Data Summary of NOAA's Hurricane Inner-core Radial Leg Flight Penetrations 1957-1967, and 1969

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ABSTRACT

Observational information from approximately 100 aircraft flight missions (533 radial legs) flown into and out of twenty-two hurricanes on forty-one storm days over a twelve year period (1957-1967, 1969) by aircraft of the NOAA's Research Flight Facility is presented for general reference of those who have a need or interest in inner hurricane information. Most flight missions were made between the 900 and 500 mb levels. 41 missions are available in the upper troposphere. A list of previous research papers on this flight information is also given.

I. INTRODUCTION

The following hurricane and tropical cyclone National Oceanic and Atmospheric Administration (NOAA) aircraft inner core (center to radius of 100-120 km) gathered meteorological data listings have been compiled for general reference information of those who have a need or interest in inner hurricane information. Many millions of dollars has been expended by NOAA in the gathering and processing of this special meteorological data. This information ought to be made available to the meteorological community as a whole.

This data set represents most of the processed inner core National Hurricane Research Laboratory (RFF) radial leg flight missions into tropical cyclones during the decade of 1957 to 1966. Some additional data for hurricane Beulah (1967) and Debbie (1969) is also included. The other approximately two-thirds of the RFF tropical cyclone flights data during this period have not yet been processed or are unavailable in final processed form. Some of this latter unprocessed information is of less or margiral quality. This data set is the best and most reliable of the flight information.

Data is portrayed along individual radial flight legs in 2½ nautical mile (n.mi.) intervals from 5 to 50 n.mi. radius. Typically, 4 to 6 radial legs were generally flown at one level into and out of a tropical cyclone during a 4-8 hour period. These radial legs are separately listed and have been vortex averaged for each flight mission.

History. The National Hurricane Research Project (NHRP) was established in the middle 1950's at the instigation of Congress following the devastating flooding caused by hurricane Carol in the Connecticut Valley in 1954. Dr. Robert Simpson (recent Director of the National Hurricane Center) was the driving force behind the initial organization and functioning of the NHRP as it was then called[1]. The first flights were accomplished in late 1956. Except for the year 1959 (during the change over from Air Force to civilian aircraft) an almost continuous monitoring of the hurricane by the Weather Bureau's (now NOAA's) Research Flight Facility (RFF) was accomplished in the decade from 1956 through 1966. From 1966-67 onward the interest of NOAA has steadily shifted to hurricane modification and the typical radial or cloverleaf flight patterns have been modified.

Character of Flight Missions. From 1957 through 1966 the majority of flight missions were flown into the hurricane eye and out again. This was repeated at individual flight levels four to six times with a rather even balance between the storm quadrants. Figures 1a-h show several typical flight patterns. Most of these flights in and out of the hurricane occurred at inner radii of less than 100 nautical miles (n.mi.). Voluminous data is available from the center to the 50-60 n.mi. radius. Beyond this radius the quantity of flight data drops off. A small sample of individual radial legs[2] from two different layers (900 to 700 mb and 700 to 500 mb) have been superimposed to illustrate this (See Figs. 2 and 3).

The data has been gathered by prop aircraft (B-50's from 1956 through 1958, and DC-6's from 1960 to the present). This has restricted operations to below the 500 mb level. Also, due to safety restrictions on low level flight missions most of the data was taken above 900 mb. In this tropospheric range from 500 to 900 mb there have been approximately 700-800 radial legs flown. Of these, the processed reliable data at this time comes to 492 radial legs.

Upper tropospheric sampling was accomplished between the 180 and 260 mb levels by B-47 aircraft in 1957 and 1958 and by a B-57 after 1960. The number of B-57 flights has not been large

[1] In 1960 the name was changed to the National Hurricane Research Laboratory (NHRL).

[2] A radial leg is the portion of the plane's flight pattern during which the plane was flying directly into or out of the storm cneter. For example, the flight pattern shown in Fig. 1a has six radial legs.

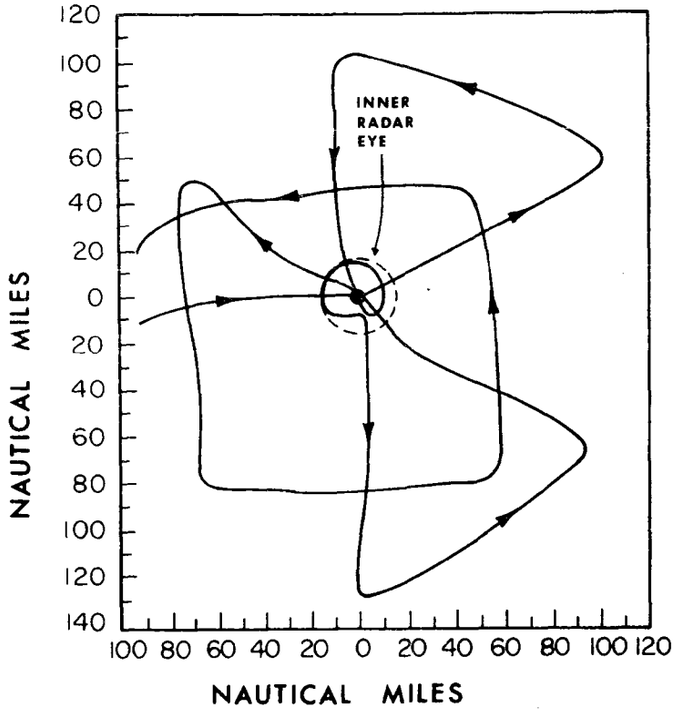

Fig. 1a. Cleo 18 Aug. 1958, 560 mb.

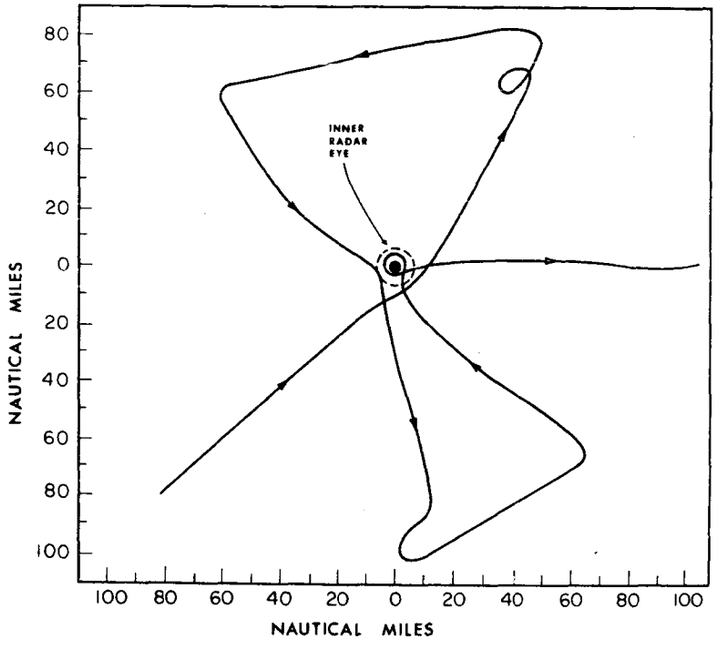

Fig. 1b. Daisy 27 Aug. 1958, 620 mb.

Figs. 1a-h. Typical flight patterns.

because of range and instrumental difficulties. For this reason there are only 11 evaluated upper level missions (41 radial legs). Combining upper and lower levels there are 533 radial legs.

Character of the Measurements

Winds and Pressure. The perfection of the Doppler navigation instrument in the mid-1950's and the simultaneous measurement of pressure and absolute altitude (possible over water where terrain features do not interfere) have allowed accurate wind and D-value[3] measurements down to the cumulus scales of motion.

[3]The D-value is the difference between the absolute altitude and the pressure altitude.

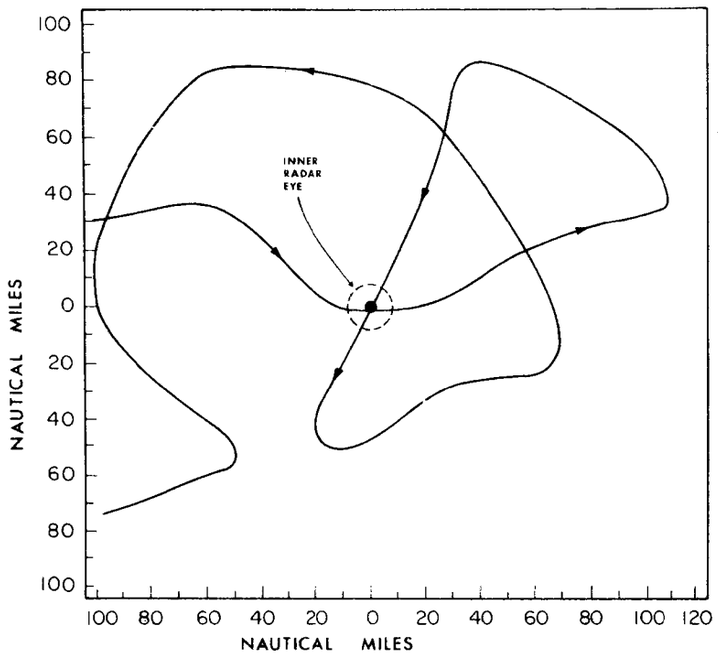

Fig. 1c. Helene 26 Sept. 1958, 250 mb.

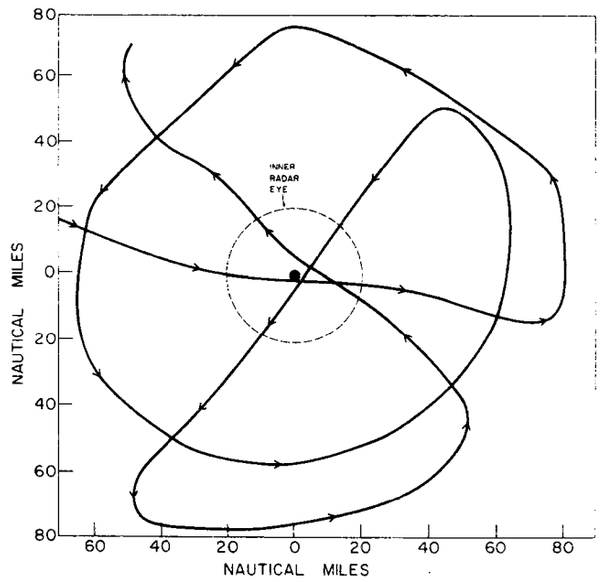

Fig. 1d. Carla 10 Sept. 1961, 600 mb.

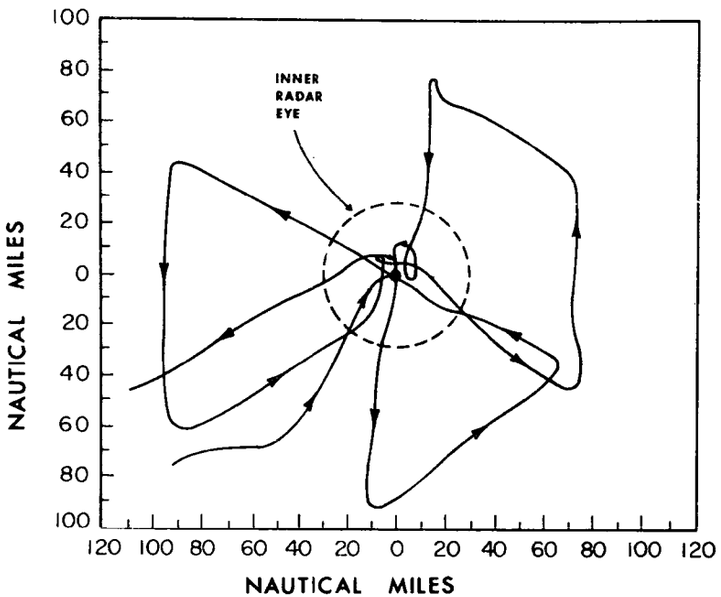

Fig. 1e. Ella 19 Oct. 1962, 900 mb.

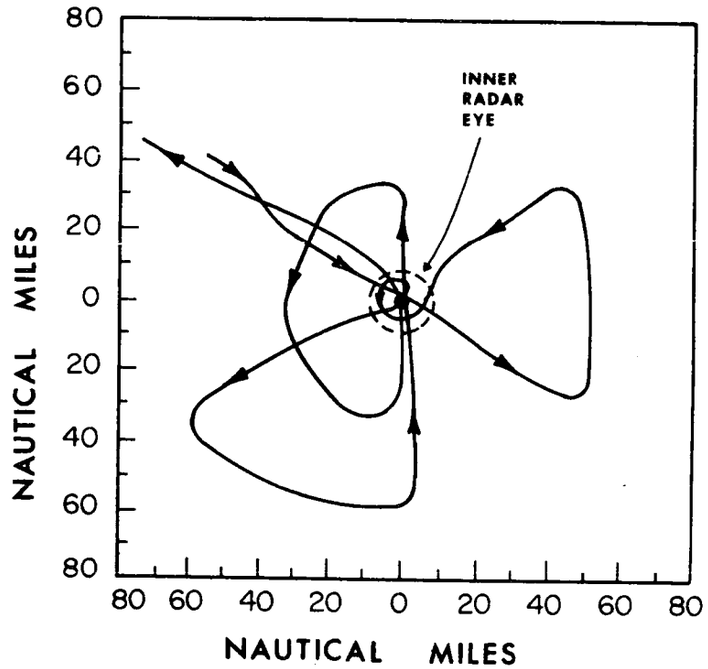

Fig. 1f. Hilda 10 Oct. 1964, 500 mb.

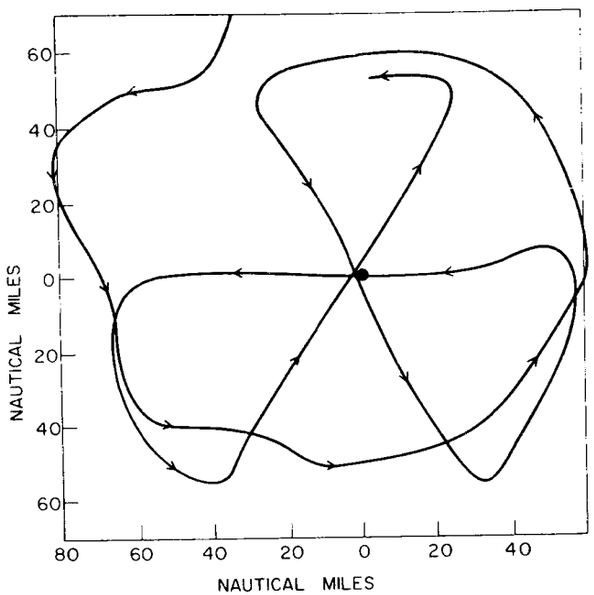

Fig. 1g. Betsy 3 Sept. 1965, 500 mb.

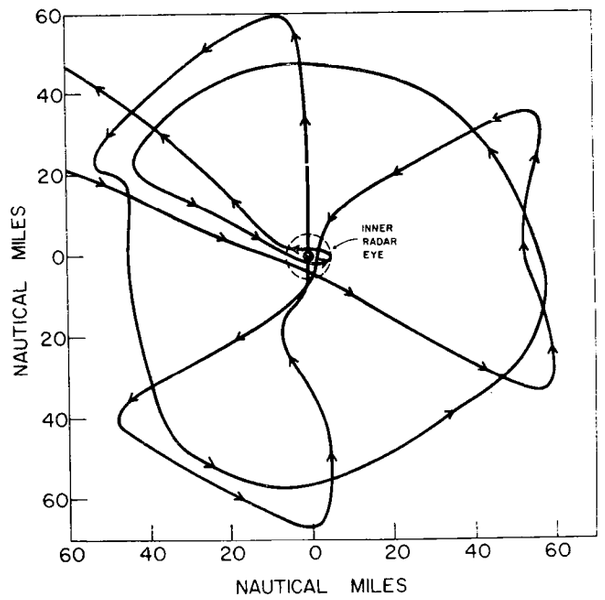

Fig. 1h. Inez 27 Oct. 1966, 750 mb.

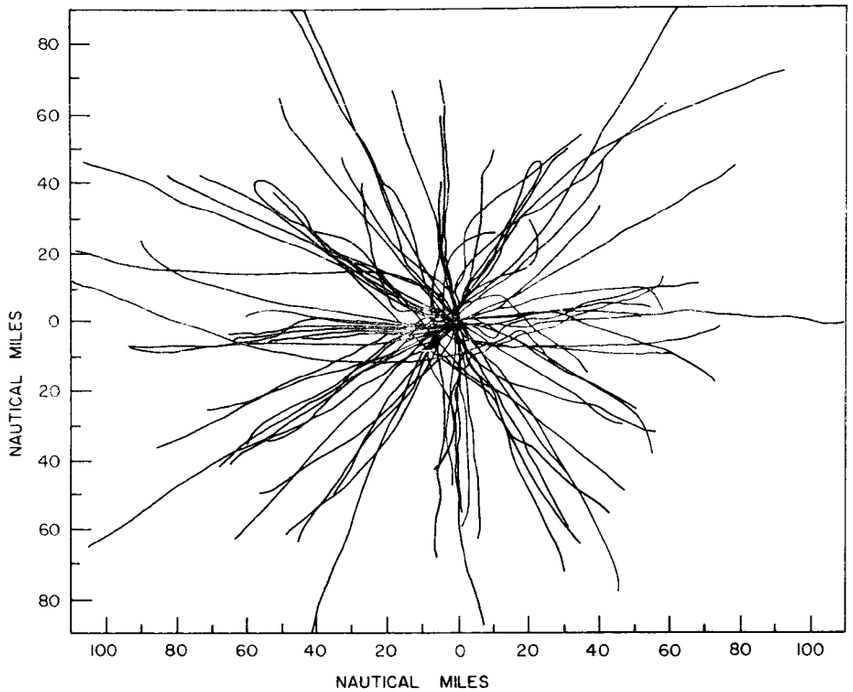

Fig. 2. Small sample of superimposed individual radial legs for the 900-700 mb layer.

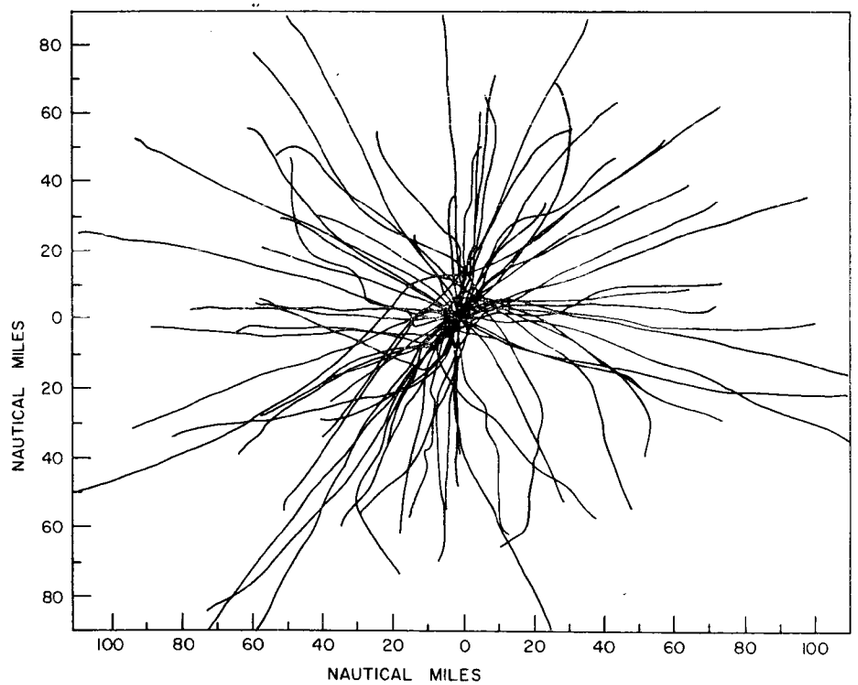

Fig. 3. Same as Fig. 2 except for the 700-500 mb layer.

Doppler wind measurements are much more reliable in high wind conditions where the noise to signal ratio is much smaller than in weak wind conditions. The general validity of these Doppler determined winds has been demonstrated on many occassions when navigation errors after many hours of flight proved to be but a few nautical miles.

Temperature. The vortex temperature measurements have shown a very strong reliability. It is possible to obtain an independent check on the observed inward radial temperature gradients by measurement of the pressure level thickness changes when simultaneous double level missions were flown. When compared the hydrostatically calculated temperature gradients and the directly measured temperature gradients proved to be quite close.

Processing of Data. Only in the last few years has this complete set of processed and checked flight data become

available. The data reducing, cross checking, navigation corrections, hydrostatic consistency checks, etc., that had to be made have required a rather lengthy and painstaking evaluation procedure. This large data sample is now available for close scrutiny.

II. DATA COLLECTION AND ACCURACY

Discussions of the instruments and aircraft used to obtain the meteorological data of this study have been made by Hilleary and Christensen (1957), Hawkins, et al. (1962), Gray (1962, 1965a, 1965b, 1966, 1967), Gentry (1964), Reber and Friedman (1964) and Friedman et al. (1969a, 1969b). For detailed descriptions of the instruments and the character of the data collected the reader is referred to these reports.

After a flight into a storm has been completed, the raw data is composited with respect to the moving storm center by computer. This data is processed and the computer prints out the plane's distance from the storm center, the actual tangential wind (VAT), the actual radial wind (VAR), the relative tangential wind (VRT), the relative radial wind (VRR), and the D-value (D) and the adjusted temperature (TADJ) at that radius. The actual winds include the effects of storm motion whereas the relative winds have had the storm motion subtracted from the data. The adjusted temperature is the observed temperature adjusted to a constant pressure surface using typical hurricane lapse rates.

This data summary does not include humidity measurements. Nevertheless, an estimate of the effect a virtual temperature correction would have on observed temperatures and temperature gradients has been made and discussed in papers by Shea and Gray (1973), and a larger project report by Shea (1972). This data is unique in that simultaneous wind, temperature and pressure measurements are available down to the cumulus scale. Over land, where terrain features obscure D-value measurements, this is not

possible. The simultaneous pressure and wind measurements allow examination of radial wind and pressure balances. Where double level flights were made, an examination of the vertical wind shears and cylindrical thermal wind balances can be made.

Data Errors. In general, the final processed data is quite reliable. Two non-instrument factors can contribute to errors in the wind resports, however. These are (1) positioning of the aircraft relative to the storm center and (2) water motion under the aircraft.

The positioning of the aircraft is quite important. Hawkins and Rubsam (op.cit.) have discussed the sensitivity of the radial winds to the aircraft's position to the storm center. They note that even small changes in position can result in significant changes in the radial winds. Thus, along individual radial legs the radial winds are believed to be only marginally acceptable and in a number of cases are not reliable and should not be used in a qualitative sense. If center positioning and other errors are random, however, a large radial wind data sample should be generally reliable.

The AN/APN-82 Doppler Navigation system was used to determine the motion of the aircraft relative to the ocean. The wind speed is obtained from the vector difference between the true airspeed and the aircraft motion relative to the ocean. Because the aircraft measurements were made over the ocean which moves under wind stress, the Doppler winds have been suspected of underestimating the true wind speeds by 5-10 percent [Grocott (1963), Gray (1967)] and upwards to 20% by Black et al. (1967). The observational evidence of the listed research papers by Gray and Shea support the former estimates of only 6-7% water motion.

Temperatures are measured with a vortex thermometer which requires no dynamic correction. Comparison of the observed vortex temperature gradients with those calculated from flight D-value thickness gradients (using the hydrostatic equation) show a strikingly close similarity. For this reason the radial temperature gradients and D-value gradients are felt to be quite accurate (See report by Shea, 1972).

Data Available. All the fully processed and checked reconnaissance data from the hurricane flights of 1957 to 1969 has been gathered. Table 1 lists the twenty-two hurricanes, the forty-one storm days, the number of radial legs (total-533), the pressure levels at which the data was collected, the maximum actual winds at flight levels, the central pressures, etc., for the storms used in this study. Hurricane Hannah's data of 1959 was obtained by Air Force research planes.

Besides the information listed in Table 1 several other types of information are portrayed. These include time interval during which the data was obtained, the ground track of the aircraft, the octant in which the aircraft was flying both with respect to (w.r.t.) geographic north and w.r.t. storm motion, and whether the plane was flying towards or away from the storm center. This allowed investigation of the data to see if individual parameters exhibited any systematic differences between data gathered by inward penetration as opposed to outward penetration of the eye wall. Results showed that there are no systematic differences. A sample listing of this information for an individual radial leg is listed before the data information.

Although the wind, pressure, and temperature data were recorded every few hundred meters, it was decided that the very small scale data fluctuations should be smoothed out. This was accomplished by printing out information from five to fifty nautical miles (n.mi.) from the storm center using a 2.5 n.mi. overlapping smoothing interval. This interval was felt to offer enough horizontal resolution for most purposes.

Contained in the data sample are twenty-two days on which simultaneous multilevel flights were made. In order to be very representative, each flight level was required to have at least four approximately equally spaced radial legs and the data at each level had to be taken within a reasonable time interval of each other i.e., 5-6 hours. This greatly reduces the number of usable double level flights. These double level flights are listed in Table 2. Examination of these flights can be used as a check of the vertical wind shears and the degree of cylindrical thermal wind balance, and other features requiring knowledge of the vertical wind shear.

Distribution of Data. Figure 4 shows the manner in which the data is distributed in the vertical. The number of radial legs at each level and the pressure level which the data best represents is indicated. Using this information a five level mean asymmetric storm can be constructed. Figure 5 shows the distribution of radial legs by octant. Several of the octants contained only a few radial legs. In order to increase the amount of data in each octant it was decided that the individual octant data at each level should be combined with the data in each adjacent octant. For example, in Fig. 5 the four radial legs in octant 1 of the 1500' to 5000' data would be combined with the radial leg data in octants 2 and 8 making a total of 22 octant radial legs. The data in octant 2 would be combined with the data in octants 1 and 3, etc. This overlapping technique will slightly underestimate the degree of asymmetry in the mean asymmetric storm, but should make the data more representative. This overlapping average of the data represents the smoothed data set.

Check on the Radial Temperature Gradients. The temperature and D-value data used in this report are considered to be quite reliable in the statistical average. In order to check this assertion, area weighted radial vortex temperature gradients were compared with temperature gradients calculated from flight D-value thickness gradients through use of the hydrostatic equation, thus

$$\Delta T_{cal} = \int_{RMW-10\ n.mi.}^{RMW+30\ n.mi.} \frac{\partial T}{\partial r}\, dr = \frac{g}{R} \ln \frac{P_1}{P_2}\ \Delta D_{obs}$$

and

$$\Delta T_{obs} = [\,\Delta T_{upper} + \Delta T_{lower}\,] / 2$$

TABLE 1

Storms, dates, levels, etc., used in this study. The letters following the inner radar eye are: A - approximate, WD - well defined, P - poor. Intensity change means D(Deepening), S(Steady), and F(Filling).

Storm No.	Date	Lat.	Motion Dir/Spd (Kts)	Intensity Change	Central Press. (mb)	Max. Wind (Kts)	(Rad of Max. Winds) n. mi.	Inner Radar Eye Radius n. mi.	Approx. Flight Level (mb)	No. of Radial Legs	Level No.	Page No.
1-Carrie	15 Sept 57	30	310/11	S	963	80	(22)	--	610	6	1	1
						84	(22)	--	525	4	2	3
						54	(35)	--	240	2	3	5
	17 Sept 57	35	65/8	S	978	84	(32)	25A	680	6	4	7
						42	(47)	25A	240	6	5	9
2-Cleo	18 Aug. 58	33	15/13	S	972	86	(22)	17	800	6	1	11
						82	(22)	17	560	6	2	13
						49	(50)	17	240	5	3	15
3-Daisy	27 Aug. 58	29	25/5	D	942	109	(10)	6	620	6	1	17
		"			943	69	(10)	6	250	4	2	19
	28 Aug. 58	33	0/17	F	950	101	(20)	--	620	6	3	21
4-Helene	25 Sept 58	29	335/6	D	982	76	(27)	15	800	6	1	23
	26 Sept 58	30	315/9	D	948	99	(25)	9	800	8	2	25
						97	(20	9	800	1	3	28
						119	(15)	9	560	5	4	30
						81	(12)	9	250	4	5	32
5-Hannah	01 Oct. 59	31	335/11	S	959	95	(20)	--	700	4	1	34
	02 Oct. 59	34	75/8	S	959	96	(22)	--	700	4	2	36
	04 Oct. 59	37	85/10	S	955	108	(30)	--	700	6	3	38
6-Donna	04 Sept 60	17	290/15	S	952	120	(12)	--	600	2	1	40
	07 Sept 60	22	270/9	S	935	129	(22)	10-13WD	760	4	2	42
						128	(15)	13WD	620	4	3	44
	09 Sept 60	23	305/10	S	930	131	(15)	--	800	2	4	46
7-Anna	21 July 61	13	280/16	S	983	98	(12)	--	700	9	1	48
8-Carla	08 Sept 61	23	300/6	D	964	98	(32)	31WD	850	4	1	51
						96	(35)	31WD	700	4	2	53
	09 Sept 61	24	310/8	D	948	109	(22)	21WD	850	4	3	55
						111	(17)	21WD	850	4	4	57
						94	(22)	22WD	700	4	5	59

(continued)

TABLE 1 (continued)

Storm No.	Date	Lat.	Motion Dir/Spd (Kts)	Intensity Change	Central Press. (mb)	Max. Wind (Kts)	(Rad of Max. Winds)	Inner Radar Eye Radius	Approx. Flight Level (mb)	No. of Radial Legs	Level No.	Page No.
	10 Sept 61	27	300/8	S	940	96	(20)	20A	600	6	6	61
	11 Sept 61	28	340/6	S	940	102	(15)	--	600	4	7	63
9-Esther	16 Sept 61	23	295/13	D	935	128	(12)	10A	800	8	1	65
						109	(12)	10A	470	9	2	68
						106	(12)	10A	470	5	3	71
	17 Sept 61	24	300/10	S	940	112	(10)	--	800	5	4	73
						108	(10)	--	800	2	5	75
						108	(10)	--	800	3	6	77
10-Ella	10 Oct. 62	31	65/8	D	966	102	(30)	30	900	8	1	79
						89	(40)	30	600	8	2	82
11-Beulah	23 Aug. 63	21	340/8	D	962	82	(17)	13	800	5	1	85
	24 Aug. 63	24	350/7	F	961	100	(25)	13A	800	10	2	87
						108	(20)	13A	520	13	3	90
12-Flora	03 Oct. 63	17	330/9	D	936	135	(8)	8-9	700	14	1	94
						122	(10)	8	650	12	2	98
	10 Oct. 63	28	50/25	S	970	117	(42)	25	700	12	3	101
						101	(50)	25	650	15	4	104
13-Cleo	23 Aug. 64	17	275/12		--	133	(7)	--	700	13	1	108
					--	126	(7)	--	650	16	2	112
14-Dora	05 Sept 64	24	320/10	D	966	98	(27)	8-15	700	7	1	116
					960	95	(25)	18	600	6	2	119
	07 Sept 64	28	285/10	S	963	75	(25)	14	700	6	3	121
					960	89	(50)	14	700	8	4	123
					960	88	(25)	14	650	16	5	126
	08 Sept 64	29	285/12	S	963	88	(35)	17P	700	4	6	130
					962	82	(40)	14	650	2	7	132
	09 Sept 64		280/10	S	965	82	(42)	25A	860	5	8	134
						80	(35)	25A	700	6	9	136
						69	(30)	25A	600	2	10	138
15-Gladys	17 Sept 64	24	300/9	S	954	111	(12)	13	900	6	1	140
					950	102	(15)	13	700	4	2	142
					945	107	(15)	13	700	2	3	144
			300/10		945	105	(15)	13	560	4	4	146

(continued)

TABLE 1 (continued)

Storm No.	Date	Lat.	Motion Dir/Spd (Kts)	Intensity Change	Central Press. (mb)	Max. Wind (Kts)	(Rad of Max. Winds)	Inner Radar Eye Radius	Approx. Flight level (mb)	No. of Radial Legs	Level No.	Page No.
16-Hilda	01 Oct. 64	24	310/5	D	950	110	(12)	10	900	4	1	148
					947	109	(12)	7-9	750	5	2	150
					950	90	(15)	7	650	4	3	152
						90	(12)	9	500	7	4	154
		24	310/5			47	(15)	9	180	2	5	157
	02 Oct. 64	26	0/5	F	956	103	(20)	9	900	4	6	159
						89	(35)	9	700	2	7	159
						93	(40)	9	650	4	8	163
						50	(27)	9	200	2	9	165
17-Isbell	14 Oct. 64	24	35/11	S	970	108	(10)	13	850	6	1	167
						102	(12)	13	700	7	2	169
						87	(20)	13	570	1	3	177
18-Betsy	03 Sept 65	25	315/10	S	952	98	(22)	13-28	750	6	1	174
						100	(25)	10-15	650	6	2	176
						91	(17)	10	500	6	3	178
						56	(37)	10	200	4	4	180
	05 Sept 65	29	180/3	F	973	93	(37)	28	900	2	5	182
					968	75	(40)	10	800	2	6	184
		25				72	(37)	10	650	2	7	186
		29			970	57	(22)	10	500	4	8	188
						47	(42)	10	200	4	9	190
19-Inez	27 Sept 66	16	275/10	D	962	108	(5)	5	750	6	1	192
						104	(7)	5	650	6	2	194
					971	74	(12)	5	500	6	3	196
					962	46	(25)	5	200	4	4	198
20-Inez	28 Sept 66	17	275/12	D	934	142	(5)	4	950	6	1	200
					928	150	(7)	7	750	6	2	202
					934	126	(7)	4	650	6	3	204
			275/14		930	137	(7)	7	500	5	4	206
					934	67	(15)	7	200	4	5	208
21-Beulah	18 Sept 67	22	295/11	D	967	78	(12)	7	950	4	1	210
						80	(20)	7	850	4	2	212
22-Debbie	18 Aug. 69	24	300/1	S	971	93	(22)	--	650	4	1	214
	20 Aug 69	25	305/11	S	950	99	(22)	--	650	4	2	216
					954	99	(12)	--	650	4	3	218

TABLE 2

Storms, dates and flight levels for the 20 storm days on which multilevel flight missions were made.

Storm	Date	Approximate Flight Levels (mb)
Carrie	15 Sept 1957	610, 525
	17 Sept 1957	680, 240
Cleo	18 Aug 1958	800, 560, 240
Daisy	27 Aug 1958	620, 250
Helene	26 Sept 1958	800, 560, 250
Donna	7 Sept 1960	760, 620
Carla	8 Sept 1961	850, 700
	9 Sept 1961	850, 700
Beulah	24 Sept 1963	800, 520
Flora	3 Oct 1963	700, 650
	10 Oct 1963	700, 650
Dora	5 Sept 1964	700, 600
	9 Sept 1964	860, 600
Gladys	17 Sept 1964	900, 700, 560
Hilda	1 Oct 1964	750, 650, 500
Isbell	14 Oct 1964	850, 700
Betsy	3 Sept 1965	750, 650, 200
	5 Sept 1965	500, 200
Inez	27 Sept 1966	750, 650, 500, 200
Beulah	18 Sept 1967	950, 850

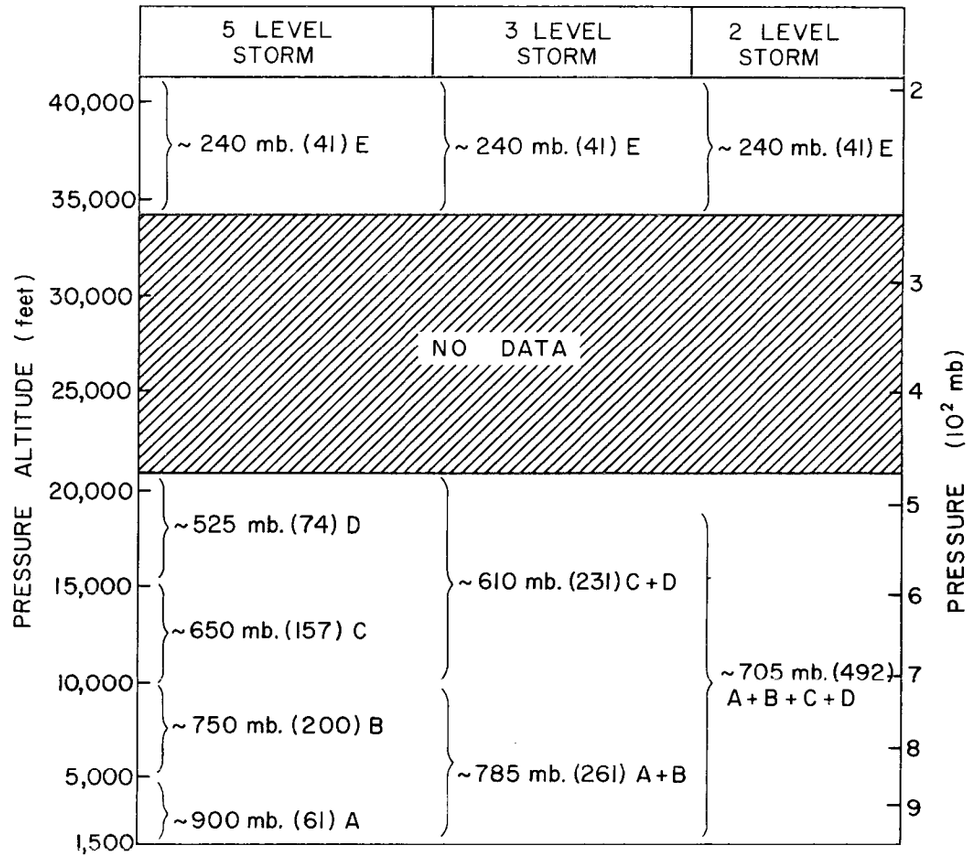

Fig. 4. Distribution of radial leg data in the vertical. The number in parenthesis is the number of radial legs between the pressure layers indicated. The center of these layers are indicated.

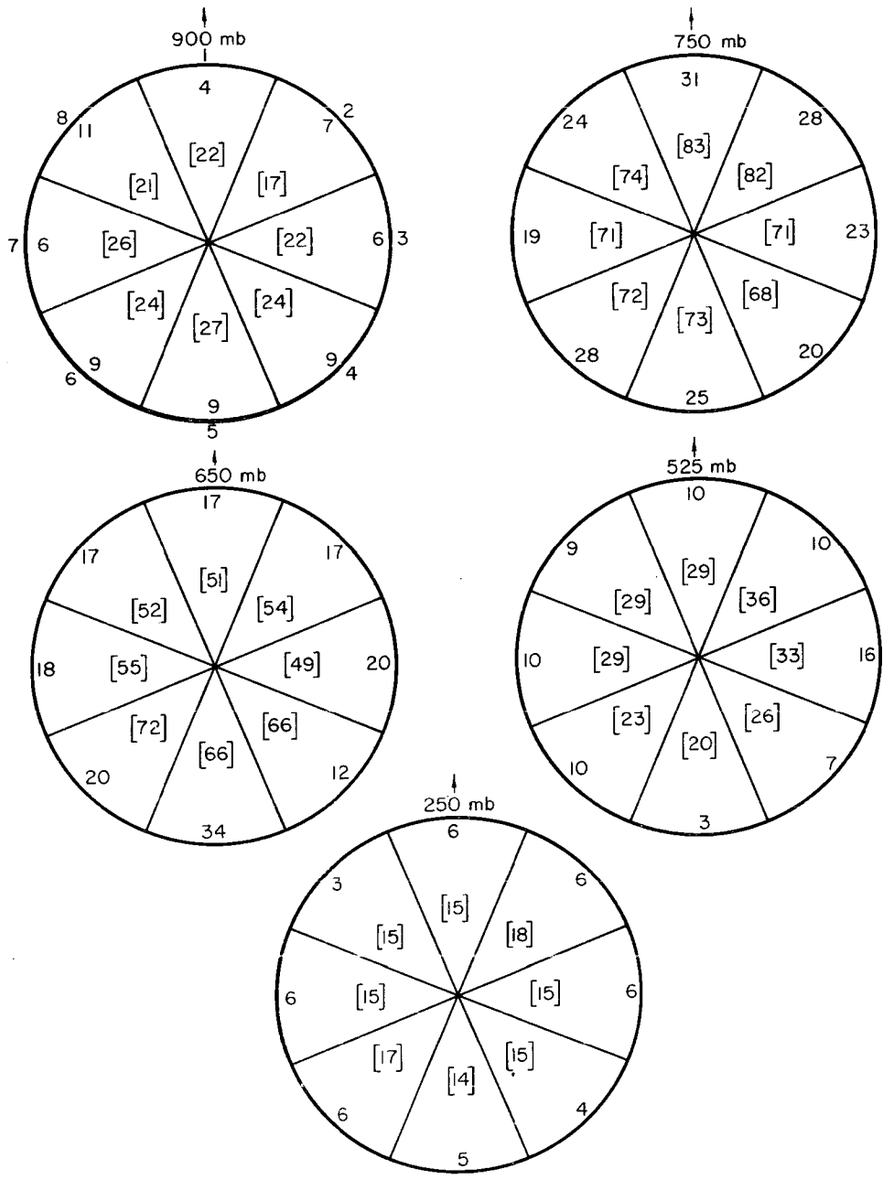

Fig. 5. Distribution of radial legs by octant. The number without brackets represents the raw number of radial legs in each octant for each level. The number with brackets represents the overlapping average where radial legs in the surrounding two octants has been included.

where ΔT_{cal} is the calculated radial temperature gradient

ΔD_{obs} is the observed radial thickness gradient between levels 1 and 2

P_1, P_2 is the upper and lower pressure levels

g is the acceleration of gravity

R is the gas constant

ΔT_{obs} is the mean observed radial temperature gradient

ΔT_{upper} is the observed radial temperature gradient in the upper pressure level

ΔT_{lower} is the observed radial temperature gradient in the lower pressure level.

The calculations were performed on all the double level flights which occurred exclusively in the lower half of the troposphere. The composited results are shown in Fig. 6. It is obvious that, in the mean, the calculated and observed radial temperature gradients are quite close. For more discussion see the paper of Shea (1972).

IN-OUT Stratification. A few researchers (e.g., Colón, 1964) have asked how individual parameters (temperature, D-values radial winds) might vary as data is gathered by inward (IN) plane penetration as opposed to outward (OUT) plane penetration of the inner core area. In order to investigate this, each radial leg was classified as to whether the plane was flying IN or OUT. In this statistical average no systematic differences are noted in any of the parameter profiles. The temperature and D-value gradients for the IN and OUT legs are remarkably similar. The

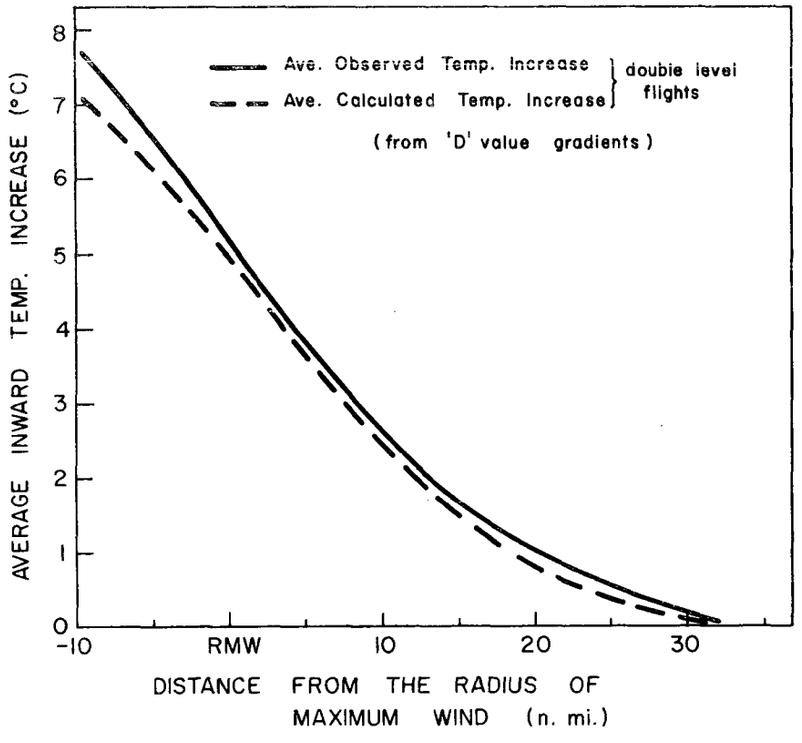

Fig. 6. Composited observed and calculated temperature gradients. Temperature increases were measured from 30 n.mi. outside the Radius of Maximum Winds (RMW) to 10 n.mi. inside the RMW.

radial wind profiles differ but not in any consistent fashion.

All radial leg data has been plotted out and inspected for consistency. Any unrepresentative appearing data has been disregarded. In general, only a small portion of the data had to be rejected. Much of this radial leg plotting of data was accomplished by NOAA personnel in Miami. See the report by Shea (1972) for more discussion of this flight data.

Inner-Core Variability. There is a very large variability in the inner-core maximum wind speeds and central pressures. The relationship between high maximum wind speed, small eye wall radius and low central pressure is only statistical. A very wide spread exists in individual cases.

Figure 7 presents information on the variation of the Radius of Maximum Wind (RMW) with latitude for the lower tropospheric data, i.e. 500-900 mb flight legs. Although there is large variability at individual latitudes, there is a pronounced shift in tendency toward larger RMW's at high latitudes. Weakening storms are typically accompanied by a widening of the eye.

In order to determine if a correlation exists between the Radius of Maximum Winds (RMW) and the maximum winds, Figs. 8 and 9 were prepared. Again at both levels we note large variability. Nonetheless, a definite pattern exists with higher wind speeds occurring at radii closer to the storm center. In intense storms the low level inflow penetrates closer to the center. Angular momentum considerations would require higher wind speeds.

Figure 10 shows the number of occurrences and frequency of the RMW's for all radial legs in the lower half of the troposphere. The mean maximum wind for each radii is shown at the top of each radii band. In most instances, the radius of maximum wind is inside 30 n. mi. As noted above, the highest wind speeds occur at radii close to the storm center.

Figure 11 presents a scatter diagram of maximum wind speed versus central pressure. As expected in the statistical average surface pressure is inversely correlated with wind speed. There is, however, a large variability in maximum winds for various central pressures. Central pressure gives only a rough approximation to storm intensity. Figure 12 illustrates some of the variations of radial tangential wind profiles.

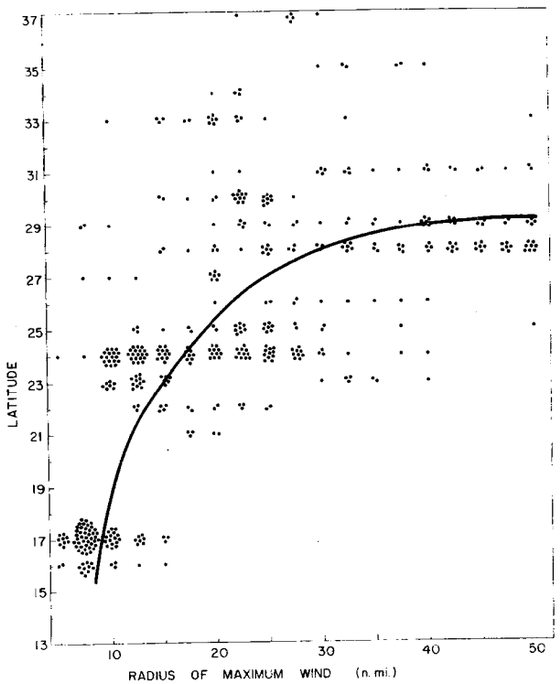

Fig. 7. Variation of the Radius of Maximum Wind (RMW) with latitude for all lower tropospheric data. The best fit curve is indicated by the heavy line.

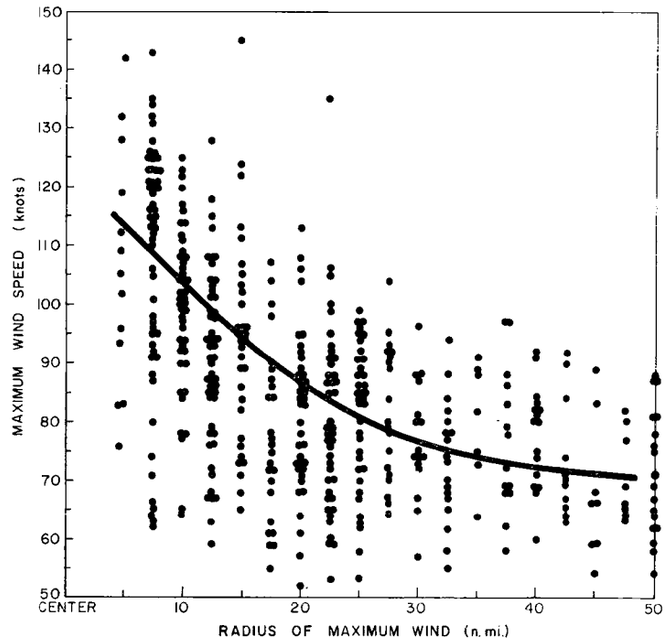

Fig. 8. Variation of maximum wind with RMW for lower tropospheric data. The best fit curve is indicated by the heavy line.

