	9.0	71.5	10.0	37.7	10.0
12	22.1	7.0	28.2	9.0	30.7	10.0	54.3	10.0
13	23.7	8.0	21.8	9.0	37.4	8.0	32.2	10.0
14	28.6	8.0	20.4	9.0	37.1	10.0	23.3	7.0
15	38.7	8.0	28.6	10.0	38.8	10.0	31.3	9.0
16	40.0	8.0	23.1	11.0	26.7	11.0	37.8	10.0
17	41.0	7.0	24.0	10.0	28.7	11.0	40.0	9.0
18	31.8	8.0	22.5	11.0	24.1	11.0	31.5	9.0
19	28.2	7.0	16.4	10.0	37.3	11.0	41.1	9.0
20	28.2	5.0	18.1	10.0	33.4	11.0	54.7	9.0
21	24.3	5.0	29.3	8.0	28.7	10.0	22.5	7.0
22	24.8	7.0	21.1	6.0	34.4	8.0	35.5	8.0
23	22.0	4.0	15.0	7.0	28.3	9.0	43.0	7.0

ST. JOHN'S NMAX 71-75 SEASON: FALL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	-2.86	9.0	24	-46.06	7.0	48	-01.49	5.0	72	13.24	7.0
1	-0.80	8.0	25	-37.50	5.0	49	-20.27	8.0	73	2.03	8.0
2	10.25	9.0	26	-40.67	5.0	50	-24.08	6.0	74	-0.27	7.0
3	11.07	9.0	27	-31.66	7.0	51	-11.10	8.0	75	-3.40	7.0
4	7.47	8.0	28	-46.99	7.0	52	-3.94	9.0	76	-13.34	7.0
5	-24.17	9.0	29	-43.20	8.0	53	-13.25	9.0	77	-16.50	9.0
6	-15.39	8.0	30	-40.53	9.0	54	-15.66	10.0	78	-11.57	8.0
7	-17.05	8.0	31	-35.67	6.0	55	-7.96	10.0	79	1.76	7.0
8	-17.25	7.0	32	-30.19	9.0	56	-10.06	10.0	80	-12.55	10.0
9	5.41	8.0	33	-26.00	8.0	57	-9.45	10.0	81	-10.85	10.0
10	3.42	7.0	34	-20.95	9.0	58	-6.90	11.0	82	10.31	8.0
11	15.07	9.0	35	-12.96	9.0	59	-2.58	9.0	83	2.59	10.0
12	19.31	8.0	36	-17.24	9.0	60	16.08	6.0	84	10.07	8.0
13	20.72	8.0	37	-35.84	8.0	61	-4.21	8.0	85	-0.49	6.0
14	26.49	8.0	38	-5.94	4.0	62	3.21	5.0	86	-1.23	8.0
15	-5.05	7.0	39	-31.20	6.0	63	-28.90	8.0	87	-3.84	8.0
16	-5.64	7.0	40	-14.03	5.0	64	-21.45	8.0	88	-0.58	8.0
17	-6.57	7.0	41	-22.54	7.0	65	-10.25	6.0	89	5.40	8.0
18	-25.95	7.0	42	-17.10	6.0	66	-1.11	7.0	90	11.02	7.0
19	-19.04	9.0	43	-25.90	8.0	67	1.50	9.0	91	-4.05	9.0
20	-26.35	7.0	44	-27.66	10.0	68	-2.52	11.0	92	5.04	8.0
21	-24.51	9.0	45	-19.80	7.0	69	6.33	10.0	93	-10.02	10.0
22	-37.15	7.0	46	-19.50	4.0	70	4.45	7.0	94	-9.89	10.0
23	-38.94	4.0	47	-13.25	7.0	71	6.78	6.0	95	-4.24	9.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	25.7	9.0	24	10.4	7.0	48	24.9	5.0	72	32.0	7.0
1	19.9	8.0	25	21.0	5.0	49	28.5	8.0	73	27.0	8.0
2	33.8	9.0	26	12.3	5.0	50	32.7	8.0	74	30.7	7.0
3	21.5	9.0	27	18.3	7.0	51	23.7	8.0	75	37.0	7.0
4	20.9	8.0	28	6.0	7.0	52	28.5	8.0	76	25.0	7.0
5	24.5	9.0	29	17.0	8.0	53	30.1	9.0	77	34.5	9.0
6	20.0	8.0	30	27.1	9.0	54	28.3	10.0	78	22.4	8.0
7	19.1	8.0	31	25.5	6.0	55	34.7	10.0	79	20.9	7.0
8	44.3	7.0	32	20.6	9.0	56	25.1	10.0	80	71.9	10.0
9	32.2	8.0	33	21.6	8.0	57	25.5	10.0	81	35.9	10.0
10	31.4	7.0	34	31.3	9.0	58	32.3	11.0	82	21.2	8.0
11	34.3	8.0	35	31.0	9.0	59	39.7	9.0	83	25.4	10.0
12	41.5	8.0	36	30.8	9.0	60	45.1	6.0	84	38.9	8.0
13	52.5	8.0	37	21.7	8.0	61	28.7	8.0	85	37.4	6.0
14	35.7	8.0	38	29.7	4.0	62	32.5	5.0	86	44.1	8.0
15	42.5	7.0	39	47.0	6.0	63	30.1	8.0	87	44.0	8.0
16	37.9	7.0	40	31.3	5.0	64	34.1	8.0	88	35.0	8.0
17	28.2	7.0	41	32.1	7.0	65	37.4	6.0	89	24.5	8.0
18	24.9	7.0	42	14.4	6.0	66	31.2	7.0	90	28.5	7.0
19	36.8	9.0	43	11.5	8.0	67	34.3	9.0	91	19.4	9.0
20	28.3	7.0	44	27.0	10.0	68	35.0	11.0	92	24.2	8.0
21	31.6	9.0	45	21.0	7.0	69	32.7	10.0	93	29.9	10.0
22	19.0	7.0	46	28.3	4.0	70	30.2	7.0	94	33.4	10.0
23	17.1	4.0	47	27.2	7.0	71	36.4	6.0	95	55.4	9.0

ST. JOHN'S NMAX 71-76 SEASON: FALL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO. STORMS	SD2	NO. STORMS	SD3	NO. STORMS	SD4	NO. STORMS
0	41.15	1.0	2.40	6.0	-36.79	4.0	-9.55	7.0
1	4.16	1.0	-14.07	4.0	29.21	1.0	-22.77	6.0
2	*****	0.0	3.45	3.0	-29.10	7.0	-29.10	5.0
3	1.19	2.0	10.91	3.0	2.03	1.0	-37.22	3.0
4	-8.81	3.0	0.61	2.0	*****	0.0	-19.50	1.0
5	-5.84	2.0	-23.46	3.0	-28.39	3.0	-24.94	5.0
6	-12.04	4.0	-20.50	7.0	-15.39	10.0	-1.88	10.0
7	-10.43	4.0	-24.50	7.0	-4.41	11.0	3.50	11.0
8	-13.70	4.0	-23.48	9.0	17.27	8.0	-10.84	11.0
9	-6.95	5.0	-37.95	10.0	-1.41	8.0	4.35	10.0
10	-7.62	6.0	-46.52	9.0	7.57	8.0	2.45	9.0
11	6.08	7.0	-34.46	9.0	-4.46	10.0	15.50	10.0
12	23.52	7.0	-40.41	9.0	-6.53	10.0	5.91	10.0
13	28.67	8.0	-34.37	9.0	2.06	8.0	0.86	10.0
14	15.40	8.0	-30.62	9.0	4.37	10.0	23.72	7.0
15	17.35	8.0	-40.28	10.0	-6.01	10.0	11.78	9.0
16	16.34	8.0	-23.38	11.0	3.78	11.0	20.00	10.0
17	7.11	7.0	-31.52	10.0	12.34	11.0	2.39	9.0
18	-18.35	8.0	-47.10	11.0	-17.02	11.0	-23.55	9.0
19	-33.92	7.0	-49.17	10.0	-20.90	11.0	-26.80	9.0
20	-1.33	5.0	-61.61	10.0	-20.30	11.0	-35.48	9.0
21	-10.43	8.0	-54.59	8.0	-1.43	10.0	-23.76	7.0
22	-34.37	7.0	-32.99	6.0	-1.13	8.0	-22.63	8.0
23	-14.76	4.0	-10.67	7.0	-2.73	9.0	-9.56	7.0

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-18.22	9.0	24	-48.81	7.0	48	-29.51	5.0	72	15.17	7.0
1	1.94	8.0	25	-35.72	5.0	49	-31.48	9.0	73	0.81	9.0
2	0.35	9.0	26	-40.69	5.0	50	-35.02	8.0	74	-0.26	7.0
3	15.22	9.0	27	-33.63	7.0	51	-20.86	8.0	75	-4.71	7.0
4	-1.84	8.0	28	-46.93	7.0	52	-14.15	8.0	76	-10.54	7.0
5	-20.52	9.0	29	-50.65	8.0	53	-3.77	9.0	77	-15.13	9.0
6	-10.55	8.0	30	-46.63	9.0	54	-31.19	10.0	78	-10.00	8.0
7	-19.87	8.0	31	-37.27	6.0	55	-8.16	10.0	79	-5.47	7.0
8	-13.94	7.0	32	-33.00	9.0	56	-5.58	10.0	80	-3.53	10.0
9	-3.07	8.0	33	-27.74	8.0	57	-3.27	10.0	81	-11.86	10.0
10	3.39	7.0	34	-15.63	9.0	58	-2.73	11.0	82	4.96	8.0
11	17.12	8.0	35	-29.10	9.0	59	7.36	9.0	83	3.50	10.0
12	13.10	8.0	36	-10.02	9.0	60	38.41	6.0	84	15.42	8.0
13	17.84	8.0	37	-29.60	8.0	61	3.84	8.0	85	4.02	6.0
14	20.55	5.0	38	1.52	4.0	62	12.84	5.0	86	0.85	5.0
15	13.36	7.0	39	-17.01	6.0	63	-35.68	8.0	87	-14.01	8.0
16	-5.14	7.0	40	-7.69	6.0	64	-28.31	8.0	88	-6.80	8.0
17	-24.77	7.0	41	-15.08	7.0	65	-15.22	6.0	89	-0.33	8.0
18	-39.70	7.0	42	-15.36	6.0	66	2.50	7.0	90	0.50	7.0
19	-20.50	9.0	43	-24.03	8.0	67	6.16	9.0	91	-3.49	9.0
20	-43.41	7.0	44	-29.75	10.0	68	0.50	11.0	92	2.22	8.0
21	-21.40	8.0	45	-22.46	7.0	69	-3.55	10.0	93	-14.63	10.0
22	-37.09	7.0	46	-18.74	8.0	70	-13.69	7.0	94	-15.03	10.0
23	-34.14	4.0	47	-26.48	7.0	71	6.75	6.0	95	-31.74	9.0

ST. JOHN'S NMAX 71-75 SEASON: WINTER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	71.73	3.0	43.06	12.0	68.85	5.0	35.87	6.0
1	00.10	1.0	48.07	9.0	48.92	6.0	61.11	4.0
2	20.59	9.0	25.94	8.0	26.34	7.0	31.29	5.0
3	54.87	2.0	-1.15	7.0	3.00	8.0	39.64	4.0
4	54.55	3.0	4.31	7.0	3.11	6.0	31.14	5.0
5	34.30	3.0	32.24	4.0	8.37	3.0	33.58	5.0
6	13.71	3.0	16.84	5.0	-2.97	5.0	25.61	7.0
7	1.63	5.0	-19.98	19.0	-6.57	21.0	-1.91	19.0
8	3.98	9.0	-17.00	20.0	-1.22	20.0	-0.42	19.0
9	-1.77	10.0	-14.69	21.0	-5.62	21.0	-6.01	17.0
10	3.73	13.0	-15.21	21.0	-3.78	21.0	-10.98	16.0
11	25.93	13.0	-10.35	19.0	-3.29	21.0	-9.45	16.0
12	18.57	15.0	-11.25	20.0	-2.85	21.0	-5.57	13.0
13	38.74	17.0	-5.90	17.0	5.92	20.0	-4.30	16.0
14	34.68	19.0	0.70	21.0	1.29	20.0	-3.55	15.0
15	20.85	18.0	-3.25	20.0	-0.38	19.0	-3.51	15.0
16	0.35	20.0	2.33	20.0	-0.65	20.0	-5.02	15.0
17	3.05	16.0	1.06	17.0	5.75	10.0	-4.74	17.0
18	-37.04	15.0	1.51	16.0	-7.83	15.0	10.07	14.0
19	-30.19	15.0	-0.68	10.0	-0.02	13.0	16.07	13.0
20	-0.60	14.0	17.34	8.0	4.50	14.0	15.58	10.0
21	39.46	15.0	16.36	9.0	5.73	10.0	17.36	9.0
22	58.21	12.0	37.93	8.0	17.74	8.0	19.55	9.0
23	47.12	14.0	36.85	9.0	32.65	8.0	17.61	11.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	93.5	3.0	50.2	12.0	58.0	6.0	69.2	6.0
1	*****	1.0	34.4	9.0	72.1	6.0	83.5	4.0
2	8.6	2.0	40.4	8.0	38.3	7.0	63.5	5.0
3	7.9	2.0	24.2	7.0	23.9	8.0	56.5	4.0
4	46.4	2.0	25.5	7.0	14.8	6.0	55.1	5.0
5	59.5	3.0	23.0	4.0	15.4	3.0	63.8	5.0
6	32.0	5.0	9.1	5.0	35.2	5.0	55.0	7.0
7	14.1	8.0	24.5	19.0	25.2	21.0	28.7	19.0
8	17.2	9.0	39.7	20.0	32.8	20.0	28.0	19.0
9	17.1	10.0	29.9	21.0	25.9	21.0	30.6	17.0
10	20.0	13.0	31.1	21.0	33.2	21.0	21.0	16.0
11	47.2	15.0	32.7	19.0	22.1	21.0	25.9	16.0
12	43.5	16.0	38.9	20.0	10.3	21.0	23.4	15.0
13	47.9	17.0	32.8	17.0	21.4	20.0	23.8	16.0
14	43.2	19.0	47.0	21.0	20.9	20.0	18.4	16.0
15	37.0	18.0	36.9	20.0	22.5	19.0	19.8	15.0
16	48.4	20.0	36.8	20.0	27.3	20.0	27.2	15.0
17	83.5	15.0	36.8	17.0	50.0	19.0	42.3	17.0
18	37.7	15.0	45.5	15.0	36.5	16.0	35.4	14.0
19	35.7	15.0	63.8	10.0	34.0	13.0	53.9	13.0
20	47.0	14.0	58.0	8.0	40.3	14.0	44.5	10.0
21	57.8	15.0	54.0	9.0	38.8	10.0	34.8	9.0
22	84.5	12.0	48.3	8.0	32.5	8.0	45.4	9.0
23	51.9	14.0	52.6	9.0	59.0	8.0	45.4	11.0

ST. JOHN'S NMAX 71-75 SEASON: WINTER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =02

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	14.46	19.0	24	-19.26	14.0	48	-1.91	16.0	72	8.93	15.0
1	15.03	19.0	25	-15.41	17.0	49	-0.80	15.0	73	0.07	12.0
2	13.75	19.0	26	-8.24	16.0	50	-5.82	18.0	74	-2.59	14.0
3	10.15	18.0	27	-2.67	15.0	51	6.00	18.0	75	2.40	13.0
4	20.54	17.0	28	-0.72	14.0	52	-2.32	19.0	76	10.29	14.0
5	39.80	15.0	29	5.50	15.0	53	-1.98	15.0	77	3.68	14.0
6	15.44	17.0	30	13.45	12.0	54	-2.64	15.0	78	-5.40	11.0
7	-3.03	18.0	31	-6.64	13.0	55	9.23	15.0	79	2.53	14.0
8	9.43	19.0	32	-1.61	11.0	56	5.31	14.0	80	2.62	13.0
9	31.73	15.0	33	7.24	10.0	57	3.19	14.0	81	-6.95	10.0
10	32.30	16.0	34	5.36	10.0	58	5.85	12.0	82	-11.76	12.0
11	44.54	15.0	35	15.41	11.0	59	3.57	12.0	83	-1.85	11.0
12	24.69	13.0	36	17.98	10.0	60	2.11	12.0	84	4.37	12.0
13	23.80	17.0	37	30.24	11.0	61	8.31	13.0	85	-1.09	10.0
14	16.01	16.0	38	20.58	17.0	62	17.92	9.0	86	6.93	14.0
15	4.50	18.0	39	26.81	11.0	63	5.52	13.0	87	10.85	12.0
16	-11.31	16.0	40	23.11	15.0	64	4.41	10.0	88	4.69	13.0
17	-18.72	13.0	41	30.77	13.0	65	12.24	12.0	89	23.69	12.0
18	-5.10	13.0	42	12.21	14.0	66	1.14	14.0	90	30.86	11.0
19	10.03	12.0	43	-3.73	12.0	67	10.91	12.0	91	41.60	11.0
20	7.49	13.0	44	-4.55	16.0	68	-1.70	14.0	92	12.65	13.0
21	0.75	13.0	45	-0.58	15.0	69	1.14	13.0	93	12.00	14.0
22	-14.47	14.0	46	-5.43	15.0	70	8.97	14.0	94	8.08	12.0
23	-15.84	13.0	47	-5.70	14.0	71	12.00	14.0	95	1.52	12.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	35.0	19.0	24	29.2	14.0	48	32.7	16.0	72	44.1	15.0
1	37.5	19.0	25	34.6	17.0	49	19.2	15.0	73	47.0	12.0
2	37.7	19.0	26	29.8	16.0	50	20.0	18.0	74	54.7	14.0
3	38.9	18.0	27	35.9	15.0	51	37.5	18.0	75	43.7	13.0
4	51.7	17.0	28	30.4	14.0	52	29.0	19.0	76	32.0	14.0
5	71.9	15.0	29	35.4	15.0	53	24.5	15.0	77	34.8	14.0
6	73.6	17.0	30	45.9	12.0	54	11.9	15.0	78	15.5	11.0
7	41.1	18.0	31	40.7	13.0	55	30.5	16.0	79	16.0	14.0
8	43.8	19.0	32	54.3	11.0	56	19.9	14.0	80	28.8	13.0
9	31.5	15.0	33	53.7	10.0	57	25.2	14.0	81	33.5	10.0
10	37.9	16.0	34	56.5	10.0	58	47.1	12.0	82	43.6	12.0
11	54.7	15.0	35	61.2	11.0	59	30.7	12.0	83	28.9	11.0
12	42.8	15.0	36	61.0	10.0	60	44.7	12.0	84	34.7	10.0
13	51.7	17.0	37	57.6	11.0	61	39.6	13.0	85	29.5	10.0
14	46.8	16.0	38	42.8	13.0	62	28.9	9.0	86	35.5	14.0
15	31.0	18.0	39	49.5	11.0	63	29.0	13.0	87	40.5	12.0
16	32.9	16.0	40	51.3	12.0	64	36.3	10.0	88	28.5	13.0
17	36.5	13.0	41	56.3	13.0	65	55.3	12.0	89	44.3	12.0
18	51.1	13.0	42	34.3	14.0	66	42.7	14.0	90	37.4	11.0
19	36.0	12.0	43	35.5	12.0	67	48.9	12.0	91	60.3	11.0
20	40.4	13.0	44	31.7	14.0	68	50.2	14.0	92	36.0	13.0
21	37.9	13.0	45	24.9	15.0	69	56.5	13.0	93	27.6	14.0
22	31.8	14.0	46	25.7	15.0	70	53.4	14.0	94	22.5	12.0
23	32.8	13.0	47	24.2	14.0	71	51.0	14.0	95	12.9	12.0

ST. JOHN'S NMAX 71-75 SEASON: WINTER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	11.97	3.0	37.48	12.0	71.57	6.0	16.04	6.0
1	30.10	1.0	64.08	9.0	41.81	6.0	58.76	4.0
2	20.59	2.0	19.30	8.0	11.97	7.0	11.66	5.0
3	50.87	2.0	-0.74	7.0	5.75	8.0	24.79	4.0
4	60.55	2.0	2.09	7.0	0.67	6.0	11.97	5.0
5	9.43	1.0	34.30	4.0	0.08	3.0	10.68	5.0
6	2.09	5.0	10.23	5.0	-14.01	5.0	0.50	7.0
7	1.00	8.0	-14.84	19.0	-3.49	21.0	-5.71	19.0
8	9.30	9.0	-20.38	20.0	-11.75	20.0	-0.43	19.0
9	1.09	10.0	-14.58	21.0	-5.17	21.0	-11.60	17.0
10	2.01	13.0	-13.59	21.0	-0.74	21.0	-3.59	15.0
11	13.06	15.0	-12.42	19.0	-5.09	21.0	-1.47	15.0
12	3.71	16.0	-6.41	20.0	-3.44	21.0	-0.36	15.0
13	25.42	17.0	-10.37	17.0	2.89	20.0	-1.35	16.0
14	10.81	19.0	-0.29	21.0	-3.24	20.0	0.21	16.0
15	27.00	18.0	-3.22	22.0	-8.17	19.0	-8.17	16.0
16	-1.84	20.0	7.26	20.0	-2.05	20.0	-11.59	15.0
17	-9.77	16.0	-0.49	17.0	4.43	19.0	-0.59	17.0
18	-49.51	15.0	3.89	16.0	-0.47	15.0	11.81	14.0
19	-29.10	15.0	-10.63	10.0	-4.84	13.0	-0.64	13.0
20	-14.84	14.0	-6.84	8.0	-0.70	14.0	2.75	10.0
21	71.37	13.0	-3.07	9.0	-6.47	10.0	4.04	9.0
22	37.53	12.0	40.89	8.0	-1.02	8.0	0.50	9.0
23	41.25	14.0	24.07	9.0	18.02	8.0	0.08	11.0

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	7.37	19.0	24	-20.89	14.0	43	-5.93	15.0	72	11.68	15.0
1	10.81	19.0	25	-15.40	17.0	49	3.04	15.0	73	-6.93	12.0
2	1.51	19.0	26	-4.93	15.0	50	-6.59	18.0	74	-3.11	14.0
3	5.37	18.0	27	-3.16	15.0	51	6.60	18.0	75	0.65	13.0
4	19.82	17.0	28	-1.84	14.0	52	-0.47	19.0	76	9.28	14.0
5	10.73	15.0	29	-2.29	15.0	53	-10.84	15.0	77	3.36	14.0
6	-2.75	17.0	30	3.54	18.0	54	-9.52	15.0	78	-5.18	11.0
7	-3.99	19.0	31	-6.95	15.0	55	-9.35	16.0	79	-0.08	14.0
8	3.04	19.0	32	-17.17	11.0	56	7.67	14.0	80	-5.71	13.0
9	4.84	16.0	33	-10.31	10.0	57	-7.17	14.0	81	-9.37	10.0
10	32.57	16.0	34	-9.01	10.0	58	-4.45	12.0	82	-35.06	12.0
11	23.54	15.0	35	10.78	11.0	59	0.03	12.0	83	-3.50	11.0
12	15.17	15.0	36	2.21	10.0	60	-16.04	12.0	84	1.33	12.0
13	24.07	17.0	37	21.33	11.0	61	10.30	13.0	85	0.80	10.0
14	4.54	15.0	38	26.41	13.0	62	2.39	9.0	86	-3.04	14.0
15	-0.13	18.0	39	11.66	11.0	63	-3.07	13.0	87	4.57	12.0
16	-21.32	14.0	40	25.17	12.0	64	-5.10	10.0	88	2.09	13.0
17	-25.29	13.0	41	12.46	13.0	65	3.78	12.0	89	12.22	12.0
18	-47.71	13.0	42	10.89	14.0	66	-4.08	14.0	90	19.52	11.0
19	-0.41	13.0	43	-4.78	12.0	67	-0.35	12.0	91	34.03	11.0
20	-4.02	11.0	44	-4.94	14.0	68	-5.42	14.0	92	7.50	13.0
21	-12.37	13.0	45	-6.81	15.0	69	-3.14	13.0	93	7.40	14.0
22	-16.53	14.0	46	-13.10	15.0	70	3.71	14.0	94	5.43	13.0
23	-29.75	13.0	47	-0.74	14.0	71	2.72	14.0	95	2.38	12.0

ST. JOHNS VMAX 71-75 SEASON: SPRING

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	*****	0.0	76.62	6.0	-37.37	4.0	-6.99	4.0
1	*****	0.0	53.58	6.0	-13.46	2.0	-12.09	4.0
2	*****	0.0	40.90	6.0	-35.31	2.0	-7.50	2.0
3	*****	0.0	-9.76	4.0	0.42	2.0	-12.18	2.0
4	*****	0.0	30.54	3.0	-30.83	3.0	-19.33	4.0
5	*****	0.0	-3.63	5.0	-20.69	5.0	-19.20	5.0
6	*****	0.0	-19.28	8.0	-4.43	6.0	-10.07	8.0
7	*****	0.0	-24.27	9.0	-13.83	8.0	5.25	9.0
8	49.77	1.0	-31.44	10.0	-7.25	8.0	-7.25	10.0
9	18.90	3.0	-38.36	9.0	2.04	8.0	-7.20	9.0
10	31.45	3.0	-31.60	7.0	4.01	9.0	-13.77	8.0
11	30.00	4.0	-31.75	7.0	-4.03	10.0	-5.20	9.0
12	22.34	4.0	-41.10	9.0	-10.35	9.0	-11.36	8.0
13	31.41	7.0	-35.11	7.0	-8.49	9.0	-9.99	10.0
14	35.39	4.0	-38.01	9.0	-3.13	10.0	-7.37	10.0
15	28.08	5.0	-42.51	7.0	-10.59	10.0	-7.70	10.0
16	35.40	5.0	-30.58	6.0	-3.07	10.0	-4.43	10.0
17	25.57	6.0	-41.11	6.0	-10.40	10.0	-13.05	9.0
18	-10.07	6.0	-49.55	5.0	-1.43	9.0	-16.41	10.0
19	-20.41	7.0	-57.49	8.0	-7.62	9.0	-13.04	8.0
20	-24.41	5.0	-50.54	5.0	-13.66	8.0	-8.05	9.0
21	-10.69	3.0	-39.06	5.0	-21.33	9.0	-2.21	9.0
22	23.55	4.0	-30.08	5.0	-26.53	8.0	-5.55	8.0
23	26.62	7.0	-28.56	4.0	-11.36	5.0	-5.50	7.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	0.0	135.6	5.0	35.5	4.0	39.3	4.0
1	*****	0.0	105.5	5.0	34.2	2.0	28.6	4.0
2	*****	0.0	86.7	6.0	45.1	2.0	25.3	2.0
3	*****	0.0	16.3	4.0	80.5	2.0	27.0	2.0
4	*****	0.0	46.3	3.0	44.5	3.0	31.1	4.0
5	*****	0.0	30.1	5.0	27.0	5.0	19.7	5.0
6	*****	0.0	17.8	8.0	28.5	6.0	25.4	9.0
7	*****	0.0	14.6	9.0	20.9	8.0	23.7	9.0
8	*****	1.0	13.2	10.0	37.2	8.0	30.4	10.0
9	31.7	3.0	25.0	9.0	41.7	9.0	27.3	9.0
10	35.7	3.0	5.3	7.0	44.8	9.0	22.2	9.0
11	38.9	4.0	7.4	7.0	34.0	10.0	25.2	9.0
12	30.1	4.0	20.5	9.0	27.0	9.0	31.2	8.0
13	32.8	7.0	14.2	7.0	28.4	9.0	23.2	10.0
14	41.7	4.0	14.5	9.0	29.5	10.0	23.8	10.0
15	27.7	5.0	10.3	7.0	24.5	10.0	29.0	10.0
16	31.8	5.0	13.1	6.0	27.8	10.0	24.2	10.0
17	14.2	6.0	7.9	6.0	71.5	10.0	32.4	9.0
18	44.1	6.0	27.0	8.0	39.3	9.0	33.0	10.0
19	46.9	7.0	24.2	8.0	46.2	9.0	30.5	9.0
20	55.2	6.0	24.0	5.0	37.3	8.0	36.7	8.0
21	43.5	5.0	23.3	5.0	33.4	9.0	37.0	9.0
22	22.0	4.0	34.1	5.0	31.2	8.0	34.5	9.0
23	44.4	7.0	41.4	4.0	32.4	5.0	27.0	7.0

ST. JOHN'S NMAX 71-75 SEASON: SPRING

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	11.20	10.0	24	-32.24	9.0	48	1.68	8.0	72	-2.44	8.0
1	8.05	9.0	25	-33.59	7.0	49	10.49	6.0	73	-10.47	8.0
2	38.00	7.0	26	-33.55	7.0	50	-5.23	9.0	74	-15.13	8.0
3	15.21	8.0	27	-25.60	7.0	51	-16.99	7.0	75	-17.21	7.0
4	41.45	8.0	28	-36.85	6.0	52	-17.45	5.0	76	-11.57	8.0
5	60.94	8.0	29	-26.91	9.0	53	-14.89	7.0	77	-8.14	8.0
6	55.11	9.0	30	-24.62	5.0	54	-14.52	7.0	78	-11.90	7.0
7	27.37	9.0	31	-37.75	7.0	55	-10.89	8.0	79	-16.45	8.0
8	-7.37	7.0	32	-35.94	5.0	56	-8.61	7.0	80	-15.76	9.0
9	-9.84	9.0	33	-34.81	6.0	57	-14.41	8.0	81	-6.38	8.0
10	-12.72	9.0	34	-36.59	6.0	58	-12.66	7.0	82	-12.10	8.0
11	-10.01	6.0	35	-34.01	5.0	59	-22.10	7.0	83	-2.09	5.0
12	-9.87	7.0	36	-15.33	6.0	60	-12.70	7.0	84	7.44	8.0
13	-25.59	7.0	37	-10.71	5.0	61	-12.39	7.0	85	4.62	8.0
14	-33.90	6.0	38	-6.44	6.0	62	-13.22	3.0	86	-5.90	8.0
15	-30.68	7.0	39	-2.93	6.0	63	-9.84	8.0	87	9.71	8.0
16	-30.47	6.0	40	-0.48	6.0	64	-6.57	7.0	88	7.33	7.0
17	-30.00	5.0	41	-1.51	6.0	65	-2.14	7.0	89	0.49	7.0
18	-35.03	6.0	42	-6.58	6.0	66	-3.37	7.0	90	2.27	9.0
19	-41.49	8.0	43	-4.66	6.0	67	-9.51	8.0	91	7.98	7.0
20	-42.76	6.0	44	-1.33	7.0	68	-8.80	8.0	92	29.93	8.0
21	-28.83	8.0	45	10.76	8.0	69	-10.12	9.0	93	18.45	7.0
22	-27.18	8.0	46	-5.70	7.0	70	-8.46	8.0	94	13.24	10.0
23	-31.87	9.0	47	-1.64	10.0	71	-9.96	10.0	95	23.82	9.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	38.7	10.0	24	25.7	9.0	48	47.9	8.0	72	35.2	8.0
1	16.4	9.0	25	28.5	7.0	49	44.8	6.0	73	21.6	8.0
2	45.5	7.0	26	22.3	7.0	50	40.5	6.0	74	20.5	8.0
3	45.2	8.0	27	35.4	7.0	51	31.0	7.0	75	23.2	7.0
4	87.4	8.0	28	28.1	6.0	52	41.2	5.0	76	24.5	8.0
5	120.8	8.0	29	52.9	6.0	53	35.7	7.0	77	15.6	8.0
6	79.4	8.0	30	37.7	5.0	54	36.7	7.0	78	24.2	7.0
7	76.8	8.0	31	30.2	7.0	55	33.1	3.0	79	18.9	8.0
8	41.3	7.0	32	29.6	5.0	56	25.5	7.0	80	25.6	9.0
9	47.4	9.0	33	28.0	6.0	57	35.0	8.0	81	33.4	8.0
10	39.1	8.0	34	32.7	6.0	58	33.4	7.0	82	37.0	8.0
11	44.0	6.0	35	33.7	6.0	59	37.8	7.0	83	20.6	5.0
12	48.2	7.0	36	31.4	6.0	60	17.4	7.0	84	27.5	8.0
13	39.7	7.0	37	17.2	5.0	61	23.6	7.0	85	27.1	8.0
14	25.8	6.0	38	24.5	6.0	62	25.3	6.0	86	23.3	8.0
15	25.0	7.0	39	27.6	6.0	63	20.9	8.0	87	31.5	8.0
16	20.8	8.0	40	20.8	6.0	64	37.1	7.0	88	21.7	7.0
17	13.9	5.0	41	21.3	6.0	65	31.8	7.0	89	27.5	7.0
18	13.0	6.0	42	20.3	6.0	66	27.3	7.0	90	31.5	6.0
19	24.7	8.0	43	23.3	6.0	67	25.7	8.0	91	29.1	7.0
20	24.5	6.0	44	28.8	7.0	68	21.5	8.0	92	46.5	8.0
21	30.6	8.0	45	36.4	8.0	69	23.0	9.0	93	31.2	9.0
22	20.0	8.0	46	29.8	7.0	70	29.9	8.0	94	34.2	10.0
23	23.9	9.0	47	45.7	10.0	71	31.9	10.0	95	47.7	9.0

ST. JOHN'S NMAX 71-75 SEASON: SPRING

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	******	0.0	10.10	6.0	-47.04	4.0	-17.21	4.0
1	******	0.0	-8.81	5.0	-13.45	2.0	-14.37	4.0
2	******	0.0	24.78	6.0	-35.71	2.0	-3.82	2.0
3	******	0.0	-3.95	4.0	0.42	2.0	-12.18	2.0
4	******	0.0	-0.64	3.0	-53.81	3.0	-23.91	4.0
5	******	0.0	13.50	8.0	-37.22	5.0	-20.74	6.0
6	******	0.0	-15.20	8.0	-6.33	6.0	-3.15	8.0
7	******	0.0	-13.67	9.0	-22.69	8.0	0.39	9.0
8	44.77	1.0	-26.45	10.0	-3.12	8.0	-7.08	10.0
9	2.83	3.0	-33.92	9.0	-0.47	8.0	-0.44	8.0
10	25.51	3.0	-32.05	7.0	-0.24	9.0	-3.52	8.0
11	27.13	4.0	-36.26	7.0	-11.93	10.0	-3.47	9.0
12	14.11	4.0	-35.96	9.0	-17.17	9.0	-11.15	8.0
13	45.14	3.0	-27.05	7.0	-8.54	9.0	-3.40	10.0
14	15.42	4.0	-32.70	9.0	-3.43	10.0	-5.79	10.0
15	22.75	5.0	-45.00	7.0	-11.86	10.0	-13.31	10.0
16	34.58	5.0	-30.98	6.0	-15.22	10.0	-5.89	10.0
17	26.71	5.0	-39.21	5.0	-11.43	10.0	-36.29	9.0
18	-15.15	5.0	-48.70	8.0	1.37	9.0	-21.31	10.0
19	-25.47	7.0	-53.32	8.0	1.16	9.0	-0.25	8.0
20	-41.70	6.0	-55.37	5.0	-14.14	8.0	-3.74	8.0
21	-9.93	3.0	-50.23	6.0	-24.61	9.0	0.50	9.0
22	17.19	4.0	-20.60	5.0	-37.47	8.0	-3.81	8.0
23	10.78	7.0	-35.37	4.0	-11.57	6.0	-5.47	7.0

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	4.27	10.0	24	-38.86	6.0	48	-13.67	8.0	72	4.49	8.0
1	5.80	9.0	25	-47.06	7.0	49	3.79	8.0	73	-16.64	8.0
2	23.34	7.0	26	-39.31	7.0	50	-7.11	8.0	74	-11.84	8.0
3	3.38	8.0	27	-38.26	7.0	51	0.08	7.0	75	-1.43	7.0
4	34.40	8.0	28	-38.19	6.0	52	-8.64	6.0	76	-7.61	8.0
5	21.40	8.0	29	-39.90	5.0	53	-6.45	7.0	77	-6.06	8.0
6	26.38	8.0	30	-36.00	5.0	54	-15.92	7.0	78	-8.40	7.0
7	3.36	8.0	31	-31.55	7.0	55	-15.61	8.0	79	-20.05	8.0
8	4.84	7.0	32	-34.93	6.0	56	-5.42	7.0	80	-24.94	9.0
9	-15.30	9.0	33	-38.26	6.0	57	-2.47	8.0	81	-10.30	8.0
10	-18.85	8.0	34	-39.78	6.0	58	-15.07	7.0	82	-4.79	8.0
11	-27.37	8.0	35	-35.17	6.0	59	-9.25	7.0	83	-0.09	6.0
12	-26.15	7.0	36	-13.02	5.0	60	-11.57	7.0	84	8.31	8.0
13	-35.57	7.0	37	-13.10	5.0	61	-3.01	7.0	85	3.19	8.0
14	-43.27	6.0	38	-5.87	6.0	62	-17.55	9.0	86	-9.02	8.0
15	-35.54	7.0	39	-10.70	6.0	63	-14.75	8.0	87	-0.31	8.0
16	-35.84	8.0	40	-8.55	6.0	64	4.10	7.0	88	-0.74	7.0
17	-32.11	8.0	41	-0.41	5.0	65	-8.65	7.0	89	0.05	7.0
18	-26.35	8.0	42	-9.32	5.0	66	-19.97	7.0	90	1.74	7.0
19	-41.55	8.0	43	-5.15	6.0	67	-15.57	8.0	91	1.32	7.0
20	-30.85	8.0	44	0.97	7.0	68	-6.84	8.0	92	6.69	8.0
21	-38.10	8.0	45	26.01	8.0	69	-4.71	9.0	93	19.16	9.0
22	-38.17	8.0	46	-23.43	7.0	70	-0.55	8.0	94	12.58	10.0
23	-31.61	9.0	47	-13.85	10.0	71	-15.31	10.0	95	38.17	9.0

ST. JOHNS NMAX 71-75 SEASON: EQUINOCTAL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =23

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	41.16	1.0	43.37	1.0	-31.09	8.0	-7.99	11.0
1	41.16	1.0	21.20	9.0	0.76	3.0	-22.61	10.0
2	*****	0.0	28.13	9.0	-33.79	5.0	-14.64	7.0
3	1.19	2.0	-3.61	7.0	0.97	3.0	-24.70	4.0
4	-7.09	3.0	18.57	5.0	-30.49	2.0	-16.19	5.0
5	-5.84	2.0	-7.39	8.0	-29.29	7.0	-20.53	11.0
6	-4.94	4.0	-31.56	15.0	-10.50	16.0	-10.21	16.0
7	-6.46	4.0	-24.74	16.0	-7.54	19.0	6.55	20.0
8	4.90	5.0	-40.24	19.0	2.90	15.0	-2.11	21.0
9	4.51	8.0	-33.20	19.0	-0.18	16.0	4.20	18.0
10	9.23	7.0	-34.22	16.0	4.11	17.0	-1.90	17.0
11	22.34	11.0	-30.39	16.0	-7.53	20.0	1.63	19.0
12	21.99	11.0	-35.08	15.0	-4.97	19.0	-3.71	18.0
13	28.02	11.0	-32.82	16.0	1.72	17.0	-5.98	20.0
14	23.74	12.0	-34.46	16.0	-0.27	20.0	2.33	17.0
15	23.05	13.0	-35.44	17.0	-4.24	20.0	-0.81	17.0
16	29.10	13.0	-30.15	17.0	-0.33	21.0	5.51	20.0
17	30.19	13.0	-36.16	16.0	-11.39	21.0	-7.13	18.0
18	-17.11	14.0	-45.94	19.0	-7.52	20.0	-19.00	19.0
19	-25.98	14.0	-50.34	18.0	-11.04	20.0	-17.51	17.0
20	-9.24	11.0	-53.17	16.0	-17.65	19.0	-14.34	17.0
21	-18.63	10.0	-43.83	14.0	-15.46	19.0	-9.72	16.0
22	-7.27	11.0	-36.30	11.0	-13.57	16.0	-13.28	16.0
23	11.48	11.0	-17.59	11.0	-5.48	14.0	-7.05	14.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	1.0	110.7	1.0	32.7	8.0	31.8	11.0
1	*****	1.0	65.8	9.0	56.2	3.0	25.0	10.0
2	*****	0.0	78.5	9.0	29.4	5.0	22.3	7.0
3	11.9	2.0	22.2	7.0	65.7	3.0	23.3	4.0
4	12.8	3.0	38.5	5.0	44.5	2.0	27.0	5.0
5	19.5	2.0	37.0	8.0	28.7	7.0	17.1	11.0
6	14.1	4.0	15.9	15.0	24.8	16.0	22.5	18.0
7	5.3	4.0	17.5	16.0	20.2	19.0	26.9	20.0
8	28.7	5.0	19.8	19.0	33.3	16.0	30.9	21.0
9	23.3	8.0	24.2	19.0	34.0	15.0	35.8	18.0
10	27.6	9.0	16.3	16.0	40.3	17.0	36.0	17.0
11	34.9	11.0	18.0	16.0	33.9	20.0	33.4	19.0
12	26.5	11.0	24.9	18.0	32.8	19.0	30.9	18.0
13	23.7	11.0	19.6	16.0	35.3	17.0	20.1	20.0
14	40.3	13.0	18.5	18.0	32.4	20.0	27.5	17.0
15	34.4	17.0	20.8	17.0	32.3	20.0	32.3	19.0
16	40.6	13.0	30.0	17.0	27.9	21.0	34.0	20.0
17	40.6	13.0	36.6	16.0	31.2	21.0	38.1	18.0
18	30.4	14.0	33.5	19.0	32.7	20.0	33.7	19.0
19	44.5	14.0	31.9	18.0	40.2	20.0	34.7	17.0
20	51.1	11.0	31.0	18.0	34.9	19.0	45.7	17.0
21	36.7	10.0	30.7	14.0	32.4	19.0	36.7	16.0
22	35.8	11.0	29.6	11.0	36.1	16.0	36.8	16.0
23	83.0	11.0	30.3	11.0	31.0	14.0	37.3	14.0

ST. JOHN'S NMAX 71-75 SEASON: EQUINOCTAL

AVERAGE DST VARIATIONS *****= NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	4.54	19.0	24	-38.68	16.0	48	-7.23	13.0	72	4.88	15.0
1	2.76	19.0	25	-35.22	12.0	49	-7.09	14.0	73	-4.22	16.0
2	22.39	16.0	26	-36.20	12.0	50	-16.00	14.0	74	-8.10	15.0
3	13.02	17.0	27	-28.83	14.0	51	-13.85	15.0	75	-10.31	14.0
4	24.71	16.0	28	-42.31	13.0	52	-3.62	13.0	76	-12.40	15.0
5	15.84	17.0	29	-36.22	14.0	53	-14.29	15.0	77	-13.53	17.0
6	19.85	16.0	30	-34.64	14.0	54	-15.31	17.0	78	-11.72	15.0
7	5.46	19.0	31	-36.70	13.0	55	-10.15	18.0	79	-8.14	15.0
8	-12.41	14.0	32	-25.82	14.0	56	-10.00	17.0	80	-14.07	19.0
9	-0.19	17.0	33	-29.78	14.0	57	-11.66	18.0	81	-6.88	18.0
10	-5.19	15.0	34	-27.22	15.0	58	-5.47	18.0	82	-0.59	16.0
11	4.30	14.0	35	-21.35	15.0	59	-10.00	16.0	83	0.83	16.0
12	5.09	15.0	36	-17.14	15.0	60	0.58	13.0	84	5.76	15.0
13	-1.34	17.0	37	-26.18	13.0	61	-5.31	15.0	85	2.43	14.0
14	-6.44	11.0	38	-6.03	10.0	62	-7.35	14.0	86	-5.56	13.0
15	-17.89	14.0	39	-12.00	13.0	63	-19.72	16.0	87	2.44	16.0
16	-19.95	15.0	40	-9.64	12.0	64	-14.50	15.0	88	3.06	16.0
17	-16.39	12.0	41	-12.54	13.0	65	-5.89	13.0	89	3.11	15.0
18	-23.94	17.0	42	-11.85	12.0	66	-4.04	14.0	90	6.98	13.0
19	-29.61	17.0	43	-17.37	14.0	67	-3.68	17.0	91	1.21	15.0
20	-33.90	13.0	44	-16.64	17.0	68	-4.32	19.0	92	17.50	15.0
21	-26.72	16.0	45	-3.49	15.0	69	-1.46	19.0	93	3.47	19.0
22	-35.30	15.0	46	-13.54	15.0	70	-3.44	15.0	94	1.71	20.0
23	-34.05	13.0	47	-6.42	17.0	71	-8.71	16.0	95	9.79	18.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	34.9	19.0	24	22.2	16.0	48	43.4	13.0	72	36.0	15.0
1	17.0	19.0	25	27.2	12.0	49	41.0	14.0	73	26.1	16.0
2	43.6	16.0	26	24.9	12.0	50	38.9	14.0	74	28.6	15.0
3	35.7	17.0	27	20.4	14.0	51	31.5	15.0	75	32.8	14.0
4	69.0	16.0	28	21.1	13.0	52	36.3	13.0	76	20.1	15.0
5	67.7	17.0	29	28.5	14.0	53	34.3	15.0	77	22.7	17.0
6	70.2	16.0	30	31.8	14.0	54	32.5	17.0	78	24.1	15.0
7	61.5	19.0	31	28.8	13.0	55	34.7	18.0	79	27.4	15.0
8	45.1	14.0	32	31.7	14.0	56	27.1	17.0	80	29.9	19.0
9	44.7	17.0	33	31.6	14.0	57	30.4	18.0	81	35.9	18.0
10	37.9	15.0	34	33.9	15.0	58	13.5	18.0	82	30.9	16.0
11	43.2	14.0	35	34.9	15.0	59	41.4	16.0	83	24.5	16.0
12	68.7	15.0	36	32.2	15.0	60	37.6	13.0	84	34.8	16.0
13	53.0	15.0	37	30.6	13.0	61	30.5	15.0	85	31.2	14.0
14	45.1	11.0	38	26.7	10.0	62	32.7	14.0	86	36.5	13.0
15	38.9	14.0	39	30.3	12.0	63	29.8	16.0	87	40.0	15.0
16	25.0	15.0	40	32.3	12.0	64	31.5	15.0	88	31.5	15.0
17	34.1	12.0	41	30.9	13.0	65	36.1	13.0	89	26.9	15.0
18	21.4	17.0	42	19.2	12.0	66	30.5	14.0	90	31.5	13.0
19	28.5	17.0	43	21.5	14.0	67	32.0	17.0	91	25.7	15.0
20	37.9	13.0	44	21.4	17.0	68	31.8	19.0	92	40.4	15.0
21	27.4	16.0	45	35.0	15.0	69	30.7	19.0	93	34.5	19.0
22	20.3	15.0	46	30.7	15.0	70	31.2	15.0	94	36.6	20.0
23	22.4	13.0	47	40.3	17.0	71	35.1	16.0	95	55.5	18.0

ST. JOHN'S NMAX 71-75 SEASON: EQUINOCTIAL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	41.15	1.0	7.07	13.0	-37.61	8.0	-10.36	11.0
1	41.18	1.0	-3.88	9.0	-29.01	3.0	-23.77	10.0
2	*****	0.0	3.45	9.0	-29.10	5.0	-27.07	7.0
3	1.19	2.0	2.45	7.0	5.03	3.0	-34.82	4.0
4	-8.01	3.0	-0.84	5.0	-53.31	3.0	-19.60	5.0
5	-5.84	2.0	-4.03	8.0	-33.93	7.0	-24.94	11.0
6	-12.04	4.0	-20.24	15.0	-11.73	16.0	-3.49	18.0
7	-10.48	4.0	-18.80	15.0	-12.46	19.0	2.94	20.0
8	-10.64	6.0	-16.48	19.0	-4.54	16.0	-5.65	21.0
9	-3.70	8.0	-37.09	19.0	-2.55	15.0	1.29	18.0
10	0.50	9.0	-33.87	18.0	6.24	17.0	-7.02	17.0
11	10.33	11.0	-35.36	16.0	-3.35	20.0	1.51	19.0
12	25.51	11.0	-35.68	18.0	-13.61	19.0	-0.59	18.0
13	34.38	11.0	-30.71	16.0	0.81	17.0	0.86	20.0
14	15.98	12.0	-32.12	19.0	-1.77	20.0	3.53	17.0
15	32.76	13.0	-41.61	17.0	-11.35	20.0	-0.34	19.0
16	21.50	13.0	-22.88	17.0	-0.70	21.0	-1.85	20.0
17	15.68	13.0	-37.07	16.0	-5.49	21.0	-10.64	18.0
18	-10.15	14.0	-27.10	19.0	-11.79	30.0	-23.05	15.0
19	-20.88	14.0	-51.00	18.0	-17.25	20.0	-0.36	17.0
20	-20.53	11.0	-51.39	15.0	-16.30	19.0	-11.04	17.0
21	-25.43	10.0	-33.56	14.0	-6.31	19.0	-5.55	15.0
22	0.50	11.0	-31.61	11.0	-28.39	16.0	-17.46	15.0
23	4.84	11.0	-19.67	11.0	-7.15	14.0	-7.51	14.0

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	5.44	19.0	24	-40.91	15.0	48	-37.07	13.0	72	9.24	15.0
1	3.10	16.0	25	-41.86	12.0	49	-24.77	14.0	73	-16.43	16.0
2	5.86	16.0	26	-39.58	12.0	50	-27.15	14.0	74	-1.33	15.0
3	7.11	17.0	27	-35.08	14.0	51	-17.17	15.0	75	-3.07	14.0
4	8.13	16.0	28	-45.00	13.0	52	-8.70	13.0	76	-10.84	15.0
5	-10.36	17.0	29	-50.65	14.0	53	-9.43	16.0	77	-12.45	17.0
6	-8.23	16.0	30	-38.67	14.0	54	-30.95	17.0	78	-5.40	18.0
7	-7.34	16.0	31	-31.58	13.0	55	-14.05	18.0	79	-6.81	15.0
8	-6.73	14.0	32	-33.37	14.0	56	-5.49	17.0	80	-9.55	19.0
9	-9.25	17.0	33	-27.93	14.0	57	-3.47	18.0	81	-10.60	18.0
10	-5.31	15.0	34	-16.63	15.0	58	-4.48	18.0	82	2.89	19.0
11	-3.58	14.0	35	-20.10	15.0	59	-4.38	16.0	83	1.97	15.0
12	2.43	15.0	36	-17.05	16.0	60	-3.92	13.0	84	8.31	16.0
13	-13.61	16.0	37	-28.88	13.0	61	4.84	15.0	85	3.15	14.0
14	-17.96	11.0	38	-1.72	10.0	62	-6.95	14.0	86	-2.73	17.0
15	-23.22	14.0	39	-10.73	12.0	63	-24.38	16.0	87	-0.31	16.0
16	-24.52	15.0	40	-7.69	12.0	64	-15.04	17.0	88	-1.33	15.0
17	-24.77	12.0	41	-2.77	13.0	65	-3.65	13.0	89	0.05	15.0
18	-30.48	11.0	42	-15.38	13.0	66	-15.04	14.0	90	0.50	13.0
19	-36.20	17.0	43	-22.67	14.0	67	-14.21	17.0	91	-2.88	15.0
20	-31.09	15.0	44	-16.13	17.0	68	0.50	19.0	92	2.22	16.0
21	-30.61	16.0	45	-13.61	15.0	69	-4.71	19.0	93	6.71	19.0
22	-37.09	15.0	46	-23.43	15.0	70	-0.63	15.0	94	-12.39	20.0
23	-33.92	13.0	47	-26.48	17.0	71	-4.79	16.0	95	-9.25	18.0

TABLE 2c

TABULATED VALUES FOR AVERAGE AND MEDIAN
STORM PATTERNS

GOOSE BAY/ST. JOHN'S SLAB THICKNESS DATA

GOOSE BAY SLAB THICKNESS 71-75 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DAILY VARIATIONS (SD) **** = NO DATA % ANALYZED THIS RUN = 85

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	66.70	5.0	92.11	34.0	85.59	23.0	43.55	39.0
1	117.64	4.0	88.54	26.0	84.15	17.0	38.66	27.0
2	68.77	4.0	58.40	22.0	74.43	19.0	44.60	24.0
3	16.12	7.0	75.45	21.0	34.80	12.0	32.49	17.0
4	24.16	7.0	49.18	18.0	38.38	19.0	25.11	24.0
5	41.98	7.0	24.26	32.0	30.12	22.0	13.19	33.0
6	30.00	10.0	21.61	32.0	3.26	34.0	2.71	33.0
7	19.43	11.0	25.30	42.0	11.56	51.0	5.73	47.0
8	9.95	13.0	28.57	46.0	7.99	47.0	9.10	51.0
9	17.00	20.0	34.28	41.0	5.79	44.0	7.31	47.0
10	22.18	23.0	29.95	39.0	5.99	46.0	7.04	40.0
11	17.46	28.0	27.70	37.0	3.19	46.0	6.13	41.0
12	14.95	29.0	34.70	40.0	5.70	45.0	3.85	40.0
13	11.78	33.0	24.02	36.0	3.73	43.0	10.37	41.0
14	17.76	36.0	24.54	47.0	5.73	48.0	5.46	43.0
15	11.57	40.0	21.66	42.0	7.56	51.0	4.64	43.0
16	12.46	41.0	20.51	47.0	9.60	54.0	3.10	50.0
17	14.85	35.0	19.76	45.0	3.05	54.0	8.40	50.0
18	35.00	39.0	22.44	45.0	2.43	53.0	8.37	48.0
19	46.42	38.0	39.48	39.0	2.63	49.0	7.04	45.0
20	71.27	34.0	61.70	34.0	16.80	46.0	16.42	41.0
21	68.42	31.0	71.04	33.0	24.72	40.0	19.95	39.0
22	61.28	31.0	66.46	29.0	28.10	37.0	25.28	39.0
23	78.13	35.0	68.30	29.0	20.94	34.0	20.37	36.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	84.3	5.0	84.8	34.0	83.0	23.0	64.0	39.0
1	126.0	4.0	81.4	26.0	76.2	17.0	50.3	27.0
2	59.0	4.0	52.2	22.0	55.5	19.0	49.5	24.0
3	28.2	5.0	70.1	21.0	44.8	12.0	40.7	17.0
4	33.4	7.0	65.5	18.0	44.4	19.0	43.3	24.0
5	22.7	7.0	30.7	32.0	40.4	22.0	25.0	33.0
6	30.7	10.0	30.8	32.0	16.6	34.0	18.2	33.0
7	38.4	11.0	29.8	42.0	32.5	51.0	23.7	47.0
8	22.2	14.0	34.9	46.0	22.2	47.0	22.4	51.0
9	23.2	20.0	39.3	41.0	17.3	44.0	22.5	47.0
10	28.1	22.0	34.4	39.0	32.6	46.0	20.9	40.0
11	31.4	28.0	33.5	37.0	24.5	46.0	28.3	41.0
12	37.0	29.0	49.5	40.0	18.4	45.0	24.9	40.0
13	32.7	33.0	41.8	36.0	17.7	43.0	25.2	41.0
14	39.0	35.0	30.0	43.0	19.1	48.0	23.1	43.0
15	27.0	40.0	27.5	42.0	21.0	51.0	19.4	43.0
16	39.2	43.0	38.0	47.0	20.2	54.0	21.9	50.0
17	32.2	36.0	24.9	46.0	32.2	54.0	23.0	52.0
18	73.8	39.0	73.0	45.0	42.7	53.0	33.2	48.0
19	60.4	38.0	87.0	39.0	37.6	49.0	32.9	45.0
20	67.7	36.0	88.9	34.0	50.1	46.0	68.8	41.0
21	79.3	31.0	89.5	33.0	76.6	42.0	61.9	39.0
22	75.9	31.0	100.6	29.0	54.9	37.0	50.6	39.0
23	74.5	35.0	77.9	29.0	40.0	34.0	72.0	36.0

GOOSE BAY SLAB THICKNESS 71-75 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DST VARIATIONS *** = NO DATA # ANALYZED THIS RUN = 65

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	14.58	51.0	24	35.50	34.0	48	16.08	37.0	72	6.58	41.0
1	33.80	47.0	25	28.77	34.0	49	13.47	38.0	73	16.19	43.0
2	38.78	47.0	26	31.41	33.0	50	16.02	42.0	74	15.59	41.0
3	24.63	49.0	27	35.52	35.0	51	21.15	43.0	75	16.40	42.0
4	30.99	44.0	28	36.94	36.0	52	12.57	43.0	76	19.65	43.0
5	51.60	42.0	29	44.97	38.0	53	21.37	43.0	77	14.98	44.0
6	39.75	40.0	30	48.46	39.0	54	13.50	44.0	78	18.34	39.0
7	53.26	41.0	31	51.43	40.0	55	17.63	43.0	79	13.13	45.0
8	57.61	39.0	32	30.56	36.0	56	14.22	41.0	80	15.24	46.0
9	54.63	42.0	33	40.86	35.0	57	17.73	43.0	81	16.30	44.0
10	47.53	40.0	34	57.20	35.0	58	16.09	43.0	82	10.95	40.0
11	38.23	38.0	35	24.57	34.0	59	20.01	43.0	83	2.13	38.0
12	44.35	37.0	36	29.18	37.0	60	15.05	40.0	84	2.70	43.0
13	54.34	39.0	37	41.62	35.0	61	9.46	39.0	85	5.50	38.0
14	33.13	36.0	38	29.40	34.0	62	0.82	36.0	86	11.59	40.0
15	30.15	36.0	39	31.84	37.0	63	11.07	41.0	87	-0.07	41.0
16	27.81	32.0	40	31.57	35.0	64	7.55	38.0	88	2.60	43.0
17	31.47	31.0	41	28.23	36.0	65	18.56	34.0	89	0.48	38.0
18	40.77	33.0	42	9.31	35.0	66	8.17	36.0	90	3.30	34.0
19	36.51	37.0	43	13.15	36.0	67	3.54	40.0	91	-0.87	39.0
20	38.72	33.0	44	22.14	41.0	68	16.59	42.0	92	-0.78	41.0
21	23.72	35.0	45	7.54	37.0	69	15.73	44.0	93	2.44	43.0
22	33.19	37.0	46	10.67	41.0	70	17.53	42.0	94	4.04	45.0
23	30.83	34.0	47	13.43	41.0	71	8.96	42.0	95	8.54	48.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	44.3	51.0	24	37.3	34.0	48	39.0	37.0	72	40.6	41.0
1	37.5	47.0	25	35.7	34.0	49	37.3	38.0	73	48.9	43.0
2	62.9	47.0	26	39.6	33.0	50	37.7	42.0	74	50.1	41.0
3	52.0	49.0	27	73.4	35.0	51	50.9	43.0	75	50.4	42.0
4	54.7	44.0	28	55.3	36.0	52	45.2	43.0	76	62.5	43.0
5	84.3	42.0	29	58.0	38.0	53	39.0	43.0	77	41.3	44.0
6	57.8	40.0	30	62.9	39.0	54	29.0	44.0	78	42.8	39.0
7	72.1	41.0	31	69.1	40.0	55	50.3	43.0	79	35.3	45.0
8	84.8	39.0	32	51.1	36.0	56	47.0	41.0	80	52.4	46.0
9	71.5	42.0	33	52.5	36.0	57	35.9	43.0	81	54.5	44.0
10	73.7	40.0	34	92.3	35.0	58	37.7	43.0	82	37.7	40.0
11	77.5	38.0	35	64.5	34.0	59	47.8	43.0	83	21.5	38.0
12	54.9	37.0	36	54.3	37.0	60	43.7	40.0	84	20.5	43.0
13	72.7	39.0	37	70.5	35.0	61	31.4	39.0	85	31.8	38.0
14	52.9	36.0	38	70.4	34.0	62	28.0	36.0	86	47.5	40.0
15	58.7	36.0	39	84.7	37.0	63	29.0	41.0	87	23.7	41.0
16	43.4	32.0	40	54.5	35.0	64	21.5	38.0	88	23.4	42.0
17	50.3	31.0	41	67.[illegible]	36.0	65	43.9	34.0	89	22.8	38.0
18	48.4	33.0	42	40.1	35.0	66	22.9	36.0	90	38.4	34.0
19	46.1	37.0	43	24.5	36.0	67	21.7	40.0	91	20.4	39.0
20	55.5	33.0	44	47.9	41.0	68	34.5	42.0	92	23.4	41.0
21	39.4	35.0	45	35.3	37.0	69	23.9	44.0	93	25.9	43.0
22	47.5	37.0	46	24.5	41.0	70	54.8	42.0	94	23.7	45.0
23	39.0	34.0	47	39.6	41.0	71	36.3	42.0	95	30.5	48.0

GOOSE BAY SLAB THICKNESS 71-75 GEOMAGNETIC STORM ANAYLSIS

MEDIAN DAILY VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 65

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	54.01	5.0	85.81	34.0	91.84	23.0	20.99	30.0
1	77.31	4.0	104.64	26.0	83.95	17.0	33.21	27.0
2	39.70	4.0	40.34	20.0	50.22	10.0	36.87	24.0
3	29.40	5.0	79.78	21.0	25.52	10.0	38.46	17.0
4	7.37	7.0	28.61	13.0	34.16	10.0	8.55	24.0
5	46.10	7.0	15.82	22.0	18.99	22.0	9.59	33.0
6	30.26	10.0	16.14	32.0	5.49	34.0	4.15	38.0
7	8.43	11.0	20.87	42.0	11.74	51.0	0.73	47.0
8	3.14	14.0	21.47	46.0	5.81	47.0	3.66	51.0
9	11.96	20.0	26.20	41.0	0.44	44.0	0.0	47.0
10	21.36	22.0	25.00	33.0	2.07	46.0	0.0	40.0
11	9.84	28.0	26.37	37.0	3.73	46.0	-0.46	41.0
12	5.14	29.0	27.69	41.0	3.45	40.0	1.63	40.0
13	0.85	32.0	15.06	36.0	1.58	43.0	-0.40	41.0
14	-1.49	35.0	18.09	43.0	4.37	48.0	-0.51	43.0
15	10.32	40.0	14.89	43.0	3.30	51.0	0.53	48.0
16	2.29	43.0	11.49	47.0	2.56	54.0	1.27	50.0
17	-8.81	38.0	9.74	46.0	-2.77	54.0	4.79	52.0
18	2.70	39.0	10.11	45.0	-5.33	53.0	0.57	43.0
19	31.34	38.0	15.47	38.0	-4.13	49.0	3.05	45.0
20	27.58	36.0	29.18	34.0	0.0	46.0	0.86	41.0
21	54.76	31.0	41.01	33.0	0.0	42.0	0.0	39.0
22	42.45	31.0	55.10	29.0	6.81	37.0	11.58	39.0
23	70.45	35.0	53.99	29.0	3.34	34.0	0.0	36.0

GOOSE BAY SLAB THICKNESS 71-75 GEOMAGNETIC STORM ANAYLSIS

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	3.89	51.0	24	26.08	34.0	48	9.64	37.0	72	0.0	41.0
1	12.23	47.0	25	16.97	34.0	49	4.46	38.0	73	1.41	42.0
2	12.00	47.0	26	35.00	33.0	50	4.56	42.0	74	5.49	41.0
3	9.32	49.0	27	21.57	35.0	51	5.38	43.0	75	5.94	42.0
4	16.31	44.0	28	26.26	35.0	52	0.0	43.0	76	3.91	43.0
5	10.41	42.0	29	37.83	35.0	53	11.41	43.0	77	1.42	44.0
6	20.06	40.0	30	31.16	35.0	54	8.56	44.0	78	8.10	34.0
7	19.71	41.0	31	25.27	40.0	55	6.10	43.0	79	6.51	45.0
8	16.36	39.0	32	21.58	36.0	56	0.0	41.0	80	0.0	46.0
9	22.54	40.0	33	26.44	36.0	57	4.32	43.0	81	0.13	44.0
10	16.87	40.0	34	25.14	36.0	58	3.53	43.0	82	5.04	40.0
11	6.78	39.0	35	3.97	34.0	59	0.0	43.0	83	0.0	39.0
12	25.11	37.0	36	16.43	37.0	60	0.99	40.0	84	0.0	43.0
13	24.06	39.0	37	29.55	35.0	61	0.0	39.0	85	-0.13	38.0
14	22.88	36.0	38	9.00	34.0	62	-3.41	35.0	86	0.00	40.0
15	14.26	35.0	39	11.75	37.0	63	1.48	41.0	87	-4.73	41.0
16	17.68	32.0	40	8.41	35.0	64	1.71	38.0	88	-0.72	43.0
17	25.13	31.0	41	17.33	36.0	65	2.54	34.0	89	0.0	38.0
18	28.80	33.0	42	6.81	35.0	66	0.54	36.0	90	-1.20	34.0
19	27.68	37.0	43	8.01	35.0	67	0.0	40.0	91	-2.08	39.0
20	24.22	33.0	44	12.14	41.0	68	14.14	42.0	92	0.0	41.0
21	13.35	36.0	45	5.88	37.0	69	10.46	44.0	93	0.0	49.0
22	16.80	37.0	46	10.24	41.0	70	8.82	42.0	94	3.86	46.0
23	18.76	34.0	47	12.02	41.0	71	4.02	42.0	95	2.28	48.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SUMMER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	34.30	2.0	141.47	11.0	111.82	12.0	58.49	10.0
1	167.35	2.0	125.35	10.0	105.09	12.0	46.51	14.0
2	50.30	3.0	46.50	9.0	100.23	10.0	63.71	12.0
3	7.07	2.0	64.19	9.0	43.53	6.0	44.57	10.0
4	40.75	3.0	21.04	11.0	44.78	12.0	17.46	15.0
5	37.31	3.0	21.77	13.0	20.51	14.0	11.60	13.0
6	22.06	3.0	21.40	14.0	11.09	14.0	0.32	14.0
7	0.55	2.0	15.88	12.0	11.70	15.0	2.34	11.0
8	15.07	3.0	16.02	12.0	10.37	14.0	6.09	15.0
9	3.29	5.0	24.03	7.0	5.80	12.0	10.85	15.0
10	21.13	3.0	19.56	9.0	4.05	12.0	3.59	12.0
11	22.74	5.0	26.77	3.0	4.82	11.0	-7.48	9.0
12	20.16	5.0	11.09	7.0	7.32	11.0	-0.89	11.0
13	17.29	8.0	12.54	8.0	5.31	10.0	-4.02	9.0
14	10.75	8.0	24.84	12.0	5.96	12.0	5.79	15.0
15	14.50	13.0	15.40	11.0	5.63	16.0	2.41	18.0
16	5.33	14.0	20.09	15.0	15.58	16.0	4.15	13.0
17	-0.47	13.0	9.40	13.0	1.83	17.0	11.35	20.0
18	7.01	13.0	7.84	15.0	5.05	19.0	5.37	18.0
19	15.46	12.0	38.60	17.0	-7.78	18.0	-2.40	18.0
20	95.00	15.0	71.87	13.0	15.88	16.0	-0.22	15.0
21	56.48	10.0	89.83	15.0	43.20	15.0	21.30	15.0
22	65.23	13.0	137.83	15.0	45.30	15.0	23.12	15.0
23	108.74	14.0	127.26	11.0	31.41	14.0	28.26	13.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SUMMER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	19.5	2.0	63.4	11.0	33.5	12.0	74.8	15.0
1	144.9	2.0	70.7	10.0	75.9	12.0	58.5	14.0
2	57.3	3.0	40.6	9.0	56.0	10.0	50.5	12.0
3	35.6	2.0	57.5	9.0	20.4	5.0	35.4	10.0
4	40.7	2.0	22.0	11.0	43.4	12.0	25.8	15.0
5	15.0	3.0	25.5	13.0	20.5	14.0	15.0	13.0
6	19.0	3.0	27.4	14.0	13.7	14.0	12.2	14.0
7	13.1	2.0	25.1	12.0	17.6	15.0	17.8	11.0
8	17.4	3.0	32.1	12.0	21.3	14.0	15.7	15.0
9	14.1	5.0	16.6	7.0	16.3	12.0	17.5	15.0
10	15.9	3.0	18.2	9.0	13.3	12.0	20.4	12.0
11	15.4	5.0	34.2	3.0	16.5	11.0	7.3	9.0
12	35.7	5.0	35.0	7.0	13.5	11.0	12.3	11.0
13	15.5	8.0	12.8	8.0	20.2	10.0	8.4	9.0
14	14.4	8.0	24.2	12.0	11.2	12.0	22.0	15.0
15	17.2	13.0	20.0	11.0	21.1	16.0	11.0	13.0
16	10.9	14.0	21.8	15.0	21.0	16.0	10.3	13.0
17	14.6	13.0	20.3	13.0	12.3	17.0	17.9	20.0
18	30.0	13.0	23.4	15.0	32.3	19.0	19.2	18.0
19	30.3	12.0	37.2	17.0	24.3	18.0	33.2	18.0
20	113.3	15.0	91.5	13.0	50.7	16.0	43.1	15.0
21	58.8	10.0	73.0	15.0	100.8	15.0	50.6	15.0
22	77.3	13.0	104.7	15.0	55.3	15.0	77.1	15.0
23	80.0	14.0	71.0	11.0	43.9	14.0	80.2	13.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SUMMER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

STRSTORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	27.71	18.0	24	32.52	10.0	48	28.25	14.0	72	10.15	15.0
1	13.05	17.0	25	19.23	11.0	49	36.50	14.0	73	19.49	17.0
2	44.96	17.0	26	35.99	11.0	50	24.04	15.0	74	20.31	15.0
3	32.21	19.0	27	63.76	13.0	51	43.05	14.0	75	29.26	17.0
4	29.94	15.0	28	19.95	0.0	52	26.74	15.0	76	42.62	16.0
5	57.04	16.0	29	40.85	12.0	53	32.35	15.0	77	19.07	15.0
6	34.34	14.0	30	59.06	13.0	54	13.22	16.0	78	23.03	16.0
7	50.35	14.0	31	85.70	17.0	55	31.24	13.0	79	26.88	17.0
8	61.76	14.0	32	35.03	13.0	56	33.22	14.0	80	21.87	14.0
9	81.41	14.0	33	44.16	14.0	57	36.41	16.0	81	11.01	15.0
10	48.65	13.0	34	76.70	15.0	58	26.25	16.0	82	9.94	14.0
11	56.24	10.0	35	40.72	13.0	59	28.73	17.0	83	0.59	13.0
12	56.53	10.0	36	67.00	15.0	60	20.43	16.0	84	7.95	16.0
13	64.37	13.0	37	85.07	16.0	61	3.75	13.0	85	5.81	15.0
14	25.90	17.0	38	65.03	13.0	62	4.45	15.0	86	5.39	14.0
15	11.54	9.0	39	39.90	10.0	63	7.33	15.0	87	-2.01	14.0
16	10.37	8.0	40	33.44	13.0	64	1.30	15.0	88	1.63	15.0
17	20.11	11.0	41	37.65	17.0	65	11.30	10.0	89	-3.57	13.0
18	24.72	11.0	42	17.09	13.0	66	3.49	11.0	90	11.01	12.0
19	12.05	10.0	43	7.54	10.0	67	0.50	14.0	91	-3.79	14.0
20	30.33	11.0	44	17.21	13.0	68	4.48	12.0	92	-0.67	14.0
21	27.75	11.0	45	-1.37	12.0	69	11.33	14.0	93	6.01	17.0
22	44.29	11.0	46	10.58	15.0	70	9.29	15.0	94	2.61	15.0
23	37.54	11.0	47	16.77	15.0	71	12.38	15.0	95	0.09	19.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SUMMER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	35.9	18.0	24	39.1	10.0	48	48.4	14.0	72	50.4	15.0
1	23.8	17.0	25	30.5	11.0	49	50.2	14.0	73	67.3	17.0
2	69.2	17.0	26	39.3	11.0	50	64.1	15.0	74	74.7	15.0
3	47.1	19.0	27	112.2	13.0	51	75.0	14.0	75	71.6	17.0
4	30.5	15.0	28	61.8	0.0	52	60.4	15.0	76	95.1	16.0
5	35.5	16.0	29	60.4	12.0	53	60.5	15.0	77	58.7	15.0
6	70.0	14.0	30	62.0	15.0	54	33.0	16.0	78	59.3	16.0
7	57.1	14.0	31	81.5	17.0	55	33.3	13.0	79	50.6	17.0
8	34.1	14.0	32	51.4	13.0	56	70.1	14.0	80	74.7	14.0
9	37.2	14.0	33	43.3	14.0	57	50.1	16.0	81	27.8	15.0
10	86.0	13.0	34	103.3	15.0	58	40.3	15.0	82	25.2	14.0
11	65.9	10.0	35	61.2	13.0	59	57.6	17.0	83	14.6	13.0
12	53.7	10.0	36	52.2	14.0	60	43.6	16.0	84	14.8	16.0
13	82.1	13.0	37	69.8	15.0	61	24.2	13.0	85	26.6	15.0
14	34.4	17.0	38	64.1	15.0	62	28.3	15.0	86	35.0	14.0
15	24.2	9.0	39	50.6	15.0	63	35.4	15.0	87	14.2	14.0
16	35.7	8.0	40	76.5	13.0	64	20.3	15.0	88	15.1	15.0
17	27.9	11.0	41	66.6	17.0	65	20.7	12.0	89	8.6	17.0
18	25.2	11.0	42	61.3	13.0	66	19.4	11.0	90	51.4	12.0
19	19.0	10.0	43	17.5	10.0	67	17.0	14.0	91	11.7	14.0
20	37.9	11.0	44	37.0	14.0	68	28.2	12.0	92	17.0	14.0
21	40.8	11.0	45	22.2	12.0	69	13.3	14.0	93	24.1	17.0
22	53.5	11.0	46	16.1	16.0	70	18.1	15.0	94	14.8	15.0
23	38.6	11.0	47	26.6	16.0	71	36.3	15.0	95	13.9	19.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SUMMER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	34.50	2.0	139.61	11.0	114.82	10.0	49.53	10.0
1	167.35	2.0	140.23	10.0	85.88	12.0	33.54	14.0
2	73.42	3.0	43.86	9.0	84.64	10.0	61.48	12.0
3	7.97	2.0	65.34	9.0	58.42	5.0	39.34	10.0
4	41.76	2.0	25.13	11.0	34.31	12.0	29.79	15.0
5	41.49	3.0	21.69	13.0	13.38	14.0	12.18	18.0
6	19.71	3.0	27.11	14.0	8.15	14.0	3.25	14.0
7	0.25	2.0	17.92	12.0	12.11	15.0	0.64	11.0
8	15.77	3.0	20.02	12.0	17.01	14.0	5.33	13.0
9	3.55	5.0	35.20	7.0	5.87	12.0	5.84	15.0
10	25.67	3.0	17.04	9.0	2.34	12.0	0.0	12.0
11	24.69	5.0	27.45	8.0	0.0	11.0	-5.20	9.0
12	9.32	5.0	-0.38	7.0	2.93	11.0	-4.55	11.0
13	21.00	8.0	7.37	9.0	5.12	10.0	-2.83	9.0
14	7.93	8.0	15.74	12.0	5.37	12.0	0.57	15.0
15	17.17	13.0	16.20	11.0	5.45	15.0	0.0	18.0
16	1.71	14.0	12.34	16.0	11.95	16.0	5.25	18.0
17	-7.35	13.0	3.41	19.0	1.39	17.0	4.41	20.0
18	1.86	13.0	12.86	15.0	3.65	19.0	2.08	19.0
19	9.29	12.0	15.03	13.0	-17.73	18.0	2.79	18.0
20	73.75	16.0	60.61	15.0	-5.67	16.0	-3.41	16.0
21	14.09	12.0	94.82	15.0	0.0	16.0	-3.64	15.0
22	42.17	13.0	125.71	15.0	33.58	15.0	9.10	16.0
23	48.23	14.0	143.69	11.0	74.55	14.0	8.83	13.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SUMMER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	13.18	18.0	24	16.74	10.0	48	20.45	14.0	72	0.0	16.0
1	10.04	17.0	25	7.78	11.0	49	17.34	14.0	73	8.58	17.0
2	12.00	17.0	26	32.17	11.0	50	7.71	16.0	74	0.0	16.0
3	15.86	19.0	27	31.53	17.0	51	10.52	14.0	75	6.05	17.0
4	21.54	15.0	28	2.45	9.0	52	5.51	15.0	76	3.79	14.0
5	8.22	18.0	29	41.69	12.0	53	10.72	15.0	77	0.0	15.0
6	15.54	14.0	30	44.04	15.0	54	5.45	15.0	78	7.89	16.0
7	27.28	14.0	31	43.74	17.0	55	1.39	13.0	79	14.91	17.0
8	15.38	14.0	32	31.05	13.0	56	7.25	14.0	80	-1.65	14.0
9	28.83	14.0	33	29.86	14.0	57	8.38	15.0	81	6.46	15.0
10	10.95	13.0	34	38.54	15.0	58	13.27	15.0	82	5.81	14.0
11	19.14	10.0	35	8.15	10.0	59	7.21	17.0	83	0.0	13.0
12	54.42	10.0	36	36.87	14.0	60	17.69	16.0	84	9.10	16.0
13	43.43	13.0	37	32.65	15.0	61	0.0	13.0	85	1.75	15.0
14	23.58	13.0	38	19.13	15.0	62	0.0	16.0	86	-2.22	14.0
15	7.33	9.0	39	15.53	16.0	63	0.0	15.0	87	-3.58	14.0
16	4.42	8.0	40	5.19	13.0	64	1.02	15.0	88	-0.93	15.0
17	25.17	11.0	41	33.06	13.0	65	2.54	12.0	89	0.0	13.0
18	21.00	11.0	42	3.72	13.0	66	0.0	11.0	90	1.81	12.0
19	6.00	12.0	43	7.94	12.0	67	-1.30	14.0	91	-3.40	14.0
20	27.92	11.0	44	15.22	14.0	68	1.75	12.0	92	0.30	14.0
21	8.07	11.0	45	-4.77	12.0	69	10.44	14.0	93	2.31	17.0
22	9.20	11.0	46	8.04	16.0	70	0.21	15.0	94	0.0	15.0
23	27.92	11.0	47	14.15	16.0	71	6.86	15.0	95	0.0	19.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: FALL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-19.50	1.0	72.16	6.0	71.65	4.0	25.78	7.0
1	-0.32	1.0	87.70	4.0	63.13	1.0	43.72	6.0
2	*****	0.0	51.13	3.0	28.20	3.0	58.47	5.0
3	-0.90	2.0	94.27	3.0	-33.54	1.0	70.91	2.0
4	-0.06	3.0	83.23	2.0	*****	0.0	153.70	1.0
5	29.09	2.0	10.39	3.0	56.98	2.0	20.79	5.0
6	17.58	3.0	19.00	7.0	6.93	10.0	3.55	10.0
7	30.46	3.0	55.77	7.0	3.52	11.0	-5.72	11.0
8	17.23	3.0	39.69	9.0	-3.83	8.0	5.52	10.0
9	15.24	4.0	38.50	10.0	4.68	7.0	-3.02	10.0
10	42.17	5.0	41.94	8.0	3.57	8.0	0.37	8.0
11	31.57	5.0	31.99	9.0	20.33	8.0	3.94	10.0
12	3.87	6.0	32.28	9.0	9.76	8.0	10.34	9.0
13	12.85	8.0	35.05	9.0	0.49	8.0	25.75	10.0
14	32.99	8.0	25.48	8.0	3.11	10.0	-0.32	7.0
15	15.20	8.0	24.58	9.0	4.78	9.0	4.31	9.0
16	-5.44	8.0	32.22	10.0	4.66	11.0	-1.63	10.0
17	-15.71	8.0	17.93	9.0	-0.04	11.0	0.51	9.0
18	26.34	8.0	58.44	10.0	2.99	11.0	7.46	9.0
19	58.88	7.0	41.63	9.0	17.70	11.0	5.22	9.0
20	2.92	5.0	70.60	9.0	48.41	11.0	40.27	8.0
21	104.65	5.0	103.47	7.0	15.13	10.0	27.81	5.0
22	119.71	5.0	50.54	5.0	25.25	9.0	47.18	7.0
23	98.80	4.0	17.43	7.0	13.47	9.0	27.00	6.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: FALL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	1.0	55.7	6.0	38.0	4.0	25.3	7.0
1	*****	1.0	55.7	4.0	*****	1.0	39.0	6.0
2	*****	0.0	48.0	3.0	22.9	3.0	35.5	5.0
3	5.9	2.0	14.7	3.0	*****	1.0	22.8	2.0
4	6.5	3.0	11.2	2.0	*****	0.0	*****	1.0
5	26.6	2.0	3.8	3.0	66.6	2.0	37.5	5.0
6	26.7	3.0	19.4	7.0	18.9	10.0	17.5	10.0
7	25.2	3.0	31.3	7.0	31.5	11.0	14.5	11.0
8	27.2	3.0	30.5	9.0	7.6	9.0	22.4	10.0
9	6.1	4.0	33.2	10.0	13.8	7.0	21.3	10.0
10	25.3	5.0	34.8	8.0	25.3	8.0	15.4	8.0
11	42.4	5.0	25.0	9.0	26.0	8.0	18.3	10.0
12	32.5	6.0	34.6	9.0	18.7	8.0	23.9	9.0
13	22.4	8.0	55.0	8.0	14.6	8.0	31.9	10.0
14	80.2	8.0	37.0	8.0	30.8	10.0	9.9	7.0
15	71.1	8.0	31.0	9.0	30.8	9.0	21.1	9.0
16	18.9	8.0	85.5	10.0	17.1	11.0	23.0	10.0
17	38.8	6.0	26.6	9.0	35.5	11.0	23.1	9.0
18	90.8	8.0	111.4	10.0	32.4	11.0	32.0	9.0
19	78.9	7.0	89.5	9.0	38.3	11.0	37.9	9.0
20	10.4	5.0	67.4	9.0	84.4	11.0	78.3	8.0
21	24.1	5.0	114.2	7.0	47.8	10.0	41.3	5.0
22	22.4	6.0	74.3	5.0	68.9	9.0	71.8	7.0
23	40.1	4.0	49.2	7.0	30.0	9.0	95.5	6.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: FALL

AVERAGE DST VARIATIONS ****= NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	32.40	9.0	24	47.35	6.0	48	15.66	4.0	72	4.16	5.0
1	39.79	8.0	25	33.49	5.0	49	7.28	7.0	73	11.30	8.0
2	21.01	9.0	26	29.84	5.0	50	17.92	7.0	74	5.06	7.0
3	7.64	9.0	27	14.09	6.0	51	11.67	8.0	75	-5.39	7.0
4	7.69	9.0	28	11.56	6.0	52	14.58	8.0	76	12.29	6.0
5	61.92	8.0	29	34.41	7.0	53	9.69	9.0	77	20.11	9.0
6	25.02	7.0	30	65.80	8.0	54	11.95	10.0	78	12.06	8.0
7	55.23	7.0	31	16.20	8.0	55	39.01	10.0	79	-4.05	7.0
8	45.80	5.0	32	9.93	8.0	56	24.34	9.0	80	20.44	10.0
9	55.55	7.0	33	32.06	7.0	57	17.32	9.0	81	45.41	10.0
10	45.50	6.0	34	63.07	8.0	58	15.45	11.0	82	-13.36	8.0
11	49.35	7.0	35	24.41	8.0	59	10.73	9.0	83	2.93	9.0
12	66.54	8.0	36	30.73	8.0	60	-2.09	6.0	84	-5.08	8.0
13	66.05	7.0	37	44.50	8.0	61	21.04	8.0	85	1.76	6.0
14	15.57	5.0	38	19.16	4.0	62	-6.32	5.0	86	51.47	5.0
15	29.27	7.0	39	68.91	6.0	63	26.27	8.0	87	12.24	9.0
16	-0.93	7.0	40	35.55	5.0	64	20.45	8.0	88	16.45	8.0
17	12.74	7.0	41	57.15	7.0	65	45.72	6.0	89	2.18	7.0
18	50.18	7.0	42	2.24	6.0	66	-0.30	7.0	90	-2.37	6.0
19	29.30	9.0	43	29.14	8.0	67	2.71	9.0	91	8.83	8.0
20	37.07	7.0	44	45.14	10.0	68	17.19	11.0	92	6.34	7.0
21	22.80	8.0	45	21.35	7.0	69	10.79	10.0	93	17.91	10.0
22	31.57	7.0	46	13.40	8.0	70	9.81	7.0	94	22.33	10.0
23	34.59	4.0	47	-0.53	6.0	71	6.25	6.0	95	30.76	9.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: FALL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	69.0	9.0	24	36.2	6.0	48	19.3	4.0	72	21.6	5.0
1	45.3	8.0	25	40.4	5.0	49	22.6	7.0	73	32.3	8.0
2	34.8	9.0	26	21.5	5.0	50	26.0	7.0	74	22.4	7.0
3	37.8	9.0	27	20.3	6.0	51	21.9	8.0	75	22.9	7.0
4	27.4	9.0	28	19.8	6.0	52	58.5	8.0	76	18.5	6.0
5	75.6	8.0	29	30.1	7.0	53	24.1	9.0	77	38.9	9.0
6	26.3	7.0	30	57.1	8.0	54	26.4	10.0	78	33.7	8.0
7	73.9	7.0	31	30.6	5.0	55	59.5	10.0	79	16.7	7.0
8	54.3	5.0	32	24.4	8.0	56	21.3	9.0	80	40.5	10.0
9	57.0	7.0	33	45.2	7.0	57	15.1	9.0	81	52.4	10.0
10	58.9	6.0	34	100.8	8.0	58	35.5	11.0	82	14.0	8.0
11	61.0	7.0	35	46.7	8.0	59	47.1	9.0	83	32.4	9.0
12	50.4	8.0	36	33.9	8.0	60	71.0	6.0	84	17.2	8.0
13	57.9	7.0	37	74.1	8.0	61	32.0	8.0	85	31.0	6.0
14	40.3	5.0	38	13.3	4.0	62	34.0	5.0	86	93.4	5.0
15	50.5	7.0	39	142.4	6.0	63	40.0	8.0	87	34.5	9.0
16	20.7	7.0	40	57.9	5.0	64	25.4	8.0	88	24.3	8.0
17	43.4	7.0	41	100.1	7.0	65	58.5	6.0	89	16.5	7.0
18	27.9	7.0	42	42.8	6.0	66	12.3	7.0	90	14.6	6.0
19	29.0	9.0	43	23.1	8.0	67	15.7	9.0	91	19.6	8.0
20	56.2	7.0	44	62.3	10.0	68	27.0	11.0	92	18.0	7.0
21	44.5	8.0	45	55.9	7.0	69	20.7	10.0	93	26.7	10.0
22	34.9	7.0	46	37.3	8.0	70	24.9	7.0	94	23.8	10.0
23	40.5	4.0	47	30.8	6.0	71	18.7	6.0	95	29.3	9.0

GOOSE BAY SLAR THICKNESS 71-75 SEASON: FALL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-19.32	1.0	74.95	6.0	71.44	4.0	13.93	7.0
1	-0.30	1.0	104.64	4.0	63.13	1.0	37.58	6.0
2	*****	4.0	19.80	3.0	20.35	3.0	64.11	5.0
3	-0.00	2.0	84.59	7.0	-37.54	1.0	70.91	2.0
4	0.0	2.0	83.23	2.0	******	0.0	159.70	1.0
5	0.29	2.0	104.65	3.0	56.92	0.0	0.86	5.0
6	11.64	3.0	19.14	7.0	2.45	10.0	7.80	10.0
7	17.11	7.0	15.02	7.0	-5.58	11.0	-10.22	11.0
8	17.36	3.0	33.41	9.0	-2.40	8.0	7.47	10.0
9	15.09	4.0	37.50	10.0	0.0	7.0	-10.04	10.0
10	24.86	5.0	35.88	8.0	0.16	8.0	-4.67	9.0
11	11.03	6.0	25.57	9.0	18.51	8.0	-0.23	10.0
12	1.83	6.0	30.33	9.0	10.20	8.0	11.70	9.0
13	0.43	8.0	11.77	9.0	1.67	8.0	23.22	10.0
14	-0.74	8.0	16.78	8.0	4.67	10.0	2.57	7.0
15	15.48	8.0	7.63	9.0	1.71	9.0	1.25	9.0
16	-8.33	8.0	12.96	10.0	3.18	11.0	0.0	10.0
17	-15.80	6.0	37.21	9.0	-0.92	11.0	12.90	9.0
18	-10.78	8.0	34.64	10.0	6.03	11.0	-2.46	9.0
19	27.63	7.0	15.59	9.0	-1.36	11.0	-4.98	9.0
20	.0	5.0	61.37	9.0	23.85	11.0	15.72	8.0
21	94.88	3.0	37.08	7.0	0.0	10.0	13.98	6.0
22	126.05	6.0	34.47	5.0	-0.04	8.0	15.78	7.0
23	84.67	4.0	4.83	7.0	-2.35	9.0	-1.04	6.0

GOOSE BAY SLAR THICKNESS 71-75 SEASON: FALL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	0.0	9.0	24	53.88	6.0	48	22.30	4.0	72	1.32	5.0
1	34.71	8.0	25	17.65	3.0	49	6.92	7.0	73	-2.79	8.0
2	6.71	9.0	26	23.88	5.0	50	30.52	7.0	74	3.15	7.0
3	2.61	9.0	27	13.20	6.0	51	15.52	8.0	75	-2.90	7.0
4	-2.09	9.0	28	56.55	6.0	52	-4.01	8.0	76	7.64	6.0
5	31.25	8.0	29	30.03	7.0	53	2.02	9.0	77	5.09	9.0
6	23.21	7.0	30	29.75	8.0	54	5.94	10.0	78	7.99	9.0
7	14.78	7.0	31	25.41	5.0	55	13.37	10.0	79	-4.56	7.0
8	11.50	5.0	32	21.10	8.0	56	29.51	9.0	80	0.0	10.0
9	34.78	7.0	33	20.76	7.0	57	13.93	9.0	81	1.18	10.0
10	19.87	6.0	34	14.30	8.0	58	0.0	11.0	82	-19.46	8.0
11	10.23	7.0	35	0.37	8.0	59	0.0	9.0	83	-7.88	9.0
12	67.26	5.0	36	20.97	8.0	60	-10.25	8.0	84	-6.03	8.0
13	70.00	7.0	37	71.85	8.0	61	26.43	8.0	85	-10.22	6.0
14	6.94	5.0	38	18.10	4.0	62	-15.25	5.0	86	10.41	5.0
15	-3.04	7.0	39	5.41	6.0	63	29.02	8.0	87	3.05	8.0
16	-4.50	7.0	40	5.82	6.0	64	23.52	8.0	88	11.74	8.0
17	-2.19	7.0	41	11.74	7.0	65	13.17	6.0	89	0.0	7.0
18	67.34	7.0	42	-3.05	6.0	66	0.86	7.0	90	-2.71	6.0
19	31.22	9.0	43	31.30	8.0	67	-4.45	9.0	91	7.25	8.0
20	40.60	7.0	44	11.34	10.0	68	19.75	11.0	92	0.0	7.0
21	5.23	8.0	45	15.09	7.0	69	10.82	10.0	93	14.97	10.0
22	14.80	7.0	46	7.88	9.0	70	3.07	7.0	94	15.31	10.0
23	18.61	4.0	47	-7.77	6.0	71	9.83	6.0	95	22.85	9.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: WINTER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	142.03	2.0	75.98	11.0	-24.72	3.0	41.39	5.0
1	136.17	1.0	43.06	8.0	0.93	3.0	14.34	3.0
2	127.99	1.0	44.22	6.0	20.82	4.0	7.10	5.0
3	41.09	2.0	71.90	5.0	4.13	4.0	-8.79	3.0
4	43.90	2.0	73.08	4.0	5.41	4.0	14.69	4.0
5	60.87	2.0	-0.87	3.0	4.49	1.0	14.66	4.0
6	48.28	4.0	8.24	5.0	1.80	4.0	-2.62	5.0
7	20.31	5.0	33.61	16.0	12.50	17.0	16.55	16.0
8	9.20	7.0	27.28	17.0	4.78	17.0	12.10	15.0
9	16.23	8.0	27.21	17.0	4.94	17.0	12.77	14.0
10	14.12	11.0	28.73	17.0	2.95	17.0	8.75	12.0
11	3.02	13.0	21.69	18.0	1.38	17.0	13.59	13.0
12	17.14	14.0	23.95	16.0	2.62	17.0	13.33	12.0
13	7.11	14.0	21.92	14.0	0.02	16.0	11.13	12.0
14	3.05	15.0	15.09	16.0	5.07	16.0	3.16	12.0
15	7.24	14.0	15.01	16.0	3.85	16.0	3.70	11.0
16	29.79	15.0	6.12	16.0	6.09	17.0	5.82	12.0
17	9.05	13.0	5.30	13.0	-1.98	16.0	3.35	14.0
18	90.04	12.0	-7.14	12.0	3.77	14.0	9.89	11.0
19	71.42	12.0	14.57	8.0	-0.63	11.0	12.78	10.0
20	73.08	11.0	21.59	6.0	-9.44	12.0	2.45	9.0
21	56.37	10.0	32.73	7.0	-10.01	8.0	-1.15	8.0
22	19.74	8.0	-3.37	6.0	-0.89	7.0	11.33	8.0
23	43.95	11.0	-6.15	7.0	12.30	7.0	-3.20	10.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: WINTER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	83.4	2.0	98.6	11.0	17.6	3.0	77.1	5.0
1	*****	1.0	68.9	8.0	32.7	3.0	41.5	3.0
2	*****	1.0	40.3	6.0	30.0	4.0	35.3	5.0
3	5.5	2.0	95.8	5.0	18.8	4.0	16.7	3.0
4	25.1	2.0	97.6	4.0	28.3	4.0	44.3	4.0
5	14.8	2.0	5.0	3.0	*****	1.0	45.5	4.0
6	74.2	4.0	20.4	5.0	16.2	4.0	13.4	6.0
7	43.5	5.0	25.5	16.0	13.1	17.0	21.9	15.0
8	15.2	7.0	28.1	17.0	37.8	17.0	26.2	16.0
9	17.0	8.0	38.0	17.0	21.1	17.0	28.5	14.0
10	17.6	11.0	42.8	17.0	14.5	17.0	24.3	12.0
11	28.0	13.0	43.7	18.0	14.9	17.0	40.2	13.0
12	37.6	14.0	39.0	16.0	14.8	17.0	30.3	12.0
13	40.8	14.0	42.0	14.0	16.7	16.0	21.4	12.0
14	29.4	15.0	29.1	16.0	19.6	16.0	22.6	12.0
15	28.8	14.0	33.4	16.0	19.8	16.0	13.7	11.0
16	55.7	16.0	27.7	16.0	15.9	17.0	32.7	12.0
17	41.9	13.0	25.9	13.0	39.2	16.0	27.0	14.0
18	103.9	10.0	51.7	12.0	36.1	14.0	43.0	11.0
19	58.4	12.0	37.6	8.0	15.4	11.0	30.7	10.0
20	72.0	11.0	58.7	6.0	18.3	12.0	12.0	9.0
21	73.0	10.0	79.8	7.0	37.5	8.0	14.1	8.0
22	43.5	8.0	32.8	6.0	23.2	7.0	36.0	8.0
23	68.1	11.0	28.5	7.0	44.3	7.0	42.0	10.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: WINTER

AVERAGE DST VARIATIONS ****** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =82

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	5.23	15.0	24	27.32	11.0	48	7.42	12.0	72	-3.31	12.0
1	22.39	14.0	25	23.47	10.0	49	-2.65	11.0	73	10.43	9.0
2	20.17	14.0	26	18.54	11.0	50	7.65	14.0	74	11.07	11.0
3	29.82	14.0	27	17.39	10.0	51	-2.44	14.0	75	10.79	11.0
4	34.32	13.0	28	28.29	9.0	52	-1.05	15.0	76	0.15	12.0
5	22.01	11.0	29	34.97	13.0	53	10.17	12.0	77	13.67	12.0
6	44.23	14.0	30	30.53	11.0	54	12.58	11.0	78	14.75	9.0
7	60.70	13.0	31	20.95	11.0	55	-6.31	12.0	79	-1.84	13.0
8	81.38	15.0	32	27.92	10.0	56	-12.27	11.0	80	-2.35	13.0
9	38.33	13.0	33	34.10	9.0	57	1.58	11.0	81	6.94	10.0
10	39.75	14.0	34	10.57	7.0	58	7.51	10.0	82	17.10	10.0
11	19.33	14.0	35	-1.55	9.0	59	10.86	10.0	83	-0.78	11.0
12	19.36	14.0	36	-8.44	9.0	60	20.49	11.0	84	-3.86	11.0
13	16.99	14.0	37	-17.41	7.0	61	-2.00	11.0	85	4.26	9.0
14	24.15	13.0	38	-5.83	10.0	62	-6.80	7.0	86	-2.80	17.0
15	21.21	14.0	39	6.56	9.0	63	11.51	10.0	87	1.24	11.0
16	22.77	11.0	40	5.32	10.0	64	14.23	8.0	88	-5.23	12.0
17	41.57	10.0	41	6.36	10.0	65	21.10	9.0	89	-4.89	11.0
18	47.04	11.0	42	-5.11	10.0	66	16.40	11.0	90	-11.75	10.0
19	30.07	10.0	43	8.25	9.0	67	4.26	9.0	91	-7.95	10.0
20	25.81	10.0	44	9.53	10.0	68	32.67	11.0	92	-0.70	12.0
21	19.13	10.0	45	12.74	11.0	69	29.86	11.0	93	-5.04	13.0
22	24.02	11.0	46	15.00	11.0	70	14.66	12.0	94	-6.98	11.0
23	24.60	11.0	47	10.61	10.0	71	-1.74	11.0	95	9.41	11.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: WINTER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	28.3	15.0	24	41.7	11.0	48	21.5	12.0	72	37.1	12.0
1	40.4	14.0	25	38.7	10.0	49	11.6	11.0	73	26.3	9.0
2	34.4	14.0	26	49.2	11.0	50	20.7	14.0	74	30.5	11.0
3	72.4	14.0	27	28.4	10.0	51	14.1	14.0	75	29.3	11.0
4	73.9	13.0	28	35.2	9.0	52	23.3	15.0	76	23.2	12.0
5	35.3	11.0	29	26.2	13.0	53	22.3	12.0	77	23.0	12.0
6	57.7	14.0	30	40.1	11.0	54	29.5	11.0	78	15.5	9.0
7	42.3	13.0	31	34.3	11.0	55	19.6	12.0	79	13.5	13.0
8	97.9	15.0	32	58.9	10.0	56	18.5	11.0	80	22.3	13.0
9	49.0	13.0	33	68.5	9.0	57	19.2	11.0	81	41.1	10.0
10	76.2	14.0	34	41.1	7.0	58	17.2	10.0	82	30.1	10.0
11	88.1	14.0	35	31.7	9.0	59	20.5	10.0	83	14.3	11.0
12	38.9	14.0	36	20.3	9.0	60	59.7	11.0	84	27.9	11.0
13	38.2	14.0	37	35.0	7.0	61	27.0	11.0	85	18.8	9.0
14	62.3	13.0	38	20.0	10.0	62	22.9	7.0	86	27.1	13.0
15	47.0	14.0	39	29.0	9.0	63	17.3	10.0	87	24.3	11.0
16	38.5	11.0	40	21.8	10.0	64	15.9	8.0	88	21.6	12.0
17	48.1	10.0	41	24.2	10.0	65	36.0	9.0	89	25.6	11.0
18	74.4	11.0	42	25.4	10.0	66	28.5	11.0	90	13.6	10.0
19	39.2	10.0	43	23.9	9.0	67	35.2	9.0	91	24.0	10.0
20	57.2	10.0	44	25.6	10.0	68	41.5	11.0	92	24.5	12.0
21	31.8	10.0	45	23.0	11.0	69	44.1	11.0	93	12.0	13.0
22	32.3	11.0	46	23.3	11.0	70	31.5	12.0	94	17.2	11.0
23	43.0	11.0	47	11.2	10.0	71	36.2	11.0	95	24.0	11.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: WINTER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	142.03	2.0	74.94	11.0	-34.22	3.0	23.45	5.0
1	135.17	1.0	29.17	8.0	-2.20	3.0	33.20	3.0
2	123.39	1.0	37.71	6.0	25.11	4.0	11.02	5.0
3	41.20	2.0	37.58	5.0	17.60	4.0	0.0	3.0
4	43.90	2.0	36.03	4.0	-0.14	4.0	4.10	4.0
5	60.87	2.0	0.0	3.0	4.49	1.0	17.95	4.0
6	43.06	4.0	-3.07	5.0	3.33	4.0	2.47	6.0
7	-1.15	6.0	28.10	16.0	13.78	17.0	9.54	16.0
8	-2.09	7.0	24.82	17.0	5.33	17.0	0.75	16.0
9	14.01	8.0	10.65	17.0	0.0	17.0	5.51	14.0
10	5.45	11.0	10.95	17.0	0.0	17.0	-2.41	12.0
11	10.77	13.0	8.19	15.0	0.46	17.0	1.33	13.0
12	6.29	14.0	16.81	14.0	0.0	17.0	4.14	12.0
13	0.0	14.0	10.27	14.0	-3.15	16.0	3.36	12.0
14	-4.74	15.0	10.70	15.0	3.53	16.0	-6.22	12.0
15	4.04	14.0	12.09	16.0	0.42	15.0	2.31	11.0
16	6.94	15.0	-2.71	15.0	5.10	17.0	1.72	12.0
17	-0.31	13.0	0.71	13.0	-9.86	16.0	0.34	14.0
18	63.33	12.0	-24.30	12.0	0.0	14.0	-3.30	11.0
19	67.87	12.0	12.37	3.0	3.53	11.0	-1.33	10.0
20	49.32	11.0	4.40	5.0	-0.15	12.0	0.86	9.0
21	54.06	10.0	-5.37	7.0	-5.56	8.0	-3.21	9.0
22	6.77	8.0	2.76	6.0	-7.26	7.0	10.38	9.0
23	15.11	11.0	-3.26	7.0	6.33	7.0	0.0	10.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: WINTER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-1.60	15.0	24	25.31	11.0	48	9.38	12.0	72	-8.74	12.0
1	21.22	14.0	25	26.42	12.0	49	0.46	11.0	73	0.06	9.0
2	27.05	14.0	26	25.00	11.0	50	1.87	14.0	74	5.49	11.0
3	3.48	14.0	27	4.59	10.0	51	1.44	14.0	75	5.83	11.0
4	11.48	17.0	28	23.06	9.0	52	-6.75	15.0	76	-1.03	12.0
5	-1.81	11.0	29	23.32	15.0	53	10.57	12.0	77	11.04	12.0
6	28.44	14.0	30	14.34	11.0	54	3.68	11.0	78	9.01	9.0
7	27.54	15.0	31	0.71	11.0	55	-6.70	12.0	79	-1.32	13.0
8	31.00	15.0	32	7.01	10.0	56	-14.04	11.0	80	-4.75	13.0
9	33.93	13.0	33	8.88	9.0	57	0.0	11.0	81	0.0	10.0
10	10.22	14.0	34	0.0	7.0	58	3.15	10.0	82	10.39	10.0
11	-4.30	14.0	35	-2.35	9.0	59	-0.15	10.0	83	1.19	11.0
12	1.25	14.0	36	-7.37	9.0	60	9.54	11.0	84	0.0	11.0
13	7.23	14.0	37	-21.26	7.0	61	-7.20	11.0	85	0.0	9.0
14	11.11	13.0	38	-5.21	10.0	62	-13.13	7.0	86	0.0	13.0
15	10.22	14.0	39	1.22	9.0	63	10.56	10.0	87	-4.73	11.0
16	32.81	11.0	40	-0.31	10.0	64	5.29	8.0	88	-2.62	12.0
17	37.38	10.0	41	1.30	10.0	65	0.0	9.0	89	-6.03	11.0
18	25.00	11.0	42	-1.33	10.0	66	1.63	11.0	90	-13.25	10.0
19	28.55	10.0	43	1.63	9.0	67	3.97	9.0	91	-9.35	10.0
20	17.47	10.0	44	8.07	10.0	68	33.94	11.0	92	3.81	12.0
21	15.88	10.0	45	32.31	11.0	69	44.80	11.0	93	-0.82	13.0
22	16.75	11.0	46	16.57	11.0	70	10.24	12.0	94	3.25	11.0
23	18.55	11.0	47	14.43	10.0	71	-0.93	11.0	95	3.17	11.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SPRING