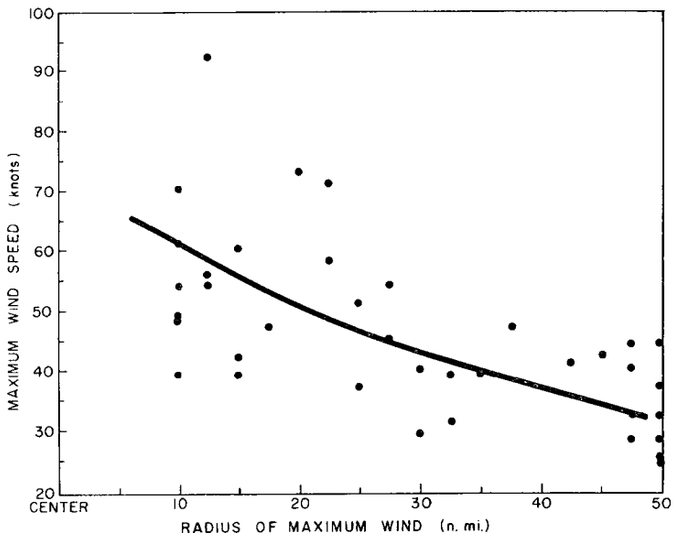

Fig. 9. Same as Fig. 8 except for upper tropospheric data.

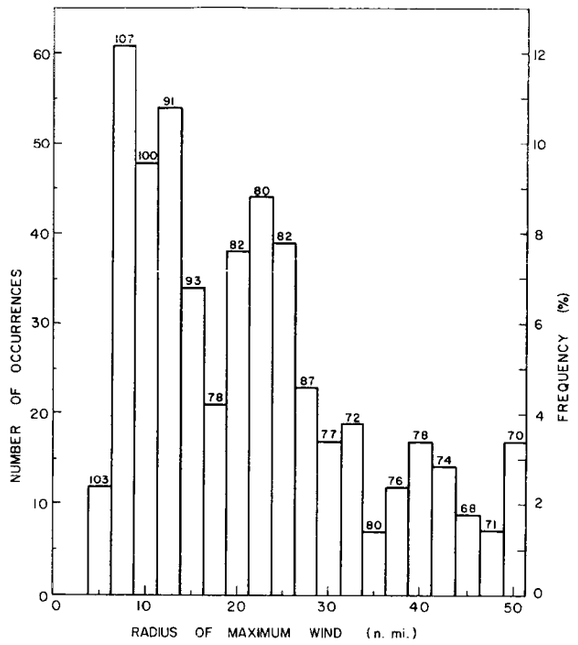

Fig. 10. Frequency distribution of the occurrence of the maximum wind at various radii. The mean maximum wind (in kts) at each radii is indicated at the top of each radii band.

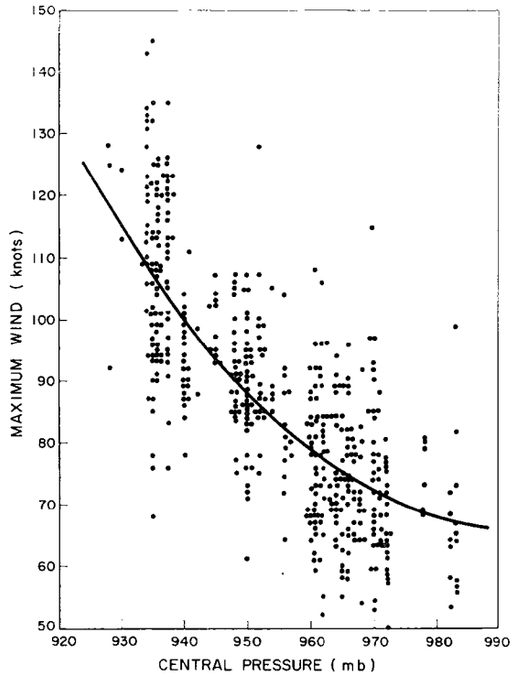

Fig. 11. Variation of the maximum wind with central pressure for all lower tropospheric data. The best fit curve is indicated by the heavy line.

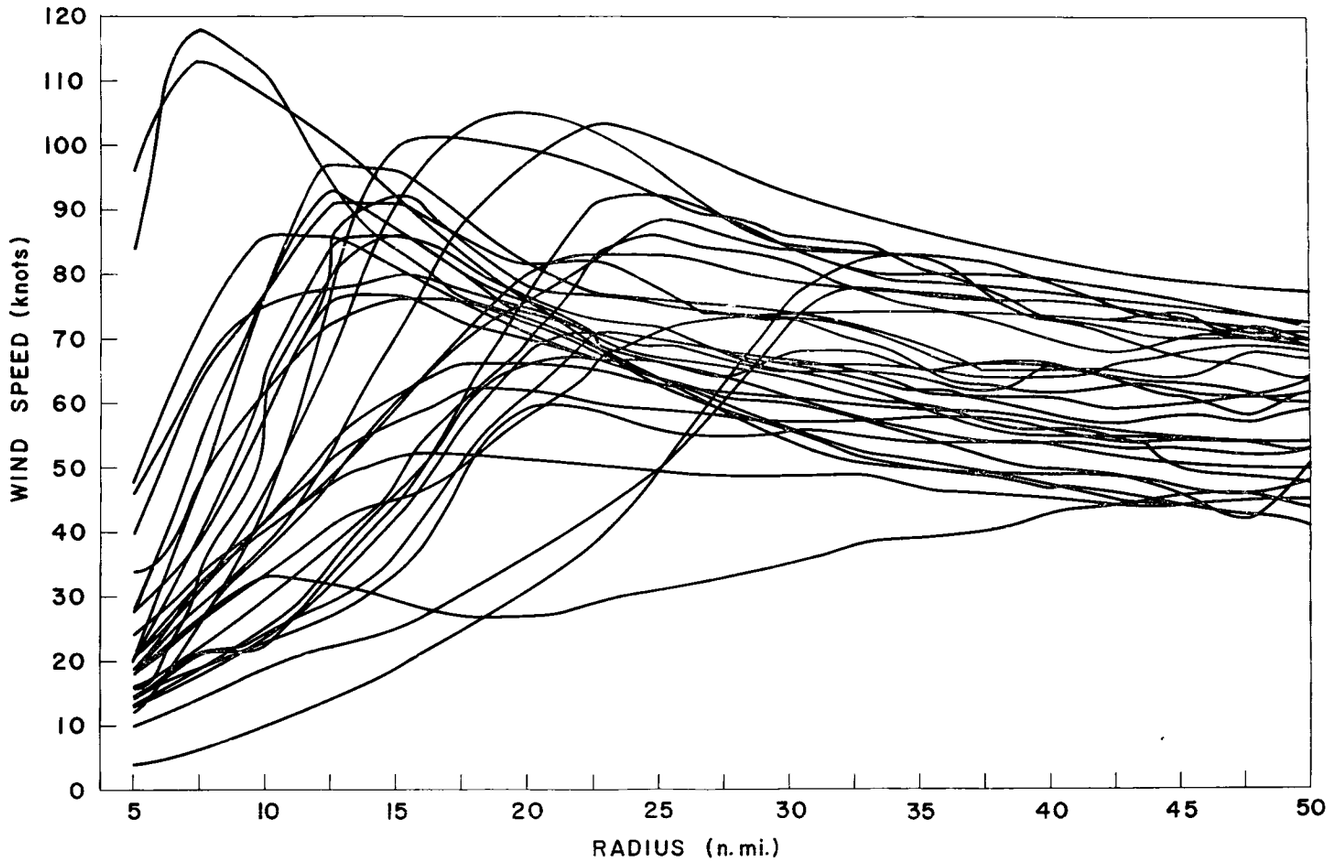

Fig. 12. Sample of observed tangential wind profiles.

Discussion. A number of conclusions are emerging from these research missions:

1) although the general structure and dynamics of the typical hurricane can be well specified by the flight data, large differences (in motion, radius of maximum winds, eye wall convection, asymmetry, etc.) exist between the separate storms. The individual hurricane at separate time intervals typically has a complicated structure and dynamic character which is often substantially different from the mean hurricane circulation.

2) the hurricane flight data, overall, appears to be of high quality. The observational quality cannot, however, be well judged by those who have worked only with some portions of data. Because the strucuture of each storm can be so different from the average, one must work with many of the storms and make many instrumental and dynamical consistency checks, etc. before the data's limitations can be ascertained.

3) there appears to be much more meaningful research which can be accomplished with this hurricane flight data.

The following bibliography lists most of the research papers and reports which have been accomplished with the hurricane aircraft winds, heights, and temperature data. Also, included are the reports which discuss the aircraft instrumentation.

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Special thanks are to be given to Peggy Hermann, Barbara Brumit, and Larry Kovacic who offered considerable assistance in the data processing and presentation at Colorado State University.

One must not forget the dedicated flight crews who flew into these storms to gather this data. The senior author would like to acknowledge the assistance he has received from many of them, particularly Howard Friedman and Howard Mason. The senior author has also been appreciative of the encouragement given him over the years for research on this flight data by Robert and Joanne Simpson.

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APPENDIX I - INFORMATION ON DATA PORTRAYAL

Sample of Radial Leg Data Display

Figure 14 shows a sample radial leg data printout. The code explanations are:

STORM	- name of the storm
DATE	- date on which the data was obtained (yr./ mo./ day)
ZLVL	- plane's pressure altitude (feet)
PLVL	- plane's pressure altitude (mb)
TIME INTERVAL	- time interval over which the data was taken in GMT
I-O	- denotes whether the plane was flying (I) toward the center or out (O) from the center of the storm.
LAT - LONG	- latitude and longitude of the storm center
DIR	- storm direction in degrees
SPD	- storm speed (knots)
TH	- plane's true heading (approximate) in degrees
QN	- octant of the storm in which the plane was flying w.r.t. geographic north
QSTM	- octant of the storm in which the plane was flying w.r.t. storm motion. 1-plane is in front octant; 3-plane is in the octant which is at a right angle to storm motion, etc., (See Fig. 13.
ARL	- azimuth angle of the radial leg (approximate) relative to the direction true north
ID	- arbitrary identification number assigned to each radial leg
RDR EYE RADIUS	- inner radar eye radius (n.mi.); the letter following the number indicate whether the radar eye radius is approximate (A), well defined (WD), poorly defined (P)
CENT PRES	- storm's approximate central pressure (mb)
VATX	- maximum actual tangential wind
RMW	- radius at which the maximum winds occur
VRTX	- maximum relative tangential wind
RADIUS	- distance from storm center (n.mi.)
VAT	- actual tangential velocity (knots)
VAR	- actual radial velocity (knots)
VRT	- relative tangential velocity (knots)
VRR	- relative radial velocity (knots)
D-VALUES	- D-values (feet)
TADJ	- adjusted temperature (no virtual temperature correction)

Unsmoothed Weighted Vortex Averages. This consists of all the available individual radial legs of one flight level averaged together. Individual flight legs have been weighted by the distance between surrounding legs. Closely spaced flight legs carry less weight and widely spaced radial legs more weight. The weighting is directly related to the radial spacing.

VAT 2 - area weighted average of the square of the individual tangential winds along each leg.

Smoothed Vortex Average. Overlapping average of the individual radial leg data where each radial leg is averaged together with the radial legs on either side of it, (as discussed and shown in Fig. 5).

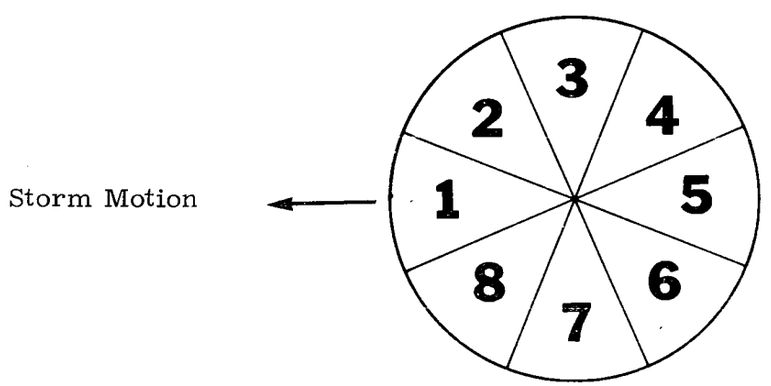

Fig.13. Code numbers which indicate the octant which the plane was flying. The arrow indicates storm motion.

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660928	8090	763	2216-2235	I	17	66	275	12	350	S	7	170	214	7	928	144	7.5	131

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	116	-6	104	-6	-1790	16.0
7.5	144	-3	131	-4	-1330	15.7
10.0	124	-4	111	-6	-900	14.2
12.5	107	-8	94	-10	-670	13.4
15.0	105	1	92	-1	-490	13.0
17.5	92	2	79	-1	-370	12.8
20.0	83	3	70	0	-300	12.7
22.5	84	5	71	2	-210	12.7
25.0	79	0	66	-3	-150	12.6
27.5	75	1	63	-2	-110	12.2
30.0	68	-1	55	-4	-70	11.7
32.5	67	5	53	2	-20	11.8
35.0	58	-1	45	-3	-10	11.5
37.5	62	0	49	-3	40	11.7
40.0	62	1	49	-2	40	11.7
42.5	65	4	52	1	90	11.9
45.0	58	6	45	3	100	11.8
47.5	55	10	42	7	130	11.6
50.0	56	14	43	10	140	11.5

Fig. 14. Sample data printout for an individual leg.

STORM 1

LEVEL 1

PRES ALT TIME IN

STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN RDR CENT MAX WINDS RADIUS

SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/RFL /MAX WD/

CARRIE / 570915 / 14200 / 609 / 2156-2216 / 0 / 30 / 58 / 1 / 310 / 35 / NE / 3 / 35 / 0 / 963 / 80 / 70 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	14	-12	18	999	999	8.0
10.0	28	-10	22	-10	-460	8.8
12.5	44	-13	34	-13	-410	9.0
15.0	60	-15	46	-14	-350	7.6
17.5	70	-16	60	-16	-280	5.6
20.0	78	-14	68	-14	-230	3.7
22.5	80	-14	68	-14	-150	2.7
25.0	76	-12	65	-12	-80	2.6
27.5	74	-9	63	-8	-30	2.4
30.0	71	-7	60	-7	10	2.4
32.5	72	-6	61	-6	70	2.5
35.0	75	-4	63	-5	120	2.2
37.5	73	-7	66	-9	180	1.3
40.0	76	-6	64	-6	200	1.1
42.5	74	-4	61	-4	220	1.9
45.0	71	-5	59	-5	250	1.2
47.5	75	-3	62	-3	280	1.2
50.0	77	-9	65	-8	300	1.2

CARRIE / 570915 / 14200 / 609 / 2250-2312 / 0 / 30 / 58 / 3 / 11 / 310 / 125 / SE / 5 / 125 / 0 / 963 / 78 / 79 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	-11	23	-11	-440	7.7
7.5	26	-12	29	-12	-430	9.0
10.0	33	-10	35	-10	-410	7.7
12.5	36	-8	39	-9	-400	7.4
15.0	40	-10	42	-10	-370	7.5
17.5	55	-12	54	-12	-330	7.0
20.0	72	-14	73	-4	-330	5.3
22.5	78	-7	79	-7	-270	4.4
25.0	77	-10	78	-9	-200	3.9
27.5	74	-9	75	-9	-130	2.8
30.0	71	-6	72	-7	-80	2.4
32.5	69	-7	70	-9	30	2.7
35.0	66	-9	67	-9	30	2.5
37.5	64	-8	63	-8	80	2.7
40.0	62	-8	60	-8	120	3.0
42.5	72	10	72	7	160	3.9
45.0	75	11	75	11	190	3.6
47.5	74	3	74	3	220	.2
50.0	70	2	71	2	250	1.2

CARRIE / 570915 / 14200 / 609 / 2340- 11 / 0 / 30 / 59 / 5 / 11 / 310 / 290 / W / 8 / 280 / 0 / 963 / 63 / 73 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	0	2	10	2	-430	8.1
7.5	3	3	15	3	-430	8.2
10.0	13	9	22	9	-430	8.6
12.5	20	10	30	10	-420	8.9
15.0	30	10	40	10	-400	8.2
17.5	50	28	60	18	-370	6.4
20.0	60	17	70	18	-290	4.0
22.5	63	11	73	11	-230	1.8
25.0	60	14	70	14	-170	1.8
27.5	55	11	63	10	-110	1.6
30.0	57	10	64	10	-50	1.6
32.5	62	12	70	12	0	1.0
35.0	64	12	71	12	40	.3
37.5	64	12	71	12	100	1.6
40.0	62	12	68	13	130	2.0
42.5	63	18	68	18	160	2.5
45.0	69	10	76	10	180	1.0
47.5	64	7	71	7	220	-.4
50.0	64	7	71	7	250	-.4

CARRIE / 570915 / 14200 / 609 / 2313-2340 / 1 / 30 / 58 / 2 / 11 / 310 / 270 / E / 4 / 90 / 0 / 963 / 74 / 67 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	-2	11	-2	-400	7.0
7.5	22	-4	15	-5	-390	7.8
10.0	28	-6	22	-6	-360	7.9
12.5	37	-5	29	-5	-340	7.4
15.0	44	-5	39	-6	-320	5.8
17.5	52	-3	44	-4	-290	5.1
20.0	66	2	60	0	-250	4.2
22.5	70	-9	63	-8	-150	3.0
25.0	74	-6	67	-6	-90	2.5
27.5	73	-9	66	-9	-40	2.2
30.0	73	-8	66	-8	20	2.0
32.5	70	-7	64	-7	60	1.7
35.0	66	-3	59	-3	100	1.8
37.5	64	-3	57	-2	150	1.2
40.0	67	0	60	0	180	1.4
42.5	68	1	61	1	210	2.2
45.0	72	5	65	5	240	1.4
47.5	70	10	64	10	270	.7
50.0	65	9	60	8	290	.8

CARRIE / 570915 / 14200 / 609 / 2139-2155 / 1 / 30 / 59 / 4 / 11 / 310 / 60 / SW / 7 / 240 / 0 / 963 / 63 / 74 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	6	-13	18	-13	-430	7.5
10.0	7	-10	17	-11	-440	8.8
12.5	13	-3	25	-3	-420	9.0
15.0	32	5	43	4	-360	6.4
17.5	51	7	65	7	-300	4.0
20.0	62	8	73	8	-240	2.8
22.5	63	8	74	8	-200	2.0
25.0	56	9	70	9	-150	1.6
27.5	55	8	67	8	110	1.3
30.0	54	7	67	8	70	1.2
32.5	55	7	67	7	40	1.2
35.0	54	8	66	8	0	1.4
37.5	54	8	66	8	40	1.4
40.0	54	8	67	8	80	1.2
42.5	53	10	64	10	120	.6
45.0	55	12	66	12	160	1.2
47.5	56	13	67	13	190	0.0
50.0	56	11	66	11	220	-.5

CARRIE / 570915 / 14200 / 609 / 2232-2250 / 1 / 30 / 59 / 6 / 11 / 310 / 150 / NW / 1 / 330 / 0 / 963 / 74 / 70 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	0	5	0	-410	7.4
7.5	15	-1	14	-1	-390	7.3
10.0	24	0	21	0	-370	7.0
12.5	34	1	32	1	-340	5.5
15.0	40	3	36	2	-310	5.4
17.5	46	9	42	9	-270	4.8
20.0	72	4	68	4	-200	2.8
22.5	74	3	70	3	-140	2.2
25.0	70	4	65	4	-90	2.9
27.5	66	5	61	4	-50	2.7
30.0	65	6	59	6	-10	2.3
32.5	65	7	60	7	30	1.7
35.0	60	8	52	7	60	1.4
37.5	55	2	50	2	110	2.6
40.0	60	5	55	5	150	2.0
42.5	62	10	56	9	180	1.5
45.0	68	13	61	13	210	1.2
47.5	72	13	65	14	250	.4
50.0	69	0	64	11	230	.2

STORM 1
LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARRIE	570915	14200	609	2156-2216	0	30	58	310	11	35	NE	3	35	1	0	963	80	22.5	70
CARRIE	570915	14200	609	2313-2340	I	30	58	310	11	270	E	4	90	2	0	963	74	25.0	67
CARRIE	570915	14200	609	2250-2312	0	30	58	310	11	125	SE	5	125	3	0	963	78	22.5	79
CARRIE	570915	14200	609	2139-2155	I	30	58	310	11	60	SW	7	240	4	0	963	63	22.5	74
CARRIE	570915	14200	609	2340- 11	0	30	58	310	11	280	W	8	280	5	0	963	63	22.5	73
CARRIE	570915	14200	609	2232-2250	I	30	58	310	11	150	NW	1	330	6	0	963	74	22.5	70

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	9	-2	12	-2	-421	7.6	149
7.5	14	-7	18	-6	-409	7.8	278
10.0	22	-5	23	-5	-414	8.1	579
12.5	30	-3	31	-3	-391	7.9	1034
15.0	40	-2	41	-2	-352	6.8	1763
17.5	54	0	54	-0	-305	5.5	2995
20.0	68	-0	69	1	-258	3.8	4727
22.5	71	-1	71	-1	-194	2.7	5171
25.0	69	-0	69	-0	-134	2.6	4839
27.5	66	-0	66	-0	-35	2.2	4444
30.0	64	0	65	0	-5	2.0	4265
32.5	65	0	65	0	38	1.8	4274
35.0	63	1	63	1	53	1.7	4087
37.5	62	0	62	0	104	1.7	4028
40.0	62	1	62	1	138	1.8	4007
42.5	65	7	64	6	170	2.1	4285
45.0	67	7	67	7	201	1.7	4644
47.5	68	7	67	7	234	.3	4705
50.0	66	3	66	5	253	.4	4484

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	11	-2	14	-3	-417	7.7	212
7.5	15	-6	19	-5	-409	7.9	340
10.0	22	-5	24	-5	-409	8.0	633
12.5	30	-3	32	-4	-386	7.7	1116
15.0	41	-1	42	-2	-349	6.7	1909
17.5	54	-0	55	-0	-304	5.3	3157
20.0	65	-0	66	0	-253	3.9	4446
22.5	69	-0	69	-0	-194	3.0	4907
25.0	68	-0	68	-0	-124	2.6	4757
27.5	66	-0	66	-0	-49	2.2	4478
30.0	65	0	65	0	-5	2.0	4320
32.5	64	0	64	0	31	1.9	4239
35.0	63	1	63	0	60	1.8	4110
37.5	63	0	62	0	101	1.8	4043
40.0	63	2	62	2	137	1.9	4006
42.5	65	6	64	6	170	1.9	4325
45.0	67	7	66	7	202	1.4	4580
47.5	67	6	66	6	231	.6	4619
50.0	66	4	66	5	246	.5	4529

STORM 1
LEVEL 2

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN RDR EYERAD	PERCENT PRES	MAX WINDS ACTUAL	MAX WINDS REL	RADIUS MAX WD

/CARRIE / 570915 / 17600 / 525 / 1934-1943 / I / 30 / 58 / 7 /

/11 / 310 / 235 / NE / 3 / 55 / 0 / 963 / 82 / 77 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	23	-2	10	-2	-210	.9
7.5	32	-3	16	-3	-180	1.0
10.0	38	-3	24	-3	-160	1.0
12.5	39	-4	27	-5	-140	1.2
15.0	43	-8	31	-8	-110	.8
17.5	47	-10	38	-9	-60	.1
20.0	77	-16	69	-16	-20	-.3
22.5	82	-12	77	-12	30	-.5
25.0	75	-12	72	-12	90	-.7
27.5	71	-12	69	-12	120	-1.0
30.0	70	-7	68	-8	160	-1.5
32.5	71	-10	69	-10	210	-1.6
35.0	68	-14	66	999	999	999.0
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/CARRIE / 570915 / 17600 / 525 / 1853-1920 / I / 30 / 58 / 9 /

/11 / 310 / 85 / W / 8 / 265 / 0 / 963 / 57 / 67 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	1.0
10.0	999	-9	20	-9	-270	1.1
12.5	999	2	17	2	-240	.9
15.0	999	5	24	5	-220	.7
17.5	20	8	32	8	-190	.4
20.0	30	7	43	7	-140	.2
22.5	57	15	64	14	-80	-.1
25.0	56	8	67	9	-10	-1.9
27.5	55	13	67	13	30	-1.8
30.0	52	18	63	18	90	-.5
32.5	51	19	61	19	130	.4
35.0	51	19	62	19	190	.3
37.5	47	17	58	17	230	.1
40.0	45	16	55	17	250	0.0
42.5	52	20	61	21	270	-.5
45.0	48	23	59	23	290	-1.0
47.5	51	22	60	22	310	-1.6
50.0	52	24	61	24	350	-1.8

/CARRIE / 570915 / 17600 / 525 / 1921-1932 / O / 30 / 58 / 8 /

/11 / 310 / 70 / E / 4 / 70 / 0 / 963 / 84 / 80 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	1.0
10.0	24	-19	26	-19	-240	.8
12.5	32	-14	30	-14	-220	.8
15.0	37	-14	33	-15	-170	.6
17.5	41	-12	35	-13	-130	.2
20.0	75	-14	79	-15	-80	-.4
22.5	84	-22	75	-21	-10	1.6
25.0	78	-21	74	-21	30	-1.9
27.5	72	-15	69	-16	70	-2.0
30.0	74	-12	69	-12	110	-2.2
32.5	71	-12	68	-13	150	-2.1
35.0	66	-13	62	-13	180	-2.0
37.5	66	-11	62	-12	230	-2.3
40.0	64	-5	63	-7	290	-2.3
42.5	999	999	64	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/CARRIE / 570915 / 17600 / 525 / 1944-2012 / O / 30 / 58 / 10 /

/11 / 310 / 305 / NW / 1 / 295 / 0 / 963 / 78 / 78 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	2	16	5	15	-220	1.6
7.5	17	12	19	12	-200	1.7
10.0	25	11	26	12	-180	1.9
12.5	27	11	28	11	-150	2.4
15.0	40	10	40	10	-120	2.1
17.5	63	22	62	21	-90	.8
20.0	72	14	72	14	-60	0.0
22.5	78	10	78	10	-10	-1.3
25.0	68	12	66	12	40	-.4
27.5	65	10	67	11	100	-.2
30.0	61	7	62	7	140	.1
32.5	62	9	62	9	190	1.0
35.0	63	8	65	9	230	.9
37.5	64	7	67	8	270	.9
40.0	62	5	64	6	300	.9
42.5	66	10	69	9	330	.8
45.0	60	18	63	18	360	.9
47.5	62	23	68	23	390	1.0
50.0	68	20	73	21	420	.8

STORM 1
LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARRIE	570915	17600	525	1934-1943	I	30	58	310	11	235	NE	3	55	7	0	963	82	22.5	77
CARRIE	570915	17600	525	1921-1932	O	30	58	310	11	70	E	4	70	8	0	963	84	22.5	80
CARRIE	570915	17600	525	1853-1920	I	30	58	310	11	85	W	8	265	9	0	963	57	22.5	67
CARRIE	570915	17600	525	1944-2012	C	30	58	310	11	305	NW	1	295	10	0	963	78	22.5	78

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	12	7	7	6	-215	1.3	266
7.5	24	4	17	4	-190	1.1	656
10.0	27	-6	23	-6	-221	1.2	762
12.5	30	-1	24	-2	-196	1.2	975
15.0	39	-1	31	-2	-163	1.0	1569
17.5	40	1	40	1	-127	.4	1856
20.0	69	-1	64	-2	-83	-.1	4113
22.5	73	-1	72	-1	-24	-.9	5601
25.0	68	-3	69	-3	30	-1.4	4772
27.5	65	-0	67	-0	73	-1.4	4282
30.0	63	2	65	2	119	-1.1	4136
32.5	62	2	64	2	163	-.6	4029
35.0	61	1	63	2	194	-.6	3777
37.5	59	1	61	1	239	-.8	3625
40.0	57	3	60	3	279	-.8	3391
42.5	59	15	64	15	300	.2	3530
45.0	54	20	61	20	325	-.1	2952
47.5	56	22	64	22	350	-.3	3222
50.0	60	22	67	22	385	-.5	3664

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	6	10	5	-206	1.3	396
7.5	24	4	17	4	-189	1.1	686
10.0	26	-4	23	-4	-216	1.2	773
12.5	32	-2	26	-2	-193	1.2	1073
15.0	40	-1	32	-1	-162	.9	1772
17.5	44	0	44	-0	-125	.4	2292
20.0	59	-1	61	-1	-79	-.2	4030
22.5	69	-2	69	-2	-24	-.8	5001
25.0	67	-2	69	-2	27	-1.2	4707
27.5	66	-0	67	-0	73	-1.3	4352
30.0	63	1	65	1	118	-1.0	4163
32.5	62	1	64	1	160	-.7	3999
35.0	61	1	63	1	195	-.7	3813
37.5	59	2	61	2	238	-.8	3600
40.0	58	3	61	3	270	-.9	3534
42.5	56	15	63	15	299	.2	3285
45.0	55	19	62	19	324	-.1	3103
47.5	57	21	64	21	352	-.3	3303
50.0	59	21	66	22	374	-.4	3543

STORM 1
LEVEL 3

STORM	DATE	PRES ALT FEET	PRES ALT MB.	TIME INTERVAL	IN /OUT	LAT/LONG	ID

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH	AZMTH STM	IN RDR ANGLE	CENT EYERAD	MAX WINDS PRES	MAX WINDS ACTUAL	MAX WINDS REL	RADIUS MAX WD

/CARRIE / 570915 / 35000 / 240 / 1934-1953 / 1 / 30 / 58 / 11 /

/11 / 310 / 240 / NE / 4 / 60 / 0 / 963 / 54 / 40 / 35.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	17	3	11	4	999	-33.8
20.0	26	9	16	9	999	-34.2
22.5	33	12	20	12	999	-34.2
25.0	40	14	27	14	999	-35.0
27.5	47	13	33	13	999	-36.8
30.0	50	11	36	11	999	-37.0
32.5	53	9	39	9	999	-38.0
35.0	54	7	40	7	999	-38.4
37.5	54	5	40	5	999	-38.4
40.0	53	4	40	4	999	-38.6
42.5	52	4	39	4	999	-38.8
45.0	51	4	38	4	999	-38.8
47.5	50	5	37	6	999	-38.9
50.0	49	8	36	8	999	-39.0

/CARRIE / 570915 / 35000 / 240 / 1954-2009 / 0 / 30 / 58 / 12 /

/11 / 310 / 240 / W / 8 / 240 / 0 / 963 / 35 / 45 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	15	4	13	4	999	-33.8
20.0	16	3	18	3	999	-33.7
22.5	17	3	22	3	999	-33.6
25.0	20	4	27	4	999	-33.6
27.5	23	6	31	6	999	-33.6
30.0	26	7	34	7	999	-33.9
32.5	29	7	38	7	999	-34.2
35.0	30	7	40	7	999	-34.6
37.5	32	7	41	7	999	-35.2
40.0	33	8	42	7	999	-35.8
42.5	33	7	43	7	999	-36.5
45.0	34	7	44	7	999	-37.0
47.5	35	8	45	8	999	-37.2
50.0	35	10	45	10	999	-37.3

STORM 1

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARRIE	570915	35000	240	1934-1953	I	30	58	310	11	240	NE	4	60	11	0	963	54	35.0	40
CARRIE	570915	35000	240	1954-2009	O	30	58	310	11	240	W	8	240	12	0	963	35	47.5	45

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	999	999	999	999	999	999.0	999
7.5	999	999	999	999	999	999.0	999
10.0	999	999	999	999	999	999.0	999
12.5	999	999	999	999	999	999.0	999
15.0	999	999	999	999	999	999.0	999
17.5	16	3	12	4	999	-33.8	257
20.0	21	6	17	6	999	-34.0	466
22.5	25	7	21	7	999	-33.9	689
25.0	30	9	27	9	999	-34.3	1000
27.5	35	9	32	9	999	-35.2	1369
30.0	38	9	35	9	999	-35.5	1598
32.5	41	8	38	8	999	-36.1	1825
35.0	42	7	40	7	999	-36.5	1908
37.5	43	6	40	6	999	-36.8	1970
40.0	43	6	41	5	999	-37.2	1949
42.5	42	5	41	5	999	-37.6	1896
45.0	42	5	41	5	999	-37.9	1878
47.5	42	6	41	7	999	-38.0	1862
50.0	42	9	40	9	999	-38.1	1813

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	999	999	999	999	999	999.0	999
7.5	999	999	999	999	999	999.0	999
10.0	999	999	999	999	999	999.0	999
12.5	999	999	999	999	999	999.0	999
15.0	999	999	999	999	999	999.0	999
17.5	17	4	13	4	999	-33.8	326
20.0	21	5	17	6	999	-33.9	486
22.5	25	7	21	7	999	-34.0	716
25.0	30	8	26	8	999	-34.5	1021
27.5	34	9	31	9	999	-35.1	1336
30.0	37	8	34	8	999	-35.5	1584
32.5	40	7	37	7	999	-36.1	1785
35.0	41	6	39	6	999	-36.5	1892
37.5	42	6	40	6	999	-36.8	1945
40.0	42	5	40	5	999	-37.2	1934
42.5	42	5	40	5	999	-37.6	1901
45.0	42	5	40	5	999	-37.9	1880
47.5	42	6	40	7	999	-38.0	1854
50.0	42	8	40	8	999	-38.1	1826

STORM 1
LEVEL 4

STORM	DATE	PRES ALT FEET	PRES ALT MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	TRUE DIR /	OCTANT HDG /NOTH/	AZMTH STM/	ANGLE/	IN RDR CENT EYERAD/	MAX WINDS PRES/	MAX WINDS ACTUAL/	RADIUS REL	RADIUS /MAX WD/

/CARRIE / 570917 / 11000 / 686 / 1633-1648 / I / 35 / 64 / 13 /

/ 8 / 65 / 180 / N / 2 / 0 / 25 A / 978 / 67 / 79 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	6	-9	13	-11	-10	10.3
12.5	5	-1	16	-2	0	10.6
15.0	8	0	20	0	10	10.7
17.5	15	1	26	1	20	10.7
20.0	20	1	32	1	30	10.6
22.5	23	2	37	2	70	10.6
25.0	33	1	43	2	90	9.2
27.5	46	-2	57	-3	120	8.8
30.0	38	-6	46	-7	150	8.6
32.5	38	-3	46	-3	220	8.6
35.0	66	3	77	4	280	7.0
37.5	67	5	79	4	320	6.2
40.0	66	5	77	4	360	6.4
42.5	62	4	73	3	400	5.8
45.0	58	5	70	4	420	5.6
47.5	55	6	66	5	460	5.6
50.0	53	7	64	6	490	6.0

/CARRIE / 570917 / 11000 / 686 / 1719-1745 / I / 35 / 64 / 15 /

/ 8 / 65 / 310 / SE / 5 / 130 / 25 A / 978 / 84 / 73 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	-10	10	999	-40	10.9
7.5	8	-11	9	-6	-40	10.6
10.0	10	-11	8	-6	-40	10.4
12.5	14	-12	14	-7	-20	10.1
15.0	33	-12	22	999	-10	11.0
17.5	38	-10	27	2	0	10.4
20.0	41	-9	30	1	20	9.6
22.5	44	-10	32	0	50	8.9
25.0	43	-9	42	1	100	8.4
27.5	72	-8	60	1	140	8.6
30.0	82	-7	70	1	190	8.0
32.5	84	-8	73	0	250	7.2
35.0	84	-7	72	-2	320	6.3
37.5	83	-7	72	1	350	6.3
40.0	83	-8	72	1	390	6.8
42.5	84	-10	73	2	400	5.6
45.0	80	-13	68	6	420	5.7
47.5	78	-11	66	6	450	5.9
50.0	76	-10	65	5	480	6.4

/CARRIE / 570917 / 11000 / 686 / 1540-1601 / I / 35 / 64 / 17 /

/ 8 / 65 / 50 / SW / 7 / 230 / 25 A / 978 / 73 / 68 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	22	0	13	1	0	10.4
15.0	27	-2	15	-2	10	11.2
17.5	31	-4	22	-4	40	11.1
20.0	37	0	28	-1	50	11.2
22.5	39	1	31	1	70	11.0
25.0	43	0	36	0	100	9.9
27.5	56	2	48	2	130	8.9
30.0	65	0	58	0	170	8.2
32.5	68	0	61	-1	230	8.2
35.0	70	4	64	6	280	8.0
37.5	73	6	68	7	330	6.7
40.0	72	0	67	0	370	7.0
42.5	69	-5	65	-5	400	7.5
45.0	67	-4	62	-4	430	7.8
47.5	65	-2	61	-2	470	7.7
50.0	64	-1	60	-1	500	8.1

/CARRIE / 570917 / 11000 / 686 / 1604-1620 / O / 35 / 64 / 14 /

/ 8 / 65 / 50 / NE / 3 / 50 / 25 A / 978 / 78 / 80 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	24	0	14	0	20	10.4
15.0	26	6	20	6	20	10.6
17.5	29	3	24	4	50	9.7
20.0	31	2	28	3	70	10.3
22.5	37	5	35	5	80	10.1
25.0	50	6	45	6	100	9.4
27.5	60	10	62	10	130	9.0
30.0	73	14	73	14	180	9.0
32.5	79	11	80	11	220	7.1
35.0	78	12	79	12	250	5.8
37.5	77	15	79	15	300	6.2
40.0	73	14	75	14	350	6.6
42.5	68	12	70	12	380	6.2
45.0	66	12	68	12	440	6.5
47.5	64	13	66	13	470	6.5
50.0	63	13	64	14	490	6.1

/CARRIE / 570917 / 11000 / 686 / 1649-1707 / O / 35 / 64 / 16 /

/ 8 / 65 / 180 / S / 6 / 180 / 25 A / 978 / 76 / 68 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	14	-11	15	-11	-40	10.8
12.5	36	-6	29	-9	-30	10.8
15.0	25	-10	21	-6	-20	11.0
17.5	29	-5	24	-6	0	11.3
20.0	33	-6	27	-6	20	11.6
22.5	40	-5	30	-5	60	10.4
25.0	50	-6	40	-5	90	10.2
27.5	63	-3	57	-4	120	9.4
30.0	74	-3	63	-4	140	8.5
32.5	74	-4	66	-4	190	8.1
35.0	73	-5	63	-5	240	8.0
37.5	74	-8	65	-9	280	7.2
40.0	76	-11	68	-11	330	6.1
42.5	74	-11	64	-11	400	6.4
45.0	73	-9	62	-10	430	6.2
47.5	71	-10	62	-11	460	6.0
50.0	70	-10	60	-10	490	6.0

/CARRIE / 570917 / 11000 / 686 / 1745-1806 / O / 35 / 64 / 18 /

/ 8 / 65 / 300 / W / 1 / 290 / 25 A / 978 / 73 / 80 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	5	-10	11	-10	-40	10.6
7.5	6	-6	15	-10	-40	10.6
10.0	8	-6	18	-11	-40	10.6
12.5	11	-7	20	-11	10	10.7
15.0	15	3	23	-11	30	10.7
17.5	22	2	29	-11	40	11.4
20.0	28	1	38	-12	60	11.7
22.5	33	0	42	-12	70	11.4
25.0	41	1	50	-10	70	11.4
27.5	60	1	67	-9	70	10.4
30.0	71	1	80	-10	100	9.1
32.5	71	0	80	-9	180	7.7
35.0	70	-1	78	-8	230	7.0
37.5	69	1	78	-7	280	7.4
40.0	66	1	75	-8	320	7.3
42.5	63	2	70	-10	350	8.0
45.0	60	6	68	-12	380	7.6
47.5	58	5	67	-12	410	7.4
50.0	57	6	66	-10	440	7.2

STORM 1
LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARRIE	570917	11000	686	1633-1648	I	35	64	65	8	180	N	2	0	13	25 A	978	67	37.5	79
CARRIE	570917	11000	686	1604-1620	O	35	64	65	8	50	NE	3	50	14	25 A	978	78	32.5	80
CARRIE	570917	11000	686	1719-1745	I	35	64	65	8	310	SE	5	130	15	25 A	978	84	32.5	73
CARRIE	570917	11000	686	1649-1707	O	35	64	65	8	180	S	6	180	16	25 A	978	76	40.0	68
CARRIE	570917	11000	686	1540-1601	I	35	64	65	8	50	SW	7	230	17	25 A	978	73	37.5	68
CARRIE	570917	11000	686	1745-1806	O	35	64	65	8	300	W	1	290	18	25 A	978	73	30.0	80

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	5	-10	10	-10	-40	10.7	30
7.5	7	-8	12	-8	-40	10.6	50
10.0	9	-9	13	-9	-31	10.5	94
12.5	18	-4	17	-4	-2	10.5	419
15.0	22	-2	20	-2	7	10.9	568
17.5	27	-2	25	-2	25	10.7	801
20.0	31	-1	30	-2	42	10.8	1045
22.5	35	-1	34	-1	66	10.4	1336
25.0	43	-1	42	-0	91	9.7	1899
27.5	59	0	58	-0	117	9.2	3619
30.0	67	0	65	-0	155	8.6	4733
32.5	69	-0	68	-0	215	7.8	4990
35.0	73	1	72	1	267	7.1	5471
37.5	73	2	73	2	310	6.6	5496
40.0	72	0	72	0	351	6.7	5312
42.5	69	-0	69	-1	387	6.6	4954
45.0	67	-0	66	-0	419	6.6	4578
47.5	65	0	64	0	452	6.5	4295
50.0	63	1	63	1	480	6.6	4120

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	5	-9	10	-10	-40	10.7	36
7.5	7	-8	11	-8	-40	10.6	54
10.0	11	-8	15	-8	-25	10.5	181
12.5	18	-4	17	-4	-2	10.6	430
15.0	22	-2	20	-2	9	10.8	591
17.5	27	-2	25	-2	25	10.8	809
20.0	31	-1	30	-2	44	10.7	1059
22.5	36	-1	35	-1	67	10.3	1407
25.0	45	-0	45	-0	92	9.7	2206
27.5	58	-0	57	-0	120	9.2	3544
30.0	65	-0	64	-0	161	8.5	4500
32.5	69	-0	68	-0	215	7.8	4988
35.0	72	1	71	1	265	7.1	5357
37.5	73	1	73	1	309	6.8	5415
40.0	72	0	71	0	350	6.7	5248
42.5	69	-0	69	-0	386	6.6	4933
45.0	67	-0	66	-0	419	6.6	4596
47.5	65	0	64	0	451	6.6	4326
50.0	64	1	63	0	470	6.6	4189

STORM 1
LEVEL 5

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN RDR CENT EYERAD	MAX WINDS PRES	ACTUAL	REL	RADIUS /MAX WD/

/CARRIE / 570917 / 35000 / 240 / 1844-1901 / I / 35 / 64 / 19 /

/ 9 / 65 / 200 / N / 2 / 20 / 25 A / 978 / 30 / 43 / 45.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	14	-2	22	-2	999	-35.3
20.0	14	-2	24	-2	999	-35.5
22.5	13	-1	25	-1	999	-35.6
25.0	14	1	27	1	999	-35.6
27.5	16	3	29	3	999	-35.8
30.0	19	4	31	3	999	-35.8
32.5	21	4	33	4	999	-35.9
35.0	23	5	35	4	999	-36.0
37.5	25	4	38	4	999	-36.2
40.0	26	3	39	3	999	-36.5
42.5	28	1	41	1	999	-37.5
45.0	30	-1	43	-1	999	-37.5
47.5	29	-3	42	-3	999	-38.1
50.0	27	-5	40	-5	999	-35.3

/CARRIE / 570917 / 35000 / 240 / 2016-2033 / O / 35 / 64 / 21 /

/ 8 / 65 / 175 / S / 6 / 175 / 25 A / 978 / 42 / 29 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	12	-4	9	-3	999	-35.1
12.5	16	0	17	-1	999	-33.9
15.0	18	2	8	2	999	-34.5
17.5	20	2	8	2	999	-34.5
20.0	22	3	10	3	999	-34.6
22.5	24	3	12	3	999	-34.6
25.0	26	3	17	3	999	-34.0
27.5	28	3	16	3	999	-33.7
30.0	30	2	17	2	999	-34.1
32.5	32	2	19	2	999	-34.1
35.0	35	2	22	2	999	-34.3
37.5	37	3	24	3	999	-34.6
40.0	38	6	24	5	999	-34.9
42.5	40	9	26	8	999	-35.2
45.0	41	11	28	11	999	-35.5
47.5	42	14	29	15	999	-35.7
50.0	42	18	29	18	999	-35.7

/CARRIE / 570917 / 35000 / 240 / 1801-1816 / O / 35 / 64 / 23

/ 8 / 65 / 140 / NW / 1 / 325 / 25 A / 978 / 37 / 25 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	7	-3	-5	-3	999	-34.3
7.5	9	-2	-2	-3	999	-34.4
10.0	12	-2	1	-2	999	-35.5
12.5	16	-2	4	-2	999	-34.7
15.0	18	-1	6	-2	999	-34.7
17.5	19	-1	7	-2	999	-34.7
20.0	21	-1	8	-1	999	-34.8
22.5	22	-1	10	-1	999	-35.2
25.0	23	-1	11	-1	999	-35.3
27.5	25	-1	12	-1	999	-35.3
30.0	26	-1	13	-1	999	-35.6
32.5	27	-1	14	-1	999	-35.8
35.0	28	-1	16	-1	999	-36.1
37.5	29	-2	17	-1	999	-36.3
40.0	31	-1	18	-1	999	-37.2
42.5	32	0	20	-1	999	-37.6
45.0	34	0	22	-1	999	-38.0
47.5	36	-1	23	-1	999	-38.2
50.0	37	-2	25	-2	999	-38.3

/CARRIE / 570917 / 35000 / 240 / 1744-1800 / I / 35 / 64 / 20 /

/ 8 / 65 / 140 / SE / 5 / 145 / 25 A / 978 / 33 / 45 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	2	-1	12	-2	999	-34.3
7.5	5	-1	16	0	999	-34.4
10.0	7	0	19	0	999	-35.5
12.5	10	0	22	0	999	-34.7
15.0	12	0	24	0	999	-34.7
17.5	14	1	26	1	999	-34.7
20.0	16	1	28	1	999	-34.8
22.5	18	2	30	2	999	-35.2
25.0	21	3	33	3	999	-35.3
27.5	22	5	34	4	999	-35.3
30.0	23	7	36	6	999	-35.6
32.5	25	7	37	6	999	-35.8
35.0	27	7	39	7	999	-36.1
37.5	29	6	40	6	999	-36.3
40.0	30	6	42	6	999	-37.2
42.5	31	6	43	5	999	-37.6
45.0	32	5	44	5	999	-38.0
47.5	32	4	44	3	999	-38.2
50.0	33	2	45	2	999	-38.3

/CARRIE / 570917 / 35000 / 240 / 1902-1922 / O / 35 / 64 / 22 /

/ 8 / 65 / 180 / S / 6 / 180 / 25 A / 978 / 36 / 25 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	14	-2	13	-1	999	-34.7
20.0	16	-2	11	-2	999	-34.3
22.5	17	-2	11	-2	999	-34.2
25.0	19	-3	12	-3	999	-34.1
27.5	22	-3	13	-3	999	-34.2
30.0	22	-3	13	-4	999	-34.2
32.5	25	-4	16	-4	999	-34.4
35.0	28	-4	18	-4	999	-34.5
37.5	30	-3	20	-4	999	-34.6
40.0	32	-1	22	-1	999	-34.9
42.5	33	2	23	1	999	-35.1
45.0	35	5	24	4	999	-35.3
47.5	35	8	24	7	999	-35.4
50.0	36	10	25	10	999	-35.5