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	*****	0.0	51.10	6.0	103.32	4.0	15.95	4.0
1	*****	0.0	80.34	4.0	97.47	1.0	21.48	4.0
2	*****	0.0	81.40	4.0	141.02	2.0	-9.91	2.0
3	*****	0.0	112.11	4.0	93.91	2.0	-2.73	2.0
4	*****	0.0	177.01	1.0	86.75	3.0	23.06	4.0
5	*****	0.0	70.04	3.0	51.44	5.0	9.01	6.0
6	*****	0.0	37.96	6.0	9.85	6.0	2.55	8.0
7	*****	0.0	27.83	7.0	20.22	8.0	4.61	9.0
8	-10.00	1.0	37.65	8.0	21.41	8.0	8.41	10.0
9	18.91	3.0	65.35	7.0	7.02	8.0	3.41	8.0
10	19.47	3.0	34.10	5.0	16.35	9.0	16.18	8.0
11	8.62	4.0	39.53	5.0	18.37	10.0	11.25	9.0
12	8.40	4.0	78.79	8.0	5.07	9.0	11.58	9.0
13	15.01	3.0	40.17	6.0	10.36	9.0	6.64	10.0
14	25.15	4.0	44.58	7.0	9.35	10.0	12.45	9.0
15	9.16	5.0	46.05	6.0	9.99	10.0	10.00	10.0
16	-4.32	5.0	38.04	5.0	5.83	10.0	2.53	10.0
17	-30.02	6.0	35.50	8.0	15.90	10.0	7.94	9.0
18	17.25	5.0	55.43	7.0	-8.03	9.0	12.29	10.0
19	30.19	7.0	72.50	6.0	3.01	9.0	23.16	9.0
20	64.38	3.0	64.63	4.0	11.93	7.0	41.53	8.0
21	52.33	4.0	15.34	4.0	34.45	8.0	31.07	9.0
22	53.72	4.0	73.62	3.0	20.00	7.0	24.40	8.0
23	55.88	0.0	81.98	4.0	16.22	4.0	37.41	7.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SPRING

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	0.0	79.6	6.0	14.2	4.0	7.5	4.0
1	*****	0.0	90.3	4.0	*****	1.0	28.1	4.0
2	*****	0.0	65.4	4.0	36.3	2.0	4.5	2.0
3	*****	0.0	29.4	4.0	28.7	2.0	2.7	2.0
4	*****	0.0	*****	1.0	42.0	3.0	41.9	4.0
5	*****	0.0	39.3	3.0	53.5	5.0	15.2	6.0
6	*****	0.0	31.6	6.0	18.3	9.0	24.1	8.0
7	*****	0.0	34.8	7.0	22.7	8.0	33.4	9.0
8	*****	1.0	48.5	8.0	9.3	8.0	24.6	10.0
9	45.1	3.0	54.5	7.0	12.5	8.0	15.3	8.0
10	45.9	3.0	11.4	5.0	32.1	9.0	13.1	8.0
11	38.1	4.0	20.8	5.0	35.0	10.0	26.2	9.0
12	42.4	4.0	67.5	8.0	22.1	9.0	27.3	9.0
13	44.2	3.0	38.3	6.0	15.4	9.0	26.9	10.0
14	53.1	4.0	29.6	7.0	23.6	10.0	27.2	9.0
15	34.0	5.0	21.8	5.0	21.5	10.0	27.2	10.0
16	18.0	5.0	15.8	5.0	25.3	10.0	11.3	10.0
17	20.4	6.0	18.2	5.0	37.6	10.0	25.3	9.0
18	25.2	6.0	33.6	7.0	42.2	9.0	41.5	10.0
19	55.5	7.0	92.3	5.0	58.0	9.0	25.1	8.0
20	118.9	5.0	176.8	4.0	32.1	7.0	109.3	8.0
21	64.2	4.0	64.8	4.0	73.7	8.0	53.9	9.0
22	50.5	4.0	14.0	3.0	42.2	7.0	47.2	8.0
23	60.8	0.0	15.5	4.0	29.1	4.0	58.0	7.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SPRING

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	5.38	9.0	24	42.30	7.0	48	6.25	7.0	72	15.84	8.0
1	22.18	8.0	25	50.37	6.0	49	-3.70	5.0	73	20.52	8.0
2	4.45	7.0	26	50.54	6.0	50	14.67	6.0	74	22.17	8.0
3	17.48	7.0	27	44.08	6.0	51	24.44	7.0	75	15.76	7.0
4	44.35	6.0	28	70.68	6.0	52	10.77	5.0	76	8.48	8.0
5	73.24	7.0	29	87.23	6.0	53	35.38	7.0	77	3.53	8.0
6	6.97	6.0	30	97.25	5.0	54	17.80	7.0	78	19.60	6.0
7	30.36	5.0	31	41.17	7.0	55	18.12	8.0	79	23.42	8.0
8	0.24	5.0	32	57.78	5.0	56	6.80	7.0	80	24.55	9.0
9	5.62	6.0	33	57.33	6.0	57	19.62	8.0	81	1.81	8.0
10	39.87	7.0	34	54.66	6.0	58	7.22	7.0	82	29.33	8.0
11	38.89	4.0	35	73.25	9.0	59	17.27	7.0	83	9.59	6.0
12	64.47	6.0	36	18.61	6.0	60	4.24	7.0	84	9.00	8.0
13	116.42	5.0	37	15.29	5.0	61	13.66	7.0	85	12.97	8.0
14	60.24	5.0	38	1.15	5.0	62	4.47	9.0	86	20.01	8.0
15	79.78	6.0	39	10.75	6.0	63	8.00	9.0	87	-10.79	8.0
16	71.08	6.0	40	11.51	6.0	64	-3.24	7.0	88	2.25	7.0
17	76.74	3.0	41	10.40	6.0	65	3.61	7.0	89	14.55	7.0
18	48.75	4.0	42	23.55	6.0	66	11.08	7.0	90	17.94	6.0
19	40.06	6.0	43	9.82	6.0	67	8.79	8.0	91	3.97	7.0
20	65.39	5.0	44	14.32	7.0	68	12.38	8.0	92	-9.32	8.0
21	34.93	7.0	45	6.21	7.0	69	11.51	9.0	93	-9.22	9.0
22	71.95	8.0	46	-3.57	6.0	70	44.92	8.0	94	0.18	10.0
23	28.30	8.0	47	17.25	9.0	71	17.81	10.0	95	3.85	9.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SPRING

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	38.3	9.0	24	26.4	7.0	48	40.2	7.0	72	30.2	8.0
1	42.3	8.0	25	22.2	6.0	49	15.7	6.0	73	35.8	8.0
2	46.5	7.0	26	40.1	6.0	50	29.5	6.0	74	31.3	8.0
3	35.9	7.0	27	29.4	6.0	51	37.4	7.0	75	21.4	7.0
4	59.8	8.0	28	70.7	6.0	52	44.2	6.0	76	21.3	8.0
5	100.2	7.0	29	37.4	6.0	53	41.4	7.0	77	22.7	8.0
6	50.3	6.0	30	31.4	5.0	54	31.9	7.0	78	24.7	6.0
7	48.9	6.0	31	37.1	7.0	55	18.8	8.0	79	22.1	8.0
8	37.3	6.0	32	37.9	5.0	56	24.1	7.0	80	48.5	9.0
9	42.2	8.0	33	45.1	6.0	57	37.9	6.0	81	17.0	8.0
10	61.4	7.0	34	72.9	6.0	58	30.4	7.0	82	46.8	8.0
11	80.5	4.0	35	46.7	6.0	59	41.8	7.0	83	22.3	6.0
12	70.3	6.0	36	54.9	6.0	60	11.0	7.0	84	27.7	8.0
13	74.1	5.0	37	38.0	5.0	61	41.9	7.0	85	47.5	8.0
14	41.8	5.0	38	24.8	5.0	62	35.6	9.0	86	44.7	8.0
15	50.7	6.0	39	18.7	6.0	63	24.4	9.0	87	15.4	8.0
16	45.4	6.0	40	19.9	6.0	64	9.5	7.0	88	18.3	7.0
17	78.4	3.0	41	7.8	6.0	65	17.7	7.0	89	30.1	7.0
18	38.0	4.0	42	16.1	6.0	66	33.3	7.0	90	41.3	6.0
19	64.7	6.0	43	24.2	6.0	67	30.7	8.0	91	23.2	7.0
20	74.8	5.0	44	55.7	7.0	68	35.7	8.0	92	31.9	8.0
21	40.3	7.0	45	30.0	7.0	69	32.3	9.0	93	31.8	9.0
22	38.2	8.0	46	14.9	6.0	70	109.5	8.0	94	29.6	10.0
23	33.7	8.0	47	69.6	9.0	71	43.5	10.0	95	40.1	9.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SPRING

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =11

LOCAL TIME	SD1	NO. STORMS	SD2	NO. STORMS	SD3	NO. STORMS	SD4	NO. STORMS
0	******	0.0	42.22	6.0	110.02	4.0	15.49	4.0
1	******	0.0	83.98	4.0	97.47	1.0	9.76	4.0
2	******	0.0	56.42	4.0	141.00	2.0	-9.91	2.0
3	******	0.0	124.79	4.0	93.91	2.0	-2.73	2.0
4	******	0.0	177.01	1.0	81.65	3.0	5.10	4.0
5	******	0.0	66.21	3.0	46.03	5.0	6.20	5.0
6	******	0.0	20.15	6.0	12.74	6.0	-1.69	8.0
7	******	0.0	15.31	7.0	23.10	8.0	-5.54	9.0
8	-10.00	1.0	18.42	8.0	19.31	8.0	2.86	10.0
9	21.81	3.0	44.63	7.0	0.31	8.0	-2.36	8.0
10	-2.21	3.0	25.76	8.0	10.44	9.0	15.44	8.0
11	-5.70	4.0	40.07	5.0	10.92	10.0	18.15	9.0
12	-4.83	4.0	43.21	8.0	5.14	9.0	2.39	8.0
13	-12.09	3.0	19.17	6.0	5.99	9.0	3.19	10.0
14	1.25	4.0	31.00	7.0	5.72	10.0	-0.61	3.0
15	-5.78	5.0	43.80	5.0	10.03	10.0	2.86	10.0
16	-10.45	5.0	41.25	5.0	8.18	10.0	-0.76	10.0
17	-31.57	6.0	43.59	5.0	2.24	10.0	3.85	9.0
18	26.15	5.0	24.14	7.0	-20.80	9.0	7.62	10.0
19	37.46	7.0	60.91	5.0	-19.18	9.0	24.03	8.0
20	30.14	5.0	1.67	4.0	0.60	7.0	10.09	8.0
21	34.91	4.0	5.73	4.0	0.86	8.0	36.21	9.0
22	44.81	4.0	73.17	3.0	1.01	7.0	21.57	8.0
23	41.15	1.0	81.21	4.0	0.0	4.0	31.00	7.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: SPRING

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	0.0	9.0	24	47.63	7.0	48	0.0	7.0	72	17.54	8.0
1	6.28	8.0	25	50.94	6.0	49	-3.45	6.0	73	11.34	8.0
2	-5.21	7.0	26	41.21	6.0	50	6.92	6.0	74	14.96	9.0
3	14.37	7.0	27	38.78	6.0	51	6.15	7.0	75	17.38	7.0
4	10.50	3.0	28	31.97	6.0	52	1.58	5.0	76	3.91	8.0
5	76.84	7.0	29	60.06	6.0	53	22.62	7.0	77	-1.82	8.0
6	-12.15	5.0	30	31.20	5.0	54	13.41	7.0	78	7.54	6.0
7	10.13	5.0	31	33.13	7.0	55	15.13	8.0	79	15.90	8.0
8	11.85	5.0	32	47.59	5.0	56	5.90	7.0	80	5.48	9.0
9	23.07	3.0	33	32.15	6.0	57	4.25	8.0	81	-2.61	8.0
10	30.46	7.0	34	19.66	6.0	58	0.0	7.0	82	10.61	8.0
11	1.55	4.0	35	32.52	9.0	59	-10.95	7.0	83	6.34	6.0
12	29.75	5.0	36	6.03	6.0	60	0.0	7.0	84	-3.42	8.0
13	147.00	5.0	37	4.42	5.0	61	1.01	7.0	85	-1.81	8.0
14	76.68	5.0	38	-9.80	5.0	62	0.0	9.0	86	4.86	8.0
15	69.22	6.0	39	12.12	6.0	63	-0.75	8.0	87	-6.14	8.0
16	72.16	6.0	40	10.28	6.0	64	-4.63	7.0	88	-3.45	7.0
17	41.25	3.0	41	10.17	6.0	65	-0.59	7.0	89	0.59	7.0
18	37.35	4.0	42	21.49	6.0	66	-0.93	7.0	90	1.92	6.0
19	82.88	5.0	43	12.14	6.0	67	0.98	8.0	91	10.59	7.0
20	22.67	5.0	44	31.58	7.0	68	3.20	8.0	92	-16.00	9.0
21	18.21	7.0	45	4.74	7.0	69	10.14	9.0	93	-6.40	9.0
22	32.04	8.0	46	-6.38	6.0	70	15.09	8.0	94	-2.48	10.0
23	20.04	8.0	47	4.66	9.0	71	17.21	10.0	95	-1.27	9.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: EQUINOCTAL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-19.52	1.0	61.63	10.0	90.40	8.0	20.84	11.0
1	-0.32	1.0	84.12	8.0	83.30	2.0	34.83	10.0
2	*****	0.0	68.43	7.0	73.33	5.0	38.93	7.0
3	-0.30	2.0	104.46	7.0	51.43	3.0	34.00	4.0
4	-0.04	3.0	114.49	3.0	50.75	3.0	50.39	5.0
5	29.29	2.0	42.22	6.0	53.01	7.0	15.27	11.0
6	17.59	3.0	27.75	13.0	7.40	16.0	5.89	13.0
7	30.46	7.0	25.80	14.0	10.61	19.0	-1.07	20.0
8	17.92	4.0	34.73	17.0	8.79	16.0	8.36	20.0
9	14.81	7.0	45.56	17.0	5.03	15.0	-0.15	18.0
10	37.66	8.0	38.93	13.0	10.39	17.0	8.28	16.0
11	22.39	10.0	34.58	14.0	19.24	18.0	7.40	19.0
12	9.03	10.0	54.17	17.0	7.75	17.0	11.38	17.0
13	17.71	11.0	37.82	14.0	5.72	17.0	16.20	20.0
14	30.38	12.0	34.38	10.0	6.23	20.0	5.87	15.0
15	12.91	13.0	33.35	13.0	7.52	19.0	7.30	18.0
16	-5.01	13.0	34.16	15.0	5.24	21.0	0.51	20.0
17	-33.46	12.0	24.24	14.0	8.03	21.0	4.28	18.0
18	22.44	14.0	57.20	17.0	-1.37	20.0	10.37	19.0
19	43.58	14.0	52.01	14.0	13.79	20.0	13.66	17.0
20	31.65	10.0	65.77	13.0	34.22	18.0	40.93	16.0
21	84.40	9.0	71.15	11.0	23.72	18.0	29.76	15.0
22	92.71	10.0	65.44	8.0	22.81	15.0	35.03	15.0
23	72.86	10.0	47.80	11.0	14.32	13.0	32.60	13.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	1.0	72.6	10.0	34.3	8.0	22.4	11.0
1	*****	1.0	75.1	8.0	14.2	2.0	36.7	10.0
2	*****	0.0	61.0	7.0	62.4	5.0	43.7	7.0
3	9.9	2.0	35.8	7.0	54.5	3.0	40.2	4.0
4	6.5	3.0	45.1	3.0	42.9	3.0	66.3	5.0
5	26.6	2.0	36.4	6.0	57.5	7.0	27.8	11.0
6	26.7	3.0	40.4	13.0	13.5	16.0	21.5	13.0
7	25.2	3.0	37.2	14.0	20.2	19.0	25.9	20.0
8	28.5	4.0	45.4	17.0	15.9	16.0	24.1	20.0
9	29.2	7.0	45.8	17.0	13.7	15.0	20.1	18.0
10	36.9	8.0	29.6	13.0	30.7	17.0	19.5	16.0
11	40.0	10.0	24.8	14.0	32.2	18.0	33.3	19.0
12	36.8	10.0	59.4	17.0	21.3	17.0	26.3	17.0
13	31.5	11.0	50.6	14.0	16.9	17.0	31.8	20.0
14	54.7	12.0	33.5	15.0	23.0	20.0	25.1	16.0
15	33.7	13.0	30.6	15.0	20.9	19.0	25.3	19.0
16	18.2	13.0	57.0	15.0	21.5	21.0	22.7	20.0
17	27.0	12.0	26.7	14.0	37.7	21.0	25.2	18.0
18	73.6	14.0	100.7	17.0	37.8	20.0	39.5	19.0
19	71.6	14.0	95.3	14.0	49.1	20.0	32.3	17.0
20	80.8	10.0	96.2	13.0	70.4	18.0	90.1	16.0
21	81.6	9.0	110.5	11.0	62.7	18.0	51.0	15.0
22	78.4	10.0	43.7	8.0	59.9	15.0	63.2	15.0
23	57.5	10.0	33.4	11.0	31.0	13.0	80.9	13.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: EQUINOCTAL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

STARTOM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	19.70	18.0	24	44.70	13.0	48	10.04	11.0	72	11.24	14.0
1	36.98	14.0	25	40.70	11.0	49	2.21	13.0	73	15.91	16.0
2	13.98	16.0	26	41.18	11.0	50	16.42	13.0	74	14.47	15.0
3	11.25	16.0	27	29.09	12.0	51	17.16	15.0	75	5.19	14.0
4	26.09	15.0	28	61.17	10.0	52	13.11	13.0	76	10.11	14.0
5	57.22	15.0	29	58.75	13.0	53	21.37	16.0	77	12.31	17.0
6	17.00	10.0	30	51.01	13.0	54	14.76	17.0	78	15.39	14.0
7	44.37	10.0	31	70.85	12.0	55	24.17	18.0	79	10.51	15.0
8	20.00	10.0	32	36.13	13.0	56	16.67	16.0	80	22.39	19.0
9	43.75	13.0	33	41.08	13.0	57	17.89	17.0	81	26.03	18.0
10	42.47	13.0	34	56.61	14.0	58	12.38	18.0	82	7.93	16.0
11	43.03	11.0	35	37.82	13.0	59	16.40	16.0	83	5.59	15.0
12	61.00	13.0	36	25.54	14.0	60	1.32	13.0	84	1.96	16.0
13	87.03	10.0	37	37.84	13.0	61	17.60	15.0	85	8.11	14.0
14	60.00	10.0	38	5.16	9.0	62	0.62	14.0	86	32.67	13.0
15	52.58	13.0	39	34.83	10.0	63	17.58	16.0	87	0.73	16.0
16	32.58	13.0	40	22.25	10.0	64	9.40	15.0	88	9.83	15.0
17	71.66	10.0	41	35.57	12.0	65	23.51	13.0	89	8.42	14.0
18	43.06	11.0	42	12.00	10.0	66	5.39	14.0	90	7.78	12.0
19	53.00	15.0	43	20.84	14.0	67	5.57	17.0	91	6.56	15.0
20	48.87	12.0	44	32.49	17.0	68	15.16	19.0	92	-1.08	15.0
21	23.83	15.0	45	11.08	14.0	69	10.92	16.0	93	5.06	19.0
22	31.78	10.0	46	6.13	14.0	70	29.07	15.0	94	11.25	20.0
23	30.39	12.0	47	7.76	15.0	71	13.10	16.0	95	17.21	18.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	59.0	18.0	24	32.7	13.0	48	36.2	11.0	72	28.6	14.0
1	46.9	16.0	25	34.5	11.0	49	21.3	13.0	73	35.5	16.0
2	42.8	15.0	26	36.2	11.0	50	29.8	13.0	74	29.7	15.0
3	38.8	16.0	27	30.7	12.0	51	31.8	15.0	75	25.4	14.0
4	57.0	16.0	28	54.8	12.0	52	55.7	13.0	76	21.0	14.0
5	94.5	16.0	29	70.9	13.0	53	38.6	16.0	77	34.3	17.0
6	41.0	12.0	30	70.0	13.0	54	25.6	17.0	78	32.9	14.0
7	68.8	12.0	31	37.1	12.0	55	47.0	18.0	79	24.9	15.0
8	81.5	10.0	32	39.7	13.0	56	25.0	16.0	80	40.7	19.0
9	65.6	15.0	33	48.8	13.0	57	39.1	17.0	81	75.2	18.0
10	62.8	13.0	34	68.6	13.0	58	33.8	18.0	82	42.0	16.0
11	72.3	11.0	35	48.8	13.0	59	46.7	16.0	83	30.0	15.0
12	61.6	13.0	36	48.0	14.0	60	23.7	13.0	84	24.9	16.0
13	78.1	12.0	37	74.1	13.0	61	38.4	15.0	85	43.2	14.0
14	56.0	10.0	38	22.1	9.0	62	30.4	14.0	86	72.2	13.0
15	78.9	13.0	39	110.1	12.0	63	35.9	16.0	87	30.3	16.0
16	54.6	13.0	40	45.3	10.0	64	24.3	15.0	88	30.0	15.0
17	45.0	10.0	41	87.0	13.0	65	67.9	13.0	89	25.0	14.0
18	29.3	11.0	42	75.8	12.0	66	20.2	14.0	90	34.1	12.0
19	57.3	15.0	43	25.3	15.0	67	24.9	17.0	91	22.2	15.0
20	69.1	12.0	44	43.3	17.0	68	31.8	19.0	92	28.7	15.0
21	44.1	15.0	45	47.9	14.0	69	27.6	19.0	93	33.1	19.0
22	38.0	15.0	46	33.6	14.0	70	46.6	15.0	94	29.8	20.0
23	37.6	12.0	47	59.0	15.0	71	38.0	16.0	95	43.2	18.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: EQUINOCTAL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-10.52	1.0	58.95	10.0	98.72	8.0	14.93	11.0
1	-0.32	1.0	104.54	8.0	83.30	2.0	28.12	10.0
2	*****	0.0	83.18	7.0	59.14	5.0	38.32	7.0
3	-0.90	2.0	115.07	7.0	65.23	3.0	24.05	4.0
4	0.0	3.0	94.46	3.0	81.65	3.0	8.22	5.0
5	29.29	2.0	28.85	6.0	46.03	7.0	2.80	11.0
6	11.64	3.0	13.64	17.0	4.66	16.0	4.57	18.0
7	17.11	3.0	15.23	16.0	4.83	19.0	-10.26	20.0
8	9.69	4.0	18.67	17.0	5.57	16.0	5.82	20.0
9	16.33	7.0	44.57	17.0	0.0	15.0	-6.39	18.0
10	24.33	8.0	31.16	17.0	2.04	17.0	5.55	15.0
11	4.30	10.0	30.66	14.0	13.09	18.0	0.0	19.0
12	-1.76	10.0	39.29	17.0	5.32	17.0	4.78	17.0
13	-1.20	11.0	16.78	14.0	3.59	17.0	9.41	20.0
14	-0.74	12.0	20.50	15.0	4.67	20.0	1.01	16.0
15	9.12	17.0	41.30	15.0	7.43	19.0	1.25	19.0
16	-10.49	13.0	28.13	15.0	7.72	21.0	-0.30	20.0
17	-27.28	12.0	26.94	14.0	-0.92	21.0	5.07	18.0
18	13.49	14.0	33.56	17.0	-3.42	20.0	3.60	19.0
19	31.08	14.0	23.41	14.0	-0.77	20.0	5.32	17.0
20	0.11	10.0	32.59	13.0	15.19	18.0	11.97	16.0
21	91.45	9.0	34.45	11.0	0.0	18.0	16.93	15.0
22	72.01	10.0	64.13	8.0	1.01	15.0	15.79	15.0
23	74.09	10.0	53.96	11.0	0.0	13.0	0.0	13.0

GOOSE BAY SLAB THICKNESS 71-75 SEASON: EQUINOCTAL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	0.0	18.0	24	47.69	13.0	48	0.62	11.0	72	2.90	14.0
1	7.44	16.0	25	47.17	11.0	49	6.92	17.0	73	0.0	16.0
2	0.75	16.0	26	23.85	11.0	50	13.85	13.0	74	9.15	15.0
3	5.55	16.0	27	28.75	12.0	51	9.13	15.0	75	4.43	14.0
4	0.75	18.0	28	44.31	12.0	52	-4.18	17.0	76	5.56	14.0
5	34.97	15.0	29	31.12	13.0	53	5.16	16.0	77	2.43	17.0
6	13.31	12.0	30	31.16	13.0	54	13.41	17.0	78	7.54	14.0
7	14.26	12.0	31	28.39	12.0	55	15.13	18.0	79	11.04	15.0
8	11.68	10.0	32	30.23	13.0	56	14.13	16.0	80	0.0	19.0
9	32.14	13.0	33	28.34	13.0	57	8.73	17.0	81	0.13	18.0
10	22.55	13.0	34	19.66	14.0	58	0.0	18.0	82	0.04	16.0
11	14.67	11.0	35	4.51	13.0	59	0.0	16.0	83	0.0	15.0
12	50.42	13.0	36	22.97	14.0	60	0.0	13.0	84	-5.94	16.0
13	72.19	13.0	37	37.65	13.0	61	5.80	15.0	85	-4.34	14.0
14	49.90	10.0	38	6.46	9.0	62	-3.41	14.0	86	7.74	13.0
15	17.09	13.0	39	9.35	12.0	63	0.53	16.0	87	-3.40	16.0
16	25.50	13.0	40	9.82	12.0	64	-2.27	15.0	88	0.0	15.0
17	1.78	10.0	41	11.74	13.0	65	8.22	13.0	89	0.30	14.0
18	43.93	11.0	42	8.89	12.0	66	-0.03	14.0	90	-0.85	12.0
19	31.22	15.0	43	22.63	14.0	67	0.0	17.0	91	10.46	15.0
20	31.61	12.0	44	12.34	17.0	68	18.70	14.0	92	-5.11	15.0
21	10.45	15.0	45	9.92	14.0	69	10.14	19.0	93	-3.07	19.0
22	21.26	15.0	46	2.09	14.0	70	6.83	15.0	94	7.50	20.0
23	20.04	12.0	47	2.94	15.0	71	9.87	16.0	95	11.73	18.0

TABLE 3

Tabulated Values For Average and Median Storm Patterns

SAGAMORE HILL TEC DATA

SAGAMORE HILL TEC 71-75 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DAILY VARIATIONS (GD) **** = NO DATA * ANALYZED THIS RUN = 109

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	20.96	27.0	6.71	107.0	-20.52	106.0	-10.02	103.0
1	9.58	28.0	4.69	108.0	-22.95	106.0	-12.74	102.0
2	1.27	30.0	-1.79	108.0	-25.17	105.0	-12.45	101.0
3	0.51	34.0	-3.84	108.0	-27.46	105.0	-10.18	101.0
4	0.44	35.0	-7.45	108.0	-26.11	106.0	-12.05	101.0
5	0.37	35.0	-10.84	108.0	-20.57	106.0	-12.14	101.0
6	7.45	36.0	-10.07	108.0	-12.45	106.0	-9.18	101.0
7	0.77	38.0	-9.70	109.0	-5.13	105.0	-1.45	101.0
8	2.61	50.0	-9.59	109.0	-1.99	105.0	-0.44	100.0
9	9.57	54.0	-7.21	109.0	0.77	105.0	1.20	101.0
10	16.70	59.0	-5.31	108.0	0.65	105.0	0.31	100.0
11	23.43	62.0	-3.68	108.0	2.09	104.0	0.47	100.0
12	25.50	67.0	-5.63	108.0	2.99	104.0	1.44	100.0
13	31.90	71.0	-5.74	107.0	3.10	104.0	1.35	100.0
14	34.08	77.0	-7.54	108.0	2.83	104.0	1.38	100.0
15	33.25	79.0	-4.42	109.0	1.99	104.0	0.07	99.0
16	35.55	87.0	-5.73	108.0	0.50	104.0	0.08	99.0
17	39.02	88.0	-5.44	109.0	2.58	104.0	1.32	99.0
18	41.02	93.0	-5.75	108.0	3.50	104.0	2.25	99.0
19	38.74	94.0	-5.88	108.0	0.52	103.0	1.74	99.0
20	30.18	92.0	-13.19	104.0	-5.51	102.0	-2.56	99.0
21	28.05	95.0	-14.10	104.0	-8.89	102.0	-4.37	99.0
22	20.34	100.0	-18.18	103.0	-8.52	102.0	-4.10	99.0
23	12.08	102.0	-19.79	103.0	-9.14	102.0	-5.35	99.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	53.3	27.0	37.7	107.0	29.4	106.0	28.5	103.0
1	41.8	28.0	41.7	108.0	20.0	105.0	30.0	102.0
2	73.4	30.0	37.1	108.0	28.5	105.0	33.0	101.0
3	71.7	34.0	38.3	108.0	28.3	106.0	35.0	101.0
4	30.1	35.0	31.1	108.0	28.5	106.0	34.4	101.0
5	30.6	36.0	30.7	108.0	27.2	106.0	29.3	101.0
6	27.3	36.0	20.4	108.0	21.1	106.0	21.8	101.0
7	17.1	38.0	16.9	109.0	18.5	105.0	18.5	101.0
8	17.1	50.0	17.8	109.0	24.0	105.0	15.9	100.0
9	17.8	54.0	19.8	109.0	26.6	105.0	17.3	101.0
10	21.4	59.0	22.8	108.0	22.6	105.0	17.8	100.0
11	24.1	62.0	23.1	108.0	24.3	104.0	17.6	100.0
12	24.1	67.0	27.0	108.0	25.5	104.0	18.4	100.0
13	34.2	71.0	28.3	107.0	25.3	104.0	18.8	100.0
14	38.8	77.0	27.6	108.0	25.7	104.0	18.1	100.0
15	40.8	79.0	25.0	109.0	27.5	104.0	15.7	99.0
16	44.8	87.0	28.1	108.0	21.2	104.0	16.8	99.0
17	44.2	88.0	26.9	109.0	21.9	104.0	18.0	98.0
18	45.5	93.0	26.0	108.0	24.6	104.0	20.6	98.0
19	44.3	94.0	29.6	108.0	27.3	103.0	23.1	98.0
20	46.5	92.0	32.0	104.0	21.5	102.0	21.5	98.0
21	48.3	95.0	28.7	104.0	22.1	102.0	23.7	92.0
22	44.9	100.0	27.7	103.0	22.6	102.0	25.0	92.0
23	40.3	102.0	24.9	103.0	23.8	102.0	23.0	92.0

SAGAMORE HILL TEC 71-75 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DST VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 109

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	7.59	109.0	24	-6.23	108.0	48	-4.34	104.0	72	-1.04	100.0
1	7.59	109.0	25	-6.21	108.0	49	-5.19	104.0	73	-1.61	99.0
2	13.30	109.0	26	-7.72	108.0	50	-6.97	105.0	74	-0.27	100.0
3	17.18	109.0	27	-7.63	108.0	51	-7.81	103.0	75	0.53	100.0
4	21.35	109.0	28	-6.77	107.0	52	-7.23	102.0	76	-0.35	99.0
5	20.74	109.0	29	-5.55	107.0	53	-4.46	102.0	77	-1.74	99.0
6	30.57	108.0	30	-4.27	108.0	54	-4.11	102.0	78	-0.55	99.0
7	23.20	109.0	31	-3.10	108.0	55	-3.87	102.0	79	-1.12	99.0
8	21.77	108.0	32	-6.70	108.0	56	-4.50	103.0	80	-0.39	99.0
9	17.93	108.0	33	-9.74	108.0	57	-4.41	101.0	81	-1.59	99.0
10	17.78	108.0	34	-8.38	108.0	58	-3.49	102.0	82	-1.68	98.0
11	15.03	108.0	35	-9.04	107.0	59	-3.59	101.0	83	-2.55	98.0
12	11.88	108.0	36	-10.13	106.0	60	-5.32	103.0	84	-4.77	97.0
13	11.35	108.0	37	-10.41	106.0	61	-3.41	103.0	85	-4.42	97.0
14	8.79	107.0	38	-11.05	108.0	62	-5.54	104.0	86	-4.37	97.0
15	3.55	107.0	39	-10.12	105.0	63	-4.56	104.0	87	-2.62	97.0
16	0.35	108.0	40	-11.75	106.0	64	-4.51	104.0	88	-1.27	97.0
17	-0.57	108.0	41	-13.50	106.0	65	-5.27	103.0	89	-1.73	96.0
18	-1.30	108.0	42	-11.69	106.0	66	-4.04	103.0	90	-1.00	94.0
19	-0.27	108.0	43	-8.35	106.0	67	-3.26	102.0	91	-3.21	96.0
20	-0.77	106.0	44	-7.50	108.0	68	-4.65	102.0	92	-5.02	97.0
21	0.05	108.0	45	-8.13	104.0	69	-3.81	101.0	93	-4.68	97.0
22	-0.96	108.0	46	-4.32	104.0	70	-1.83	100.0	94	-2.75	98.0
23	-4.92	108.0	47	-4.12	104.0	71	-0.96	100.0	95	-2.21	98.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	21.7	109.0	24	30.4	108.0	48	20.2	104.0	72	22.5	100.0
1	24.0	109.0	25	29.3	108.0	49	30.3	104.0	73	22.9	99.0
2	30.4	109.0	26	30.0	108.0	50	28.2	105.0	74	20.7	100.0
3	32.8	109.0	27	25.9	108.0	51	26.5	103.0	75	23.1	100.0
4	38.7	109.0	28	31.0	107.0	52	27.5	102.0	76	20.8	99.0
5	44.1	109.0	29	32.0	107.0	53	27.1	102.0	77	23.2	99.0
6	45.6	109.0	30	32.8	108.0	54	28.5	102.0	78	24.4	99.0
7	48.5	109.0	31	37.5	108.0	55	25.8	102.0	79	25.9	99.0
8	42.7	108.0	32	29.6	108.0	56	23.0	103.0	80	25.6	99.0
9	41.0	108.0	33	26.3	108.0	57	24.3	101.0	81	24.2	99.0
10	43.2	108.0	34	28.3	108.0	58	24.4	102.0	82	22.7	98.0
11	47.2	108.0	35	29.1	107.0	59	25.2	101.0	83	24.6	98.0
12	45.5	108.0	36	31.3	106.0	60	27.0	103.0	84	22.2	97.0
13	49.2	108.0	37	31.1	106.0	61	28.2	103.0	85	22.3	97.0
14	45.3	107.0	38	33.5	105.0	62	28.0	104.0	86	23.3	97.0
15	43.7	107.0	39	33.7	105.0	63	26.7	104.0	87	20.5	97.0
16	37.4	108.0	40	30.7	105.0	64	25.6	104.0	88	20.7	97.0
17	34.2	108.0	41	27.0	106.0	65	25.2	103.0	89	21.1	96.0
18	34.0	108.0	42	24.3	106.0	66	25.4	103.0	90	22.0	94.0
19	35.4	108.0	43	22.3	106.0	67	23.1	102.0	91	24.1	96.0
20	37.8	108.0	44	20.7	106.0	68	21.7	102.0	92	21.7	97.0
21	39.0	108.0	45	23.3	104.0	69	21.3	101.0	93	23.5	97.0
22	33.0	108.0	46	23.3	104.0	70	20.9	100.0	94	22.1	98.0
23	31.2	108.0	47	24.3	104.0	71	21.8	100.0	95	21.3	98.0

SAGAMORE HILL TEC 71-75 GEOMAGNETIC STORM ANAYLSIS

MEDIAN DAILY VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 109

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	7.85	27.0	7.41	107.0	-24.28	106.0	-10.11	103.0
1	7.87	28.0	0.0	108.0	-27.57	106.0	-14.61	102.0
2	0.0	30.0	-4.55	108.0	-27.15	106.0	-15.00	101.0
3	-1.85	34.0	-10.00	108.0	-33.37	106.0	-12.90	101.0
4	0.0	35.0	-10.87	108.0	-20.49	106.0	-16.00	101.0
5	0.0	35.0	-14.09	108.0	-10.51	105.0	-13.54	101.0
6	3.75	35.0	-10.35	108.0	-13.98	106.0	-8.85	101.0
7	0.0	38.0	-8.64	109.0	-4.98	105.0	-3.51	101.0
8	0.0	50.0	-11.25	109.0	-3.69	106.0	0.0	100.0
9	7.98	54.0	-5.14	109.0	-2.11	106.0	0.0	101.0
10	15.22	59.0	-5.90	108.0	0.0	105.0	0.0	100.0
11	20.87	62.0	-8.55	108.0	0.0	104.0	0.0	100.0
12	21.60	67.0	-9.31	108.0	-0.98	104.0	-0.70	100.0
13	20.58	71.0	-8.12	107.0	0.0	104.0	0.0	100.0
14	27.97	77.0	-7.11	108.0	-0.32	104.0	-0.16	100.0
15	25.42	79.0	-9.73	109.0	0.25	104.0	-1.00	99.0
16	25.86	87.0	-12.21	108.0	1.97	104.0	-1.08	99.0
17	32.77	88.0	-9.81	109.0	1.28	104.0	-0.26	98.0
18	31.15	93.0	-10.54	108.0	1.50	104.0	0.0	98.0
19	25.97	94.0	-13.66	108.0	0.0	103.0	0.0	98.0
20	25.00	92.0	-15.64	104.0	-7.61	100.0	-0.63	97.0
21	21.15	95.0	-20.00	104.0	-8.54	102.0	-3.29	97.0
22	16.25	100.0	-20.00	103.0	-8.35	102.0	-4.32	97.0
23	9.55	102.0	-23.08	103.0	-7.02	102.0	-5.77	97.0

SAGAMORE HILL TEC 71-75 GEOMAGNETIC STORM ANAYLSIS

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	4.00	109.0	24	-6.95	108.0	48	-5.53	104.0	72	-1.02	100.0
1	6.35	109.0	25	-6.70	108.0	49	-5.07	104.0	73	-2.00	99.0
2	9.16	109.0	26	-6.71	108.0	50	-7.14	105.0	74	0.0	100.0
3	15.38	109.0	27	-9.95	108.0	51	-7.10	103.0	75	-1.57	100.0
4	19.44	108.0	28	-10.20	107.0	52	-7.35	102.0	76	-0.75	99.0
5	21.37	108.0	29	-6.87	107.0	53	-5.78	102.0	77	-3.31	99.0
6	22.10	108.0	30	-7.20	108.0	54	-3.03	102.0	78	-2.56	99.0
7	20.00	108.0	31	-7.03	108.0	55	-3.45	102.0	79	-1.18	99.0
8	17.30	108.0	32	-9.65	108.0	56	-2.61	103.0	80	0.0	99.0
9	9.09	108.0	33	-12.01	108.0	57	-2.31	101.0	81	-0.56	98.0
10	5.17	108.0	34	-11.44	108.0	58	0.0	102.0	82	-1.30	98.0
11	4.75	108.0	35	-10.46	107.0	59	-2.50	101.0	83	-3.04	98.0
12	2.04	108.0	36	-9.90	106.0	60	-4.42	105.0	84	-2.63	97.0
13	0.0	108.0	37	-8.63	106.0	61	-7.41	107.0	85	-3.08	97.0
14	-3.64	107.0	38	-13.51	105.0	62	-6.51	104.0	86	-3.85	97.0
15	-7.89	107.0	39	-13.07	105.0	63	-4.81	104.0	87	-1.01	97.0
16	-9.32	108.0	40	-11.64	106.0	64	-5.78	104.0	88	-3.57	97.0
17	-8.74	108.0	41	-10.33	106.0	65	-2.80	103.0	89	-2.34	96.0
18	-10.74	108.0	42	-13.82	106.0	66	-1.19	103.0	90	-3.89	94.0
19	-17.44	108.0	43	-10.03	108.0	67	-1.34	102.0	91	-4.04	93.0
20	-9.13	108.0	44	-9.85	108.0	68	-3.08	102.0	92	-4.00	97.0
21	-9.72	108.0	45	-11.94	104.0	69	-0.85	101.0	93	-4.92	97.0
22	-4.53	108.0	46	-4.98	104.0	70	-0.58	100.0	94	-1.89	98.0
23	-9.79	108.0	47	-6.52	104.0	71	-2.61	100.0	95	0.0	98.0

SAGAMORE HILL TEC 71-75 SEASON: SUMMER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =35

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-9.96	6.0	8.44	35.0	-18.16	33.0	-4.29	32.0
1	4.19	7.0	7.19	35.0	-18.49	33.0	-11.72	31.0
2	4.44	7.0	2.45	35.0	-22.56	33.0	-11.07	31.0
3	3.19	8.0	4.21	35.0	-24.63	33.0	-7.04	31.0
4	0.47	8.0	1.34	35.0	-21.85	33.0	-5.62	31.0
5	17.76	8.0	-1.44	35.0	-9.41	33.0	-3.34	31.0
6	1.57	8.0	-8.45	35.0	-6.44	33.0	-2.39	31.0
7	-4.60	9.0	-14.88	35.0	-9.74	33.0	-3.91	31.0
8	-0.75	13.0	-15.49	35.0	-10.07	33.0	-3.45	31.0
9	4.19	17.0	-11.41	35.0	-7.93	33.0	0.08	32.0
10	7.79	14.0	-9.50	35.0	-7.57	33.0	1.06	32.0
11	16.47	16.0	-10.83	35.0	-7.50	33.0	2.28	32.0
12	13.14	18.0	-10.90	35.0	-7.31	33.0	3.05	32.0
13	14.72	18.0	-12.21	34.0	-7.86	33.0	3.00	32.0
14	15.71	20.0	-10.15	35.0	-7.55	33.0	2.79	32.0
15	15.55	21.0	-12.62	35.0	-7.58	33.0	0.04	31.0
16	13.97	25.0	-10.37	35.0	-6.74	33.0	1.08	31.0
17	25.41	25.0	-12.19	35.0	-4.49	33.0	2.55	30.0
18	25.10	28.0	-13.50	35.0	-4.79	33.0	1.34	30.0
19	23.37	29.0	-12.62	35.0	-4.54	32.0	1.32	30.0
20	24.49	30.0	-15.14	33.0	-7.95	31.0	-1.55	28.0
21	29.17	30.0	-15.08	33.0	-4.91	31.0	-1.94	28.0
22	22.61	34.0	-15.80	33.0	-1.55	31.0	0.74	28.0
23	12.58	34.0	-15.40	32.0	-1.22	31.0	-0.80	28.0

SAGAMORE HILL TEC 71-75 SEASON: SUMMER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	6.8	6.0	34.8	35.0	28.0	33.0	28.2	32.0
1	18.6	7.0	40.5	35.0	29.3	33.0	33.2	31.0
2	25.2	7.0	44.3	35.0	28.6	33.0	37.4	31.0
3	24.2	8.0	42.4	35.0	27.0	33.0	36.1	31.0
4	21.3	8.0	35.3	35.0	21.5	33.0	38.3	31.0
5	32.0	8.0	27.0	35.0	15.3	33.0	20.4	31.0
6	6.5	8.0	14.8	35.0	17.5	33.0	16.7	31.0
7	8.7	9.0	17.3	35.0	18.0	33.0	16.1	31.0
8	11.4	13.0	15.3	35.0	17.6	33.0	15.7	31.0
9	15.6	13.0	18.2	35.0	19.3	33.0	17.8	32.0
10	21.2	14.0	19.0	35.0	18.4	33.0	19.4	32.0
11	21.1	16.0	18.7	35.0	18.0	33.0	20.0	32.0
12	19.7	18.0	19.4	35.0	17.8	33.0	21.3	32.0
13	25.1	18.0	19.7	34.0	19.2	33.0	19.6	32.0
14	22.6	20.0	22.1	35.0	20.4	33.0	18.9	32.0
15	22.5	21.0	21.1	35.0	20.4	33.0	15.7	31.0
16	27.9	23.0	21.2	35.0	19.5	33.0	14.3	31.0
17	33.3	25.0	24.9	35.0	20.0	33.0	15.4	30.0
18	30.3	28.0	27.8	35.0	18.8	33.0	16.8	30.0
19	26.1	29.0	24.1	35.0	20.4	32.0	16.3	30.0
20	35.4	30.0	21.1	33.0	19.6	31.0	12.0	28.0
21	46.4	30.0	25.3	33.0	34.7	31.0	17.7	28.0
22	43.8	34.0	24.6	32.0	25.0	31.0	17.4	28.0
23	42.1	34.0	27.3	32.0	26.1	31.0	18.0	28.0

SAGAMORE HILL TEC 71-75 SEASON: SUMMER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =35

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	6.15	35.0	24	-10.05	34.0	48	-11.14	33.0	72	0.02	30.0
1	8.10	35.0	25	-9.47	34.0	49	-13.70	32.0	73	1.40	30.0
2	10.20	35.0	26	-9.14	35.0	50	-14.45	32.0	74	3.47	31.0
3	15.37	35.0	27	-12.02	35.0	51	-14.98	31.0	75	5.37	31.0
4	16.66	35.0	28	-13.19	35.0	52	-13.40	30.0	76	4.00	30.0
5	22.71	35.0	29	-14.10	35.0	53	-9.77	30.0	77	0.78	30.0
6	23.27	35.0	30	-10.03	35.0	54	-9.25	30.0	78	3.01	30.0
7	22.93	35.0	31	-4.97	35.0	55	-3.53	30.0	79	1.06	30.0
8	17.70	35.0	32	-5.43	34.0	56	-12.04	31.0	80	1.23	31.0
9	23.46	35.0	33	-7.99	35.0	57	-8.90	30.0	81	2.26	31.0
10	18.38	35.0	34	-5.60	35.0	58	-7.40	31.0	82	2.91	31.0
11	9.07	35.0	35	-6.37	34.0	59	-4.72	31.0	83	4.02	31.0
12	3.45	35.0	36	-9.55	33.0	60	-4.51	31.0	84	5.96	31.0
13	1.55	35.0	37	-8.89	33.0	61	-3.49	31.0	85	6.13	31.0
14	-0.70	35.0	38	-10.70	33.0	62	-3.44	32.0	86	6.57	31.0
15	-4.81	35.0	39	-12.31	32.0	63	-2.53	32.0	87	4.05	31.0
16	-8.85	35.0	40	-12.66	33.0	64	-2.84	32.0	88	2.70	31.0
17	-9.54	35.0	41	-15.62	33.0	65	-3.46	32.0	89	0.42	30.0
18	-9.83	35.0	42	-13.33	33.0	66	-1.15	32.0	90	1.85	30.0
19	-10.74	35.0	43	-13.81	33.0	67	-1.49	31.0	91	-2.52	30.0
20	-11.50	35.0	44	-13.81	33.0	68	-2.60	31.0	92	-3.83	31.0
21	-11.15	35.0	45	-11.98	33.0	69	-1.70	31.0	93	-2.86	31.0
22	-9.82	34.0	46	-10.60	33.0	70	-2.17	30.0	94	-1.62	31.0
23	-11.79	34.0	47	-10.06	33.0	71	-0.65	30.0	95	0.33	31.0

SAGAMORE HILL TEC 71-75 SEASON: SUMMER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	17.8	35.0	24	21.2	34.0	48	17.2	33.0	72	12.4	30.0
1	22.3	35.0	25	24.7	34.0	49	19.7	32.0	73	13.5	30.0
2	26.7	35.0	26	27.7	35.0	50	25.5	32.0	74	15.4	31.0
3	26.5	35.0	27	25.8	35.0	51	24.3	31.0	75	18.7	31.0
4	30.1	35.0	28	27.6	35.0	52	23.5	30.0	76	15.9	30.0
5	34.8	35.0	29	28.7	35.0	53	20.3	30.0	77	18.3	30.0
6	35.0	35.0	30	31.8	35.0	54	23.1	30.0	78	23.3	30.0
7	37.3	35.0	31	30.3	35.0	55	27.1	30.0	79	24.7	30.0
8	33.5	35.0	32	30.5	35.0	56	23.1	31.0	80	25.0	31.0
9	41.7	33.0	33	31.4	35.0	57	23.5	30.0	81	19.9	31.0
10	41.5	35.0	34	27.7	35.0	58	25.9	31.0	82	20.9	31.0
11	34.9	35.0	35	24.3	34.0	59	26.5	31.0	83	20.9	31.0
12	32.5	35.0	36	22.4	33.0	60	26.9	31.0	84	23.3	31.0
13	33.6	35.0	37	25.3	33.0	61	23.2	31.0	85	27.8	31.0
14	29.3	35.0	38	25.8	33.0	62	23.4	32.0	86	29.7	31.0
15	24.9	35.0	39	20.4	32.0	63	25.9	32.0	87	25.1	31.0
16	22.7	35.0	40	18.1	33.0	64	25.0	32.0	88	25.2	31.0
17	20.7	35.0	41	18.4	33.0	65	25.1	32.0	89	20.0	30.0
18	23.9	35.0	42	19.3	33.0	66	23.7	32.0	90	19.5	30.0
19	23.0	35.0	43	18.5	33.0	67	18.2	31.0	91	17.1	30.0
20	23.6	35.0	44	14.3	33.0	68	15.9	31.0	92	17.5	31.0
21	25.3	35.0	45	14.1	33.0	69	16.0	31.0	93	16.7	31.0
22	22.4	34.0	46	14.4	33.0	70	12.7	30.0	94	17.8	31.0
23	20.1	34.0	47	16.4	33.0	71	11.8	30.0	95	18.1	31.0

SAGAMORE HILL TEC 71-75 SEASON: SUMMER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =35

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-10.80	6.0	7.27	35.0	-20.51	33.0	-5.88	32.0
1	2.04	7.0	8.04	35.0	-17.02	37.0	-7.53	31.0
2	8.11	7.0	2.50	35.0	-20.00	33.0	-8.95	31.0
3	0.0	8.0	0.0	35.0	-25.00	33.0	-9.52	31.0
4	-2.00	8.0	-4.00	35.0	-17.39	33.0	-13.04	31.0
5	4.44	8.0	-7.69	35.0	-9.43	33.0	-5.55	31.0
6	1.75	9.0	-5.62	35.0	-9.60	33.0	-5.55	31.0
7	-2.22	9.0	-16.90	35.0	-11.07	33.0	-7.29	31.0
8	-2.04	13.0	-14.74	35.0	-11.61	33.0	-3.95	31.0
9	5.10	13.0	-10.84	35.0	-9.01	33.0	-3.50	30.0
10	9.85	14.0	-13.00	35.0	-6.52	33.0	-2.61	32.0
11	17.20	16.0	-13.53	35.0	-9.43	33.0	-2.86	30.0
12	10.93	19.0	-13.02	35.0	-9.90	33.0	-4.32	32.0
13	13.75	18.0	-16.03	34.0	-9.48	33.0	-1.92	32.0
14	17.88	20.0	-16.07	35.0	-8.47	33.0	-0.94	32.0
15	11.11	21.0	-15.04	35.0	-7.14	33.0	-3.57	31.0
16	11.64	25.0	-14.69	35.0	-8.40	33.0	-2.70	31.0
17	17.60	25.0	-18.48	35.0	-11.11	33.0	-0.25	30.0
18	20.29	28.0	-18.00	35.0	-5.25	33.0	0.0	30.0
19	22.47	29.0	-15.60	35.0	-3.14	30.0	0.0	30.0
20	24.78	30.0	-21.02	33.0	-7.63	31.0	-4.12	28.0
21	15.11	30.0	-17.28	33.0	-4.22	31.0	-2.30	28.0
22	14.74	34.0	-13.07	32.0	-2.17	31.0	-1.13	28.0
23	9.34	34.0	-16.32	32.0	-1.72	31.0	-3.15	28.0

SAGAMORE HILL TEC 71-75 SEASON: SUMMER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	2.11	35.0	24	-14.02	34.0	48	-10.11	33.0	72	-2.18	30.0
1	5.75	35.0	25	-5.53	34.0	49	-12.06	32.0	73	-2.46	30.0
2	7.58	35.0	26	-5.13	35.0	50	-11.30	32.0	74	0.0	31.0
3	10.96	35.0	27	-10.36	35.0	51	-14.04	31.0	75	0.0	31.0
4	11.71	35.0	28	-16.53	35.0	52	-10.13	30.0	76	0.0	30.0
5	17.28	35.0	29	-15.50	35.0	53	-3.60	30.0	77	-2.03	30.0
6	17.60	36.0	30	-15.75	35.0	54	-9.26	30.0	78	-1.69	30.0
7	17.07	35.0	31	-6.32	35.0	55	-10.32	30.0	79	-0.74	30.0
8	17.33	35.0	32	-9.14	35.0	56	-15.63	31.0	80	-2.35	31.0
9	8.13	35.0	33	-5.81	35.0	57	-6.55	30.0	81	-0.78	31.0
10	6.00	36.0	34	-10.26	35.0	58	-3.09	31.0	82	1.35	31.0
11	0.0	35.0	35	-10.65	34.0	59	-4.17	31.0	83	4.05	31.0
12	2.75	35.0	36	-11.76	33.0	60	-3.43	31.0	84	2.13	31.0
13	0.0	33.0	37	-15.79	33.0	61	-5.32	31.0	85	0.0	31.0
14	-3.95	36.0	38	-15.44	33.0	62	-7.68	32.0	86	0.0	31.0
15	-7.04	36.0	39	-13.93	32.0	63	-4.29	32.0	87	3.85	31.0
16	-7.69	35.0	40	-9.43	32.0	64	-9.52	32.0	88	0.0	31.0
17	-10.00	35.0	41	-15.00	33.0	65	-10.19	32.0	89	-1.08	30.0
18	-14.14	35.0	42	-13.05	33.0	66	-4.91	30.0	90	-2.05	30.0
19	-16.50	35.0	43	-14.56	33.0	67	-4.04	31.0	91	-5.44	30.0
20	-15.34	35.0	44	-16.47	33.0	68	-4.95	31.0	92	-5.26	31.0
21	-17.24	35.0	45	-15.71	33.0	69	-0.95	31.0	93	-2.70	31.0
22	-7.96	34.0	46	-10.43	33.0	70	-3.19	30.0	94	-3.91	31.0
23	-10.39	34.0	47	-9.84	33.0	71	-2.67	30.0	95	0.0	31.0

SAGAMORE HILL TEC 71-75 SEASON: FALL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =19

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	4.00	5.0	4.69	19.0	-29.69	19.0	-7.19	19.0
1	-5.71	5.0	3.03	19.0	-29.86	19.0	-5.09	19.0
2	-10.72	5.0	-7.05	19.0	-31.50	19.0	-5.09	19.0
3	-7.85	7.0	-12.77	19.0	-34.34	19.0	-9.55	19.0
4	1.17	7.0	-15.94	19.0	-30.99	19.0	-9.57	19.0
5	-1.00	7.0	-15.45	19.0	-26.14	19.0	-17.47	19.0
6	3.85	7.0	-13.72	19.0	-10.55	19.0	-9.76	19.0
7	11.38	7.0	-11.11	19.0	1.20	18.0	-9.01	19.0
8	12.40	9.0	-7.84	19.0	-1.25	19.0	2.16	19.0
9	10.00	10.0	-2.48	19.0	7.05	19.0	4.02	19.0
10	25.09	10.0	-1.79	19.0	6.53	19.0	3.17	17.0
11	30.11	11.0	-16.36	19.0	4.72	17.0	2.09	17.0
12	36.76	12.0	-19.91	19.0	7.07	17.0	4.74	17.0
13	35.93	15.0	-21.66	19.0	5.22	17.0	9.03	17.0
14	28.31	16.0	-20.46	19.0	7.69	18.0	9.55	17.0
15	31.62	16.0	-15.74	19.0	3.37	18.0	9.06	17.0
16	35.01	17.0	-17.72	19.0	-1.18	18.0	5.43	17.0
17	35.01	17.0	-15.44	19.0	2.19	18.0	2.54	17.0
18	44.82	17.0	-15.19	19.0	7.15	18.0	4.39	17.0
19	46.97	17.0	-16.80	19.0	4.11	18.0	2.54	17.0
20	77.47	17.0	-18.90	19.0	-1.47	18.0	-5.55	15.0
21	30.20	18.0	-24.15	19.0	-7.04	18.0	-10.35	15.0
22	15.17	18.0	-30.31	19.0	-7.92	18.0	-11.71	15.0
23	11.53	19.0	-29.36	19.0	-7.49	18.0	-13.95	15.0

SAGAMORE HILL TEC 71-75 SEASON: FALL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	52.3	5.0	37.9	19.0	19.7	19.0	25.4	19.0
1	30.8	5.0	17.0	19.0	24.0	19.0	27.2	19.0
2	15.6	6.0	30.8	19.0	26.3	19.0	27.3	19.0
3	14.6	7.0	29.3	19.0	30.2	19.0	24.2	19.0
4	25.1	7.0	30.0	19.0	34.9	19.0	25.3	19.0
5	28.3	7.0	35.1	19.0	35.2	19.0	24.0	19.0
6	25.1	7.0	17.4	19.0	19.9	19.0	18.5	19.0
7	14.7	7.0	10.4	19.0	10.7	18.0	14.8	19.0
8	22.3	9.0	14.4	19.0	12.8	19.0	15.4	19.0
9	27.1	10.0	17.9	19.0	14.9	19.0	16.7	19.0
10	35.0	10.0	19.9	19.0	16.9	19.0	19.3	17.0
11	34.1	11.0	20.1	19.0	20.7	17.0	17.4	17.0
12	24.4	13.0	30.0	19.0	20.8	17.0	17.1	17.0
13	27.5	15.0	18.9	19.0	17.2	17.0	14.6	17.0
14	14.2	16.0	17.9	19.0	23.3	18.0	20.7	17.0
15	39.2	16.0	20.3	19.0	18.5	18.0	20.0	17.0
16	44.8	17.0	21.0	19.0	17.5	18.0	19.3	17.0
17	44.1	17.0	25.8	19.0	19.0	18.0	18.7	17.0
18	50.4	17.0	17.8	19.0	23.5	18.0	24.2	17.0
19	42.7	17.0	33.2	19.0	27.7	18.0	30.7	17.0
20	47.3	17.0	44.0	19.0	21.8	18.0	22.3	15.0
21	30.4	18.0	26.0	19.0	17.2	18.0	18.6	16.0
22	55.0	18.0	13.1	19.0	17.5	18.0	20.2	15.0
23	48.3	19.0	19.6	19.0	18.0	18.0	18.3	15.0

SAGAMORE HILL TEC 71-75 SEASON: FALL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =19

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	9.05	19.0	24	-10.97	19.0	48	-15.50	19.0	72	-4.02	18.0
1	10.47	19.0	25	-11.56	19.0	49	-13.57	19.0	73	-0.51	17.0
2	17.17	19.0	26	-16.17	19.0	50	-11.94	19.0	74	1.56	17.0
3	21.15	19.0	27	-17.23	19.0	51	-9.95	18.0	75	6.11	17.0
4	23.64	19.0	28	-15.97	19.0	52	-5.48	18.0	76	-1.07	17.0
5	26.18	19.0	29	-14.95	19.0	53	-0.32	18.0	77	-0.37	17.0
6	22.67	19.0	30	-13.39	19.0	54	1.51	18.0	78	-0.35	17.0
7	18.91	19.0	31	-15.74	19.0	55	-3.09	18.0	79	-0.64	17.0
8	17.28	19.0	32	-19.19	19.0	56	-5.30	18.0	80	0.03	17.0
9	11.79	19.0	33	-21.83	19.0	57	-3.98	17.0	81	-3.19	17.0
10	16.38	19.0	34	-17.71	19.0	58	-1.22	17.0	82	-4.73	17.0
11	16.97	19.0	35	-17.96	19.0	59	-2.86	16.0	83	-4.57	17.0
12	19.00	19.0	36	-7.48	19.0	60	-1.99	18.0	84	-4.95	17.0
13	22.69	19.0	37	-10.53	19.0	61	-2.68	18.0	85	-5.09	17.0
14	8.83	19.0	38	-12.42	19.0	62	-4.03	18.0	86	-6.42	17.0
15	4.00	19.0	39	-10.94	19.0	63	-3.05	18.0	87	-4.07	17.0
16	-3.14	19.0	40	-19.64	19.0	64	-4.11	18.0	88	-5.00	17.0
17	-1.45	19.0	41	-21.96	19.0	65	-2.22	18.0	89	-3.38	17.0
18	-3.37	19.0	42	-18.11	19.0	66	-0.80	18.0	90	-1.47	16.0
19	-5.78	19.0	43	-10.00	19.0	67	0.12	18.0	91	1.59	16.0
20	-5.56	19.0	44	-15.16	19.0	68	-3.20	18.0	92	-3.60	15.0
21	-3.02	19.0	45	-12.74	19.0	69	-1.17	18.0	93	-3.35	15.0
22	-5.73	19.0	46	-12.54	19.0	70	-1.71	18.0	94	-4.35	16.0
23	-8.60	19.0	47	-18.11	19.0	71	-1.63	18.0	95	-2.28	16.0

SAGAMORE HILL TEC 71-75 SEASON: FALL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	36.1	19.0	24	27.1	19.0	48	23.3	19.0	72	30.1	18.0
1	25.7	19.0	25	27.1	19.0	49	25.4	19.0	73	30.0	17.0
2	41.9	19.0	26	26.3	19.0	50	23.5	19.0	74	30.9	17.0
3	39.6	19.0	27	24.9	19.0	51	23.7	18.0	75	30.2	17.0
4	44.7	19.0	28	23.3	19.0	52	22.8	18.0	76	29.5	17.0
5	44.6	19.0	29	25.4	19.0	53	23.9	18.0	77	24.4	17.0
6	36.5	19.0	30	25.6	19.0	54	21.0	18.0	78	22.7	17.0
7	41.7	19.0	31	24.0	19.0	55	23.2	18.0	79	19.6	17.0
8	44.7	19.0	32	19.9	19.0	56	19.7	18.0	80	22.3	17.0
9	37.8	19.0	33	19.2	19.0	57	18.1	17.0	81	22.2	17.0
10	35.7	19.0	34	21.5	19.0	58	14.7	17.0	82	22.3	17.0
11	47.5	19.0	35	33.5	19.0	59	15.9	16.0	83	20.1	17.0
12	44.7	19.0	36	41.9	19.0	60	22.1	18.0	84	22.0	17.0
13	58.7	19.0	37	70.6	19.0	61	23.7	18.0	85	19.1	17.0
14	49.3	19.0	38	33.5	19.0	62	20.8	18.0	86	18.2	17.0
15	55.2	19.0	39	34.5	19.0	63	18.5	18.0	87	19.5	17.0
16	35.9	19.0	40	25.5	19.0	64	19.9	18.0	88	17.2	17.0
17	37.3	19.0	41	28.0	19.0	65	19.8	18.0	89	17.5	17.0
18	31.8	19.0	42	30.5	19.0	66	20.7	18.0	90	21.9	16.0
19	38.3	19.0	43	31.7	19.0	67	24.0	18.0	91	30.0	16.0
20	40.0	19.0	44	31.5	19.0	68	23.2	18.0	92	24.5	15.0
21	50.4	19.0	45	25.5	19.0	69	22.1	18.0	93	27.1	15.0
22	39.2	19.0	46	21.2	19.0	70	22.4	18.0	94	26.1	16.0
23	32.3	19.0	47	19.0	19.0	71	27.5	18.0	95	30.8	16.0

SAGAMORE HILL TEC 71-75 SEASON: FALL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =19

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-18.60	5.0	11.67	19.0	-30.23	19.0	-5.10	18.0
1	-17.07	5.0	17.14	19.0	-27.27	19.0	-3.50	18.0
2	-11.54	6.0	0.0	19.0	-27.03	19.0	-6.03	18.0
3	-5.41	7.0	-11.11	19.0	-36.84	19.0	-3.95	18.0
4	0.0	7.0	-20.00	19.0	-40.00	19.0	-10.17	18.0
5	0.0	7.0	-20.00	19.0	-33.33	19.0	-15.34	18.0
6	6.52	7.0	-16.67	19.0	-11.90	19.0	-6.94	18.0
7	15.87	7.0	-12.07	19.0	-2.57	18.0	-0.85	18.0
8	12.29	9.0	-14.71	19.0	0.0	19.0	1.85	18.0
9	5.75	10.0	-14.53	19.0	2.33	19.0	3.81	18.0
10	30.15	10.0	-23.08	19.0	2.03	19.0	1.50	17.0
11	21.56	11.0	-23.11	19.0	1.83	17.0	3.13	17.0
12	18.02	13.0	-25.71	19.0	2.61	17.0	7.83	17.0
13	13.11	15.0	-22.15	19.0	0.0	17.0	11.38	17.0
14	19.61	15.0	-22.36	19.0	4.95	18.0	6.40	17.0
15	15.75	16.0	-18.01	19.0	1.99	18.0	3.88	17.0
16	21.21	17.0	-24.54	19.0	-2.34	18.0	4.27	17.0
17	31.88	17.0	-25.43	19.0	1.52	18.0	0.88	17.0
18	38.19	17.0	-13.07	19.0	0.48	18.0	0.65	17.0
19	45.07	17.0	-29.41	19.0	-1.92	18.0	0.0	17.0
20	44.64	17.0	-28.68	19.0	-5.47	18.0	-18.03	15.0
21	25.73	18.0	-32.73	19.0	-1.00	18.0	-5.71	15.0
22	21.69	18.0	-32.32	19.0	-4.99	18.0	-10.94	15.0
23	28.51	19.0	-28.57	19.0	-5.98	18.0	-0.93	15.0

SAGAMORE HILL TEC 71-75 SEASON: FALL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	7.47	19.0	24	-20.00	19.0	48	-11.01	19.0	72	3.72	18.0
1	5.41	19.0	25	-18.01	19.0	49	-13.11	19.0	73	0.0	17.0
2	0.0	19.0	26	-23.09	19.0	50	-10.26	19.0	74	0.0	17.0
3	21.21	19.0	27	-27.27	19.0	51	-5.19	18.0	75	5.40	17.0
4	18.60	19.0	28	-26.67	19.0	52	-0.44	18.0	76	1.83	17.0
5	31.95	19.0	29	-24.69	19.0	53	-3.14	18.0	77	2.04	17.0
6	13.30	19.0	30	-10.34	19.0	54	0.0	18.0	78	0.79	17.0
7	8.99	19.0	31	-19.23	19.0	55	0.0	18.0	79	0.0	17.0
8	7.05	19.0	32	-18.52	19.0	56	-2.85	18.0	80	2.67	17.0
9	7.28	19.0	33	-26.19	19.0	57	-4.95	17.0	81	0.0	17.0
10	2.03	19.0	34	-22.15	19.0	58	-2.94	17.0	82	0.0	17.0
11	5.52	19.0	35	-20.22	19.0	59	-6.15	16.0	83	-3.57	17.0
12	18.28	19.0	36	-5.48	19.0	60	-5.02	18.0	84	-0.55	17.0
13	17.11	19.0	37	-8.14	19.0	61	-1.04	18.0	85	-0.83	17.0
14	4.82	19.0	38	-18.67	19.0	62	0.0	18.0	86	-0.55	17.0
15	-13.16	19.0	39	-17.49	19.0	63	-1.32	18.0	87	-0.55	17.0
16	-17.35	19.0	40	-19.86	19.0	64	-7.32	18.0	88	-4.07	17.0
17	-15.79	19.0	41	-24.50	19.0	65	0.0	18.0	89	-4.17	17.0
18	-18.52	19.0	42	-18.42	19.0	66	-0.55	18.0	90	-5.00	16.0
19	-19.27	19.0	43	-9.35	19.0	67	0.0	18.0	91	0.82	16.0
20	-18.18	19.0	44	-8.26	19.0	68	-0.85	18.0	92	-0.79	15.0
21	-18.71	19.0	45	-12.16	19.0	69	1.00	18.0	93	0.0	15.0
22	-15.03	19.0	46	-11.11	19.0	70	0.0	18.0	94	-0.87	16.0
23	-18.29	19.0	47	-13.07	19.0	71	3.49	18.0	95	0.0	16.0

SAGAMORE HILL TEC 71-75 SEASON: WINTER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =34

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	39.27	12.0	16.28	33.0	-10.63	33.0	-13.58	32.0
1	13.96	12.0	10.24	34.0	-14.44	33.0	-14.57	32.0
2	0.27	13.0	-0.57	34.0	-16.45	33.0	-17.53	31.0
3	-4.89	15.0	-5.77	34.0	-21.73	33.0	-11.52	31.0
4	-3.36	16.0	-9.95	34.0	-21.58	33.0	-16.03	31.0
5	3.57	16.0	-14.80	34.0	-20.20	33.0	-13.33	31.0
6	10.28	17.0	-7.35	34.0	-13.49	33.0	-13.84	31.0
7	5.16	18.0	0.70	34.0	-3.83	33.0	1.59	31.0
8	-0.44	21.0	-1.85	34.0	-0.15	33.0	1.50	30.0
9	9.16	24.0	1.05	34.0	3.00	33.0	1.54	30.0
10	17.33	26.0	5.63	34.0	3.49	32.0	1.07	30.0
11	25.04	26.0	6.95	34.0	7.35	33.0	0.78	30.0
12	32.39	27.0	7.22	34.0	8.69	33.0	1.34	30.0
13	41.98	28.0	6.70	34.0	7.13	33.0	0.24	30.0
14	44.01	28.0	7.00	33.0	7.81	32.0	-0.18	30.0
15	42.23	29.0	8.68	34.0	8.67	32.0	-1.73	30.0
16	49.51	31.0	7.62	34.0	8.94	32.0	-1.13	30.0
17	51.12	31.0	9.30	34.0	12.43	32.0	0.54	30.0
18	53.77	32.0	10.07	33.0	12.67	32.0	-0.40	30.0
19	41.10	32.0	3.29	33.0	6.60	32.0	-0.35	30.0
20	33.95	30.0	3.24	32.0	-3.01	32.0	-5.32	29.0
21	33.95	30.0	-1.83	32.0	-10.93	32.0	-3.70	29.0
22	26.91	31.0	-4.51	32.0	-11.65	32.0	-7.00	29.0
23	17.39	31.0	-7.51	32.0	-13.45	32.0	-9.34	29.0

SAGAMORE HILL TEC 71-75 SEASON: WINTER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	54.4	12.0	43.7	33.0	33.9	33.0	30.9	33.0
1	42.9	12.0	46.8	34.0	33.0	33.0	30.3	32.0
2	37.1	13.0	39.8	34.0	32.6	33.0	30.2	31.0
3	30.2	15.0	34.5	34.0	34.1	33.0	31.7	31.0
4	20.5	16.0	34.4	34.0	34.0	33.0	31.4	31.0
5	25.0	16.0	30.5	34.0	31.2	33.0	29.1	31.0
6	21.4	17.0	27.6	34.0	23.7	33.0	24.9	31.0
7	15.1	18.0	18.1	34.0	14.9	33.0	22.7	31.0
8	12.7	21.0	15.6	34.0	11.8	33.0	13.3	30.0
9	11.7	24.0	18.8	34.0	17.2	33.0	13.2	30.0
10	14.6	26.0	21.8	34.0	15.5	32.0	12.3	30.0
11	20.1	26.0	26.2	34.0	17.6	33.0	14.3	30.0
12	27.5	27.0	26.9	34.0	22.0	33.0	15.2	30.0
13	32.1	28.0	27.4	34.0	21.4	33.0	17.4	30.0
14	37.4	29.0	25.5	33.0	19.5	32.0	15.5	30.0
15	47.2	29.0	28.1	34.0	19.9	32.0	15.5	30.0
16	53.7	31.0	26.9	34.0	17.5	32.0	17.7	30.0
17	46.5	31.0	24.7	34.0	21.1	32.0	18.1	30.0
18	48.5	32.0	24.1	33.0	28.9	32.0	13.9	30.0
19	45.7	32.0	31.7	33.0	24.1	32.0	13.7	30.0
20	48.5	30.0	33.1	32.0	24.1	32.0	14.4	29.0
21	46.1	30.0	30.0	32.0	23.5	32.0	15.3	28.0
22	45.2	31.0	31.1	32.0	23.5	32.0	20.7	28.0
23	38.8	31.0	32.1	32.0	26.0	32.0	21.2	28.0

SAGAMORE HILL TEC 71-75 SEASON: WINTER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =34

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	9.10	34.0	24	8.20	34.0	48	1.51	32.0	72	-1.92	31.0
1	7.07	34.0	25	6.74	34.0	49	0.71	33.0	73	-4.11	31.0
2	13.19	34.0	26	4.80	34.0	50	1.57	33.0	74	-2.83	31.0
3	18.03	34.0	27	6.00	33.0	51	-2.39	33.0	75	-2.07	31.0
4	24.51	34.0	28	10.10	33.0	52	-4.02	33.0	76	-2.75	31.0
5	39.42	34.0	29	11.13	33.0	53	-2.06	33.0	77	-5.50	31.0
6	77.79	33.0	30	14.06	33.0	54	-1.34	33.0	78	-0.09	31.0
7	41.63	34.0	31	9.01	33.0	55	0.85	33.0	79	0.84	31.0
8	28.69	33.0	32	3.03	33.0	56	1.26	33.0	80	-0.34	30.0
9	21.83	33.0	33	0.85	33.0	57	1.14	33.0	81	-2.30	30.0
10	25.88	33.0	34	-0.83	33.0	58	-0.07	33.0	82	-3.54	30.0
11	30.32	33.0	35	-2.62	33.0	59	-2.69	33.0	83	-4.75	30.0
12	25.23	34.0	36	-6.31	33.0	60	-6.78	33.0	84	-11.40	29.0
13	22.48	34.0	37	-5.72	33.0	61	-8.77	33.0	85	-12.10	29.0
14	15.79	33.0	38	-6.26	32.0	62	-9.46	33.0	86	-10.98	29.0
15	6.79	33.0	39	-3.40	33.0	63	-3.38	33.0	87	-5.48	29.0
16	9.23	33.0	40	-6.30	33.0	64	-3.55	33.0	88	-2.21	29.0
17	11.57	33.0	41	-8.05	33.0	65	-4.65	32.0	89	-4.71	29.0
18	14.62	34.0	42	-8.95	33.0	66	-2.55	32.0	90	-8.11	29.0
19	14.16	34.0	43	-1.06	33.0	67	-1.14	32.0	91	-11.62	29.0
20	17.55	34.0	44	-0.02	33.0	68	-1.36	32.0	92	-10.35	30.0
21	16.50	34.0	45	-3.59	31.0	69	-1.75	31.0	93	-9.78	30.0
22	14.91	34.0	46	3.63	32.0	70	0.06	31.0	94	-6.80	30.0
23	8.75	34.0	47	3.17	32.0	71	-0.34	31.0	95	-6.74	30.0

SAGAMORE HILL TEC 71-75 SEASON: WINTER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	18.5	34.0	24	36.8	34.0	48	28.2	32.0	72	24.8	31.0
1	20.4	34.0	25	31.7	34.0	49	23.7	33.0	73	21.0	31.0
2	27.0	34.0	26	29.8	34.0	50	22.3	33.0	74	15.1	31.0
3	27.7	34.0	27	28.8	33.0	51	20.4	33.0	75	17.0	31.0
4	36.6	34.0	28	30.1	33.0	52	24.9	33.0	76	18.5	31.0
5	45.9	34.0	29	30.6	33.0	53	24.9	33.0	77	19.6	31.0
6	50.8	33.0	30	27.2	33.0	54	27.5	33.0	78	24.5	31.0
7	60.4	34.0	31	27.6	33.0	55	24.1	33.0	79	23.6	31.0
8	65.6	33.0	32	27.2	33.0	56	23.9	33.0	80	25.0	30.0
9	38.0	33.0	33	28.5	33.0	57	24.1	33.0	81	26.5	30.0
10	47.0	33.0	34	30.2	33.0	58	22.4	33.0	82	25.2	30.0
11	53.8	33.0	35	30.0	33.0	59	23.0	33.0	83	31.4	30.0
12	56.6	34.0	36	32.9	33.0	60	22.7	33.0	84	21.4	29.0
13	54.7	34.0	37	34.4	33.0	61	22.7	33.0	85	16.4	29.0
14	43.3	33.0	38	30.2	32.0	62	26.9	33.0	86	18.6	29.0
15	35.8	33.0	39	41.8	33.0	63	27.5	33.0	87	17.4	29.0
16	30.1	33.0	40	36.7	33.0	64	28.9	33.0	88	20.6	29.0
17	30.4	33.0	41	36.4	33.0	65	29.1	32.0	89	23.7	29.0
18	39.0	34.0	42	34.9	33.0	66	29.0	32.0	90	24.1	29.0
19	42.5	34.0	43	40.7	33.0	67	23.8	32.0	91	19.9	29.0
20	46.6	34.0	44	37.7	33.0	68	19.3	32.0	92	18.0	30.0
21	45.1	34.0	45	27.7	31.0	69	20.6	31.0	93	16.5	30.0
22	41.1	34.0	46	25.5	32.0	70	25.1	31.0	94	15.9	30.0
23	39.8	34.0	47	27.7	32.0	71	26.5	31.0	95	17.4	30.0

AD-A059 926 BOSTON UNIV MASS DEPT OF ASTRONOMY F/G 4/1

BEHAVIOR OF THE IONOSPHERIC F-REGION DURING GEOMAGNETIC STORMS.--ETC(U)

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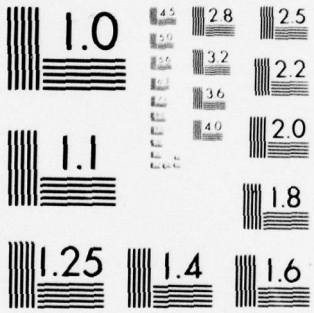

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

SAGAMORE HILL TEC 71-75 SEASON: WINTER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =34

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	41.81	12.0	11.54	33.0	-12.31	33.0	-14.88	32.0
1	7.48	12.0	-1.57	34.0	-19.75	33.0	-16.59	32.0
2	-5.25	13.0	-6.46	34.0	-20.00	33.0	-19.03	31.0
3	-5.25	15.0	-16.95	34.0	-30.43	33.0	-15.38	31.0
4	0.0	16.0	-14.03	34.0	-27.91	33.0	-21.28	31.0
5	5.43	16.0	-15.71	34.0	-28.57	33.0	-18.52	31.0
6	4.17	17.0	-8.00	34.0	-20.00	33.0	-16.67	31.0
7	2.13	19.0	0.0	34.0	-2.70	33.0	-3.17	31.0
8	-6.78	21.0	0.0	34.0	0.0	33.0	0.0	30.0
9	8.52	24.0	0.35	34.0	0.0	33.0	2.01	30.0
10	15.76	26.0	8.04	34.0	0.49	32.0	0.38	30.0
11	25.02	26.0	4.71	34.0	3.91	33.0	-0.28	30.0
12	25.04	27.0	1.76	34.0	4.55	33.0	-0.40	30.0
13	37.70	28.0	4.96	34.0	1.10	33.0	0.0	30.0
14	38.35	29.0	5.75	33.0	5.35	32.0	-1.95	30.0
15	23.55	29.0	5.14	34.0	6.27	32.0	-4.53	30.0
16	37.46	31.0	0.42	34.0	6.51	32.0	-5.25	30.0
17	36.74	31.0	7.33	34.0	7.59	32.0	-2.39	30.0
18	40.01	32.0	13.33	33.0	5.83	32.0	-3.04	30.0
19	31.21	32.0	5.06	33.0	5.40	32.0	0.0	30.0
20	24.32	30.0	0.0	32.0	-3.95	32.0	0.0	29.0
21	25.35	30.0	-9.94	32.0	-14.90	32.0	-0.56	29.0
22	20.67	31.0	-2.54	32.0	-13.41	32.0	-6.33	28.0
23	9.09	31.0	-5.30	32.0	-11.53	32.0	-10.76	28.0

SAGAMORE HILL TEC 71-75 SEASON: WINTER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	5.45	34.0	24	0.0	34.0	48	-0.91	30.0	72	-2.33	31.0
1	7.69	34.0	25	0.57	34.0	49	0.0	33.0	73	0.0	31.0
2	12.50	34.0	26	4.63	34.0	50	0.0	33.0	74	0.0	31.0
3	18.63	34.0	27	6.96	33.0	51	-0.09	33.0	75	-2.04	31.0
4	20.87	34.0	28	9.20	33.0	52	-3.00	33.0	76	-2.33	31.0
5	24.08	34.0	29	13.07	33.0	53	-2.17	33.0	77	-2.17	31.0
6	20.75	33.0	30	6.45	33.0	54	-2.65	33.0	78	1.53	31.0
7	23.19	34.0	31	5.31	33.0	55	0.0	33.0	79	0.0	31.0
8	23.73	33.0	32	0.0	33.0	56	0.0	33.0	80	2.30	30.0
9	15.63	33.0	33	-2.82	33.0	57	0.0	33.0	81	-1.03	30.0
10	20.45	33.0	34	-5.00	33.0	58	1.43	33.0	82	-2.89	30.0
11	17.95	33.0	35	0.0	33.0	59	-0.99	33.0	83	-4.80	30.0
12	10.76	34.0	36	0.0	33.0	60	-4.17	33.0	84	-8.00	29.0
13	12.33	34.0	37	0.0	33.0	61	-11.76	33.0	85	-9.48	29.0
14	9.57	33.0	38	-2.57	32.0	62	-12.00	33.0	86	-8.20	29.0
15	3.11	33.0	39	1.47	33.0	63	-4.35	33.0	87	-2.70	29.0
16	-3.85	33.0	40	0.0	33.0	64	-4.07	33.0	88	-3.70	29.0
17	9.38	33.0	41	1.39	33.0	65	0.0	32.0	89	-5.56	29.0
18	15.44	34.0	42	-3.70	33.0	66	1.65	32.0	90	-9.22	33.0
19	11.08	34.0	43	0.0	33.0	67	2.66	32.0	91	-10.17	29.0
20	10.41	34.0	44	-3.70	33.0	68	0.0	32.0	92	-13.20	30.0
21	8.41	34.0	45	-6.25	31.0	69	0.0	31.0	93	-7.85	30.0
22	4.22	34.0	46	0.43	30.0	70	0.0	31.0	94	-4.05	30.0
23	0.0	34.0	47	-0.28	32.0	71	-3.24	31.0	95	-3.86	30.0

SAGAMORE HILL TEC 71-75 SEASON: SPRING

AVERAGE DAILY VARIATIONS (SD) ****** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	33.73	4.0	-4.83	20.0	-34.72	21.0	-17.27	21.0
1	36.40	4.0	-7.68	20.0	-37.11	21.0	-17.00	21.0
2	16.91	4.0	-5.08	20.0	-37.22	21.0	-18.38	21.0
3	23.05	4.0	-5.11	20.0	-34.59	21.0	-13.39	21.0
4	10.00	4.0	-10.54	20.0	-35.13	21.0	-17.78	21.0
5	15.65	4.0	-13.20	20.0	-23.82	21.0	-15.51	21.0
6	3.52	4.0	-14.07	20.0	-14.12	21.0	-10.84	21.0
7	-6.70	4.0	-11.44	21.0	-2.04	21.0	-1.96	21.0
8	5.19	7.0	-9.37	21.0	7.14	21.0	-1.00	21.0
9	16.01	7.0	-10.38	21.0	8.85	21.0	0.00	21.0
10	19.45	9.0	-12.03	20.0	3.86	21.0	-4.20	21.0
11	22.34	9.0	-13.39	20.0	6.46	21.0	-4.75	21.0
12	35.93	9.0	-11.16	20.0	6.90	21.0	-3.55	21.0
13	43.80	10.0	-3.51	20.0	6.91	21.0	-3.44	21.0
14	43.40	12.0	-10.63	21.0	7.50	21.0	-5.15	21.0
15	43.96	13.0	-0.82	21.0	4.14	21.0	-4.76	21.0
16	33.47	14.0	-5.40	20.0	0.26	21.0	-3.99	21.0
17	41.22	15.0	-14.02	21.0	-0.93	21.0	-0.49	21.0
18	39.34	16.0	-14.39	21.0	-0.05	21.0	4.72	21.0
19	29.66	16.0	-13.73	21.0	-2.02	21.0	4.66	21.0
20	25.77	15.0	-23.97	20.0	-7.97	21.0	2.25	21.0
21	14.48	17.0	-31.04	20.0	-13.25	21.0	1.10	21.0
22	10.44	17.0	-32.32	20.0	-13.43	21.0	3.64	21.0
23	2.51	18.0	-36.90	20.0	-15.66	21.0	1.42	21.0

SAGAMORE HILL TEC 71-75 SEASON: SPRING

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	53.8	4.0	29.5	20.0	25.9	21.0	27.2	21.0
1	65.1	4.0	31.3	20.0	19.2	21.0	32.7	21.0
2	54.9	4.0	33.6	20.0	16.6	21.0	35.7	21.0
3	51.0	4.0	37.9	20.0	18.5	21.0	42.6	21.0
4	43.7	4.0	34.3	20.0	20.3	21.0	39.0	21.0
5	42.8	4.0	36.6	20.0	21.3	21.0	41.1	21.0
6	40.0	4.0	17.5	20.0	21.5	21.0	25.5	21.0
7	26.7	4.0	16.3	21.0	27.6	21.0	19.6	21.0
8	23.4	7.0	23.5	21.0	44.2	21.0	19.8	21.0
9	35.7	7.0	22.7	21.0	47.2	21.0	20.5	21.0
10	29.6	9.0	24.8	20.0	45.3	21.0	20.4	21.0
11	32.6	9.0	23.8	20.0	38.2	21.0	18.4	21.0
12	43.0	9.0	35.5	20.0	38.7	21.0	15.0	21.0
13	47.4	10.0	38.0	20.0	38.1	21.0	17.9	21.0
14	56.9	12.0	36.6	21.0	37.4	21.0	16.2	21.0
15	53.3	13.0	50.1	21.0	32.4	21.0	15.1	21.0
16	44.4	14.0	37.7	20.0	27.4	21.0	16.5	21.0
17	51.9	15.0	35.2	21.0	24.0	21.0	21.5	21.0
18	53.4	16.0	37.6	21.0	22.6	21.0	29.7	21.0
19	58.5	16.0	28.6	21.0	25.1	21.0	33.5	21.0
20	62.3	15.0	25.2	20.0	20.6	21.0	35.3	21.0
21	42.3	17.0	27.7	20.0	20.0	21.0	38.5	21.0
22	35.2	17.0	23.5	20.0	20.4	21.0	35.2	21.0
23	30.3	18.0	27.2	20.0	18.8	21.0	30.5	21.0

SAGAMORE HILL TEC 71-75 SEASON: SPRING

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	6.21	21.0	24	-15.85	21.0	48	7.94	20.0	72	1.31	21.0
1	10.04	21.0	25	-16.35	21.0	49	6.64	20.0	73	-0.30	21.0
2	14.69	21.0	26	-16.46	20.0	50	0.32	21.0	74	-1.99	21.0
3	15.21	21.0	27	-13.07	21.0	51	-3.14	21.0	75	-4.14	21.0
4	21.33	21.0	28	-14.54	20.0	52	-4.05	21.0	76	-5.20	21.0
5	25.81	21.0	29	-15.26	20.0	53	-5.53	21.0	77	-0.90	21.0
6	28.33	21.0	30	-15.55	21.0	54	-7.37	21.0	78	-6.02	21.0
7	29.00	21.0	31	-8.30	21.0	55	-6.16	21.0	79	-7.61	21.0
8	31.74	21.0	32	-11.43	21.0	56	-1.76	21.0	80	-3.18	21.0
9	9.64	21.0	33	-18.48	21.0	57	-4.59	21.0	81	-4.99	21.0
10	7.28	21.0	34	-14.28	21.0	58	-4.93	21.0	82	-4.30	20.0
11	-0.75	21.0	35	-18.03	21.0	59	-7.91	21.0	83	-8.25	20.0
12	-2.83	20.0	36	-19.45	21.0	60	-7.69	21.0	84	-11.63	20.0
13	0.83	20.0	37	-20.07	21.0	61	-8.55	21.0	85	-9.08	20.0
14	7.03	20.0	38	-17.76	21.0	62	-10.32	21.0	86	-9.81	20.0
15	7.96	20.0	39	-16.58	21.0	63	-10.20	21.0	87	-7.59	20.0
16	4.42	21.0	40	-11.78	21.0	64	-8.97	21.0	88	-2.71	20.0
17	-3.00	21.0	41	-11.09	21.0	65	-11.59	21.0	89	0.70	20.0
18	-5.75	20.0	42	-6.07	21.0	66	-13.49	21.0	90	5.74	19.0
19	-8.09	20.0	43	-5.94	21.0	67	-11.05	21.0	91	3.77	21.0
20	-9.52	20.0	44	-3.04	21.0	68	-13.12	21.0	92	-0.16	21.0
21	-9.04	20.0	45	-3.71	21.0	69	-12.25	21.0	93	-1.05	21.0
22	-7.95	21.0	46	1.11	20.0	70	-5.10	21.0	94	2.58	21.0
23	-12.62	21.0	47	4.47	20.0	71	-1.33	21.0	95	0.55	21.0

SAGAMORE HILL TEC 71-75 SEASON: SPRING

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	24.5	21.0	24	28.5	21.0	48	43.8	20.0	72	23.8	21.0
1	30.3	21.0	25	29.2	21.0	49	43.0	20.0	73	29.2	21.0
2	35.2	21.0	26	31.4	20.0	50	38.6	21.0	74	24.0	21.0
3	43.5	21.0	27	36.6	21.0	51	37.4	21.0	75	27.0	21.0
4	49.5	21.0	28	39.7	20.0	52	38.7	21.0	76	30.1	21.0
5	53.8	21.0	29	39.4	20.0	53	38.0	21.0	77	32.5	21.0
6	57.2	21.0	30	37.2	21.0	54	40.4	21.0	78	27.8	21.0
7	48.2	21.0	31	60.0	21.0	55	34.4	21.0	79	25.7	21.0
8	50.9	21.0	32	39.2	21.0	56	29.3	21.0	80	30.0	21.0
9	45.3	21.0	33	29.7	21.0	57	43.4	21.0	81	28.7	21.0
10	45.0	21.0	34	34.8	21.0	58	31.0	21.0	82	23.7	20.0
11	32.2	21.0	35	28.9	21.0	59	35.9	21.0	83	20.6	20.0
12	37.5	20.0	36	30.2	21.0	60	37.7	21.0	84	15.8	20.0
13	50.0	20.0	37	29.8	21.0	61	35.6	21.0	85	17.8	20.0
14	58.4	20.0	38	35.8	21.0	62	33.8	21.0	86	15.1	20.0
15	60.8	20.0	39	35.1	21.0	63	28.5	21.0	87	16.0	20.0
16	63.4	21.0	40	34.7	21.0	64	25.8	21.0	88	15.6	20.0
17	37.7	21.0	41	34.5	21.0	65	23.6	21.0	89	19.3	20.0
18	39.0	20.0	42	30.4	21.0	66	25.9	21.0	90	23.6	19.0
19	35.4	20.0	43	34.0	21.0	67	29.2	21.0	91	23.2	21.0
20	29.4	20.0	44	35.0	21.0	68	27.8	21.0	92	28.0	21.0
21	21.5	20.0	45	28.0	21.0	69	27.3	21.0	93	35.5	21.0
22	23.7	21.0	46	27.4	20.0	70	22.9	21.0	94	30.2	21.0
23	22.0	21.0	47	26.1	20.0	71	21.1	21.0	95	22.6	21.0

SAGAMORE HILL TCC 71-75 SEASON: SPRING

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =21

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	37.10	4.0	-13.22	20.0	-38.04	21.0	-22.22	21.0
1	23.08	4.0	-17.46	20.0	-40.70	21.0	-23.08	21.0
2	22.22	4.0	-13.73	20.0	-39.19	21.0	-33.33	21.0
3	47.92	4.0	-7.17	20.0	-33.33	21.0	-35.00	21.0
4	23.88	4.0	-10.53	20.0	-35.00	21.0	-31.59	21.0
5	8.80	4.0	-15.70	20.0	-27.27	21.0	-20.00	21.0
6	-16.12	4.0	-17.03	20.0	-13.79	21.0	-12.77	21.0
7	-11.70	4.0	-10.91	21.0	-5.03	21.0	0.0	21.0
8	3.42	7.0	-13.85	21.0	-4.20	21.0	0.0	21.0
9	19.97	7.0	-17.58	21.0	-1.23	21.0	1.20	21.0
10	28.53	9.0	-15.20	20.0	0.0	21.0	0.49	21.0
11	17.40	9.0	-22.73	20.0	6.82	21.0	-0.97	21.0
12	28.57	9.0	-24.23	20.0	9.44	21.0	-3.74	21.0
13	39.81	10.0	-28.24	20.0	3.55	21.0	-7.48	21.0
14	40.97	12.0	-23.60	21.0	10.83	21.0	-5.11	21.0
15	37.96	13.0	-19.01	21.0	10.33	21.0	-4.03	21.0
16	38.67	14.0	-12.54	20.0	5.15	21.0	-5.10	21.0
17	10.99	15.0	-14.28	21.0	2.56	21.0	0.0	21.0
18	7.14	16.0	-15.22	21.0	3.31	21.0	0.0	21.0
19	7.69	16.0	-16.54	21.0	0.95	21.0	0.90	21.0
20	15.97	15.0	-20.47	20.0	-5.23	21.0	-3.49	21.0
21	17.31	17.0	-24.82	20.0	-8.73	21.0	-9.63	21.0
22	15.57	17.0	-33.35	20.0	-10.00	21.0	-4.46	21.0
23	3.66	18.0	-42.73	20.0	-10.71	21.0	0.0	21.0

SAGAMORE HILL TCC 71-75 SEASON: SPRING

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	3.94	21.0	24	-16.17	21.0	48	4.36	20.0	72	-5.67	21.0
1	6.45	21.0	25	-23.09	21.0	49	1.51	20.0	73	-4.03	21.0
2	17.86	21.0	26	-25.05	20.0	50	-7.14	21.0	74	-4.72	21.0
3	16.75	21.0	27	-17.34	21.0	51	0.0	21.0	75	-6.90	21.0
4	27.27	21.0	28	-25.25	20.0	52	-17.48	21.0	76	-15.38	21.0
5	30.14	21.0	29	-21.75	20.0	53	-13.54	21.0	77	-12.62	21.0
6	28.57	21.0	30	-23.39	21.0	54	-14.01	21.0	78	-13.83	21.0
7	28.83	21.0	31	-23.18	21.0	55	-9.00	21.0	79	-11.11	21.0
8	15.33	21.0	32	-19.87	21.0	56	-0.55	21.0	80	-7.00	21.0
9	7.30	21.0	33	-24.32	21.0	57	-1.59	21.0	81	-6.78	21.0
10	-13.83	21.0	34	-21.54	21.0	58	1.82	21.0	82	-3.88	20.0
11	-8.33	21.0	35	-18.67	21.0	59	2.85	21.0	83	-3.87	20.0
12	-11.08	20.0	36	-32.00	21.0	60	0.0	21.0	84	-12.55	20.0
13	-14.05	20.0	37	-30.00	21.0	61	-8.75	21.0	85	-7.57	20.0
14	-14.34	20.0	38	-22.85	21.0	62	-10.00	21.0	86	-6.35	20.0
15	-20.00	20.0	39	-22.22	21.0	63	-11.54	21.0	87	-6.14	20.0
16	-10.00	21.0	40	-20.35	21.0	64	-15.63	21.0	88	-2.27	20.0
17	-10.00	21.0	41	-13.33	21.0	65	-6.67	21.0	89	0.02	20.0
18	-17.15	20.0	42	-17.64	21.0	66	-7.27	21.0	90	0.0	19.0
19	-18.16	20.0	43	-1.33	21.0	67	-7.49	21.0	91	5.33	21.0
20	-12.30	20.0	44	-6.76	21.0	68	-9.35	21.0	92	0.0	21.0
21	-12.01	20.0	45	-8.67	21.0	69	-4.41	21.0	93	-2.33	21.0
22	-7.41	21.0	46	1.27	20.0	70	-2.16	21.0	94	1.65	21.0
23	-15.00	21.0	47	1.89	20.0	71	-2.80	21.0	95	1.72	21.0

SAGAMORE HILL TEC 71-75 SEASON: EQUINOCTAL

AVERAGE DAILY VARIATIONS (SD) AMAX = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =40

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	17.21	9.0	-0.20	39.0	-30.90	40.0	-12.62	39.0
1	8.01	9.0	-3.41	39.0	-33.66	40.0	-11.97	39.0
2	8.33	10.0	-5.65	39.0	-34.50	40.0	-12.70	39.0
3	6.66	11.0	-5.94	39.0	-34.47	40.0	-11.63	39.0
4	4.78	11.0	-13.17	39.0	-37.36	40.0	-14.02	39.0
5	5.05	11.0	-15.27	39.0	-27.60	40.0	-14.63	39.0
6	7.38	11.0	-13.30	38.0	-12.47	40.0	-10.40	39.0
7	5.11	11.0	-11.28	40.0	-2.43	39.0	-1.93	39.0
8	9.38	16.0	-11.02	40.0	3.15	40.0	0.46	39.0
9	14.27	17.0	-11.38	40.0	6.09	40.0	1.86	39.0
10	22.41	19.0	-17.05	39.0	5.19	40.0	-0.90	38.0
11	24.92	20.0	-14.84	39.0	5.68	38.0	-1.30	38.0
12	30.27	22.0	-14.86	39.0	6.98	38.0	0.16	38.0
13	32.09	25.0	-15.43	39.0	6.38	38.0	2.23	38.0
14	36.92	28.0	-13.50	40.0	7.54	39.0	1.43	38.0
15	37.10	29.0	-8.78	40.0	3.79	39.0	1.51	38.0
16	37.05	31.0	-11.40	39.0	-0.03	39.0	0.22	38.0
17	37.92	32.0	-14.59	40.0	0.48	39.0	0.87	33.0
18	40.16	37.0	-14.72	40.0	3.27	39.0	4.57	38.0
19	38.55	33.0	-18.34	40.0	0.31	39.0	3.71	38.0
20	31.98	32.0	-21.50	39.0	-5.89	39.0	-1.04	36.0
21	22.56	35.0	-28.66	39.0	-10.39	39.0	-3.68	36.0
22	14.02	35.0	-31.34	39.0	-11.35	39.0	-4.84	36.0
23	7.17	37.0	-33.23	39.0	-11.89	39.0	-5.78	36.0