/CARRIE / 570917 / 35000 / 240 / 2000-2016 / I / 35 / 64 / 24

/ 8 / 65 / 170 / N / 2 / 350 / 25 A / 978 / 25 / 38 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	6	-8	16	-8	999	-34.4
12.5	5	-8	16	-8	999	-34.9
15.0	4	-7	5	-7	999	-35.9
17.5	4	-6	17	-7	999	-35.1
20.0	5	-5	18	-6	999	-36.0
22.5	6	-4	5	-5	999	-36.0
25.0	7	-4	6	-4	999	-36.0
27.5	8	-2	7	-3	999	-35.3
30.0	10	0	10	-1	999	-35.1
32.5	12	2	13	1	999	-35.5
35.0	15	3	27	2	999	-35.2
37.5	17	4	31	4	999	-35.6
40.0	20	4	32	4	999	-36.1
42.5	21	3	34	3	999	-36.5
45.0	22	3	35	3	999	-36.5
47.5	23	3	24	4	999	-37.1
50.0	25	3	38	3	999	-38.0

STORM 1
LEVEL 5

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARRIE	570917	35000	240	1844-1901	I	35	64	65	8	200	N	2	20	19	25 A	978	30	45.0	43
CARRIE	570917	35000	240	1744-1800	I	35	64	65	8	140	SE	5	145	20	25 A	978	33	50.0	45
CARRIE	570917	35000	240	2016-2033	O	35	64	65	8	175	S	6	175	21	25 A	978	42	47.5	29
CARRIE	570917	35000	240	1902-1922	O	35	64	65	8	180	S	6	180	22	25 A	978	36	50.0	25
CARRIE	570917	35000	240	1801-1816	O	35	64	65	8	140	NW	1	325	23	25 A	978	37	50.0	25
CARRIE	570917	35000	240	2000-2016	I	35	64	65	8	170	N	2	350	24	25 A	978	25	50.0	38

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	4	-2	3	-2	999	-34.3	26
7.5	7	-1	7	-1	999	-34.4	53
10.0	9	-3	11	-3	999	-35.2	92
12.5	11	-2	14	-2	999	-34.5	158
15.0	12	-1	10	-1	999	-34.9	200
17.5	14	-1	16	-1	999	-34.8	231
20.0	16	-1	17	-1	999	-34.9	280
22.5	17	-0	17	-0	999	-35.1	311
25.0	18	-0	19	-0	999	-35.1	373
27.5	20	0	20	0	999	-35.1	450
30.0	21	1	21	0	999	-35.2	503
32.5	23	1	23	1	999	-35.4	592
35.0	26	1	26	1	999	-35.6	695
37.5	27	1	28	1	999	-35.8	778
40.0	29	2	29	2	999	-36.4	880
42.5	30	2	31	1	999	-36.9	955
45.0	32	2	32	2	999	-37.1	1061
47.5	32	2	32	2	999	-37.4	1088
50.0	33	2	33	2	999	-36.9	1118

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	5	-1	4	-2	999	-34.3	35
7.5	7	-1	7	-1	999	-34.7	59
10.0	9	-3	12	-3	999	-34.9	106
12.5	11	-2	13	-2	999	-34.7	155
15.0	12	-1	12	-1	999	-34.8	199
17.5	14	-1	16	-1	999	-34.9	238
20.0	16	-1	17	-1	999	-35.0	277
22.5	17	-0	17	-0	999	-35.1	318
25.0	18	-0	19	-0	999	-35.1	379
27.5	20	0	20	0	999	-35.1	446
30.0	22	1	21	0	999	-35.3	511
32.5	24	1	23	1	999	-35.4	598
35.0	25	1	26	1	999	-35.6	692
37.5	27	1	28	1	999	-35.9	782
40.0	29	2	29	1	999	-36.4	874
42.5	30	2	31	1	999	-36.8	961
45.0	32	2	32	2	999	-37.1	1043
47.5	32	2	32	2	999	-37.2	1084
50.0	32	2	33	2	999	-37.0	1106

STORM 2
LEVEL 1

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG /OCTANT NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PDR CENT PRES/ACTUAL/REL / MAX WINDS RADIUS /MAX WD/

/CLEO / 580818 / 6400 / 811 / 1615-1638 / 0 / 33 / 56 / 630 /
/13 / 15 / 40 / NE / 1 / 40 / 16 / 972 / 86 / 77 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	7	5	0	-770	18.0
7.5	24	8	12	-1	-770	18.2
10.0	29	9	18	-1	-760	18.8
12.5	38	10	27	-1	-750	19.0
15.0	50	8	39	-3	-730	18.4
17.5	60	14	50	3	-680	17.4
20.0	74	26	65	14	-620	16.6
22.5	86	17	77	5	-550	15.6
25.0	94	17	79	4	-470	15.6
27.5	77	14	69	2	-430	15.4
30.0	74	15	65	2	-400	15.2
32.5	74	14	65	2	-380	15.2
35.0	73	16	65	3	-330	15.2
37.5	70	16	62	4	-300	15.4
40.0	71	16	62	4	-270	15.4
42.5	70	12	61	-1	-250	15.2
45.0	70	16	61	3	-220	15.2
47.5	68	20	60	7	-200	15.1
50.0	73	18	64	5	-180	15.0

/CLEO / 580818 / 6400 / 811 / 1745-1810 / 0 / 33 / 56 / 632 /
/13 / 15 / 170 / S / 3 / 170 / 16 / 972 / 86 / 76 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	25	-13	26	2	-770	17.5
10.0	31	-3	26	11	-790	17.6
12.5	37	1	30	14	-790	17.9
15.0	51	-1	42	11	-780	17.4
17.5	73	-6	64	6	-750	16.2
20.0	96	-7	76	4	-670	15.6
22.5	82	-8	72	3	-590	15.0
25.0	80	-6	70	5	-530	14.4
27.5	77	-3	67	9	-480	14.6
30.0	74	-1	64	10	-440	15.2
32.5	71	1	61	13	-400	15.4
35.0	68	-2	58	10	-360	15.2
37.5	67	-2	58	9	-330	15.2
40.0	67	-3	57	9	-300	15.2
42.5	68	-2	58	10	-270	15.2
45.0	68	0	59	12	-240	15.2
47.5	65	-3	56	9	-210	15.4
50.0	66	-5	57	7	-190	15.6

/CLEO / 580818 / 6400 / 811 / 1930-1955 / 0 / 33 / 56 / 634 /
/13 / 15 / 280 / W / 6 / 280 / 16 / 972 / 54 / 70 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	1	3	15	-3	-800	18.8
7.5	9	2	21	-8	-800	19.2
10.0	14	0	28	-5	-790	19.6
12.5	25	1	40	-2	-770	19.0
15.0	36	1	51	-1	-720	17.8
17.5	46	1	61	0	-640	16.8
20.0	54	7	70	7	-570	16.2
22.5	50	7	65	7	-510	16.0
25.0	54	-2	69	-1	-450	15.8
27.5	51	-5	66	-4	-410	15.6
30.0	47	-11	62	-9	-370	15.5
32.5	44	-14	59	-12	-330	15.4
35.0	47	-16	62	-14	-300	15.4
37.5	43	-14	58	-12	-270	15.6
40.0	41	-14	57	-11	-250	15.8
42.5	41	-14	56	-12	-230	16.0
45.0	43	-17	58	-15	-200	15.6
47.5	42	-25	57	-22	-170	15.2
50.0	999	999	999	999	999	999.0

/CLEO / 580819 / 6400 / 811 / 1905-1930 / 1 / 33 / 56 / 631 /
/13 / 15 / 310 / SE / 3 / 130 / 16 / 972 / 84 / 73 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	17	1	4	8	-800	17.6
7.5	19	1	6	9	-800	18.2
10.0	23	2	11	10	-780	18.6
12.5	36	1	23	10	-770	18.0
15.0	56	-2	44	7	-740	17.2
17.5	76	0	64	9	-700	16.7
20.0	94	-1	73	9	-630	16.0
22.5	81	-1	70	10	-560	15.2
25.0	77	-1	66	10	-500	14.8
27.5	76	3	65	13	-460	14.8
30.0	74	2	63	12	-410	14.8
32.5	71	1	60	11	-360	14.8
35.0	71	0	60	10	-320	14.8
37.5	69	1	57	11	-290	14.8
40.0	68	5	56	14	-270	14.8
42.5	69	5	56	13	-240	14.8
45.0	68	7	55	15	-220	15.2
47.5	71	3	58	11	-200	15.4
50.0	69	-3	56	5	999	999.0

/CLEO / 580818 / 6400 / 811 / 1545-1615 / 1 / 33 / 56 / 633 /
/13 / 15 / 85 / W / 6 / 265 / 16 / 972 / 50 / 65 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	-3	2	11	-3	-790	18.2
7.5	1	3	15	-2	-770	18.4
10.0	3	3	18	-1	-770	18.6
12.5	12	1	27	-1	-770	18.0
15.0	20	0	35	-1	-760	18.0
17.5	38	-7	53	-7	-730	17.8
20.0	44	-15	59	-15	-660	16.8
22.5	50	-11	65	-9	-600	16.2
25.0	50	-12	65	-10	-550	15.8
27.5	48	-13	63	-11	-490	15.7
30.0	43	-13	58	-10	-430	15.7
32.5	41	-10	56	-8	-390	15.7
35.0	40	-9	55	-6	-360	16.0
37.5	38	-11	53	-8	-320	16.0
40.0	37	-12	52	-8	-290	15.7
42.5	35	-13	50	-9	-260	15.4
45.0	38	-14	52	-10	-250	15.2
47.5	38	-12	53	-9	-220	15.2
50.0	38	-10	53	-6	-200	15.1

/CLEO / 580818 / 6400 / 811 / 1731-1745 / 1 / 33 / 56 / 635 /
/13 / 15 / 170 / N / 7 / 350 / 16 / 972 / 45 / 59 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	7	-14	20	-7	-780	19.0
10.0	11	-6	26	-3	-770	19.6
12.5	20	-3	35	-3	-750	19.4
15.0	34	0	49	-2	-730	18.2
17.5	45	0	59	-4	-700	17.4
20.0	43	-3	57	-8	-610	17.0
22.5	43	4	57	-3	-550	16.8
25.0	43	11	56	4	-480	16.4
27.5	42	11	55	3	-410	16.1
30.0	45	9	57	0	-320	15.7
32.5	43	8	55	-2	-340	16.0
35.0	44	11	55	1	-310	15.8
37.5	42	12	53	1	-260	15.4
40.0	39	11	49	0	-220	15.2
42.5	37	12	47	1	-200	15.3
45.0	38	14	47	2	-170	15.3
47.5	36	16	45	4	-140	15.4
50.0	34	17	43	5	-130	15.5

STORM 2
LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CLEO	580818	6400	811	1615-1638	O	33	56	15	13	40	NE	1	40	630	16	972	86	22.5	77
CLEO	580818	6400	811	1905-1930	I	33	56	15	13	310	SE	3	130	631	16	972	84	20.0	73
CLEO	580818	6400	811	1745-1810	O	33	56	15	13	170	S	3	170	632	16	972	86	20.0	76
CLEO	580818	6400	811	1545-1615	I	33	56	15	13	85	W	6	265	633	16	972	50	22.5	65
CLEO	580818	6400	811	1930-1955	O	33	56	15	13	280	W	6	280	634	16	972	54	20.0	70
CLEO	580818	6400	811	1731-1745	I	33	56	15	13	170	N	7	350	635	16	972	45	17.5	59

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	10	3	7	1	-789	18.1	196
7.5	15	-2	16	-0	-780	18.4	312
10.0	19	1	20	2	-775	18.7	483
12.5	28	2	29	3	-766	18.7	933
15.0	42	1	42	2	-744	18.0	1946
17.5	57	0	58	1	-702	17.0	3549
20.0	65	1	66	2	-629	16.4	4673
22.5	67	1	68	2	-562	15.8	4868
25.0	66	1	67	2	-498	15.4	4676
27.5	63	1	64	2	-448	15.3	4260
30.0	61	1	61	1	-397	15.4	3961
32.5	59	1	59	1	-369	15.4	3713
35.0	58	1	59	1	-331	15.4	3641
37.5	56	1	56	1	-296	15.4	3386
40.0	55	1	55	2	-267	15.3	3317
42.5	55	1	54	1	-242	15.3	3293
45.0	55	2	55	2	-217	15.3	3334
47.5	54	1	54	1	-191	15.3	3246
50.0	54	2	54	2	-178	15.3	3290

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	11	3	9	1	-787	18.2	223
7.5	15	-1	17	0	-780	18.4	349
10.0	20	0	22	2	-774	18.6	562
12.5	30	1	31	2	-763	18.5	1094
15.0	43	1	43	2	-738	17.9	2134
17.5	56	0	56	1	-693	17.1	3477
20.0	64	1	64	2	-628	16.4	4423
22.5	66	1	67	2	-562	15.8	4709
25.0	65	1	66	2	-501	15.5	4580
27.5	63	1	64	2	-448	15.4	4265
30.0	61	1	61	2	-402	15.4	3975
32.5	59	1	60	1	-368	15.4	3761
35.0	58	1	58	1	-331	15.4	3607
37.5	56	1	57	2	-298	15.4	3424
40.0	55	1	55	2	-269	15.3	3338
42.5	55	1	55	1	-243	15.3	3314
45.0	55	2	55	2	-217	15.3	3307
47.5	55	1	55	1	-195	15.3	3283
50.0	54	2	54	2	-185	15.3	3273

STORM 2
LEVEL 2

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE / IN RDR EYERAD / CENT PRES/ MAX WINDS ACTUAL/REL / RADIUS /MAX WD/

/CLEO / 580818 / 15600 / 577 / 1640-1700 / 0 / 33 / 56 / 582 /

/13 / 15 / 60 / NE / 1 / 60 / 16 / 972 / 82 / 72 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	11	13	-1	-50	5.0
7.5	34	14	24	2	-30	5.2
10.0	40	12	27	0	-10	5.3
12.5	45	13	35	1	20	5.4
15.0	51	11	40	-1	30	5.0
17.5	57	11	46	-1	40	4.2
20.0	77	17	68	6	60	2.8
22.5	82	16	72	5	80	1.8
25.0	74	12	62	0	110	1.1
27.5	72	7	62	5	150	.9
30.0	77	10	68	-2	180	.8
32.5	77	11	67	-1	220	.9
35.0	74	9	60	-3	250	1.0
37.5	74	9	64	-3	290	1.2
40.0	72	7	58	-5	320	1.4
42.5	69	7	57	-5	340	1.1
45.0	68	10	56	-1	360	1.0
47.5	68	12	57	0	380	1.0
50.0	66	13	54	1	390	.6

/CLEO / 580818 / 15600 / 577 / 1819-1840 / 0 / 33 / 56 / 594 /

/13 / 15 / 180 / S / 4 / 180 / 16 / 972 / 78 / 73 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	999	999	999	999	999.0
7.5	30	-2	22	11	-30	5.3
10.0	35	-1	29	12	-20	5.0
12.5	40	-1	32	12	-10	4.8
15.0	46	0	39	13	20	4.2
17.5	73	5	68	18	70	3.0
20.0	78	-11	73	2	120	1.4
22.5	69	-8	61	5	150	1.0
25.0	65	-8	58	6	180	.8
27.5	65	-7	60	7	210	.6
30.0	65	-9	59	4	240	.7
32.5	62	-8	57	6	280	.5
35.0	60	-7	54	7	320	.4
37.5	60	-7	53	7	360	.3
40.0	61	-3	55	11	380	.6
42.5	62	0	60	14	400	.2
45.0	59	-4	53	10	430	-.6
47.5	57	-10	57	4	440	-.7
50.0	57	-9	53	6	450	-.8

/CLEO / 580818 / 15600 / 577 / 1945-2001 / 0 / 33 / 56 / 586 /

/13 / 15 / 300 / NW / 7 / 300 / 16 / 972 / 52 / 68 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	4	-3	13	-9	-100	4.6
7.5	6	-1	17	-6	-110	5.0
10.0	13	-4	27	-8	-100	5.4
12.5	16	-4	33	-8	-80	4.9
15.0	20	1	32	-3	-60	3.9
17.5	41	13	64	10	-40	3.1
20.0	52	1	68	-1	20	1.9
22.5	48	-3	59	-5	70	.8
25.0	43	-2	57	-4	110	.4
27.5	41	-1	56	-3	140	.4
30.0	40	-3	55	-5	170	.6
32.5	41	-5	58	-7	190	.4
35.0	40	39	-6	-8	220	0.0
37.5	41	-5	56	-6	250	.2
40.0	42	-3	58	-5	280	.2
42.5	40	1	57	-1	310	.3
45.0	39	1	53	-2	340	.2
47.5	39	1	54	-1	370	.1
50.0	36	3	52	1	400	.1

/CLEO / 580818 / 15600 / 577 / 1920-1945 / I / 33 / 56 / 583 /

/13 / 15 / 105 / SE / 3 / 135 / 16 / 972 / 69 / 59 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	4	16	7	-100	5.0
7.5	29	1	19	5	-100	5.4
10.0	34	0	24	5	-100	5.4
12.5	38	-1	27	4	-70	4.6
15.0	48	-1	39	4	-30	3.2
17.5	61	-2	52	4	30	2.2
20.0	68	3	58	9	0	1.4
22.5	64	-3	51	3	130	.7
25.0	64	-2	51	4	160	.1
27.5	46	-1	53	5	200	-.4
30.0	61	-3	51	3	240	-.5
32.5	60	-1	50	5	290	-.5
35.0	62	4	52	9	310	-.5
37.5	60	2	50	8	330	-.4
40.0	60	1	50	7	350	-.3
42.5	64	8	58	13	380	-.6
45.0	65	10	55	15	400	-.7
47.5	68	12	58	17	430	-.8
50.0	69	14	59	19	460	-.8

/CLEO / 580818 / 15600 / 577 / 1620-1640 / I / 33 / 56 / 585 /

/13 / 15 / 90 / W / 6 / 270 / 16 / 972 / 43 / 58 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	3	-6	15	-3	-50	5.4
7.5	6	-5	17	-1	-60	5.5
10.0	7	-3	19	2	-50	5.3
12.5	8	-7	24	-2	-40	4.7
15.0	10	-7	23	-2	-20	4.0
17.5	22	-3	35	2	0	3.0
20.0	38	-2	54	3	40	2.0
22.5	39	1	53	5	80	1.8
25.0	39	-1	56	4	130	1.2
27.5	41	-3	56	1	160	.6
30.0	41	-6	55	-2	200	.3
32.5	43	-5	58	-1	230	0.0
35.0	43	-3	58	2	260	.2
37.5	41	-1	55	3	290	.3
40.0	40	-3	54	1	330	.2
42.5	42	-4	58	0	360	0.0
45.0	41	-3	55	2	380	-.2
47.5	39	-3	54	2	410	-.5
50.0	38	-5	53	0	430	-.8

/CLEO / 580818 / 15600 / 577 / 1740-1800 / I / 33 / 56 / 587 /

/13 / 15 / 175 / N / 7 / 345 / 16 / 972 / 54 / 62 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	5	5	11	-7	-80	5.2
7.5	6	5	14	-6	-80	5.1
10.0	10	7	17	-6	-60	5.1
12.5	15	7	23	-5	-20	4.4
15.0	24	9	29	-3	30	3.2
17.5	42	7	56	-5	70	2.2
20.0	45	6	53	-6	110	1.9
22.5	48	6	56	-6	140	1.6
25.0	54	7	62	-6	170	1.3
27.5	50	5	56	-8	200	1.2
30.0	48	7	53	-6	230	1.0
32.5	43	9	49	-4	270	1.1
35.0	43	11	49	-1	290	1.2
37.5	43	12	51	-1	320	1.5
40.0	43	8	48	-5	340	1.2
42.5	42	10	50	-3	460	1.0
45.0	43	10	47	-3	390	.9
47.5	43	8	47	-6	390	1.1
50.0	42	10	49	-3	400	.8

STORM 2

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CLEO	580818	15600	577	1640-1700	O	33	56	15	13	60	NE	1	60	582	16	972	82	22.5	72
CLEO	580818	15600	577	1920-1945	I	33	56	15	13	105	SE	3	135	583	16	972	69	50.0	59
CLEO	580818	15600	577	1819-1840	O	33	56	15	13	180	S	4	180	584	16	972	78	20.0	73
CLEO	580818	15600	577	1620-1640	I	33	56	15	13	90	W	6	270	585	16	972	43	32.5	58
CLEO	580818	15600	577	1945-2001	O	33	56	15	13	300	NW	7	300	586	16	972	52	20.0	68
CLEO	580818	15600	577	1740-1800	I	33	56	15	13	175	N	7	345	587	16	972	54	25.0	62

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	15	2	13	-0	-74	5.1	322
7.5	20	2	19	1	-63	5.3	565
10.0	24	2	23	1	-51	5.2	798
12.5	28	1	29	1	-27	4.8	1037
15.0	34	2	34	1	0	4.0	1476
17.5	51	4	52	4	33	3.0	2894
20.0	61	2	62	2	62	1.9	4006
22.5	60	2	59	1	110	1.3	3853
25.0	58	1	57	1	144	.9	3547
27.5	57	0	57	1	178	.6	3470
30.0	57	-0	57	-1	211	.5	3478
32.5	56	0	56	0	249	.4	3347
35.0	55	6	48	1	278	.4	3239
37.5	54	2	55	1	310	.6	3179
40.0	54	1	53	0	337	.6	3136
42.5	54	3	56	3	378	.4	3149
45.0	54	4	53	3	384	.1	3046
47.5	53	3	54	2	405	.1	3063
50.0	53	4	53	4	422	-.1	2979

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	2	15	-0	-74	5.2	403
7.5	20	2	19	1	-60	5.2	583
10.0	24	2	24	1	-47	5.1	804
12.5	29	2	29	1	-25	4.7	1088
15.0	37	3	37	2	2	3.9	1734
17.5	50	3	51	3	33	3.0	2882
20.0	58	2	58	2	66	2.0	3687
22.5	59	2	58	1	108	1.4	3735
25.0	58	1	58	1	144	.9	3575
27.5	57	0	57	0	178	.6	3498
30.0	57	0	57	-0	212	.5	3450
32.5	56	2	54	0	247	.4	3346
35.0	55	4	51	1	278	.5	3251
37.5	55	2	53	1	309	.5	3186
40.0	54	2	54	1	340	.5	3152
42.5	54	3	55	2	370	.3	3129
45.0	54	3	54	3	386	.2	3081
47.5	53	3	54	3	404	.0	3047
50.0	53	4	53	3	416	-.1	3002

STORM 2
LEVEL 3

STORM	DATE	PRES ALT FEET	PRES ALT MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	TRUE DIR /	OCTANT HDG	AZMTH /NOTH/	IN RDR CENT STM/ANGLE/	MAX WINDS EYERAD/	PRES/ACTUAL/	RADIUS REL /MAX WD/

/CLEO / 580818 / 35000 / 260 / 1709-1720 / 0 / 33 / 56 / 588 /

/13 / 15 / 60 / NE / 1 / 60 / 16 / 972 / 39 / 30 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	20	9	7	1730	-34.3
7.5	12	23	12	10	1740	-34.2
10.0	18	22	14	10	1750	-34.1
12.5	20	22	15	10	1750	-34.2
15.0	23	24	17	12	1750	-34.2
17.5	22	23	17	11	1760	-34.3
20.0	20	21	15	10	1770	-34.6
22.5	22	22	15	10	1780	-34.9
25.0	24	21	17	10	1800	-34.9
27.5	36	22	25	11	1820	-35.0
30.0	39	21	30	10	1830	-35.2
32.5	39	16	30	5	1850	-35.7
35.0	37	9	29	-3	1870	-36.2
37.5	37	3	29	-8	1890	-36.4
40.0	36	3	28	-8	1910	-36.5
42.5	34	4	27	-7	1920	-36.7
45.0	35	5	27	-7	1930	-36.8
47.5	36	5	28	-6	1930	-36.9
50.0	36	6	28	-6	1930	-37.1

/CLEO / 580818 / 35000 / 260 / 1750-1801 / 0 / 33 / 56 / 590 /

/13 / 15 / 150 / SE / 3 / 150 / 16 / 972 / 47 / 41 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	4	-12	3	0	999	999.0
7.5	10	-11	3	1	1810	-34.6
10.0	14	-13	4	-2	1810	-34.7
12.5	17	-11	7	-1	1810	-34.6
15.0	23	-9	12	0	1800	-34.4
17.5	27	-6	17	3	1800	-34.3
20.0	29	-1	18	7	1800	-34.2
22.5	33	0	22	9	1800	-34.2
25.0	31	3	25	12	1800	-34.2
27.5	38	11	31	20	1800	-34.1
30.0	39	15	35	25	1810	-34.0
32.5	39	10	34	21	1820	-34.2
35.0	36	2	30	13	1830	-34.8
37.5	35	-1	29	11	1840	-35.6
40.0	36	-1	33	10	1850	-36.0
42.5	49	-3	39	9	1860	-36.5
45.0	42	5	42	-7	1870	-37.0
47.5	47	-6	41	6	1890	-37.4
50.0	47	-5	38	8	1890	-37.6

/CLEO / 580818 / 35000 / 260 / 1740-1750 / 1 / 33 / 56 / 592 /

/13 / 15 / 85 / NW / 7 / 340 / 16 / 972 / 33 / 40 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	-9	-12	9	-9	999	999.0
7.5	-16	-5	10	-9	1800	-34.5
10.0	-15	1	6	-7	1800	-34.6
12.5	-12	5	3	-3	1810	-34.7
15.0	-7	12	5	3	1810	-34.8
17.5	-2	13	10	3	1820	-34.9
20.0	4	9	14	-1	1810	-35.0
22.5	9	7	20	-4	1790	-35.2
25.0	15	6	25	-6	1790	-35.3
27.5	23	8	33	-3	1790	-35.6
30.0	32	10	39	-2	1790	-36.2
32.5	33	4	40	-8	1810	-36.8
35.0	29	3	39	-9	1830	-37.2
37.5	29	5	39	-7	1850	-37.4
40.0	29	5	39	-7	1860	-37.7
42.5	32	8	39	-4	1870	-37.9
45.0	29	8	38	-4	1880	-38.0
47.5	27	7	36	-6	1890	-38.0
50.0	27	8	35	-5	1890	-38.2

/CLEO / 580818 / 35000 / 260 / 1820-1834 / 1 / 33 / 56 / 589 /

/13 / 15 / 315 / SE / 3 / 125 / 16 / 972 / 49 / 33 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	1	999	999	999.0
7.5	-12	6	2	-2	999	999.0
10.0	15	0	4	2	999	999.0
12.5	21	2	7	5	999	999.0
15.0	22	1	8	4	999	-34.3
17.5	24	0	9	4	999	-34.5
20.0	22	0	10	4	999	-34.4
22.5	26	1	15	6	999	-34.1
25.0	37	8	21	12	999	-33.9
27.5	32	5	22	9	999	-34.4
30.0	43	4	25	8	999	-35.0
32.5	34	-1	22	4	999	-34.9
35.0	29	-4	15	1	999	-35.0
37.5	25	-6	11	-2	999	-35.2
40.0	23	-5	15	0	999	-35.7
42.5	37	0	23	5	999	-36.4
45.0	42	-1	30	4	999	-37.0
47.5	48	-2	32	3	999	-37.5
50.0	49	1	33	7	999	-37.7

/CLEO / 580818 / 35000 / 260 / 1645-1708 / 1 / 33 / 56 / 591 /

/13 / 15 / 55 / SW / 5 / 245 / 16 / 972 / 25 / 33 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	-10	-11	-3	-3	1700	-34.8
7.5	-9	-11	-3	-2	1700	-34.8
10.0	-14	-11	-4	-1	1700	-34.8
12.5	-16	-10	-6	0	1690	-34.9
15.0	-16	-8	-5	3	1690	-35.0
17.5	-10	-6	5	5	1700	-35.0
20.0	-4	-6	7	5	1720	-35.0
22.5	-1	-10	9	2	1750	-35.0
25.0	-3	-9	10	5	1770	-35.2
27.5	2	-4	13	7	1790	-35.4
30.0	6	-1	18	11	1800	-35.5
32.5	11	0	23	12	1820	-35.8
35.0	13	-2	23	10	1840	-36.1
37.5	8	-7	20	6	1820	-36.4
40.0	11	-7	20	5	1810	-36.7
42.5	12	-7	23	5	1810	-37.0
45.0	21	-5	28	7	1810	-37.4
47.5	25	-6	33	6	1820	-37.6
50.0	23	-3	32	9	1830	-37.8

STORM 2

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CLEO	580818	35000	260	1709-1720	O	33	56	15	13	60	NE	1	60	588	16	972	39	30.0	30.
CLEO	580818	35000	260	1820-1834	I	33	56	15	13	315	SE	3	125	589	16	972	49	50.0	33
CLEO	580818	35000	260	1750-1801	O	33	56	15	13	150	SE	3	150	590	16	972	47	47.5	41
CLEO	580818	35000	260	1645-1708	I	33	56	15	13	55	SW	5	245	591	16	972	25	47.5	33
CLEO	580819	35000	260	1740-1750	I	33	56	15	13	85	NW	7	340	592	16	972	33	32.5	40

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	-2	-4	3	-1	1715	-34.5	58
7.5	-3	-0	4	-0	1762	-34.5	147
10.0	0	-0	4	-0	1764	-34.6	232
12.5	2	1	4	1	1764	-34.6	286
15.0	5	4	6	4	1761	-34.6	334
17.5	8	5	11	5	1769	-34.7	318
20.0	11	4	12	4	1774	-34.7	289
22.5	15	3	15	3	1779	-34.8	383
25.0	17	4	18	5	1789	-34.8	504
27.5	23	7	24	7	1797	-35.0	759
30.0	29	9	29	9	1807	-35.3	1049
32.5	29	5	30	6	1824	-35.6	1000
35.0	27	1	28	2	1842	-36.0	845
37.5	25	-0	26	-0	1848	-36.4	779
40.0	26	-0	27	-0	1856	-36.7	779
42.5	30	0	30	1	1863	-37.0	1090
45.0	31	2	32	-1	1870	-37.3	1081
47.5	34	-0	33	0	1878	-37.5	1259
50.0	33	1	33	2	1881	-37.7	1246

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	-1	-3	4	-0	1716	-34.5	86
7.5	-2	-1	4	-0	1762	-34.5	157
10.0	0	-0	4	0	1763	-34.6	227
12.5	2	1	4	2	1763	-34.6	283
15.0	5	3	7	4	1763	-34.6	317
17.5	8	4	10	4	1769	-34.7	310
20.0	11	4	12	4	1774	-34.7	318
22.5	14	4	15	4	1780	-34.8	397
25.0	18	5	19	5	1789	-34.9	541
27.5	23	7	24	7	1797	-35.1	777
30.0	27	8	28	8	1809	-35.3	969
32.5	28	5	29	5	1825	-35.7	954
35.0	27	1	28	2	1839	-36.0	856
37.5	26	-0	27	0	1848	-36.4	798
40.0	27	-0	28	0	1855	-36.7	862
42.5	30	0	30	0	1863	-37.0	1031
45.0	32	1	32	-0	1870	-37.3	1113
47.5	33	0	33	0	1877	-37.5	1219
50.0	33	1	33	1	1879	-37.6	1237

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT AZMTH /NOTH/STM/ANGLE/EYERAD/ IN PDR CENT PRES/ACTUAL/REL / MAX WINDS RADIUS /MAX WD/

STORM 3
LEVEL 1

/DAISY / 580827 / 13000 / 637 / 1606-1639 / 0 / 29 / 76 / 298 /

/ 8 / 25 / 50 / NE / 2 / 50 / 6 / 944 / 109 / 102 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	30	-27	38	-30	-470	11.9
7.5	83	-20	87	-12	-320	8.5
10.0	109	26	102	21	-240	6.6
12.5	95	999	89	999	-170	5.1
15.0	82	999	78	999	-40	4.9
17.5	76	999	72	999	50	4.9
20.0	70	999	66	999	110	4.7
22.5	64	999	61	999	160	4.5
25.0	58	14	55	6	230	4.3
27.5	56	3	53	-5	220	3.6
30.0	51	7	48	-1	260	3.1
32.5	51	8	48	0	290	3.1
35.0	45	8	42	0	310	3.0
37.5	44	4	42	-4	330	2.8
40.0	41	5	39	-3	350	2.5
42.5	42	6	41	-3	360	2.4
45.0	50	-4	48	-12	370	2.5
47.5	43	-7	41	15	370	2.2
50.0	40	-6	39	-14	390	2.6

/DAISY / 580827 / 13000 / 637 / 1840-1908 / 1 / 29 / 76 / 300 /

/ 8 / 25 / 310 / SE / 4 / 150 / 6 / 940 / 104 / 93 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	34	-23	31	-14	-940	9.7
7.5	72	-21	67	-14	-700	8.2
10.0	104	-28	99	-21	-440	6.7
12.5	82	-21	76	-14	-150	4.7
15.0	80	-8	73	-2	0	4.5
17.5	70	0	64	6	80	3.9
20.0	63	-17	56	-12	140	3.7
22.5	61	-8	54	-4	160	3.2
25.0	59	-7	52	-2	220	3.1
27.5	61	2	53	7	230	3.1
30.0	53	0	46	4	260	2.9
32.5	51	7	43	11	270	2.7
35.0	53	10	45	13	280	2.9
37.5	48	9	40	13	290	2.5
40.0	50	7	42	10	300	2.6
42.5	51	4	43	7	290	2.3
45.0	50	2	41	5	300	2.6
47.5	44	3	36	6	320	2.2
50.0	43	8	35	11	330	2.9

/DAISY / 580827 / 13000 / 637 / 1547-1606 / 1 / 29 / 76 / 302 /

/ 8 / 25 / 50 / SW / 5 / 220 / 6 / 944 / 99 / 95 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	65	25	58	30	-650	7.8
7.5	99	10	95	18	-330	6.3
10.0	93	5	91	13	-150	6.0
12.5	75	4	77	12	-30	4.7
15.0	74	-14	73	-5	60	3.7
17.5	66	-10	66	-2	140	3.6
20.0	58	-16	59	-8	200	3.7
22.5	56	-21	57	-12	240	3.6
25.0	51	-16	53	-8	280	3.5
27.5	44	-16	46	-8	310	3.6
30.0	45	-19	47	-11	320	3.6
32.5	49	-21	51	-13	350	3.9
35.0	47	-25	49	-17	360	3.9
37.5	43	-21	45	-13	370	4.3
40.0	41	-19	42	-10	380	3.9
42.5	40	-21	42	-12	400	3.8
45.0	41	-18	43	-9	410	4.2
47.5	42	-17	44	-8	420	4.4
50.0	41	-19	43	-11	430	3.7

/DAISY / 580827 / 13000 / 637 / 1908-1931 / 0 / 29 / 76 / 299 /

/ 8 / 25 / 90 / E / 2 / 90 / 6 / 940 / 85 / 78 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	65	-8	58	-14	-760	9.8
7.5	999	999	999	999	-500	6.0
10.0	999	999	999	999	-250	5.2
12.5	85	-3	78	-8	-140	4.8
15.0	77	4	69	-2	-50	4.6
17.5	69	11	62	6	90	4.9
20.0	57	1	50	-4	160	3.9
22.5	60	1	53	-4	180	3.4
25.0	60	0	52	-5	200	3.2
27.5	55	4	48	-1	240	3.8
30.0	55	8	47	4	280	2.4
32.5	51	8	43	3	280	2.5
35.0	52	14	45	9	320	2.2
37.5	54	6	46	1	330	2.5
40.0	49	8	42	3	350	2.8
42.5	52	10	44	6	360	2.6
45.0	47	12	39	8	370	2.4
47.5	37	16	29	12	360	2.6
50.0	42	11	34	6	380	2.4

/DAISY / 580827 / 13000 / 637 / 1750-1815 / 0 / 29 / 76 / 301 /

/ 8 / 25 / 195 / S / 5 / 185 / 6 / 942 / 98 / 98 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	29	22	36	20	-740	9.7
7.5	98	-17	98	-12	-510	7.5
10.0	95	-10	96	-3	-270	5.5
12.5	89	-5	88	3	-180	5.0
15.0	87	-9	85	0	-100	4.5
17.5	82	-5	80	2	10	4.0
20.0	77	-5	74	2	60	3.5
22.5	67	-9	63	-2	100	3.2
25.0	66	-6	62	1	150	3.0
27.5	64	-5	60	-2	200	3.1
30.0	62	-2	58	4	250	3.0
32.5	55	-8	51	-2	270	3.0
35.0	58	-7	54	-1	310	3.4
37.5	56	-10	51	-3	320	3.0
40.0	57	-7	52	0	330	3.4
42.5	53	-5	49	2	340	3.6
45.0	55	-4	50	3	350	4.2
47.5	53	-5	48	2	360	4.3
50.0	49	-3	45	3	370	3.7

/DAISY / 580827 / 13000 / 637 / 1715-1735 / 1 / 29 / 76 / 303 /

/ 8 / 25 / 125 / NW / 7 / 300 / 6 / 942 / 81 / 88 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	75	3	79	10	-700	9.4
7.5	81	-2	88	3	-390	6.8
10.0	73	-13	81	-10	-150	6.0
12.5	61	-19	69	-16	-30	5.7
15.0	57	-24	65	-22	50	5.0
17.5	52	-20	60	-18	130	4.5
20.0	47	-14	55	-13	170	3.9
22.5	45	-6	53	-5	200	3.4
25.0	41	-7	49	-7	240	3.6
27.5	37	-10	45	-9	290	3.7
30.0	39	-12	47	-11	330	3.8
32.5	36	-13	44	-13	350	3.7
35.0	33	-11	41	-11	370	4.0
37.5	32	-10	40	-10	370	4.2
40.0	28	-9	36	-9	380	4.4
42.5	29	-9	36	-9	380	4.9
45.0	25	-9	34	-10	390	4.5
47.5	29	-12	37	-12	400	4.6
50.0	30	-8	38	-9	410	4.3

STORM 3
LEVEL 1

STORY	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DAISY	580927	13000	637	1606-1639	O	29	76	25	8	50	NE	2	50	298	6	944	109	10.0	102
DAISY	580927	13000	637	1909-1931	O	29	76	25	8	90	E	2	90	299	6	940	85	12.5	78
DAISY	580827	13000	637	1840-1909	I	29	76	25	8	310	SE	4	150	300	6	940	104	10.0	99
DAISY	580927	13000	637	1750-1815	O	29	76	25	8	185	S	5	185	301	6	942	98	7.5	98
DAISY	580927	13000	637	1547-1606	I	29	76	25	8	50	SW	5	220	302	6	944	99	7.5	95
DAISY	580927	13000	637	1715-1735	I	29	76	25	8	125	NW	7	300	303	6	942	81	7.5	88

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	52	-2	53	-0	-687	9.8	3167
7.5	84	-10	85	-3	-433	7.2	7211
10.0	94	-1	93	1	-232	6.1	9158
12.5	79	-9	78	-7	-104	5.1	6421
15.0	73	-10	72	-8	-2	4.6	5536
17.5	66	-5	66	-3	91	4.4	4574
20.0	59	-9	59	-7	146	4.0	3692
22.5	57	-6	56	-5	180	3.6	3315
25.0	53	-2	52	-2	227	3.5	2942
27.5	50	-4	49	-4	254	3.5	2633
30.0	48	-3	48	-3	289	3.2	2431
32.5	47	-3	46	-3	309	3.3	2265
35.0	45	-2	44	-2	331	3.3	2135
37.5	43	-4	43	-3	340	3.3	1982
40.0	41	-3	40	-2	354	3.4	1804
42.5	41	-3	41	-2	360	3.4	1836
45.0	42	-4	41	-4	370	3.5	1895
47.5	39	-5	38	1	376	3.4	1607
50.0	39	-4	38	-4	390	3.3	1561

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	62	-4	63	-1	-603	8.9	4424
7.5	80	-7	81	-2	-425	7.4	6949
10.0	87	-3	87	-0	-248	6.1	7952
12.5	79	-9	78	-6	-115	5.2	6471
15.0	73	-8	72	-6	-7	4.7	5534
17.5	66	-7	66	-5	80	4.4	4593
20.0	60	-8	60	-6	138	4.0	3823
22.5	57	-7	56	-5	181	3.7	3349
25.0	53	-3	53	-3	222	3.6	2967
27.5	50	-4	50	-3	255	3.5	2666
30.0	48	-3	48	-3	286	3.3	2448
32.5	47	-3	46	-3	309	3.3	2278
35.0	45	-3	44	-3	328	3.3	2133
37.5	43	-3	42	-3	340	3.3	1975
40.0	42	-3	41	-3	352	3.4	1855
42.5	41	-3	41	-3	360	3.4	1853
45.0	41	-4	40	-2	369	3.4	1807
47.5	39	-4	39	-1	378	3.4	1646
50.0	39	-4	38	-3	386	3.4	1589

STORM 3
LEVEL 2

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE	IN RDR CENT EYERAD	MAX WINDS PRES/ACTUAL	/REL	RADIUS /MAX WD/

/DAISY / 580827 / 34200 / 270 / 1656-1712 / 0 / 29 / 76 / 304 /

/ 8 / 25 / 20 / NE / 1 / 25 / 6 / 944 / 69 / 71 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	-6	14	-14	999	-30.8
7.5	45	0	47	-8	999	-32.5
10.0	69	21	71	13	999	-33.1
12.5	57	21	59	13	999	-33.7
15.0	55	16	57	8	999	-34.3
17.5	51	14	53	6	999	-34.8
20.0	43	10	46	2	999	-35.7
22.5	43	6	45	-2	999	-36.7
25.0	42	4	45	-4	999	-36.8
27.5	36	3	39	-5	999	-37.2
30.0	36	4	39	-4	999	-37.2
32.5	37	-3	33	5	999	-37.4
35.0	31	5	33	-2	999	-37.5
37.5	31	4	33	-4	999	-37.7
40.0	30	3	33	-4	999	-37.9
42.5	33	4	36	-4	999	-38.0
45.0	32	6	34	-2	999	-38.0
47.5	32	8	35	0	999	-38.1
50.0	32	10	34	2	999	-38.1

/DAISY / 580827 / 34200 / 270 / 1640-1656 / 1 / 29 / 76 / 306 /

/ 8 / 25 / 160 / SW / 6 / 250 / 6 / 944 / 53 / 55 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	4	-7	5	1	1420	-32.0
7.5	26	5	28	13	1470	-32.7
10.0	53	18	55	26	1520	-33.6
12.5	51	20	54	27	1620	-34.2
15.0	47	14	52	22	1800	-35.0
17.5	49	12	53	19	999	-36.7
20.0	45	6	49	13	999	-37.2
22.5	38	4	42	10	999	-37.2
25.0	32	2	37	9	999	-36.7
27.5	26	2	31	9	999	-37.2
30.0	26	1	31	8	999	-37.5
32.5	25	0	30	7	999	-38.1
35.0	25	0	30	7	999	-38.0
37.5	24	-1	29	5	999	-38.1
40.0	22	-2	27	4	999	-38.0
42.5	17	-4	22	3	999	-38.1
45.0	15	-4	20	2	999	-38.2
47.5	17	-3	22	3	999	-38.3
50.0	17	-4	22	2	999	-38.4

/DAISY / 580827 / 34200 / 270 / 1813-1825 / 0 / 29 / 76 / 305 /

/ 8 / 25 / 160 / S / 4 / 160 / 6 / 942 / 58 / 55 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	58	4	55	11	999	-34.5
15.0	51	8	46	14	999	-35.0
17.5	47	2	42	8	999	-35.9
20.0	45	-2	40	3	999	-36.2
22.5	43	-5	37	0	999	-36.7
25.0	40	-2	34	3	999	-36.9
27.5	37	1	31	6	999	-37.1
30.0	30	2	24	7	999	-37.5
32.5	32	1	26	6	999	-37.6
35.0	30	0	24	5	999	-37.7
37.5	27	-1	21	4	999	-37.7
40.0	25	-4	19	1	999	-37.7
42.5	24	-5	18	0	999	-37.8
45.0	22	-5	16	1	999	-37.9
47.5	21	-4	15	1	999	-37.9
50.0	20	-1	14	4	999	-38.0

/DAISY / 580827 / 34200 / 270 / 1800-1810 / 1 / 29 / 76 / 307 /

/ 8 / 25 / 150 / NW / 7 / 315 / 6 / 942 / 51 / 57 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	51	-13	57	-7	999	-34.5
15.0	47	-11	54	-7	999	-35.3
17.5	39	-7	46	-4	999	-35.5
20.0	39	-5	46	-2	999	-36.7
22.5	42	-6	50	-4	999	-38.0
25.0	37	-3	44	-1	999	-38.0
27.5	34	-3	42	-1	999	-38.0
30.0	31	-2	39	-1	999	-38.0
32.5	27	-1	35	0	999	-37.9
35.0	23	-1	30	-1	999	-37.8
37.5	15	-3	23	-3	999	-37.8
40.0	15	-1	23	-2	999	-37.9
42.5	10	-3	18	-4	999	-37.8
45.0	11	-1	19	-2	999	-38.0
47.5	14	4	22	3	999	-38.5
50.0	14	4	22	3	999	-38.9

STORM 3

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DAISY	580827	34200	270	1656-1712	O	29	76	25	8	20	NE	1	25	304	6	944	69	10.0	71
DAISY	580827	34200	270	1813-1825	O	29	76	25	8	160	S	4	160	305	6	942	58	12.5	55
DAISY	580927	34200	270	1640-1656	I	29	76	25	8	160	SW	6	250	306	6	944	53	10.0	55
DAISY	580827	34200	270	1800-1810	I	29	76	25	8	150	NW	7	315	307	6	942	51	12.5	57

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	8	-6	9	-6	1420	-31.4	92
7.5	35	2	37	2	1470	-32.6	1350
10.0	61	19	63	19	1520	-33.3	3785
12.5	54	9	56	11	1620	-34.2	3023
15.0	50	8	51	10	1800	-34.9	2563
17.5	47	5	48	7	999	-35.7	2232
20.0	43	2	44	3	999	-36.4	1880
22.5	41	-0	42	0	999	-37.1	1745
25.0	38	0	39	1	999	-37.0	1479
27.5	33	1	35	2	999	-37.3	1159
30.0	31	1	32	2	999	-37.5	975
32.5	30	-0	30	4	999	-37.7	981
35.0	27	1	28	2	999	-37.7	788
37.5	25	0	26	0	999	-37.8	667
40.0	23	-1	25	-0	999	-37.8	597
42.5	22	-1	23	-1	999	-37.9	571
45.0	21	-0	22	-0	999	-38.0	513
47.5	21	1	23	1	999	-38.2	528
50.0	21	2	22	2	999	-38.3	515

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	17	-3	18	-3	1436	-31.8	511
7.5	37	5	39	5	1474	-32.6	1749
10.0	53	16	55	16	1533	-33.3	3061
12.5	53	8	54	10	1643	-34.3	2907
15.0	50	7	51	9	1747	-34.9	2566
17.5	46	5	48	7	999	-35.7	2228
20.0	43	2	45	3	999	-36.4	1933
22.5	41	0	42	1	999	-36.9	1726
25.0	37	0	39	1	999	-37.1	1461
27.5	34	1	35	2	999	-37.3	1188
30.0	31	0	32	3	999	-37.5	1030
32.5	30	0	30	3	999	-37.7	945
35.0	27	0	28	2	999	-37.7	797
37.5	25	-0	26	0	999	-37.8	682
40.0	23	-0	25	-0	999	-37.8	612
42.5	22	-1	23	-0	999	-37.9	567
45.0	21	-0	23	0	999	-38.0	530
47.5	21	1	23	1	999	-38.2	525
50.0	21	1	23	2	999	-38.2	518

STORM 3
LEVEL 3

STORM	DATE	PRES ALT FEET	PRES ALT MB.	TIME INTERVAL	IN /OUT	LAT/LONG	ID

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH	AZMTH STM	ANGLE	EYERAD	PRES	MAX WINDS ACTUAL	MAX WINDS REL	RADIUS MAX WD

/DAISY / 580828 / 13000 / 637 / 1852-1909 / 0 / 33 / 74 / 308 /

/17 / 0 / 5 / N / 1 / 5 / 0 / 950 / 68 / 78 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	22	-5	36	-17	-380	12.5
7.5	35	5	45	-9	-350	9.7
10.0	68	-7	78	-23	-260	8.5
12.5	67	-6	76	-20	-170	8.0
15.0	67	-4	73	-17	-60	7.4
17.5	67	-1	73	-16	0	6.3
20.0	65	3	71	-14	50	5.8
22.5	64	5	70	-12	90	4.8
25.0	61	7	67	-11	150	4.2
27.5	59	4	65	-14	200	4.2
30.0	55	0	62	-17	230	4.3
32.5	51	0	57	-18	250	3.8
35.0	53	2	60	-17	280	3.6
37.5	49	4	56	-14	320	3.5
40.0	50	7	57	-11	360	3.5
42.5	46	4	54	-13	400	3.4
45.0	45	6	53	-12	440	3.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/DAISY / 580828 / 13000 / 637 / 1703-1720 / 0 / 33 / 74 / 310 /