SAGAMORE HILL TEC 71-75 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	53.9	9.0	33.7	39.0	23.2	40.0	26.5	39.0
1	51.8	9.0	34.1	39.0	21.6	40.0	30.4	39.0
2	30.2	10.0	33.8	39.0	21.9	40.0	32.3	39.0
3	37.5	11.0	33.8	39.0	24.4	40.0	35.0	39.0
4	35.0	11.0	31.9	39.0	28.0	40.0	33.5	39.0
5	36.3	11.0	35.0	39.0	28.5	40.0	33.9	39.0
6	33.0	11.0	17.2	39.0	20.6	40.0	20.2	39.0
7	22.4	11.0	13.6	40.0	21.3	39.0	16.7	39.0
8	23.7	16.0	19.4	40.0	33.1	40.0	17.8	39.0
9	25.0	17.0	20.1	40.0	35.4	40.0	19.9	39.0
10	29.2	19.0	22.3	39.0	28.5	40.0	20.0	38.0
11	30.5	20.0	24.7	39.0	31.1	38.0	18.2	38.0
12	34.0	22.0	28.9	39.0	31.6	38.0	17.8	38.0
13	38.2	25.0	30.5	39.0	30.2	38.0	19.5	38.0
14	45.5	28.0	29.7	40.0	31.4	39.0	19.6	38.0
15	45.6	29.0	45.9	40.0	26.5	39.0	18.6	38.0
16	44.0	31.0	31.0	39.0	23.2	39.0	18.2	38.0
17	47.2	32.0	25.0	40.0	21.6	39.0	20.1	38.0
18	50.8	37.0	27.2	40.0	27.0	39.0	27.0	38.0
19	54.0	33.0	29.1	40.0	24.3	39.0	31.9	38.0
20	54.4	32.0	35.3	39.0	21.0	39.0	30.6	36.0
21	52.3	35.0	24.6	39.0	18.7	39.0	32.0	36.0
22	46.2	35.0	20.8	39.0	19.0	39.0	30.0	36.0
23	40.3	37.0	21.5	39.0	18.7	39.0	27.3	36.0

SAGAMORE HILL TEC 71-75 SEASON: EQUINOCTAL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =40

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	7.55	40.0	24	-13.51	40.0	48	-3.48	39.0	72	-1.15	39.0
1	10.24	40.0	25	-14.05	40.0	49	-3.19	39.0	73	-0.39	38.0
2	15.87	40.0	26	-17.35	39.0	50	-6.51	40.0	74	-0.40	38.0
3	19.04	40.0	27	-16.02	40.0	51	-6.28	39.0	75	0.45	38.0
4	22.43	40.0	28	-15.29	39.0	52	-5.17	39.0	76	-3.40	38.0
5	31.24	40.0	29	-15.11	39.0	53	-3.14	39.0	77	-0.66	38.0
6	30.39	40.0	30	-15.05	40.0	54	-3.27	39.0	78	-3.98	39.0
7	24.20	40.0	31	-11.85	40.0	55	-4.28	39.0	79	-4.44	38.0
8	19.62	40.0	32	-15.11	40.0	56	-3.39	39.0	80	-1.75	38.0
9	10.13	40.0	33	-20.00	40.0	57	-5.66	38.0	81	-4.18	38.0
10	9.50	40.0	34	-15.91	40.0	58	-3.27	38.0	82	-4.02	37.0
11	7.07	40.0	35	-16.10	40.0	59	-7.45	37.0	83	-6.56	37.0
12	7.81	39.0	36	-13.77	40.0	60	-4.74	39.0	84	-6.56	37.0
13	11.49	39.0	37	-15.54	40.0	61	-5.00	39.0	85	-7.25	37.0
14	7.76	39.0	38	-15.22	40.0	62	-7.45	39.0	86	-8.25	37.0
15	6.07	39.0	39	-13.90	40.0	63	-7.00	39.0	87	-5.96	37.0
16	0.83	40.0	40	-15.51	40.0	64	-6.71	39.0	88	-7.76	37.0
17	-2.73	40.0	41	-16.25	40.0	65	-7.25	39.0	89	-1.13	37.0
18	-7.52	39.0	42	-11.00	40.0	66	-7.63	39.0	90	2.44	35.0
19	-7.45	39.0	43	-9.34	40.0	67	-6.40	39.0	91	2.82	37.0
20	-7.12	39.0	44	-8.79	40.0	68	-8.54	39.0	92	-1.60	36.0
21	-6.96	39.0	45	-8.48	40.0	69	-7.13	39.0	93	-2.01	36.0
22	-6.92	40.0	46	-5.54	39.0	70	-3.83	39.0	94	-0.42	37.0
23	-10.71	40.0	47	-5.07	39.0	71	-1.74	39.0	95	-0.67	37.0

SAGAMORE HILL TEC 71-75 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	37.0	40.0	24	27.7	40.0	48	35.7	39.0	72	26.7	39.0
1	39.3	40.0	25	28.0	40.0	49	40.1	39.0	73	29.6	38.0
2	38.0	40.0	26	28.9	39.0	50	32.5	40.0	74	27.0	38.0
3	41.3	40.0	27	31.3	40.0	51	31.6	39.0	75	30.0	38.0
4	45.7	40.0	28	32.3	39.0	52	32.0	39.0	76	29.5	38.0
5	49.2	40.0	29	33.3	38.0	53	32.0	39.0	77	28.9	38.0
6	48.3	40.0	30	31.6	40.0	54	33.1	39.0	78	25.5	38.0
7	45.0	40.0	31	46.2	40.0	55	28.5	39.0	79	28.7	38.0
8	47.5	40.0	32	31.5	40.0	56	25.0	39.0	80	27.1	38.0
9	42.0	40.0	33	25.0	40.0	57	24.7	38.0	81	25.7	38.0
10	41.7	40.0	34	28.9	40.0	58	34.8	38.0	82	21.9	37.0
11	40.9	40.0	35	30.7	40.0	59	28.9	37.0	83	20.2	37.0
12	41.2	39.0	36	36.3	40.0	60	31.0	39.0	84	19.0	37.0
13	54.8	39.0	37	30.3	40.0	61	30.5	39.0	85	16.3	37.0
14	59.1	39.0	38	34.4	40.0	62	38.4	39.0	86	16.9	37.0
15	62.3	39.0	39	34.6	40.0	63	34.3	39.0	87	17.5	37.0
16	40.7	40.0	40	30.6	40.0	64	33.7	39.0	88	16.2	37.0
17	36.9	40.0	41	31.7	40.0	65	35.1	39.0	89	18.4	37.0
18	37.3	39.0	42	31.7	40.0	66	34.2	39.0	90	24.1	35.0
19	38.4	39.0	43	32.9	40.0	67	35.7	39.0	91	30.0	37.0
20	34.5	39.0	44	33.7	40.0	68	25.0	39.0	92	25.9	36.0
21	33.0	39.0	45	27.0	40.0	69	25.3	39.0	93	31.9	36.0
22	31.2	40.0	46	25.2	39.0	70	23.5	39.0	94	28.3	37.0
23	27.4	40.0	47	25.8	39.0	71	23.9	39.0	95	28.1	37.0

SAGAMORE HILL TEC 71-75 SEASON: EQUINOCTAL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =40

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	18.60	9.0	-3.70	39.0	-34.30	40.0	-14.00	39.0
1	3.0	9.0	-7.69	39.0	-37.74	40.0	-15.63	39.0
2	-1.28	10.0	-10.81	39.0	-36.18	40.0	-17.95	39.0
3	0.0	11.0	-10.57	39.0	-33.59	40.0	-10.00	39.0
4	0.0	11.0	-13.52	39.0	-37.33	40.0	-13.79	39.0
5	0.0	11.0	-21.74	39.0	-32.58	40.0	-18.18	39.0
6	0.0	11.0	-15.67	39.0	-13.85	40.0	-0.52	39.0
7	5.05	11.0	-11.49	40.0	-3.75	39.0	0.0	39.0
8	10.86	16.0	-13.03	40.0	-0.68	40.0	1.65	39.0
9	9.51	17.0	-15.42	40.0	1.15	40.0	3.49	39.0
10	28.57	19.0	-18.25	39.0	1.02	40.0	0.89	39.0
11	20.83	20.0	-22.11	39.0	2.88	38.0	0.0	38.0
12	22.77	22.0	-25.38	39.0	3.87	38.0	0.45	38.0
13	26.24	25.0	-20.15	39.0	1.44	38.0	4.68	38.0
14	22.65	28.0	-23.48	40.0	3.30	39.0	0.0	38.0
15	28.85	29.0	-19.51	40.0	5.06	39.0	0.55	38.0
16	25.00	31.0	-22.73	39.0	0.44	39.0	0.29	38.0
17	29.05	32.0	-19.67	40.0	2.56	39.0	0.0	38.0
18	26.01	33.0	-15.11	40.0	2.58	39.0	0.0	38.0
19	26.09	33.0	-24.00	40.0	0.0	39.0	0.0	38.0
20	26.87	32.0	-24.59	39.0	-8.29	39.0	-4.13	36.0
21	20.81	33.0	-32.73	39.0	-5.77	39.0	-7.70	36.0
22	17.93	35.0	-33.78	39.0	-9.17	39.0	-5.18	36.0
23	10.00	37.0	-36.84	39.0	-9.30	39.0	-5.18	36.0

SAGAMORE HILL TEC 71-75 SEASON: EQUINOCTAL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	5.70	40.0	24	-15.06	40.0	48	-5.67	39.0	72	0.0	39.0
1	5.28	40.0	25	-16.34	40.0	49	-5.55	39.0	73	-2.23	38.0
2	9.75	40.0	26	-24.17	39.0	50	-7.27	40.0	74	-3.19	38.0
3	18.07	40.0	27	-23.24	40.0	51	-3.54	39.0	75	-1.54	38.0
4	34.25	40.0	28	-25.67	39.0	52	-7.78	39.0	76	-1.02	38.0
5	29.33	40.0	29	-24.68	39.0	53	-8.43	39.0	77	-7.29	38.0
6	22.68	40.0	30	-15.52	40.0	54	-7.84	39.0	78	-7.53	38.0
7	22.50	40.0	31	-21.79	40.0	55	-3.25	39.0	79	-7.78	38.0
8	11.20	40.0	32	-19.20	40.0	56	-1.25	39.0	80	-2.78	38.0
9	7.30	40.0	33	-26.50	40.0	57	-3.27	38.0	81	-0.33	38.0
10	0.0	40.0	34	-21.48	40.0	58	0.0	38.0	82	-1.10	37.0
11	1.11	40.0	35	-19.59	40.0	59	0.0	37.0	83	-3.57	37.0
12	0.0	39.0	36	-15.09	40.0	60	-4.92	39.0	84	-7.65	37.0
13	0.0	39.0	37	-15.20	40.0	61	-6.98	39.0	85	-1.82	37.0
14	-13.84	39.0	38	-23.79	40.0	62	-3.33	39.0	86	-5.13	37.0
15	-13.92	39.0	39	-20.45	40.0	63	-5.26	39.0	87	-1.67	37.0
16	-16.12	40.0	40	-19.27	40.0	64	-13.79	39.0	88	-4.07	37.0
17	-10.53	40.0	41	-22.75	40.0	65	-3.33	39.0	89	0.0	37.0
18	-18.50	39.0	42	-13.67	40.0	66	-2.96	39.0	90	0.0	35.0
19	-19.27	39.0	43	-8.31	40.0	67	-1.82	39.0	91	3.45	37.0
20	-13.73	39.0	44	-7.07	40.0	68	-5.00	39.0	92	0.0	35.0
21	-13.36	39.0	45	-11.94	40.0	69	-3.00	39.0	93	-1.17	36.0
22	-15.19	40.0	46	-4.29	39.0	70	0.0	39.0	94	0.0	37.0
23	-16.77	40.0	47	-6.98	39.0	71	0.0	39.0	95	0.0	37.0

TABLE 4

Tabulated Values For Average and Median Storm Patterns

ROSMAN TEC DATA

ROSMAN.N.C. TEC 1978 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DAILY VARIATIONS (SD) **** = NO DATA # ANALYZED THIS RUN = 13

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	42.42	1.0	48.36	11.0	-3.54	12.0	-6.85	9.0
1	84.86	1.0	44.81	11.0	-7.24	12.0	-11.69	11.0
2	72.22	1.0	26.30	12.0	-9.71	13.0	-11.32	11.0
3	57.89	1.0	16.26	13.0	-14.13	12.0	-13.22	11.0
4	31.66	2.0	11.77	13.0	-18.55	11.0	-9.46	11.0
5	26.67	2.0	8.69	13.0	-22.53	10.0	-3.24	10.0
6	13.21	2.0	1.48	13.0	-20.57	11.0	-8.03	11.0
7	-0.71	3.0	-5.64	13.0	-7.64	12.0	-0.34	11.0
8	-4.23	4.0	-6.91	13.0	-5.40	12.0	-1.33	11.0
9	19.88	4.0	-8.62	12.0	-3.83	13.0	-0.63	11.0
10	29.77	4.0	0.39	12.0	-0.61	12.0	-1.77	11.0
11	39.90	4.0	-8.14	12.0	3.11	11.0	1.31	11.0
12	37.29	4.0	-11.53	13.0	-0.70	11.0	1.41	11.0
13	75.85	5.0	-11.60	12.0	-0.23	11.0	4.76	11.0
14	24.12	8.0	-11.60	12.0	-3.17	10.0	4.82	11.0
15	28.97	8.0	-7.95	12.0	-2.91	10.0	4.38	11.0
16	37.55	8.0	-9.08	12.0	1.11	11.0	3.47	11.0
17	64.18	9.0	-13.65	11.0	3.41	11.0	2.29	11.0
18	75.37	10.0	-7.14	12.0	5.31	10.0	4.82	11.0
19	72.04	10.0	-4.29	12.0	15.88	11.0	3.57	11.0
20	70.93	9.0	-7.41	12.0	19.47	10.0	1.54	11.0
21	55.20	9.0	-7.96	12.0	12.16	11.0	-0.95	11.0
22	38.30	10.0	-10.23	12.0	0.98	11.0	-11.10	11.0
23	42.37	11.0	-4.92	12.0	-7.34	11.0	-11.27	11.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	1.0	53.5	11.0	62.6	12.0	38.0	9.0
1	*****	1.0	49.1	11.0	58.9	12.0	47.7	11.0
2	*****	1.0	42.8	12.0	50.4	13.0	50.7	11.0
3	*****	1.0	68.0	13.0	55.8	12.0	55.3	11.0
4	5.8	2.0	61.5	13.0	45.7	11.0	55.1	11.0
5	6.7	3.0	58.6	13.0	34.0	10.0	45.8	10.0
6	9.4	3.0	44.3	13.0	25.0	11.0	43.5	11.0
7	1.0	3.0	27.6	13.0	25.7	12.0	19.7	11.0
8	12.7	4.0	32.4	13.0	26.0	12.0	24.7	11.0
9	23.0	4.0	34.9	12.0	22.3	13.0	27.1	11.0
10	23.1	4.0	41.0	12.0	24.6	12.0	26.5	11.0
11	14.7	4.0	35.6	12.0	29.9	11.0	26.2	11.0
12	15.5	4.0	34.2	12.0	28.0	11.0	24.1	11.0
13	21.5	5.0	35.1	13.0	26.3	11.0	21.0	11.0
14	27.8	8.0	37.2	12.0	24.1	10.0	19.6	11.0
15	35.4	8.0	34.8	12.0	21.0	10.0	20.2	11.0
16	36.7	8.0	31.8	12.0	25.0	11.0	21.7	11.0
17	69.0	9.0	25.3	11.0	25.8	11.0	20.8	11.0
18	79.7	10.0	27.9	12.0	27.9	10.0	26.7	11.0
19	53.9	10.0	36.5	12.0	36.0	11.0	21.7	11.0
20	44.9	9.0	38.0	12.0	40.6	10.0	21.1	11.0
21	46.8	9.0	39.6	12.0	35.0	11.0	30.8	11.0
22	56.0	10.0	40.1	12.0	30.9	11.0	32.1	11.0
23	53.3	11.0	57.5	12.0	30.5	11.0	33.8	11.0

ROSMAN, N.C. TEC 1972 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DST VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 13

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	-0.61	11.0	24	-11.93	13.0	48	0.56	11.0	72	5.29	11.0
1	4.28	11.0	25	-4.04	13.0	49	0.51	11.0	73	6.89	11.0
2	17.32	11.0	26	-6.24	12.0	50	2.50	11.0	74	4.41	11.0
3	34.58	10.0	27	-11.80	11.0	51	1.02	12.0	75	0.19	11.0
4	46.23	10.0	28	-9.57	12.0	52	2.59	12.0	76	-0.54	11.0
5	52.33	12.0	29	-4.62	12.0	53	1.45	12.0	77	-1.34	11.0
6	60.56	12.0	30	-0.97	12.0	54	2.85	10.0	78	-3.09	11.0
7	53.12	12.0	31	-3.55	13.0	55	4.62	12.0	79	-1.88	11.0
8	39.72	11.0	32	-0.90	12.0	56	11.00	12.0	80	-1.25	11.0
9	41.09	11.0	33	0.10	12.0	57	10.37	12.0	81	-1.78	11.0
10	39.65	11.0	34	-2.90	12.0	58	4.73	11.0	82	-4.10	11.0
11	35.13	11.0	35	-5.11	12.0	59	1.05	11.0	83	-4.35	11.0
12	28.24	11.0	36	-0.23	12.0	60	4.22	11.0	84	-3.56	11.0
13	21.52	11.0	37	-4.82	11.0	61	-8.97	11.0	85	-0.39	11.0
14	4.49	11.0	38	-11.83	11.0	62	1.22	12.0	86	2.90	11.0
15	-0.88	13.0	39	-11.09	12.0	63	-5.87	12.0	87	2.77	11.0
16	-3.61	13.0	40	2.82	11.0	64	-3.72	12.0	88	4.33	11.0
17	-13.73	12.0	41	8.56	11.0	65	-3.21	11.0	89	0.45	11.0
18	0.07	13.0	42	6.88	12.0	66	-7.40	12.0	90	-1.20	11.0
19	-2.58	13.0	43	13.79	11.0	67	-1.67	12.0	91	3.54	11.0
20	-4.19	13.0	44	15.00	10.0	68	-5.52	12.0	92	-2.91	11.0
21	-5.17	13.0	45	10.83	11.0	69	-4.03	11.0	93	-7.16	11.0
22	-9.52	13.0	46	5.53	11.0	70	1.54	11.0	94	-3.62	11.0
23	-10.95	13.0	47	7.52	11.0	71	2.66	11.0	95	-4.91	10.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	18.0	11.0	24	42.5	13.0	48	25.3	11.0	72	36.8	11.0
1	23.3	11.0	25	43.5	13.0	49	23.8	11.0	73	31.1	11.0
2	33.9	11.0	26	46.7	12.0	50	28.4	11.0	74	31.5	11.0
3	50.3	10.0	27	45.1	11.0	51	37.5	12.0	75	24.9	11.0
4	57.7	10.0	28	39.4	12.0	52	29.6	12.0	76	24.8	11.0
5	77.5	12.0	29	41.6	12.0	53	32.8	12.0	77	25.8	11.0
6	80.6	12.0	30	48.2	12.0	54	31.5	12.0	78	23.1	11.0
7	59.8	12.0	31	45.6	12.0	55	34.1	12.0	79	20.3	11.0
8	55.1	11.0	32	43.7	12.0	56	37.7	12.0	80	18.9	11.0
9	53.5	11.0	33	43.2	12.0	57	29.7	12.0	81	22.7	11.0
10	53.8	11.0	34	44.0	12.0	58	30.1	11.0	82	33.2	11.0
11	44.3	11.0	35	39.6	12.0	59	31.1	11.0	83	33.1	11.0
12	43.5	11.0	36	44.5	12.0	60	39.0	11.0	84	35.4	11.0
13	43.9	11.0	37	49.2	11.0	61	43.4	11.0	85	34.7	11.0
14	41.4	11.0	38	44.3	11.0	62	54.1	12.0	86	47.3	11.0
15	46.6	13.0	39	41.1	12.0	63	45.8	12.0	87	46.6	11.0
16	45.5	13.0	40	54.0	11.0	64	42.9	12.0	88	40.3	11.0
17	38.9	12.0	41	57.7	11.0	65	32.4	11.0	89	39.4	11.0
18	39.5	13.0	42	52.2	12.0	66	35.4	12.0	90	37.6	11.0
19	36.0	13.0	43	30.7	11.0	67	29.2	12.0	91	33.8	11.0
20	48.5	13.0	44	30.3	10.0	68	33.1	12.0	92	28.6	11.0
21	51.5	13.0	45	32.9	11.0	69	37.7	11.0	93	30.5	11.0
22	41.5	13.0	46	40.9	11.0	70	36.8	11.0	94	31.0	11.0
23	42.1	13.0	47	35.5	11.0	71	36.1	11.0	95	32.4	10.0

ROSMAN.N.C. TEC 1972 GEOMAGNETIC STORM ANALYSIS

MEDIAN DAILY VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 13

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	42.42	1.0	52.00	11.0	-15.04	12.0	6.05	9.0
1	84.85	1.0	57.59	11.0	-20.55	12.0	-18.12	11.0
2	72.22	1.0	40.86	12.0	-13.84	13.0	-22.22	11.0
3	57.89	1.0	26.09	13.0	-20.30	12.0	-13.89	11.0
4	31.65	2.0	35.00	13.0	-15.00	11.0	-22.85	11.0
5	26.57	2.0	9.37	13.0	-12.15	10.0	-18.21	10.0
6	13.21	2.0	-9.68	13.0	-13.35	11.0	-15.94	11.0
7	0.0	3.0	-2.13	13.0	-4.41	12.0	0.0	11.0
8	-1.59	4.0	-19.75	13.0	0.55	12.0	2.93	11.0
9	28.13	4.0	-21.19	12.0	0.68	13.0	3.24	11.0
10	29.17	4.0	0.07	12.0	3.58	10.0	1.79	11.0
11	33.73	4.0	-6.04	12.0	7.68	11.0	1.53	11.0
12	35.90	4.0	-12.83	12.0	3.69	11.0	4.67	11.0
13	37.84	5.0	-17.59	12.0	9.01	11.0	11.17	11.0
14	15.02	8.0	-17.84	12.0	6.15	10.0	1.34	11.0
15	19.03	8.0	-13.46	12.0	4.29	10.0	11.11	11.0
16	29.41	8.0	-10.90	12.0	0.0	11.0	5.84	11.0
17	51.34	9.0	-14.12	11.0	0.0	11.0	0.0	11.0
18	60.77	10.0	-4.48	12.0	11.15	10.0	0.45	11.0
19	54.58	10.0	-10.85	12.0	15.11	11.0	1.79	11.0
20	57.85	9.0	-13.90	12.0	9.58	10.0	-5.41	11.0
21	44.83	9.0	-16.55	12.0	14.23	11.0	0.0	11.0
22	45.47	10.0	-18.45	12.0	7.14	11.0	-9.18	11.0
23	55.67	11.0	-21.64	12.0	-17.71	11.0	-15.38	11.0

ROSMAN.N.C. TEC 1972 GEOMAGNETIC STORM ANALYSIS

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-2.13	11.0	24	-26.87	13.0	48	5.12	11.0	72	10.62	11.0
1	-0.35	11.0	25	-31.23	13.0	49	8.93	11.0	73	11.31	11.0
2	3.85	11.0	26	-21.97	12.0	50	4.02	11.0	74	2.33	11.0
3	26.10	10.0	27	-25.13	11.0	51	-1.85	12.0	75	5.54	11.0
4	33.78	10.0	28	-12.90	10.0	52	7.23	12.0	76	0.0	11.0
5	33.52	12.0	29	-3.70	12.0	53	7.00	12.0	77	0.48	11.0
6	48.13	12.0	30	-4.96	12.0	54	4.77	12.0	78	0.49	11.0
7	50.52	12.0	31	-10.71	12.0	55	5.46	12.0	79	1.53	11.0
8	55.47	11.0	32	-5.31	12.0	56	9.01	12.0	80	0.38	11.0
9	51.34	11.0	33	-4.13	12.0	57	12.13	12.0	81	0.0	11.0
10	40.38	11.0	34	-10.25	12.0	58	6.06	11.0	82	0.45	11.0
11	37.60	12.0	35	-9.91	12.0	59	-4.03	11.0	83	-11.06	11.0
12	33.33	11.0	36	-11.65	12.0	60	-3.51	11.0	84	-5.71	11.0
13	32.58	11.0	37	-11.57	11.0	61	-5.56	11.0	85	-4.20	11.0
14	0.0	11.0	38	-15.00	11.0	62	-0.11	12.0	86	2.60	11.0
15	1.69	12.0	39	-12.15	12.0	63	-3.54	12.0	87	0.0	11.0
16	-5.58	13.0	40	-5.97	11.0	64	-8.26	12.0	88	0.0	11.0
17	-18.35	12.0	41	-3.70	11.0	65	3.16	11.0	89	-5.55	11.0
18	-5.54	13.0	42	0.0	12.0	66	2.34	12.0	90	-5.61	11.0
19	0.0	13.0	43	14.55	11.0	67	-2.22	12.0	91	8.70	11.0
20	-21.08	13.0	44	11.57	10.0	68	-5.33	12.0	92	5.55	11.0
21	-26.53	13.0	45	15.63	11.0	69	-9.26	11.0	93	-3.40	11.0
22	-30.77	13.0	46	1.60	11.0	70	-1.19	11.0	94	4.17	11.0
23	-19.83	13.0	47	6.38	11.0	71	0.0	11.0	95	-8.39	10.0

TABLE 5

Tabulated Values For Average and Median Storm Patterns

CAPE KENNEDY TEC DATA

KENNEDY SFC 1973-76 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DAILY VARIATIONS (SD) **** = NO DATA # ANALYZED THIS RUN = 70

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	3.75	15.0	37.03	68.0	-1.41	67.0	7.51	63.0
1	9.27	19.0	32.24	68.0	-1.97	66.0	6.95	62.0
2	3.52	18.0	19.44	67.0	-4.25	67.0	1.33	62.0
3	6.84	21.0	12.06	67.0	-7.13	67.0	-2.01	61.0
4	5.59	24.0	7.41	67.0	-10.41	67.0	-4.30	61.0
5	2.24	25.0	2.24	67.0	-9.30	65.0	-5.39	61.0
6	2.40	25.0	4.11	67.0	-6.55	64.0	-2.70	61.0
7	3.55	25.0	1.02	67.0	-1.31	65.0	3.09	62.0
8	12.03	31.0	1.85	68.0	0.95	65.0	6.77	62.0
9	14.04	34.0	2.52	68.0	3.70	66.0	5.80	62.0
10	21.14	39.0	7.74	68.0	7.83	65.0	8.30	60.0
11	31.74	42.0	8.90	68.0	9.25	66.0	4.95	61.0
12	34.82	44.0	11.29	69.0	11.47	64.0	3.33	62.0
13	45.61	44.0	6.29	69.0	9.33	63.0	3.71	62.0
14	45.93	48.0	4.20	69.0	8.08	63.0	1.90	62.0
15	49.41	49.0	0.82	69.0	3.00	63.0	3.27	62.0
16	36.00	55.0	-1.19	69.0	4.46	64.0	1.90	62.0
17	39.40	55.0	-1.20	69.0	3.07	64.0	1.28	62.0
18	34.57	59.0	-2.85	69.0	2.97	64.0	1.13	62.0
19	43.61	63.0	0.83	68.0	4.72	64.0	-0.17	62.0
20	44.22	63.0	-1.11	68.0	4.93	64.0	-3.18	62.0
21	44.22	64.0	0.83	68.0	5.61	64.0	-2.35	62.0
22	49.36	57.0	2.34	67.0	8.08	64.0	-1.59	62.0
23	42.17	67.0	1.67	67.0	8.61	64.0	-2.65	62.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	17.8	15.0	57.2	68.0	31.3	67.0	32.1	63.0
1	28.5	18.0	53.5	66.0	31.7	66.0	29.4	62.0
2	28.6	18.0	42.0	67.0	29.4	67.0	24.2	62.0
3	34.4	21.0	38.0	67.0	26.2	67.0	24.5	61.0
4	26.8	24.0	39.8	67.0	25.4	67.0	24.5	61.0
5	26.6	25.0	33.6	67.0	30.2	65.0	24.2	61.0
6	22.5	25.0	28.1	67.0	20.9	64.0	17.8	61.0
7	20.5	26.0	20.7	67.0	19.9	65.0	14.9	62.0
8	27.9	31.0	22.0	68.0	17.0	65.0	20.0	62.0
9	25.0	34.0	22.5	68.0	20.3	66.0	21.5	62.0
10	23.3	39.0	23.1	68.0	25.3	65.0	22.5	60.0
11	31.6	42.0	24.4	68.0	23.0	65.0	22.0	61.0
12	37.3	44.0	27.1	69.0	23.9	64.0	19.7	62.0
13	47.7	44.0	31.4	69.0	23.0	63.0	19.2	62.0
14	50.3	48.0	30.0	69.0	25.7	63.0	18.9	62.0
15	53.9	49.0	30.2	69.0	27.1	63.0	19.3	62.0
16	49.2	55.0	29.1	69.0	25.6	64.0	18.0	62.0
17	46.7	55.0	28.3	69.0	27.1	64.0	18.0	62.0
18	62.3	59.0	28.4	69.0	34.0	64.0	19.7	62.0
19	55.4	58.0	33.4	68.0	36.0	64.0	22.7	62.0
20	50.2	62.0	32.2	68.0	35.6	64.0	22.4	62.0
21	46.9	64.0	35.8	68.0	33.8	64.0	26.1	62.0
22	61.8	57.0	37.6	67.0	31.8	64.0	27.0	62.0
23	60.3	67.0	35.1	67.0	33.1	64.0	22.9	62.0

KENNEDY SPC 1973-76 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DST VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 70

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	6.83	68.0	24	9.99	68.0	48	5.02	65.0	72	2.35	62.0
1	3.26	67.0	25	10.51	69.0	49	7.59	65.0	73	4.60	62.0
2	13.74	67.0	26	10.24	70.0	50	8.29	65.0	74	2.45	62.0
3	19.68	68.0	27	10.09	69.0	51	4.79	65.0	75	0.25	62.0
4	25.47	68.0	28	10.73	69.0	52	3.68	62.0	76	-0.76	62.0
5	33.18	68.0	29	10.66	69.0	53	4.33	62.0	77	2.00	62.0
6	33.17	67.0	30	7.50	69.0	54	3.32	62.0	78	1.69	62.0
7	27.76	67.0	31	2.94	69.0	55	3.96	62.0	79	3.55	62.0
8	20.39	67.0	32	2.92	69.0	56	3.43	61.0	80	3.50	62.0
9	21.02	69.0	33	5.05	69.0	57	4.55	61.0	81	0.41	62.0
10	25.54	69.0	34	6.42	69.0	58	2.38	63.0	82	1.55	62.0
11	29.73	69.0	35	2.96	68.0	59	1.30	63.0	83	0.35	62.0
12	34.06	69.0	36	5.45	67.0	60	1.57	63.0	84	-1.22	61.0
13	29.69	69.0	37	6.36	67.0	61	-1.71	63.0	85	-2.05	61.0
14	30.21	69.0	38	6.60	66.0	62	3.22	63.0	86	1.43	61.0
15	21.95	70.0	39	4.95	66.0	63	3.78	62.0	87	0.44	60.0
16	22.76	69.0	40	5.77	66.0	64	5.21	63.0	88	1.28	60.0
17	18.20	68.0	41	2.80	66.0	65	5.25	63.0	89	0.28	60.0
18	20.16	69.0	42	1.35	66.0	66	5.52	61.0	90	-0.33	60.0
19	16.53	69.0	43	-0.85	67.0	67	2.45	62.0	91	0.74	60.0
20	14.26	68.0	44	-1.26	67.0	68	-1.24	62.0	92	-0.12	60.0
21	14.70	68.0	45	0.53	64.0	69	0.97	62.0	93	-0.74	60.0
22	10.91	68.0	46	2.56	63.0	70	2.04	62.0	94	0.09	60.0
23	7.46	68.0	47	6.13	64.0	71	2.09	62.0	95	0.82	60.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	25.8	63.0	24	35.4	68.0	48	32.2	65.0	72	27.5	62.0
1	28.3	67.0	25	34.7	63.0	49	31.8	65.0	73	28.3	62.0
2	36.6	67.0	26	39.4	70.0	50	32.2	65.0	74	23.2	62.0
3	43.3	68.0	27	39.5	69.0	51	27.4	66.0	75	21.5	62.0
4	43.5	68.0	28	39.0	69.0	52	25.8	62.0	76	19.5	62.0
5	47.0	68.0	29	35.5	69.0	53	25.5	62.0	77	21.0	62.0
6	46.4	67.0	30	31.7	69.0	54	25.7	62.0	78	22.9	62.0
7	43.9	67.0	31	28.7	69.0	55	25.0	62.0	79	24.8	62.0
8	43.1	67.0	32	28.6	69.0	56	24.2	61.0	80	25.5	62.0
9	43.2	69.0	33	29.3	69.0	57	22.4	61.0	81	17.3	62.0
10	52.5	69.0	34	28.6	69.0	58	20.5	63.0	82	18.0	62.0
11	56.5	69.0	35	24.0	69.0	59	20.4	63.0	83	16.1	62.0
12	56.0	69.0	36	27.0	67.0	60	22.0	63.0	84	18.4	61.0
13	57.9	69.0	37	33.5	67.0	61	22.3	63.0	85	18.5	61.0
14	55.4	69.0	38	37.2	66.0	62	25.3	63.0	86	19.1	61.0
15	53.0	70.0	39	37.0	65.0	63	28.0	62.0	87	15.3	60.0
16	47.0	69.0	40	30.8	66.0	64	27.9	63.0	88	19.0	60.0
17	41.2	68.0	41	30.4	65.0	65	28.0	63.0	89	20.1	60.0
18	48.3	69.0	42	30.5	65.0	66	25.0	61.0	90	23.8	60.0
19	40.0	69.0	43	31.9	67.0	67	23.1	62.0	91	23.7	60.0
20	42.2	68.0	44	35.2	67.0	68	18.3	62.0	92	23.1	60.0
21	39.8	68.0	45	37.8	64.0	69	19.4	62.0	93	24.3	60.0
22	34.1	68.0	46	34.8	63.0	70	21.4	62.0	94	23.9	60.0
23	31.6	68.0	47	38.7	64.0	71	25.0	62.0	95	23.7	60.0

KENNEDY SFC 1973-76 GEOMAGNETIC STORM ANAYLSIS

MEDIAN DAILY VARIATIONS ***** = NO DATA # ANALYZED THIS RUN = 70

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	0.0	15.0	20.87	68.0	0.0	67.0	0.0	63.0
1	1.28	18.0	21.25	68.0	-1.28	66.0	4.26	62.0
2	0.0	18.0	11.75	67.0	-4.88	67.0	0.0	62.0
3	6.50	21.0	8.73	67.0	-4.35	67.0	-6.25	61.0
4	3.70	24.0	4.08	67.0	-10.00	67.0	-9.80	61.0
5	-2.86	26.0	0.0	67.0	-9.37	65.0	-9.30	61.0
6	-1.11	26.0	0.0	67.0	-8.64	64.0	-2.78	61.0
7	1.28	26.0	-2.04	67.0	-2.36	65.0	1.33	62.0
8	6.06	31.0	0.0	68.0	0.0	65.0	0.0	62.0
9	5.88	34.0	3.14	68.0	0.95	66.0	0.89	62.0
10	20.18	39.0	5.87	68.0	0.0	65.0	3.37	60.0
11	34.05	42.0	10.94	68.0	0.0	66.0	0.82	61.0
12	35.60	44.0	6.78	69.0	6.52	64.0	0.0	62.0
13	38.30	44.0	1.37	69.0	3.15	63.0	0.0	62.0
14	33.67	48.0	-0.71	69.0	3.12	63.0	-0.70	62.0
15	40.50	49.0	-0.72	69.0	3.97	63.0	-0.33	62.0
16	18.85	55.0	-3.12	69.0	0.36	64.0	0.0	62.0
17	20.16	56.0	-1.53	69.0	-0.40	64.0	1.06	62.0
18	18.75	59.0	-3.77	69.0	0.0	64.0	0.0	62.0
19	27.97	58.0	-1.14	69.0	-1.75	64.0	-1.90	62.0
20	31.19	62.0	-2.60	68.0	-1.83	64.0	-3.85	62.0
21	41.89	64.0	-5.44	68.0	0.0	64.0	-5.13	62.0
22	30.50	67.0	-7.32	67.0	0.0	64.0	-7.57	62.0
23	29.27	67.0	-2.33	67.0	-2.17	64.0	-6.41	62.0

KENNEDY SFC 1973-76 GEOMAGNETIC STORM ANAYLSIS

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	2.21	68.0	24	3.96	68.0	48	2.50	65.0	72	-1.14	62.0
1	0.0	67.0	25	10.26	69.0	49	4.90	65.0	73	0.26	62.0
2	7.32	67.0	26	9.11	70.0	50	0.57	65.0	74	0.0	62.0
3	11.73	68.0	27	0.0	69.0	51	0.0	65.0	75	0.0	62.0
4	15.00	68.0	28	4.35	69.0	52	0.0	62.0	76	-1.05	62.0
5	22.02	69.0	29	0.0	69.0	53	0.0	62.0	77	-0.31	62.0
6	14.37	67.0	30	5.17	69.0	54	0.0	62.0	78	0.0	62.0
7	15.00	67.0	31	0.0	69.0	55	0.0	62.0	79	0.57	62.0
8	12.90	67.0	32	2.52	69.0	56	-0.81	61.0	80	0.0	62.0
9	11.63	69.0	33	0.0	69.0	57	1.52	61.0	81	-0.92	62.0
10	11.90	69.0	34	2.00	69.0	58	0.0	63.0	82	0.0	62.0
11	18.18	69.0	35	2.50	68.0	59	-3.20	63.0	83	-0.34	62.0
12	20.53	69.0	36	2.50	67.0	60	-5.77	63.0	84	-5.71	61.0
13	17.05	69.0	37	0.83	67.0	61	-4.08	63.0	85	-5.26	61.0
14	10.17	69.0	38	0.0	66.0	62	0.0	63.0	86	0.0	61.0
15	5.91	70.0	39	0.0	66.0	63	0.77	62.0	87	-2.81	60.0
16	9.06	69.0	40	0.0	66.0	64	3.76	63.0	88	0.0	60.0
17	5.37	68.0	41	0.0	65.0	65	4.24	63.0	89	-0.31	60.0
18	12.99	69.0	42	-1.87	65.0	66	2.49	61.0	90	-1.16	60.0
19	10.00	69.0	43	-4.14	67.0	67	0.0	62.0	91	-2.66	60.0
20	1.00	69.0	44	-5.77	67.0	68	-2.84	62.0	92	-1.12	60.0
21	1.47	68.0	45	-3.14	64.0	69	0.0	62.0	93	-4.35	60.0
22	4.09	68.0	46	0.0	67.0	70	0.0	62.0	94	-4.39	60.0
23	2.83	68.0	47	0.0	64.0	71	1.85	62.0	95	0.0	60.0

KENNEDY SFC 1973-78 SEASON: SUMMER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-1.39	4.0	67.56	21.0	5.00	20.0	15.19	20.0
1	14.36	5.0	59.93	21.0	5.24	20.0	10.29	19.0
2	7.79	4.0	40.58	21.0	2.83	20.0	1.13	18.0
3	15.90	5.0	26.05	21.0	-1.23	20.0	-4.73	19.0
4	14.10	7.0	18.40	21.0	-4.61	20.0	-10.64	18.0
5	3.04	7.0	7.71	21.0	-3.99	18.0	-11.15	18.0
6	4.69	7.0	3.03	21.0	-6.80	18.0	-3.42	18.0
7	15.06	7.0	-6.56	21.0	-2.33	19.0	3.13	19.0
8	21.53	10.0	-5.61	21.0	-4.13	19.0	7.74	19.0
9	27.10	10.0	-5.10	21.0	-2.01	19.0	4.52	19.0
10	28.45	10.0	-0.65	21.0	0.32	19.0	11.73	19.0
11	35.11	11.0	0.44	21.0	0.43	20.0	9.72	19.0
12	29.22	11.0	1.84	21.0	2.44	20.0	10.45	19.0
13	33.56	11.0	0.87	21.0	0.55	19.0	8.70	19.0
14	32.45	12.0	-4.54	21.0	1.36	19.0	5.40	19.0
15	27.93	12.0	-8.90	21.0	2.35	19.0	4.00	19.0
16	17.32	15.0	-9.47	21.0	-3.15	20.0	1.50	19.0
17	18.98	15.0	-8.82	21.0	-4.05	20.0	-0.10	19.0
18	18.04	17.0	-14.79	21.0	-5.56	20.0	-4.25	19.0
19	23.09	17.0	-14.92	21.0	-7.33	20.0	-2.64	19.0
20	35.50	19.0	-12.60	21.0	-9.52	20.0	-4.32	19.0
21	46.29	19.0	-6.66	21.0	-2.55	20.0	-1.20	19.0
22	80.95	21.0	-2.95	20.0	8.58	20.0	-0.43	19.0
23	76.53	21.0	6.00	20.0	13.41	20.0	1.90	19.0

KENNEDY SFC 1973-78 SEASON: SUMMER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	3.6	4.0	81.9	21.0	33.0	20.0	36.4	20.0
1	25.1	5.0	70.7	21.0	30.7	20.0	30.2	19.0
2	18.9	4.0	52.4	21.0	31.9	20.0	23.8	18.0
3	25.4	5.0	53.5	21.0	25.2	20.0	23.5	18.0
4	26.8	7.0	57.8	21.0	25.1	20.0	22.0	18.0
5	21.6	7.0	46.5	21.0	30.0	19.0	20.6	19.0
6	20.0	7.0	20.5	21.0	20.1	18.0	14.6	19.0
7	19.1	7.0	14.3	21.0	20.3	19.0	17.0	19.0
8	20.4	10.0	14.7	21.0	17.5	19.0	24.3	19.0
9	26.4	10.0	17.2	21.0	20.2	19.0	20.5	19.0
10	19.7	10.0	18.5	21.0	21.6	19.0	25.4	19.0
11	17.9	11.0	20.1	21.0	23.6	20.0	26.3	19.0
12	17.4	11.0	23.5	21.0	25.4	20.0	24.1	19.0
13	29.7	11.0	28.7	21.0	26.3	19.0	22.3	19.0
14	27.7	12.0	31.0	21.0	24.2	19.0	18.5	19.0
15	25.0	12.0	29.3	21.0	21.2	19.0	21.4	19.0
16	28.1	15.0	28.2	21.0	19.0	20.0	19.6	19.0
17	35.1	15.0	30.8	21.0	18.6	20.0	17.7	19.0
18	34.6	17.0	29.0	21.0	19.5	20.0	18.5	19.0
19	34.7	17.0	29.5	21.0	20.5	20.0	19.6	19.0
20	53.8	19.0	34.3	21.0	22.7	20.0	21.0	19.0
21	62.6	19.0	43.8	21.0	31.0	20.0	28.2	19.0
22	89.5	21.0	48.3	20.0	34.1	20.0	25.3	19.0
23	88.4	21.0	47.0	20.0	38.1	20.0	23.4	19.0

KENNEDY SFC 1973-76 SEASON: SUMMER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	14.72	21.0	24	-0.47	21.0	48	-6.91	20.0	72	-4.84	19.0
1	10.73	20.0	25	5.14	21.0	49	-2.90	20.0	73	0.0	19.0
2	10.30	20.0	26	7.05	21.0	50	-1.56	20.0	74	3.59	19.0
3	14.19	21.0	27	5.00	21.0	51	-2.01	20.0	75	2.87	19.0
4	19.28	21.0	28	6.94	22.0	52	-5.64	18.0	76	0.16	19.0
5	27.70	21.0	29	6.84	22.0	53	-2.38	18.0	77	0.53	19.0
6	28.57	21.0	30	5.08	22.0	54	-0.60	18.0	78	-3.32	19.0
7	30.03	21.0	31	4.53	22.0	55	1.84	18.0	79	1.25	19.0
8	31.06	21.0	32	4.71	22.0	56	0.03	19.0	80	2.44	19.0
9	28.38	21.0	33	11.20	22.0	57	3.48	18.0	81	0.20	19.0
10	30.11	21.0	34	11.40	22.0	58	2.84	19.0	82	5.19	19.0
11	32.53	21.0	35	-0.38	21.0	59	0.98	19.0	83	3.24	19.0
12	40.28	21.0	36	3.46	21.0	60	0.58	19.0	84	3.21	19.0
13	37.74	21.0	37	5.72	20.0	61	-0.41	19.0	85	0.85	19.0
14	45.93	21.0	38	7.75	20.0	62	8.99	19.0	86	9.73	19.0
15	34.58	21.0	39	9.50	20.0	63	10.37	19.0	87	8.38	19.0
16	32.00	21.0	40	4.38	20.0	64	13.17	19.0	88	3.65	18.0
17	19.15	20.0	41	-0.24	20.0	65	10.25	19.0	89	-2.12	18.0
18	21.92	21.0	42	-2.60	20.0	66	8.43	18.0	90	-1.67	18.0
19	11.31	21.0	43	-7.40	21.0	67	3.51	19.0	91	-2.26	18.0
20	7.95	21.0	44	-9.17	21.0	68	-2.21	19.0	92	-3.34	18.0
21	6.83	21.0	45	-11.45	18.0	69	-4.73	19.0	93	-4.80	18.0
22	-1.22	21.0	46	-11.47	18.0	70	-4.61	19.0	94	-5.04	18.0
23	-5.61	21.0	47	-10.76	19.0	71	-5.19	19.0	95	-1.77	18.0

KENNEDY SFC 1973-76 SEASON: SUMMER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	28.7	21.0	24	25.3	21.0	48	25.7	20.0	72	25.7	19.0
1	28.6	20.0	25	32.0	21.0	49	33.3	20.0	73	28.0	19.0
2	37.0	20.0	26	40.3	21.0	50	33.2	20.0	74	21.6	19.0
3	34.4	21.0	27	40.4	21.0	51	26.6	20.0	75	19.7	19.0
4	35.3	21.0	28	41.5	22.0	52	26.5	18.0	76	19.0	19.0
5	42.3	21.0	29	38.5	22.0	53	19.7	18.0	77	17.8	19.0
6	51.3	21.0	30	37.0	22.0	54	20.2	18.0	78	19.5	19.0
7	53.1	21.0	31	34.1	22.0	55	23.6	18.0	79	23.5	19.0
8	52.6	21.0	32	31.4	22.0	56	23.2	18.0	80	20.3	19.0
9	50.1	21.0	33	35.5	22.0	57	22.6	18.0	81	15.5	19.0
10	55.1	21.0	34	39.2	22.0	58	22.2	19.0	82	18.4	19.0
11	67.4	21.0	35	24.3	21.0	59	17.9	19.0	83	14.9	19.0
12	72.9	21.0	36	28.4	21.0	60	23.6	19.0	84	22.6	19.0
13	73.2	21.0	37	37.3	20.0	61	24.1	19.0	85	24.9	19.0
14	83.9	21.0	38	47.1	20.0	62	28.8	19.0	86	25.7	19.0
15	65.6	21.0	39	44.5	20.0	63	31.7	19.0	87	21.4	18.0
16	60.4	21.0	40	34.2	20.0	64	31.3	19.0	88	22.9	18.0
17	47.1	20.0	41	33.5	20.0	65	32.8	19.0	89	20.4	18.0
18	50.5	21.0	42	27.3	20.0	66	28.7	18.0	90	23.6	18.0
19	37.0	21.0	43	23.5	21.0	67	25.4	19.0	91	24.4	18.0
20	33.6	21.0	44	22.4	21.0	68	20.0	19.0	92	25.8	18.0
21	32.8	21.0	45	24.5	18.0	69	20.2	19.0	93	26.9	18.0
22	28.2	21.0	46	27.2	18.0	70	18.9	19.0	94	25.5	18.0
23	21.5	21.0	47	29.0	19.0	71	21.5	19.0	95	28.7	18.0

KENNEDY SFC 1973-76 SEASON: SUMMER

MEDIAN DAILY VARIATIONS ***** = NO DATA. TOTAL NUMBER ANALYZED THIS SEASON #22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-2.83	4.0	57.89	21.0	0.0	20.0	1.43	20.0
1	5.88	5.0	45.15	21.0	2.63	20.0	4.17	19.0
2	0.0	4.0	38.64	21.0	-1.52	20.0	-7.21	18.0
3	7.45	5.0	24.24	21.0	0.0	20.0	-9.71	19.0
4	7.41	7.0	13.33	21.0	-3.49	20.0	-14.48	18.0
5	-3.03	7.0	0.0	21.0	-6.70	18.0	-18.00	18.0
6	8.06	7.0	3.57	21.0	-2.11	18.0	-5.25	18.0
7	2.56	7.0	-7.69	21.0	-8.11	19.0	0.0	19.0
8	14.45	10.0	-5.88	21.0	-5.17	19.0	0.0	19.0
9	21.13	10.0	-7.05	21.0	1.14	19.0	0.0	19.0
10	32.83	10.0	-4.05	21.0	-1.08	19.0	7.12	19.0
11	43.43	11.0	0.0	21.0	-5.09	20.0	5.94	19.0
12	20.00	11.0	0.0	21.0	-4.84	20.0	3.50	19.0
13	37.72	11.0	-5.06	21.0	-3.13	19.0	6.32	19.0
14	31.33	12.0	-12.98	21.0	-5.19	19.0	2.59	19.0
15	29.65	12.0	-10.87	21.0	0.0	19.0	-1.65	19.0
16	11.26	16.0	-10.00	21.0	-4.46	20.0	-4.90	19.0
17	10.32	16.0	-19.43	21.0	-5.73	20.0	0.74	19.0
18	8.92	17.0	-24.37	21.0	-5.51	20.0	-0.84	19.0
19	17.07	17.0	-25.85	21.0	-9.21	20.0	-2.16	19.0
20	17.07	19.0	-26.92	21.0	-10.35	20.0	0.0	19.0
21	41.67	19.0	-11.67	21.0	-3.41	20.0	8.00	19.0
22	54.35	21.0	-10.56	20.0	5.76	20.0	0.0	19.0
23	60.98	21.0	-1.39	20.0	0.0	20.0	0.0	19.0

KENNEDY SFC 1973-76 SEASON: SUMMER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	10.34	21.0	24	1.69	21.0	48	-10.33	20.0	72	-9.43	19.0
1	3.68	20.0	25	0.0	21.0	49	-9.83	20.0	73	0.0	19.0
2	2.32	20.0	26	0.0	21.0	50	-5.18	20.0	74	0.0	19.0
3	5.77	21.0	27	1.52	21.0	51	-12.90	20.0	75	1.82	19.0
4	17.07	21.0	28	0.79	22.0	52	-16.29	18.0	76	2.56	19.0
5	26.79	21.0	29	-2.63	22.0	53	-6.37	18.0	77	0.0	19.0
6	14.97	21.0	30	-10.56	22.0	54	-1.44	18.0	78	-4.35	19.0
7	22.33	21.0	31	0.0	22.0	55	-1.05	18.0	79	-6.61	19.0
8	23.19	21.0	32	1.26	22.0	56	-3.00	18.0	80	-3.77	19.0
9	19.56	21.0	33	2.63	22.0	57	-1.21	18.0	81	-4.03	19.0
10	12.50	21.0	34	0.0	22.0	58	-2.64	19.0	82	0.0	19.0
11	15.03	21.0	35	-4.30	21.0	59	0.0	19.0	83	2.00	19.0
12	16.84	21.0	36	0.0	21.0	60	-7.09	19.0	84	1.69	19.0
13	0.55	21.0	37	1.93	20.0	61	-3.33	19.0	85	0.0	19.0
14	17.82	21.0	38	0.0	20.0	62	1.92	19.0	86	0.0	19.0
15	6.90	21.0	39	0.39	20.0	63	0.83	19.0	87	0.0	18.0
16	8.06	21.0	40	-1.25	20.0	64	7.48	19.0	88	0.0	19.0
17	6.77	20.0	41	-5.27	20.0	65	6.25	19.0	89	0.59	19.0
18	7.25	21.0	42	-3.65	20.0	66	5.94	18.0	90	0.0	18.0
19	11.23	21.0	43	-5.71	21.0	67	-2.97	19.0	91	-4.10	19.0
20	0.0	21.0	44	-8.26	21.0	68	-6.47	19.0	92	-7.64	18.0
21	-2.94	21.0	45	-14.45	18.0	69	-2.86	19.0	93	-15.14	18.0
22	-2.49	21.0	46	-14.10	18.0	70	-1.69	19.0	94	-10.54	18.0
23	-5.14	21.0	47	-14.00	19.0	71	0.0	19.0	95	-7.51	18.0

KENNEDY SPC 1973-76 SEASON: FALL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON = 7

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	37.14	1.0	41.10	7.0	-13.18	7.0	-0.71	6.0
1	80.56	1.0	35.18	7.0	-19.49	7.0	0.11	6.0
2	80.56	1.0	16.34	7.0	-17.24	7.0	-4.23	6.0
3	14.29	1.0	5.88	7.0	-17.31	7.0	-7.18	6.0
4	12.90	1.0	11.44	7.0	-18.78	7.0	3.65	6.0
5	3.42	2.0	10.18	7.0	-20.44	7.0	-7.73	6.0
6	4.54	2.0	18.01	7.0	-4.34	7.0	3.38	6.0
7	11.35	2.0	3.45	7.0	-6.98	7.0	-2.13	6.0
8	30.36	3.0	-0.53	7.0	-2.67	7.0	-1.60	6.0
9	32.39	3.0	-1.17	7.0	3.41	7.0	6.42	6.0
10	34.50	3.0	5.44	7.0	13.83	7.0	19.78	6.0
11	29.06	3.0	2.31	7.0	8.65	7.0	22.51	6.0
12	32.44	4.0	4.95	7.0	1.99	6.0	22.74	6.0
13	31.06	4.0	-7.85	7.0	-0.83	6.0	21.08	6.0
14	19.34	6.0	-18.19	7.0	-4.11	6.0	15.56	6.0
15	41.02	6.0	-19.34	7.0	-4.80	6.0	13.36	6.0
16	49.87	6.0	-18.38	7.0	-5.53	6.0	6.93	6.0
17	52.81	6.0	-15.79	7.0	-8.82	6.0	1.60	6.0
18	63.67	6.0	-3.29	7.0	-3.51	6.0	8.59	6.0
19	73.84	6.0	24.75	7.0	3.73	6.0	4.20	6.0
20	68.14	6.0	9.00	7.0	1.21	6.0	-7.32	6.0
21	54.03	7.0	6.36	7.0	-1.55	6.0	-6.94	6.0
22	40.03	7.0	1.92	7.0	0.23	6.0	-9.45	6.0
23	35.81	7.0	-7.05	7.0	1.67	6.0	-9.97	6.0

KENNEDY SPC 1973-76 SEASON: FALL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	*****	1.0	52.3	7.0	18.1	7.0	17.2	6.0
1	*****	1.0	45.7	7.0	18.4	7.0	12.4	6.0
2	*****	1.0	30.0	7.0	15.7	7.0	12.5	6.0
3	*****	1.0	17.7	7.0	15.9	7.0	12.0	6.0
4	*****	1.0	21.5	7.0	26.2	7.0	20.9	6.0
5	25.2	2.0	21.8	7.0	31.1	7.0	30.4	6.0
6	14.2	2.0	26.2	7.0	10.3	7.0	24.8	6.0
7	24.0	2.0	16.5	7.0	9.3	7.0	9.0	6.0
8	27.4	3.0	21.5	7.0	9.3	7.0	13.8	6.0
9	25.7	3.0	22.0	7.0	8.9	7.0	21.1	6.0
10	8.7	3.0	27.7	7.0	17.0	7.0	20.0	6.0
11	1.3	3.0	28.3	7.0	21.1	7.0	23.5	6.0
12	17.9	4.0	27.1	7.0	15.2	6.0	22.1	6.0
13	15.3	4.0	20.6	7.0	15.1	6.0	22.9	6.0
14	32.8	6.0	15.2	7.0	14.0	6.0	25.4	6.0
15	50.0	6.0	12.6	7.0	21.6	6.0	18.2	6.0
16	57.6	6.0	15.2	7.0	24.7	6.0	7.3	6.0
17	52.0	6.0	17.7	7.0	23.8	6.0	8.5	6.0
18	72.2	6.0	25.9	7.0	26.0	6.0	10.1	6.0
19	75.7	6.0	51.2	7.0	20.9	6.0	17.2	6.0
20	72.4	6.0	39.7	7.0	20.6	6.0	22.0	6.0
21	70.0	7.0	34.3	7.0	23.6	6.0	13.0	6.0
22	52.2	7.0	24.7	7.0	19.2	6.0	8.1	6.0
23	53.1	7.0	18.7	7.0	21.4	6.0	9.0	6.0

KENNEDY SFC 1973-76 SEASON: FALL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON = 7

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	17.73	7.0	24	0.32	7.0	48	9.76	7.0	72	7.91	6.0
1	24.66	7.0	25	-2.56	7.0	49	13.53	7.0	73	13.39	6.0
2	30.24	7.0	26	-7.77	7.0	50	10.35	7.0	74	12.49	6.0
3	39.92	7.0	27	-8.21	7.0	51	-1.26	7.0	75	12.75	6.0
4	42.16	7.0	28	-3.28	7.0	52	-7.46	6.0	76	10.28	6.0
5	51.16	7.0	29	3.67	7.0	53	-7.44	6.0	77	8.76	6.0
6	51.73	7.0	30	5.40	7.0	54	0.52	6.0	78	4.62	6.0
7	33.08	7.0	31	-1.25	7.0	55	-2.71	6.0	79	-1.27	6.0
8	21.82	7.0	32	-8.57	7.0	56	-0.57	6.0	80	-6.57	6.0
9	23.95	7.0	33	-9.31	7.0	57	1.30	6.0	81	-4.15	6.0
10	35.43	7.0	34	-1.85	7.0	58	1.00	6.0	82	-0.68	6.0
11	44.30	7.0	35	3.68	7.0	59	0.52	6.0	83	1.55	6.0
12	45.43	7.0	36	4.57	7.0	60	-0.34	6.0	84	3.15	6.0
13	47.53	7.0	37	-0.15	7.0	61	-1.07	6.0	85	5.69	6.0
14	25.60	7.0	38	0.44	7.0	62	13.25	6.0	86	3.13	6.0
15	26.98	7.0	39	-9.53	7.0	63	13.97	6.0	87	-1.99	6.0
16	25.39	7.0	40	-7.77	7.0	64	14.13	6.0	88	-1.72	6.0
17	22.17	7.0	41	-13.38	7.0	65	1.98	6.0	89	-1.77	6.0
18	13.60	7.0	42	-16.85	7.0	66	-1.95	6.0	90	2.89	6.0
19	6.35	7.0	43	-15.70	7.0	67	-2.15	6.0	91	4.47	6.0
20	6.73	7.0	44	-12.29	7.0	68	4.10	6.0	92	10.03	6.0
21	5.04	7.0	45	-10.02	7.0	69	9.60	6.0	93	7.88	6.0
22	5.59	7.0	46	1.03	7.0	70	11.49	6.0	94	10.41	6.0
23	2.09	7.0	47	15.59	7.0	71	12.22	6.0	95	10.87	6.0

KENNEDY SFC 1973-76 SEASON: FALL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	34.6	7.0	24	44.5	7.0	48	38.0	7.0	72	38.5	6.0
1	34.4	7.0	25	43.7	7.0	49	37.8	7.0	73	28.6	6.0
2	36.4	7.0	26	41.5	7.0	50	28.1	7.0	74	25.3	6.0
3	47.3	7.0	27	42.4	7.0	51	24.2	7.0	75	25.7	6.0
4	60.6	7.0	28	40.5	7.0	52	19.5	6.0	76	13.8	6.0
5	61.7	7.0	29	40.9	7.0	53	21.0	6.0	77	12.5	6.0
6	61.6	7.0	30	38.3	7.0	54	22.6	6.0	78	25.0	6.0
7	51.7	7.0	31	31.8	7.0	55	15.4	6.0	79	21.9	6.0
8	34.9	7.0	32	23.7	7.0	56	16.4	6.0	80	21.5	6.0
9	30.7	7.0	33	16.5	7.0	57	14.7	6.0	81	11.8	6.0
10	45.2	7.0	34	15.8	7.0	58	9.0	6.0	82	13.2	6.0
11	61.2	7.0	35	19.4	7.0	59	7.9	6.0	83	10.8	6.0
12	63.0	7.0	36	18.3	7.0	60	8.1	6.0	84	7.7	6.0
13	64.5	7.0	37	15.8	7.0	61	15.7	6.0	85	9.8	6.0
14	51.7	7.0	38	21.7	7.0	62	25.1	6.0	86	13.7	6.0
15	50.1	7.0	39	21.4	7.0	63	28.2	6.0	87	17.9	6.0
16	52.3	7.0	40	22.1	7.0	64	26.1	6.0	88	17.4	6.0
17	43.4	7.0	41	16.5	7.0	65	21.5	6.0	89	12.2	6.0
18	29.3	7.0	42	15.9	7.0	66	12.0	6.0	90	12.0	6.0
19	16.5	7.0	43	17.2	7.0	67	10.4	6.0	91	13.3	6.0
20	17.9	7.0	44	24.7	7.0	68	18.5	6.0	92	17.0	6.0
21	22.0	7.0	45	31.0	7.0	69	25.6	6.0	93	22.4	6.0
22	25.1	7.0	46	19.4	7.0	70	22.0	6.0	94	13.5	6.0
23	32.5	7.0	47	50.1	7.0	71	30.5	6.0	95	19.1	6.0

KENNEDY SFC 1973-76 SEASON: FALL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON = 7

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	37.14	1.0	22.64	7.0	-12.82	7.0	-4.41	6.0
1	80.56	1.0	17.65	7.0	-7.89	7.0	-0.98	6.0
2	80.56	1.0	6.09	7.0	-9.60	7.0	-3.03	6.0
3	14.29	1.0	8.33	7.0	-13.89	7.0	-3.12	6.0
4	10.90	1.0	11.54	7.0	-12.82	7.0	2.36	6.0
5	3.42	2.0	0.0	7.0	-9.38	7.0	-21.58	6.0
6	4.54	2.0	8.11	7.0	-2.86	7.0	-4.21	6.0
7	11.35	2.0	-2.82	7.0	-8.75	7.0	-2.12	6.0
8	37.17	3.0	0.0	7.0	0.0	7.0	-6.51	6.0
9	37.05	3.0	8.38	7.0	0.0	7.0	0.46	6.0
10	40.32	3.0	9.32	7.0	19.65	7.0	15.75	6.0
11	28.67	3.0	0.0	7.0	11.61	7.0	26.43	6.0
12	35.42	4.0	11.90	7.0	5.56	6.0	13.55	6.0
13	36.16	4.0	-9.63	7.0	3.33	6.0	23.00	6.0
14	19.87	6.0	-18.75	7.0	-2.65	6.0	12.55	6.0
15	31.01	6.0	-13.33	7.0	-11.03	6.0	9.21	6.0
16	28.85	6.0	-13.00	7.0	-15.77	6.0	4.51	6.0
17	33.20	6.0	-4.70	7.0	-11.43	6.0	5.39	6.0
18	34.26	6.0	4.31	7.0	-13.17	6.0	10.85	6.0
19	73.49	6.0	13.92	7.0	1.06	6.0	5.96	6.0
20	55.08	6.0	-10.20	7.0	-1.89	6.0	-11.96	6.0
21	46.15	7.0	-9.52	7.0	-3.95	6.0	-7.89	6.0
22	22.64	7.0	-11.43	7.0	-3.95	6.0	-10.43	6.0
23	22.64	7.0	-8.57	7.0	-7.57	6.0	-8.57	6.0

KENNEDY SFC 1973-76 SEASON: FALL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	22.53	7.0	24	-12.04	7.0	48	-2.65	7.0	72	-5.85	6.0
1	20.45	7.0	25	-13.16	7.0	49	4.90	7.0	73	0.26	6.0
2	33.33	7.0	26	-14.54	7.0	50	11.27	7.0	74	3.38	6.0
3	30.77	7.0	27	-12.05	7.0	51	8.57	7.0	75	4.29	6.0
4	37.14	7.0	28	-9.59	7.0	52	-16.35	6.0	76	11.14	6.0
5	4.85	7.0	29	-8.11	7.0	53	-5.65	6.0	77	12.56	6.0
6	51.02	7.0	30	-10.20	7.0	54	3.14	6.0	78	9.24	6.0
7	11.11	7.0	31	-2.63	7.0	55	-3.95	6.0	79	0.0	6.0
8	0.87	7.0	32	-9.63	7.0	56	3.23	6.0	80	-5.66	6.0
9	15.57	7.0	33	-10.81	7.0	57	1.08	6.0	81	-6.48	6.0
10	23.64	7.0	34	0.0	7.0	58	3.73	6.0	82	2.14	6.0
11	22.64	7.0	35	0.0	7.0	59	-2.15	6.0	83	1.13	6.0
12	22.64	7.0	36	7.20	7.0	60	-1.82	6.0	84	3.60	6.0
13	17.55	7.0	37	0.0	7.0	61	-0.98	6.0	85	2.08	6.0
14	10.13	7.0	38	-7.69	7.0	62	11.32	6.0	86	8.65	6.0
15	21.74	7.0	39	-14.59	7.0	63	11.22	6.0	87	-3.19	6.0
16	9.69	7.0	40	-9.68	7.0	64	10.95	6.0	88	3.27	6.0
17	2.50	7.0	41	-12.64	7.0	65	3.06	6.0	89	-1.20	6.0
18	2.65	7.0	42	-8.57	7.0	66	-2.95	6.0	90	0.71	6.0
19	11.99	7.0	43	-8.79	7.0	67	-3.79	6.0	91	5.71	6.0
20	0.0	7.0	44	0.0	7.0	68	-0.33	6.0	92	4.25	6.0
21	-3.23	7.0	45	0.0	7.0	69	7.18	6.0	93	2.44	6.0
22	0.0	7.0	46	0.0	7.0	70	4.52	6.0	94	0.75	6.0
23	-7.50	7.0	47	0.0	7.0	71	5.08	6.0	95	18.10	6.0

KENNEDY SFC 1973-78 SEASON: WINTER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =26

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	3.73	6.0	23.70	25.0	-0.97	25.0	1.27	23.0
1	3.09	8.0	24.31	25.0	-0.33	24.0	2.04	23.0
2	-7.48	9.0	15.33	24.0	-3.09	25.0	0.46	24.0
3	-0.09	11.0	10.42	34.0	-4.42	25.0	-2.81	23.0
4	-0.82	12.0	7.29	24.0	-7.73	25.0	-3.53	23.0
5	1.07	12.0	3.31	24.0	-3.41	25.0	-2.58	23.0
6	3.84	13.0	8.80	24.0	-4.21	24.0	-3.85	23.0
7	-1.73	13.0	6.37	24.0	-0.93	24.0	3.49	23.0
8	0.95	13.0	4.69	25.0	2.01	24.0	6.72	23.0
9	0.72	15.0	9.65	26.0	5.13	25.0	4.34	23.0
10	14.25	19.0	16.86	26.0	13.46	24.0	5.91	23.0
11	31.94	20.0	17.57	26.0	16.87	24.0	-3.35	22.0
12	40.37	20.0	20.40	25.0	19.49	24.0	-2.31	23.0
13	52.72	20.0	19.86	26.0	17.30	24.0	0.01	23.0
14	57.70	20.0	15.47	26.0	13.73	24.0	0.10	23.0
15	58.54	20.0	14.35	26.0	13.94	24.0	5.26	23.0
16	42.25	21.0	12.06	26.0	10.33	24.0	4.55	23.0
17	29.86	20.0	13.51	26.0	10.42	24.0	4.09	23.0
18	44.97	22.0	11.37	26.0	9.90	24.0	2.03	23.0
19	56.18	22.0	11.32	25.0	8.03	24.0	-5.53	23.0
20	50.98	23.0	5.35	25.0	11.16	24.0	-8.15	23.0
21	45.28	23.0	2.23	25.0	8.59	24.0	-9.05	23.0
22	33.13	24.0	0.27	25.0	5.61	24.0	-10.10	23.0
23	24.01	24.0	-1.72	25.0	4.11	24.0	-9.37	23.0

KENNEDY SFC 1973-78 SEASON: WINTER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	20.7	6.0	33.4	25.0	30.9	25.0	27.2	23.0
1	23.9	8.0	30.0	25.0	30.2	24.0	26.1	23.0
2	23.7	0.0	34.1	24.0	28.3	25.0	22.9	24.0
3	24.6	11.0	30.1	24.0	28.0	25.0	22.8	23.0
4	27.6	12.0	30.4	24.0	26.5	25.0	24.1	27.0
5	31.9	12.0	28.8	24.0	31.3	25.0	23.8	23.0
6	23.7	13.0	29.5	24.0	24.1	24.0	17.8	23.0
7	17.2	13.0	16.6	24.0	18.5	24.0	13.6	23.0
8	11.9	13.0	13.5	25.0	13.5	24.0	10.5	23.0
9	17.0	15.0	17.3	26.0	19.0	25.0	22.0	23.0
10	27.0	19.0	20.5	26.0	25.9	24.0	18.8	23.0
11	40.8	20.0	19.9	26.0	29.9	24.0	14.9	22.0
12	46.9	20.0	25.8	26.0	32.2	24.0	11.8	23.0
13	59.5	20.0	30.5	26.0	30.7	24.0	11.8	23.0
14	50.3	20.0	25.5	26.0	22.6	24.0	10.4	23.0
15	55.8	20.0	25.2	26.0	26.1	24.0	18.6	23.0
16	43.3	21.0	26.4	26.0	25.2	24.0	20.3	23.0
17	35.5	20.0	24.3	26.0	32.8	24.0	19.7	23.0
18	50.3	22.0	24.0	26.0	45.8	24.0	19.7	23.0
19	56.0	22.0	22.1	25.0	43.8	24.0	21.6	23.0
20	43.3	23.0	25.4	25.0	45.4	24.0	16.5	23.0
21	35.0	23.0	28.8	25.0	35.7	24.0	17.0	23.0
22	32.1	24.0	30.5	25.0	30.2	24.0	16.0	23.0
23	27.2	24.0	31.3	25.0	31.7	24.0	17.1	23.0

KENNEDY SFC 1973-76 SEASON: WINTER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON #26

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	0.12	24.0	24	20.64	24.0	48	10.12	24.0	72	3.99	23.0
1	3.20	24.0	25	21.33	25.0	49	12.13	24.0	73	3.22	23.0
2	10.13	24.0	26	22.99	26.0	50	13.56	24.0	74	-1.98	23.0
3	13.08	24.0	27	21.77	26.0	51	7.43	24.0	75	-5.59	23.0
4	19.96	24.0	28	20.08	25.0	52	3.89	24.0	76	-6.67	23.0
5	22.47	24.0	29	20.35	25.0	53	4.54	24.0	77	-7.91	23.0
6	23.32	23.0	30	14.66	25.0	54	1.54	24.0	78	-2.58	23.0
7	21.54	23.0	31	5.55	25.0	55	4.09	24.0	79	0.50	23.0
8	13.95	23.0	32	8.51	25.0	56	4.32	23.0	80	2.94	23.0
9	25.84	25.0	33	10.51	25.0	57	4.81	23.0	81	-2.21	23.0
10	35.73	25.0	34	11.71	23.0	58	1.74	24.0	82	-5.24	23.0
11	31.85	25.0	35	10.45	23.0	59	1.40	24.0	83	-5.06	23.0
12	31.31	25.0	36	13.84	24.0	60	2.10	24.0	84	-6.42	23.0
13	20.33	25.0	37	13.01	25.0	61	-2.81	24.0	85	-6.45	22.0
14	25.68	25.0	38	9.34	24.0	62	-3.28	24.0	86	-3.26	22.0
15	19.86	25.0	39	4.38	24.0	63	-1.54	23.0	87	-1.02	22.0
16	21.44	25.0	40	6.58	25.0	64	0.52	24.0	88	1.75	22.0
17	24.35	25.0	41	5.06	25.0	65	3.05	24.0	89	1.45	22.0
18	33.68	25.0	42	5.85	25.0	66	7.57	23.0	90	-2.73	22.0
19	38.55	25.0	43	6.24	25.0	67	5.91	23.0	91	-3.45	22.0
20	35.84	24.0	44	9.21	25.0	68	-0.81	23.0	92	-4.18	22.0
21	36.69	24.0	45	12.91	25.0	69	3.73	23.0	93	-5.17	22.0
22	28.87	24.0	46	12.39	24.0	70	4.84	23.0	94	-4.09	22.0
23	18.38	24.0	47	13.75	24.0	71	6.08	23.0	95	-2.71	22.0

KENNEDY SFC 1973-76 SEASON: WINTER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	18.8	24.0	24	39.2	24.0	48	30.3	24.0	72	24.6	23.0
1	25.0	24.0	25	31.4	25.0	49	32.2	24.0	73	20.7	23.0
2	33.1	24.0	26	32.5	26.0	50	30.7	24.0	74	19.7	23.0
3	38.1	24.0	27	34.0	25.0	51	26.4	24.0	75	19.3	23.0
4	37.4	24.0	28	30.9	25.0	52	21.1	24.0	76	18.1	23.0
5	40.0	24.0	29	28.3	25.0	53	21.5	24.0	77	16.5	23.0
6	35.5	23.0	30	19.6	25.0	54	25.6	24.0	78	19.3	23.0
7	33.7	23.0	31	18.9	25.0	55	25.4	24.0	79	21.3	23.0
8	31.0	22.0	32	22.1	25.0	56	25.6	23.0	80	18.2	23.0
9	40.9	25.0	33	24.6	25.0	57	23.6	23.0	81	17.9	23.0
10	59.0	25.0	34	20.2	25.0	58	20.6	24.0	82	17.0	23.0
11	55.2	25.0	35	22.4	25.0	59	20.8	24.0	83	14.7	23.0
12	52.4	25.0	36	20.3	24.0	60	22.5	24.0	84	15.4	23.0
13	49.5	25.0	37	35.4	25.0	61	17.9	24.0	85	13.7	22.0
14	55.9	25.0	38	37.7	24.0	62	16.1	24.0	86	12.6	22.0
15	40.5	25.0	39	37.0	24.0	63	19.1	23.0	87	14.4	22.0
16	34.4	25.0	40	31.0	25.0	64	24.0	24.0	88	14.8	22.0
17	32.1	25.0	41	31.0	25.0	65	24.9	24.0	89	16.3	22.0
18	33.0	25.0	42	34.0	25.0	66	23.0	23.0	90	20.4	22.0
19	41.9	25.0	43	41.1	25.0	67	20.8	23.0	91	20.9	22.0
20	52.4	24.0	44	40.2	25.0	68	17.1	23.0	92	21.1	22.0
21	46.7	24.0	45	49.5	23.0	69	16.7	23.0	93	20.7	22.0
22	35.7	24.0	46	44.5	24.0	70	19.0	23.0	94	19.6	22.0
23	33.0	24.0	47	35.3	24.0	71	22.9	23.0	95	20.7	22.0

KENNEDY SFC 1973-76 SEASON: WINTER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =26

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	1.03	5.0	23.91	25.0	0.0	25.0	0.0	23.0
1	0.12	8.0	24.44	25.0	0.0	24.0	4.75	23.0
2	0.0	9.0	20.00	24.0	-3.45	25.0	2.30	24.0
3	2.52	11.0	20.38	24.0	-1.92	25.0	-3.85	23.0
4	-4.17	12.0	4.98	24.0	-4.44	25.0	-9.80	23.0
5	1.98	13.0	4.92	24.0	-7.69	25.0	-7.89	23.0
6	2.73	13.0	0.0	24.0	-7.67	24.0	-2.73	23.0
7	3.17	13.0	3.40	24.0	-0.91	24.0	4.52	23.0
8	0.0	13.0	4.55	25.0	1.43	24.0	1.14	23.0
9	0.0	15.0	5.56	25.0	0.85	25.0	-1.19	23.0
10	13.50	19.0	11.44	26.0	2.25	24.0	0.0	23.0
11	27.15	20.0	17.33	26.0	3.16	24.0	-2.59	22.0
12	41.07	20.0	14.59	26.0	9.70	24.0	-5.44	23.0
13	37.88	20.0	9.86	26.0	5.74	24.0	0.0	23.0
14	25.33	20.0	11.12	26.0	15.50	24.0	-2.22	23.0
15	48.57	20.0	15.04	26.0	11.64	24.0	3.00	23.0
16	26.35	21.0	7.55	26.0	8.01	24.0	2.46	23.0
17	26.50	20.0	9.11	26.0	4.87	24.0	2.97	23.0
18	31.25	22.0	7.50	25.0	4.21	24.0	-6.10	23.0
19	51.24	22.0	10.00	25.0	-3.47	24.0	-11.30	23.0
20	43.75	23.0	-2.38	25.0	0.0	24.0	-12.50	23.0
21	42.50	23.0	-5.26	25.0	0.0	24.0	-10.00	23.0
22	25.91	24.0	-5.70	25.0	-2.33	24.0	-12.50	23.0
23	19.32	24.0	-5.77	25.0	-2.17	24.0	-10.00	23.0

KENNEDY SFC 1973-76 SEASON: WINTER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	0.0	24.0	24	7.07	24.0	48	5.83	24.0	72	11.76	23.0
1	0.0	24.0	25	22.90	25.0	49	3.97	24.0	73	4.44	23.0
2	3.72	24.0	26	35.04	24.0	50	7.49	24.0	74	-2.50	23.0
3	7.24	24.0	27	31.46	25.0	51	0.0	24.0	75	-6.96	23.0
4	11.25	24.0	28	24.44	25.0	52	0.0	24.0	76	-10.00	23.0
5	13.01	24.0	29	15.56	25.0	53	0.51	24.0	77	-4.44	23.0
6	11.11	23.0	30	17.50	25.0	54	-1.70	24.0	78	-3.90	23.0
7	15.22	23.0	31	3.52	25.0	55	-3.33	24.0	79	1.37	23.0
8	1.15	23.0	32	8.40	25.0	56	-2.44	23.0	80	4.39	23.0
9	17.39	25.0	33	5.21	25.0	57	2.02	23.0	81	-7.25	23.0
10	25.92	25.0	34	5.09	25.0	58	1.00	24.0	82	-9.52	23.0
11	16.18	25.0	35	12.28	25.0	59	-3.36	24.0	83	-9.30	23.0
12	17.14	25.0	36	10.04	24.0	60	-4.08	24.0	84	-10.00	23.0
13	21.43	25.0	37	6.75	25.0	61	-3.17	24.0	85	-5.83	22.0
14	15.75	27.0	38	0.62	24.0	62	0.0	24.0	86	-5.08	22.0
15	13.73	25.0	39	0.0	24.0	63	0.0	23.0	87	-1.15	22.0
16	15.22	25.0	40	6.52	25.0	64	0.77	24.0	88	-0.33	22.0
17	18.32	25.0	41	0.0	25.0	65	5.77	24.0	89	-0.14	22.0
18	26.98	25.0	42	4.55	25.0	66	2.50	23.0	90	-2.79	22.0
19	25.40	25.0	43	5.0	25.0	67	2.00	23.0	91	-6.12	22.0
20	20.57	24.0	44	-3.13	25.0	68	0.0	23.0	92	-7.14	22.0
21	25.76	24.0	45	0.0	25.0	69	4.62	23.0	93	-4.35	22.0
22	21.22	24.0	46	5.54	24.0	70	4.35	23.0	94	-2.97	22.0
23	11.87	24.0	47	2.05	24.0	71	4.65	23.0	95	1.09	22.0

KENNEDY SFC 1973-76 SEASON: SPRING

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =15

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-5.96	4.0	16.74	13.0	-6.85	14.0	11.30	13.0
1	-7.53	4.0	5.65	13.0	-8.65	14.0	15.53	13.0
2	4.75	4.0	-3.74	13.0	-10.71	14.0	10.45	13.0
3	11.45	4.0	-2.87	13.0	-14.91	14.0	7.84	13.0
4	8.58	4.0	-11.84	13.0	-13.37	14.0	1.47	13.0
5	3.79	4.0	-13.77	13.0	-20.26	14.0	-4.22	13.0
6	-7.38	4.0	-10.78	13.0	-10.74	14.0	-1.10	13.0
7	-4.93	4.0	1.88	13.0	1.32	14.0	5.13	13.0
8	10.91	5.0	8.68	13.0	5.59	14.0	8.67	13.0
9	18.80	5.0	2.14	13.0	6.82	14.0	7.76	13.0
10	22.59	5.0	5.43	13.0	3.61	14.0	-0.51	13.0
11	22.93	7.0	7.78	13.0	4.60	14.0	0.55	13.0
12	29.51	9.0	10.76	14.0	12.00	13.0	-3.78	13.0
13	40.59	8.0	11.59	14.0	10.25	13.0	-3.74	13.0
14	63.68	9.0	5.85	14.0	12.75	13.0	-4.62	13.0
15	53.57	10.0	0.15	14.0	11.80	13.0	-4.22	13.0
16	41.73	11.0	-5.51	14.0	8.93	13.0	-2.51	13.0
17	30.22	11.0	-11.36	14.0	4.57	13.0	-1.40	13.0
18	24.49	12.0	-12.05	14.0	6.96	13.0	4.43	13.0
19	31.84	11.0	-7.14	14.0	13.79	13.0	10.45	13.0
20	38.50	12.0	-0.59	14.0	18.12	13.0	9.89	13.0
21	32.14	13.0	5.38	14.0	17.95	13.0	11.10	13.0
22	37.07	17.0	12.97	14.0	17.84	13.0	15.06	13.0
23	30.02	13.0	9.08	14.0	14.26	13.0	7.53	13.0

KENNEDY SFC 1973-76 SEASON: SPRING

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	11.3	4.0	23.2	13.0	35.1	14.0	35.2	13.0
1	4.8	4.0	20.3	13.0	39.2	14.0	38.5	13.0
2	8.8	4.0	29.6	13.0	32.8	14.0	30.5	13.0
3	18.7	4.0	24.3	13.0	26.1	14.0	32.2	13.0
4	14.7	4.0	22.5	13.0	22.5	14.0	29.5	13.0
5	17.3	4.0	16.2	13.0	25.9	14.0	26.9	13.0
6	24.3	4.0	34.6	13.0	21.3	14.0	19.7	13.0
7	18.3	4.0	33.3	13.0	22.1	14.0	17.6	13.0
8	15.3	5.0	39.3	13.0	20.2	14.0	19.5	13.0
9	17.5	5.0	34.4	13.0	27.4	14.0	19.9	13.0
10	15.4	6.0	28.3	13.0	28.1	14.0	20.9	13.0
11	26.9	7.0	31.9	13.0	31.4	14.0	19.1	13.0
12	40.2	8.0	31.2	14.0	32.2	13.0	15.1	13.0
13	45.0	8.0	37.2	14.0	32.9	13.0	17.8	13.0
14	61.5	9.0	37.3	14.0	35.1	13.0	16.6	13.0
15	51.1	10.0	38.7	14.0	37.0	13.0	14.5	13.0
16	57.0	11.0	32.0	14.0	31.3	13.0	15.4	13.0
17	59.6	11.0	34.8	14.0	26.2	13.0	19.9	13.0
18	53.9	12.0	25.9	14.0	28.4	13.0	24.8	13.0
19	50.4	11.0	33.7	14.0	30.2	13.0	29.1	13.0
20	40.8	12.0	32.5	14.0	30.2	13.0	29.8	13.0
21	43.2	13.0	35.5	14.0	35.1	13.0	36.4	13.0
22	35.2	13.0	39.2	14.0	36.2	13.0	41.5	13.0
23	26.0	13.0	37.5	14.0	33.9	13.0	31.5	13.0

KENNEDY SFC 1973-76 SEASON: SPRING

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =15

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	-0.30	14.0	24	12.03	15.0	48	9.15	13.0	72	4.37	13.0
1	2.57	14.0	25	13.69	15.0	49	5.91	13.0	73	5.75	13.0
2	10.90	14.0	26	9.64	15.0	50	7.69	13.0	74	2.10	13.0
3	23.26	14.0	27	4.15	14.0	51	10.13	13.0	75	2.40	13.0
4	31.32	14.0	28	0.54	14.0	52	16.01	13.0	76	4.22	13.0
5	40.23	14.0	29	2.55	14.0	53	18.00	13.0	77	15.21	13.0
6	47.31	14.0	30	0.34	14.0	54	13.59	13.0	78	17.35	13.0
7	31.43	14.0	31	-2.76	14.0	55	9.52	13.0	79	17.16	13.0
8	14.10	14.0	32	-5.40	14.0	56	7.07	13.0	80	11.09	13.0
9	2.69	14.0	33	-7.71	14.0	57	7.71	13.0	81	7.87	13.0
10	1.00	14.0	34	-7.23	14.0	58	10.40	13.0	82	8.09	13.0
11	12.39	14.0	35	-5.55	14.0	59	3.45	13.0	83	6.11	13.0
12	20.40	14.0	36	-6.12	14.0	60	4.47	13.0	84	0.94	13.0
13	16.30	14.0	37	-2.00	14.0	61	-0.23	13.0	85	-1.77	13.0
14	16.34	14.0	38	0.74	14.0	62	3.26	13.0	86	-3.16	13.0
15	16.32	15.0	39	6.75	14.0	63	5.13	13.0	87	-5.56	13.0
16	10.38	15.0	40	13.38	13.0	64	4.46	13.0	88	0.68	13.0
17	1.62	15.0	41	12.06	13.0	65	5.60	13.0	89	4.99	13.0
18	-0.31	15.0	42	9.41	13.0	66	3.91	13.0	90	6.31	13.0
19	-2.64	15.0	43	5.76	13.0	67	-1.05	13.0	91	11.52	13.0
20	-7.64	15.0	44	-1.70	13.0	68	-0.98	13.0	92	8.11	13.0
21	-2.74	15.0	45	0.51	13.0	69	2.11	13.0	93	5.68	13.0
22	2.17	15.0	46	5.98	13.0	70	2.74	13.0	94	10.44	13.0
23	10.77	15.0	47	9.77	13.0	71	4.33	13.0	95	5.24	13.0

KENNEDY SFC 1973-76 SEASON: SPRING

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	23.0	14.0	24	31.8	15.0	48	33.6	13.0	72	31.9	13.0
1	29.0	14.0	25	37.4	15.0	49	30.8	13.0	73	39.3	13.0
2	38.1	14.0	26	41.6	15.0	50	30.4	13.0	74	20.3	13.0
3	47.8	14.0	27	44.0	14.0	51	30.0	13.0	75	23.9	13.0
4	48.6	14.0	28	44.0	14.0	52	34.9	13.0	76	23.3	13.0
5	56.1	14.0	29	42.4	14.0	53	36.5	13.0	77	28.0	13.0
6	44.5	14.0	30	37.4	14.0	54	37.1	13.0	78	27.3	13.0
7	37.8	14.0	31	34.0	14.0	55	30.8	13.0	79	20.0	13.0
8	46.4	14.0	32	35.4	14.0	56	30.0	13.0	80	23.5	13.0
9	41.7	14.0	33	27.1	14.0	57	25.2	13.0	81	20.3	13.0
10	36.2	14.0	34	27.8	14.0	58	22.0	13.0	82	19.1	13.0
11	48.3	14.0	35	26.5	14.0	59	28.5	13.0	83	20.1	13.0
12	41.3	14.0	36	27.3	14.0	60	28.9	13.0	84	20.3	13.0
13	43.1	14.0	37	32.4	14.0	61	30.2	13.0	85	17.9	13.0
14	53.7	14.0	38	28.1	14.0	62	32.4	13.0	86	15.0	13.0
15	55.9	15.0	39	33.1	14.0	63	34.6	13.0	87	17.4	13.0
16	41.3	15.0	40	30.1	13.0	64	39.9	13.0	88	20.5	13.0
17	31.5	15.0	41	28.1	13.0	65	39.8	13.0	89	20.3	13.0
18	37.4	15.0	42	32.1	13.0	66	37.4	13.0	90	20.5	13.0
19	39.1	15.0	43	28.1	13.0	67	31.4	13.0	91	30.4	13.0
20	30.7	15.0	44	17.1	13.0	68	19.1	13.0	92	23.0	13.0
21	29.1	15.0	45	22.8	13.0	69	17.8	13.0	93	26.5	13.0
22	33.8	15.0	46	25.5	13.0	70	27.2	13.0	94	25.0	13.0
23	35.3	15.0	47	20.4	13.0	71	29.5	13.0	95	23.3	13.0

KENNEDY SFC 1973-76 SEASON: SPRING

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =15

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	0.00	4.0	11.63	13.0	-11.44	14.0	2.50	13.0
1	-1.22	4.0	0.0	13.0	-13.55	14.0	9.76	13.0
2	3.36	4.0	-6.98	13.0	-5.13	14.0	14.63	13.0
3	12.15	4.0	-2.78	13.0	-5.10	14.0	0.0	13.0
4	7.14	4.0	-13.16	13.0	-16.98	14.0	-3.70	13.0
5	-1.43	4.0	-13.10	13.0	-21.05	14.0	-7.89	13.0
6	-19.44	4.0	-15.22	13.0	-8.69	14.0	2.70	13.0
7	-8.45	4.0	-2.32	13.0	0.0	14.0	4.23	13.0
8	3.62	5.0	5.77	13.0	7.98	14.0	5.82	13.0
9	14.67	5.0	6.46	13.0	2.26	14.0	6.79	13.0
10	17.81	6.0	1.70	13.0	1.23	14.0	-4.63	12.0
11	34.33	7.0	11.36	13.0	3.38	14.0	-2.03	13.0
12	26.80	8.0	15.07	14.0	13.21	13.0	-3.77	13.0
13	37.99	8.0	13.24	14.0	11.72	13.0	-5.85	13.0
14	60.55	9.0	6.43	14.0	0.0	13.0	-6.54	13.0
15	50.06	10.0	-4.88	14.0	10.86	13.0	-4.48	13.0
16	19.85	11.0	-8.07	14.0	11.48	13.0	-1.64	13.0
17	2.78	11.0	-7.57	14.0	5.25	13.0	-9.40	13.0
18	7.81	10.0	-11.20	14.0	5.66	13.0	3.80	13.0
19	9.47	11.0	-6.27	14.0	20.43	13.0	6.92	13.0
20	24.95	12.0	-2.25	14.0	12.60	13.0	-1.52	13.0
21	24.32	13.0	0.0	14.0	7.89	13.0	-7.64	13.0
22	12.60	13.0	15.20	14.0	2.70	13.0	0.0	13.0
23	29.27	13.0	2.27	14.0	2.50	13.0	-5.00	13.0

KENNEDY SFC 1973-76 SEASON: SPRING

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-2.34	14.0	24	11.36	15.0	48	9.02	13.0	72	-2.27	13.0
1	-2.70	14.0	25	15.67	15.0	49	14.67	13.0	73	-5.25	13.0
2	7.53	14.0	26	11.36	15.0	50	12.82	13.0	74	-4.93	13.0
3	6.16	14.0	27	-4.33	14.0	51	10.06	13.0	75	-2.03	13.0
4	14.09	14.0	28	-12.41	14.0	52	10.15	13.0	76	-0.56	13.0
5	24.65	14.0	29	-2.50	14.0	53	24.58	13.0	77	0.0	13.0
6	24.33	14.0	30	0.0	14.0	54	9.34	13.0	78	9.76	13.0
7	16.63	14.0	31	-3.27	14.0	55	3.90	13.0	79	5.22	13.0
8	8.51	14.0	32	-4.73	14.0	56	11.32	13.0	80	2.33	13.0
9	-5.44	14.0	33	-4.34	14.0	57	5.15	13.0	81	2.70	13.0
10	-3.53	14.0	34	-9.02	14.0	58	2.88	13.0	82	1.47	13.0
11	3.44	14.0	35	-1.63	14.0	59	-7.61	13.0	83	0.0	13.0
12	12.63	14.0	36	-1.95	14.0	60	-3.99	13.0	84	-5.61	12.0
13	3.13	14.0	37	-0.34	14.0	61	-7.94	13.0	85	-5.71	13.0
14	-3.35	14.0	38	0.54	14.0	62	0.0	13.0	86	0.0	13.0
15	-5.03	15.0	39	-0.80	14.0	63	4.48	13.0	87	-7.89	13.0
16	-3.70	15.0	40	12.50	13.0	64	3.50	13.0	88	0.0	13.0
17	0.0	15.0	41	0.55	13.0	65	-4.23	13.0	89	1.71	13.0
18	0.0	15.0	42	5.53	13.0	66	0.0	13.0	90	-1.47	13.0
19	-12.12	15.0	43	0.0	13.0	67	0.0	13.0	91	3.83	13.0
20	-15.67	15.0	44	-6.88	13.0	68	-5.80	13.0	92	5.88	13.0
21	-7.75	15.0	45	0.0	13.0	69	5.26	13.0	93	7.25	13.0
22	2.78	15.0	46	0.0	13.0	70	-1.85	13.0	94	0.0	13.0
23	6.83	15.0	47	6.25	13.0	71	-3.26	13.0	95	0.0	13.0

KENNEDY SFC 1973-76 SEASON: EQUINOCTAL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	5.38	5.0	26.30	20.0	-8.96	21.0	7.51	19.0
1	14.08	5.0	16.29	20.0	-11.29	21.0	10.66	19.0
2	19.91	5.0	6.24	20.0	-13.62	21.0	5.81	19.0
3	18.02	5.0	6.19	20.0	-15.71	21.0	2.95	19.0
4	9.05	5.0	-17.70	20.0	-18.51	21.0	2.16	19.0
5	7.66	5.0	-17.99	20.0	-20.32	21.0	-5.37	19.0
6	-3.41	5.0	-10.70	20.0	-16.34	21.0	0.32	19.0
7	0.50	5.0	2.39	20.0	-1.45	21.0	2.84	19.0
8	18.90	8.0	5.46	20.0	2.91	21.0	5.43	19.0
9	34.08	8.0	0.98	20.0	5.69	21.0	7.34	19.0
10	26.62	9.0	5.43	20.0	7.02	21.0	6.18	19.0
11	24.70	10.0	8.86	20.0	5.95	21.0	7.49	19.0
12	30.49	12.0	9.83	21.0	8.84	19.0	4.60	19.0
13	42.74	12.0	5.07	21.0	9.76	19.0	4.09	19.0
14	46.18	15.0	-1.49	21.0	7.43	19.0	1.75	19.0
15	48.86	16.0	-5.34	21.0	6.55	19.0	1.52	19.0
16	44.50	17.0	-9.80	21.0	4.24	19.0	0.47	19.0
17	38.19	17.0	-12.43	21.0	0.34	19.0	-0.45	19.0
18	37.62	15.0	-9.13	21.0	3.65	19.0	5.74	19.0
19	46.67	17.0	3.46	21.0	11.98	19.0	8.48	19.0
20	41.78	16.0	2.52	21.0	10.78	19.0	4.45	19.0
21	39.80	20.0	6.71	21.0	11.72	19.0	5.46	19.0
22	35.49	20.0	9.22	21.0	12.29	19.0	8.30	19.0
23	32.39	20.0	1.03	21.0	10.29	19.0	2.00	19.0

KENNEDY SFC 1973-76 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	19.8	5.0	38.6	20.0	30.4	21.0	30.9	19.0
1	33.5	5.0	35.6	20.0	32.9	21.0	33.1	19.0
2	31.7	5.0	31.7	20.0	28.4	21.0	26.9	19.0
3	16.7	5.0	20.5	20.0	23.3	21.0	28.1	19.0
4	13.3	5.0	24.9	20.0	23.9	21.0	27.0	19.0
5	20.3	6.0	23.0	20.0	27.7	21.0	28.1	19.0
6	22.0	6.0	34.5	20.0	19.4	21.0	20.8	19.0
7	21.8	6.0	28.2	20.0	19.1	21.0	15.4	19.0
8	23.2	8.0	34.1	20.0	19.1	21.0	18.4	19.0
9	21.0	8.0	30.7	20.0	23.1	21.0	20.3	19.0
10	14.7	9.0	28.1	20.0	25.9	21.0	22.3	19.0
11	22.7	10.0	30.9	20.0	28.1	21.0	22.6	19.0
12	35.7	12.0	29.9	21.0	28.7	19.0	21.9	19.0
13	40.4	12.0	33.7	21.0	28.7	19.0	33.0	19.0
14	51.6	15.0	33.6	21.0	30.8	19.0	22.2	19.0
15	52.9	16.0	33.4	21.0	33.5	19.0	18.1	19.0
16	49.7	17.0	38.7	21.0	30.1	19.0	12.8	19.0
17	47.1	17.0	32.7	21.0	28.2	19.0	17.0	19.0
18	50.6	19.0	36.9	21.0	28.1	19.0	21.2	19.0
19	70.1	17.0	43.5	21.0	28.0	19.0	25.9	19.0
20	57.4	18.0	38.5	21.0	29.9	19.0	28.6	19.0
21	56.1	20.0	35.8	21.0	33.1	19.0	31.2	19.0
22	42.4	20.0	35.1	21.0	30.7	19.0	36.4	19.0
23	38.5	20.0	32.7	21.0	30.2	19.0	27.6	19.0

KENNEDY SPC 1973-76 SEASON: EQUINOCTAL

AVERAGE DST VARIATIONS ****N = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	5.71	21.0	24	8.44	22.0	48	3.35	20.0	72	5.87	19.0
1	9.93	21.0	25	8.25	22.0	49	10.14	20.0	73	8.16	19.0
2	17.35	21.0	26	4.10	20.0	50	8.55	20.0	74	5.38	19.0
3	28.92	21.0	27	0.03	21.0	51	5.14	20.0	75	5.67	19.0
4	35.27	21.0	28	-0.73	21.0	52	8.74	19.0	76	6.13	19.0
5	45.67	21.0	29	2.92	21.0	53	9.97	19.0	77	11.81	19.0
6	45.45	21.0	30	2.03	21.0	54	9.47	19.0	78	13.33	19.0
7	31.39	21.0	31	-2.06	21.0	55	4.98	19.0	79	11.34	19.0
8	14.67	21.0	32	-5.47	21.0	56	4.66	19.0	80	5.64	19.0
9	9.43	21.0	33	-5.25	21.0	57	5.00	19.0	81	4.08	19.0
10	12.55	21.0	34	-5.44	21.0	58	1.28	19.0	82	5.94	19.0
11	23.33	21.0	35	-2.48	21.0	59	1.84	19.0	83	4.67	19.0
12	30.23	21.0	36	-1.89	21.0	60	2.05	19.0	84	1.69	19.0
13	25.71	21.0	37	-1.38	21.0	61	-2.50	19.0	85	0.59	19.0
14	21.76	21.0	38	0.54	21.0	62	6.42	19.0	86	-0.50	19.0
15	19.02	22.0	39	0.69	21.0	63	7.92	19.0	87	-4.29	19.0
16	16.45	22.0	40	5.98	20.0	64	7.51	19.0	88	-0.09	19.0
17	8.16	22.0	41	3.16	20.0	65	4.46	19.0	89	2.85	19.0
18	4.17	22.0	42	0.71	20.0	66	2.09	19.0	90	5.03	19.0
19	0.22	22.0	43	-1.78	20.0	67	-1.40	19.0	91	9.29	19.0
20	-3.07	22.0	44	-5.40	20.0	68	0.62	19.0	92	8.72	19.0
21	-0.30	22.0	45	-3.11	20.0	69	4.48	19.0	93	9.11	19.0
22	3.70	22.0	46	3.86	20.0	70	5.50	19.0	94	10.43	19.0
23	8.01	22.0	47	11.79	20.0	71	6.82	19.0	95	7.02	19.0

KENNEDY SPC 1973-76 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	29.1	21.0	24	38.2	22.0	48	35.2	20.0	72	32.1	19.0
1	32.7	21.0	25	40.4	22.0	49	34.7	20.0	73	36.3	19.0
2	37.5	21.0	26	42.4	22.0	50	29.9	20.0	74	28.4	19.0
3	48.3	21.0	27	43.8	21.0	51	28.5	20.0	75	25.0	19.0
4	53.4	21.0	28	42.9	21.0	52	32.7	19.0	76	20.8	19.0
5	58.2	21.0	29	41.0	21.0	53	34.4	19.0	77	24.0	19.0
6	51.4	21.0	30	37.7	21.0	54	33.6	19.0	78	27.3	19.0
7	43.2	21.0	31	33.2	21.0	55	37.2	19.0	79	29.0	19.0
8	42.2	21.0	32	31.8	21.0	56	33.5	19.0	80	24.5	19.0
9	39.5	21.0	33	24.4	21.0	57	22.4	19.0	81	18.9	19.0
10	42.3	21.0	34	21.5	21.0	58	19.4	19.0	82	17.7	19.0
11	54.1	21.0	35	24.9	21.0	59	23.7	19.0	83	17.7	19.0
12	51.5	21.0	36	25.3	21.0	60	24.2	19.0	84	15.2	19.0
13	54.8	21.0	37	28.3	21.0	61	25.3	19.0	85	16.1	19.0
14	57.2	21.0	38	26.2	21.0	62	30.5	19.0	86	15.5	19.0
15	54.5	22.0	39	30.5	21.0	63	30.8	19.0	87	17.5	19.0
16	46.7	22.0	40	29.1	20.0	64	29.1	19.0	88	19.6	19.0
17	37.7	22.0	41	28.4	20.0	65	27.4	19.0	89	19.8	19.0
18	39.1	22.0	42	30.1	20.0	66	23.6	19.0	90	27.5	19.0
19	32.8	22.0	43	26.9	20.0	67	20.1	19.0	91	26.0	19.0
20	27.7	22.0	44	21.9	20.0	68	15.4	19.0	92	21.5	19.0
21	28.7	22.0	45	26.6	20.0	69	21.0	19.0	93	24.5	19.0
22	31.2	22.0	46	23.8	20.0	70	25.9	19.0	94	27.0	19.0
23	35.0	22.0	47	38.4	20.0	71	30.1	19.0	95	22.2	19.0