/17 / 0 / 110 / E / 3 / 110 / 0 / 950 / 101 / 83 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	51	6	31	14	-450	11.2
7.5	71	-1	51	10	-360	11.0
10.0	87	-5	68	7	-270	10.7
12.5	88	-7	69	5	-180	9.4
15.0	99	-8	81	5	-90	8.7
17.5	101	-10	82	2	-20	8.4
20.0	102	-5	83	8	60	9.0
22.5	100	0	81	12	130	7.4
25.0	96	-1	77	11	200	7.0
27.5	95	-4	76	9	260	6.9
30.0	94	-9	75	4	280	6.4
32.5	90	-5	71	7	310	6.2
35.0	85	-1	66	12	330	6.0
37.5	85	1	66	14	350	5.1
40.0	80	1	62	14	390	4.7
42.5	76	1	57	13	400	4.4
45.0	72	-4	54	9	430	4.1
47.5	72	-7	53	7	440	3.9
50.0	70	-6	51	7	450	4.2

/DAISY / 580828 / 13000 / 637 / 1837-1852 / 17 / 33 / 74 / 312 /

/17 / 0 / 340 / S / 5 / 195 / 0 / 950 / 67 / 73 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	35	-5	49	8	-420	15.3
7.5	46	-4	59	9	-350	15.2
10.0	45	-2	55	13	-290	14.9
12.5	48	1	55	18	-240	12.2
15.0	67	1	73	18	-180	11.9
17.5	59	-4	64	13	-130	11.7
20.0	60	-22	64	-4	-40	9.9
22.5	57	-20	61	-2	40	8.9
25.0	50	-16	54	2	80	8.1
27.5	44	-16	47	2	130	7.1
30.0	46	-15	49	3	190	7.3
32.5	46	-17	48	2	230	7.0
35.0	47	-18	49	1	260	5.7
37.5	44	-17	45	1	280	5.3
40.0	45	-18	46	1	290	4.7
42.5	47	-21	48	-3	310	5.2
45.0	45	-25	45	-6	340	5.6
47.5	46	-24	46	-6	360	5.5
50.0	45	-21	44	-3	380	4.6

/DAISY / 580828 / 13000 / 637 / 1740-1755 / 1 / 33 / 74 / 309 /

/17 / 0 / 230 / NE / 2 / 58 / 0 / 950 / 91 / 71 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	44	16	25	7	-470	9.2
7.5	73	21	52	13	-390	8.4
10.0	75	23	54	15	-300	7.0
12.5	76	20	55	13	-240	6.7
15.0	71	26	71	18	-140	6.6
17.5	98	18	67	11	-90	5.8
20.0	87	13	66	5	-30	5.2
22.5	82	13	61	6	50	4.5
25.0	77	14	56	6	160	4.0
27.5	74	18	53	10	200	3.9
30.0	75	8	54	0	220	3.7
32.5	71	9	50	1	250	3.6
35.0	71	12	50	4	330	3.7
37.5	67	13	46	5	370	3.6
40.0	63	4	42	-5	390	3.7
42.5	54	5	43	-4	410	3.4
45.0	63	7	42	-2	440	3.0
47.5	61	11	40	1	460	2.9
50.0	56	12	35	2	480	2.8

/DAISY / 580828 / 13000 / 637 / 1645-1703 / 1 / 33 / 74 / 311 /

/17 / 0 / 320 / S / 5 / 165 / 0 / 950 / 72 / 72 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-14	39	1	-420	15.7
7.5	53	-24	61	-3	-340	13.9
10.0	65	-20	70	1	-240	11.0
12.5	65	-21	68	1	-170	12.4
15.0	69	-34	71	-13	-80	10.5
17.5	72	-30	72	-8	20	9.8
20.0	68	-27	69	-5	90	8.9
22.5	65	-28	65	-6	130	8.7
25.0	65	-26	65	-4	220	7.4
27.5	68	-26	67	-5	260	6.4
30.0	72	-21	70	1	300	5.0
32.5	68	-17	64	5	340	4.8
35.0	62	-19	58	2	370	4.4
37.5	58	-21	53	0	390	4.2
40.0	56	-17	51	4	420	4.1
42.5	57	-14	51	7	450	5.1
45.0	56	-12	50	8	450	4.3
47.5	55	-13	48	7	470	3.7
50.0	49	-18	42	2	500	3.0

/DAISY / 580828 / 13000 / 637 / 1755-1816 / 0 / 33 / 74 / 313 /

/17 / 0 / 230 / SW / 6 / 230 / 0 / 950 / 66 / 84 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	-3	44	10	-420	14.8
7.5	46	8	64	20	-340	15.0
10.0	60	5	79	17	-280	13.9
12.5	53	0	71	11	-200	13.9
15.0	66	-4	84	6	-100	9.7
17.5	61	-1	80	9	-40	9.0
20.0	57	2	76	12	40	7.5
22.5	53	4	72	14	100	7.0
25.0	53	3	72	13	160	6.6
27.5	50	1	69	11	200	6.3
30.0	46	-6	65	7	230	5.9
32.5	40	-8	59	2	280	6.1
35.0	40	-5	59	5	300	6.1
37.5	37	-6	56	3	320	5.9
40.0	35	-5	54	5	330	4.5
42.5	34	-6	53	4	340	4.1
45.0	38	-6	57	4	360	4.4
47.5	32	-9	51	1	400	4.2
50.0	30	-8	48	2	420	4.1

STORM 3

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DAISY	580928	13000	637	1852-1909	0	33	74	0	17	5	N	1	5	308	0	950	68	10.0	78
DAISY	580928	13000	637	1740-1755	I	33	74	0	17	230	NE	2	58	309	0	950	91	15.0	71
DAISY	580928	13000	637	1703-1720	0	33	74	0	17	110	E	3	110	310	0	950	101	20.0	83
DAISY	580928	13000	637	1645-1703	I	33	74	0	17	320	S	5	165	311	0	950	72	17.5	72
DAISY	580928	13000	637	1837-1852	I	33	74	0	17	340	S	5	195	312	0	950	67	15.0	73
DAISY	580928	13000	637	1755-1816	0	33	74	0	17	230	SW	6	230	313	0	950	66	15.0	84

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	32	-0	37	1	-421	13.0	1145
7.5	51	2	54	6	-353	11.9	2868
10.0	67	-0	70	2	-272	10.8	4684
12.5	66	-2	67	1	-195	10.3	4535
15.0	75	-3	76	0	-98	8.8	5832
17.5	73	-3	74	0	-34	8.1	5622
20.0	71	-2	72	0	34	7.2	5391
22.5	68	-0	69	1	92	6.5	4991
25.0	66	-0	66	2	163	5.9	4593
27.5	64	-1	64	1	209	5.6	4359
30.0	62	-5	63	-1	240	5.3	4225
32.5	58	-4	58	-2	274	5.1	3732
35.0	57	-2	57	-0	308	4.8	3573
37.5	54	-2	54	-0	335	4.6	3250
40.0	53	-2	53	0	361	4.1	3024
42.5	51	-3	51	-0	385	4.1	2864
45.0	51	-3	51	-0	411	3.9	2771
47.5	51	-3	46	1	430	3.8	2876
50.0	48	-3	43	2	450	3.6	2518

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	38	0	42	3	-398	12.6	1720
7.5	52	1	55	4	-344	11.8	3035
10.0	63	-0	65	2	-271	10.9	4234
12.5	67	-1	69	1	-190	10.1	4794
15.0	72	-2	74	0	-105	8.9	5517
17.5	72	-3	73	0	-35	8.1	5538
20.0	71	-2	71	0	31	7.2	5328
22.5	68	-1	69	1	94	6.5	4976
25.0	66	-0	66	1	157	6.0	4630
27.5	64	-2	64	0	204	5.6	4394
30.0	62	-4	62	-1	240	5.3	4144
32.5	59	-4	59	-1	274	5.1	3795
35.0	57	-3	57	-0	306	4.8	3548
37.5	55	-2	55	-0	334	4.5	3268
40.0	53	-2	53	-0	360	4.2	3045
42.5	51	-2	52	-0	385	4.1	2886
45.0	51	-3	51	-0	408	3.9	2768
47.5	51	-3	46	2	429	3.8	2832
50.0	49	-3	44	2	443	3.7	2623

STORM 4
LEVEL 1

STORM / DATE / PRES ALT FEET / TIME MB. / IN INTERVAL /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT AZMTH /NOTH/STM/ANGLE/ IN RDR CENT EYERAD/ MAX WINDS PRES/ACTUAL/REL / RADIUS MAX WD/

/HELENE / 580925 / 6400 / 811 / 1811-1826 / O / 29 / 74 / 225 /
/ 6 / 335 / 20 / N / 2 / 15 / 15 / 982 / 76 / 71 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	4	5	8	0	-360	17.2
7.5	13	9	12	6	-350	16.9
10.0	20	10	16	7	-340	16.8
12.5	24	11	21	8	-320	16.8
15.0	29	13	26	10	-310	17.1
17.5	38	12	33	10	-290	17.3
20.0	46	14	42	11	-270	17.1
22.5	70	19	63	17	-250	16.6
25.0	75	19	70	18	-220	15.9
27.5	76	19	71	16	-170	15.4
30.0	73	18	69	16	-120	15.3
32.5	71	18	67	15	-80	15.1
35.0	68	22	66	19	-50	14.7
37.5	69	16	64	14	-20	14.2
40.0	65	9	999	7	30	999.0
42.5	64	5	999	3	60	999.0
45.0	64	3	999	1	80	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/HELENE / 580925 / 6400 / 811 / 1900-1926 / O / 29 / 74 / 227 /
/ 6 / 335 / 270 / E / 4 / 100 / 15 / 982 / 76 / 72 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	14	999	-390	18.1
7.5	23	-11	21	-5	-390	17.8
10.0	30	-4	28	1	-360	17.6
12.5	35	-2	34	4	-330	17.0
15.0	42	0	40	5	-320	17.0
17.5	45	6	47	11	-300	16.9
20.0	62	13	60	10	-270	16.8
22.5	74	-4	74	0	-240	16.4
25.0	73	-11	72	-5	-210	15.6
27.5	76	-8	72	-2	-170	15.2
30.0	74	-7	70	-1	-130	14.6
32.5	69	-7	66	-1	-80	14.6
35.0	65	-10	64	-3	-50	14.7
37.5	66	-7	62	-1	-10	14.6
40.0	61	-5	60	0	20	14.4
42.5	64	-9	60	-3	40	14.4
45.0	63	-13	61	-7	60	14.4
47.5	64	-11	62	-6	80	14.2
50.0	66	-7	63	-1	100	14.0

/HELENE / 580925 / 6400 / 811 / 1750-1811 / I / 29 / 74 / 229 /
/ 6 / 335 / 50 / SW / 7 / 230 / 15 / 982 / 48 / 53 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	2	-2	8	-9	-380	17.6
7.5	8	1	13	-3	-370	18.1
10.0	13	1	18	-2	-360	18.9
12.5	17	0	24	-2	-340	19.5
15.0	24	-5	30	-7	-310	19.8
17.5	33	-8	40	-10	-290	19.5
20.0	43	-8	49	-10	-250	18.6
22.5	48	-8	53	-11	-210	17.9
25.0	48	-10	53	-11	-170	17.6
27.5	46	-9	52	-11	-140	16.8
30.0	45	-9	52	-12	-110	16.0
32.5	45	-11	51	-13	-70	15.8
35.0	41	-10	50	-12	-40	15.6
37.5	41	-8	49	-10	0	15.8
40.0	40	-13	48	-14	30	16.0
42.5	40	-9	47	-11	60	15.8
45.0	39	-8	46	-10	80	15.2
47.5	39	-6	45	-8	90	14.6
50.0	36	-7	44	-8	100	14.8

/HELENE / 580925 / 6400 / 811 / 2013-2019 / I / 29 / 74 / 226 /
/ 6 / 335 / 40 / NE / 3 / 65 / 15 / 982 / 61 / 63 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	-7	999	999	-360	17.7
7.5	18	-3	999	-3	-360	17.2
10.0	24	1	999	6	-360	16.8
12.5	28	-1	999	4	-340	16.5
15.0	37	0	999	4	-310	16.4
17.5	47	0	999	6	-270	16.2
20.0	59	2	999	7	-240	16.4
22.5	61	3	999	12	-200	999.0
25.0	999	999	999	999	999	999.0
27.5	999	999	999	999	999	999.0
30.0	999	999	999	999	999	999.0
32.5	999	999	999	999	999	999.0
35.0	999	999	999	999	999	999.0
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/HELENE / 580925 / 6400 / 811 / 2019-2037 / O / 29 / 74 / 228 /
/ 6 / 335 / 220 / S / 6 / 200 / 15 / 982 / 58 / 64 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	4	15	4	-350	20.0
7.5	15	3	23	7	-340	18.4
10.0	26	8	33	10	-320	18.0
12.5	30	14	40	15	-270	17.3
15.0	41	11	48	12	-230	17.4
17.5	48	12	57	12	-170	16.1
20.0	58	6	64	7	-130	17.7
22.5	58	3	64	2	-100	16.7
25.0	54	2	62	2	-70	16.3
27.5	52	3	60	3	-30	15.9
30.0	52	4	59	4	0	15.4
32.5	50	3	57	2	30	15.0
35.0	48	3	54	3	50	15.2
37.5	45	4	52	4	70	15.1
40.0	45	5	51	4	100	15.0
42.5	44	2	52	1	120	15.0
45.0	46	3	53	2	130	15.0
47.5	47	3	53	2	150	14.9
50.0	46	4	52	4	160	14.6

/HELENE / 580925 / 6400 / 811 / 1841-1900 / I / 29 / 74 / 230 /
/ 6 / 335 / 330 / W / 8 / 270 / 15 / 982 / 53 / 59 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	9	999	-400	18.2
7.5	5	0	13	0	-390	17.2
10.0	11	3	18	0	-370	16.9
12.5	18	8	23	4	-360	16.8
15.0	27	3	32	0	-330	18.8
17.5	36	-6	41	-10	-300	18.4
20.0	46	-2	51	-7	-260	20.0
22.5	52	-6	57	-11	-220	20.4
25.0	53	-1	58	-5	-190	19.6
27.5	50	5	54	-2	-160	19.3
30.0	51	10	54	4	-120	17.6
32.5	52	10	55	3	-90	17.3
35.0	52	13	55	8	-60	16.7
37.5	53	15	55	10	-30	15.8
40.0	53	17	54	10	10	15.5
42.5	51	16	52	10	40	15.4
45.0	48	12	49	5	40	14.9
47.5	47	10	47	5	60	14.4
50.0	46	10	47	4	80	14.4

STORM 4
LEVEL 1

STORM	DATE	/LVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HELENE	580925	6400	811	1911-1926	O	29	74	335	6	20	N	2	15	225	15	982	76	27.5	71
HELENE	580925	6400	811	2013-2019	I	29	74	335	6	40	NE	3	65	226	15	982	61	22.5	63
HELENE	580925	6400	811	1900-1926	O	29	74	335	6	270	E	4	100	227	15	982	76	27.5	72
HELENE	580925	6400	811	2019-2037	O	29	74	335	6	220	S	6	200	228	15	982	58	20.0	64
HELENE	580925	6400	811	1750-1811	I	29	74	335	6	50	SW	7	230	229	15	982	48	22.5	53
HELENE	580925	6400	811	1841-1900	I	29	74	335	6	330	W	8	270	230	15	982	53	25.0	58

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	7	-0	11	-0	-373	18.2	93
7.5	13	0	16	0	-364	17.6	225
10.0	20	3	22	4	-350	17.4	485
12.5	25	6	28	6	-325	17.2	702
15.0	33	4	35	5	-301	17.7	1167
17.5	41	3	43	4	-269	17.7	1734
20.0	52	5	53	3	-237	17.8	2800
22.5	61	2	63	2	-205	17.5	3896
25.0	63	1	64	1	-179	16.8	4169
27.5	63	3	63	2	-139	16.2	4205
30.0	62	4	62	4	-99	15.7	4022
32.5	60	4	60	3	-61	15.5	3746
35.0	57	5	59	5	-32	15.3	3429
37.5	57	5	58	5	-1	14.9	3470
40.0	55	4	55	3	36	15.0	3157
42.5	55	1	54	1	61	15.0	3162
45.0	54	-0	54	-1	75	14.7	3094
47.5	53	-1	53	-1	87	14.4	2902
50.0	53	0	54	0	104	14.3	2938

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	9	0	12	0	-370	18.0	128
7.5	15	0	17	1	-362	17.6	286
10.0	20	3	22	3	-347	17.4	490
12.5	26	5	28	5	-324	17.3	765
15.0	33	4	35	4	-299	17.6	1208
17.5	42	4	43	4	-269	17.7	1869
20.0	52	4	53	3	-237	17.7	2841
22.5	59	3	61	2	-206	17.4	3645
25.0	62	2	63	2	-177	16.8	4085
27.5	63	3	63	2	-139	16.2	4129
30.0	62	4	62	3	-100	15.7	3980
32.5	60	4	61	3	-63	15.5	3725
35.0	58	5	59	4	-32	15.2	3513
37.5	57	5	58	4	0	15.0	3403
40.0	55	3	55	3	33	15.1	3220
42.5	55	1	54	1	58	14.9	3159
45.0	55	0	54	-0	74	14.7	3119
47.5	53	-0	54	-0	86	14.5	2909
50.0	53	0	54	0	98	14.4	2928

STORM .4
LEVEL 2

STORM	DATE	PRES ALT FEET	MB.	TIME IN INTERVAL	/OUT/	LAT/LONG/	ID

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH/STM	IN RDR ANGLE	CENT EYERAD	MAX WINDS PRES/ACTUAL	REL	RADIUS MAX WD

/HELENE / 580926 / 6400 / 811 / 1731-1747 / I / 30 / 76 / 231 /

/ 9 / 315 / 15 / N / 2 / 0 / 9 / 948 / 79 / 86 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	999	999	999	999	999	999.0
20.0	999	999	999	999	999	999.0
22.5	999	999	999	999	999	999.0
25.0	79	-2	86	6	-350	15.0
27.5	76	-1	84	6	-280	14.9
30.0	73	-2	80	6	-240	14.8
32.5	66	-5	75	4	-170	15.1
35.0	60	-5	70	2	-160	14.4
37.5	58	-4	67	3	-130	14.1
40.0	56	-5	65	2	-110	14.3
42.5	54	-3	63	2	-70	14.5
45.0	55	-5	64	2	-60	14.7
47.5	56	-6	64	-1	-40	14.2
50.0	55	-13	63	-6	-20	14.6

/HELENE / 580926 / 6400 / 811 / 1802-1826 / I / 30 / 76 / 233 /

/ 9 / 315 / 300 / E / 3 / 70 / 9 / 948 / 83 / 91 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	999	999	999	999	999	999.0
20.0	999	999	999	999	999	999.0
22.5	999	999	999	999	999	999.0
25.0	90	-3	81	2	-420	16.7
27.5	91	0	83	6	-390	18.2
30.0	86	-1	78	6	-330	17.6
32.5	80	0	72	8	-280	17.1
35.0	77	3	70	11	-240	17.6
37.5	73	3	66	11	-200	17.2
40.0	71	7	65	15	-150	16.3
42.5	67	9	61	18	-130	15.6
45.0	65	10	59	19	-100	14.9
47.5	63	9	58	18	-70	15.0
50.0	60	8	55	17	-20	14.6

/HELENE / 580926 / 6400 / 811 / 1826-1842 / D / 30 / 76 / 232 /

/ 9 / 315 / 335 / NE / 2 / 30 / 9 / 948 / 99 / 86 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	999	999	999	999	999	999.0
20.0	999	999	999	999	999	999.0
22.5	999	999	999	999	999	999.0
25.0	99	-5	86	-3	-470	16.4
27.5	89	-7	81	-3	-380	15.7
30.0	86	-3	75	-4	-300	15.3
32.5	82	-2	72	-4	-240	15.5
35.0	77	-3	67	-5	-190	15.4
37.5	72	-5	63	-7	-160	14.5
40.0	70	-3	60	-6	-130	15.2
42.5	65	-4	56	-8	-80	14.8
45.0	62	-3	54	-8	-30	15.0
47.5	63	-5	54	-8	-10	14.8
50.0	63	-4	55	-8	10	14.7

/HELENE / 580926 / 6400 / 811 / 1756-1804 / D / 30 / 76 / 234 /

/ 9 / 315 / 90 / SE / 4 / 130 / 9 / 948 / 80 / 85 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	999	999	999	999	999	999.0
20.0	999	999	999	999	999	999.0
22.5	999	999	999	999	999	999.0
25.0	90	-1	85	8	-320	999.0
27.5	80	-4	84	11	-260	14.9
30.0	80	0	83	11	-240	14.9
32.5	77	-1	79	15	-210	14.1
35.0	74	3	76	17	-170	14.6
37.5	73	7	75	17	-150	14.8
40.0	70	8	72	17	-130	15.3
42.5	68	8	70	18	-100	14.9
45.0	66	7	68	17	-90	14.4
47.5	64	8	65	18	-60	15.3
50.0	63	7	64	17	-20	15.2

STORM 4
LEVEL 2

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN RDR CENT EYERAD/	MAX WINDS PRES/	ACTUAL/	REL	RADIUS /MAX WD/

/HELENE / 580926 / 6400 / 811 / 1954-2004 / I / 30 / 76 / 235 /

/ 9 / 315 / 55 / S / 6 / 200 / 9 / 948 / 66 / 75 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	999	999	999	999	999	999.0
20.0	999	999	999	999	999	999.0
22.5	999	999	999	999	999	999.0
25.0	66	999	75	1	-430	14.3
27.5	66	-3	75	1	-400	14.4
30.0	64	-1	73	1	-370	14.4
32.5	62	3	72	4	-350	14.9
35.0	61	6	70	7	-330	15.9
37.5	61	7	71	8	-300	15.1
40.0	63	6	73	6	-250	15.1
42.5	63	5	73	5	-220	14.2
45.0	63	7	71	5	-180	14.9
47.5	56	8	66	7	-190	14.0
50.0	54	5	63	5	-190	14.3

/HELENE / 580926 / 6400 / 811 / 1857-1905 / 9/ 30 / 76 / 239 /

/ 9 / 315 / 265 / W / 8 / 290 / 9 / 948 / 92 / 92 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	999	999	999	999	999	999.0
20.0	999	999	999	999	999	999.0
22.5	999	999	999	999	999	999.0
25.0	92	13	92	3	-430	15.5
27.5	87	9	87	-1	-390	14.9
30.0	83	8	86	-2	-320	14.8
32.5	80	10	82	0	-270	15.1
35.0	75	11	77	1	-250	15.2
37.5	71	7	74	-2	-230	15.0
40.0	70	6	73	-4	-190	15.1
42.5	69	1	74	-7	-170	14.4
45.0	71	4	75	-5	-150	15.1
47.5	73	11	77	0	-120	14.8
50.0	70	10	74	1	-110	15.0

/HELENE / 580926 / 6400 / 811 / 1910-1925 / I / 30 / 76 / 237 /

/ 9 / 315 / 110 / SW / 7 / 235 / 9 / 948 / 75 / 85 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	999	999	999	999	999	999.0
20.0	999	999	999	999	999	999.0
22.5	999	999	999	999	999	999.0
25.0	75	-3	85	-5	-470	14.6
27.5	74	-3	82	-5	-430	14.7
30.0	69	-3	80	-7	-360	14.7
32.5	69	-2	76	-7	-280	15.3
35.0	68	2	76	-4	-260	15.2
37.5	69	-5	78	-6	-320	14.8
40.0	66	4	74	-2	-240	14.7
42.5	63	3	72	-3	-190	14.6
45.0	61	4	68	-3	-200	14.9
47.5	60	6	67	-1	-170	13.9
50.0	59	7	65	0	-110	14.0

/HELENE / 580926 / 6400 / 811 / 1847-1856 / I / 30 / 76 / 240 /

/ 9 / 315 / 285 / NW / 1 / 325 / 9 / 948 / 80 / 77 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	999	999	999	999	999	999.0
20.0	999	999	999	999	999	999.0
22.5	999	999	999	999	999	999.0
25.0	80	6	77	0	-300	15.5
27.5	74	4	72	-5	-290	15.0
30.0	70	2	67	-6	-220	15.2
32.5	66	3	63	-6	-190	15.3
35.0	62	2	58	-7	-150	15.4
37.5	60	3	55	-6	-110	15.1
40.0	59	4	54	-5	-70	15.0
42.5	58	3	52	-5	-40	15.1
45.0	60	4	55	-6	0	15.0
47.5	61	2	55	-7	30	14.5
50.0	60	1	54	-8	30	14.7

STORM 4
LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HELENE	580926	6400	811	1731-1747	I	30	76	315	9	15	N	2	0	231	9	948	79	25.0	86
HELENE	580926	6400	811	1826-1842	O	30	76	315	9	335	NE	2	30	232	9	948	99	25.0	86
HELENE	580926	6400	811	1802-1826	I	30	76	315	9	300	E	3	70	233	9	949	83	27.5	91
HELENE	580926	6400	811	1756-1904	O	30	76	315	9	90	SE	4	130	234	9	948	80	25.0	85
HELENE	580926	6400	811	1954-2004	I	30	76	315	9	55	S	6	200	235	9	948	66	25.0	75
HELENE	580926	6400	811	1910-1925	I	30	76	315	9	110	SW	7	235	237	9	948	75	25.0	85
HELENE	580926	6400	811	1857-1905	O	30	76	315	9	265	W	8	290	239	9	948	92	25.0	92
HELENE	580926	6400	811	1847-1856	I	30	76	315	9	285	NW	1	325	240	9	948	80	25.0	77

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	999	999	999	999	999	999.0	999
7.5	999	999	999	999	999	999.0	999
10.0	999	999	999	999	999	999.0	999
12.5	999	999	999	999	999	999.0	999
15.0	999	999	999	999	999	999.0	999
17.5	999	999	999	999	999	999.0	999
20.0	999	999	999	999	999	999.0	999
22.5	999	999	999	999	999	999.0	999
25.0	81	0	83	1	-397	15.4	6815
27.5	79	-0	81	1	-350	15.3	6395
30.0	76	0	78	1	-300	15.2	5912
32.5	72	0	74	2	-253	15.3	5368
35.0	69	2	71	4	-223	15.5	4911
37.5	67	2	69	3	-205	15.1	4627
40.0	66	4	67	4	-163	15.2	4418
42.5	64	3	66	4	-131	14.8	4129
45.0	63	4	65	4	-108	14.8	4044
47.5	62	5	63	5	-86	14.6	3895
50.0	60	3	62	4	-59	14.7	3698

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	999	999	999	999	999	999.0	999
7.5	999	999	999	999	999	999.0	999
10.0	999	999	999	999	999	999.0	999
12.5	999	999	999	999	999	999.0	999
15.0	999	999	999	999	999	999.0	999
17.5	999	999	999	999	999	999.0	999
20.0	999	999	999	999	999	999.0	999
22.5	999	999	999	999	999	999.0	999
25.0	81	0	82	1	-382	15.5	6675
27.5	79	-0	80	1	-346	15.3	6344
30.0	76	0	77	1	-300	15.3	5884
32.5	72	1	74	2	-257	15.3	5383
35.0	70	2	71	3	-227	15.4	4958
37.5	67	2	69	4	-200	15.2	4658
40.0	66	3	67	4	-164	15.1	4406
42.5	64	3	66	4	-133	14.9	4177
45.0	63	4	65	4	-109	14.8	4040
47.5	62	4	63	4	-85	14.7	3892
50.0	61	4	62	4	-68	14.7	3759

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH/STM	IN NDR ANGLE	PER CENT EYERAD	MAX WINDS PRES	ACTUAL	REL	RADIUS /MAX WD/

/HELENE / 580926 / 6400 / 811 / 1900-1932 / I / 30 / 76 / 241 /

/ 9 / 315 / 5 / S / 6 / 190 / 9 / 948 / 97 / 106 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	0	-14	8	999	-1190	19.4
7.5	8	-24	22	999	-1180	18.2
10.0	23	-24	39	999	-1150	17.4
12.5	62	-33	79	999	-1110	15.4
15.0	82	-48	99	999	-1070	12.4
17.5	86	-28	101	999	-950	12.0
20.0	97	-8	106	999	-790	10.8
22.5	87	-14	97	999	-650	10.8
25.0	76	-17	85	999	-530	9.8
27.5	77	-15	87	999	-450	9.6
30.0	76	-4	84	999	-390	8.8
32.5	77	-2	78	999	-320	8.5
35.0	64	0	74	999	-280	9.2
37.5	63	-3	73	999	-230	9.0
40.0	61	-1	70	999	-180	8.6
42.5	57	0	60	999	-130	8.6
45.0	64	3	84	999	-80	9.2
47.5	62	4	83	999	-40	9.0
50.0	54	-1	83	999	0	8.6

STORM 4

LEVEL 3

STORM 4

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HELENE	58C926	64C0	811	1900-1932	I	30	76	315	9	5	S	6	190	241	9	948	97	20.0	106

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VATZ
5.0	0	-14	8	999	-1190	19.4	0
7.5	8	-24	22	999	-1180	18.2	64
10.0	23	-24	39	999	-1150	17.4	529
12.5	62	-33	79	999	-1110	15.4	3844
15.0	82	-48	99	999	-1070	12.4	6724
17.5	86	-28	101	999	-950	12.0	7396
20.0	97	-8	106	999	-790	10.8	9409
22.5	87	-14	97	999	-650	10.8	7569
25.0	76	-17	85	999	-530	9.8	5776
27.5	77	-15	87	999	-450	9.6	5929
30.0	76	-4	84	999	-390	8.8	5776
32.5	77	-2	78	999	-320	8.5	5929
35.0	64	0	74	999	-280	9.2	4096
37.5	63	-3	73	999	-230	9.0	3969
40.0	61	-1	70	999	-180	8.6	3721
42.5	57	0	60	999	-130	8.6	3249
45.0	64	3	84	999	-80	9.2	4096
47.5	62	4	83	999	-40	9.0	3844
50.0	54	-1	83	999	0	8.6	2916

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VATZ
5.0	2	-17	12	999	-1186	19.0	21
7.5	10	-22	23	999	-1174	18.2	169
10.0	29	-25	45	999	-1146	17.1	1267
12.5	58	-34	75	999	-1109	15.1	3919
15.0	77	-39	93	999	-1049	13.0	6190
17.5	86	-25	100	999	-934	11.9	7597
20.0	91	-13	102	999	-791	11.1	8496
22.5	85	-14	95	999	-655	10.6	7352
25.0	78	-15	88	999	-541	10.0	6208
27.5	77	-12	86	999	-457	9.5	5960
30.0	76	-5	83	999	-389	8.9	5860
32.5	73	-2	78	999	-327	8.8	5453
35.0	66	-1	74	999	-279	9.0	4403
37.5	63	-2	72	999	-229	8.9	4015
40.0	60	-1	68	999	-179	8.7	3676
42.5	59	0	68	999	-129	8.8	3567
45.0	62	2	79	999	-82	9.0	3900
47.5	60	2	82	999	-40	8.9	3626
50.0	56	0	82	999	-13	8.7	3152

STORM 4
LEVEL 4

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PRES/ACTUAL/REL / MAX WINDS /MAX WD/ RADIUS

/HELENE / 580926 / 1600 / 577 / 2032-2045 / I / 30 / 76 / 242 /
/ 9 / 315 / 200 / N / 2 / 10 / 9 / 948 / 102 / 96 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	0	7	7	0	-910	10.2
7.5	12	-2	25	-1	-900	2.0
10.0	50	7	55	0	-840	1.4
12.5	90	13	88	6	-750	.4
15.0	101	11	96	6	-620	.1
17.5	100	2	96	2	-420	.2
20.0	102	12	97	7	-270	.4
22.5	97	13	87	7	-170	.4
25.0	90	7	80	3	-30	.2
27.5	84	7	76	2	90	0.0
30.0	84	4	76	0	190	.6
32.5	81	2	74	-2	260	1.1
35.0	84	1	76	-4	320	2.2
37.5	999	0	80	-5	380	3.2
40.0	999	-1	77	999	380	5.8
42.5	999	6	69	999	380	9.2
45.0	999	9	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/HELENE / 580926 / 1600 / 577 / 2106-2122 / O / 30 / 76 / 244 /
/ 9 / 315 / 35 / NE / 2 / 40 / 9 / 948 / 101 / 91 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	16	13	13	-830	10.2
7.5	27	13	21	13	-820	9.8
10.0	45	12	41	12	-790	8.4
12.5	92	12	77	8	-720	6.0
15.0	101	-2	91	-1	-600	4.2
17.5	100	-5	91	-4	-460	3.2
20.0	98	-4	80	-4	-320	2.4
22.5	96	-6	89	-6	-190	2.2
25.0	96	-8	87	-8	-70	1.9
27.5	92	-1	84	-3	-30	1.4
30.0	92	2	83	2	110	1.5
32.5	90	-2	80	-2	170	1.5
35.0	85	-2	78	-2	230	.8
37.5	90	-10	80	-5	270	.6
40.0	84	-2	77	-3	330	1.0
42.5	77	2	69	0	370	1.0
45.0	72	4	67	3	400	.8
47.5	61	8	58	6	420	.6
50.0	64	6	56	6	410	-.1

/HELENE / 580926 / 1600 / 577 / 2135-2152 / I / 30 / 76 / 246
/ 9 / 315 / 140 / NW / 8 / 310 / 9 / 948 / 107 / 98 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	5	10	-2	-890	9.0
7.5	13	9	15	0	-870	7.5
10.0	28	3	30	3	-810	5.4
12.5	55	10	53	7	-720	3.9
15.0	80	17	79	11	-600	3.0
17.5	107	24	98	15	-480	1.0
20.0	96	13	95	4	-350	0.0
22.5	82	15	85	7	-250	.2
25.0	82	16	78	7	-160	.2
27.5	75	8	73	5	-70	.2
30.0	67	14	69	6	20	0.0
32.5	72	12	68	5	90	-.2
35.0	70	11	68	2	170	-.6
37.5	68	10	68	2	240	-.8
40.0	71	11	68	3	290	-1.0
42.5	63	19	64	10	350	-.6
45.0	58	8	58	7	390	.2
47.5	51	-6	55	-11	410	0.0
50.0	59	5	59	-4	430	-.8

/HELENE / 580926 / 1600 / 577 / 2018-2031 / I / 30 / 76 / 243 /
/ 9 / 315 / 35 / NE / 2 / 35 / 9 / 948 / 119 / 107 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	4	10	-4	999	9.4
7.5	27	-3	19	-4	-800	9.6
10.0	46	-4	38	-4	-720	9.4
12.5	92	6	73	5	-700	7.6
15.0	113	5	111	5	-580	4.6
17.5	115	-1	107	2	-440	2.8
20.0	114	2	107	2	-340	2.2
22.5	106	-3	94	-1	-260	1.4
25.0	97	-3	91	-1	-180	.9
27.5	87	-6	88	-4	-100	.4
30.0	96	-2	85	-1	-10	.1
32.5	91	-7	80	-6	80	.3
35.0	89	-6	77	-5	180	.6
37.5	84	-8	77	-8	200	.7
40.0	87	-10	78	-8	320	1.0
42.5	93	-16	81	-11	370	2.0
45.0	999	4	999	0	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/HELENE / 580926 / 1600 / 577 / 2152-2209 / O / 30 / 76 / 245 /
/ 9 / 315 / 270 / W / 7 / 270 / 9 / 948 / 89 / 91 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	4	3	12	-1	999	10.7
7.5	15	6	20	0	-840	10.2
10.0	27	12	36	4	-790	9.3
12.5	62	14	66	7	-720	7.4
15.0	83	17	82	11	-640	5.6
17.5	87	13	89	8	-550	3.2
20.0	89	10	92	6	-450	.2
22.5	89	1	91	4	-350	0.0
25.0	84	4	89	-3	-260	.4
27.5	78	4	83	-2	-160	.4
30.0	71	2	77	-4	-80	-.1
32.5	70	0	76	-4	10	-.5
35.0	72	7	80	0	100	-.4
37.5	71	-2	78	-7	180	-.6
40.0	67	-10	73	-16	270	-.7
42.5	59	-10	71	-12	330	-.7
45.0	72	3	73	-4	370	-1.0
47.5	66	-9	74	-5	400	-1.3
50.0	59	-16	75	-22	400	-1.6

STORM 4

LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HELENE	580926	15600	577	2032-2045	I	30	76	315	9	290	N	2	10	242	9	948	102	20.0	96
HELENE	580926	15600	577	2018-2031	I	30	76	315	9	35	NE	2	35	243	9	948	119	15.0	107
HELENE	580926	15600	577	2106-2122	O	30	76	315	9	35	NE	2	40	244	9	948	101	15.0	91
HELENE	580926	15600	577	2152-2200	O	30	76	315	9	270	W	7	270	245	9	948	89	22.5	91
HELENE	580926	15600	577	2135-2152	I	30	76	315	9	140	NW	8	310	246	9	948	107	17.5	98

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	9	8	11	3	-867	10.2	148
7.5	18	7	20	3	-843	8.7	393
10.0	36	9	39	5	-795	7.5	1426
12.5	74	12	70	7	-722	5.6	5860
15.0	92	7	87	6	-616	4.1	8596
17.5	96	6	92	4	-490	2.5	9423
20.0	95	5	89	2	-367	1.0	9154
22.5	91	1	89	1	-258	.9	8491
25.0	88	1	95	-2	-153	.9	7936
27.5	83	2	81	-0	-73	.7	7050
30.0	79	3	78	-0	30	.5	6493
32.5	78	0	76	-1	105	.4	6320
35.0	78	3	77	-1	181	.3	6145
37.5	78	-2	77	-4	242	.3	6218
40.0	75	-3	74	-7	307	.7	5807
42.5	69	-0	69	-4	353	1.1	5010
45.0	69	4	67	0	386	.0	4855
47.5	61	-0	63	-1	410	-.2	3756
50.0	61	-2	63	-6	409	-.8	3754

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	12	7	14	3	-862	9.7	230
7.5	21	8	23	4	-830	8.7	610
10.0	42	9	43	5	-786	7.3	2331
12.5	71	11	67	6	-712	5.7	5662
15.0	87	9	83	5	-609	4.1	8069
17.5	94	7	89	4	-489	2.5	9018
20.0	94	5	89	2	-371	1.3	8954
22.5	91	2	88	0	-260	1.0	8468
25.0	88	2	85	-1	-160	.8	7847
27.5	83	2	81	-0	-68	.7	7110
30.0	80	2	78	-0	24	.5	6604
32.5	79	2	76	-1	104	.4	6347
35.0	78	1	77	-2	177	.3	6233
37.5	77	-1	76	-4	242	.4	6119
40.0	74	-2	73	-5	302	.7	5686
42.5	71	0	70	-3	348	1.0	5243
45.0	67	2	67	-1	382	-.0	4600
47.5	62	-0	64	-2	403	-.3	3967
50.0	61	-1	63	-4	407	-.6	3825

STORM 4.

LEVEL 5

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG /OCTANT NOTH/AZMTH STM/ANGLE/ EYERAD/ IN RDR CENT PRES/MAX WINDS ACTUAL/REL /RADIUS MAX WD/

/HELENE / 580926 / 34200 / 270 / 1802-1810 / 1 / 30 / 76 / 247 /

/ 9 / 315 / 300 / NE / 1 / 25 / 9 / 948 / 81 / 72 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	37	-2	3	1	1520	-31.3
7.5	64	0	5	1	1550	-31.2
10.0	72	1	7	1	1590	-31.1
12.5	81	2	13	2	1630	-31.0
15.0	90	6	23	5	1670	-31.2
17.5	76	15	43	15	1690	-31.8
20.0	72	17	63	16	1720	-32.6
22.5	70	8	72	8	1750	-33.8
25.0	75	3	69	3	1780	-35.0
27.5	74	-1	66	-1	1800	-35.8
30.0	74	-5	61	-5	1820	-36.2
32.5	72	-3	59	-3	1840	-36.7
35.0	69	6	62	5	1870	-37.0
37.5	67	12	63	13	1890	-37.5
40.0	68	17	63	17	1930	-37.8
42.5	67	20	62	19	1940	-37.8
45.0	63	20	60	19	1970	-37.8
47.5	64	20	58	20	1980	-37.8
50.0	64	25	58	25	1990	-37.9

/HELENE / 580926 / 34200 / 270 / 1810-1815 / 0 / 30 / 76 / 249 /

/ 9 / 315 / 210 / SW / 5 / 210 / 9 / 948 / 44 / 55 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	9	-9	9	-3	1560	-31.4
7.5	10	-7	13	-7	1570	-31.2
10.0	14	-8	20	-8	1600	-31.1
12.5	21	-7	30	-6	1620	-30.9
15.0	27	-1	38	0	1640	-30.9
17.5	34	0	43	1	1670	-31.0
20.0	27	1	38	2	1690	-31.1
22.5	35	6	45	8	1720	-31.2
25.0	43	16	53	17	1750	-31.6
27.5	44	11	54	11	1760	-33.1
30.0	44	1	55	2	1800	-33.9
32.5	40	0	50	1	1820	-34.2
35.0	37	-2	47	-1	1840	-34.6
37.5	37	-2	48	-2	1850	-34.7
40.0	37	-1	48	0	1850	-35.0
42.5	36	2	47	2	1860	-35.2
45.0	35	5	45	5	1810	-35.4
47.5	36	999	44	999	1890	999.0
50.0	999	999	43	999	1900	999.0

/HELENE / 580926 / 34200 / 270 / 1729-1735 / 0 / 30 / 76 / 248 /

/ 9 / 315 / 75 / E / 2 / 80 / 9 / 948 / 76 / 74 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	2	-2	11	10	1460	-30.5
7.5	16	-5	15	8	1470	-30.4
10.0	20	-2	19	10	1460	-30.4
12.5	22	1	21	13	1470	-30.5
15.0	27	2	25	14	1480	-30.7
17.5	30	3	31	18	1490	-30.7
20.0	76	9	74	22	1500	-31.3
22.5	74	11	69	13	1510	-32.1
25.0	71	-9	63	3	1540	-33.2
27.5	67	-3	60	-1	1560	-34.4
30.0	64	-3	57	-1	1580	-34.8
32.5	61	-13	53	-3	1600	-35.8
35.0	65	-17	55	-7	1620	-36.2
37.5	65	-14	56	-5	1670	-36.7
40.0	65	-4	56	-3	1700	-36.8
42.5	64	-1	56	0	1720	-36.8
45.0	61	-5	53	3	1760	-37.0
47.5	56	-3	48	6	1810	-37.2
50.0	54	-2	47	7	1840	-36.9

/HELENE / 580926 / 34200 / 270 / 1722-1728 / 1 / 30 / 76 / 250 /

/ 9 / 315 / 100 / W / 7 / 240 / 9 / 949 / 67 / 59 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	7	-6	15	-15	999	-30.2
7.5	7	-7	13	-10	999	-30.0
10.0	10	-3	10	-8	999	-30.0
12.5	18	1	23	-5	999	-30.6
15.0	35	5	33	-1	999	-31.2
17.5	52	12	49	0	999	-31.6
20.0	60	13	52	3	999	-32.4
22.5	67	5	59	6	999	-33.6
25.0	64	7	56	12	999	-34.0
27.5	56	23	53	16	999	-34.6
30.0	58	28	52	16	999	-34.9
32.5	55	28	47	16	999	-35.4
35.0	54	28	46	17	999	-35.6
37.5	53	30	44	18	999	-35.8
40.0	50	29	40	17	999	-36.0
42.5	45	24	37	14	999	-36.2
45.0	45	24	38	13	999	-36.4
47.5	45	23	39	12	999	-36.5
50.0	43	22	36	11	999	-36.7

STORM 4

LEVEL 5

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HELENE	580926	34200	270	1802-1810	I	30	76	315	9	300	NE	1	25	247	9	948	81	12.5	72
HELENE	580926	34200	270	1729-1735	O	30	76	315	9	75	E	2	80	248	9	948	76	20.0	74
HELENE	580926	34200	270	1810-1815	O	30	76	315	9	210	SW	5	210	249	9	948	44	27.5	55
HELENE	580926	34200	270	1722-1728	I	30	76	315	9	100	W	7	290	250	9	948	67	22.5	59

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	14	-5	9	-1	1521	-30.9	341
7.5	19	-5	11	-2	1537	-30.7	714
10.0	26	-3	14	-1	1560	-30.7	1264
12.5	33	-1	22	0	1584	-30.7	1698
15.0	39	2	30	4	1608	-31.0	2031
17.5	51	6	46	8	1630	-31.2	2840
20.0	56	9	55	10	1650	-31.8	3651
22.5	60	7	60	8	1675	-32.6	3876
25.0	61	4	59	9	1705	-33.3	4001
27.5	59	7	57	6	1721	-34.4	3621
30.0	58	5	56	3	1749	-34.9	3575
32.5	55	2	51	2	1769	-35.4	3237
35.0	54	3	51	3	1793	-35.8	3185
37.5	54	5	52	5	1816	-36.1	3102
40.0	53	9	51	6	1837	-36.3	3055
42.5	51	10	50	7	1849	-36.4	2857
45.0	49	10	48	9	1848	-36.6	2632
47.5	49	12	46	11	1898	-37.0	2529
50.0	51	13	45	12	1913	-37.0	2709

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	-5	10	-1	1526	-30.8	465
7.5	20	-4	12	-1	1540	-30.7	789
10.0	26	-3	15	-1	1561	-30.7	1254
12.5	33	-0	22	1	1584	-30.8	1670
15.0	41	2	32	4	1607	-31.0	2143
17.5	50	6	45	7	1629	-31.3	2868
20.0	56	8	54	9	1651	-31.9	3512
22.5	59	6	58	9	1677	-32.6	3816
25.0	60	6	58	8	1702	-33.4	3860
27.5	59	6	57	6	1723	-34.2	3669
30.0	58	5	55	3	1748	-34.8	3514
32.5	56	3	52	3	1770	-35.4	3294
35.0	55	3	52	3	1793	-35.7	3191
37.5	54	6	51	5	1815	-36.0	3113
40.0	53	8	51	6	1834	-36.3	3020
42.5	51	9	49	7	1845	-36.4	2842
45.0	50	10	48	9	1860	-36.5	2659
47.5	49	13	46	11	1892	-37.0	2536
50.0	51	13	45	12	1906	-37.0	2765

STORM 5
LEVEL 1

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN EYERAD/	RDR CENT PRES/	MAX WINDS ACTUAL/	REL	RADIUS /MAX WD/

/HANNAH / 591001 / 9880 / 715 / 1755-1821 / 0 / 31 / 68 / 641 /

/11 / 335 / 5 / N / 2 / 5 / 0 / 0 / 75 / 67 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	15	1	2	-850	12.2
7.5	16	13	7	2	-830	11.5
10.0	21	14	16	2	-820	11.2
12.5	33	16	29	5	-770	10.8
15.0	45	18	44	7	-730	10.1
17.5	56	20	55	8	-700	9.6
20.0	63	3	60	-8	-600	9.4
22.5	75	7	67	-3	-530	9.3
25.0	73	15	65	3	-450	9.2
27.5	73	12	66	-1	-370	8.6
30.0	71	7	63	-1	-300	8.2
32.5	70	4	62	-3	-230	8.3
35.0	69	7	61	-1	-200	8.3
37.5	68	9	59	1	-170	7.6
40.0	66	10	56	3	-130	7.5
42.5	999	999	999	4	-80	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/HANNAH / 591001 / 9880 / 715 / 1725-1755 / 1 / 31 / 68 / 643 /

/11 / 335 / 10 / S / 6 / 190 / 0 / 0 / 95 / 95 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	-9	13	-10	-870	12.9
7.5	26	-13	32	-11	-870	11.9
10.0	32	-17	37	-6	-840	11.7
12.5	42	-18	46	-7	-790	11.9
15.0	57	-14	62	-4	-730	11.6
17.5	75	-17	80	-8	-690	11.3
20.0	95	-8	95	999	-590	10.8
22.5	80	2	85	13	-570	10.2
25.0	68	-1	75	10	-540	9.5
27.5	64	-10	69	2	-510	8.4
30.0	65	-11	70	-3	-470	7.9
32.5	63	-11	73	-2	-440	7.9
35.0	66	-10	75	-1	-410	7.9
37.5	62	-10	70	-1	-360	8.3
40.0	60	-11	65	-2	-330	7.9
42.5	63	-15	70	-4	-290	7.6
45.0	66	-19	71	-10	-260	7.4
47.5	64	-19	68	-10	-200	7.3
50.0	62	-18	67	-9	-180	7.6