KENNEDY SFC 1973-76 SEASON: EQUINOCTAL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =22

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	2.33	5.0	13.22	20.0	-12.82	21.0	0.0	19.0
1	0.0	5.0	3.50	20.0	-12.82	21.0	7.69	19.0
2	13.16	5.0	-1.22	20.0	-8.11	21.0	0.0	19.0
3	14.29	5.0	3.44	20.0	-11.43	21.0	0.0	19.0
4	12.90	5.0	-7.02	20.0	-12.82	21.0	-2.86	19.0
5	-1.43	6.0	-7.07	20.0	-15.79	21.0	-15.15	19.0
6	-13.17	6.0	-3.13	20.0	-6.25	21.0	0.0	19.0
7	-8.45	6.0	-2.82	20.0	-3.86	21.0	1.25	19.0
8	12.50	8.0	1.33	20.0	0.0	21.0	0.0	19.0
9	25.84	8.0	6.92	20.0	0.85	21.0	4.17	19.0
10	22.45	9.0	1.77	20.0	5.59	21.0	3.76	19.0
11	29.76	10.0	7.13	20.0	6.76	21.0	2.72	19.0
12	33.83	10.0	13.23	21.0	12.70	19.0	0.0	19.0
13	37.99	12.0	-5.03	21.0	6.67	19.0	-0.63	19.0
14	51.10	15.0	-6.04	21.0	0.0	19.0	-2.67	19.0
15	43.71	16.0	-10.78	21.0	2.99	19.0	0.52	19.0
16	18.85	17.0	-10.37	21.0	3.76	19.0	0.0	19.0
17	12.26	17.0	-9.26	21.0	0.0	19.0	0.0	19.0
18	16.39	18.0	-10.48	21.0	4.55	19.0	4.31	19.0
19	10.13	17.0	-5.88	21.0	10.13	19.0	5.52	19.0
20	28.28	18.0	-2.50	21.0	1.52	19.0	-2.04	19.0
21	30.66	20.0	0.0	21.0	0.0	19.0	-3.64	19.0
22	32.50	20.0	2.86	21.0	0.0	19.0	-5.71	19.0
23	28.05	20.0	0.0	21.0	-5.71	19.0	-7.55	19.0

KENNEDY SFC 1973-76 SEASON: EQUINOCTAL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-7.25	21.0	24	6.25	22.0	48	5.95	20.0	72	-2.27	19.0
1	0.0	21.0	25	5.13	22.0	49	8.43	20.0	73	-2.56	19.0
2	10.26	21.0	26	-10.16	22.0	50	13.66	20.0	74	-1.56	19.0
3	27.34	21.0	27	-7.63	21.0	51	3.41	20.0	75	0.0	19.0
4	26.32	21.0	28	-10.53	21.0	52	2.70	19.0	76	0.0	19.0
5	29.85	21.0	29	-7.54	21.0	53	3.77	19.0	77	0.63	19.0
6	34.37	21.0	30	0.0	21.0	54	8.73	19.0	78	0.76	19.0
7	11.11	21.0	31	-2.83	21.0	55	0.85	19.0	79	4.35	19.0
8	5.57	21.0	32	-5.59	21.0	56	6.45	19.0	80	0.0	19.0
9	2.44	21.0	33	-6.25	21.0	57	4.86	19.0	81	0.0	19.0
10	2.34	21.0	34	-2.86	21.0	58	2.86	19.0	82	1.47	19.0
11	3.76	21.0	35	0.0	21.0	59	-4.52	19.0	83	0.0	19.0
12	22.50	21.0	36	0.0	21.0	60	-3.03	19.0	84	-1.25	18.0
13	12.50	21.0	37	0.0	21.0	61	-7.81	19.0	85	0.0	19.0
14	0.0	21.0	38	-2.78	21.0	62	0.0	19.0	86	0.85	19.0
15	-2.11	22.0	39	-6.25	21.0	63	5.25	19.0	87	-5.00	19.0
16	-1.25	22.0	40	-2.58	20.0	64	5.13	19.0	88	0.0	19.0
17	0.47	22.0	41	-5.97	20.0	65	-2.82	19.0	89	-0.62	19.0
18	0.0	22.0	42	-4.18	20.0	66	0.0	19.0	90	-1.47	19.0
19	-4.90	22.0	43	-2.83	20.0	67	0.0	19.0	91	3.82	19.0
20	-8.33	22.0	44	-4.81	20.0	68	-5.30	19.0	92	5.88	19.0
21	-5.56	22.0	45	0.0	20.0	69	5.06	19.0	93	3.48	19.0
22	2.78	22.0	46	0.0	20.0	70	-1.35	19.0	94	1.06	19.0
23	1.31	22.0	47	4.76	20.0	71	-3.26	19.0	95	5.03	19.0

TABLE 6

Tabulated Values For Average and Median Storm Patterns

OSAN TEC DATA

CSAN.KOREA TEC 74-76 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DAILY VARIATIONS (SD) **** = NO DATA # ANALYZED THIS RUN = 31

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	2.47	7.0	37.03	30.0	29.70	28.0	15.57	27.0
1	1.31	7.0	35.00	30.0	25.50	29.0	10.30	29.0
2	5.23	8.0	31.03	30.0	23.61	28.0	10.61	26.0
3	3.14	9.0	24.57	30.0	18.39	27.0	14.09	29.0
4	-7.90	11.0	26.89	29.0	9.73	28.0	11.90	28.0
5	-3.05	12.0	21.47	29.0	7.50	28.0	3.49	29.0
6	3.68	15.0	12.07	30.0	5.30	28.0	-3.07	28.0
7	9.60	15.0	10.86	30.0	4.70	28.0	0.71	28.0
8	12.38	14.0	15.52	29.0	7.09	29.0	2.62	23.0
9	15.24	14.0	15.51	29.0	8.11	27.0	4.95	28.0
10	17.84	20.0	11.56	30.0	6.12	28.0	5.53	27.0
11	22.13	21.0	9.85	30.0	8.14	28.0	-0.15	28.0
12	19.43	27.0	11.15	27.0	12.19	28.0	2.35	28.0
13	33.91	25.0	10.90	29.0	10.19	28.0	3.27	28.0
14	28.77	27.0	10.78	28.0	5.92	28.0	4.52	27.0
15	30.06	29.0	5.30	28.0	1.43	28.0	4.70	27.0
16	33.78	27.0	8.28	29.0	2.04	28.0	5.82	27.0
17	37.02	30.0	11.59	28.0	5.03	28.0	6.40	28.0
18	38.47	28.0	10.58	28.0	3.51	28.0	-0.05	28.0
19	31.00	29.0	9.42	28.0	4.07	28.0	-0.54	28.0
20	35.33	29.0	11.40	29.0	4.58	28.0	-0.93	26.0
21	40.34	27.0	16.83	26.0	7.75	26.0	-4.37	26.0
22	43.50	28.0	19.68	27.0	11.32	26.0	-1.15	25.0
23	42.71	28.0	25.85	28.0	12.85	27.0	-0.09	26.0

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	13.8	7.0	45.2	30.0	40.7	28.0	39.5	27.0
1	13.0	7.0	38.5	30.0	31.7	29.0	30.4	29.0
2	13.6	8.0	37.9	30.0	29.9	28.0	27.5	29.0
3	30.5	9.0	33.3	30.0	24.7	27.0	34.1	29.0
4	15.0	11.0	46.5	29.0	22.0	28.0	28.9	28.0
5	16.8	12.0	34.7	29.0	21.3	28.0	20.7	29.0
6	18.5	15.0	29.4	30.0	20.9	28.0	16.0	28.0
7	13.7	15.0	34.2	30.0	15.9	28.0	16.1	28.0
8	15.2	14.0	29.0	29.0	18.7	28.0	15.0	28.0
9	17.5	18.0	24.5	29.0	20.9	27.0	15.1	28.0
10	22.9	20.0	23.0	30.0	22.2	28.0	16.5	27.0
11	20.5	21.0	20.9	30.0	22.0	28.0	17.5	28.0
12	27.6	27.0	20.9	27.0	27.4	28.0	18.0	28.0
13	29.8	25.0	23.4	29.0	23.8	28.0	16.3	28.0
14	36.0	27.0	23.4	28.0	19.0	28.0	15.3	27.0
15	45.0	29.0	21.2	28.0	19.0	28.0	12.3	27.0
16	47.0	27.0	23.3	29.0	21.7	28.0	15.2	27.0
17	47.2	30.0	25.5	28.0	23.0	28.0	14.7	28.0
18	41.4	29.0	26.9	28.0	23.5	28.0	12.8	28.0
19	27.4	29.0	24.3	28.0	22.4	28.0	17.9	28.0
20	51.5	29.0	29.0	29.0	18.7	28.0	19.9	26.0
21	70.8	27.0	24.8	26.0	23.5	25.0	17.7	26.0
22	82.5	28.0	31.1	27.0	29.3	26.0	19.5	26.0
23	64.3	28.0	34.2	26.0	23.4	27.0	21.6	26.0

CBAN.KOREA TEC 74-76 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DST VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 31

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	1.32	30.0	24	16.44	29.0	48	12.42	26.0	72	1.74	27.0
1	5.55	30.0	25	15.35	28.0	49	17.70	27.0	73	2.07	28.0
2	7.67	30.0	26	18.72	29.0	50	18.32	28.0	74	5.24	27.0
3	10.23	31.0	27	15.74	30.0	51	17.88	27.0	75	9.00	23.0
4	16.11	31.0	28	16.80	29.0	52	11.22	28.0	76	5.40	27.0
5	24.01	31.0	29	14.09	30.0	53	7.90	28.0	77	5.73	27.0
6	25.29	31.0	30	21.63	30.0	54	11.10	28.0	78	4.32	28.0
7	26.78	31.0	31	15.33	29.0	55	15.78	28.0	79	2.48	23.0
8	25.90	29.0	32	13.06	30.0	56	11.08	28.0	80	2.09	28.0
9	27.08	31.0	33	14.30	29.0	57	3.76	27.0	81	5.79	28.0
10	35.15	31.0	34	11.24	30.0	58	7.60	28.0	82	6.34	27.0
11	42.67	30.0	35	11.43	28.0	59	10.05	28.0	83	7.78	28.0
12	41.76	30.0	36	16.00	28.0	60	12.93	28.0	84	5.55	28.0
13	32.62	30.0	37	14.79	28.0	61	12.14	28.0	85	-1.76	28.0
14	23.64	30.0	38	12.97	28.0	62	9.91	28.0	86	-3.82	28.0
15	18.81	29.0	39	8.73	27.0	63	7.86	26.0	87	-0.82	27.0
16	17.94	29.0	40	7.50	27.0	64	5.80	28.0	88	-3.38	26.0
17	23.33	28.0	41	12.38	28.0	65	7.47	27.0	89	-1.33	25.0
18	19.54	29.0	42	12.88	27.0	66	4.89	27.0	90	-2.87	25.0
19	20.37	30.0	43	13.74	28.0	67	4.54	28.0	91	0.37	25.0
20	19.13	30.0	44	12.63	28.0	68	3.49	28.0	92	-2.72	24.0
21	22.53	28.0	45	16.58	27.0	69	2.21	27.0	93	-0.59	24.0
22	23.31	29.0	46	14.21	27.0	70	1.92	27.0	94	0.39	23.0
23	20.25	29.0	47	11.54	27.0	71	0.25	27.0	95	-0.40	23.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	14.2	30.0	24	38.7	29.0	48	23.5	26.0	72	17.3	27.0
1	18.3	30.0	25	27.4	28.0	49	24.2	27.0	73	18.7	26.0
2	21.7	30.0	26	32.5	29.0	50	31.5	28.0	74	18.6	27.0
3	23.7	31.0	27	29.2	30.0	51	31.1	27.0	75	16.9	23.0
4	30.6	31.0	28	29.0	29.0	52	31.0	28.0	76	13.9	27.0
5	34.4	31.0	29	26.2	30.0	53	22.5	28.0	77	24.8	27.0
6	37.7	31.0	30	30.1	30.0	54	24.6	28.0	78	22.5	23.0
7	33.3	31.0	31	25.7	29.0	55	26.5	28.0	79	14.5	28.0
8	34.5	29.0	32	24.9	30.0	56	22.8	28.0	80	15.2	28.0
9	36.5	31.0	33	27.3	29.0	57	23.1	27.0	81	15.4	23.0
10	38.1	31.0	34	20.9	30.0	58	27.5	28.0	82	17.9	27.0
11	39.2	30.0	35	24.3	28.0	59	31.7	28.0	83	19.6	23.0
12	34.2	30.0	36	27.5	28.0	60	31.5	28.0	84	15.7	28.0
13	32.0	30.0	37	28.7	28.0	61	29.6	28.0	85	15.1	28.0
14	41.1	30.0	38	30.8	28.0	62	31.9	28.0	86	17.4	28.0
15	38.7	29.0	39	22.2	27.0	63	31.2	26.0	87	19.4	27.0
16	32.1	29.0	40	23.4	27.0	64	20.3	28.0	88	16.7	28.0
17	24.1	28.0	41	26.8	28.0	65	18.4	27.0	89	19.7	25.0
18	40.3	29.0	42	26.5	27.0	66	20.0	27.0	90	15.7	25.0
19	41.2	30.0	43	27.4	28.0	67	20.3	28.0	91	15.5	25.0
20	32.0	30.0	44	24.7	28.0	68	20.8	28.0	92	12.9	24.0
21	37.1	28.0	45	23.4	27.0	69	19.8	27.0	93	13.2	24.0
22	44.9	29.0	46	24.1	27.0	70	20.4	27.0	94	12.6	23.0
23	35.6	29.0	47	21.3	27.0	71	19.3	27.0	95	15.8	23.0

OSAN,KOREA TEC 74-76 GEOMAGNETIC STORM ANAYLSIS

MEDIAN DAILY VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 31

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	1.14	7.0	27.87	30.0	24.77	28.0	7.84	27.0
1	-4.76	7.0	27.55	30.0	21.05	29.0	8.92	28.0
2	2.24	8.0	19.21	30.0	17.90	28.0	2.15	26.0
3	4.13	8.0	22.26	30.0	17.14	27.0	5.20	28.0
4	-3.03	11.0	13.64	29.0	10.56	28.0	5.59	28.0
5	-1.16	12.0	17.19	29.0	6.74	28.0	-0.96	28.0
6	5.13	15.0	7.54	30.0	5.30	28.0	0.0	28.0
7	10.12	15.0	5.78	30.0	1.37	28.0	1.85	28.0
8	9.93	18.0	6.82	29.0	4.37	28.0	0.78	28.0
9	15.65	18.0	13.04	29.0	1.83	27.0	1.46	28.0
10	13.57	20.0	11.90	30.0	1.27	28.0	-0.47	27.0
11	21.50	21.0	14.28	30.0	4.21	28.0	0.0	28.0
12	9.19	27.0	6.40	27.0	2.37	28.0	0.0	28.0
13	15.21	26.0	1.77	29.0	6.33	28.0	0.55	28.0
14	10.83	27.0	3.88	28.0	6.44	28.0	-0.43	27.0
15	9.03	29.0	0.02	28.0	3.64	28.0	4.26	27.0
16	22.37	27.0	8.50	29.0	-2.90	28.0	1.04	27.0
17	22.29	30.0	17.13	28.0	-0.58	28.0	9.51	28.0
18	28.76	29.0	9.65	28.0	0.79	28.0	3.63	28.0
19	17.39	29.0	6.32	28.0	0.0	28.0	0.0	28.0
20	13.06	29.0	8.54	29.0	2.49	28.0	-1.82	26.0
21	28.44	27.0	11.39	25.0	3.57	25.0	-2.53	25.0
22	27.59	28.0	18.09	27.0	3.19	25.0	0.0	25.0
23	31.25	28.0	26.28	28.0	3.77	27.0	-3.25	26.0

OSAN,KOREA TEC 74-76 GEOMAGNETIC STORM ANAYLSIS

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	1.76	30.0	34	6.94	29.0	48	0.50	26.0	72	2.38	27.0
1	4.21	30.0	35	8.93	28.0	49	12.95	27.0	73	0.55	28.0
2	-1.10	30.0	36	10.81	29.0	50	14.71	28.0	74	2.47	27.0
3	3.65	31.0	37	6.65	30.0	51	6.50	27.0	75	7.03	28.0
4	8.73	31.0	38	10.32	29.0	52	0.65	28.0	76	0.0	27.0
5	17.19	31.0	39	20.23	30.0	53	2.22	28.0	77	1.04	27.0
6	16.00	31.0	40	24.10	30.0	54	5.08	28.0	78	0.0	28.0
7	20.51	31.0	41	20.10	29.0	55	13.83	28.0	79	1.16	28.0
8	14.89	29.0	42	12.90	30.0	56	8.51	28.0	80	1.92	28.0
9	19.33	31.0	43	9.84	29.0	57	2.78	27.0	81	6.76	28.0
10	17.40	31.0	44	10.44	30.0	58	6.52	28.0	82	0.0	27.0
11	19.15	30.0	45	11.39	28.0	59	5.81	28.0	83	4.35	28.0
12	17.35	30.0	46	15.79	28.0	60	5.50	28.0	84	5.48	28.0
13	11.94	30.0	47	8.84	28.0	61	3.52	28.0	85	0.0	28.0
14	12.44	30.0	48	12.53	28.0	62	1.04	28.0	86	-0.50	28.0
15	9.09	29.0	49	9.20	27.0	63	3.11	26.0	87	-1.79	27.0
16	12.50	29.0	40	0.0	27.0	64	2.33	28.0	88	-5.15	26.0
17	24.10	28.0	41	0.49	28.0	65	5.66	27.0	89	-5.71	25.0
18	4.56	29.0	42	7.06	27.0	66	-1.47	27.0	90	-2.80	25.0
19	12.76	30.0	43	1.94	28.0	67	-1.70	28.0	91	-1.30	25.0
20	11.99	30.0	44	5.45	28.0	68	-0.47	28.0	92	0.0	24.0
21	17.28	28.0	45	11.43	27.0	69	-1.72	27.0	93	0.0	24.0
22	11.97	29.0	46	10.00	27.0	70	-1.79	27.0	94	0.0	23.0
23	16.67	29.0	47	9.79	27.0	71	-3.27	27.0	95	-2.27	23.0

TABLE 7

Tabulated Values For Average and Median Storm Patterns

ATHENS TEC DATA

ATHENS TEC 1972-76 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DAILY VARIATIONS (SD) **** = NO DATA # ANALYZED THIS RUN = 63

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	12.31	25.0	26.35	52.0	1.64	56.0	4.09	49.0
1	11.17	26.0	25.35	51.0	-0.38	52.0	3.10	49.0
2	6.01	33.0	25.30	56.0	0.58	53.0	0.70	48.0
3	3.75	29.0	22.68	55.0	-3.44	53.0	-0.23	47.0
4	5.80	35.0	17.59	53.0	-3.43	49.0	-2.42	43.0
5	9.67	39.0	13.36	58.0	-2.59	50.0	-1.96	49.0
6	7.98	42.0	5.53	61.0	2.71	52.0	-2.41	49.0
7	7.29	44.0	5.52	60.0	2.43	53.0	-0.45	48.0
8	13.52	45.0	5.56	60.0	2.37	53.0	1.91	48.0
9	24.90	44.0	5.92	59.0	2.75	54.0	3.40	49.0
10	28.55	47.0	4.55	61.0	2.16	55.0	2.25	47.0
11	29.63	49.0	2.09	60.0	2.40	53.0	2.91	46.0
12	29.75	49.0	-0.28	60.0	0.92	51.0	1.58	47.0
13	30.01	50.0	3.74	59.0	0.19	52.0	-1.95	47.0
14	31.82	51.0	4.43	60.0	1.24	54.0	-0.76	48.0
15	28.29	52.0	2.13	61.0	0.53	54.0	-0.57	49.0
16	24.50	52.0	-0.12	61.0	-0.23	55.0	-2.01	47.0
17	24.31	53.0	-0.90	61.0	-1.75	55.0	-5.81	47.0
18	24.15	55.0	0.27	59.0	-3.32	55.0	-2.25	47.0
19	26.36	55.0	-1.55	57.0	-3.48	55.0	-1.76	44.0
20	25.45	56.0	-1.97	55.0	-1.90	53.0	0.79	43.0
21	24.58	54.0	-0.45	55.0	-2.04	53.0	0.27	42.0
22	25.45	56.0	0.56	54.0	0.51	50.0	0.91	43.0
23	26.78	55.0	0.48	55.0	1.45	51.0	0.46	43.0

STANDARD DEVIATIONS OF DAILY VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 63

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	37.3	25.0	42.6	52.0	25.3	56.0	29.5	49.0
1	40.3	26.0	44.1	51.0	26.3	52.0	28.6	45.0
2	33.5	33.0	46.3	55.0	30.0	53.0	31.9	48.0
3	35.9	29.0	45.6	55.0	33.0	53.0	32.5	47.0
4	49.1	35.0	40.5	53.0	38.4	49.0	32.8	48.0
5	46.3	39.0	51.8	58.0	38.2	50.0	35.7	49.0
6	56.7	42.0	33.9	61.0	37.3	52.0	29.4	49.0
7	31.8	44.0	28.0	60.0	28.5	53.0	23.4	48.0
8	37.1	45.0	28.5	60.0	29.0	53.0	21.5	48.0
9	36.0	44.0	28.1	59.0	23.3	54.0	23.3	49.0
10	35.3	47.0	26.1	61.0	24.9	55.0	23.8	47.0
11	38.7	49.0	25.1	60.0	25.8	53.0	27.7	45.0
12	43.1	49.0	25.8	60.0	21.2	51.0	27.4	47.0
13	46.2	50.0	30.5	59.0	18.9	52.0	23.3	47.0
14	52.0	51.0	34.6	60.0	21.2	54.0	20.4	48.0
15	36.9	52.0	33.1	61.0	19.7	54.0	17.6	49.0
16	38.0	52.0	25.3	61.0	18.9	55.0	17.7	47.0
17	36.4	53.0	24.9	61.0	23.0	55.0	19.1	47.0
18	41.4	55.0	30.0	58.0	22.7	55.0	23.5	47.0
19	47.2	55.0	30.0	57.0	20.6	55.0	23.4	44.0
20	53.0	56.0	25.1	55.0	20.1	53.0	27.4	43.0
21	48.3	54.0	24.6	55.0	21.8	53.0	30.9	42.0
22	48.3	56.0	23.4	54.0	25.9	50.0	30.3	43.0
23	44.0	55.0	24.7	55.0	27.3	51.0	28.4	43.0

ATHENS TEC 1972-78 GEOMAGNETIC STORM ANAYLSIS

AVERAGE DST VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 63

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	0.38	54.0	24	16.41	56.0	48	-2.02	54.0	72	-4.21	50.0
1	-3.05	56.0	25	18.35	56.0	49	-2.53	56.0	73	-4.63	51.0
2	-3.01	59.0	26	15.35	57.0	50	-2.78	55.0	74	-7.13	49.0
3	0.91	61.0	27	12.03	56.0	51	-2.38	55.0	75	-5.52	45.0
4	5.64	63.0	28	10.91	58.0	52	-0.41	55.0	76	-3.56	48.0
5	12.56	62.0	29	16.03	59.0	53	-0.74	55.0	77	-1.55	48.0
6	16.52	60.0	30	16.64	59.0	54	0.96	53.0	78	-3.19	44.0
7	11.24	62.0	31	18.51	58.0	55	-3.18	53.0	79	-1.83	46.0
8	9.43	59.0	32	13.84	58.0	56	-1.41	54.0	80	-2.33	46.0
9	11.07	58.0	33	13.46	57.0	57	-2.75	53.0	81	-4.29	45.0
10	17.75	57.0	34	11.46	57.0	58	-2.06	51.0	82	-3.74	46.0
11	29.17	58.0	35	13.30	54.0	59	0.57	48.0	83	-1.23	48.0
12	37.76	61.0	36	17.52	54.0	60	5.93	47.0	84	-2.80	48.0
13	27.57	61.0	37	12.47	55.0	61	6.48	49.0	85	-0.33	45.0
14	18.22	57.0	38	5.84	56.0	62	2.31	51.0	86	1.74	45.0
15	18.65	60.0	39	2.79	54.0	63	4.78	51.0	87	-0.58	47.0
16	18.70	60.0	40	2.42	53.0	64	4.18	49.0	88	1.61	46.0
17	22.75	61.0	41	3.68	55.0	65	3.80	51.0	89	-0.15	45.0
18	19.67	61.0	42	0.89	55.0	66	4.53	50.0	90	-1.36	47.0
19	18.43	61.0	43	3.77	55.0	67	3.03	49.0	91	-1.43	44.0
20	13.46	59.0	44	1.80	54.0	68	5.40	47.0	92	3.63	44.0
21	12.37	59.0	45	-0.66	55.0	69	1.10	48.0	93	-0.51	45.0
22	17.71	60.0	46	-3.74	56.0	70	-4.74	50.0	94	-0.27	45.0
23	16.33	59.0	47	-4.81	57.0	71	-3.26	50.0	95	-0.29	46.0

STANDARD DEVIATIONS OF STORMTIME VARIATIONS **** = NO DATA # ANALYZED THIS RUN = 63

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	35.0	54.0	24	43.9	56.0	48	22.8	54.0	72	23.2	50.0
1	31.1	56.0	25	40.9	56.0	49	21.6	56.0	73	22.7	51.0
2	26.0	59.0	26	35.4	57.0	50	21.1	56.0	74	22.5	49.0
3	25.6	61.0	27	36.1	56.0	51	23.7	55.0	75	19.8	48.0
4	28.4	63.0	28	36.3	58.0	52	24.1	55.0	76	19.6	48.0
5	38.8	62.0	29	37.4	59.0	53	20.6	55.0	77	21.9	48.0
6	40.9	60.0	30	39.1	59.0	54	20.5	53.0	78	26.1	44.0
7	32.8	62.0	31	43.2	58.0	55	21.7	53.0	79	31.4	46.0
8	35.3	59.0	32	38.9	58.0	56	21.7	54.0	80	29.5	46.0
9	30.6	58.0	33	36.8	57.0	57	23.4	53.0	81	26.4	45.0
10	39.4	57.0	34	32.9	57.0	58	26.2	51.0	82	26.5	46.0
11	49.8	58.0	35	38.4	54.0	59	33.5	48.0	83	28.8	48.0
12	60.9	61.0	36	51.2	54.0	60	46.8	47.0	84	31.0	48.0
13	45.9	61.0	37	41.6	55.0	61	41.1	49.0	85	27.7	45.0
14	43.3	57.0	38	25.7	56.0	62	36.6	51.0	86	26.6	45.0
15	44.8	60.0	39	24.2	54.0	63	33.3	51.0	87	24.0	47.0
16	44.4	60.0	40	29.2	53.0	64	29.6	49.0	88	25.0	45.0
17	51.5	61.0	41	28.8	55.0	65	29.2	51.0	89	25.8	45.0
18	33.9	61.0	42	31.1	55.0	66	27.6	50.0	90	28.6	47.0
19	31.1	61.0	43	32.8	55.0	67	28.5	49.0	91	29.2	44.0
20	35.8	59.0	44	32.5	54.0	68	25.9	47.0	92	27.3	44.0
21	37.1	59.0	45	32.1	55.0	69	26.0	48.0	93	28.0	45.0
22	46.4	60.0	46	27.4	56.0	70	24.4	50.0	94	32.4	45.0
23	46.9	56.0	47	22.7	57.0	71	25.3	50.0	95	30.2	46.0

ATHENS TEC 1972-76 GEOMAGNETIC STORM ANAYLSIS

MEDIAN DAILY VARIATIONS **** = NO DATA * ANALYZED THIS RUN = 63

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	3.57	26.0	15.09	52.0	0.0	56.0	-2.78	49.0
1	1.85	26.0	14.00	51.0	0.0	52.0	0.91	46.0
2	0.0	33.0	12.13	55.0	0.0	53.0	-2.52	48.0
3	0.0	29.0	10.51	55.0	-7.27	53.0	0.0	47.0
4	-3.45	35.0	7.54	53.0	-4.17	49.0	-7.18	48.0
5	0.0	39.0	0.0	58.0	-3.40	50.0	-10.20	49.0
6	0.0	42.0	0.0	61.0	-2.24	52.0	-7.14	49.0
7	0.0	44.0	0.0	60.0	-1.23	53.0	-5.59	48.0
8	4.46	45.0	1.17	60.0	0.0	53.0	-0.43	48.0
9	16.99	44.0	4.49	59.0	0.0	54.0	0.0	49.0
10	19.30	47.0	0.76	61.0	-1.32	55.0	-0.55	47.0
11	19.23	49.0	-1.86	60.0	-2.07	53.0	-2.52	46.0
12	14.78	49.0	-2.76	60.0	-2.40	51.0	-3.47	47.0
13	9.62	50.0	4.32	59.0	-0.80	52.0	-4.52	47.0
14	14.97	51.0	0.0	60.0	-3.70	54.0	-1.01	48.0
15	17.86	52.0	1.32	61.0	-0.65	54.0	-1.85	48.0
16	16.79	52.0	-1.10	61.0	0.0	55.0	-2.84	47.0
17	15.25	53.0	-1.26	61.0	0.0	56.0	-7.10	47.0
18	18.12	55.0	-1.55	58.0	-3.52	55.0	-2.29	47.0
19	12.03	55.0	-6.82	57.0	-3.03	55.0	-2.78	44.0
20	8.71	56.0	-4.00	56.0	0.0	53.0	-2.70	43.0
21	11.53	54.0	-1.67	55.0	-2.34	53.0	-4.33	42.0
22	13.01	56.0	0.0	54.0	-3.96	50.0	-2.38	43.0
23	20.00	55.0	-1.82	55.0	-4.48	51.0	-1.67	43.0

ATHENS TEC 1972-76 GEOMAGNETIC STORM ANAYLSIS

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-0.80	54.0	24	3.80	56.0	48	-2.69	54.0	72	-4.49	50.0
1	-4.09	56.0	25	9.29	56.0	49	0.0	56.0	73	-5.88	51.0
2	-3.53	59.0	26	7.14	57.0	50	-1.50	56.0	74	-8.27	49.0
3	0.0	61.0	27	4.68	56.0	51	-1.23	55.0	75	-6.50	48.0
4	1.82	63.0	28	3.21	58.0	52	-1.79	55.0	76	0.0	48.0
5	4.81	62.0	29	10.53	59.0	53	-0.88	55.0	77	-1.61	48.0
6	7.48	60.0	30	10.00	59.0	54	0.0	53.0	78	-2.61	44.0
7	5.18	62.0	31	7.30	58.0	55	0.0	53.0	79	-7.37	46.0
8	0.0	59.0	32	7.92	58.0	56	-1.52	54.0	80	-9.55	45.0
9	2.09	58.0	33	4.00	57.0	57	-4.25	53.0	81	-7.06	45.0
10	8.98	57.0	34	4.69	57.0	58	-2.70	51.0	82	-6.87	45.0
11	9.19	58.0	35	3.16	54.0	59	-7.17	48.0	83	-5.18	48.0
12	23.21	61.0	36	1.50	54.0	60	-5.41	47.0	84	-7.86	48.0
13	16.30	61.0	37	0.0	55.0	61	0.0	49.0	85	-3.33	45.0
14	8.77	57.0	38	0.0	56.0	62	-3.37	51.0	86	-4.75	45.0
15	9.29	60.0	39	-0.53	54.0	63	0.0	51.0	87	-3.57	47.0
16	9.35	60.0	40	-3.57	53.0	64	-1.57	49.0	88	-2.29	45.0
17	11.11	61.0	41	0.0	55.0	65	0.0	51.0	89	0.0	45.0
18	13.73	61.0	42	-1.96	55.0	66	0.0	50.0	90	0.0	47.0
19	16.28	61.0	43	0.60	55.0	67	0.0	49.0	91	-2.56	44.0
20	6.98	59.0	44	-0.63	54.0	68	1.32	47.0	92	-1.14	44.0
21	3.85	59.0	45	-4.32	55.0	69	0.0	48.0	93	-5.36	45.0
22	7.02	60.0	46	-3.25	56.0	70	-5.65	50.0	94	-4.76	45.0
23	8.55	56.0	47	0.0	57.0	71	-5.38	50.0	95	-3.78	45.0

ATHENS TEC 1972-76 SEASON: SUMMER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =20

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	21.09	8.0	26.92	15.0	-3.61	19.0	12.33	17.0
1	25.11	8.0	27.33	16.0	-4.50	19.0	8.65	17.0
2	-0.30	11.0	32.77	18.0	-7.44	19.0	-1.72	18.0
3	-0.47	10.0	34.56	18.0	-12.10	20.0	-0.87	17.0
4	6.45	14.0	14.32	18.0	-13.59	17.0	-6.10	17.0
5	3.22	14.0	-2.32	18.0	-13.87	18.0	-3.93	18.0
6	-6.77	14.0	-0.27	19.0	-4.77	19.0	-5.25	18.0
7	-2.07	15.0	-3.19	19.0	-2.35	19.0	-5.34	17.0
8	4.41	15.0	-1.87	19.0	-0.11	18.0	-0.20	17.0
9	15.43	15.0	6.01	18.0	0.01	18.0	5.77	17.0
10	18.66	15.0	4.94	19.0	0.06	18.0	5.52	16.0
11	18.37	15.0	7.57	19.0	3.83	18.0	6.53	16.0
12	22.88	14.0	3.14	18.0	5.67	18.0	4.35	16.0
13	26.95	15.0	0.55	18.0	6.90	19.0	-5.48	16.0
14	35.91	15.0	-1.70	18.0	7.52	19.0	-3.75	16.0
15	33.53	15.0	-5.59	19.0	5.87	19.0	-0.32	17.0
16	27.25	16.0	-8.66	19.0	4.59	19.0	0.52	16.0
17	17.39	17.0	-10.96	19.0	0.19	19.0	-2.52	16.0
18	6.45	17.0	-11.06	19.0	1.30	19.0	2.45	16.0
19	-0.96	17.0	-12.37	19.0	0.39	19.0	2.57	16.0
20	-3.93	17.0	-14.84	19.0	0.23	18.0	1.13	16.0
21	2.05	17.0	-11.02	19.0	0.57	18.0	-4.03	16.0
22	14.67	17.0	-8.10	19.0	6.05	17.0	-1.79	16.0
23	21.39	17.0	-7.33	19.0	9.31	17.0	0.74	16.0

ATHENS TEC 1972-76 SEASON: SUMMER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	53.5	8.0	32.5	15.0	25.9	19.0	35.3	17.0
1	54.0	8.0	28.9	16.0	26.9	19.0	35.9	17.0
2	47.5	11.0	40.0	18.0	25.7	19.0	34.8	18.0
3	44.8	10.0	50.7	18.0	25.7	20.0	33.2	17.0
4	52.7	14.0	41.3	18.0	33.6	17.0	30.4	17.0
5	43.2	14.0	34.6	18.0	24.5	18.0	32.3	18.0
6	14.2	14.0	18.3	19.0	13.7	19.0	28.1	18.0
7	18.5	15.0	22.8	19.0	14.0	19.0	24.4	17.0
8	17.8	15.0	26.4	19.0	15.0	18.0	22.7	17.0
9	19.5	15.0	32.4	18.0	14.5	18.0	28.3	17.0
10	19.3	15.0	30.5	19.0	12.8	18.0	30.9	16.0
11	19.6	15.0	27.5	19.0	14.0	18.0	37.5	16.0
12	20.7	14.0	28.4	18.0	15.5	18.0	38.0	16.0
13	24.7	15.0	27.2	18.0	19.1	19.0	28.9	16.0
14	28.4	15.0	26.5	18.0	22.1	19.0	27.6	16.0
15	25.9	15.0	28.1	19.0	21.0	19.0	24.5	17.0
16	21.6	16.0	25.0	19.0	20.8	19.0	22.9	16.0
17	18.2	17.0	27.4	19.0	21.6	19.0	23.4	16.0
18	17.6	17.0	22.3	19.0	17.4	19.0	24.4	16.0
19	19.3	17.0	22.7	19.0	17.7	19.0	28.1	16.0
20	19.6	17.0	19.9	19.0	18.2	18.0	32.8	16.0
21	27.7	17.0	18.3	19.0	22.7	18.0	34.0	16.0
22	40.1	17.0	19.0	19.0	27.4	17.0	35.6	16.0
23	37.1	17.0	24.4	19.0	33.0	17.0	35.5	16.0

ATHENS TEC 1972-76 SEASON: SUMMER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =20

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	5.92	18.0	24	8.45	18.0	48	-4.79	19.0	72	-6.24	17.0
1	-2.24	18.0	25	10.79	18.0	49	-2.47	19.0	73	-4.33	17.0
2	-7.30	20.0	26	7.08	19.0	50	-0.52	19.0	74	-6.71	17.0
3	-4.88	20.0	27	-3.84	18.0	51	-3.37	18.0	75	-7.39	17.0
4	-1.95	20.0	28	3.78	19.0	52	-3.26	18.0	76	-3.48	17.0
5	0.95	20.0	29	0.10	19.0	53	-0.63	18.0	77	-1.91	17.0
6	7.35	19.0	30	2.14	19.0	54	1.72	16.0	78	-1.56	15.0
7	9.84	19.0	31	6.83	19.0	55	-3.92	17.0	79	0.90	16.0
8	6.33	19.0	32	5.95	18.0	56	1.09	17.0	80	1.92	16.0
9	14.64	19.0	33	9.09	19.0	57	0.52	17.0	81	-5.56	15.0
10	18.50	19.0	34	6.02	18.0	58	0.27	16.0	82	-4.37	16.0
11	20.65	19.0	35	4.80	16.0	59	-0.91	16.0	83	-1.92	17.0
12	27.36	19.0	36	2.26	18.0	60	-1.20	16.0	84	-7.99	17.0
13	15.65	19.0	37	3.01	18.0	61	-2.75	16.0	85	-1.46	17.0
14	4.37	19.0	38	-0.51	19.0	62	-7.50	17.0	86	2.57	15.0
15	4.00	19.0	39	-2.87	19.0	63	-1.16	18.0	87	0.82	16.0
16	4.41	19.0	40	-8.52	18.0	64	-0.10	18.0	88	-0.19	16.0
17	6.92	20.0	41	-5.78	19.0	65	3.90	18.0	89	-3.52	16.0
18	10.56	20.0	42	-4.29	19.0	66	5.05	18.0	90	-0.89	16.0
19	13.93	20.0	43	-3.02	19.0	67	6.66	18.0	91	1.84	16.0
20	10.70	18.0	44	-2.81	18.0	68	11.74	16.0	92	2.73	15.0
21	4.04	19.0	45	-4.16	19.0	69	10.05	16.0	93	2.14	15.0
22	10.01	20.0	46	-6.47	19.0	70	0.32	17.0	94	5.69	15.0
23	13.64	17.0	47	-2.63	19.0	71	-0.33	17.0	95	0.62	17.0

ATHENS TEC 1972-76 SEASON: SUMMER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	52.6	18.0	24	49.0	18.0	48	24.9	19.0	72	31.1	17.0
1	44.4	18.0	25	52.0	18.0	49	25.3	19.0	73	33.2	17.0
2	25.0	20.0	26	36.4	19.0	50	24.3	19.0	74	31.0	17.0
3	27.0	20.0	27	25.5	18.0	51	25.4	18.0	75	24.7	17.0
4	21.3	20.0	28	23.9	19.0	52	13.0	18.0	76	27.1	17.0
5	30.8	20.0	29	23.1	19.0	53	18.1	18.0	77	31.3	17.0
6	36.2	19.0	30	28.5	19.0	54	18.2	16.0	78	38.0	15.0
7	37.6	19.0	31	34.1	19.0	55	18.6	17.0	79	40.6	16.0
8	40.0	19.0	32	30.8	18.0	56	21.8	17.0	80	38.9	16.0
9	31.3	19.0	33	32.9	19.0	57	22.4	17.0	81	29.5	15.0
10	35.2	19.0	34	28.3	18.0	58	24.5	16.0	82	29.1	16.0
11	44.9	19.0	35	26.4	16.0	59	23.7	16.0	83	28.7	17.0
12	41.7	19.0	36	32.1	16.0	60	21.8	16.0	84	27.3	17.0
13	37.5	19.0	37	22.1	18.0	61	18.4	16.0	85	20.9	17.0
14	30.0	18.0	38	19.9	19.0	62	20.1	17.0	86	20.0	15.0
15	30.4	19.0	39	17.9	19.0	63	19.9	18.0	87	22.1	16.0
16	34.8	19.0	40	17.9	18.0	64	21.7	18.0	88	23.1	16.0
17	32.2	20.0	41	22.0	19.0	65	24.8	18.0	89	31.1	16.0
18	27.5	20.0	42	29.2	19.0	66	24.1	18.0	90	37.6	16.0
19	33.3	20.0	43	32.4	19.0	67	28.8	18.0	91	38.8	16.0
20	36.4	18.0	44	29.3	18.0	68	31.7	16.0	92	32.8	15.0
21	26.6	19.0	45	25.7	18.0	69	33.6	16.0	93	34.5	15.0
22	46.1	20.0	46	22.9	19.0	70	31.2	17.0	94	40.3	15.0
23	48.1	17.0	47	21.1	19.0	71	32.7	17.0	95	40.6	17.0

ATHENS TEC 1972-76 SEASON: SUMMER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =20

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	16.04	8.0	39.62	15.0	-3.33	19.0	0.0	17.0
1	13.26	8.0	21.16	16.0	0.0	19.0	4.48	17.0
2	0.0	11.0	19.13	18.0	-3.39	19.0	-4.00	19.0
3	2.74	10.0	19.29	18.0	-9.67	20.0	0.0	17.0
4	2.03	14.0	15.28	18.0	-13.04	17.0	-4.69	17.0
5	6.10	14.0	-3.12	18.0	-8.71	18.0	-5.17	18.0
6	-5.43	14.0	0.0	19.0	-2.82	19.0	-8.99	18.0
7	0.0	15.0	-5.65	19.0	-4.61	19.0	-7.75	17.0
8	3.10	15.0	-6.19	19.0	0.0	18.0	-0.67	17.0
9	14.13	15.0	4.93	18.0	0.42	18.0	2.92	17.0
10	11.64	15.0	0.76	19.0	1.09	18.0	0.0	15.0
11	17.26	15.0	1.81	19.0	1.73	18.0	-1.79	15.0
12	19.17	14.0	-3.53	18.0	2.65	18.0	-3.06	16.0
13	19.29	15.0	-2.99	18.0	11.64	19.0	-9.04	15.0
14	34.32	15.0	-4.82	18.0	1.82	19.0	-9.95	16.0
15	35.71	15.0	-14.94	19.0	1.30	19.0	5.73	17.0
16	24.84	16.0	-11.35	19.0	3.17	19.0	1.32	16.0
17	17.57	17.0	-11.89	19.0	1.22	19.0	-0.91	16.0
18	10.96	17.0	-13.53	19.0	-0.72	19.0	2.48	16.0
19	0.72	17.0	-13.04	19.0	2.75	19.0	-1.74	16.0
20	-0.81	17.0	-10.83	19.0	4.29	18.0	-4.76	16.0
21	0.0	17.0	-3.87	19.0	0.0	18.0	-6.01	16.0
22	10.82	17.0	-1.69	19.0	6.54	17.0	-11.58	16.0
23	23.86	17.0	-5.88	19.0	1.94	17.0	-5.55	16.0

ATHENS TEC 1972-76 SEASON: SUMMER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-1.67	18.0	24	13.56	18.0	48	-3.57	19.0	72	-4.63	17.0
1	2.48	18.0	25	5.40	18.0	49	0.0	19.0	73	-5.94	17.0
2	-3.19	20.0	26	1.32	19.0	50	0.0	19.0	74	-8.27	17.0
3	-10.87	20.0	27	-7.01	19.0	51	-1.93	18.0	75	-11.11	17.0
4	-3.70	20.0	28	1.79	19.0	52	-4.66	18.0	76	-5.56	17.0
5	4.81	20.0	29	-6.25	19.0	53	-1.46	18.0	77	0.0	17.0
6	7.14	19.0	30	-3.67	19.0	54	3.05	16.0	78	-12.35	15.0
7	2.25	19.0	31	-3.03	19.0	55	-1.61	17.0	79	-2.89	16.0
8	0.0	19.0	32	9.90	18.0	56	0.0	17.0	80	-8.39	16.0
9	5.48	19.0	33	0.0	19.0	57	-3.49	17.0	81	-12.07	15.0
10	10.17	19.0	34	5.60	18.0	58	-1.35	16.0	82	-3.91	15.0
11	25.21	19.0	35	4.37	16.0	59	-2.54	16.0	83	-6.96	17.0
12	28.45	19.0	36	-1.32	16.0	60	0.0	16.0	84	-6.85	17.0
13	17.32	19.0	37	-1.18	18.0	61	-2.61	16.0	85	-1.57	17.0
14	7.24	18.0	38	-3.14	19.0	62	-0.75	17.0	86	-3.77	15.0
15	8.75	19.0	39	-5.94	19.0	63	0.0	18.0	87	-1.84	16.0
16	7.78	19.0	40	-7.63	18.0	64	-2.33	19.0	88	-6.69	16.0
17	1.42	20.0	41	-11.21	19.0	65	1.24	18.0	89	-9.68	16.0
18	10.73	20.0	42	-7.85	19.0	66	1.48	18.0	90	-3.13	16.0
19	14.76	20.0	43	0.60	19.0	67	0.0	19.0	91	1.46	16.0
20	13.05	18.0	44	-1.48	18.0	68	4.29	16.0	92	-2.84	15.0
21	7.14	19.0	45	-5.62	18.0	69	0.0	16.0	93	0.0	15.0
22	7.52	20.0	46	-3.33	19.0	70	-3.62	17.0	94	-2.29	15.0
23	13.21	17.0	47	0.0	19.0	71	-3.97	17.0	95	-5.16	17.0

ATHENS TEC 1972-76 SEASON: FALL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =17

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-0.71	4.0	42.80	15.0	15.48	12.0	-6.26	12.0
1	-3.44	4.0	47.69	13.0	14.03	10.0	-2.67	10.0
2	7.42	6.0	43.90	16.0	19.00	11.0	-1.54	11.0
3	13.54	6.0	40.25	15.0	19.48	11.0	-0.64	11.0
4	20.48	6.0	45.43	13.0	18.34	11.0	2.44	12.0
5	24.50	7.0	56.25	15.0	11.27	10.0	-5.39	12.0
6	3.24	10.0	13.02	17.0	2.11	11.0	-9.49	13.0
7	7.20	10.0	15.49	16.0	3.53	11.0	0.59	17.0
8	10.66	11.0	15.69	16.0	-1.90	13.0	4.61	13.0
9	19.10	12.0	8.07	16.0	-2.49	14.0	2.88	13.0
10	31.12	12.0	3.04	16.0	-3.88	14.0	-2.27	12.0
11	40.81	13.0	-0.86	15.0	-4.76	13.0	-0.08	12.0
12	42.07	13.0	-0.43	16.0	-4.06	12.0	-0.86	13.0
13	33.56	13.0	6.82	15.0	-4.78	13.0	-2.27	13.0
14	21.02	14.0	7.55	16.0	-4.69	13.0	-0.46	13.0
15	17.23	14.0	6.04	16.0	-7.50	13.0	-2.60	13.0
16	19.46	13.0	4.49	16.0	-4.09	13.0	-5.30	12.0
17	29.81	13.0	3.47	16.0	-7.30	13.0	-13.27	12.0
18	45.22	15.0	5.33	14.0	-11.80	13.0	-13.36	12.0
19	58.38	16.0	8.21	14.0	-7.53	13.0	-7.74	11.0
20	61.21	16.0	14.31	12.0	-0.90	13.0	-9.03	11.0
21	44.51	16.0	13.50	12.0	-3.78	13.0	-7.53	11.0
22	37.74	17.0	13.51	12.0	-7.58	12.0	-7.57	11.0
23	40.16	17.0	18.24	12.0	-5.11	12.0	-6.74	11.0

ATHENS TEC 1972-76 SEASON: FALL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	25.6	4.0	55.9	15.0	23.0	12.0	21.2	12.0
1	25.6	4.0	59.2	17.0	21.2	10.0	21.2	10.0
2	73.8	6.0	48.4	16.0	28.8	11.0	29.6	11.0
3	47.3	6.0	43.2	15.0	42.4	11.0	39.5	11.0
4	62.7	6.0	46.0	13.0	52.6	11.0	48.2	12.0
5	82.4	7.0	66.2	16.0	55.1	10.0	52.9	12.0
6	30.5	10.0	34.3	17.0	33.1	11.0	27.3	13.0
7	31.2	10.0	30.4	16.0	23.4	11.0	25.5	13.0
8	37.1	11.0	30.7	16.0	19.9	13.0	23.6	13.0
9	32.7	12.0	25.6	16.0	23.8	14.0	21.8	13.0
10	48.4	12.0	21.2	16.0	24.4	14.0	18.6	12.0
11	52.8	13.0	22.1	15.0	27.3	13.0	18.7	12.0
12	57.7	13.0	28.1	16.0	27.3	12.0	20.2	13.0
13	55.7	13.0	38.4	15.0	22.4	13.0	20.1	13.0
14	35.1	14.0	38.8	16.0	22.1	13.0	17.8	13.0
15	26.9	14.0	31.5	16.0	18.4	13.0	13.5	13.0
16	31.9	13.0	19.0	16.0	23.2	13.0	17.6	12.0
17	40.6	13.0	27.3	16.0	30.6	13.0	21.7	12.0
18	55.4	15.0	43.3	14.0	32.9	13.0	25.8	12.0
19	65.3	16.0	44.2	14.0	29.0	13.0	27.4	11.0
20	68.7	16.0	27.2	13.0	25.3	13.0	10.3	11.0
21	42.0	16.0	30.3	12.0	21.7	13.0	14.4	11.0
22	46.8	17.0	23.1	12.0	22.9	12.0	17.7	11.0
23	49.6	17.0	23.4	12.0	21.6	12.0	18.0	11.0

ATHENS TEC 1972-76 SEASON: FALL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =17

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	-1.44	16.0	24	24.73	15.0	48	6.09	13.0	72	-2.63	12.0
1	-3.18	17.0	25	19.72	15.0	49	0.93	14.0	73	-6.16	12.0
2	-0.81	17.0	26	20.13	15.0	50	-0.65	14.0	74	-1.72	11.0
3	7.78	17.0	27	23.26	15.0	51	-2.07	13.0	75	-1.63	11.0
4	14.95	17.0	28	36.03	15.0	52	1.93	13.0	76	-6.20	11.0
5	30.04	17.0	29	35.10	16.0	53	2.03	13.0	77	-1.50	11.0
6	31.27	17.0	30	31.84	16.0	54	3.11	14.0	78	-7.66	11.0
7	17.56	17.0	31	32.03	16.0	55	-4.37	14.0	79	-9.28	11.0
8	8.51	16.0	32	24.02	16.0	56	-9.85	14.0	80	-9.20	11.0
9	5.07	16.0	33	23.74	15.0	57	-9.71	13.0	81	-8.82	11.0
10	21.81	16.0	34	19.31	16.0	58	-6.24	14.0	82	-8.32	11.0
11	36.97	16.0	35	27.83	14.0	59	1.84	12.0	83	-6.34	11.0
12	51.91	17.0	36	39.88	14.0	60	11.07	13.0	84	-9.76	11.0
13	54.19	17.0	37	33.83	14.0	61	15.22	13.0	85	-9.76	10.0
14	35.64	16.0	38	11.78	13.0	62	8.65	13.0	86	-7.25	12.0
15	38.72	17.0	39	14.69	12.0	63	8.70	13.0	87	-7.08	12.0
16	31.54	17.0	40	17.77	13.0	64	-2.42	12.0	88	-0.83	11.0
17	29.71	17.0	41	15.56	12.0	65	-4.38	12.0	89	-1.42	10.0
18	30.29	16.0	42	10.61	12.0	66	-3.60	12.0	90	-12.25	12.0
19	28.23	16.0	43	11.60	13.0	67	-7.20	12.0	91	-12.31	11.0
20	21.89	15.0	44	5.53	13.0	68	-8.73	10.0	92	-1.46	11.0
21	27.94	15.0	45	4.01	13.0	69	-12.99	12.0	93	-10.18	12.0
22	25.21	16.0	46	3.11	13.0	70	-11.30	12.0	94	-15.01	12.0
23	19.65	15.0	47	0.00	14.0	71	-4.79	12.0	95	-8.40	11.0

ATHENS TEC 1972-76 SEASON: FALL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	25.1	16.0	24	51.1	15.0	48	26.8	13.0	72	25.6	12.0
1	25.5	17.0	25	40.7	15.0	49	18.3	14.0	73	17.4	12.0
2	24.6	17.0	26	39.0	15.0	50	19.7	14.0	74	20.8	11.0
3	33.9	17.0	27	38.7	15.0	51	21.6	13.0	75	22.3	11.0
4	44.0	17.0	28	43.3	15.0	52	30.8	13.0	76	13.9	11.0
5	58.4	17.0	29	51.2	16.0	53	27.1	13.0	77	16.6	11.0
6	59.4	17.0	30	48.7	16.0	54	27.4	14.0	78	15.4	11.0
7	34.5	17.0	31	39.5	16.0	55	29.9	14.0	79	24.3	11.0
8	28.8	16.0	32	31.9	16.0	56	17.1	14.0	80	13.6	11.0
9	21.6	16.0	33	35.6	15.0	57	19.7	13.0	81	15.8	11.0
10	43.9	16.0	34	40.0	16.0	58	29.7	14.0	82	21.2	11.0
11	62.9	16.0	35	52.2	14.0	59	47.5	12.0	83	21.6	11.0
12	58.4	17.0	36	70.0	14.0	60	55.9	13.0	84	17.7	11.0
13	53.2	17.0	37	64.1	14.0	61	53.8	13.0	85	16.9	10.0
14	44.6	16.0	38	30.0	13.0	62	46.7	13.0	86	21.2	12.0
15	51.0	17.0	39	32.6	12.0	63	43.2	13.0	87	18.8	12.0
16	38.3	17.0	40	36.2	13.0	64	25.9	12.0	88	22.5	11.0
17	33.3	17.0	41	35.0	12.0	65	29.4	12.0	89	20.0	10.0
18	29.2	16.0	42	40.0	12.0	66	26.9	12.0	90	22.3	12.0
19	32.8	16.0	43	28.7	13.0	67	24.4	12.0	91	21.7	11.0
20	47.0	15.0	44	17.6	13.0	68	21.2	10.0	92	24.4	11.0
21	50.1	15.0	45	23.6	13.0	69	24.0	12.0	93	24.3	12.0
22	52.1	16.0	46	31.0	13.0	70	28.0	12.0	94	24.1	12.0
23	61.2	15.0	47	29.3	14.0	71	31.0	12.0	95	18.8	11.0

ATHENS TEC 1972-76 SEASON: FALL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =17

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	-4.12	4.0	34.15	15.0	13.88	12.0	-5.43	12.0
1	-9.81	4.0	33.33	13.0	7.69	10.0	1.47	10.0
2	-11.69	6.0	40.60	16.0	5.55	11.0	-8.00	11.0
3	-9.92	6.0	36.11	15.0	4.55	11.0	-7.69	11.0
4	-12.02	6.0	41.18	13.0	5.83	11.0	-12.66	12.0
5	0.0	7.0	61.36	16.0	2.94	10.0	-21.52	12.0
6	-2.86	10.0	20.55	17.0	2.86	11.0	-14.29	13.0
7	3.99	10.0	10.87	16.0	9.73	11.0	-11.22	13.0
8	5.43	11.0	10.13	16.0	0.0	13.0	-0.89	13.0
9	19.16	12.0	11.16	16.0	-4.65	14.0	0.0	13.0
10	19.52	12.0	4.77	15.0	-9.27	14.0	-4.25	12.0
11	24.11	13.0	-0.89	15.0	-12.33	13.0	-1.97	12.0
12	24.29	13.0	-7.61	16.0	-6.95	12.0	-4.14	13.0
13	5.81	13.0	3.48	15.0	-6.09	13.0	-4.52	13.0
14	5.38	14.0	6.91	16.0	-5.45	13.0	-2.01	13.0
15	7.56	14.0	3.02	16.0	-2.81	13.0	-2.61	13.0
16	7.14	13.0	1.90	16.0	-6.71	13.0	-9.39	12.0
17	23.21	13.0	-0.63	16.0	-1.14	13.0	-19.17	12.0
18	41.48	15.0	-1.50	14.0	-22.34	13.0	-16.62	12.0
19	35.38	16.0	-4.91	14.0	-16.67	13.0	-7.94	11.0
20	40.97	16.0	0.0	12.0	0.0	13.0	-10.00	11.0
21	40.84	16.0	5.71	12.0	-2.33	13.0	-5.97	11.0
22	20.60	17.0	12.64	12.0	-5.93	12.0	-2.38	11.0
23	24.66	17.0	13.01	12.0	-6.96	12.0	0.0	11.0

ATHENS TEC 1972-76 SEASON: FALL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	0.0	15.0	24	0.0	15.0	48	5.56	13.0	72	-9.23	12.0
1	-1.75	17.0	25	-2.65	15.0	49	1.43	14.0	73	-3.80	12.0
2	0.0	17.0	26	6.25	15.0	50	0.0	14.0	74	-3.70	11.0
3	3.55	17.0	27	16.50	15.0	51	1.69	13.0	75	-8.05	11.0
4	3.51	17.0	28	29.63	15.0	52	5.77	13.0	76	-5.08	11.0
5	9.76	17.0	29	24.02	16.0	53	5.16	13.0	77	-8.55	11.0
6	18.92	17.0	30	16.20	16.0	54	3.12	14.0	78	-4.65	11.0
7	8.82	17.0	31	16.32	16.0	55	-1.61	14.0	79	-7.69	11.0
8	1.01	16.0	32	16.67	16.0	56	-3.77	14.0	80	-9.09	11.0
9	0.0	16.0	33	16.33	15.0	57	-10.33	13.0	81	-7.69	11.0
10	0.79	16.0	34	7.29	16.0	58	-3.08	14.0	82	-6.35	11.0
11	14.24	16.0	35	10.57	14.0	59	-13.89	12.0	83	-4.52	11.0
12	35.11	17.0	36	13.02	14.0	60	-9.40	13.0	84	-18.26	11.0
13	46.51	17.0	37	2.26	14.0	61	0.0	13.0	85	-7.75	12.0
14	24.35	16.0	38	0.0	13.0	62	-5.67	13.0	86	-9.36	12.0
15	18.12	17.0	39	0.0	12.0	63	-4.65	13.0	87	-8.87	12.0
16	24.66	17.0	40	27.19	13.0	64	-5.84	12.0	88	-2.38	11.0
17	22.03	17.0	41	20.72	12.0	65	-13.02	12.0	89	1.22	10.0
18	29.40	16.0	42	8.54	12.0	66	-8.86	12.0	90	-9.22	12.0
19	17.15	16.0	43	16.26	13.0	67	-9.25	12.0	91	-14.77	11.0
20	2.81	15.0	44	4.56	13.0	68	-9.87	10.0	92	0.0	11.0
21	12.66	16.0	45	2.44	13.0	69	-14.98	12.0	93	-6.92	12.0
22	15.97	16.0	46	9.04	13.0	70	-14.28	12.0	94	-20.51	12.0
23	-1.26	15.0	47	3.20	14.0	71	-9.24	12.0	95	-10.67	11.0

ATHENS TEC 1972-76 SEASON: WINTER

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =16

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	7.57	8.0	5.67	13.0	1.74	16.0	5.72	12.0
1	4.96	9.0	0.02	12.0	-1.18	16.0	1.20	11.0
2	4.34	9.0	-5.91	12.0	-3.51	15.0	1.34	11.0
3	3.81	8.0	-9.79	12.0	-8.92	14.0	-2.17	11.0
4	0.73	9.0	-5.79	12.0	-9.60	14.0	-0.84	11.0
5	17.19	11.0	1.98	14.0	0.03	15.0	6.78	11.0
6	76.85	11.0	5.27	15.0	12.97	15.0	10.04	11.0
7	17.85	11.0	10.46	15.0	5.43	15.0	0.65	10.0
8	30.21	11.0	10.80	15.0	7.32	15.0	2.92	10.0
9	47.53	9.0	19.05	15.0	7.71	14.0	1.61	11.0
10	33.76	12.0	14.20	16.0	6.43	15.0	1.93	11.0
11	26.00	13.0	5.22	16.0	6.74	14.0	5.11	11.0
12	24.20	14.0	1.35	15.0	1.02	14.0	0.79	10.0
13	34.91	14.0	11.29	15.0	-3.27	13.0	-2.32	10.0
14	40.31	14.0	15.08	15.0	0.68	14.0	-0.34	11.0
15	29.63	15.0	14.21	16.0	4.33	14.0	4.81	11.0
16	23.80	15.0	11.46	16.0	0.39	15.0	3.28	11.0
17	24.76	15.0	11.21	16.0	2.68	15.0	-3.54	11.0
18	21.45	15.0	10.94	16.0	-0.31	15.0	2.67	11.0
19	20.39	14.0	4.09	15.0	-1.75	15.0	-3.54	9.0
20	13.68	15.0	-0.97	15.0	-3.49	14.0	5.19	8.0
21	11.37	13.0	0.62	15.0	-1.85	14.0	-0.40	8.0
22	14.92	13.0	2.51	14.0	0.07	13.0	1.30	9.0
23	9.77	12.0	0.62	15.0	-0.69	14.0	-3.20	9.0

ATHENS TEC 1972-76 SEASON: WINTER

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	12.7	8.0	16.8	13.0	9.3	16.0	18.0	12.0
1	10.9	9.0	19.4	12.0	10.2	16.0	7.1	11.0
2	11.6	9.0	17.8	12.0	11.7	15.0	10.2	11.0
3	12.4	8.0	22.2	12.0	13.5	14.0	14.4	11.0
4	16.9	9.0	22.0	12.0	13.9	14.0	17.5	11.0
5	56.1	11.0	38.0	14.0	28.6	15.0	26.6	11.0
6	101.5	11.0	47.3	15.0	58.5	15.0	37.3	11.0
7	47.2	11.0	32.1	15.0	41.5	15.0	22.1	10.0
8	61.1	11.0	31.4	15.0	37.1	15.0	23.0	10.0
9	52.4	9.0	26.4	15.0	28.8	14.0	23.7	11.0
10	34.5	12.0	25.7	16.0	34.0	15.0	22.0	11.0
11	29.4	13.0	24.8	16.0	36.4	14.0	28.1	11.0
12	43.3	14.0	22.9	15.0	25.0	14.0	21.9	10.0
13	58.8	14.0	31.2	16.0	15.2	13.0	17.4	10.0
14	80.8	14.0	40.0	15.0	21.3	14.0	9.0	11.0
15	45.6	15.0	40.3	16.0	20.6	14.0	12.7	11.0
16	42.9	15.0	26.5	16.0	15.8	15.0	9.9	11.0
17	38.5	15.0	15.4	16.0	22.6	15.0	13.1	11.0
18	31.9	15.0	18.9	16.0	20.6	15.0	21.3	11.0
19	27.7	14.0	15.8	15.0	17.7	15.0	10.7	9.0
20	30.9	15.0	17.3	15.0	14.0	14.0	22.3	8.0
21	39.1	13.0	14.4	15.0	14.2	14.0	18.5	8.0
22	35.8	13.0	13.1	14.0	16.4	13.0	16.1	9.0
23	20.1	12.0	10.5	15.0	14.9	14.0	13.4	9.0

ATHENS TEC 1972-76 SEASON: WINTER

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =16

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	1.45	11.0	24	18.73	13.0	48	-0.53	15.0	72	-4.90	13.0
1	1.52	12.0	25	19.56	13.0	49	-1.85	15.0	73	-5.93	14.0
2	5.90	13.0	26	19.11	13.0	50	-1.52	15.0	74	-10.35	13.0
3	1.16	14.0	27	15.58	14.0	51	1.04	16.0	75	-5.20	12.0
4	4.00	16.0	28	10.95	15.0	52	2.74	16.0	76	2.30	12.0
5	6.35	16.0	29	7.73	15.0	53	0.22	16.0	77	0.93	12.0
6	10.50	15.0	30	9.04	15.0	54	1.46	15.0	78	1.97	10.0
7	1.01	16.0	31	6.68	14.0	55	-2.10	14.0	79	-0.98	11.0
8	3.70	14.0	32	-0.48	15.0	56	-0.72	15.0	80	-7.88	11.0
9	7.74	13.0	33	-2.21	14.0	57	-3.06	15.0	81	-8.31	11.0
10	4.60	13.0	34	2.40	14.0	58	-1.59	13.0	82	-1.99	11.0
11	18.10	15.0	35	8.60	15.0	59	3.02	12.0	83	4.50	12.0
12	35.76	15.0	36	12.56	15.0	60	14.32	11.0	84	2.24	12.0
13	18.34	15.0	37	10.18	15.0	61	10.15	12.0	85	2.90	10.0
14	27.91	14.0	38	10.92	15.0	62	7.89	13.0	86	-0.44	11.0
15	27.89	15.0	39	6.10	14.0	63	4.14	13.0	87	-0.47	11.0
16	38.65	14.0	40	5.75	14.0	64	11.63	12.0	88	4.15	11.0
17	47.60	15.0	41	10.40	16.0	65	10.51	13.0	89	3.33	11.0
18	30.72	15.0	42	5.77	16.0	66	8.66	12.0	90	3.20	11.0
19	24.03	15.0	43	12.18	15.0	67	3.91	12.0	91	-0.80	9.0
20	14.22	16.0	44	12.49	16.0	68	7.25	14.0	92	0.62	10.0
21	12.87	15.0	45	8.78	16.0	69	-0.75	13.0	93	-3.70	10.0
22	20.23	14.0	46	1.47	16.0	70	-5.91	13.0	94	-2.80	10.0
23	19.26	14.0	47	-4.24	16.0	71	-5.22	13.0	95	-0.57	10.0

ATHENS TEC 1972-76 SEASON: WINTER

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	21.8	11.0	24	31.7	13.0	48	13.9	15.0	72	13.2	13.0
1	23.3	12.0	25	26.2	13.0	49	13.8	15.0	73	13.1	14.0
2	30.9	13.0	26	31.8	13.0	50	15.3	15.0	74	14.5	13.0
3	15.4	14.0	27	38.9	14.0	51	21.0	16.0	75	13.8	12.0
4	17.4	16.0	28	33.4	15.0	52	21.4	16.0	76	14.6	12.0
5	18.2	16.0	29	18.8	15.0	53	12.7	16.0	77	12.3	12.0
6	16.8	15.0	30	19.5	15.0	54	16.6	15.0	78	8.4	10.0
7	21.2	16.0	31	15.2	14.0	55	15.7	14.0	79	22.3	11.0
8	25.2	14.0	32	16.0	15.0	56	17.4	15.0	80	11.8	11.0
9	26.8	13.0	33	15.2	14.0	57	20.8	15.0	81	14.2	11.0
10	20.8	13.0	34	10.9	14.0	58	17.2	13.0	82	19.0	11.0
11	50.5	15.0	35	32.1	15.0	59	26.7	12.0	83	28.9	12.0
12	87.6	15.0	36	49.6	15.0	60	65.8	11.0	84	41.2	12.0
13	41.1	15.0	37	36.6	15.0	61	44.7	12.0	85	24.0	10.0
14	51.0	14.0	38	26.1	15.0	62	40.5	13.0	86	24.0	11.0
15	48.7	15.0	39	21.0	14.0	63	31.8	13.0	87	22.5	11.0
16	61.9	14.0	40	23.3	14.0	64	33.9	12.0	88	21.7	11.0
17	84.0	15.0	41	26.7	16.0	65	34.8	13.0	89	25.6	11.0
18	45.1	15.0	42	24.9	16.0	66	29.4	12.0	90	19.4	11.0
19	28.8	15.0	43	36.8	15.0	67	14.3	12.0	91	10.0	9.0
20	26.7	16.0	44	44.2	15.0	68	20.1	14.0	92	7.8	10.0
21	33.8	15.0	45	42.6	16.0	69	12.4	13.0	93	7.0	10.0
22	43.7	14.0	46	28.2	16.0	70	14.1	13.0	94	5.6	10.0
23	35.2	14.0	47	13.4	16.0	71	15.8	13.0	95	11.8	10.0

ATHENS TEC 1972-76 SEASON: WINTER

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =16

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	1.79	8.0	3.45	13.0	0.0	16.0	0.0	12.0
1	0.0	9.0	-1.72	12.0	-1.82	16.0	1.82	11.0
2	1.82	9.0	-4.69	12.0	-1.82	15.0	0.0	11.0
3	2.42	8.0	-10.14	12.0	-3.87	14.0	0.0	11.0
4	0.0	9.0	-5.21	12.0	-7.64	14.0	0.0	11.0
5	0.0	11.0	-1.61	14.0	0.0	15.0	3.33	11.0
6	6.45	11.0	-6.57	15.0	2.04	15.0	0.0	11.0
7	0.0	11.0	5.08	15.0	0.0	15.0	-4.76	10.0
8	5.08	11.0	1.89	15.0	-1.11	15.0	0.0	10.0
9	27.59	9.0	19.44	15.0	2.00	14.0	-4.79	11.0
10	22.59	12.0	14.73	16.0	0.0	15.0	-1.16	11.0
11	31.13	13.0	-2.06	16.0	-3.74	14.0	0.0	11.0
12	8.94	14.0	4.65	16.0	-0.81	14.0	-3.98	10.0
13	12.35	14.0	9.04	16.0	-1.05	13.0	-3.37	10.0
14	16.84	14.0	2.70	16.0	-2.90	14.0	3.36	11.0
15	6.74	15.0	2.35	16.0	-0.65	14.0	3.27	11.0
16	6.58	15.0	7.15	16.0	0.0	15.0	0.0	11.0
17	9.84	15.0	9.20	16.0	0.0	15.0	-5.41	11.0
18	20.00	15.0	3.00	16.0	-2.00	15.0	-2.00	11.0
19	14.49	14.0	0.0	15.0	-3.03	15.0	-1.23	9.0
20	10.81	15.0	-1.54	15.0	-1.15	14.0	-1.32	8.0
21	2.78	13.0	-1.67	15.0	-5.75	14.0	-2.78	9.0
22	5.71	13.0	0.86	14.0	-2.70	13.0	0.0	9.0
23	7.69	12.0	0.0	15.0	-2.78	14.0	-3.33	9.0

ATHENS TEC 1972-76 SEASON: WINTER

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	0.0	11.0	24	4.62	13.0	48	-4.40	15.0	72	-2.42	13.0
1	-2.24	12.0	25	9.60	13.0	49	-2.56	15.0	73	-4.29	14.0
2	-2.86	13.0	26	15.29	13.0	50	-3.57	15.0	74	-10.43	13.0
3	0.91	14.0	27	7.05	14.0	51	-0.91	16.0	75	-5.68	12.0
4	0.91	16.0	28	0.0	15.0	52	0.0	16.0	76	0.0	12.0
5	2.37	16.0	29	5.71	15.0	53	-0.44	16.0	77	-0.70	12.0
6	11.11	15.0	30	11.32	15.0	54	5.41	15.0	78	-0.57	10.0
7	1.03	16.0	31	6.47	14.0	55	0.0	14.0	79	-10.81	11.0
8	-5.17	14.0	32	0.0	15.0	56	0.0	15.0	80	-10.71	11.0
9	-2.91	13.0	33	-2.63	14.0	57	-4.25	15.0	81	-7.06	11.0
10	9.52	13.0	34	0.55	14.0	58	-6.25	13.0	82	-8.57	11.0
11	4.41	15.0	35	0.0	15.0	59	-1.61	12.0	83	0.0	12.0
12	3.85	15.0	36	1.28	15.0	60	-6.41	11.0	84	-0.70	12.0
13	8.40	15.0	37	0.0	15.0	61	0.72	12.0	85	-3.02	10.0
14	4.53	14.0	38	3.45	15.0	62	0.0	13.0	86	-5.62	11.0
15	9.84	15.0	39	5.25	14.0	63	0.0	13.0	87	-6.67	11.0
16	11.53	14.0	40	1.77	14.0	64	1.85	12.0	88	0.0	11.0
17	11.90	15.0	41	1.43	15.0	65	0.0	13.0	89	0.0	11.0
18	13.73	15.0	42	-0.98	15.0	66	-1.12	12.0	90	2.00	11.0
19	17.07	15.0	43	0.0	15.0	67	2.95	12.0	91	-1.99	9.0
20	12.08	16.0	44	2.94	15.0	68	2.73	14.0	92	-1.32	10.0
21	5.41	15.0	45	-2.18	16.0	69	0.0	13.0	93	-2.82	10.0
22	7.35	14.0	46	-2.85	16.0	70	-8.11	13.0	94	-4.05	10.0
23	13.03	14.0	47	-5.03	16.0	71	-5.80	13.0	95	-1.56	10.0

ATHENS TEC 1972-76 SEASON: SPRING

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =10

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	16.10	5.0	29.67	9.0	-5.94	9.0	-0.34	8.0
1	11.71	5.0	29.91	10.0	-7.95	7.0	1.15	8.0
2	15.84	7.0	18.92	9.0	1.95	8.0	8.48	8.0
3	0.36	5.0	13.90	10.0	-3.74	8.0	4.37	9.0
4	-2.84	6.0	15.34	10.0	-0.61	7.0	-4.03	9.0
5	-4.08	7.0	0.49	10.0	0.89	7.0	-4.44	8.0
6	-1.13	7.0	-4.32	10.0	1.93	7.0	-1.52	7.0
7	10.45	8.0	-1.31	10.0	6.98	8.0	6.85	9.0
8	11.31	8.0	-4.37	10.0	11.23	7.0	0.75	8.0
9	25.83	8.0	-11.46	10.0	9.45	8.0	1.70	8.0
10	35.85	8.0	-9.23	10.0	9.46	8.0	2.90	8.0
11	35.21	8.0	-8.87	10.0	3.22	8.0	-2.44	8.0
12	29.05	8.0	-8.83	10.0	-2.94	7.0	1.02	8.0
13	23.42	8.0	-6.93	10.0	-2.33	7.0	5.12	8.0
14	28.21	8.0	-6.55	10.0	-3.21	8.0	4.19	8.0
15	26.14	8.0	-8.79	10.0	-5.87	8.0	-5.84	9.0
16	28.49	8.0	-9.79	10.0	-6.51	8.0	-9.41	8.0
17	29.23	8.0	-4.32	10.0	-5.65	8.0	-4.31	8.0
18	30.79	8.0	-4.04	9.0	-6.17	8.0	-0.84	8.0
19	30.81	8.0	-4.83	9.0	-3.35	8.0	-0.21	8.0
20	38.47	8.0	1.80	9.0	-10.09	8.0	9.21	8.0
21	53.07	8.0	-1.17	9.0	-5.66	8.0	23.14	7.0
22	38.57	9.0	-1.60	9.0	0.30	8.0	19.90	7.0
23	34.38	9.0	-3.24	9.0	-1.71	8.0	15.84	7.0

ATHENS TEC 1972-76 SEASON: SPRING

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	31.8	5.0	47.8	9.0	37.7	9.0	36.6	8.0
1	16.6	5.0	49.2	10.0	42.5	7.0	35.8	8.0
2	23.8	7.0	42.5	9.0	49.2	8.0	45.7	8.0
3	9.7	5.0	40.5	10.0	44.7	8.0	40.4	8.0
4	21.0	6.0	31.5	10.0	46.2	7.0	28.6	8.0
5	19.2	7.0	32.7	10.0	46.7	7.0	24.5	8.0
6	22.7	7.0	29.1	10.0	28.9	7.0	19.7	7.0
7	22.5	8.0	21.8	10.0	32.6	8.0	18.2	8.0
8	22.9	8.0	18.2	10.0	44.4	7.0	12.7	8.0
9	30.9	8.0	16.4	10.0	27.2	8.0	14.5	8.0
10	36.7	8.0	19.9	10.0	26.5	8.0	9.3	8.0
11	47.7	8.0	22.9	10.0	22.6	8.0	17.3	8.0
12	45.1	8.0	27.0	10.0	14.1	7.0	18.9	8.0
13	39.6	8.0	33.3	10.0	15.2	7.0	21.6	8.0
14	49.9	8.0	29.0	10.0	15.1	8.0	20.0	8.0
15	47.3	8.0	27.5	10.0	11.2	8.0	10.4	8.0
16	59.2	8.0	25.4	10.0	7.5	8.0	11.9	8.0
17	52.2	8.0	26.6	10.0	10.2	8.0	13.2	8.0
18	47.4	8.0	29.4	9.0	15.2	8.0	15.2	8.0
19	36.8	8.0	29.8	9.0	16.0	8.0	17.6	8.0
20	56.5	8.0	30.0	9.0	23.1	8.0	32.5	8.0
21	77.5	8.0	30.5	9.0	30.4	8.0	41.8	7.0
22	70.7	9.0	34.8	9.0	36.0	8.0	38.9	7.0
23	59.0	9.0	33.8	9.0	35.5	8.0	31.0	7.0

ATHENS TEC 1972-76 SEASON: SPRING

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =10

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	-8.56	9.0	24	15.24	10.0	48	-12.77	7.0	72	-1.16	8.0
1	-10.55	9.0	25	24.95	10.0	49	-10.00	8.0	73	-0.69	8.0
2	-10.52	9.0	26	19.03	10.0	50	-14.19	8.0	74	-10.23	8.0
3	0.44	10.0	27	19.53	9.0	51	-7.52	8.0	75	-7.39	8.0
4	7.63	10.0	28	22.73	9.0	52	-5.36	8.0	76	-6.11	8.0
5	16.36	9.0	29	29.61	9.0	53	-7.43	8.0	77	-4.57	8.0
6	17.62	9.0	30	32.87	9.0	54	-3.48	8.0	78	-6.38	8.0
7	19.36	10.0	31	37.53	9.0	55	-2.49	8.0	79	1.79	8.0
8	24.80	10.0	32	35.69	9.0	56	5.98	8.0	80	6.23	8.0
9	18.22	10.0	33	29.00	9.0	57	2.19	8.0	81	9.83	8.0
10	27.90	9.0	34	22.45	9.0	58	-0.03	8.0	82	1.41	8.0
11	37.36	8.0	35	13.64	9.0	59	-2.05	8.0	83	-1.32	8.0
12	36.46	10.0	36	18.13	9.0	60	-0.53	7.0	84	1.71	8.0
13	18.84	10.0	37	0.65	8.0	61	5.18	8.0	85	9.84	8.0
14	-0.13	9.0	38	2.19	9.0	62	3.76	8.0	86	18.81	7.0
15	-3.75	9.0	39	-6.24	9.0	63	13.95	7.0	87	6.23	8.0
16	-7.92	10.0	40	-3.51	8.0	64	13.63	7.0	88	5.05	8.0
17	3.38	9.0	41	-5.09	8.0	65	4.97	8.0	89	3.37	8.0
18	4.36	10.0	42	-11.18	8.0	66	9.38	8.0	90	7.79	8.0
19	3.38	10.0	43	-8.57	8.0	67	9.71	7.0	91	6.25	8.0
20	4.56	10.0	44	-13.94	8.0	68	7.41	7.0	92	16.09	8.0
21	4.09	10.0	45	-19.24	8.0	69	8.24	7.0	93	13.02	8.0
22	17.55	10.0	46	-18.84	8.0	70	-3.73	8.0	94	11.97	8.0
23	11.82	10.0	47	-19.56	8.0	71	-3.99	8.0	95	9.39	8.0

ATHENS TEC 1972-76 SEASON: SPRING

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	16.6	9.0	24	31.8	10.0	48	21.9	7.0	72	13.4	8.0
1	16.6	9.0	25	36.7	10.0	49	26.1	8.0	73	17.4	8.0
2	18.8	9.0	26	33.1	10.0	50	23.2	8.0	74	13.8	8.0
3	18.8	10.0	27	37.9	9.0	51	28.8	8.0	75	13.2	8.0
4	17.4	10.0	28	38.6	9.0	52	28.4	8.0	76	13.3	8.0
5	25.0	9.0	29	34.5	9.0	53	26.4	8.0	77	17.1	8.0
6	31.4	9.0	30	44.8	9.0	54	19.5	8.0	78	26.1	8.0
7	33.3	10.0	31	73.2	9.0	55	22.8	8.0	79	31.2	8.0
8	44.2	10.0	32	67.4	9.0	56	31.3	8.0	80	33.9	8.0
9	43.3	10.0	33	55.6	9.0	57	37.1	8.0	81	38.8	8.0
10	55.3	9.0	34	44.5	9.0	58	35.0	8.0	82	36.0	8.0
11	55.7	8.0	35	38.6	9.0	59	38.2	8.0	83	37.7	8.0
12	48.3	10.0	36	40.1	9.0	60	38.6	7.0	84	36.4	8.0
13	39.3	10.0	37	22.3	8.0	61	45.7	8.0	85	45.2	8.0
14	36.8	9.0	38	27.9	9.0	62	38.9	8.0	86	40.9	7.0
15	33.8	9.0	39	22.3	9.0	63	40.8	7.0	87	34.2	8.0
16	19.5	10.0	40	35.9	8.0	64	41.6	7.0	88	27.8	8.0
17	22.0	9.0	41	30.1	8.0	65	28.7	8.0	89	21.8	8.0
18	23.6	10.0	42	29.4	8.0	66	33.0	8.0	90	24.9	8.0
19	21.3	10.0	43	28.6	8.0	67	43.6	7.0	91	23.2	8.0
20	30.9	10.0	44	27.7	8.0	68	21.9	7.0	92	33.2	8.0
21	32.4	10.0	45	26.8	8.0	69	19.2	7.0	93	31.6	8.0
22	43.7	10.0	46	26.0	8.0	70	14.1	8.0	94	33.1	8.0
23	37.3	10.0	47	24.7	8.0	71	8.2	8.0	95	32.1	8.0

ATHENS TEC 1972-76 SEASON: SPRING

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =10

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	8.82	6.0	21.62	9.0	-5.41	9.0	-9.67	8.0
1	6.67	5.0	16.20	10.0	-8.45	7.0	-10.00	8.0
2	7.14	7.0	0.0	9.0	-5.80	8.0	-5.36	8.0
3	0.0	5.0	6.20	10.0	-12.93	8.0	-1.79	8.0
4	-12.34	6.0	12.50	10.0	-9.62	7.0	-4.84	8.0
5	0.0	7.0	-6.17	10.0	-6.25	7.0	-3.93	8.0
6	-10.45	7.0	-11.76	10.0	-13.21	7.0	-9.43	7.0
7	3.86	8.0	-7.35	10.0	-3.54	8.0	-0.57	8.0
8	1.70	8.0	-9.00	10.0	-11.50	7.0	-0.43	8.0
9	21.03	8.0	-11.40	10.0	1.01	8.0	3.78	8.0
10	32.96	8.0	-1.27	10.0	4.37	8.0	-0.66	8.0
11	16.14	8.0	-4.93	10.0	-5.49	8.0	-8.89	8.0
12	19.06	8.0	-3.59	10.0	-6.64	7.0	-2.65	8.0
13	3.67	8.0	0.23	10.0	-5.68	7.0	2.44	8.0
14	7.19	8.0	0.05	10.0	-4.97	8.0	1.70	8.0
15	19.43	8.0	0.0	10.0	-7.83	8.0	-6.51	8.0
16	6.82	8.0	-7.99	10.0	-7.63	8.0	-9.18	8.0
17	5.83	8.0	-9.30	10.0	-4.64	8.0	-3.55	8.0
18	27.32	8.0	-12.73	9.0	-8.59	8.0	-1.23	8.0
19	26.87	8.0	-12.50	9.0	-7.70	8.0	1.15	8.0
20	10.96	8.0	1.54	9.0	-7.14	8.0	8.23	8.0
21	33.29	8.0	-4.35	9.0	-5.55	8.0	12.63	7.0
22	18.42	9.0	-3.90	9.0	-3.80	8.0	7.25	7.0
23	19.23	9.0	-3.99	9.0	-7.95	8.0	3.85	7.0

ATHENS TEC 1972-76 SEASON: SPRING

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-10.20	9.0	24	2.86	10.0	48	-3.33	7.0	72	-2.17	8.0
1	-13.43	9.0	25	12.95	10.0	49	-10.07	8.0	73	-3.01	8.0
2	-16.67	9.0	26	13.11	10.0	50	-12.99	8.0	74	-9.21	8.0
3	-4.17	10.0	27	2.54	9.0	51	-7.93	8.0	75	-1.92	8.0
4	5.74	10.0	28	13.65	9.0	52	-13.36	8.0	76	-6.25	8.0
5	13.02	9.0	29	23.29	9.0	53	-9.85	8.0	77	-6.12	8.0
6	5.61	9.0	30	18.42	9.0	54	-2.23	8.0	78	-5.25	8.0
7	3.08	10.0	31	14.08	9.0	55	-0.66	8.0	79	4.45	8.0
8	6.67	10.0	32	10.45	9.0	56	4.67	8.0	80	4.57	8.0
9	1.32	10.0	33	14.77	9.0	57	-3.66	8.0	81	9.40	8.0
10	11.32	9.0	34	6.67	9.0	58	-6.85	8.0	82	-6.68	8.0
11	11.03	8.0	35	-5.46	9.0	59	-13.36	8.0	83	-12.17	8.0
12	26.11	10.0	36	19.37	9.0	60	-7.49	7.0	84	-11.30	8.0
13	8.93	10.0	37	-0.47	8.0	61	-0.05	8.0	85	-10.79	8.0
14	-15.44	9.0	38	0.67	9.0	62	-4.01	8.0	86	0.0	7.0
15	-11.39	9.0	39	-3.80	9.0	63	0.0	7.0	87	-3.74	8.0
16	-0.45	10.0	40	-2.07	8.0	64	-1.67	7.0	88	-3.15	8.0
17	7.69	9.0	41	-8.63	8.0	65	-6.24	8.0	89	0.15	8.0
18	-1.72	10.0	42	-9.96	8.0	66	-0.35	8.0	90	-0.43	8.0
19	-6.22	10.0	43	-7.76	8.0	67	0.0	7.0	91	-3.37	8.0
20	0.0	10.0	44	-9.84	8.0	68	3.55	7.0	92	0.50	8.0
21	-3.42	10.0	45	-15.75	8.0	69	8.57	7.0	93	0.35	8.0
22	-5.46	10.0	46	-15.00	8.0	70	-9.54	8.0	94	0.78	8.0
23	-8.12	10.0	47	-12.17	8.0	71	-4.23	8.0	95	-0.88	8.0

ATHENS TEC 1972-76 SEASON: EQUINOCTAL

AVERAGE DAILY VARIATIONS (SD) ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =27

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	8.63	9.0	37.88	24.0	6.30	21.0	-3.89	20.0
1	4.98	9.0	39.96	23.0	4.98	17.0	-0.97	18.0
2	12.49	13.0	34.90	25.0	11.83	19.0	2.62	19.0
3	7.55	11.0	29.71	25.0	3.70	19.0	1.47	19.0
4	8.82	12.0	32.35	23.0	10.97	18.0	-0.15	20.0
5	10.21	14.0	34.80	26.0	7.00	17.0	-5.01	20.0
6	1.44	17.0	9.75	27.0	2.04	18.0	-6.70	20.0
7	8.64	18.0	9.03	26.0	4.98	19.0	2.99	21.0
8	11.05	19.0	7.98	26.0	3.69	20.0	3.14	21.0
9	21.79	20.0	0.56	26.0	1.35	23.0	2.43	21.0
10	33.01	20.0	-1.58	26.0	0.97	22.0	-0.20	20.0
11	39.91	21.0	-4.06	25.0	-1.72	21.0	-1.02	20.0
12	37.11	21.0	-7.66	26.0	-3.65	19.0	-0.15	21.0
13	29.70	21.0	1.20	25.0	-3.92	20.0	0.92	21.0
14	23.64	22.0	2.13	26.0	-4.06	21.0	1.31	21.0
15	20.47	22.0	0.34	26.0	-6.88	21.0	-3.83	21.0
16	22.39	21.0	-1.01	26.0	-5.25	21.0	-6.94	20.0
17	29.59	21.0	0.47	26.0	-6.67	21.0	-9.59	20.0
18	40.20	23.0	2.27	23.0	-9.65	21.0	-8.71	20.0
19	49.19	24.0	3.11	23.0	-8.22	21.0	-4.37	19.0
20	53.63	24.0	8.95	21.0	-4.40	21.0	-1.35	19.0
21	47.36	24.0	8.35	21.0	-4.50	21.0	4.40	18.0
22	37.76	26.0	7.09	21.0	-4.43	20.0	3.11	18.0
23	38.16	26.0	7.89	21.0	-3.75	20.0	2.04	18.0

ATHENS TEC 1972-76 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF DAILY VARIATIONS

LOCAL TIME	S1	NO STORMS	S2	NO STORMS	S3	NO STORMS	S4	NO STORMS
0	30.4	9.0	53.3	24.0	32.4	21.0	28.9	20.0
1	22.4	9.0	55.6	23.0	34.5	17.0	29.5	18.0
2	30.4	13.0	47.8	25.0	40.1	19.0	38.0	19.0
3	37.9	11.0	44.1	25.0	45.0	19.0	40.0	19.0
4	50.4	12.0	42.3	23.0	60.9	18.0	41.2	20.0
5	43.5	14.0	51.8	26.0	63.7	17.0	43.2	20.0
6	28.5	17.0	34.2	27.0	31.4	18.0	25.1	20.0
7	28.5	18.0	28.6	26.0	27.9	19.0	23.1	21.0
8	28.4	19.0	28.2	26.0	31.9	20.0	20.1	21.0
9	32.1	20.0	24.4	26.0	25.8	22.0	19.2	21.0
10	43.9	20.0	21.6	26.0	26.1	22.0	15.6	20.0
11	51.0	21.0	22.8	25.0	25.8	21.0	18.2	20.0
12	53.4	21.0	28.0	26.0	23.1	19.0	19.7	21.0
13	50.1	21.0	37.0	25.0	20.1	20.0	21.1	21.0
14	41.5	22.0	35.9	26.0	19.6	21.0	18.9	21.0
15	38.3	22.0	30.9	26.0	18.0	21.0	12.5	21.0
16	45.1	21.0	22.9	26.0	18.6	21.0	15.6	20.0
17	45.6	21.0	27.3	26.0	24.6	21.0	19.1	20.0
18	53.1	23.0	38.6	23.0	27.4	21.0	23.5	20.0
19	58.5	24.0	39.5	23.0	24.7	21.0	23.8	17.0
20	65.7	24.0	39.2	21.0	24.9	21.0	24.8	19.0
21	55.2	24.0	31.5	21.0	25.6	21.0	32.9	18.0
22	56.5	26.0	30.0	21.0	29.4	20.0	31.6	18.0
23	53.2	26.0	30.2	21.0	28.3	20.0	26.7	18.0

ATHENS TEC 1972-76 SEASON: EQUINOCTAL

AVERAGE DST VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =27

ST=STORM TIME NS=NUMBER OF STORMS

ST	ADST	NS	ST	ADST	NS	ST	ADST	NS	ST	ADST	NS
0	-4.61	25.0	24	20.93	25.0	48	-0.51	20.0	72	-2.04	20.0
1	-5.73	26.0	25	21.81	25.0	49	-3.05	22.0	73	-3.97	20.0
2	-4.17	26.0	26	19.69	25.0	50	-5.57	22.0	74	-5.30	19.0
3	5.06	27.0	27	21.86	24.0	51	-4.14	21.0	75	-4.06	19.0
4	12.54	27.0	28	31.04	24.0	52	-1.23	21.0	76	-7.32	19.0
5	25.31	26.0	29	37.12	26.0	53	-1.57	21.0	77	-2.79	19.0
6	26.55	26.0	30	32.21	25.0	54	0.08	22.0	78	-7.12	19.0
7	19.29	27.0	31	34.01	25.0	55	-4.07	22.0	79	-4.62	19.0
8	14.78	26.0	32	28.18	25.0	56	-4.09	22.0	80	-2.70	19.0
9	10.13	26.0	33	26.05	24.0	57	-5.18	21.0	81	-0.97	19.0
10	24.01	25.0	34	20.44	25.0	58	-3.98	22.0	82	-4.22	19.0
11	35.70	24.0	35	22.28	23.0	59	0.29	20.0	83	-4.22	19.0
12	46.19	27.0	36	31.37	23.0	60	7.01	20.0	84	-4.93	19.0
13	41.10	27.0	37	21.76	22.0	61	11.40	21.0	85	-1.05	18.0
14	23.75	26.0	38	7.86	22.0	62	6.79	21.0	86	2.35	19.0
15	24.02	26.0	39	5.72	21.0	63	10.54	20.0	87	-1.75	20.0
16	18.41	27.0	40	9.66	21.0	64	3.49	19.0	88	1.05	19.0
17	20.50	26.0	41	7.30	20.0	65	-0.64	20.0	89	0.71	18.0
18	20.31	26.0	42	1.83	20.0	66	1.69	20.0	90	-4.24	20.0
19	15.67	26.0	43	3.02	21.0	67	-0.97	19.0	91	-4.49	19.0
20	14.96	25.0	44	-1.99	21.0	68	-2.09	17.0	92	5.93	19.0
21	18.40	25.0	45	-4.84	21.0	69	-5.17	19.0	93	-0.90	20.0
22	22.27	26.0	46	-5.25	21.0	70	-8.27	20.0	94	-4.22	20.0
23	16.52	25.0	47	-7.11	22.0	71	-4.47	20.0	95	-0.91	19.0

ATHENS TEC 1972-76 SEASON: EQUINOCTAL

STANDARD DEVIATIONS OF STORMTIME VARIATIONS

ST	SSD	NS	ST	SSD	NS	ST	SSD	NS	ST	SSD	NS
0	22.5	25.0	24	46.4	25.0	48	26.7	20.0	72	21.3	20.0
1	23.0	25.0	25	36.1	25.0	49	22.2	22.0	73	17.6	20.0
2	23.2	26.0	26	36.7	25.0	50	22.1	22.0	74	18.5	19.0
3	28.5	27.0	27	38.4	24.0	51	24.9	21.0	75	19.1	19.0
4	36.3	27.0	28	42.0	24.0	52	30.1	21.0	76	13.7	19.0
5	49.5	26.0	29	47.2	25.0	53	27.2	21.0	77	16.9	19.0
6	51.5	26.0	30	49.1	25.0	54	24.8	22.0	78	20.9	19.0
7	34.1	27.0	31	54.8	25.0	55	27.4	22.0	79	28.1	19.0
8	36.7	26.0	32	48.7	25.0	56	24.8	22.0	80	26.0	19.0
9	32.8	25.0	33	44.6	24.0	57	26.6	21.0	81	29.9	19.0
10	48.4	25.0	34	41.8	25.0	58	32.0	22.0	82	29.1	19.0
11	53.9	24.0	35	47.6	23.0	59	43.9	20.0	83	29.9	19.0
12	55.3	27.0	36	60.6	23.0	60	50.6	20.0	84	28.2	19.0
13	51.4	27.0	37	54.8	22.0	61	50.9	21.0	85	35.1	19.0
14	46.0	23.0	38	29.8	22.0	62	43.9	21.0	86	33.0	19.0
15	50.0	26.0	39	30.4	21.0	63	43.1	20.0	87	27.2	20.0
16	36.8	27.0	40	37.6	21.0	64	33.9	19.0	88	25.1	19.0
17	32.4	26.0	41	34.6	20.0	65	29.5	20.0	89	21.6	18.0
18	30.0	26.0	42	37.5	20.0	66	30.3	20.0	90	25.5	20.0
19	31.7	25.0	43	30.4	21.0	67	35.1	19.0	91	26.5	19.0
20	41.9	25.0	44	24.3	21.0	68	23.5	17.0	92	30.0	19.0
21	45.2	25.0	45	27.5	21.0	69	24.6	19.0	93	30.0	20.0
22	49.0	26.0	46	31.2	21.0	70	23.6	20.0	94	33.6	20.0
23	52.7	25.0	47	29.3	22.0	71	24.2	20.0	95	27.1	19.0

ATHENS TEC 1972-76 SEASON: EQUINOCTAL

MEDIAN DAILY VARIATIONS ***** = NO DATA TOTAL NUMBER ANALYZED THIS SEASON =27

LOCAL TIME	SD1	NO STORMS	SD2	NO STORMS	SD3	NO STORMS	SD4	NO STORMS
0	8.82	9.0	27.88	24.0	3.70	21.0	-6.39	20.0
1	3.70	9.0	18.52	23.0	6.06	17.0	-1.67	18.0
2	0.0	13.0	23.19	25.0	4.62	19.0	-8.00	19.0
3	-3.85	11.0	21.21	25.0	-2.17	19.0	-3.57	19.0
4	-12.02	12.0	23.53	23.0	0.77	18.0	-11.09	20.0
5	0.0	14.0	11.38	26.0	0.0	17.0	-18.02	20.0
6	-5.71	17.0	7.14	27.0	1.22	18.0	-12.50	20.0
7	3.99	18.0	8.98	26.0	0.0	19.0	-5.49	21.0
8	4.46	19.0	6.25	26.0	-3.80	20.0	-0.86	21.0
9	20.95	20.0	-1.99	26.0	-2.62	22.0	0.59	21.0
10	24.81	20.0	-0.56	26.0	-7.51	22.0	-0.66	20.0
11	24.11	21.0	-3.79	25.0	-8.77	21.0	-3.96	20.0
12	24.29	21.0	-7.38	26.0	-6.64	19.0	-4.14	21.0
13	5.81	21.0	1.54	25.0	-5.88	20.0	-2.69	21.0
14	6.80	22.0	3.24	26.0	-5.45	21.0	-2.01	21.0
15	9.85	22.0	2.07	26.0	-7.32	21.0	-2.61	21.0
16	7.14	21.0	0.28	26.0	-6.71	21.0	-9.22	20.0
17	15.79	21.0	-2.76	26.0	-1.14	21.0	-10.11	20.0
18	31.36	23.0	-5.97	27.0	-13.64	21.0	-7.44	20.0
19	33.48	24.0	-8.93	23.0	-11.40	21.0	-4.76	19.0
20	32.00	24.0	0.0	21.0	0.0	21.0	-3.13	19.0
21	39.40	24.0	4.69	21.0	-2.73	21.0	-4.15	19.0
22	19.31	26.0	0.0	21.0	-5.90	20.0	-2.38	19.0
23	23.97	26.0	2.44	21.0	-6.96	20.0	0.0	19.0

ATHENS TEC 1972-76 SEASON: EQUINOCTAL

MEDIAN STORM TIME VARIATIONS

ST=STORM TIME NS=NUMBER OF STORMS

ST	MDST	NS	ST	MDST	NS	ST	MDST	NS	ST	MDST	NS
0	-1.60	25.0	24	2.72	25.0	48	-0.25	20.0	72	-6.39	20.0
1	-6.65	25.0	25	12.07	25.0	49	-1.11	22.0	73	-3.01	20.0
2	-5.11	25.0	26	7.89	25.0	50	-1.19	22.0	74	-4.46	19.0
3	0.0	27.0	27	13.76	24.0	51	0.0	21.0	75	-4.88	19.0
4	4.17	27.0	28	15.02	24.0	52	-13.14	21.0	76	-5.09	19.0
5	11.39	26.0	29	23.29	25.0	53	-4.35	21.0	77	-8.55	19.0
6	6.65	26.0	30	18.42	25.0	54	-0.57	22.0	78	-4.65	19.0
7	5.81	27.0	31	15.71	25.0	55	-1.43	22.0	79	-7.04	19.0
8	1.01	26.0	32	14.77	25.0	56	-7.35	22.0	80	-3.85	19.0
9	0.0	26.0	33	15.15	24.0	57	-11.22	21.0	81	-4.59	19.0
10	7.19	25.0	34	7.14	25.0	58	-6.85	22.0	82	-6.35	19.0
11	11.03	24.0	35	9.15	23.0	59	-13.89	20.0	83	-4.52	19.0
12	35.11	27.0	36	18.46	23.0	60	-9.44	20.0	84	-18.26	19.0
13	36.11	27.0	37	0.91	22.0	61	0.0	21.0	85	-10.79	18.0
14	15.07	25.0	38	0.34	22.0	62	-6.67	21.0	86	-5.44	19.0
15	11.12	26.0	39	-1.07	21.0	63	-3.68	20.0	87	-6.22	20.0
16	9.62	27.0	40	-0.56	21.0	64	-3.26	19.0	88	-2.38	19.0
17	11.53	26.0	41	2.98	20.0	65	-3.99	20.0	89	1.22	19.0
18	22.59	26.0	42	2.47	20.0	66	-4.70	20.0	90	-0.43	20.0
19	8.51	26.0	43	7.69	21.0	67	-5.58	19.0	91	-7.41	19.0
20	0.0	26.0	44	-1.38	21.0	68	-3.85	17.0	92	0.0	19.0
21	2.23	25.0	45	-1.83	21.0	69	-7.32	19.0	93	-5.46	20.0
22	4.92	26.0	46	-4.48	21.0	70	-0.54	20.0	94	-6.66	20.0
23	-2.65	25.0	47	-7.79	22.0	71	-5.83	20.0	95	-9.29	19.0