/HANNAH / 591001 / 9880 / 715 / 1903-1917 / 0 / 31 / 68 / 642 /

/11 / 335 / 55 / NE / 3 / 55 / 0 / 0 / 76 / 65 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	24	4	17	-820	11.5
7.5	23	21	11	12	-800	11.4
10.0	30	17	15	11	-800	11.3
12.5	38	17	26	9	-790	11.1
15.0	51	15	39	7	-790	10.6
17.5	61	9	52	2	-760	9.9
20.0	67	10	58	5	-660	9.1
22.5	70	9	60	5	-570	8.6
25.0	72	7	61	4	-530	8.4
27.5	73	9	63	6	-450	8.3
30.0	75	10	64	8	-370	8.2
32.5	76	11	65	11	-330	7.6
35.0	999	13	999	999	-270	999.0
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/HANNAH / 591001 / 9880 / 715 / 1305-1331 / 0 / 31 / 69 / 644 /

/11 / 335 / 275 / W / 8 / 275 / 0 / 0 / 58 / 66 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	5	999	999	999	999	999.0
7.5	12	-3	16	-2	-860	12.0
10.0	14	-2	19	1	-700	11.2
12.5	18	-9	27	-13	-700	10.5
15.0	38	2	44	-4	-650	9.9
17.5	54	15	65	8	-630	8.6
20.0	54	-3	65	-12	-470	7.9
22.5	51	-4	59	-13	-370	8.1
25.0	50	-2	59	-11	-280	8.2
27.5	49	0	59	-10	-240	8.0
30.0	48	2	56	-8	-200	8.2
32.5	49	4	57	-7	-160	8.2
35.0	51	4	62	-7	-120	7.8
37.5	55	3	66	-8	-105	7.8
40.0	55	3	65	-8	-100	7.5
42.5	53	3	61	-8	-90	7.1
45.0	51	4	58	-7	-70	6.9
47.5	50	3	66	-8	-40	7.1
50.0	46	3	54	-8	-20	7.5

STORM 5

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-D	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HANNAH	591001	9990	715	1755-1821	D	31	68	335	11	5	N	2	5	641	0	0	75	22.5	67
HANNAH	591001	9990	715	1903-1917	D	31	68	335	11	55	NE	3	55	642	0	0	76	32.5	65
HANNAH	591001	9990	715	1725-1755	I	31	68	335	11	10	S	6	190	643	0	0	95	20.0	95
HANNAH	591001	9990	715	1305-1331	D	31	68	335	11	275	W	8	275	644	0	0	58	47.5	66

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	12	6	6	0	-850	12.3	173
7.5	19	3	17	-0	-841	11.7	427
10.0	24	1	22	1	-791	11.4	677
12.5	33	-0	32	-2	-761	11.1	1200
15.0	48	3	48	0	-725	10.6	2405
17.5	62	4	64	1	-695	10.0	3993
20.0	71	-0	71	-4	-580	9.4	5391
22.5	69	3	68	1	-513	9.1	4940
25.0	65	3	65	1	-456	8.8	4388
27.5	64	1	64	-0	-401	8.3	4240
30.0	64	1	63	-1	-345	8.1	4276
32.5	65	1	64	-0	-302	8.0	4409
35.0	63	4	66	-2	-262	8.0	4084
37.5	62	0	64	-1	-225	7.9	3942
40.0	61	0	61	-1	-197	7.6	3748
42.5	58	-6	65	-1	-161	7.3	3389
45.0	58	-7	64	-8	-165	7.2	3478
47.5	61	-8	67	-9	-120	7.2	3730
50.0	54	-7	60	-8	-100	7.5	2980

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	14	5	10	0	-847	12.1	258
7.5	19	3	17	0	-827	11.7	447
10.0	25	1	24	0	-793	11.4	750
12.5	35	1	34	-0	-760	11.1	1389
15.0	48	3	48	0	-726	10.6	2548
17.5	61	3	62	-0	-674	10.0	3981
20.0	68	1	68	-0	-587	9.5	4926
22.5	68	3	67	1	-517	9.1	4799
25.0	65	3	65	1	-458	8.8	4454
27.5	64	1	64	-0	-401	8.4	4302
30.0	64	1	64	-0	-348	8.1	4316
32.5	65	1	65	-0	-304	8.0	4373
35.0	63	3	65	-2	-268	8.0	4061
37.5	62	0	64	-1	-227	7.9	3924
40.0	61	-0	62	-1	-195	7.6	3821
42.5	58	-5	65	-2	-167	7.4	3403
45.0	59	-7	65	-8	-159	7.2	3522
47.5	58	-7	64	-8	-124	7.3	3490
50.0	55	-7	61	-8	-108	7.5	3150

STORM 5

LEVEL 2

PRES ALT TIME IN

STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN PER CENT MAX WINDS RADIUS

SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/HANNAH / 591002 / 9890 / 715 / 1923-1939 / 0 / 34 / 68 / 645 /

/ 8 / 75 / 120 / SE / 2 / 120 / 0 / 0 / 90 / 83 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	1	4	-8	999	9.3
7.5	24	-4	13	4	999	999.0
10.0	42	-3	30	2	999	999.0
12.5	54	-6	47	0	999	999.0
15.0	77	-1	68	1	999	999.0
17.5	97	10	80	3	999	999.0
20.0	90	11	83	7	999	999.0
22.5	87	13	77	9	999	6.1
25.0	82	16	73	9	999	6.4
27.5	76	15	67	8	999	7.4
30.0	73	13	63	6	999	7.6
32.5	70	10	60	5	999	7.7
35.0	72	9	62	3	999	7.5
37.5	74	9	66	2	999	6.9
40.0	76	9	68	2	999	6.6
42.5	78	8	69	2	999	6.6
45.0	76	9	68	2	999	6.7
47.5	74	9	65	2	999	6.7
50.0	71	10	61	3	999	6.7

/HANNAH / 591002 / 9880 / 715 / 1306-1327 / 0 / 34 / 68 / 314 /

/ 8 / 75 / 225 / SW / 5 / 240 / 0 / 0 / 88 / 87 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	0	4	999	7	999	14.2
7.5	2	0	10	5	999	14.0
10.0	23	-9	23	1	999	13.9
12.5	45	-11	46	-1	999	12.9
15.0	63	-12	62	-2	999	12.8
17.5	76	-12	75	-2	999	11.6
20.0	87	-12	84	-1	999	9.8
22.5	88	-12	87	-2	999	8.8
25.0	87	-11	85	-1	999	8.0
27.5	83	-10	82	1	999	7.8
30.0	76	-9	76	1	999	8.2
32.5	72	-9	70	1	999	8.1
35.0	70	-8	66	1	999	8.5
37.5	66	-7	63	2	999	8.7
40.0	64	-7	61	4	999	8.5
42.5	62	-6	58	4	999	8.4
45.0	60	-6	56	4	999	8.2
47.5	59	-5	55	5	999	8.0
50.0	52	-2	48	7	999	7.9

/HANNAH / 591002 / 9890 / 715 / 1100-1123 / 1 / 34 / 68 / 646 /

/ 8 / 75 / 310 / SE / 2 / 140 / 0 / 0 / 96 / 87 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	-1	2	1	999	13.0
7.5	36	-2	15	-2	999	13.4
10.0	42	-5	23	-5	999	13.2
12.5	67	-3	47	-4	999	11.6
15.0	76	-3	66	-3	999	9.4
17.5	89	0	77	-1	999	8.3
20.0	95	-2	86	-1	999	7.5
22.5	96	-6	87	-4	888	5.8
25.0	93	-7	84	-8	999	6.5
27.5	90	-7	80	-7	999	6.2
30.0	85	-5	75	-6	999	6.0
32.5	81	-4	71	-5	999	6.3
35.0	78	-4	68	-5	999	6.8
37.5	76	-4	65	-5	999	6.9
40.0	74	-5	63	-6	999	6.8
42.5	72	-5	61	-6	999	6.9
45.0	70	-5	60	-6	999	7.0
47.5	69	-5	58	-6	999	7.2
50.0	67	-4	55	-6	999	8.4

/HANNAH / 591002 / 9880 / 715 / 1812-1835 / 1 / 34 / 68 / 315 /

/ 8 / 75 / 150 / W / 6 / 285 / 0 / 0 / 85 / 90 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	-11	10	0	999	13.8
7.5	26	-15	20	-7	999	13.7
10.0	36	-14	32	-3	999	14.0
12.5	47	-12	46	-3	999	13.6
15.0	57	-9	60	-1	999	12.5
17.5	73	-7	74	2	999	11.0
20.0	82	-7	87	3	999	9.9
22.5	85	-6	90	3	999	9.2
25.0	82	-4	86	4	999	8.5
27.5	75	-1	80	6	999	7.8
30.0	70	1	74	8	999	7.9
32.5	65	1	72	9	999	7.8
35.0	62	-1	70	9	999	7.6
37.5	60	-1	68	7	999	7.2
40.0	59	0	67	7	999	7.0
42.5	59	2	67	7	999	7.2
45.0	59	3	68	8	999	7.2
47.5	60	2	69	8	999	6.9
50.0	60	3	69	8	999	6.7

STORM 5

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HANNAH	591002	9880	715	1023-1039	O	34	68	75	8	120	SE	2	120	645	0	0	90	20.0	83
HANNAH	591002	9890	715	1100-1123	I	34	68	75	8	310	SE	2	140	646	0	0	96	22.5	87
HANNAH	591002	9880	715	1306-1327	O	34	68	75	8	225	SW	5	240	314	0	0	89	22.5	87
HANNAH	591002	9890	715	1812-1835	I	34	68	75	8	150	W	6	285	315	0	0	85	22.5	90

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	13	-2	6	-0	999	12.4	242
7.5	22	-6	15	1	999	13.7	614
10.0	36	-8	28	-1	999	13.6	1359
12.5	52	-5	46	-1	999	12.6	2763
15.0	67	-6	63	-0	999	11.2	4615
17.5	80	-1	76	0	999	9.9	6519
20.0	87	-1	85	2	999	8.8	7688
22.5	88	-1	85	2	888	7.6	7764
25.0	84	0	81	2	999	7.4	7215
27.5	79	0	76	3	999	7.4	6337
30.0	74	1	71	3	999	7.6	5592
32.5	70	0	67	3	999	7.6	5009
35.0	69	0	66	3	999	7.6	4830
37.5	68	0	65	2	999	7.4	4675
40.0	67	0	65	2	999	7.1	4622
42.5	67	1	64	2	999	7.2	4615
45.0	66	1	64	3	999	7.2	4426
47.5	65	1	63	3	999	7.1	4329
50.0	62	2	60	3	999	7.2	3998

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	-3	9	-0	999	12.4	366
7.5	24	-6	17	0	999	13.7	738
10.0	37	-6	29	-0	999	13.4	1555
12.5	52	-5	46	-1	999	12.4	2924
15.0	66	-5	62	-0	999	11.2	4668
17.5	78	-2	75	1	999	10.0	6349
20.0	85	-1	82	2	999	8.8	7372
22.5	86	-1	83	2	943	7.8	7528
25.0	83	-0	80	2	999	7.5	7074
27.5	79	0	76	3	999	7.5	6335
30.0	74	1	71	3	999	7.5	5632
32.5	71	0	68	3	999	7.6	5120
35.0	69	0	66	3	999	7.5	4863
37.5	68	0	66	2	999	7.4	4709
40.0	67	0	65	2	999	7.2	4642
42.5	67	0	64	2	999	7.2	4574
45.0	66	1	64	3	999	7.2	4439
47.5	65	1	62	3	999	7.2	4274
50.0	63	2	60	3	999	7.2	4090

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN RDR CENT PRES/ACTUAL/REL / MAX WINDS /MAX WD/ RADIUS

STORM 5

LEVEL 3

/HANNAH / 591004 / 9880 / 715 / 1757-1821 / I / 37 / 61 / 316 /

/10 / 85 / 250 / NE / 1 / 85 / 0 / 0 / 84 / 90 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	-15	30	-1	-780	12.2
7.5	7	-15	31	-13	-770	13.8
10.0	12	-6	30	-10	-740	14.4
12.5	17	2	23	-7	-730	13.8
15.0	26	9	40	-3	-710	11.3
17.5	45	14	58	2	-690	10.4
20.0	58	18	60	4	-670	9.0
22.5	74	20	79	2	-660	8.6
25.0	90	18	87	0	-650	8.4
27.5	94	16	90	2	-500	8.2
30.0	83	19	89	0	-400	7.7
32.5	93	21	89	2	-290	7.1
35.0	90	20	86	0	-270	6.6
37.5	90	17	86	-1	-230	6.3
40.0	84	18	90	0	-210	5.7
42.5	80	18	86	-1	-180	5.7
45.0	22	17	88	-1	-150	6.0
47.5	80	16	86	-1	-120	6.2
50.0	78	17	84	0	-90	5.9

/HANNAH / 591004 / 9880 / 715 / 1211-1229 / I / 37 / 61 / 318 /

/10 / 85 / 30 / S / 3 / 185 / 0 / 0 / 108 / 88 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	41	20	28	4	-610	10.7
15.0	54	18	31	8	-600	10.5
17.5	64	16	40	12	-560	9.9
20.0	73	18	51	14	-530	9.6
22.5	79	18	55	17	-500	9.3
25.0	90	21	68	20	-450	9.1
27.5	104	23	82	23	-400	8.5
30.0	108	19	88	20	-310	7.6
32.5	101	15	81	17	-250	7.0
35.0	96	11	78	15	-190	6.8
37.5	89	6	71	11	-120	6.6
40.0	84	4	63	9	-100	6.7
42.5	77	2	57	8	-90	6.8
45.0	76	0	58	7	-70	6.6
47.5	76	1	57	7	-40	6.3
50.0	75	0	57	7	-20	6.0

/HANNAH / 591004 / 9880 / 715 / 1626-1649 / 0/ 37 / 61 / 320 /

/10 / 85 / 255 / W / 5 / 255 / 0 / 0 / 105 / 95 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	7	3	3	-780	11.4
7.5	36	-3	19	7	-770	12.2
10.0	39	-7	25	6	-750	12.2
12.5	45	-12	33	3	-740	12.2
15.0	53	-14	42	2	-700	13.1
17.5	76	-19	65	-3	-610	13.1
20.0	100	-18	90	-2	-550	13.2
22.5	105	-12	95	4	-490	10.7
25.0	99	-16	87	2	-440	10.0
27.5	93	-18	82	0	-390	9.5
30.0	84	-21	79	-2	-340	9.0
32.5	92	-18	76	1	-320	8.2
35.0	79	-15	73	3	-260	7.5
37.5	78	-12	71	6	-240	7.3
40.0	75	-11	69	8	-180	6.9
42.5	73	-9	66	9	-120	6.9
45.0	70	-7	63	-11	-80	6.9
47.5	66	-6	59	-12	-40	7.3
50.0	65	-5	57	13	-10	7.1

/HANNAH / 591004 / 9880 / 715 / 1319-1344 / 0 / 37 / 61 / 317 /

/10 / 85 / 90 / E / 1 / 90 / 0 / 0 / 87 / 80 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	12	2	-7	-2	-600	999.0
7.5	19	3	15	-13	-580	10.9
10.0	24	4	20	-16	-580	10.7
12.5	33	4	28	-16	-560	10.5
15.0	41	5	39	-15	-540	10.4
17.5	48	8	44	-11	-510	10.3
20.0	56	15	50	-5	-500	9.8
22.5	72	26	69	4	-490	9.6
25.0	94	30	78	14	-480	9.0
27.5	97	31	80	12	-480	7.8
30.0	90	26	76	-2	-470	6.9
32.5	90	20	76	-2	-450	6.9
35.0	77	16	74	-5	-420	6.8
37.5	75	12	74	-9	-400	6.6
40.0	73	9	74	-13	-360	6.6
42.5	72	5	73	-15	-260	6.6
45.0	70	6	72	-15	-160	6.6
47.5	67	8	68	-13	-60	6.6
50.0	65	10	64	-11	30	6.2

/HANNAH / 591004 / 9880 / 715 / 1541-1606 / I / 37 / 61 / 319 /

/10 / 85 / 55 / SW / 4 / 225 / 0 / 0 / 107 / 95 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	17	-29	20	-16	-740	12.2
7.5	29	-22	16	-11	-740	12.0
10.0	39	-5	25	6	-730	11.6
12.5	47	-5	31	6	-700	11.6
15.0	57	-3	40	8	-670	11.5
17.5	68	-3	50	8	-630	11.8
20.0	79	0	63	11	-570	11.4
22.5	95	5	79	16	-520	10.4
25.0	103	6	90	19	-460	9.4
27.5	107	3	95	17	-400	8.8
30.0	99	0	85	13	-330	8.3
32.5	95	-1	83	14	-300	7.9
35.0	90	-2	78	13	-340	7.3
37.5	87	-6	74	10	-190	6.8
40.0	83	-11	71	5	-140	6.7
42.5	80	-11	69	5	-100	7.0
45.0	79	-11	66	5	-80	7.4
47.5	77	-11	66	6	-50	7.6
50.0	74	-9	63	7	-20	7.5

/HANNAH / 591004 / 9880 / 715 / 1855-1915 / 0 / 37 / 61 / 321 /

/10 / 85 / 260 / W / 7 / 260 / 0 / 0 / 107 / 104 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	15	-13	22	4	-800	13.0
15.0	21	-14	28	4	-750	13.2
17.5	31	-12	34	6	-720	13.4
20.0	40	-12	41	6	-660	13.6
22.5	57	-14	57	5	-620	13.5
25.0	85	-16	84	2	-600	13.7
27.5	107	-14	104	4	-580	14.0
30.0	104	-9	99	9	-490	14.1
32.5	99	-5	86	13	-440	13.5
35.0	87	-3	82	14	-400	10.6
37.5	86	-2	80	15	-360	9.7
40.0	84	1	78	18	-350	9.0
42.5	79	1	72	18	-290	7.9
45.0	77	0	71	17	-260	7.3
47.5	77	2	70	19	-230	7.3
50.0	72	1	65	18	-200	7.5

STORM 5
LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HANNAH	591004	9880	715	1757-1821	I	37	61	85	10	250	NE	1	85	316	0	0	84	27.5	90
HANNAH	591004	9880	715	1819-1844	O	37	61	85	10	90	E	1	90	317	0	0	87	27.5	80
HANNAH	591004	9880	715	1211-1229	I	37	61	85	10	30	S	3	185	318	0	0	108	30.0	88
HANNAH	591004	9880	715	1541-1606	I	37	61	85	10	55	SW	4	225	319	0	0	107	27.5	95
HANNAH	591004	9880	715	1626-1649	O	37	61	85	10	255	W	5	255	320	0	0	105	22.5	95
HANNAH	591004	9880	715	1855-1915	O	37	61	85	10	260	W	7	260	321	0	0	107	27.5	104

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	-8	12	-3	-735	12.0	326
7.5	23	-9	20	-6	-726	12.3	673
10.0	28	-4	25	-2	-709	12.4	964
12.5	27	0	25	-1	-699	12.3	915
15.0	36	1	35	0	-671	11.6	1527
17.5	49	3	45	3	-638	11.4	2606
20.0	59	6	53	5	-601	10.9	3837
22.5	73	8	67	7	-573	10.4	5605
25.0	86	8	81	8	-547	10.2	7602
27.5	96	8	90	9	-484	9.9	9496
30.0	94	8	88	7	-406	9.4	9043
32.5	91	8	83	8	-346	8.9	8410
35.0	85	7	80	7	-316	7.8	7328
37.5	83	5	78	5	-263	7.4	6938
40.0	81	5	76	5	-238	7.0	6730
42.5	77	4	72	4	-192	6.8	6048
45.0	77	3	72	3	-155	6.7	5947
47.5	75	4	70	4	-114	6.9	5748
50.0	73	5	67	5	-78	6.6	5352

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	18	-8	15	-4	-732	12.3	442
7.5	23	-7	20	-4	-723	12.2	688
10.0	27	-4	25	-3	-709	12.3	1008
12.5	29	0	28	-1	-693	12.1	1047
15.0	37	1	36	0	-669	11.7	1677
17.5	48	3	45	3	-637	11.3	2681
20.0	60	6	55	5	-603	10.9	3990
22.5	73	7	68	7	-574	10.5	5701
25.0	86	8	80	8	-538	10.2	7600
27.5	93	8	87	8	-478	9.8	9909
30.0	93	8	87	7	-409	9.4	8851
32.5	90	8	83	7	-354	8.7	8250
35.0	86	7	80	7	-312	7.9	7461
37.5	83	6	78	6	-269	7.4	7017
40.0	81	5	76	5	-235	7.1	6631
42.5	78	4	73	4	-193	6.8	6169
45.0	77	4	72	3	-154	6.8	5953
47.5	75	4	70	4	-115	6.7	5700
50.0	73	4	68	5	-90	6.6	5468

STORM 6
LEVEL 1

STORM	DATE	PRES ALT FEET	PRES MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH /NOTH/STM	IN RDR ANGLE	CENT EYERAD	MAX WINDS PRES/ACTUAL	MAX WINDS REL	RADIUS MAX WD

/DONNA / 600904 / 13800 / 618 / 2030-2044 / 1 / 17 / 59 / 322 /

/15 / 290 / 999 / X / 9 / 1 / 0 / 952 / 120 / 107 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	18	15	7	-470	12.0
7.5	36	26	24	19	-390	8.3
10.0	83	17	70	11	-300	7.3
12.5	120	21	107	17	-220	5.9
15.0	115	20	101	16	-20	5.6
17.5	105	30	92	25	210	5.1
20.0	86	13	73	8	300	4.2
22.5	89	1	76	-5	310	4.0
25.0	87	21	75	15	360	3.3
27.5	79	27	67	21	430	2.3
30.0	69	23	57	16	460	2.0
32.5	71	12	59	5	470	1.3
35.0	68	-3	46	-11	530	1.8
37.5	53	-9	42	-16	540	1.3
40.0	45	-9	33	-17	570	1.3
42.5	54	-7	42	-15	580	1.3
45.0	55	-4	43	-12	600	1.2
47.5	56	2	44	-6	630	1.1
50.0	51	9	39	1	640	.7

/DONNA / 600904 / 13800 / 618 / 2046-2101 / 0 / 17 / 59 / 323 /

/15 / 290 / 999 / X / 9 / 2 / 0 / 952 / 118 / 128 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	8	19	5	-400	14.3
7.5	51	-21	64	-20	-320	12.3
10.0	67	-14	80	-11	-230	11.2
12.5	118	-3	128	-1	-150	9.4
15.0	90	-3	101	3	-50	9.4
17.5	110	-13	122	-7	50	6.6
20.0	112	-6	123	0	60	4.3
22.5	83	-12	95	-6	170	3.8
25.0	84	-9	95	-3	250	3.7
27.5	68	-7	80	-1	270	3.4
30.0	59	6	71	12	350	3.3
32.5	60	-3	72	3	430	3.0
35.0	55	0	66	-6	460	3.6
37.5	40	-5	52	1	480	3.3
40.0	51	-6	62	0	500	3.4
42.5	49	-4	60	2	520	3.3
45.0	48	2	60	8	570	3.2
47.5	42	2	53	7	580	3.2
50.0	42	3	53	8	590	2.8

STORM 6

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DONNA	600904	13PCC	619	2030-2044	I	17	59	290	15	999	X	9	1	322	0	952	120	12.5	107
DONNA	600904	13PCC	618	2046-2101	O	17	59	290	15	999	X	9	2	323	0	952	118	12.5	128

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	15	13	17	6	-435	13.1	306
7.5	43	2	44	-0	-355	10.3	1948
10.0	75	1	75	0	-265	9.3	5689
12.5	119	9	117	8	-185	7.6	14162
15.0	102	8	101	9	-35	7.5	10662
17.5	107	8	107	9	130	5.8	11562
20.0	99	3	98	4	180	4.3	9970
22.5	86	-5	85	-5	240	3.9	7405
25.0	85	6	85	6	305	3.5	7312
27.5	73	10	73	10	350	2.8	5432
30.0	64	14	64	14	405	2.6	4121
32.5	65	4	65	4	450	2.1	4320
35.0	61	-1	56	-8	495	2.7	3824
37.5	46	-7	47	-7	510	2.3	2204
40.0	48	-7	47	-8	535	2.3	2313
42.5	51	-5	51	-6	550	2.3	2658
45.0	51	-1	51	-2	585	2.2	2664
47.5	49	2	48	0	605	2.1	2450
50.0	46	6	46	4	615	1.7	2182

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	24	9	26	3	-408	12.2	853
7.5	46	4	47	0	-345	10.5	2609
10.0	78	4	78	2	-265	9.2	7037
12.5	104	7	103	6	-167	8.0	11505
15.0	104	8	103	8	-26	7.2	11098
17.5	104	7	103	7	103	5.8	11048
20.0	97	2	96	2	175	4.5	9598
22.5	88	-0	88	-0	240	4.0	7930
25.0	83	5	82	5	300	3.5	6996
27.5	73	9	73	9	351	3.0	5495
30.0	66	10	66	10	402	2.6	4514
32.5	64	4	63	2	449	2.4	4245
35.0	58	-1	55	-5	487	2.5	3524
37.5	49	-5	49	-7	510	2.4	2561
40.0	49	-6	49	-7	532	2.3	2461
42.5	50	-4	50	-5	554	2.3	2610
45.0	50	-1	50	-2	582	2.2	2597
47.5	48	2	48	0	601	2.1	2419
50.0	47	4	46	3	610	1.9	2261

DDES ALT TIME IN

STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN PDR CENT MAX WINDS RADIUS

SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

STORM 6

LEVEL 2

/DONNA / 600907 / 8200 / 760 / 1739-1758 / 1 / 22 / 71 / 325 /

/ 9 / 270 / 305 / NE / 4 / 50 / 10WD / 935 / 87 / 90 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	48	8	54	3	-1440	22.5
12.5	72	8	77	1	-1370	19.6
15.0	78	4	82	-3	-1060	17.8
17.5	87	7	90	-1	-1110	17.7
20.0	86	13	89	6	-870	17.4
22.5	83	15	85	7	-670	16.8
25.0	86	14	88	6	-580	16.9
27.5	86	10	88	2	-440	16.9
30.0	84	5	85	-3	-400	16.9
32.5	73	6	74	-3	-330	16.0
35.0	70	11	70	3	-270	14.4
37.5	71	21	71	13	-220	13.4
40.0	64	14	64	6	-170	13.4
42.5	64	9	64	0	-170	13.0
45.0	58	14	58	5	-80	13.1
47.5	61	23	61	15	-50	13.1
50.0	56	21	55	13	-20	12.9

/DONNA / 600907 / 8200 / 760 / 1637-1655 / 1/ 22 / 71 / 326 /

/ 9 / 270 / 305 / SW / 8 / 205 / 13 / 935 / 101 / 113 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	27	-8	37	-1	-1380	20.5
10.0	43	-1	55	1	-1320	20.5
12.5	56	-2	68	-2	-1290	18.5
15.0	87	12	98	11	-1120	16.6
17.5	93	9	105	7	-1050	16.6
20.0	101	-6	113	-8	-820	16.1
22.5	100	-16	112	-19	-720	15.0
25.0	87	-12	98	-15	-570	14.7
27.5	79	-7	91	-10	-500	14.6
30.0	78	-14	89	-18	-380	14.7
32.5	78	-14	90	-17	-340	14.9
35.0	72	-14	84	-18	-270	15.0
37.5	73	-12	85	-15	-240	15.0
40.0	74	-4	86	-7	-220	15.1
42.5	71	-4	83	-8	-180	14.6
45.0	70	-5	82	-8	-90	14.6
47.5	63	-12	75	-16	-80	14.1
50.0	67	-16	79	-20	-40	14.1

/DONNA / 600907 / 8200 / 760 / 1758-1819 / 0 / 22 / 71 / 324 /

/ 9 / 270 / 135 / SE / 6 / 130 / 10WD / 935 / 129 / 135 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	39	-8	47	-7	-1400	21.0
12.5	63	-1	70	2	-1300	20.5
15.0	86	4	92	8	-1190	17.5
17.5	96	25	102	30	-1000	17.2
20.0	114	9	120	15	-920	16.7
22.5	129	-17	135	-11	-650	16.0
25.0	121	-17	106	-12	-590	15.4
27.5	93	-13	98	-7	-520	14.5
30.0	87	-14	92	-9	-420	14.1
32.5	79	-9	84	-3	-350	14.0
35.0	87	-6	92	0	-310	14.1
37.5	83	-18	88	-12	-300	14.0
40.0	92	-19	96	-13	-260	14.6
42.5	84	-15	88	-10	-210	13.6
45.0	92	-24	86	-19	-160	12.6
47.5	84	-17	88	-11	-130	12.5
50.0	84	-17	88	-11	-120	12.6

/DONNA / 600907 / 8200 / 760 / 1655-1712 / 0 / 22 / 71 / 327 /

/ 9 / 270 / 135 / NW / 2 / 300 / 13 / 935 / 150 / 145 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	37	-16	40	-5	-1360	19.4
10.0	47	-14	47	-3	-1260	17.9
12.5	49	-8	46	3	-1220	17.4
15.0	150	-19	145	-13	-950	16.9
17.5	119	-15	113	-5	-800	15.8
20.0	114	0	107	8	-590	15.5
22.5	112	10	104	18	-520	15.3
25.0	99	7	91	14	-430	15.2
27.5	87	3	79	10	-350	15.1
30.0	86	14	77	21	-250	15.0
32.5	85	16	77	23	-190	15.0
35.0	84	5	76	12	-280	14.6
37.5	93	7	84	14	-180	14.4
40.0	84	7	76	14	-140	13.9
42.5	79	-3	71	4	-60	13.7
45.0	74	-3	65	3	-20	13.6
47.5	73	2	65	8	0	13.0
50.0	73	0	65	6	30	13.3

STORM 6

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DONNA	600907	8200	760	1739-1758	I	22	71	270	9	305	NE	4	50	325	10WD	935	87	17.5	90
DONNA	600907	8200	760	1758-1819	O	22	71	270	9	135	SE	6	130	324	10WD	935	129	22.5	135
DONNA	600907	8200	760	1637-1655	I	22	71	270	9	305	SW	8	205	326	13	935	101	20.0	113
DONNA	600907	8200	760	1655-1712	O	22	71	270	9	135	NW	2	300	327	13	935	150	15.0	145

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	999	999	999	999	999	999.0	999
7.5	32	-12	38	-3	-1370	19.9	1049
10.0	44	-3	50	-1	-1351	20.4	2000
12.5	59	-0	64	1	-1293	18.9	3646
15.0	102	-0	105	-0	-1070	17.2	11391
17.5	97	5	102	6	-983	16.8	10055
20.0	103	3	106	5	-789	16.4	10858
22.5	105	-0	107	0	-634	15.8	11333
25.0	93	-0	95	-0	-537	15.6	8725
27.5	86	-0	88	-0	-445	15.3	7442
30.0	83	-1	85	-0	-356	15.2	7033
32.5	78	0	80	1	-301	15.0	6243
35.0	78	-0	79	-0	-281	14.5	6155
37.5	80	0	81	1	-230	14.2	6534
40.0	78	0	79	1	-192	14.2	6204
42.5	74	-2	75	-2	-149	13.8	5567
45.0	70	-3	71	-3	-82	13.5	5051
47.5	69	0	71	0	-60	13.2	4955
50.0	69	-1	70	-1	-32	13.2	4923

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	999	999	999	999	999	999.0	999
7.5	36	-10	42	-2	-1343	19.7	1375
10.0	48	-3	54	-0	-1340	20.0	2435
12.5	67	-1	72	0	-1249	18.8	5279
15.0	92	0	96	1	-1093	17.5	9529
17.5	98	3	102	4	-962	16.9	10124
20.0	102	2	105	3	-793	16.4	10793
22.5	101	0	103	0	-650	15.9	10546
25.0	93	-0	95	-0	-542	15.6	8859
27.5	87	-0	89	-0	-447	15.4	7694
30.0	83	-0	85	-0	-365	15.2	7001
32.5	79	0	81	0	-312	15.0	6410
35.0	79	0	80	0	-276	14.6	6314
37.5	79	0	80	1	-232	14.3	6396
40.0	77	-0	78	0	-191	14.1	6093
42.5	74	-2	75	-2	-143	13.8	5569
45.0	71	-2	72	-2	-92	13.5	5156
47.5	70	-0	71	-1	-61	13.3	4997
50.0	69	-1	70	-1	-41	13.2	4948

STORM 6

LEVEL 3

PRES ALT TIME IN

STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN RDR CENT MAX WINDS RADIUS

SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/DONNA / 600907 / 13000 / 637 / 2120-2133 / 0 / 22 / 71 / 330 /

/ 9 / 270 / 45 / NE / 4 / 45 / 13WD / 935 / 128 / 122 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	-1200	17.0
7.5	999	999	999	999	-1150	16.5
10.0	66	-9	58	-5	-1060	16.0
12.5	94	-8	86	-4	-950	11.9
15.0	122	20	122	25	-890	10.2
17.5	102	12	95	17	-740	8.4
20.0	101	18	94	23	-510	7.9
22.5	93	13	87	18	-330	7.8
25.0	86	21	79	26	-200	8.0
27.5	93	6	86	11	-130	7.5
30.0	85	12	78	17	-70	7.0
32.5	81	22	74	26	-40	7.5
35.0	90	31	82	35	-30	8.1
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/DONNA / 600907 / 13000 / 637 / 2101-2115 / 1 / 22 / 71 / 329 /

/ 9 / 270 / 70 / SW / 8 / 240 / 13WD / 935 / 91 / 97 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	-1170	16.0
7.5	999	999	999	999	-1150	16.0
10.0	999	999	999	999	-1130	15.6
12.5	999	999	999	999	-1050	14.2
15.0	999	999	999	999	-880	13.9
17.5	80	-34	85	-40	-640	14.0
20.0	89	-25	94	-31	-560	12.0
22.5	90	-20	96	-26	-390	11.0
25.0	91	-16	97	-22	-320	10.8
27.5	87	-11	92	-18	-270	9.9
30.0	77	-15	82	-22	-200	8.5
32.5	78	-12	83	-18	-160	8.0
35.0	77	-16	82	-23	-70	8.0
37.5	73	-10	76	-17	-20	7.5
40.0	73	-10	76	-17	40	7.5
42.5	64	-12	68	-19	70	7.8
45.0	55	-12	60	-19	120	8.0
47.5	59	-7	64	-14	150	7.5
50.0	59	-6	64	-13	160	7.0

/DONNA / 600907 / 13000 / 637 / 1945-2006 / 1 / 22 / 71 / 331 /

/ 9 / 270 / 320 / SE / 6 / 140 / 13WD / 935 / 101 / 106 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	28	-11	34	-5	-1200	15.4
7.5	32	-15	38	-9	-1210	13.8
10.0	35	-8	41	-3	-1310	12.6
12.5	80	-5	85	1	-1200	11.7
15.0	72	-15	78	-9	-1040	10.9
17.5	90	-14	95	-8	-700	10.2
20.0	91	-21	96	-15	-540	9.2
22.5	101	-13	106	-7	-350	8.5
25.0	87	-9	93	-3	-320	7.0
27.5	86	-5	93	1	-270	6.5
30.0	83	-12	89	-6	-240	6.4
32.5	79	-7	84	-1	-150	6.5
35.0	91	-23	86	-17	-100	6.5
37.5	76	-19	82	-14	-80	6.9
40.0	77	-7	84	-1	10	7.5
42.5	72	-14	78	-8	20	6.9
45.0	72	-12	78	-7	70	6.6
47.5	72	-13	78	-7	100	6.0
50.0	64	-11	69	-5	110	5.5

/DONNA / 600907 / 13000 / 637 / 2015-2029 / 0 / 22 / 71 / 328 /

/ 9 / 270 / 340 / NW / 2 / 340 / 13WD / 935 / 116 / 111 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	0	20	-4	11	-1200	15.5
7.5	26	16	24	9	-1160	16.6
10.0	46	9	42	2	-1090	16.5
12.5	65	7	60	0	-990	16.5
15.0	116	7	111	0	-850	12.7
17.5	112	18	106	12	-830	11.5
20.0	116	10	110	4	-680	10.2
22.5	102	10	96	4	-530	9.4
25.0	99	7	93	1	-520	8.7
27.5	99	24	93	18	-410	8.6
30.0	91	22	84	16	-350	8.4
32.5	84	13	78	8	-200	8.2
35.0	79	11	72	6	-110	8.0
37.5	79	7	72	2	-100	8.2
40.0	73	2	66	-4	10	8.4
42.5	70	3	63	-2	40	8.0
45.0	65	0	58	-6	40	7.5
47.5	65	0	58	-6	60	7.9
50.0	65	-1	58	-7	130	7.9

STORM 6

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-D	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	ROK EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DONNA	600907	13000	637	2120-2133	0	22	71	270	9	45	NE	4	45	330	13WD	935	128	15.0	122
DONNA	600907	13000	637	1945-2006	I	22	71	270	9	320	SE	6	140	331	13WD	935	101	22.5	106
DONNA	600907	13000	637	2101-2115	I	22	71	270	9	70	SW	8	240	329	13WD	935	91	25.0	97
DONNA	600907	13000	637	2015-2029	0	22	71	270	9	340	NW	2	340	328	13WD	935	116	15.0	111

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	14	4	15	3	-1191	15.9	392
7.5	29	0	31	0	-1168	15.7	850
10.0	45	-1	45	-1	-1154	15.1	2248
12.5	77	-1	76	-0	-1052	13.5	6140
15.0	100	0	99	1	-918	12.0	10717
17.5	94	-6	94	-6	-722	11.2	9158
20.0	98	-6	98	-6	-570	9.9	9793
22.5	96	-3	96	-4	-397	9.2	9319
25.0	90	-0	90	-0	-339	8.7	8239
27.5	90	2	91	1	-270	8.1	8273
30.0	83	0	83	-0	-216	7.6	7015
32.5	80	2	80	2	-139	7.5	6455
35.0	81	-1	80	-1	-78	7.6	6654
37.5	76	-7	76	-9	-70	7.5	5819
40.0	74	-4	75	-6	18	7.8	5545
42.5	69	-7	69	-8	41	7.5	4779
45.0	64	-7	65	-9	73	7.3	4237
47.5	65	-6	66	-8	99	7.1	4364
50.0	62	-5	63	-7	131	6.8	3971

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	18	3	20	2	-1183	15.8	544
7.5	29	1	30	0	-1168	15.6	978
10.0	52	-1	51	-1	-1132	14.8	3175
12.5	77	-0	75	-0	-1038	13.5	6543
15.0	94	1	93	2	-899	12.2	9556
17.5	95	-6	95	-6	-728	11.1	9296
20.0	97	-5	97	-6	-567	10.0	9550
22.5	95	-3	95	-3	-425	9.3	9107
25.0	91	-0	92	-0	-343	8.7	8465
27.5	89	1	89	0	-275	8.1	8007
30.0	84	1	84	0	-211	7.7	7123
32.5	81	1	81	0	-142	7.6	6672
35.0	80	-0	80	-0	-89	7.6	6545
37.5	76	-6	77	-8	-57	7.6	5857
40.0	73	-5	74	-7	4	7.7	5431
42.5	69	-7	69	-8	40	7.5	4807
45.0	66	-7	67	-9	71	7.3	4411
47.5	65	-6	66	-8	100	7.1	4278
50.0	63	-6	64	-8	120	6.9	4073

STORM 6
LEVEL 4

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
/DONNA	/ 600909 /	6400	/ 811 /	1641-1706	/ O /	23 / 79 /	332 /
/10	/ 305 /	20	/ N /	2	/ 20 /	0	/ 930 / 131 / 124 / 15.0

STORM SPD/	TRUE DIR /	OCTANT HDG	AZMTH /NOTH/	TN RDR /STM/	CENT ANGLE/	MAX WINDS EYERAD/	PRES/ACTUAL/	REL	RADIUS /MAX WD/

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	36	7	28	7	-1640	17.3
7.5	52	-9	44	-11	-1500	19.2
10.0	75	-8	67	-10	-1370	17.7
12.5	112	1	105	-1	-1240	16.7
15.0	131	-11	124	-14	-1110	16.0
17.5	127	-3	119	-1	-880	15.5
20.0	112	3	105	0	-750	15.1
22.5	104	-1	97	-1	-660	14.7
25.0	99	0	92	-1	-570	14.4
27.5	99	2	92	1	-490	14.8
30.0	94	-1	87	-1	-400	15.0
32.5	89	2	82	2	-340	14.6
35.0	89	-5	81	-5	-330	13.5
37.5	89	-3	80	-4	-310	13.5
40.0	89	-1	79	-3	-280	13.4
42.5	89	2	82	2	-190	13.2
45.0	80	2	73	-2	-150	13.6
47.5	75	7	68	8	-120	13.1
50.0	78	10	71	11	-90	12.8

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
/DONNA	/ 600909 /	6400	/ 811 /	1624-1638	/ I /	23 / 79 /	333 /
/10	/ 305 /	65	/ SW /	7	/ 220 /	0	/ 930 / 105 / 113 / 15.0

STORM SPD/	TRUE DIR /	OCTANT HDG	AZMTH /NOTH/	TN RDR /STM/	CENT ANGLE/	MAX WINDS EYERAD/	PRES/ACTUAL/	REL	RADIUS /MAX WD/

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	31	-6	38	-2	-1640	19.0
7.5	52	-13	60	-10	-1530	18.5
10.0	75	-7	83	-5	-1430	16.7
12.5	91	-2	100	-1	-1280	16.5
15.0	105	2	113	1	-1130	16.0
17.5	97	1	105	1	-980	15.5
20.0	91	8	99	6	-830	15.0
22.5	85	10	93	8	-600	14.5
25.0	79	11	88	10	-560	14.4
27.5	73	9	81	7	-480	14.5
30.0	69	9	77	7	-400	14.5
32.5	63	6	71	4	-360	14.5
35.0	55	5	63	3	-320	14.6
37.5	53	3	60	0	-260	14.4
40.0	52	2	60	-1	-220	14.3
42.5	47	-1	55	-3	-210	14.0
45.0	41	1	49	-1	-170	13.7
47.5	41	1	49	-1	-130	14.1
50.0	41	0	49	-2	-110	14.1

STORM 6

LEVEL 4

STORM	DATE	/LVL	PLVL	TIME INTERVAL	I-D	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DONNA	600909	6400	811	1641-1706	0	23	79	305	10	20	N	2	20	332	0	930	131	15.0	124
DONNA	600909	6400	811	1624-1633	I	23	79	305	10	65	SW	7	220	333	0	930	105	15.0	113

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	33	0	33	2	-1640	18.1	1128
7.5	52	-11	52	-10	-1515	18.9	2704
10.0	75	-7	75	-7	-1400	17.2	5625
12.5	101	-0	102	-1	-1260	16.6	10412
15.0	118	-4	118	-6	-1120	16.0	14093
17.5	112	-1	112	0	-930	15.5	12769
20.0	101	5	102	3	-790	15.1	10412
22.5	94	4	95	3	-630	14.6	9020
25.0	89	5	90	4	-565	14.4	8021
27.5	86	5	86	4	-485	14.6	7565
30.0	81	4	82	3	-400	14.7	6798
32.5	76	4	76	3	-350	14.6	5945
35.0	72	0	72	-1	-325	14.1	5473
37.5	71	0	70	-2	-285	13.9	5365
40.0	70	0	69	-2	-250	13.8	5312
42.5	68	0	68	-0	-200	13.6	5065
45.0	60	1	61	-1	-160	13.6	4040
47.5	58	4	58	3	-125	13.6	3653
50.0	59	5	60	4	-100	13.4	3882

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	39	-3	39	-1	-1598	18.4	1653
7.5	54	-8	54	-7	-1507	18.3	3171
10.0	76	-5	76	-5	-1391	17.3	6208
12.5	99	-2	100	-3	-1257	16.6	10281
15.0	111	-3	112	-4	-1106	16.0	12809
17.5	109	0	109	-0	-939	15.5	12189
20.0	101	3	102	2	-787	15.1	10508
22.5	94	4	95	3	-653	14.7	9142
25.0	89	5	90	4	-567	14.5	8187
27.5	85	5	86	3	-484	14.6	7528
30.0	81	4	81	3	-408	14.7	6767
32.5	76	3	76	2	-358	14.5	6032
35.0	72	0	72	-0	-323	14.1	5585
37.5	71	0	70	-1	-285	14.0	5407
40.0	70	0	69	-1	-246	13.8	5274
42.5	66	0	66	-1	-201	13.7	4861
45.0	61	1	61	-0	-161	13.6	4148
47.5	59	3	59	2	-127	13.6	3834
50.0	59	4	59	3	-109	13.5	3866

STORM 7

LEVEL 1

STORM	/ DATE	/ PRES ALT FEET	/ MB.	/ TIME IN INTERVAL	/OUT/	LAT/LONG/	ID

STORM SPD/	DIR	/ TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN RDR EYERAD/	CENT PRES/	MAX WINDS ACTUAL/	REL	RADIUS /MAX WD/

/ANNA / 610721 / 9890 / 715 / 1345-1407 / I / 13 / 71 / 520 /

/16 / 280 / 115 / NE / 4 / 35 / 0 / 983 / 77 / 59 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	31	999	999	999	-380	10.7
7.5	46	999	999	999	-260	10.6
10.0	62	999	999	999	-180	10.0
12.5	77	17	59	18	-70	9.4
15.0	69	14	52	17	-40	8.8
17.5	70	15	55	19	-10	8.4
20.0	71	13	57	18	20	8.4
22.5	70	3	57	9	50	8.1
25.0	62	4	46	11	60	7.6
27.5	69	-2	57	5	70	7.4
30.0	69	7	52	15	120	7.4
32.5	66	12	51	20	130	7.5
35.0	63	8	49	17	140	7.2
37.5	59	4	43	13	150	6.8
40.0	59	4	45	14	150	6.5
42.5	60	9	47	19	160	6.4
45.0	63	8	45	18	180	6.4
47.5	65	8	52	18	200	6.5
50.0	61	0	47	10	230	6.6

/ANNA / 610721 / 9880 / 715 / 1718-1743 / 0/ 13 / 71 / 522 /

/16 / 280 / 95 / E / 5 / 95 / 0 / 983 / 98 / 99 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	-260	999.0
7.5	41	5	54	15	-340	14.3
10.0	84	-14	87	2	-330	13.0
12.5	98	1	99	18	-290	8.8
15.0	90	-9	90	7	-220	7.9
17.5	90	-15	90	2	-120	8.0
20.0	83	-27	78	-1	-70	8.4
22.5	69	-11	68	6	-30	8.2
25.0	66	-11	68	6	-20	7.6
27.5	66	-11	65	7	-10	7.4
30.0	58	-10	58	6	10	7.3
32.5	57	-11	58	6	40	7.2
35.0	57	-10	55	7	80	7.3
37.5	62	-10	52	7	150	7.1
40.0	58	-9	50	7	240	7.2
42.5	54	-9	49	7	270	7.4
45.0	52	-7	46	9	310	7.5
47.5	50	-5	45	11	300	7.5
50.0	50	-11	47	6	310	7.4

/ANNA / 610721 / 9890 / 715 / 1743-1807 / I / 13 / 71 / 521 /

/16 / 280 / 270 / E / 5 / 90 / 0 / 983 / 83 / 84 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	33	-20	28	-3	-480	12.9
7.5	54	-19	51	-2	-440	11.4
10.0	90	-13	80	4	-340	10.6
12.5	93	-3	84	14	-250	9.4
15.0	74	-4	75	12	-150	8.2
17.5	70	-1	74	15	-40	7.6
20.0	61	6	63	23	20	7.4
22.5	60	9	60	17	40	7.2
25.0	66	-8	66	8	50	7.6
27.5	62	-6	61	12	70	7.4
30.0	54	-3	54	14	100	7.1
32.5	55	0	53	17	120	7.1
35.0	52	-2	54	14	140	6.9
37.5	48	-2	47	15	170	6.8
40.0	45	-9	42	7	170	6.9
42.5	43	-14	40	3	180	7.0
45.0	42	-9	39	7	180	7.1
47.5	43	-7	42	10	170	7.2
50.0	40	-9	39	7	190	7.2

/ANNA / 610721 / 9880 / 715 / 1453-1510 / I / 13 / 71 / 523 /

/16 / 280 / 315 / SE / 6 / 125 / 0 / 983 / 62 / 64 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	36	-11	32	5	-400	11.8
7.5	55	-15	55	2	-290	10.5
10.0	62	-15	64	1	-240	10.4
12.5	60	-10	63	7	-150	10.3
15.0	55	-9	60	7	-70	8.9
17.5	55	-8	61	8	-20	8.6
20.0	55	-17	62	-2	10	7.8
22.5	52	-20	59	-5	20	7.6
25.0	50	-20	57	-5	90	7.4
27.5	50	-18	57	-4	100	7.5
30.0	48	-17	56	-2	130	7.4
32.5	43	-17	51	-2	140	7.7
35.0	43	-19	51	-5	140	7.3
37.5	41	-17	49	-3	160	7.4
40.0	38	-19	47	-5	170	7.3
42.5	32	-20	40	-5	180	7.5
45.0	36	-24	45	-10	200	6.8
47.5	38	-31	47	-17	200	6.9
50.0	34	-32	44	-18	210	6.8

STORM 7

LEVEL 1

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG /NOTH/STM/ OCTANT ANGLE/ AZMTH IN EYERAD/ RDR CENT PRES/ MAX WINDS ACTUAL/REL / RADIUS MAX WD/

/ANNA / 610721 / 9880 / 715 / 1407-1425 / 0 / 13 / 71 / 524 /

/16 / 280 / 215 / SW / 8 / 215 / 0 / 983 / 47 / 60 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	4	4	18	-5	-350	15.2
7.5	21	7	34	1	-310	15.7
10.0	36	-15	51	-20	-250	15.8
12.5	42	-13	58	-16	-180	15.2
15.0	43	-12	58	-16	-130	14.3
17.5	40	-15	55	-20	-80	13.4
20.0	44	-17	57	-24	-40	12.4
22.5	47	-10	60	-17	10	11.5
25.0	42	-8	57	-15	20	10.8
27.5	41	-4	54	-12	40	10.3
30.0	39	-4	53	-12	60	9.9
32.5	37	-6	52	-14	80	9.6
35.0	35	-4	47	-13	100	9.0
37.5	31	-3	43	-12	120	8.4
40.0	23	-6	38	-15	140	8.4
42.5	24	-6	41	-14	150	8.5
45.0	27	-5	42	-13	170	8.5
47.5	26	-4	39	-13	180	8.4
50.0	20	-4	34	-13	180	8.4

/ANNA / 610721 / 9880 / 715 / 1507-1525 / 0 / 13 / 71 / 526 /

/16 / 280 / 270 / W / 1 / 270 / 0 / 983 / 70 / 67 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	38	15	38	-1	-540	15.7
7.5	56	22	55	5	-440	13.5
10.0	66	15	65	-1	-320	11.6
12.5	70	27	67	10	-210	10.4
15.0	66	26	67	9	-90	10.0
17.5	63	23	65	12	40	9.5
20.0	52	28	54	11	10	8.6
22.5	51	23	54	7	50	8.2
25.0	39	20	42	3	60	8.5
27.5	39	18	42	2	90	8.7
30.0	39	20	42	3	120	8.5
32.5	40	16	41	-1	150	8.2
35.0	37	12	39	-5	150	7.7
37.5	34	11	34	-6	160	7.3
40.0	34	12	34	-4	180	7.5
42.5	34	14	35	-3	180	7.6
45.0	39	12	41	-5	190	7.8
47.5	34	5	34	-11	210	8.5
50.0	29	3	27	-13	220	8.7

/ANNA / 610721 / 9880 / 715 / 1510-1532 / 0 / 13 / 71 / 528 /

/16 / 280 / 335 / NW / 2 / 335 / 0 / 983 / 79 / 65 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	58	-4	42	-9	-330	15.0
7.5	72	0	57	-7	-250	11.2
10.0	79	21	65	13	-230	10.0
12.5	79	28	65	20	-180	9.9
15.0	79	20	65	11	-120	8.9
17.5	69	21	54	12	20	8.3
20.0	63	20	49	11	40	8.2
22.5	63	29	49	19	80	8.3
25.0	62	31	48	22	90	8.1
27.5	59	37	45	28	120	7.9
30.0	55	35	41	26	150	7.6
32.5	53	27	39	19	180	7.6
35.0	54	25	39	16	190	7.7
37.5	55	16	41	7	200	7.1
40.0	58	17	44	8	200	7.1
42.5	57	22	43	13	210	7.2
45.0	49	18	34	9	220	7.3
47.5	49	15	34	6	230	6.8
50.0	45	14	31	5	240	6.6

/ANNA / 610721 / 9880 / 715 / 1525-1843 / 1 / 13 / 71 / 525 /

/16 / 280 / 100 / W / 1 / 260 / 0 / 983 / 49 / 57 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	999	999	999	999	999.0
7.5	36	3	51	-5	-370	18.8
10.0	38	4	51	-7	-320	17.0
12.5	39	4	47	-9	-250	13.5
15.0	44	6	51	-11	-190	10.8
17.5	48	8	53	-7	-110	9.7
20.0	43	13	57	2	-40	9.2
22.5	44	19	50	2	30	8.8
25.0	35	11	43	-5	70	8.5
27.5	41	-14	43	-2	80	8.3
30.0	40	8	42	-8	110	8.2
32.5	37	12	39	-4	130	8.0
35.0	40	12	34	-5	150	8.0
37.5	33	12	36	-4	160	8.2
40.0	32	18	34	2	160	8.2
42.5	30	17	31	1	170	8.3
45.0	35	19	37	3	190	8.4
47.5	34	10	38	-6	210	8.6
50.0	24	9	28	-7	210	8.7

/ANNA / 610721 / 9880 / 715 / 1703-1718 / 1 / 13 / 71 / 527 /

/16 / 280 / 90 / W / 1 / 280 / 0 / 983 / 59 / 73 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	43	7	57	16	-400	13.9
10.0	55	4	72	0	-340	14.6
12.5	58	-6	72	-15	-330	14.7
15.0	59	-8	73	-20	-300	13.2
17.5	46	-6	56	-19	-180	10.6
20.0	52	0	59	-15	-160	9.9
22.5	42	9	47	-7	-120	8.8
25.0	46	30	41	14	-10	8.3
27.5	52	33	46	18	50	8.3
30.0	48	30	40	16	90	8.1
32.5	45	29	36	16	100	7.9
35.0	41	17	30	4	160	7.5
37.5	45	24	33	12	160	7.4
40.0	46	19	33	9	190	7.2
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 7

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	OSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ANNA	610721	9830	715	1345-1407	I	13	71	280	16	115	NE	4	35	520	0	983	77	12.5	59
ANNA	610721	9830	715	1743-1807	I	13	71	280	16	270	E	5	90	521	0	983	83	12.5	84
ANNA	610721	9830	715	1719-1743	O	13	71	280	16	95	E	5	95	522	0	983	98	12.5	99
ANNA	610721	9830	715	1453-1510	I	13	71	280	16	315	SE	6	125	523	0	983	62	10.0	64
ANNA	610721	9830	715	1407-1425	O	13	71	280	16	215	SW	8	215	524	0	983	47	22.5	60
ANNA	610721	9830	715	1525-1843	I	13	71	280	16	100	W	1	260	525	0	983	49	20.0	57
ANNA	610721	9830	715	1507-1525	O	13	71	280	16	270	W	1	270	526	0	983	70	12.5	67
ANNA	610721	9830	715	1703-1718	I	13	71	280	16	90	W	1	280	527	0	983	59	15.0	73
ANNA	610721	9830	715	1510-1532	O	13	71	280	16	335	NW	2	335	528	0	983	79	10.0	65

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	32	-3	31	-3	-397	13.7	1303
7.5	46	-2	50	0	-317	12.9	2430
10.0	60	-2	65	-0	-260	12.3	3875
12.5	64	3	64	4	-188	11.5	4465
15.0	61	1	62	1	-128	10.4	4041
17.5	58	1	59	1	-49	9.6	3626
20.0	57	0	58	0	-15	9.1	3453
22.5	55	2	55	1	20	8.7	3192
25.0	52	3	52	3	52	8.4	2876
27.5	53	3	52	5	72	8.2	2935
30.0	50	6	49	6	104	8.0	2691
32.5	48	5	47	6	122	8.0	2462
35.0	46	3	44	3	140	7.7	2279
37.5	45	2	42	2	157	7.4	2176
40.0	43	1	41	1	170	7.4	2066
42.5	41	1	41	2	179	7.5	1902
45.0	42	1	41	1	196	7.4	1933
47.5	42	-1	41	-1	205	7.5	1943
50.0	37	-3	37	-3	217	7.4	1600

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	37	-3	38	-2	-372	13.2	1747
7.5	47	-2	52	-0	-312	12.9	2640
10.0	58	-1	62	0	-255	12.3	3714
12.5	62	2	63	3	-190	11.4	4171
15.0	61	1	61	2	-124	10.4	3970
17.5	59	1	59	1	-59	9.7	3669
20.0	57	1	57	1	-17	9.2	3442
22.5	55	2	55	2	19	8.8	3175
25.0	53	3	53	3	49	8.4	2981
27.5	53	4	52	5	74	8.2	2915
30.0	50	5	49	5	101	8.1	2690
32.5	43	5	47	5	122	7.9	2473
35.0	46	3	44	3	140	7.7	2302
37.5	45	2	42	2	156	7.5	2180
40.0	43	1	41	2	169	7.4	2067
42.5	41	1	41	1	181	7.5	1938
45.0	42	0	41	0	195	7.4	1937
47.5	41	-1	40	-1	205	7.4	1856
50.0	39	-3	38	-3	213	7.4	1685

STORM 8
LEVEL 1

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STH/	AZMTH ANGLE/	IN RDR EYERAD/	CENT PRES/	MAX WINDS ACTUAL/	REL	RADIUS /MAX WD/

/CARLA / 610908 / 4780 / 859 / 1415-1440 / I / 23 / 88 / 478 /

/ 6 / 300 / 225 / E / 4 / 75 / 30WD / 964 / 98 / 94 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	17	-3	999	3	-1160	19.0
17.5	29	-9	28	-1	-1150	20.3
20.0	41	-22	38	-14	-1110	18.4
22.5	48	-29	44	-22	-1060	18.3
25.0	60	-24	46	-16	-1030	18.4
27.5	82	-13	80	-4	-980	18.4
30.0	96	-13	90	-7	-950	18.3
32.5	98	-21	94	-14	-940	18.2
35.0	98	-22	94	-16	-880	17.9
37.5	98	-25	94	-18	-770	17.2
40.0	95	-29	93	-22	-760	16.7
42.5	90	-26	88	-19	-690	17.2
45.0	89	-26	83	-19	-670	17.0
47.5	87	-25	84	-18	-630	16.6
50.0	84	-16	77	-11	-570	16.8

/CARLA / 610908 / 4780 / 859 / 1440-1507 / O / 23 / 88 / 480 /

/ 6 / 300 / 230 / SW / 7 / 230 / 30WD / 964 / 63 / 69 / 42.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	5	999	999	999	999	999.0
7.5	8	999	999	999	999	999.0
10.0	10	999	999	999	999	999.0
12.5	14	999	26	999	999	999.0
15.0	18	1	28	0	-1100	19.4
17.5	21	-2	28	-3	-1060	19.2
20.0	26	4	32	2	-1030	19.0
22.5	36	5	45	2	-1000	18.4
25.0	44	4	52	0	-990	18.3
27.5	49	6	60	3	-980	18.3
30.0	56	10	65	6	-900	18.2
32.5	59	10	66	7	-860	18.0
35.0	61	11	68	8	-810	17.7
37.5	62	10	68	6	-730	17.6
40.0	61	8	66	4	-720	17.6
42.5	63	12	69	8	-680	17.6
45.0	63	12	69	8	-670	17.7
47.5	63	10	67	6	-640	17.6
50.0	60	9	67	5	-630	17.5

/CARLA / 610908 / 4780 / 859 / 1740-1805 / I / 23 / 88 / 479 /

/ 6 / 300 / 305 / SE / 6 / 145 / 32WD / 964 / 83 / 88 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	0	-1	999	-2	-1250	18.8
7.5	2	-8	999	-5	-1240	18.6
10.0	8	-7	11	-4	-1230	19.2
12.5	14	-3	20	1	-1220	19.2
15.0	18	-3	22	2	-1210	19.3
17.5	24	-2	27	3	-1200	19.6
20.0	30	-2	35	3	-1180	20.0
22.5	34	0	38	5	-1150	20.0
25.0	43	0	48	5	-1140	19.9
27.5	57	-7	60	-2	-1090	18.8
30.0	73	-11	74	-6	-1030	18.8
32.5	83	-20	88	-15	-970	18.2
35.0	92	-16	97	-11	-930	18.0
37.5	78	-11	81	-7	-880	17.9
40.0	78	-8	82	-3	-820	17.9
42.5	80	-15	86	-11	-740	17.7
45.0	77	-20	83	-15	-730	17.1
47.5	73	-20	77	-15	-710	17.1
50.0	70	-17	73	-13	-660	17.1

/CARLA / 610908 / 4780 / 859 / 1805-1830 / O / 23 / 88 / 481 /

/ 6 / 300 / 295 / NW / 1 / 295 / 32WD / 964 / 91 / 91 / 35.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	2	999	-3	-1240	18.9
7.5	8	4	999	-3	-1210	19.1
10.0	12	2	14	-5	-1190	19.4
12.5	16	-1	17	-7	-1190	19.3
15.0	22	0	22	-6	-1180	19.3
17.5	26	-1	26	-7	-1160	19.8
20.0	28	-2	28	-8	-1150	19.6
22.5	33	-3	28	-9	-1140	20.3
25.0	45	-3	44	-10	-1130	19.8
27.5	62	8	65	2	-1090	19.5
30.0	79	32	78	25	-1050	19.3
32.5	89	13	88	7	-990	17.8
35.0	91	10	91	3	-930	16.7
37.5	88	5	85	-1	-880	17.1
40.0	82	7	83	2	-780	17.4
42.5	75	8	74	1	-760	17.1
45.0	75	7	74	2	-750	17.1
47.5	74	7	74	1	-690	17.2
50.0	74	9	73	3	-660	17.2

STORM 8

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARLA	610908	4780	959	1415-1440	I	23	88	300	6	225	E	4	75	478	30WD	964	98	32.5	94
CARLA	610908	4780	959	1740-1905	I	23	88	300	6	305	SE	6	145	479	32WD	964	83	32.5	88
CARLA	610909	4780	959	1440-1507	O	23	88	300	6	230	SW	7	230	480	30WD	964	63	42.5	69
CARLA	610909	4780	959	1805-1830	O	23	88	300	6	295	NW	1	295	481	32WD	964	91	35.0	91

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	3	0	999	-2	-1245	18.8	18
7.5	5	-2	999	-4	-1225	18.9	39
10.0	9	-2	12	-4	-1210	19.3	102
12.5	14	-2	20	-3	-1205	19.2	218
15.0	18	-1	23	-0	-1163	19.2	359
17.5	25	-3	27	-2	-1144	19.4	653
20.0	31	-6	33	-5	-1119	19.2	1048
22.5	38	-8	38	-7	-1089	19.3	1500
25.0	51	-7	47	-6	-1073	19.1	2726
27.5	64	-1	67	-0	-1034	18.5	4255
30.0	77	5	77	5	-985	18.4	6265
32.5	84	-4	85	-3	-944	18.0	7264
35.0	84	-4	86	-4	-890	17.6	7381
37.5	83	-6	83	-5	-816	17.4	7116
40.0	80	-6	82	-5	-770	17.3	6631
42.5	77	-6	79	-5	-718	17.4	6168
45.0	77	-7	77	-6	-705	17.2	6015
47.5	75	-7	76	-6	-666	17.1	5740
50.0	73	-3	72	-4	-627	17.1	5421

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	4	-0	999	-3	-1238	18.8	25
7.5	6	-1	999	-3	-1224	19.0	51
10.0	10	-2	14	-3	-1212	19.2	118
12.5	14	-1	20	-2	-1204	19.3	235
15.0	19	-2	23	-1	-1159	19.3	419
17.5	25	-4	28	-2	-1142	19.3	693
20.0	31	-6	33	-5	-1117	19.3	1072
22.5	39	-7	39	-6	-1092	19.2	1700
25.0	51	-5	50	-4	-1068	19.0	2852
27.5	64	-1	65	-0	-1031	18.6	4407
30.0	76	1	76	1	-986	18.4	6050
32.5	82	-3	83	-2	-941	18.0	6990
35.0	83	-4	84	-4	-884	17.7	7217
37.5	82	-5	83	-5	-822	17.5	7020
40.0	80	-6	81	-5	-770	17.4	6613
42.5	78	-6	79	-6	-728	17.3	6241
45.0	76	-7	77	-6	-701	17.2	6003
47.5	75	-6	75	-6	-665	17.1	5726
50.0	73	-4	73	-4	-640	17.1	5523

STORM 8

LEVEL 2

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT	LAT/LONG	TD

STORM SPD	DIR	TRUE HDG	OCTANT NOTH/STM	AZMTH ANGLE	IN RDR CENT EYERAD	MAX WINDS PRES/ACTUAL	REL	RADIUS MAX WD

/CARLA / 610908 / 9880 / 715 / 1415-1435 / I / 23 / 88 / 482 /

/ 6 / 300 / 220 / NE / 3 / 35 / 30WD / 964 / 81 / 73 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	19	2	10	-2	-710	14.7
7.5	28	3	19	1	-690	14.7
10.0	33	1	24	0	-680	14.6
12.5	31	3	22	4	-650	14.3
15.0	36	-1	27	1	-630	13.7
17.5	40	-7	31	-4	-600	13.0
20.0	42	-14	34	-11	-580	11.8
22.5	51	-7	42	-4	-520	11.6
25.0	58	-8	49	-5	-510	11.5
27.5	70	-6	62	-3	-500	11.3
30.0	81	-2	73	2	-410	11.2
32.5	81	-3	73	0	-380	9.8
35.0	81	-4	73	0	-340	9.5
37.5	77	-6	67	-4	-320	9.4
40.0	74	-3	65	0	-270	9.0
42.5	76	-3	68	0	-240	9.3
45.0	73	-5	65	-2	-200	9.5
47.5	66	-5	58	-1	-180	9.4
50.0	70	-5	62	-1	-140	8.4

/CARLA / 610908 / 9880 / 715 / 1435-1500 / O / 23 / 88 / 484 /

/ 6 / 300 / 235 / SW / 8 / 235 / 30WD / 964 / 82 / 74 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	17	2	10	-2	-710	14.7
7.5	28	3	19	1	-690	14.2
10.0	33	1	24	0	-670	14.5
12.5	31	3	22	4	-650	14.2
15.0	36	-1	27	1	-640	13.7
17.5	40	-7	31	-4	-600	13.1
20.0	43	-14	34	-11	-580	11.8
22.5	50	-8	42	-4	-530	11.2
25.0	56	-8	48	-5	-520	11.5
27.5	70	-7	62	-3	-510	11.6
30.0	81	-2	73	2	-400	11.2
32.5	82	-3	74	0	-380	10.0
35.0	81	-3	73	0	-330	9.7
37.5	76	-7	67	-4	-320	9.5
40.0	74	-3	65	0	-300	9.0
42.5	76	-3	68	0	-250	9.3
45.0	73	-5	64	-1	-190	9.5
47.5	66	-5	58	-1	-180	9.4
50.0	69	-5	61	-1	-150	8.4

/CARLA / 610908 / 9880 / 715 / 1715-1735 / I / 23 / 88 / 483 /

/ 6 / 300 / 340 / SE / 6 / 150 / 32WD / 964 / 76 / 83 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	1	-8	6	-1	-810	15.0
7.5	5	-5	10	1	-800	15.1
10.0	12	-5	18	0	-790	15.0
12.5	9	-5	16	0	-790	15.1
15.0	11	-4	17	2	-770	14.6
17.5	14	-4	20	2	-770	14.7
20.0	28	-6	34	-1	-760	14.1
22.5	39	-6	45	-1	-750	12.5
25.0	43	-4	50	2	-710	12.2
27.5	48	-3	55	2	-700	12.0
30.0	61	-4	75	1	-660	11.8
32.5	71	-4	78	1	-610	11.5
35.0	70	-8	77	-4	-600	10.9
37.5	71	-8	78	-3	-500	10.9
40.0	76	1	83	6	-490	10.8
42.5	72	-3	77	2	-470	10.4
45.0	72	-6	78	-2	-430	9.7
47.5	71	-13	78	-8	-340	10.0
50.0	74	-17	81	-13	-330	9.1

/CARLA / 610908 / 9880 / 715 / 1735-1805 / O / 23 / 88 / 485 /

/ 6 / 300 / 350 / N / 2 / 350 / 32WD / 964 / 96 / 89 / 35.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	3	5	4	-770	15.0
7.5	22	2	14	1	-760	14.6
10.0	27	4	19	2	-750	14.4
12.5	33	5	26	2	-740	14.3
15.0	39	5	32	3	-720	14.5
17.5	41	5	33	3	-710	13.8
20.0	43	6	35	3	-700	14.3
22.5	50	2	43	-2	-690	13.3
25.0	55	-3	48	-6	-580	12.9
27.5	66	0	58	-3	-560	12.1
30.0	92	3	85	0	-500	10.3
32.5	95	-2	88	-5	-450	9.3
35.0	96	-4	89	-7	-390	9.5
37.5	88	-5	80	-9	-380	8.5
40.0	87	-7	80	-11	-330	9.4
42.5	88	-7	81	-10	-310	9.8
45.0	85	-8	77	-11	-280	8.8
47.5	83	-5	76	-9	-260	9.0
50.0	77	-10	70	-14	-210	9.1

STORM 8

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARLA	610909	9880	715	1415-1435	I	23	88	300	6	220	NE	3	35	482	30WD	964	81	30.0	71
CARLA	610909	9880	715	1715-1735	I	23	88	300	6	340	SE	6	150	483	32WD	964	76	40.0	83
CARLA	610909	9880	715	1435-1500	O	23	88	300	6	235	SW	8	235	484	30WD	964	82	32.5	74
CARLA	610909	9880	715	1735-1805	O	23	88	300	6	350	N	2	350	485	32WD	964	96	35.0	89

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	11	-0	7	-0	-751	14.8	190
7.5	20	0	15	0	-733	14.6	506
10.0	25	0	21	0	-723	14.6	746
12.5	25	1	21	2	-708	14.5	744
15.0	29	-0	25	1	-691	14.1	1019
17.5	32	-3	28	-0	-671	13.7	1227
20.0	38	-7	34	-5	-656	13.0	1534
22.5	47	-4	43	-2	-622	12.1	2250
25.0	52	-5	48	-3	-583	12.0	2804
27.5	62	-4	59	-1	-571	11.8	4057
30.0	80	-1	76	1	-496	11.2	6483
32.5	81	-3	77	-0	-459	10.2	6731
35.0	81	-4	77	-2	-420	9.9	6689
37.5	77	-6	72	-4	-383	9.6	6043
40.0	77	-2	73	-0	-352	9.6	6024
42.5	77	-3	73	-1	-322	9.5	6048
45.0	75	-5	70	-3	-278	9.4	5710
47.5	71	-7	67	-4	-242	9.5	5109
50.0	72	-9	68	-7	-211	8.7	5250

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	14	-0	10	0	-745	14.8	295
7.5	20	0	15	0	-733	14.7	513
10.0	24	0	19	0	-722	14.6	687
12.5	26	0	21	1	-707	14.4	799
15.0	29	-0	25	1	-690	14.1	1016
17.5	33	-3	29	-1	-672	13.6	1251
20.0	39	-5	35	-3	-652	12.9	1642
22.5	46	-5	42	-3	-620	12.3	2237
25.0	53	-5	49	-2	-589	12.0	2976
27.5	64	-3	61	-1	-557	11.7	4393
30.0	76	-2	72	0	-502	11.1	6023
32.5	80	-3	76	-1	-460	10.4	6544
35.0	80	-4	76	-2	-421	10.0	6491
37.5	78	-5	73	-3	-385	9.7	6150
40.0	77	-3	73	-1	-353	9.6	6062
42.5	77	-4	72	-2	-319	9.5	5967
45.0	74	-5	70	-3	-279	9.4	5624
47.5	72	-7	68	-5	-243	9.3	5273
50.0	72	-8	68	-6	-222	8.9	5257

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN RDR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

STORM 8

LEVEL 3

/CARLA / 610909 / 4780 / 859 / 2316-2337 / 0 / 24 / 91 / 486 /

/ 8 / 310 / 20 / N / 3 / 20 / 20WD / 948 / 109 / 105 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	22	-1	15	-5	-1740	22.0
7.5	27	-4	22	-7	-1750	21.8
10.0	34	-5	27	-7	-1750	22.6
12.5	42	-5	34	-6	-1730	23.6
15.0	56	-8	48	-9	-1670	22.8
17.5	75	4	71	2	-1630	22.2
20.0	98	3	88	1	-1580	21.8
22.5	109	-10	105	-12	-1500	21.4
25.0	109	-14	105	-17	-1430	21.2
27.5	100	-15	94	-18	-1320	20.8
30.0	95	-9	88	-12	-1210	20.5
32.5	90	-13	83	-15	-1160	20.5
35.0	92	-14	78	-17	-1100	20.4
37.5	91	-9	78	-11	-1060	20.4
40.0	99	4	80	2	-980	20.6
42.5	86	0	80	-3	-980	20.0
45.0	87	-9	81	-12	-940	20.4
47.5	86	-7	80	-10	-920	20.2
50.0	82	-3	78	-6	-870	19.9

/CARLA / 610909 / 4790 / 859 / 1836-1905 / 0 / 24 / 91 / 488 /

/ 8 / 310 / 225 / SW / 7 / 225 / 22WD / 948 / 73 / 84 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	7	17	4	-1640	22.0
7.5	30	13	36	9	-1610	21.6
10.0	36	15	45	11	-1560	21.5
12.5	38	6	48	3	-1500	21.5
15.0	41	6	50	3	-1450	21.9
17.5	53	2	62	-1	-1400	22.4
20.0	65	4	73	1	-1380	22.0
22.5	70	16	82	13	-1320	21.4
25.0	73	9	84	7	-1240	21.2
27.5	72	7	83	4	-1170	20.9
30.0	70	18	79	15	-1080	20.5
32.5	71	12	79	10	-1040	20.4
35.0	69	16	99	14	-970	20.3
37.5	72	8	78	6	-910	19.9
40.0	68	2	75	0	-890	19.3
42.5	64	9	74	7	-870	19.4
45.0	61	-1	71	-2	-820	19.5
47.5	59	-1	67	-3	-800	19.5
50.0	55	0	65	-1	-770	19.6

/CARLA / 610909 / 4780 / 859 / 1813-1840 / 1 / 24 / 91 / 487 /

/ 8 / 310 / 215 / NE / 3 / 45 / 22WD / 948 / 103 / 91 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	-2	6	5	-1550	21.8
7.5	29	5	10	10	-1520	22.5
10.0	30	7	15	10	-1500	22.4
12.5	29	5	21	8	-1480	21.7
15.0	41	-1	33	2	-1450	21.4
17.5	60	-2	52	0	-1450	21.5
20.0	90	6	77	8	-1370	21.3
22.5	103	-9	91	-7	-1280	20.9
25.0	96	-7	89	-6	-1210	20.3
27.5	97	-4	85	-1	-1120	20.2
30.0	87	-4	81	-2	-1040	20.2
32.5	88	-1	78	1	-980	20.2
35.0	89	-3	77	-1	-930	20.2
37.5	84	-1	75	1	-900	20.1
40.0	84	-4	74	-2	-870	20.0
42.5	85	-4	72	-3	-840	20.1
45.0	81	-3	70	-1	-770	20.0
47.5	89	2	73	3	-750	19.9
50.0	84	-2	74	0	-730	19.9

/CARLA / 610909 / 4780 / 859 / 2254-2316 / 1 / 24 / 91 / 489 /

/ 8 / 310 / 70 / W / 8 / 250 / 20WD / 948 / 85 / 93 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	-5	13	-12	-1720	22.5
7.5	10	2	16	-3	-1720	22.5
10.0	13	-3	20	-8	-1700	21.9
12.5	21	-6	30	-10	-1680	21.9
15.0	42	-7	46	-11	-1660	21.8
17.5	51	-5	58	-9	-1630	21.7
20.0	64	11	61	7	-1590	21.5
22.5	80	18	87	14	-1510	21.3
25.0	84	9	92	5	-1500	20.8
27.5	85	15	93	11	-1450	20.5
30.0	83	13	89	9	-1230	20.4
32.5	75	5	83	1	-1130	20.4
35.0	70	2	80	-3	-1080	20.5
37.5	69	5	80	1	-1030	20.3
40.0	75	-4	85	-8	-990	19.9
42.5	71	-3	80	-7	-960	19.6
45.0	74	-6	78	-10	-920	19.4
47.5	68	-5	75	-9	-890	19.3
50.0	67	-2	74	-6	-860	19.5

STORM 8

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARLA	610909	4790	859	2316-2337	O	24	91	310	8	20	N	3	20	486	20WD	948	109	22.5	105
CARLA	610909	4780	859	1813-1840	I	24	91	310	8	215	NE	3	45	487	22WD	948	103	22.5	91
CARLA	610909	4790	859	1836-1905	O	24	91	310	8	225	SW	7	225	488	22WD	948	73	25.0	84
CARLA	610909	4780	859	2254-2316	I	24	91	310	8	70	W	8	250	489	20WD	948	85	27.5	93

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	15	0	12	-1	-1653	22.1	329
7.5	24	4	21	3	-1638	22.1	674
10.0	28	4	27	2	-1613	22.1	910
12.5	32	0	33	-0	-1582	22.1	1109
15.0	44	-1	43	-2	-1542	21.9	2012
17.5	59	-0	60	-1	-1513	21.9	3595
20.0	79	5	74	4	-1463	21.6	6458
22.5	89	3	90	2	-1388	21.2	8351
25.0	89	-0	91	-2	-1328	20.9	8217
27.5	87	0	88	-0	-1248	20.6	7863
30.0	83	4	83	3	-1128	20.4	6976
32.5	80	1	80	0	-1068	20.4	6594
35.0	77	1	84	-0	-1010	20.3	6074
37.5	76	1	77	-0	-965	20.2	5922
40.0	78	-0	77	-1	-925	19.9	6241
42.5	76	0	76	-1	-904	19.8	5900
45.0	75	-4	74	-5	-853	19.8	5735
47.5	75	-2	73	-4	-830	19.7	5834
50.0	71	-1	72	-2	-799	19.7	5284

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	18	1	15	0	-1648	22.1	444
7.5	24	3	21	2	-1634	22.1	675
10.0	28	3	27	1	-1611	22.1	901
12.5	34	0	34	-0	-1579	22.0	1282
15.0	45	-0	45	-1	-1544	22.0	2225
17.5	60	1	60	-0	-1508	21.9	3968
20.0	77	4	75	2	-1455	21.6	6309
22.5	86	2	86	1	-1390	21.2	7807
25.0	83	0	89	-0	-1323	20.9	8026
27.5	86	1	87	0	-1237	20.6	7682
30.0	83	3	83	1	-1140	20.4	7057
32.5	80	1	82	0	-1071	20.4	6580
35.0	78	1	82	-0	-1014	20.3	6162
37.5	77	0	78	-0	-967	20.1	6062
40.0	77	0	77	-1	-930	19.9	6111
42.5	76	-0	76	-2	-898	19.8	5912
45.0	75	-2	74	-4	-858	19.8	5804
47.5	74	-2	73	-3	-830	19.7	5689
50.0	72	-1	72	-3	-809	19.7	5419

STORM 8

LEVEL 4

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN RDR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/CARLA / 610909 / 4780 / 859 / 2110-2127 / O / 24 / 91 / 512 //CARLA / 610909 / 4780 / 859 / 2052-2108 / I / 24 / 91 / 514 /

/ 8 / 310 / 15 / N / 3 / 15 / 21WD / 948 / 111 / 104 / 17.5 / 8 / 310 / 60 / SW / 8 / 240 / 21WD / 948 / 86 / 93 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	13	13	12	-1980	22.4	5.0	-2	-3	6	0	-1940	23.3
7.5	32	3	24	0	-1960	22.7	7.5	2	-8	9	-6	-1920	23.3
10.0	40	-2	42	-4	-1930	22.4	10.0	24	-2	31	0	-1710	22.4
12.5	65	1	58	-2	-1840	22.2	12.5	59	2	66	10	-1900	22.1
15.0	87	5	81	2	-1750	22.1	15.0	77	10	83	3	-1830	22.0
17.5	111	11	104	7	-1630	21.9	17.5	90	7	88	6	-1710	21.6
20.0	102	1	95	-2	-1580	21.8	20.0	81	6	80	5	-1620	21.3
22.5	94	-9	88	-13	-1450	21.0	22.5	86	9	93	7	-1520	21.3
25.0	91	-14	84	-18	-1410	21.0	25.0	75	-2	83	-4	-1440	21.0
27.5	91	-9	84	-13	-1330	21.0	27.5	74	-6	82	-8	-1310	20.8
30.0	85	-5	80	-10	-1290	20.5	30.0	71	-12	78	-14	-1230	20.8
32.5	83	-2	76	-5	-1240	20.9	32.5	66	-4	73	-6	-1180	21.5
35.0	84	-13	76	-16	-1210	21.2	35.0	62	-4	69	-7	-1140	21.2
37.5	81	-5	74	-7	-1200	20.8	37.5	54	-3	61	-5	-1120	21.8
40.0	76	3	68	1	-1180	20.8	40.0	57	-5	64	-7	-1060	21.2
42.5	77	-6	69	-8	-1160	20.6	42.5	55	-5	62	-7	-1050	21.0
45.0	78	-1	70	-3	-1150	20.8	45.0	52	-4	60	-5	-1040	20.5
47.5	80	-1	72	-3	-1110	20.8	47.5	56	-2	63	-4	-1040	20.4
50.0	81	1	74	0	-1080	20.8	50.0	55	-4	63	-4	-1030	20.2

/CARLA / 610909 / 4780 / 859 / 2229-2240 / O / 24 / 91 / 513 //CARLA / 610909 / 4780 / 859 / 2211-2226 / I / 24 / 91 / 515 /

/ 3 / 310 / 100 / E / 5 / 100 / 21WD / 948 / 98 / 95 / 20.0 / 8 / 310 / 140 / NW / 1 / 315 / 21WD / 948 / 101 / 100 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	2	8	8	-2050	22.7	5.0	2	-5	7	-12	-2020	22.8
7.5	19	3	17	9	-2030	22.5	7.5	13	-6	13	-13	-1980	22.7
10.0	34	3	32	9	-1990	22.4	10.0	26	-11	27	-17	-1990	22.5
12.5	50	-4	47	2	-1940	22.3	12.5	75	-4	76	-10	-1840	22.3
15.0	76	3	75	9	-1850	22.1	15.0	96	-10	96	-16	-1770	21.7
17.5	89	7	86	14	-1790	22.3	17.5	101	-14	100	-22	-1740	21.4
20.0	98	-8	95	-2	-1650	22.0	20.0	92	-12	91	-19	-1570	20.9
22.5	97	-9	94	-3	-1650	21.8	22.5	84	-8	84	-15	-1490	20.8
25.0	91	-11	88	-5	-1520	21.6	25.0	80	-15	79	-21	-1420	21.0
27.5	89	-17	86	-11	-1440	20.7	27.5	79	-11	78	-19	-1350	20.7
30.0	86	-20	83	-14	-1380	20.6	30.0	72	-10	71	-16	-1290	21.1
32.5	81	-17	78	-12	-1290	20.8	32.5	68	-7	68	-14	-1200	21.0
35.0	78	-16	75	-11	-1240	20.9	35.0	67	-11	66	-17	-1190	20.9
37.5	79	-19	76	-14	-1230	20.7	37.5	63	-11	62	-18	-1170	20.5
40.0	999	999	999	999	999	999.0	40.0	63	-6	62	-13	-1130	20.6
42.5	999	999	999	999	999	999.0	42.5	62	1	61	-6	-1090	20.6
45.0	999	999	999	999	999	999.0	45.0	63	-2	62	-8	-1060	20.5
47.5	999	999	999	999	999	999.0	47.5	67	-7	66	-14	-1000	20.6
50.0	999	999	999	999	999	999.0	50.0	63	-3	62	-10	-950	21.3

STORM 8

LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARLA	610909	4780	859	2110-2127	O	24	91	310	8	15	N	3	15	512	21WD	948	111	17.5	104
CARLA	610909	4780	859	2229-2240	O	24	91	310	8	100	E	5	100	513	21WD	948	98	20.0	95
CARLA	610909	4780	859	2052-2108	I	24	91	310	8	60	SW	8	240	514	21WD	948	86	22.5	93
CARLA	610909	4780	859	2211-2226	I	24	91	310	8	140	NW	1	315	515	21WD	948	101	17.5	100

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	7	1	7	2	-1997	22.8	122
7.5	15	-1	15	-1	-1973	22.8	351
10.0	32	-2	32	-1	-1935	22.4	1143
12.5	60	-1	60	1	-1889	22.2	3726
15.0	82	3	82	1	-1812	22.0	6827
17.5	92	3	92	3	-1724	21.8	8780
20.0	92	-2	92	-3	-1611	21.5	8642
22.5	90	-3	90	-4	-1540	21.3	8251
25.0	84	-9	84	-10	-1455	21.2	7135
27.5	83	-10	82	-11	-1362	20.8	6948
30.0	78	-12	78	-13	-1298	20.7	6243
32.5	74	-8	74	-9	-1230	21.1	5605
35.0	72	-10	71	-11	-1194	21.0	5311
37.5	68	-9	68	-10	-1179	21.0	4886
40.0	65	-2	65	-4	-1120	20.9	4384
42.5	65	-4	64	-7	-1101	20.8	4328
45.0	64	-2	64	-4	-1087	20.6	4279
47.5	67	-2	67	-5	-1060	20.6	4681
50.0	66	-1	67	-3	-1034	20.6	4601

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	9	0	9	1	-1989	22.8	198
7.5	18	-1	18	-0	-1968	22.7	511
10.0	35	-1	36	-0	-1931	22.4	1631
12.5	59	-0	59	0	-1880	22.2	3977
15.0	79	2	79	1	-1807	22.0	6603
17.5	89	1	89	1	-1717	21.8	8201
20.0	91	-1	91	-2	-1620	21.6	8434
22.5	89	-4	89	-5	-1539	21.3	8018
25.0	85	-8	85	-9	-1452	21.1	7309
27.5	82	-10	82	-11	-1368	20.9	6862
30.0	78	-11	78	-11	-1298	20.8	6238
32.5	74	-9	74	-10	-1238	21.0	5690
35.0	72	-10	71	-11	-1201	21.0	5300
37.5	69	-9	69	-10	-1178	21.0	4975
40.0	65	-3	65	-6	-1124	20.9	4438
42.5	65	-3	64	-6	-1103	20.8	4343
45.0	65	-2	65	-5	-1084	20.7	4395
47.5	66	-2	66	-4	-1059	20.6	4590
50.0	66	-2	66	-4	-1043	20.6	4597

STORM 8

LEVEL 5

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN RDR EYERAD/	CENT PRES/	MAX WINDS ACTUAL/	REL	RADIUS /MAX WD/

/CARLA / 610909 / 9880 / 715 / 1742-1808 / I / 24 / 91 / 490 /

/ 8 / 310 / 240 / NE / 3 / 55 / 22WD / 948 / 94 / 85 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	-5	11	3	-1120	16.3
7.5	25	-5	17	2	-1130	16.2
10.0	30	-8	23	-2	-1120	16.2
12.5	39	-13	28	-6	-1090	16.0
15.0	45	-11	38	-4	-1070	18.3
17.5	58	-12	53	-5	-1040	16.8
20.0	77	-13	70	-7	-960	12.8
22.5	94	-6	85	0	-880	12.0
25.0	94	-3	85	3	-820	11.4
27.5	93	-2	82	4	-760	11.1
30.0	87	-1	78	5	-760	11.1
32.5	79	-2	70	4	-660	11.0
35.0	74	-6	67	0	-620	11.0
37.5	73	-9	65	-3	-500	11.3
40.0	74	-9	66	-3	999	11.1
42.5	74	-9	65	-3	999	10.6
45.0	73	-8	64	-3	999	10.2
47.5	69	-8	61	-2	999	10.0
50.0	68	-7	59	-2	999	10.1

/CARLA / 610909 / 9880 / 715 / 1806-1829 / O / 24 / 91 / 492 /

/ 8 / 310 / 240 / SW / 8 / 240 / 22WD / 949 / 79 / 88 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	17	-9	26	-12	-1160	16.7
7.5	18	-10	30	-14	-1150	16.7
10.0	26	-3	35	-8	-1120	16.5
12.5	34	-5	44	-10	-1080	15.8
15.0	40	-6	50	-11	-1040	14.8
17.5	54	1	62	-4	-1000	13.9
20.0	64	5	69	0	-960	13.2
22.5	74	10	84	5	-920	12.4
25.0	79	11	98	6	-830	12.0
27.5	76	3	84	-2	-760	11.7
30.0	77	-5	85	-10	-750	11.4
32.5	74	-8	83	-13	-700	11.2
35.0	71	-4	80	-9	-640	11.3
37.5	71	-1	81	-6	-610	11.3
40.0	71	2	80	-3	-570	10.8
42.5	67	3	77	-2	-550	10.3
45.0	65	4	74	-1	-520	10.0
47.5	64	3	71	-2	-490	10.6
50.0	63	4	70	-1	-470	11.2

/CARLA / 610909 / 9880 / 715 / 2049-2110 / I / 24 / 91 / 491 /

/ 8 / 310 / 323 / SE / 6 / 145 / 21WD / 948 / 87 / 91 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	0	12	7	-1250	16.4
7.5	14	-2	20	5	-1240	16.6
10.0	21	-3	28	5	-1240	16.8
12.5	32	-6	38	2	-1210	16.8
15.0	50	-8	55	0	-1170	16.0
17.5	61	-7	68	1	-1130	15.0
20.0	69	-10	74	-2	-1060	13.4
22.5	84	-14	89	-6	-980	12.4
25.0	87	-13	91	-5	-880	11.6
27.5	85	-11	89	-3	-830	11.1
30.0	80	-12	83	-3	-780	11.2
32.5	78	-9	80	-1	-710	11.6
35.0	74	-9	76	0	-670	11.0
37.5	72	-6	75	2	-640	10.8
40.0	70	-2	74	6	-590	10.4
42.5	69	-3	72	5	-560	10.0
45.0	66	-6	71	2	-540	10.0
47.5	65	-7	70	1	-520	10.1
50.0	64	-9	67	0	-510	10.2

/CARLA / 610909 / 9880 / 715 / 2114-2139 / O / 24 / 91 / 493 /

/ 8 / 310 / 315 / NW / 1 / 315 / 21WD / 948 / 84 / 85 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	14	-5	14	-13	-1230	16.4
7.5	20	-3	23	-12	-1220	16.6
10.0	32	-5	32	-14	-1200	16.8
12.5	38	-2	41	-11	-1180	16.8
15.0	51	3	49	-6	-1150	16.0
17.5	59	2	57	-6	-1110	15.0
20.0	67	3	67	-5	-1060	13.4
22.5	75	5	79	-4	-1010	12.4
25.0	84	2	85	-6	-920	11.6
27.5	83	0	84	-9	-840	11.1
30.0	80	0	81	-9	-810	11.2
32.5	76	-4	78	-12	-770	11.6
35.0	76	1	78	-6	-740	11.0
37.5	83	2	84	-6	-700	10.8
40.0	78	-2	78	-11	-670	10.4
42.5	80	1	77	-8	-600	10.0
45.0	79	0	78	-9	-570	10.0
47.5	74	5	74	-4	-550	10.1
50.0	72	3	70	-6	-530	13.2

STORM 8

LEVEL 5

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARLA	610909	9880	715	1742-1808	I	24	91	310	8	240	NE	3	55	490	22WD	948	94	22.5	85
CARLA	610909	9880	715	2049-2110	I	24	91	310	8	323	SE	6	145	491	21WD	948	87	25.0	91
CARLA	610909	9880	715	1806-1829	O	24	91	310	8	240	SW	8	240	492	22WD	948	79	25.0	89
CARLA	610909	9880	715	2114-2139	O	24	91	310	8	315	NW	1	315	493	21WD	948	84	25.0	85

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	15	-4	15	-3	-1189	16.4	263
7.5	19	-4	22	-4	-1184	16.5	389
10.0	27	-4	29	-4	-1170	17.3	759
12.5	35	-6	37	-6	-1140	16.4	1268
15.0	46	-5	47	-5	-1108	16.3	2186
17.5	58	-4	59	-3	-1070	15.2	3378
20.0	69	-4	70	-3	-1009	13.2	4846
22.5	82	-1	84	-1	-946	12.3	6804
25.0	86	-1	87	-0	-862	11.6	7465
27.5	84	-2	84	-2	-797	11.2	7176
30.0	81	-4	81	-3	-774	11.2	6597
32.5	76	-5	77	-5	-709	11.3	5907
35.0	73	-4	75	-3	-666	11.1	5446
37.5	74	-3	75	-3	-610	11.0	5602
40.0	73	-2	74	-2	-614	10.7	5373
42.5	72	-2	72	-1	-572	10.2	5283
45.0	70	-2	71	-2	-546	10.1	5039
47.5	68	-1	68	-1	-523	10.2	4640
50.0	66	-2	66	-2	-507	11.1	4469

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	-4	17	-3	-1188	16.5	305
7.5	20	-4	22	-4	-1182	16.7	460
10.0	27	-5	29	-4	-1165	16.9	811
12.5	36	-6	38	-5	-1139	16.5	1393
15.0	46	-5	48	-4	-1106	16.1	2283
17.5	58	-4	59	-3	-1064	14.9	3471
20.0	69	-3	71	-3	-1007	13.4	4992
22.5	80	-1	81	-1	-940	12.4	6516
25.0	84	-1	85	-1	-865	11.7	7155
27.5	83	-2	84	-2	-808	11.4	7026
30.0	80	-4	81	-3	-766	11.3	6532
32.5	77	-5	77	-4	-712	11.3	5948
35.0	74	-4	75	-3	-664	11.1	5610
37.5	74	-3	75	-3	-618	11.0	5547
40.0	73	-2	74	-2	-613	10.6	5394
42.5	72	-2	72	-2	-576	10.3	5250
45.0	70	-2	71	-2	-548	10.1	4992
47.5	68	-2	68	-2	-526	10.4	4685
50.0	67	-2	67	-2	-513	10.9	4541

STORM	/ DATE	/ PRES ALT FEET	/ MB.	/ TIME IN INTERVAL	/OUT/ LAT/LONG/ TD	/

STORM SPD/	DIR	/ TRUE HDG	OCTANT /NOTH/STM/	AZMTH IN RDP CENT ANGLE/EYERAD/	MAX WINDS PRES/ACTUAL/REL	/MAX WD/	RADIUS

STORM 8

LEVEL 6

/CARLA / 610910 / 13800 / 618 / 2047-2104 / I / 27 / 94 / 494 /

/ 8 / 300 / 215 / NE / 3 / 40 / 20 A / 940 / 94 / 87 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	5	10	4	-1270	13.1
7.5	22	11	15	10	-1250	12.6
10.0	30	7	21	5	-1240	12.0
12.5	40	7	29	6	-1230	10.4
15.0	58	5	55	4	-1190	8.6
17.5	80	11	73	10	-1120	7.6
20.0	94	6	87	4	-1000	6.7
22.5	88	5	80	3	-880	6.2
25.0	86	4	77	3	-780	5.8
27.5	83	6	74	4	-710	5.6
30.0	80	8	71	7	-670	6.0
32.5	79	8	70	6	-620	6.1
35.0	77	12	67	11	-570	6.0
37.5	74	11	65	10	-530	6.0
40.0	70	11	62	10	-500	5.7
42.5	67	9	58	7	-470	5.2
45.0	67	9	57	7	-430	5.2
47.5	67	11	59	10	-410	5.6
50.0	67	7	60	5	-410	5.9

/CARLA / 610910 / 13800 / 618 / 2156-2214 / I / 27 / 94 / 496 /

/ 8 / 300 / 303 / SE / 5 / 120 / 20 A / 940 / 94 / 92 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	23	0	20	4	-1280	13.4
7.5	28	-3	25	2	-1270	12.8
10.0	38	-3	33	3	-1260	11.8
12.5	47	-6	45	0	-1180	10.7
15.0	55	-7	56	0	-1190	9.2
17.5	80	-3	79	4	-1050	8.4
20.0	94	-6	92	0	-970	7.4
22.5	93	-8	92	-1	-910	6.5
25.0	86	-12	83	-6	-850	5.9
27.5	80	-14	79	-7	-800	5.6
30.0	78	-14	76	-8	-750	5.2
32.5	76	-12	72	-5	-690	5.2
35.0	75	-12	71	-5	-630	5.1
37.5	72	-11	70	-4	-570	5.0
40.0	70	-13	68	-6	-510	5.1
42.5	68	-12	66	-5	-500	5.6
45.0	65	-12	66	-5	-430	5.7
47.5	68	-17	66	-10	-400	5.5
50.0	69	-16	66	-9	-390	5.4

/CARLA / 610910 / 13800 / 618 / 1815-1837 / I / 27 / 94 / 498 /

/ 8 / 300 / 100 / W / 8 / 270 / 20 A / 940 / 83 / 89 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	4	1	7	-1	-1200	13.5
7.5	7	11	12	7	-1190	12.8
10.0	18	10	24	6	-1190	11.8
12.5	30	9	35	5	-1190	10.4
15.0	51	7	57	3	-1150	9.1
17.5	72	11	77	7	-1040	8.4
20.0	83	11	89	6	-930	7.6
22.5	83	12	89	7	-840	6.6
25.0	78	10	84	5	-760	5.8
27.5	77	4	82	-1	-700	5.2
30.0	74	4	78	-1	-640	5.2
32.5	68	6	74	0	-610	5.5
35.0	67	6	72	0	-530	5.5
37.5	65	10	69	4	-490	5.6
40.0	63	10	67	4	-450	5.4
42.5	58	7	65	1	-520	5.3
45.0	59	7	65	1	-390	5.4
47.5	60	7	65	1	-360	5.6
50.0	61	10	65	4	-360	5.7

/CARLA / 610910 / 13800 / 618 / 1837-1902 / O / 27 / 94 / 495 /

/ 8 / 300 / 102 / E / 5 / 102 / 20 A / 940 / 95 / 88 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	-7	15	1	-1200	13.1
7.5	24	-6	21	1	-1180	12.6
10.0	38	-5	26	3	-1160	11.8
12.5	43	-6	38	1	-1120	10.9
15.0	60	-7	54	0	-1080	10.2
17.5	90	-7	77	0	-1020	8.6
20.0	95	-9	88	3	-950	7.4
22.5	91	-7	85	-1	-870	6.6
25.0	89	-9	84	-3	-800	6.5
27.5	88	-14	83	-8	-750	6.0
30.0	88	-14	83	-8	-700	5.4
32.5	93	-18	82	-12	-670	5.0
35.0	86	-18	80	-12	-630	4.8
37.5	80	-15	75	-8	-560	4.9
40.0	84	-15	78	-8	-480	5.2
42.5	83	-13	77	-7	-450	5.6
45.0	81	-10	73	-4	-410	5.8
47.5	80	-12	72	-6	-380	6.4
50.0	79	-10	71	-4	-350	6.8

/CARLA / 610910 / 13800 / 618 / 2104-2123 / O / 27 / 94 / 497 /

/ 8 / 300 / 215 / SW / 7 / 215 / 20 A / 940 / 84 / 93 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	-8	20	-5	-1290	13.0
7.5	13	-8	20	-5	-1270	12.7
10.0	14	-7	22	-5	-1250	12.4
12.5	22	-7	29	-5	-1250	11.8
15.0	50	-7	58	-5	-1220	10.4
17.5	80	-2	87	0	-1160	8.6
20.0	84	1	93	3	-1080	7.2
22.5	79	4	86	6	-970	6.5
25.0	75	1	82	3	-900	5.9
27.5	70	-2	77	0	-830	5.4
30.0	65	-1	73	1	-750	5.5
32.5	63	-2	70	0	-700	5.9
35.0	60	-2	68	0	-670	5.6
37.5	59	-5	66	-3	-630	5.2
40.0	57	-6	65	-5	-590	5.0
42.5	55	-6	64	-4	-550	5.2
45.0	56	-6	64	-5	-500	5.8
47.5	57	-7	63	-6	-480	6.3
50.0	58	-5	60	-4	-470	6.3

/CARLA / 610910 / 13800 / 618 / 2214-2238 / O / 27 / 94 / 499 /

/ 8 / 300 / 312 / NW / 1 / 312 / 20 A / 940 / 96 / 87 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	12	9	6	-1280	13.4
7.5	23	11	15	4	-1270	13.0
10.0	27	9	22	2	-1250	12.6
12.5	36	8	30	2	-1230	12.2
15.0	60	6	53	-1	-1190	10.6
17.5	88	5	78	-2	-1120	9.6
20.0	96	-2	87	-9	-1020	7.0
22.5	90	-11	84	-17	-900	6.2
25.0	90	-4	78	-10	-820	6.0
27.5	77	-1	75	-8	-760	5.9
30.0	69	-1	69	-8	-670	6.0
32.5	68	1	67	-6	-630	6.0
35.0	65	-4	65	-10	-600	5.9
37.5	65	-3	63	-9	-570	5.7
40.0	58	-3	60	-9	-530	5.6
42.5	61	0	60	-7	-500	5.6
45.0	62	3	60	-4	-460	5.5
47.5	61	1	59	-6	-420	5.5
50.0	58	3	57	-4	-390	5.7

STORM 8

LEVEL 6

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARLA	610910	13900	618	2047-2104	I	27	94	300	8	215	NE	3	40	494	20 A	940	94	20.0	87
CARLA	610910	13900	618	1837-1902	O	27	94	300	8	102	E	5	102	495	20 A	940	95	20.0	88
CARLA	610910	13800	618	2156-2214	I	27	94	300	8	308	SE	5	120	496	20 A	940	94	20.0	92
CARLA	610910	13900	618	2104-2123	O	27	94	300	8	215	SW	7	215	497	20 A	940	84	20.0	93
CARLA	610910	13800	618	1815-1937	I	27	94	300	8	100	W	8	270	498	20 A	940	83	20.0	89
CARLA	610910	13900	618	2214-2238	O	27	94	300	8	312	NW	1	312	499	20 A	940	96	20.0	87

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	15	0	13	1	-1258	13.2	268
7.5	19	2	17	3	-1245	13.5	425
10.0	26	1	24	1	-1231	12.1	790
12.5	35	1	33	1	-1208	12.5	1341
15.0	55	-0	55	0	-1178	9.7	3083
17.5	80	3	78	3	-1095	8.3	6478
20.0	90	0	89	0	-1000	7.2	8292
22.5	87	-0	85	-0	-900	6.4	7618
25.0	81	-1	80	-1	-822	5.9	6728
27.5	78	-2	77	-2	-761	5.6	6190
30.0	74	-1	74	-2	-698	5.6	5626
32.5	72	-1	71	-1	-653	5.7	5371
35.0	70	-1	69	-1	-606	5.5	5057
37.5	68	-1	67	-1	-562	5.4	4722
40.0	65	-1	65	-1	-514	5.3	4392
42.5	64	-1	63	-2	-501	5.4	4181
45.0	63	-0	63	-1	-442	5.6	4143
47.5	64	-2	63	-2	-414	5.8	4205
50.0	64	-1	62	-1	-402	5.9	4163

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	1	15	2	-1253	13.3	320
7.5	20	2	18	2	-1243	13.1	490
10.0	27	1	25	1	-1228	12.5	853
12.5	38	0	36	1	-1206	11.8	1655
15.0	57	0	56	1	-1164	9.9	3575
17.5	77	1	75	2	-1089	8.4	6206
20.0	86	0	85	0	-997	7.3	7602
22.5	85	-0	84	-0	-905	6.5	7392
25.0	81	-1	80	-1	-828	6.0	6759
27.5	78	-2	77	-2	-762	5.7	6191
30.0	75	-1	74	-2	-703	5.6	5703
32.5	72	-1	71	-1	-654	5.6	5376
35.0	70	-1	69	-1	-607	5.5	5053
37.5	68	-1	67	-1	-561	5.4	4722
40.0	65	-1	65	-1	-523	5.4	4422
42.5	64	-1	64	-1	-492	5.4	4232
45.0	64	-1	63	-1	-447	5.6	4181
47.5	64	-1	63	-2	-419	5.8	4189
50.0	64	-1	62	-1	-408	5.9	4172

STORM 8

LEVEL 7

STORM	DATE	PRES ALT FEET	PRES ALT MB.	TIME INTERVAL	IN /OUT	LAT/LONG	ID

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH	AZMTH STN	ANGLE	EYERAD	CENT PRES	MAX WINDS ACTUAL	MAX WINDS REL	RADIUS MAX WD

/CARLA / 610911 / 13800 / 618 / 2230-2250 / I / 28 / 96 / 500 /

/ 6 / 340 / 210 / NE / 2 / 30 / 0 / 940 / 102 / 96 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	2	19	-1	-1190	10.6
7.5	45	4	36	0	-1190	9.4
10.0	58	5	47	0	-1150	8.1
12.5	85	5	78	1	-1030	7.0
15.0	102	11	96	7	-970	6.2
17.5	97	10	92	6	-900	5.8
20.0	93	13	89	9	-770	5.7
22.5	96	17	93	13	-690	5.6
25.0	87	15	81	11	-670	5.8
27.5	82	13	78	9	-600	5.8
30.0	83	12	77	8	-560	5.4
32.5	85	10	80	6	-520	4.9
35.0	85	9	80	5	-510	4.8
37.5	80	10	75	6	-470	4.7
40.0	76	9	71	5	-460	4.8
42.5	75	9	70	5	-430	5.1
45.0	83	10	76	7	-410	4.9
47.5	83	12	75	8	-390	4.5
50.0	80	11	76	7	-360	4.6

/CARLA / 610911 / 13800 / 618 / 2250-2310 / 0 / 28 / 96 / 502 /

/ 6 / 340 / 207 / SW / 6 / 207 / 0 / 940 / 81 / 86 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	-4	21	2	-1240	11.3
7.5	31	-3	37	3	-1190	11.2
10.0	48	-6	57	-1	-1170	10.6
12.5	70	-5	79	0	-1040	9.2
15.0	77	-5	83	0	-970	8.2
17.5	77	-11	92	-6	-880	7.2
20.0	81	-13	86	-8	-830	6.0
22.5	74	-12	80	-8	-790	6.0
25.0	70	-15	77	-11	-760	6.4
27.5	65	-17	72	-13	-710	6.6
30.0	63	-14	72	-9	-650	6.3
32.5	62	-13	70	-9	-600	6.1
35.0	59	-11	67	-7	-550	5.7
37.5	60	-11	66	-7	-510	5.6
40.0	59	-10	66	-6	-460	5.3
42.5	58	-12	65	-7	-430	6.3
45.0	55	-14	63	-10	-410	5.6
47.5	54	-14	60	-10	-380	6.1
50.0	54	-15	61	-11	-360	6.2

/CARLA / 610911 / 13800 / 618 / 1950-2010 / 0 / 28 / 96 / 501 /

/ 6 / 340 / 130 / SE / 5 / 130 / 0 / 940 / 91 / 89 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	19	-14	17	-8	-1260	11.0
7.5	48	-17	47	-9	-1210	10.7
10.0	63	-16	58	-8	-1090	10.0
12.5	77	-8	75	0	-1000	8.5
15.0	91	-1	89	7	-820	7.4
17.5	96	-18	95	-11	-780	6.4
20.0	83	-22	83	-14	-730	5.7
22.5	91	-18	79	-10	-640	5.7
25.0	77	-14	78	-9	-590	5.9
27.5	78	-11	77	-4	-520	5.8
30.0	76	-12	75	-4	-480	5.6
32.5	75	-10	73	-3	-420	5.2
35.0	76	-9	72	-2	-410	5.2
37.5	72	-9	70	-1	-390	5.0
40.0	73	-5	69	2	-370	5.0
42.5	69	-4	66	4	-300	5.0
45.0	66	-4	63	4	-290	4.6
47.5	65	-3	62	4	-280	4.2
50.0	65	-1	61	6	-270	4.3

/CARLA / 610911 / 13800 / 618 / 1930-1950 / I / 28 / 96 / 503 /

/ 6 / 340 / 125 / NW / 8 / 295 / 0 / 940 / 79 / 84 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	-15	25	-8	-1290	11.6
7.5	32	7	35	5	-1270	11.2
10.0	44	5	48	1	-1180	9.6
12.5	66	4	71	0	-1090	7.7
15.0	78	9	83	3	-1020	6.9
17.5	79	17	84	12	-880	6.4
20.0	74	14	81	9	-740	5.8
22.5	70	14	77	8	-670	5.6
25.0	66	15	77	9	-620	5.4
27.5	65	15	76	9	-610	5.5
30.0	63	15	73	9	-570	5.5
32.5	64	16	70	10	-540	5.7
35.0	65	16	69	10	-480	5.7
37.5	61	16	68	10	-470	5.5
40.0	59	15	66	9	-460	5.2
42.5	59	14	64	7	-450	5.2
45.0	58	14	63	8	-430	5.2
47.5	58	14	63	8	-420	5.0
50.0	55	14	63	7	-390	4.9

STORM 8

LEVEL 7

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CARLA	610911	13800	618	2230-2250	I	28	96	340	6	210	NE	2	30	500	0	940	102	15.0	96
CARLA	610911	13800	618	1950-2010	O	28	96	340	6	130	SE	5	130	501	0	940	91	15.0	89
CARLA	610911	13800	618	2250-2310	O	28	96	340	6	207	SW	6	207	502	0	940	81	20.0	86
CARLA	610911	13800	618	1930-1950	I	28	96	340	6	125	NW	8	295	503	0	940	79	17.5	84

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	20	-7	20	-3	-1244	11.1	446
7.5	39	-2	38	-0	-1210	10.6	1595
10.0	53	-2	52	-1	-1147	9.5	2906
12.5	74	-0	75	0	-1040	8.1	5644
15.0	87	3	87	4	-945	7.1	7758
17.5	85	0	85	0	-860	6.4	7311
20.0	82	-1	84	-0	-766	5.8	6931
22.5	77	0	79	1	-693	5.7	6116
25.0	75	0	78	0	-658	5.9	5737
27.5	72	0	75	0	-608	5.9	5358
30.0	71	0	74	1	-563	5.7	5204
32.5	71	1	73	1	-518	5.5	5261
35.0	71	1	72	1	-486	5.3	5248
37.5	68	2	69	2	-459	5.2	4778
40.0	67	2	68	2	-437	5.1	4556
42.5	65	2	66	2	-403	5.4	4349
45.0	66	2	66	2	-385	5.1	4484
47.5	65	2	65	2	-368	4.9	4427
50.0	63	2	65	2	-345	5.0	4209

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	26	-5	26	-2	-1232	10.9	829
7.5	39	-3	39	-1	-1200	10.4	1731
10.0	55	-2	54	-1	-1133	9.4	3297
12.5	73	0	73	0	-1039	8.2	5586
15.0	83	1	83	2	-948	7.2	7103
17.5	84	0	85	0	-859	6.5	7164
20.0	82	-0	83	0	-771	5.9	6785
22.5	78	0	80	0	-703	5.8	6189
25.0	75	0	78	0	-657	5.9	5755
27.5	73	0	76	0	-609	5.8	5419
30.0	72	0	74	1	-563	5.7	5272
32.5	71	1	73	1	-522	5.5	5260
35.0	71	1	71	1	-488	5.3	5133
37.5	68	2	69	2	-461	5.2	4811
40.0	67	2	68	2	-435	5.2	4568
42.5	66	2	66	2	-406	5.2	4438
45.0	65	2	66	2	-386	5.1	4458
47.5	65	2	65	2	-367	5.0	4380
50.0	64	2	65	2	-352	5.0	4266

STORM 9

LEVEL 1

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN RDR EYERAD	CENT PRES	MAX WINDS ACTUAL	MAX WINDS REL	RADIUS /MAX WD/

/ESTHER / 610916 / 6400 / 811 / 1758-1818 / 0 / 23 / 60 / 174 /

/13 / 295 / 999 / X / 9 / 1 / 10 A / 935 / 128 / 113 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	53	999	39	0	-1790	19.6
7.5	87	999	73	10	-1720	19.0
10.0	123	999	110	0	-1530	18.0
12.5	120	999	113	0	-1340	16.1
15.0	119	999	106	1	-1200	14.8
17.5	113	999	99	1	-1040	14.5
20.0	92	999	78	3	-930	15.5
22.5	87	999	72	1	-850	16.4
25.0	83	999	69	7	-800	16.8
27.5	78	999	61	4	-770	17.6
30.0	80	999	65	4	-730	17.0
32.5	96	999	75	14	-700	15.4
35.0	93	999	81	6	-660	14.6
37.5	96	999	82	6	-620	14.0
40.0	97	999	81	6	-580	13.8
42.5	94	999	80	2	-550	13.8
45.0	94	999	80	3	-510	13.9
47.5	91	999	76	3	-490	13.9
50.0	88	999	74	6	-460	13.8

/ESTHER / 610916 / 6400 / 811 / 1739-1755 / 1 / 23 / 60 / 175 /

/13 / 295 / 5 / S / 6 / 185 / 10 A / 935 / 96 / 96 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	23	0	23	3	-1930	20.4
7.5	73	-9	73	-5	-1930	19.0
10.0	96	-13	96	-8	-1680	17.5
12.5	94	-10	94	-8	-1400	16.9
15.0	86	-7	86	-5	-1240	16.5
17.5	87	-3	87	-2	-1100	15.8
20.0	85	-5	85	0	-1000	15.7
22.5	80	-2	80	1	-920	16.0
25.0	75	-4	75	0	-850	16.3
27.5	72	0	72	3	-790	16.6
30.0	68	5	68	8	-770	16.2
32.5	65	12	65	13	-740	15.5
35.0	67	23	67	25	-720	15.2
37.5	66	20	66	22	-690	15.2
40.0	79	16	79	18	-630	14.8
42.5	86	10	86	11	-610	14.2
45.0	82	4	82	6	-560	14.2
47.5	84	4	84	5	-510	14.0
50.0	81	2	81	3	-480	13.6

/ESTHER / 610916 / 6400 / 811 / 2110-2125 / 0 / 23 / 60 / 179 /

/13 / 295 / 30 / NE / 3 / 50 / 10 A / 935 / 117 / 108 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	75	-3	67	11	999	999.0
10.0	117	-11	108	0	999	999.0
12.5	107	-3	99	6	999	999.0
15.0	93	-3	91	4	999	999.0
17.5	88	-2	81	4	999	18.2
20.0	82	-10	75	-4	999	17.1
22.5	86	-5	77	0	-1570	16.6
25.0	82	-4	74	1	-1480	16.7
27.5	77	-3	69	2	-1380	17.0
30.0	84	3	76	7	-1340	16.9
32.5	92	1	84	5	-1280	16.3
35.0	92	0	84	4	-1220	16.2
37.5	90	0	82	4	-1150	16.2
40.0	86	0	78	3	-1100	16.1
42.5	86	1	78	4	-1090	15.4
45.0	79	-3	71	1	-1050	14.8
47.5	78	0	70	3	-1010	14.9
50.0	80	1	72	4	-980	15.4

/ESTHER / 610916 / 6400 / 811 / 2300-2317 / 0 / 23 / 60 / 180 /

/13 / 295 / 195 / S / 7 / 195 / 10 A / 935 / 106 / 109 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	12	30	-1	999	999.0
7.5	73	9	76	-4	999	999.0
10.0	106	13	109	0	999	999.0
12.5	100	16	103	4	999	999.0
15.0	92	12	95	0	999	999.0
17.5	89	10	92	-2	999	999.0
20.0	79	9	82	-4	999	999.0
22.5	77	9	80	-3	999	999.0
25.0	72	10	75	-3	999	999.0
27.5	77	6	80	-7	999	999.0
30.0	80	2	83	-10	-1370	15.7
32.5	81	-1	84	-14	-1300	16.1
35.0	79	1	82	-12	-1230	16.0
37.5	72	8	75	-5	-1190	15.6
40.0	75	6	78	-7	-1140	15.4
42.5	71	6	74	-7	-1090	15.5
45.0	70	12	73	-1	-1070	15.5
47.5	70	10	73	-3	-1030	15.4
50.0	70	16	73	3	-990	15.3

STORM 9

LEVEL 1

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN RDR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/ESTHER / 610916 / 6400 / 811 / 2200-2220 / I / 23 / 60 / 181 /

/13 / 295 / 115 / W / 1 / 290 / 10 A / 935 / 99 / 109 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	12	30	-1	999	999.0
7.5	66	9	76	-3	999	999.0
10.0	99	13	109	0	999	18.5
12.5	87	15	97	2	-2010	18.4
15.0	85	12	95	0	-1860	18.3
17.5	82	10	92	-2	-1750	17.6
20.0	72	9	82	-4	-1650	16.9
22.5	70	9	80	-4	-1550	16.9
25.0	65	10	75	-3	-1440	17.1
27.5	71	6	81	-7	-1350	16.7
30.0	73	3	83	-10	-1230	16.2
32.5	75	-1	85	-14	-1150	16.0
35.0	72	1	82	-12	-1100	16.5
37.5	65	8	75	-5	-1040	17.2
40.0	68	6	78	-7	-1000	17.4
42.5	65	6	75	-7	-980	17.1
45.0	63	12	73	-1	-950	16.7
47.5	63	11	73	-2	-920	16.6
50.0	63	16	73	3	-880	15.4

/ESTHER / 610916 / 6400 / 811 / 2028-2045 / I / 23 / 60 / 177 /

/13 / 295 / 170 / NW / 1 / 325 / 10 A / 935 / 93 / 99 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	-2	17	3	999	999.0
7.5	60	-4	66	-5	999	999.0
10.0	93	-2	99	-6	-1660	21.0
12.5	85	-8	91	-12	-1570	20.1
15.0	77	-4	83	-9	-1310	18.6
17.5	71	-7	77	-13	-1230	17.8
20.0	78	-7	84	-13	-1130	17.0
22.5	72	-7	78	-13	-1050	16.5
25.0	69	-4	75	-10	-1030	16.4
27.5	65	-9	71	-15	-950	16.4
30.0	62	-5	68	-11	-890	16.2
32.5	61	-3	67	-10	-860	15.6
35.0	61	2	67	-5	-790	15.4
37.5	61	12	67	5	-760	15.5
40.0	75	23	81	16	-690	15.0
42.5	74	20	80	13	-650	14.8
45.0	75	20	81	13	-640	15.4
47.5	70	23	76	16	-590	16.4
50.0	74	19	80	12	-560	17.2

/ESTHER / 610916 / 6400 / 811 / 1840-1903 / I / 23 / 60 / 176 /

/13 / 295 / 105 / NW / 1 / 310 / 10 A / 935 / 107 / 114 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	10	29	-4	999	999.0
7.5	69	12	77	1	999	18.7
10.0	106	13	114	0	999	17.5
12.5	96	11	104	-3	-1500	16.8
15.0	82	7	90	-5	-1300	16.6
17.5	79	8	87	-6	-1120	16.5
20.0	75	2	83	-11	-1030	16.4
22.5	72	11	80	-3	-940	16.2
25.0	62	12	70	-2	-880	16.0
27.5	63	15	71	1	-830	15.8
30.0	57	16	65	2	-800	15.3
32.5	62	25	70	11	-740	15.4
35.0	68	19	76	5	-700	15.2
37.5	72	18	80	4	-660	14.7
40.0	72	23	80	9	-610	14.3
42.5	77	16	85	2	-580	14.0
45.0	77	24	85	10	-540	13.6
47.5	68	23	76	10	-500	13.5
50.0	66	22	74	8	-470	13.4

/ESTHER / 610916 / 6400 / 811 / 1903-1924 / O / 23 / 60 / 179 /

/13 / 295 / 345 / N / 2 / 345 / 10 A / 935 / 105 / 108 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	42	11	45	2	999	999.0
7.5	65	7	68	2	999	999.0
10.0	105	-1	108	-7	999	999.0
12.5	100	0	103	-9	-1490	19.0
15.0	94	1	97	-5	-1300	17.9
17.5	84	-5	97	-11	-1200	16.6
20.0	79	-7	82	-15	-1110	16.2
22.5	80	-10	83	-18	-1020	16.4
25.0	79	-9	82	-19	-950	16.3
27.5	76	-7	79	-16	-900	16.0
30.0	75	-5	78	-14	-850	16.1
32.5	75	-3	78	-12	-800	16.4
35.0	78	7	81	-2	-760	16.4
37.5	77	4	80	-6	-710	16.3
40.0	76	9	79	0	-660	16.0
42.5	74	5	77	-3	-620	15.7
45.0	71	3	74	-6	-570	15.8
47.5	72	6	75	-3	-530	16.4
50.0	67	7	70	-1	-500	16.7

STORM 9

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ESTHER	610915	6400	811	1758-1818	O	23	60	295	13	999	X	9	1	174	10 A	935	128	12.5	113
ESTHER	610916	6400	811	2110-2125	O	23	60	295	13	30	NE	3	50	179	10 A	935	117	10.0	108
ESTHER	610916	6400	811	1739-1755	I	23	60	295	13	5	S	6	185	175	10 A	935	96	10.0	96
ESTHER	610916	6400	811	2300-2317	O	23	60	295	13	195	S	7	195	180	10 A	935	106	10.0	109
ESTHER	610916	6400	811	2200-2220	I	23	60	295	13	115	W	1	290	181	10 A	935	99	10.0	109
ESTHER	610916	6400	811	1840-1903	I	23	60	295	13	105	NW	1	310	176	10 A	935	107	10.0	114
ESTHER	610716	6400	811	2028-2045	I	23	60	295	13	170	NW	1	325	177	10 A	935	93	10.0	99
ESTHER	610916	6400	811	1903-1924	O	23	60	295	13	345	N	2	345	178	10 A	935	105	10.0	108

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	31	7	30	0	-1860	20.0	1208
7.5	72	1	71	1	-1825	18.9	5284
10.0	106	-1	105	-2	-1629	18.1	11442
12.5	100	2	99	-0	-1506	17.2	10150
15.0	92	1	92	-0	-1345	16.5	8667
17.5	87	1	87	-1	-1208	16.8	7786
20.0	80	-2	80	-3	-1106	16.4	6556
22.5	79	-0	78	-2	-1201	16.4	6289
25.0	74	0	74	-1	-1124	16.6	5634
27.5	73	0	73	-2	-1051	16.7	5465
30.0	75	2	74	-0	-1084	16.3	5722
32.5	78	3	77	0	-1030	15.9	6350
35.0	78	6	78	2	-981	15.8	6295
37.5	76	8	75	4	-930	15.8	5939
40.0	79	8	78	4	-882	15.6	6369
42.5	79	6	79	1	-857	15.2	6415
45.0	76	6	75	2	-820	15.0	5908
47.5	75	6	75	2	-781	15.1	5794
50.0	75	8	74	4	-748	14.9	5706

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	45	5	44	0	-1848	19.7	2682
7.5	76	1	75	0	-1775	18.7	6462
10.0	97	0	96	-1	-1608	18.0	9874
12.5	97	1	97	-0	-1501	17.2	9710
15.0	92	1	92	-0	-1350	16.5	8708
17.5	87	0	87	-1	-1218	16.8	7709
20.0	81	-0	81	-3	-1113	16.5	6778
22.5	78	-0	78	-2	-1197	16.5	6248
25.0	75	0	75	-1	-1124	16.6	5745
27.5	74	0	73	-1	-1057	16.6	5599
30.0	75	2	75	-0	-1082	16.3	5848
32.5	78	3	77	0	-1031	16.0	6211
35.0	77	6	77	2	-981	15.8	6185
37.5	77	7	76	3	-931	15.7	6108
40.0	78	7	78	3	-888	15.5	6315
42.5	78	6	78	2	-855	15.2	6263
45.0	76	6	76	2	-819	15.1	5968
47.5	75	7	75	2	-782	15.0	5816
50.0	75	7	74	3	-759	15.0	5743

STORM 9

LEVEL 2

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN ROR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/ESTHER / 610916 / 20500 / 477 / 1931-1940 / 0 / 23 / 60 / 189 /

/13 / 295 / 7 / N / 2 / 7 / 10 A / 935 / 100 / 87 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	29	-6	15	4	999	-1.3
7.5	47	-8	35	-3	-120	-1.2
10.0	87	1	75	2	10	-1.6
12.5	100	-1	87	-2	250	-2.1
15.0	99	0	85	-3	370	-3.9
17.5	93	-5	79	-9	440	-5.7
20.0	97	-2	75	-7	530	-6.4
22.5	92	0	69	-6	610	-7.0
25.0	90	1	68	-5	660	-7.3
27.5	77	-4	65	-9	740	-7.5
30.0	75	-5	61	-12	770	-7.7
32.5	999	999	63	999	999	-7.8
35.0	999	999	999	999	999	-7.9
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/ESTHER / 610916 / 20500 / 477 / 1835-1849 / 1 / 23 / 60 / 183 /

/13 / 295 / 170 / N / 3 / 20 / 10 A / 935 / 106 / 103 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	8	18	-7	-50	-2.8
7.5	46	5	39	-10	-60	-2.3
10.0	80	17	76	3	30	-3.4
12.5	103	26	93	13	160	-3.8
15.0	106	29	102	15	320	-5.6
17.5	93	16	83	4	440	-5.8
20.0	88	8	77	2	530	-6.2
22.5	88	5	77	-4	600	-6.5
25.0	88	2	77	-4	670	-7.0
27.5	83	-3	71	-8	730	-7.4
30.0	77	-7	62	-12	790	-7.4
32.5	72	-11	60	-17	810	-7.1
35.0	70	-13	58	-19	830	-6.8
37.5	69	-11	57	-17	840	-6.6
40.0	71	-2	54	-9	860	-7.0
42.5	80	6	66	-2	950	-7.4
45.0	90	-2	77	-9	960	-7.9
47.5	99	6	86	2	970	-8.4
50.0	99	999	86	999	950	-8.7

/ESTHER / 610916 / 20500 / 477 / 1849-1907 / 1 / 23 / 60 / 182 /

/13 / 295 / 165 / N / 3 / 20 / 10 A / 935 / 109 / 94 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	-10	10	5	-60	-2.6
7.5	33	-5	26	9	-70	-2.5
10.0	90	-7	90	0	40	-3.5
12.5	109	-4	94	-3	250	-4.0
15.0	102	-4	87	-2	380	-5.4
17.5	95	-8	81	-9	460	-6.1
20.0	91	-4	76	-7	530	-6.5
22.5	89	4	74	0	600	-6.8
25.0	86	2	72	-3	690	-7.4
27.5	81	4	67	-1	750	-7.3
30.0	77	7	64	2	780	-7.3
32.5	75	10	61	5	830	-7.4
35.0	74	10	60	4	860	-7.4
37.5	75	11	62	5	880	-7.3
40.0	77	9	64	3	890	-7.2
42.5	79	13	64	6	920	-7.7
45.0	77	-6	64	-12	980	-7.8
47.5	76	-14	64	-20	980	-8.3
50.0	75	-15	63	-21	960	-8.6

/ESTHER / 610916 / 20500 / 477 / 1907-1926 / 1 / 23 / 60 / 190 /

/13 / 295 / 190 / N / 3 / 23 / 10 A / 935 / 93 / 78 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	32	-1	14	0	-40	-3.0
7.5	56	6	46	9	-90	-3.5
10.0	82	1	75	4	140	-3.9
12.5	93	3	78	5	330	-4.7
15.0	89	1	72	2	420	-5.9
17.5	85	2	71	2	490	-6.2
20.0	84	5	70	5	570	-7.0
22.5	81	1	67	-1	630	-7.0
25.0	77	6	63	4	670	-7.0
27.5	72	4	58	1	720	-7.2
30.0	68	1	53	-3	770	-7.2
32.5	68	-1	55	-5	800	-7.2
35.0	72	-3	56	-7	810	-7.0
37.5	75	-1	60	-6	820	-6.8
40.0	79	1	63	-5	860	-6.8
42.5	80	0	68	-5	890	-7.0
45.0	79	6	63	0	920	-7.3
47.5	82	6	69	0	950	-7.6
50.0	86	-5	75	-10	960	-8.0

STORM 9

LEVEL 2

STORM	DATE	PRES ALT FEET	PRES ALT MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN RDR CENT EYERAD/	MAX WINDS PRES/	ACTUAL/	REL	RADIUS /MAX WD/

/ESTHER / 610916 / 20500 / 477 / 1655-1716 / 0 / 23 / 60 / 184 /

/13 / 295 / 25 / NE / 3 / 25 / 10 A / 935 / 106 / 94 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	31	-9	15	-4	-30	-1.0
7.5	50	-9	40	-5	80	-1.3
10.0	90	-11	81	-8	200	-2.2
12.5	104	-13	94	-11	380	-3.8
15.0	106	-20	94	-19	430	-4.6
17.5	102	-10	87	-9	490	-5.2
20.0	91	1	78	2	590	-5.4
22.5	85	5	70	5	660	-5.7
25.0	82	-5	62	-4	700	-6.5
27.5	80	-5	65	-4	740	-6.6
30.0	78	-4	65	-3	780	-6.9
32.5	77	-4	62	-3	800	-7.0
35.0	76	-2	60	-2	830	-7.0
37.5	73	2	58	2	840	-7.2
40.0	72	2	58	1	860	-7.1
42.5	74	7	59	7	930	-7.0
45.0	78	16	60	16	940	-6.9
47.5	77	10	62	10	950	-7.2
50.0	69	12	54	12	960	-7.5

/ESTHER / 610916 / 20500 / 477 / 1747-1800 / 1 / 23 / 60 / 186 /

/13 / 295 / 120 / W / 1 / 283 / 10 A / 935 / 87 / 87 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	28	999	999	999	999	999.0
7.5	40	6	50	3	999	-3.3
10.0	64	15	73	3	160	-4.0
12.5	87	30	87	16	260	-4.3
15.0	87	32	85	18	410	-5.1
17.5	83	35	81	20	510	-5.7
20.0	79	31	76	17	590	-5.9
22.5	77	30	74	16	640	-6.2
25.0	74	29	70	15	690	-6.1
27.5	69	29	64	14	730	-6.0
30.0	65	26	58	11	760	-6.3
32.5	65	26	61	11	780	-6.5
35.0	63	26	59	12	810	-6.6
37.5	60	15	56	1	840	-6.5
40.0	64	18	68	4	920	-6.5
42.5	61	20	57	5	960	-6.5
45.0	58	19	48	5	970	-6.3
47.5	68	22	64	8	970	-6.5
50.0	73	25	72	11	1000	-6.6

/ESTHER / 610916 / 20500 / 477 / 1812-1829 / 0/ 23 / 60 / 188 /

/13 / 295 / 355 / N / 3 / 355 / 10 A / 935 / 108 / 94 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	31	-11	15	-1	999	-1.1
7.5	51	-11	35	-8	-90	-1.2
10.0	83	0	76	0	50	-1.7
12.5	108	6	94	3	260	-3.5
15.0	108	8	92	4	380	-4.2
17.5	103	11	88	6	420	-6.0
20.0	97	1	82	-4	550	-6.2
22.5	88	5	75	-1	650	-6.5
25.0	83	10	70	3	710	-6.9
27.5	79	5	66	-1	750	-7.2
30.0	78	5	68	-2	790	-7.5
32.5	77	7	64	0	810	-7.5
35.0	76	6	60	-1	840	-7.5
37.5	74	7	62	-1	880	-7.2
40.0	74	5	60	-2	900	-7.1
42.5	79	15	65	8	920	-6.8
45.0	84	22	74	15	970	-7.1
47.5	83	20	69	12	1020	-7.2
50.0	79	19	65	11	1010	-7.3

/ESTHER / 610916 / 20500 / 477 / 1635-1655 / 1 / 23 / 60 / 185 /

/13 / 295 / 20 / S / 7 / 200 / 10 A / 935 / 74 / 94 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	-1	26	-2	50	-2.9
7.5	27	-3	50	-3	60	-3.4
10.0	55	4	66	4	210	-4.4
12.5	71	11	86	11	300	-5.3
15.0	74	13	94	13	400	-6.0
17.5	70	16	85	18	500	-6.6
20.0	62	4	76	7	600	-6.9
22.5	60	0	75	5	680	-7.2
25.0	60	1	75	7	780	-7.2
27.5	56	-3	71	-3	830	-7.5
30.0	55	-4	68	3	860	-7.7
32.5	55	-6	68	-1	890	-7.8
35.0	51	0	68	8	930	-8.0
37.5	51	-2	63	-5	950	-8.2
40.0	56	2	75	9	960	-7.9
42.5	51	2	65	9	1000	-7.6
45.0	43	-5	58	2	1020	-7.7
47.5	46	-3	60	3	1030	-8.1
50.0	47	-4	60	2	1030	-8.3

/ESTHER / 610916 / 20500 / 477 / 1940-1949 / 1 / 23 / 60 / 187 /

/13 / 295 / 170 / NW / 2 / 320 / 10 A / 935 / 104 / 93 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	12	10	-1	999	999.0
7.5	52	5	50	-1	-40	-2.3
10.0	88	-1	85	-5	40	-4.0
12.5	104	-16	99	-19	180	-4.2
15.0	95	-11	75	-13	350	-5.4
17.5	82	-14	67	-15	470	-5.9
20.0	87	-8	67	-11	560	-6.4
22.5	80	-7	64	-11	630	-7.0
25.0	80	-10	68	-13	650	-7.4
27.5	79	-3	63	-7	690	-7.4
30.0	76	-3	64	-7	750	-7.4
32.5	999	3	59	-3	999	-7.6
35.0	999	999	999	999	999	999.0
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 9

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ESTHER	610916	20500	477	1931-1940	O	23	60	295	13	7	N	2	7	189	10 A	935	100	12.5	87
ESTHER	610916	20500	477	1849-1907	I	23	60	295	13	165	N	3	20	182	10 A	935	109	12.5	94
ESTHER	610916	20500	477	1835-1849	I	23	60	295	13	170	N	3	20	183	10 A	935	106	15.0	102
ESTHER	610916	20500	477	1907-1926	I	23	60	295	13	190	N	3	23	190	10 A	935	93	12.5	79
ESTHER	610916	20500	477	1655-1716	O	23	60	295	13	25	NE	3	25	184	10 A	935	106	12.5	94
ESTHER	610916	20500	477	1635-1655	I	23	60	295	13	20	S	7	200	185	10 A	935	74	15.0	94
ESTHER	610916	20500	477	1747-1800	I	23	60	295	13	120	W	1	283	186	10 A	935	87	12.5	87
ESTHER	610916	20500	477	1940-1949	I	23	60	295	13	170	NW	2	320	187	10 A	935	104	12.5	99
ESTHER	610916	20500	477	1812-1929	O	23	60	295	13	355	N	3	355	188	10 A	935	108	12.5	94

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	22	-1	18	-1	1	-2.0	576
7.5	39	-2	45	-2	23	-2.6	1709
10.0	72	1	74	-0	160	-3.5	5433
12.5	89	4	90	2	295	-4.4	8339
15.0	89	4	89	1	401	-5.2	8279
17.5	84	9	82	6	487	-6.0	7376
20.0	78	6	75	4	584	-6.2	6318
22.5	74	5	72	4	656	-6.6	5650
25.0	72	3	69	2	720	-6.8	5374
27.5	69	2	66	-0	766	-7.0	4911
30.0	67	1	64	0	802	-7.2	4617
32.5	66	2	63	0	830	-7.3	4498
35.0	64	6	62	4	863	-7.4	4231
37.5	62	4	60	-1	886	-7.4	4009
40.0	65	6	66	4	915	-7.3	4287
42.5	63	9	61	7	959	-7.1	4202
45.0	61	9	58	7	980	-7.1	4115
47.5	64	8	62	6	993	-7.4	4427
50.0	63	8	62	6	1000	-7.6	4237

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	28	-1	27	-2	11	-2.1	954
7.5	45	-1	49	-1	52	-2.8	2451
10.0	69	1	71	-0	174	-3.5	5414
12.5	84	3	85	1	291	-4.4	7593
15.0	87	5	87	2	395	-5.2	7882
17.5	83	6	82	4	488	-5.8	7238
20.0	78	6	76	4	578	-6.2	6381
22.5	75	5	72	3	653	-6.6	5764
25.0	72	3	69	2	715	-6.8	5356
27.5	69	2	67	0	762	-7.0	4949
30.0	67	2	65	0	797	-7.2	4690
32.5	66	2	63	1	831	-7.3	4466
35.0	64	5	62	2	861	-7.4	4234
37.5	63	4	62	1	887	-7.4	4135
40.0	64	6	64	4	919	-7.2	4228
42.5	63	8	61	6	954	-7.1	4187
45.0	63	8	60	6	977	-7.2	4211
47.5	64	8	62	6	991	-7.4	4325
50.0	63	8	62	6	997	-7.5	4266

STORM 9
LEVEL 3

STORM / DATE / PRES ALT FEET / MB. / TIME IN INTERVAL /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT NORTH/STM/ANGLE/EYERAD/ AZMTH IN RDP CENT PRES/ACTUAL/REL / MAX WINDS MAX WD/ RADIUS

/ESTHER / 610916 / 20500 / 477 / 2058-2104 / 0 / 23 / 60 / 191 /

/13 / 295 / 0 / N / 2 / 0 / 10 A / 935 / 91 / 76 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	31	4	6	7	-110	-2.4
7.5	47	4	34	4	-60	-3.0
10.0	78	0	74	-1	90	-3.4
12.5	91	10	76	6	220	-4.2
15.0	90	5	76	1	350	-4.5
17.5	85	7	71	1	430	-5.0
20.0	999	8	63	3	999	999.0
22.5	999	999	999	999	999	999.0
25.0	999	999	999	999	999	999.0
27.5	999	999	999	999	999	999.0
30.0	999	999	999	999	999	999.0
32.5	999	999	999	999	999	999.0
35.0	999	999	999	999	999	999.0
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/ESTHER / 610916 / 20500 / 477 / 2110-2130 / 0 / 23 / 60 / 193 /

/13 / 295 / 205 / SW / 7 / 205 / 10 A / 935 / 74 / 96 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	-14	24	-13	-70	-1.9
7.5	39	-16	47	-17	-30	-1.8
10.0	51	-4	72	-6	100	-1.8
12.5	67	-3	47	-5	240	-2.8
15.0	74	-18	96	-21	310	-4.4
17.5	73	-15	88	-17	360	-5.2
20.0	66	-15	78	-7	470	-5.6
22.5	62	-20	76	-23	520	-6.1
25.0	60	-20	74	-22	570	-6.5
27.5	58	-19	72	-21	610	-6.7
30.0	56	-17	68	-19	660	-6.8
32.5	57	-21	71	-23	710	-6.9
35.0	63	-27	77	-29	790	-6.9
37.5	64	-28	75	-30	840	-6.4
40.0	63	-9	84	-10	850	-6.5
42.5	61	-8	76	-10	860	-7.1
45.0	58	-11	72	-12	920	-7.4
47.5	58	-16	72	-17	940	-7.6
50.0	59	-22	74	-24	960	-7.7

/ESTHER / 610916 / 20500 / 477 / 2104-2110 / 1 / 23 / 60 / 195 /

/13 / 295 / 180 / N / 2 / 355 / 10 A / 935 / 99 / 85 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	22	3	8	-4	-170	-2.3
7.5	39	3	27	-4	-140	-2.1
10.0	74	8	66	2	-20	-2.4
12.5	99	6	85	1	120	-3.8
15.0	95	8	80	3	280	-4.8
17.5	88	13	73	9	430	-5.4
20.0	999	17	67	13	999	999.0
22.5	999	999	999	999	999	999.0
25.0	999	999	999	999	999	999.0
27.5	999	999	999	999	999	999.0
30.0	999	999	999	999	999	999.0
32.5	999	999	999	999	999	999.0
35.0	999	999	999	999	999	999.0
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/ESTHER / 610916 / 20500 / 477 / 2020-2034 / 0 / 23 / 60 / 192 /

/13 / 295 / 45 / NE / 3 / 45 / 10 A / 935 / 106 / 90 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-12	16	1	999	1.1
7.5	43	-12	34	-1	-110	.6
10.0	86	-6	76	2	130	-1.9
12.5	106	-15	90	-8	320	-3.4
15.0	100	-14	86	-8	320	-3.6
17.5	96	-12	81	-7	390	-4.0
20.0	91	-9	77	-4	490	-5.3
22.5	75	0	71	-3	580	-6.2
25.0	82	-10	72	-7	600	-6.3
27.5	78	-8	63	-5	620	-6.6
30.0	74	-5	60	-2	710	-6.6
32.5	73	-6	58	-3	790	-6.9
35.0	75	-4	60	-1	830	-6.9
37.5	999	999	999	999	999	-6.9
40.0	999	999	999	999	999	-7.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/ESTHER / 610916 / 20500 / 477 / 2044-2058 / 1 / 23 / 60 / 194 /

/13 / 295 / 110 / W / 8 / 270 / 10 A / 935 / 79 / 68 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	36	3	24	-7	-130	-2.2
7.5	46	0	34	-12	-100	-2.2
10.0	64	16	62	4	0	-3.1
12.5	79	22	68	8	200	-3.7
15.0	76	22	65	8	350	-4.9
17.5	74	28	63	17	450	-5.6
20.0	74	21	62	12	540	-5.8
22.5	72	18	60	11	600	-5.7
25.0	74	25	69	20	670	-6.0
27.5	74	14	63	7	730	-6.5
30.0	71	10	56	5	760	-6.8
32.5	68	6	55	0	780	-6.9
35.0	56	6	51	0	800	-6.9
37.5	39	-11	27	-18	810	-6.8
40.0	999	-10	31	-17	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 9

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ESTHER	610916	20500	477	2058-2104	O	23	60	295	13	0	N	2	0	191	10 A	935	91	12.5	76
ESTHER	610916	20500	477	2020-2034	O	23	60	295	13	45	NE	3	45	192	10 A	935	106	12.5	90
ESTHER	610916	20500	477	2110-2130	O	23	60	295	13	205	SW	7	205	193	10 A	935	74	15.0	96
ESTHER	610916	20500	477	2044-2058	I	23	60	295	13	110	W	8	270	194	10 A	935	79	12.5	68
ESTHER	610916	20500	477	2104-2110	I	23	60	295	13	180	N	2	355	195	10 A	935	99	12.5	85

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	25	-6	18	-5	-106	-1.2	699
7.5	40	-7	37	-8	-83	-1.3	1693
10.0	63	1	70	-0	72	-2.3	4878
12.5	86	0	70	-1	238	-3.4	7702
15.0	85	-3	83	-6	320	-4.3	7452
17.5	82	-0	77	-2	400	-5.0	6899
20.0	78	-0	71	1	497	-5.5	6275
22.5	70	-1	69	-5	566	-6.0	4945
25.0	72	-3	71	-4	610	-6.3	5401
27.5	70	-5	65	-6	647	-6.6	5065
30.0	67	-4	61	-5	708	-6.7	4623
32.5	66	-7	61	-8	762	-6.9	4483
35.0	65	-8	62	-9	809	-6.9	4416
37.5	51	-19	51	-24	825	-6.7	2808
40.0	63	-9	57	-13	850	-6.8	3969
42.5	61	-8	76	-10	860	-7.1	3721
45.0	58	-11	72	-12	920	-7.4	3364
47.5	58	-16	72	-17	940	-7.6	3364
50.0	59	-22	74	-24	960	-7.7	3481

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	30	-6	24	-6	-93	-1.2	1030
7.5	45	-5	42	-5	-43	-1.5	2324
10.0	67	-0	63	-2	84	-2.4	4946
12.5	81	-0	71	-2	220	-3.4	6950
15.0	83	-2	79	-4	315	-4.2	7188
17.5	81	-0	76	-2	397	-4.9	6841
20.0	77	-0	72	-1	491	-5.5	6086
22.5	72	-2	70	-4	558	-6.0	5344
25.0	72	-3	69	-4	606	-6.3	5303
27.5	70	-4	65	-5	652	-6.6	5014
30.0	67	-5	62	-6	707	-6.7	4686
32.5	66	-7	61	-8	760	-6.9	4517
35.0	65	-9	60	-10	799	-6.8	4333
37.5	53	-15	55	-19	817	-6.8	3016
40.0	62	-10	55	-14	847	-6.8	3916
42.5	60	-9	76	-11	871	-7.1	3680
45.0	58	-11	73	-13	912	-7.4	3443
47.5	58	-16	72	-17	938	-7.6	3413
50.0	58	-20	73	-21	952	-7.7	3458

STORM / DATE / PRES ALT FEET / MB. / TIME IN INTERVAL /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG /OCTANT NOTH/STM/ AZMTH ANGLE/FYERAD/ IN RDR CENT PRES/ACTUAL/REL / MAX WINDS MAX WD/ RADIUS

STORM 9

LEVEL 4

/ESTHER / 610917 / 6400 / 811 / 1410-1427 / 0 / 24 / 65 / 196 /

/10 / 300 / 15 / N / 2 / 0 / 0 / 940 / 112 / 100 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	61	-11	55	-9	999	19.2
7.5	99	-3	87	-3	-1900	18.7
10.0	112	10	100	5	-1660	17.5
12.5	105	-8	95	-8	-1510	16.0
15.0	95	-1	86	-3	-1380	15.8
17.5	85	-5	77	-6	-1290	16.6
20.0	84	-3	75	-5	-1200	16.9
22.5	88	-2	77	-3	-1120	16.6
25.0	91	1	80	-1	-1060	16.5
27.5	89	1	79	-1	-990	16.4
30.0	94	-1	80	-3	-920	16.0
32.5	95	1	82	0	-880	16.2
35.0	93	-1	84	0	-820	16.0
37.5	93	5	85	1	-780	15.6
40.0	94	4	85	2	-730	15.3
42.5	99	6	83	4	-700	15.4
45.0	94	10	83	7	-650	15.6
47.5	93	15	84	12	-570	15.4
50.0	92	0	85	-2	-540	15.2

/ESTHER / 610917 / 6400 / 811 / 1352-1408 / 1 / 24 / 65 / 198 /

/10 / 300 / 30 / NW / 1 / 295 / 0 / 940 / 96 / 104 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	34	-9	37	-1	999	20.4
7.5	73	-2	72	8	-2120	19.2
10.0	96	-9	104	-5	-1830	17.6
12.5	85	-11	93	-6	-1530	16.6
15.0	72	-5	83	-2	-1380	16.4
17.5	66	-3	78	1	-1260	16.0
20.0	64	2	75	6	-1160	16.6
22.5	63	2	73	6	-1070	16.0
25.0	59	4	71	6	-1020	15.7
27.5	60	0	71	2	-960	16.0
30.0	64	-1	76	0	-870	16.1
32.5	70	-3	81	-2	-800	15.8
35.0	72	-2	81	2	-760	15.3
37.5	70	4	82	5	-690	15.2
40.0	73	-5	85	-4	-630	14.9
42.5	75	-6	83	-4	-610	14.8
45.0	66	-6	80	-4	-560	14.7
47.5	68	-3	79	-3	-490	14.2
50.0	71	-10	82	-9	-460	13.8

/ESTHER / 610917 / 6400 / 811 / 1522-1536 / 1 / 24 / 65 / 200 /

/10 / 300 / 160 / N / 2 / 345 / 0 / 940 / 94 / 90 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	44	-6	40	-7	-2200	19.1
7.5	84	0	77	0	-2010	18.6
10.0	94	1	90	-2	-1720	17.4
12.5	90	7	83	3	-1470	16.2
15.0	82	5	73	1	-1310	16.5
17.5	71	6	66	1	-1210	17.0
20.0	72	8	64	3	-1130	17.0
22.5	72	6	65	1	-1050	16.3
25.0	70	10	63	4	-1040	15.7
27.5	71	3	64	-3	-1000	16.0
30.0	81	6	72	1	-950	16.3
32.5	78	9	75	3	-880	16.1
35.0	87	11	77	5	-790	15.9
37.5	83	15	999	10	999	15.6
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/ESTHER / 610917 / 6400 / 811 / 1453-1505 / 1 / 24 / 65 / 197 /

/10 / 300 / 115 / W / 1 / 295 / 0 / 940 / 88 / 90 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	60	-4	61	-13	-2130	18.7
7.5	77	8	82	-1	-1950	18.2
10.0	89	4	90	-6	-1640	17.6
12.5	79	-3	84	-12	-1400	17.5
15.0	73	1	76	-9	-1290	17.7
17.5	65	-1	68	-10	-1230	17.2
20.0	63	-1	64	-11	-1160	16.4
22.5	61	0	65	-9	-1130	16.0
25.0	72	0	72	-10	-960	16.0
27.5	74	-1	76	-10	-870	15.5
30.0	74	-2	75	-11	-820	15.6
32.5	74	-6	76	-15	-770	15.8
35.0	74	-2	77	-11	-700	15.9
37.5	76	-6	77	-15	-660	15.8
40.0	75	-1	80	-11	-630	15.4
42.5	77	0	81	-10	-610	14.6
45.0	79	1	80	-9	-540	14.2
47.5	77	0	80	-9	-510	14.2
50.0	75	5	79	-5	-480	14.2

/ESTHER / 610917 / 6400 / 811 / 1508-1522 / 0 / 24 / 65 / 199 /

/10 / 300 / 355 / N / 2 / 335 / 0 / 940 / 105 / 97 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	-2130	20.0
7.5	87	3	78	999	-1890	18.6
10.0	105	1	97	999	-1620	17.4
12.5	92	9	84	999	-1470	16.2
15.0	80	5	72	999	-1340	16.2
17.5	79	4	71	999	-1240	16.8
20.0	71	6	65	999	-1150	16.8
22.5	80	7	72	999	-1100	16.4
25.0	80	10	72	999	-1050	16.1
27.5	82	12	75	999	-970	16.0
30.0	85	15	78	999	-910	16.0
32.5	89	15	83	999	-850	15.7
35.0	87	15	81	999	-800	15.5
37.5	80	19	73	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 9

LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ESTHER	610917	6400	811	1410-1427	O	24	65	300	10	15	N	2	0	196	0	940	112	10.0	100
ESTHER	610917	6400	811	1453-1505	I	24	65	300	10	115	W	1	285	197	0	940	89	10.0	90
ESTHER	610917	6400	811	1352-1408	I	24	65	300	10	30	NW	1	295	198	0	940	96	10.0	104
ESTHER	610917	6400	811	1509-1522	O	24	65	300	10	355	N	2	335	199	0	940	105	10.0	97
ESTHER	610917	6400	811	1522-1536	I	24	65	300	10	160	N	2	345	200	0	940	94	10.0	90

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	56	-7	54	-9	-2160	19.1	3296
7.5	86	2	82	-0	-1938	18.5	7653
10.0	99	5	95	-0	-1662	17.5	10111
12.5	91	-4	89	-8	-1462	16.7	8521
15.0	82	0	80	-5	-1333	16.7	6981
17.5	74	-2	72	-6	-1252	16.8	5652
20.0	72	-0	69	-5	-1174	16.7	5380
22.5	74	0	71	-4	-1117	16.3	5651
25.0	79	1	74	-3	-1014	16.2	6430
27.5	79	0	76	-4	-937	16.0	6362
30.0	82	-0	77	-5	-875	15.9	6939
32.5	83	-0	79	-6	-827	16.0	7105
35.0	83	0	80	-3	-764	15.9	6995
37.5	85	1	80	-4	-721	15.6	7474
40.0	84	1	82	-3	-678	15.3	7155
42.5	82	2	82	-2	-653	15.0	6865
45.0	84	4	81	-0	-595	14.9	7306
47.5	83	6	81	1	-537	14.8	7115
50.0	82	1	82	-3	-507	14.6	6944

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	66	-4	64	-6	-2097	18.9	4729
7.5	85	1	81	-2	-1876	18.4	7629
10.0	94	1	90	-3	-1666	17.5	9093
12.5	90	-1	87	-6	-1481	16.9	8279
15.0	82	-0	80	-5	-1350	16.8	6973
17.5	76	-1	73	-6	-1257	16.8	5914
20.0	73	-0	70	-5	-1181	16.6	5581
22.5	75	0	71	-4	-1107	16.3	5828
25.0	78	1	74	-4	-1018	16.2	6263
27.5	79	0	76	-4	-942	16.0	6491
30.0	82	-0	77	-5	-880	15.9	6866
32.5	83	-0	79	-5	-824	15.9	7018
35.0	83	0	80	-4	-770	15.8	7121
37.5	84	1	80	-4	-722	15.6	7283
40.0	83	1	82	-3	-683	15.3	7144
42.5	83	2	82	-2	-646	15.1	7045
45.0	84	4	81	-0	-593	14.9	7193
47.5	83	4	81	-0	-543	14.8	7092
50.0	83	2	82	-2	-519	14.7	6993

STORM 9

LEVEL 5

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
/ESTHER	610917	6400	811	1605-1625	0	24 / 65	201

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH /NOTH/STM	ANGLE	EYERAD	PRES	MAX WINDS ACTUAL	REL	RADIUS /MAX WD/
/10	300	35	NE / 3	35	0	940	108	98	10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	48	-6	43	0	-2190	19.4
7.5	84	-4	76	0	-2020	19.0
10.0	108	1	98	3	-1790	17.8
12.5	102	1	93	2	-1580	16.7
15.0	97	3	85	3	-1440	16.9
17.5	88	11	80	1	-1330	17.4
20.0	86	-1	77	-2	-1220	17.4
22.5	87	0	79	-1	-1130	16.8
25.0	94	3	82	2	-1050	16.2
27.5	90	4	82	3	-1000	16.0
30.0	92	2	85	1	-920	15.8
32.5	102	9	89	8	-860	15.8
35.0	95	13	87	11	-810	15.2
37.5	92	12	85	12	-740	15.2
40.0	101	25	91	25	-700	15.2
42.5	100	14	92	13	-650	14.6
45.0	99	12	90	11	-600	14.1
47.5	97	12	87	11	-560	14.3
50.0	87	12	83	10	-520	14.7

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
/ESTHER	610917	6400	811	1648-1712	1	24 / 65	202

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH /NOTH/STM	ANGLE	EYERAD	PRES	MAX WINDS ACTUAL	REL	RADIUS /MAX WD/
/10	300	115	W / 1	285	0	940	88	92	10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	29	-6	45	-11	-2240	19.8
7.5	73	8	73	0	-2110	18.8
10.0	88	18	92	9	-1830	17.8
12.5	82	14	85	5	-1570	17.4
15.0	75	11	77	2	-1400	17.9
17.5	73	12	72	3	-1300	18.0
20.0	66	15	67	5	-1230	17.2
22.5	62	10	66	1	-1140	16.2
25.0	67	7	70	3	-1070	16.3
27.5	78	8	78	2	-1010	16.6
30.0	80	10	78	0	-930	16.2
32.5	77	6	76	-3	-880	15.9
35.0	74	4	74	-5	-780	16.4
37.5	71	4	72	-6	-740	16.9
40.0	65	3	69	-7	-700	16.8
42.5	68	2	67	-7	-670	16.4
45.0	65	2	65	-8	-620	15.8
47.5	66	5	65	-5	-590	15.3
50.0	61	10	64	0	-570	15.3

STORM 9

LEVEL 5

STORM	DATE	ZL/L	PLVL	TIME INTERVAL	I-D	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ESTHER	610917	6400	811	1605-1625	0	24	65	300	10	35	NE	3	35	201	0	940	108	10.0	98
ESTHER	610917	6400	811	1648-1712	1	24	65	300	10	115	W	1	285	202	0	940	80	10.0	92

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	38	-6	44	-5	-2215	19.6	1572
7.5	78	2	74	0	-2065	18.9	6192
10.0	98	9	95	6	-1810	17.8	9704
12.5	92	7	89	3	-1575	17.0	8564
15.0	86	7	81	2	-1420	17.3	7517
17.5	80	11	76	2	-1315	17.7	6536
20.0	76	7	72	1	-1225	17.3	5876
22.5	74	5	72	0	-1135	16.5	5706
25.0	80	5	76	2	-1060	16.3	6662
27.5	84	6	80	2	-1005	16.3	7092
30.0	86	6	81	0	-925	16.0	7432
32.5	89	7	82	2	-870	15.8	8166
35.0	84	8	80	3	-795	15.8	7250
37.5	81	8	78	3	-740	16.0	6752
40.0	83	14	80	9	-700	16.0	7213
42.5	84	8	79	3	-660	15.5	7312
45.0	82	7	77	1	-610	14.9	7013
47.5	81	8	76	3	-575	14.8	6882
50.0	74	11	73	5	-545	15.0	5645

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	51	-3	54	-3	-2164	19.4	3112
7.5	76	2	74	0	-2026	18.7	6300
10.0	91	7	88	4	-1805	17.8	8568
12.5	90	7	86	3	-1593	17.3	8303
15.0	85	8	81	2	-1437	17.4	7468
17.5	80	9	76	2	-1323	17.5	6604
20.0	76	7	73	1	-1227	17.2	6015
22.5	76	5	73	0	-1139	16.6	6022
25.0	80	5	76	2	-1066	16.4	6609
27.5	83	5	79	1	-1000	16.2	7056
30.0	86	6	81	1	-930	16.0	7521
32.5	87	7	81	2	-866	15.9	7776
35.0	84	8	80	2	-799	15.9	7257
37.5	82	9	79	4	-744	16.0	6993
40.0	83	11	79	6	-701	15.9	7182
42.5	83	8	79	3	-657	15.5	7204
45.0	82	7	77	2	-613	15.0	7028
47.5	79	8	75	3	-577	14.9	6609
50.0	75	10	74	4	-555	15.0	5966

STORM 9

LEVEL 6

STORM	DATE	PRES ALT FEET	PRES ALT MB.	TIME INTERVAL	TIME IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN PDR CENT EYERAD	MAX WINDS PRES	MAX WINDS ACTUAL	MAX WINDS REL	RADIUS /MAX WD/

/ESTHER / 610917 / 6400 / 811 / 1914-1937 / 0 / 24 / 65 / 203 /

/10 / 300 / 135 / S / 7 / 195 / 0 / 940 / 95 / 102 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	-5	27	1	-2380	999.0
7.5	71	-2	73	3	-2100	19.2
10.0	95	-21	102	-17	-1960	18.0
12.5	85	-25	99	-22	-1840	17.2
15.0	79	-20	90	-17	-1570	16.6
17.5	71	-17	84	-14	-1430	17.1
20.0	68	-15	79	-12	-1360	17.3
22.5	69	-15	80	-12	-1270	16.9
25.0	72	-16	82	-13	-1210	16.6
27.5	75	-15	82	-11	-1150	16.6
30.0	72	-15	85	-12	-1080	16.6
32.5	82	-19	89	-16	-990	16.2
35.0	77	-23	89	-20	-970	15.9
37.5	74	-19	85	-15	-920	15.8
40.0	70	-19	82	-16	-880	15.7
42.5	72	-15	81	-12	-850	15.4
45.0	74	-15	85	-11	-770	15.0
47.5	76	-16	86	-12	-740	14.5
50.0	74	-16	85	-12	-700	14.2

/ESTHER / 610917 / 6400 / 811 / 1749-1810 / 0 / 24 / 65 / 205 /

/10 / 300 / 355 / N / 2 / 355 / 0 / 940 / 103 / 94 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	45	0	42	-6	-2300	19.4
7.5	90	4	79	-3	-2130	18.9
10.0	103	7	94	1	-1800	17.8
12.5	89	9	85	2	-1500	16.9
15.0	85	11	78	4	-1410	16.6
17.5	81	15	73	8	-1340	16.7
20.0	72	12	70	5	-1290	16.2
22.5	75	14	73	7	-1230	16.3
25.0	89	12	83	5	-1150	16.0
27.5	93	19	87	12	-1080	15.3
30.0	89	19	83	13	-1000	15.2
32.5	86	19	82	13	-950	15.6
35.0	88	16	81	9	-1900	14.0
37.5	85	14	78	7	-840	16.8
40.0	86	16	76	9	-790	17.0
42.5	80	18	75	12	-730	16.5
45.0	78	16	72	9	-690	15.8
47.5	76	15	71	8	-660	15.3
50.0	75	18	76	12	-590	15.0

/ESTHER / 610917 / 6400 / 811 / 1822-1844 / I / 24 / 65 / 204 /

/10 / 300 / 170 / NW / 2 / 330 / 0 / 940 / 108 / 101 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	36	-2	46	-12	-2240	19.6
7.5	93	3	84	-6	-2090	19.4
10.0	108	14	101	6	-1860	18.2
12.5	96	13	93	4	-1630	17.0
15.0	94	11	83	2	-1440	16.8
17.5	80	11	74	2	-1350	16.4
20.0	78	15	72	6	-1260	17.3
22.5	78	14	70	6	-1170	16.6
25.0	91	15	76	6	-1100	16.4
27.5	96	24	82	16	-1030	16.1
30.0	87	30	85	22	-1020	15.3
32.5	87	24	83	16	-890	15.5
35.0	81	22	78	14	-830	15.4
37.5	76	20	74	12	-770	15.4
40.0	75	23	73	15	-730	15.3
42.5	77	29	73	21	-710	15.3
45.0	72	31	74	23	-670	15.2
47.5	92	37	79	29	-610	15.1
50.0	84	31	81	23	-560	15.1

STORM 9

LEVEL 6

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ESTHER	610917	6400	811	1914-1937	0	24	65	300	10	195	S	7	195	203	0	940	95	10.0	102
ESTHER	610917	6400	811	1822-1844	I	24	65	300	10	170	NW	2	330	204	0	940	108	10.0	101
ESTHER	610917	6400	811	1749-1810	0	24	65	300	10	355	N	2	355	205	0	940	103	10.0	94

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	31	-2	35	-4	-2323	19.5	1106
7.5	79	0	77	-0	-2107	19.1	6407
10.0	100	-4	99	-6	-1887	18.0	10106
12.5	88	-5	93	-8	-1687	17.0	7884
15.0	81	-3	84	-6	-1491	16.6	6729
17.5	76	-0	78	-3	-1384	16.8	5817
20.0	71	0	74	-2	-1315	17.0	5123
22.5	72	0	75	-2	-1235	16.6	5324
25.0	79	-0	80	-3	-1166	16.4	6345
27.5	83	4	83	2	-1101	16.1	6963
30.0	80	5	84	3	-1041	15.9	6569
32.5	84	2	85	0	-955	15.9	7121
35.0	81	-0	84	-3	-1229	15.8	6636
37.5	77	-0	80	-2	-861	16.0	6089
40.0	76	1	78	-1	-818	16.0	5841
42.5	75	5	77	2	-781	15.7	5729
45.0	74	4	78	2	-722	15.3	5601
47.5	77	5	79	3	-686	14.9	5986
50.0	76	5	81	3	-634	14.6	5873

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	47	-1	49	-3	-2251	19.4	2873
7.5	76	-0	75	-2	-2088	18.8	6448
10.0	91	-3	91	-6	-1887	18.0	8636
12.5	87	-4	90	-7	-1688	17.2	7784
15.0	81	-3	84	-5	-1513	16.8	6765
17.5	76	-1	78	-3	-1399	16.9	5881
20.0	73	-0	75	-2	-1316	16.9	5363
22.5	74	0	77	-2	-1238	16.6	5599
25.0	79	0	80	-1	-1168	16.4	6310
27.5	81	3	83	1	-1103	16.1	6701
30.0	81	4	84	2	-1035	15.9	6740
32.5	82	2	84	-0	-1043	15.9	6905
35.0	80	0	83	-2	-1091	15.9	6566
37.5	78	0	80	-1	-908	16.0	6146
40.0	76	1	78	-0	-831	15.9	5889
42.5	75	4	77	2	-779	15.7	5737
45.0	75	4	78	2	-727	15.3	5731
47.5	76	5	79	3	-683	14.9	5894
50.0	76	5	80	3	-650	14.7	5880

STORM 10

LEVEL 1

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN RDR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/ELLA / 621019 / 3240 / 907 / 1515-1545 / I / 31 / 74 / 339 /

/ 8 / 65 / 180 / NE / 8 / 25 / 30 / 966 / 82 / 88 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	7	999	6	3	999	999.0
7.5	11	999	7	7	-1210	19.5
10.0	14	999	14	12	-1210	20.0
12.5	19	999	26	18	-1210	19.8
15.0	23	999	32	15	-1190	19.5
17.5	29	999	36	12	-1170	19.4
20.0	35	999	42	9	-1150	19.3
22.5	41	999	46	9	-1120	19.0
25.0	51	999	55	4	-1100	18.8
27.5	61	999	66	-1	-1050	18.6
30.0	67	999	70	-4	-1020	18.4
32.5	70	999	74	-6	-990	18.3
35.0	73	999	76	-8	-960	18.2
37.5	73	999	81	-5	-900	18.0
40.0	74	999	74	-6	-900	17.7
42.5	77	999	80	-8	-850	17.4
45.0	79	999	84	-9	-810	17.3
47.5	80	999	86	-11	-790	17.2
50.0	86	999	88	-12	-780	17.1

/ELLA / 621019 / 3240 / 907 / 1657-1722 / I / 31 / 74 / 341 /

/ 8 / 65 / 295 / SE / 2 / 120 / 30 / 966 / 102 / 96 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	30	999	19	-2	-1230	19.4
7.5	35	999	30	0	-1230	19.6
10.0	40	999	34	-3	-1200	19.5
12.5	43	999	35	-2	-1180	19.4
15.0	45	999	38	-3	-1160	19.3
17.5	46	999	39	-3	-1140	19.1
20.0	47	999	40	-4	-1120	18.9
22.5	50	999	45	-6	-1090	18.9
25.0	70	999	64	-2	-1070	18.7
27.5	89	999	96	13	-1050	18.5
30.0	102	999	96	21	-1040	18.2
32.5	98	999	91	22	-1010	17.9
35.0	97	999	95	15	-950	17.8
37.5	96	999	89	13	-890	17.7
40.0	94	999	87	13	-840	17.5
42.5	93	999	90	12	-800	17.3
45.0	90	999	83	10	-770	17.2
47.5	87	999	82	6	-750	17.1
50.0	86	999	81	6	-720	17.0

/ELLA / 621019 / 3240 / 907 / 1157-1237 / O / 31 / 74 / 340 /

/ 8 / 65 / 115 / E / 2 / 115 / 30 / 966 / 77 / 82 / 35.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	15	999	999	-17	999	999.0
7.5	13	999	999	-10	999	999.0
10.0	17	999	999	-8	-1110	18.8
12.5	21	999	999	2	-1100	18.7
15.0	17	999	999	1	-1090	18.7
17.5	21	999	999	1	-1090	18.8
20.0	24	999	999	1	-1080	18.8
22.5	33	999	999	0	-1070	18.6
25.0	41	999	999	0	-1050	18.5
27.5	54	999	999	9	-1030	18.4
30.0	62	999	999	4	-990	18.3
32.5	70	999	999	999	-950	18.1
35.0	77	999	999	999	-930	18.1
37.5	999	999	999	999	-910	18.1
40.0	999	999	999	999	-880	17.9
42.5	999	999	999	999	-830	17.8
45.0	999	999	999	999	-790	17.5
47.5	999	999	999	999	-760	17.1
50.0	999	999	999	999	-730	16.8

/ELLA / 621019 / 3240 / 907 / 1837-1901 / I / 31 / 74 / 342 /

/ 8 / 65 / 24 / SE / 3 / 130 / 30 / 966 / 83 / 82 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	2	999	999	-10	999	999.0
7.5	4	999	10	-8	-1340	19.1
10.0	10	999	9	-5	-1350	19.3
12.5	20	999	15	-5	-1360	19.2
15.0	34	999	36	-1	-1330	19.2
17.5	45	999	39	2	-1300	19.1
20.0	52	999	48	1	-1250	19.1
22.5	58	999	56	2	-1220	19.3
25.0	62	999	59	1	-1200	19.5
27.5	65	999	61	-2	-1160	19.5
30.0	67	999	64	-3	-1130	19.0
32.5	69	999	67	1	-1100	18.7
35.0	75	999	66	-5	-1060	18.5
37.5	82	999	81	-5	-1010	19.3
40.0	83	999	82	-3	-950	18.0
42.5	80	999	81	-4	-910	18.2
45.0	78	999	77	-3	-880	19.1
47.5	74	999	74	-3	-860	19.0
50.0	71	999	70	-2	-830	18.3

STORM 10

LEVEL 1

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN PDR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/ELLA / 621019 / 3240 / 907 / 1558-1625 / 0 / 31 / 74 / 343 /

/ 8 / 65 / 187 / S / 4 / 187 / 30 / 966 / 82 / 74 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	29	999	28	-17	-1130	20.2
7.5	33	999	30	-19	-1170	19.5
10.0	36	999	35	-20	-1160	19.0
12.5	39	999	37	-19	-1150	18.8
15.0	42	999	38	-21	-1130	19.0
17.5	42	999	38	-15	-1110	19.0
20.0	42	999	36	-15	-1100	18.9
22.5	37	999	40	-9	-1080	18.8
25.0	61	999	52	-4	-1050	18.7
27.5	75	999	73	-1	-1030	18.6
30.0	92	999	74	12	-980	18.4
32.5	91	999	73	13	-930	18.1
35.0	79	999	73	10	-890	18.0
37.5	76	999	70	6	-860	18.1
40.0	75	999	69	11	-830	18.1
42.5	74	999	68	10	-790	18.0
45.0	72	999	66	18	-760	17.9
47.5	70	999	64	14	-760	17.8
50.0	68	999	63	10	-730	17.7

/ELLA / 621019 / 3240 / 907 / 1902-1926 / 0 / 31 / 74 / 345 /

/ 8 / 65 / 260 / W / 5 / 260 / 30 / 966 / 67 / 74 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	8	999	999	999	999	999.0
7.5	12	999	14	-6	-1230	19.0
10.0	15	999	18	-3	-1230	18.9
12.5	20	999	29	2	-1210	19.0
15.0	23	999	31	6	-1200	19.0
17.5	26	999	31	3	-1190	19.0
20.0	33	999	40	2	-1170	19.2
22.5	40	999	46	2	-1150	19.2
25.0	56	999	56	-1	-110	18.7
27.5	63	999	66	-3	-1060	18.7
30.0	67	999	74	1	-1020	17.9
32.5	66	999	71	1	-970	18.0
35.0	63	999	67	4	-930	18.1
37.5	60	999	65	2	-890	18.1
40.0	58	999	63	2	-870	18.2
42.5	53	999	59	-2	-840	18.1
45.0	50	999	58	-3	-800	17.9
47.5	50	999	54	-3	-780	17.6
50.0	50	999	57	-6	-760	17.4

/ELLA / 621019 / 3240 / 907 / 1128-1157 / 1 / 31 / 74 / 344 /

/ 8 / 65 / 28 / SW / 5 / 225 / 30 / 966 / 80 / 78 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	14	999	5	-12	-1140	19.4
7.5	14	999	10	-9	-1140	19.2
10.0	13	999	12	-11	-1160	19.1
12.5	14	999	12	-10	-1170	19.1
15.0	16	999	16	-10	-1170	19.0
17.5	23	999	24	-7	-1170	19.0
20.0	33	999	32	-7	-1160	19.3
22.5	41	999	35	-2	-1150	19.6
25.0	58	999	55	-2	-1120	19.3
27.5	70	999	66	4	-1090	19.0
30.0	76	999	75	8	-1050	18.7
32.5	90	999	78	11	-1010	18.4
35.0	76	999	73	9	-960	18.1
37.5	69	999	65	9	-870	18.0
40.0	67	999	61	10	-830	18.1
42.5	67	999	60	9	-810	18.0
45.0	67	999	60	9	-810	18.0
47.5	66	999	60	9	-770	17.9
50.0	50	999	59	12	-740	17.8

/ELLA / 621019 / 3240 / 907 / 1722-1749 / 0 / 31 / 74 / 346 /

/ 8 / 65 / 305 / NW / 6 / 305 / 30 / 966 / 72 / 72 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	999	11	-2	-1300	19.0
7.5	18	999	13	1	-1310	19.1
10.0	12	999	8	2	-1320	19.9
12.5	6	999	5	0	-1330	20.9
15.0	10	999	6	8	-1340	21.5
17.5	20	999	20	8	-1340	21.2
20.0	30	999	33	12	-1330	20.7
22.5	40	999	48	5	-1300	19.6
25.0	51	999	53	-5	-1250	18.5
27.5	60	999	68	-11	-1180	18.2
30.0	72	999	72	-10	-1130	18.0
32.5	60	999	68	-10	-1090	17.8
35.0	57	999	68	-13	-1030	17.6
37.5	54	999	65	-14	-990	17.6
40.0	50	999	59	-12	-960	17.6
42.5	47	999	59	-13	-920	17.5
45.0	46	999	54	-14	-900	17.6
47.5	46	999	55	-15	-860	17.7
50.0	46	999	55	-16	-840	17.7

STORM 10

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ELLA	621019	3240	907	1515-1545	I	31	74	65	8	180	NE	8	25	339	30	966	82	50.0	88
ELLA	621019	3240	907	1157-1237	0	31	74	65	8	115	E	2	115	340	30	966	77	35.0	82
ELLA	621019	3240	907	1657-1722	I	31	74	65	8	295	SE	2	120	341	30	966	102	30.0	96
ELLA	621019	3240	907	1837-1901	I	31	74	65	8	24	SE	3	130	342	30	966	93	40.0	82
ELLA	621019	3240	907	1558-1625	0	31	74	65	8	187	S	4	187	343	30	966	82	30.0	74
ELLA	621019	3240	907	1128-1157	I	31	74	65	8	29	SW	5	225	344	30	966	80	32.5	79
ELLA	621019	3240	907	1902-1926	0	31	74	65	8	260	W	5	260	345	30	966	67	30.0	74
ELLA	621019	3240	907	1722-1749	0	31	74	65	8	305	NW	6	305	346	30	966	72	30.0	72

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	14	999	13	-7	-1234	19.4	267
7.5	15	999	15	-4	-1232	19.3	313
10.0	17	999	18	-2	-1219	19.4	365
12.5	19	999	23	0	-1217	19.5	490
15.0	23	999	27	1	-1206	19.5	647
17.5	28	999	32	2	-1194	19.5	920
20.0	35	999	38	1	-1177	19.4	1283
22.5	40	999	45	1	-1154	19.1	1712
25.0	53	999	56	-0	-1013	18.8	2927
27.5	63	999	69	-0	-1082	18.6	4126
30.0	70	999	75	0	-1043	18.3	5073
32.5	70	999	74	1	-1004	18.2	5070
35.0	71	999	74	0	-964	18.1	5174
37.5	72	999	74	-0	-917	18.0	5416
40.0	71	999	70	0	-891	17.9	5265
42.5	70	999	71	-0	-850	17.8	5171
45.0	69	999	70	-0	-820	17.7	5048
47.5	68	999	69	-2	-796	17.6	4902
50.0	67	999	69	-3	-774	17.5	4854

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	14	999	14	-6	-1234	19.4	283
7.5	15	999	15	-4	-1232	19.4	318
10.0	17	999	18	-2	-1218	19.4	384
12.5	20	999	23	0	-1215	19.5	503
15.0	23	999	27	1	-1205	19.5	679
17.5	29	999	32	1	-1193	19.5	950
20.0	35	999	38	1	-1175	19.3	1307
22.5	42	999	46	1	-1124	19.1	1914
25.0	53	999	57	-0	-1058	18.8	2974
27.5	62	999	67	-0	-1066	18.6	4075
30.0	68	999	73	0	-1039	18.4	4822
32.5	70	999	74	2	-1003	18.2	5034
35.0	70	999	74	0	-962	18.1	5086
37.5	72	999	73	0	-922	18.0	5414
40.0	71	999	71	0	-889	17.9	5279
42.5	70	999	71	-0	-852	17.8	5167
45.0	69	999	70	-0	-822	17.7	5041
47.5	68	999	70	-2	-797	17.6	4925
50.0	67	999	69	-2	-782	17.5	4877

STORM 10

LEVEL 2

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN RDR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/ELLA / 621019 / 13800 / 618 / 1210-1240 / 0 / 31 / 74 / 347 /

/ 9 / 65 / 130 / SE / 2 / 130 / 30 / 966 / 72 / 66 / 45.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	2	-1	-7	-1	-530	6.6
10.0	3	0	-6	-2	-520	6.4
12.5	18	2	9	-1	-520	6.6
15.0	21	6	18	3	-540	6.7
17.5	28	4	22	1	-510	6.0
20.0	29	1	26	-3	-510	5.0
22.5	37	3	23	-1	-460	4.3
25.0	39	2	33	-3	-470	3.6
27.5	42	-1	34	-6	-430	2.9
30.0	44	2	37	-3	-420	2.5
32.5	54	1	43	-4	-410	3.1
35.0	66	7	62	2	-380	3.5
37.5	60	6	57	1	-330	3.7
40.0	66	3	59	-2	-280	3.5
42.5	70	-2	64	-7	-260	2.8
45.0	72	-3	66	-9	-250	2.0
47.5	65	0	62	-6	-220	1.6
50.0	63	2	60	-4	-200	1.0

/ELLA / 621019 / 13800 / 618 / 1623-1653 / 0 / 31 / 74 / 349 /

/ 8 / 65 / 220 / SW / 4 / 220 / 30 / 966 / 89 / 81 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	999	999	999	999	999.0
17.5	999	999	999	999	999	999.0
20.0	999	-13	999	-5	999	3.3
22.5	20	-15	22	-7	-570	5.7
25.0	33	-13	27	-6	-530	5.4
27.5	36	-16	33	-8	-520	5.3
30.0	41	-14	36	-6	-490	4.8
32.5	44	-14	40	-6	-490	4.2
35.0	74	-9	57	-2	-450	4.3
37.5	86	-19	77	-11	-430	2.0
40.0	89	-25	81	-18	-380	1.1
42.5	86	-27	81	-20	-360	1.4
45.0	84	-25	76	-18	-310	1.3
47.5	94	-22	74	-15	-290	1.3
50.0	78	-20	70	-13	-270	1.2

/ELLA / 621019 / 13800 / 618 / 1723-1749 / 1 / 31 / 74 / 348 /

/ 9 / 65 / 120 / SE / 3 / 150 / 30 / 966 / 83 / 74 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	15	-11	7	-5	-640	6.8
10.0	16	-11	8	-7	-620	7.2
12.5	21	-15	15	-12	-610	6.7
15.0	29	-14	17	-12	-610	5.8
17.5	28	-10	20	-9	-610	5.3
20.0	33	-11	25	-9	-600	4.9
22.5	36	-12	28	-11	-600	4.5
25.0	39	-9	29	-7	-580	4.0
27.5	41	-10	30	-9	-580	3.0
30.0	41	-7	36	-7	-550	2.8
32.5	43	-2	35	-2	-480	3.4
35.0	60	-13	63	-13	-470	3.5
37.5	77	-18	63	-18	-470	2.9
40.0	93	-19	74	-19	-440	2.0
42.5	93	-19	72	-20	-380	1.5
45.0	91	-14	69	-16	-350	1.1
47.5	76	-10	68	-11	-330	.7
50.0	75	-17	63	-18	-290	.3

/ELLA / 621019 / 13800 / 618 / 1853-1931 / 1 / 31 / 74 / 350 /

/ 8 / 65 / 50 / SW / 4 / 220 / 30 / 966 / 69 / 65 / 42.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	3	-4	12	-2	-670	7.5
7.5	10	-8	12	-1	-660	8.1
10.0	15	-8	15	0	-640	8.0
12.5	17	-9	16	1	-640	8.2
15.0	18	-6	18	3	-640	8.5
17.5	18	-7	18	2	-630	8.6
20.0	26	-8	25	1	-620	8.1
22.5	29	-9	28	0	-620	7.4
25.0	26	-8	27	1	-600	6.5
27.5	33	-9	33	-1	-600	6.0
30.0	42	-8	39	0	-580	5.6
32.5	50	-13	49	-4	-590	5.3
35.0	60	-8	52	0	-550	3.8
37.5	63	-9	62	-1	-500	3.7
40.0	63	-7	63	1	-490	4.5
42.5	68	-9	65	-1	-420	4.2
45.0	64	-13	61	-5	-390	3.3
47.5	66	-10	65	-2	-380	3.1
50.0	67	-10	65	-2	-330	3.1

STORM 10

LEVEL 2

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE	IN PCR CENT /EYERAD/	MAX WINDS PRES/ACTUAL	/REL /MAX WD/ RADIUS

/ELLA / 621019 / 13800 / 618 / 1138-1210 / I / 31 / 74 / 351 //ELLA / 621019 / 13800 / 618 / 1750-1823 / O / 31 / 74 / 353 /

/ 9 / 65 / 82 / SW / 5 / 240 / 30 / 966 / 64 / 62 / 50.0 / 8 / 65 / 305 / W / 6 / 270 / 30 / 966 / 54 / 59 / 45.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0	5.0	999	999	999	999	-650	999.0
7.5	999	999	999	999	999	6.7	7.5	999	999	999	999	-660	8.0
10.0	999	999	999	999	-520	6.8	10.0	5	-3	10	1	-640	8.5
12.5	999	999	999	999	-520	6.4	12.5	7	-4	12	2	-660	9.0
15.0	999	999	999	999	-490	5.5	15.0	5	-2	11	3	-660	9.3
17.5	999	999	999	999	-510	3.8	17.5	5	-7	9	2	-640	9.4
20.0	999	999	999	999	-480	3.7	20.0	5	-5	10	-1	-660	9.3
22.5	999	999	999	999	-460	3.1	22.5	15	-3	21	0	-660	9.2
25.0	999	999	999	999	-430	2.4	25.0	26	0	31	3	-630	8.9
27.5	999	999	999	999	-390	1.8	27.5	33	-2	40	5	-620	8.7
30.0	999	999	999	999	-380	1.4	30.0	37	1	47	3	-600	7.6
32.5	999	999	999	999	-340	1.7	32.5	44	-1	54	1	-590	6.3
35.0	60	-9	60	0	-310	1.8	35.0	49	-4	53	2	-550	5.3
37.5	55	-14	59	-5	-300	2.0	37.5	50	-9	55	-7	-520	4.2
40.0	63	-12	60	-3	-300	2.3	40.0	46	-12	50	-10	-490	3.7
42.5	60	-12	59	-3	-280	2.6	42.5	49	-9	54	-6	-450	3.6
45.0	59	-10	59	-1	-260	3.2	45.0	54	-10	59	-8	-430	2.3
47.5	61	-10	59	-1	-240	3.5	47.5	54	-10	59	-7	-370	2.1
50.0	64	-10	62	-1	-210	3.8	50.0	49	-9	56	-6	-370	2.2

/ELLA / 621019 / 13900 / 618 / 1931-1957 / O / 31 / 74 / 352 //ELLA / 621019 / 13800 / 618 / 1600-1622 / I / 31 / 74 / 354 /

/ 9 / 65 / 270 / SW / 5 / 240 / 30 / 966 / 71 / 74 / 42.5 / 8 / 65 / 22 / NW / 7 / 330 / 30 / 966 / 54 / 58 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	12	-4	10	-2	-670	7.7	5.0	999	999	999	999	999	999.0
7.5	11	-3	20	0	-680	6.9	7.5	999	999	999	999	999	999.0
10.0	18	3	24	0	-660	7.0	10.0	999	999	999	999	999	999.0
12.5	22	5	29	2	-640	7.2	12.5	999	999	999	999	999	999.0
15.0	18	5	25	4	-620	7.0	15.0	999	999	999	999	999	999.0
17.5	19	0	28	2	-620	6.9	17.5	999	999	999	999	999	999.0
20.0	20	-3	28	0	-600	7.1	20.0	999	999	999	999	999	4.1
22.5	25	-2	27	2	-600	6.7	22.5	22	-16	23	-7	-590	3.9
25.0	26	-5	31	0	-570	7.0	25.0	30	-14	32	-6	-510	4.2
27.5	24	-6	30	0	-590	6.8	27.5	37	-16	40	-8	-480	2.5
30.0	24	-5	32	1	-590	6.4	30.0	38	-13	47	-6	-430	2.1
32.5	33	-9	43	-3	-550	6.3	32.5	36	-13	44	-6	-390	2.5
35.0	55	-4	69	2	-580	4.9	35.0	52	-9	56	-1	-360	2.5
37.5	63	-6	69	0	-520	3.9	37.5	54	-19	58	-11	-320	2.9
40.0	67	-8	71	-1	-460	4.0	40.0	49	-25	53	-18	-280	2.5
42.5	71	-7	74	1	-450	3.1	42.5	49	-27	56	-20	-270	2.0
45.0	69	-5	74	3	-400	3.0	45.0	46	-26	53	-18	-270	1.5
47.5	66	-6	72	2	-350	3.0	47.5	44	-22	53	-15	-240	1.4
50.0	67	-4	68	3	-340	3.2	50.0	47	-20	54	-13	-200	1.5

STORM 10

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ELLA	621019	13900	618	1210-1240	O	31	74	65	8	130	SE	2	130	347	30	966	72	45.0	66
ELLA	621019	13900	618	1723-1749	I	31	74	65	8	120	SE	3	150	348	30	966	83	40.0	74
ELLA	621019	13900	618	1623-1653	O	31	74	65	8	220	SW	4	220	349	30	966	89	40.0	81
ELLA	621019	13900	618	1853-1931	I	31	74	65	8	50	SW	4	220	350	30	966	68	42.5	65
ELLA	621019	13900	618	1138-1210	I	31	74	65	8	82	SW	5	240	351	30	966	64	50.0	62
ELLA	621019	13900	618	1931-1957	O	31	74	65	8	270	SW	5	240	352	30	966	71	42.5	74
ELLA	621019	13900	618	1750-1823	O	31	74	65	8	305	W	6	270	353	30	966	54	45.0	59
ELLA	621019	13900	618	1600-1622	I	31	74	65	8	22	NW	7	330	354	30	966	54	37.5	58

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	7	4	11	-2	-660	7.6	76
7.5	8	-1	7	-1	-615	7.3	87
10.0	7	-3	6	-1	-594	7.5	94
12.5	14	-3	13	-0	-599	7.7	249
15.0	15	-0	15	1	-604	7.7	323
17.5	18	-3	17	0	-587	7.4	433
20.0	20	-4	20	-2	-589	5.2	537
22.5	26	-7	23	-4	-563	5.1	784
25.0	32	-6	30	-3	-528	4.9	1101
27.5	37	-8	35	-5	-506	4.0	1401
30.0	39	-6	40	-3	-479	3.5	1558
32.5	43	-6	44	-3	-450	3.6	1956
35.0	58	-4	58	-1	-424	3.5	3523
37.5	61	-10	60	-7	-389	3.1	3923
40.0	62	-14	60	-11	-349	2.8	4175
42.5	63	-15	63	-13	-324	2.4	4277
45.0	63	-15	62	-12	-307	1.8	4222
47.5	60	-12	61	-9	-275	1.6	3826
50.0	59	-11	59	-9	-249	1.5	3697

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	8	-3	12	-1	-660	7.6	87
7.5	8	-1	7	-1	-610	7.4	111
10.0	9	-3	7	-1	-599	7.5	126
12.5	13	-2	12	-0	-600	7.6	237
15.0	15	-1	15	0	-599	7.6	329
17.5	18	-3	17	-0	-590	7.3	433
20.0	21	-4	20	-2	-585	5.3	586
22.5	27	-7	25	-4	-554	5.1	837
25.0	32	-7	30	-4	-529	4.7	1110
27.5	36	-7	35	-4	-505	4.0	1368
30.0	39	-6	40	-3	-478	3.7	1610
32.5	46	-6	46	-3	-450	3.6	2257
35.0	56	-6	56	-3	-422	3.4	3319
37.5	60	-10	59	-7	-387	3.1	3822
40.0	62	-13	61	-10	-352	2.8	4088
42.5	63	-15	62	-12	-327	2.4	4216
45.0	62	-14	62	-11	-304	1.9	4121
47.5	60	-12	61	-10	-276	1.6	3865
50.0	60	-11	60	-9	-258	1.5	3746

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PDR CENT PRES/ACTUAL/REL / MAX WINDS MAX WD/ RADIUS

STORM 11

LEVEL 1

/BEULAH / 630823 / 6400 / 811 / 2045-2105 / I / 21 / 59 / 420 /

/ 8 / 340 / 210 / NE / 2 / 25 / 1408 / 962 / 72 / 76 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	15	999	19	999	-910	18.2
7.5	27	999	31	999	-890	17.9
10.0	44	999	48	999	-820	16.9
12.5	58	999	62	999	-740	16.4
15.0	67	999	71	999	-660	15.5
17.5	72	999	76	999	-590	14.9
20.0	72	999	76	999	-540	14.7
22.5	71	999	75	999	-460	14.6
25.0	69	999	72	999	-410	14.2
27.5	66	999	70	999	-350	14.0
30.0	65	999	69	999	-310	13.5
32.5	64	999	70	999	-280	13.4
35.0	64	999	68	999	-240	13.1
37.5	62	999	66	999	-220	13.0
40.0	60	999	64	999	-190	12.6
42.5	58	999	62	999	-170	12.6
45.0	56	999	59	999	-140	12.7
47.5	53	999	57	999	-110	12.9
50.0	51	999	55	999	-90	13.1

/BEULAH / 630823 / 6400 / 811 / 1920-1945 / 0 / 21 / 59 / 422 /

/ 8 / 340 / 100 / E / 4 / 100 / 13 / 962 / 72 / 80 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	16.4
7.5	999	999	999	999	999	16.4
10.0	999	10	999	999	-640	16.1
12.5	999	7	999	999	-650	16.1
15.0	65	-6	73	999	-630	14.8
17.5	65	-4	73	999	-600	14.9
20.0	72	3	80	999	-550	14.4
22.5	71	-11	79	999	-490	14.4
25.0	70	-13	78	999	-450	14.5
27.5	70	-18	78	999	-390	14.8
30.0	70	-9	78	999	-350	14.8
32.5	70	-5	78	999	-310	14.5
35.0	70	-2	78	999	-280	14.0
37.5	69	-9	77	999	-250	13.6
40.0	69	-4	77	999	-220	13.4
42.5	68	-3	76	999	-190	13.0
45.0	66	1	74	999	-170	13.0
47.5	64	2	72	999	-140	12.8
50.0	61	6	69	999	-130	13.1

/BEULAH / 630823 / 6400 / 811 / 2010-2030 / I / 21 / 59 / 424 /

/ 8 / 340 / 170 / NW / 1 / 320 / 13WD / 962 / 61 / 55 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	25	999	20	999	-860	17.4
7.5	30	999	25	999	-820	17.1
10.0	46	999	41	999	-720	16.8
12.5	54	999	49	999	-660	16.4
15.0	57	999	52	999	-590	16.3
17.5	61	999	56	999	-510	15.3
20.0	56	999	51	999	-450	15.1
22.5	55	999	50	999	-390	14.3
25.0	54	999	49	999	-330	14.2
27.5	54	999	49	999	-290	14.1
30.0	54	999	49	999	-250	13.8
32.5	52	999	47	999	-220	13.2
35.0	53	999	48	999	-200	12.7
37.5	54	999	49	999	-180	12.5
40.0	56	999	51	999	-150	12.8
42.5	57	999	52	999	-140	13.1
45.0	57	999	52	999	-130	12.8
47.5	55	999	50	999	-130	12.8
50.0	52	999	47	999	-120	12.6

/BEULAH / 630823 / 6400 / 811 / 2030-2045 / 0 / 21 / 59 / 421 /

/ 8 / 340 / 35 / NE / 2 / 35 / 13WD / 962 / 82 / 84 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	17	999	21	999	-900	17.4
7.5	29	999	33	999	-880	17.1
10.0	42	999	46	999	-870	16.8
12.5	63	999	67	999	-800	16.4
15.0	71	999	75	999	-740	16.3
17.5	82	999	86	999	-620	15.3
20.0	90	999	94	999	-540	15.1
22.5	78	999	82	999	-470	14.3
25.0	78	999	82	999	-410	14.2
27.5	76	999	80	999	-370	14.1
30.0	74	999	78	999	-320	13.8
32.5	71	999	75	999	-280	13.2
35.0	70	999	74	999	-240	12.7
37.5	68	999	72	999	-210	12.5
40.0	66	999	70	999	-190	12.8
42.5	63	999	67	999	-180	13.1
45.0	62	999	66	999	-170	12.8
47.5	63	999	67	999	-140	12.8
50.0	64	999	68	999	-120	12.6

/BEULAH / 630823 / 6400 / 811 / 2105-2130 / 0 / 21 / 59 / 423 /

/ 8 / 340 / 250 / W / 7 / 250 / 14 / 962 / 59 / 52 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	999	9	999	-910	19.4
7.5	26	999	19	999	-880	19.5
10.0	37	999	30	999	-840	19.6
12.5	43	999	36	999	-740	19.6
15.0	47	999	40	999	-670	18.8
17.5	58	999	51	999	-570	18.2
20.0	59	999	52	999	-490	17.5
22.5	57	999	50	999	-440	16.5
25.0	54	999	47	999	-410	15.8
27.5	52	999	45	999	-370	15.1
30.0	51	999	44	999	-340	14.7
32.5	48	999	41	999	-300	14.4
35.0	47	999	40	999	-270	14.2
37.5	46	999	39	999	-230	14.0
40.0	44	999	37	999	-210	13.8
42.5	999	999	999	999	-190	13.7
45.0	999	999	999	999	-170	13.6
47.5	999	999	999	999	-150	13.8
50.0	999	999	999	999	-140	14.0

STORM 11

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BEULAH	630923	6400	811	2045-2105	I	21	59	340	8	210	NE	2	25	420	1409	962	72	17.5	76
BEULAH	630923	6400	811	2030-2045	O	21	59	340	8	35	NE	2	35	421	13WD	962	82	17.5	84
BEULAH	630923	6400	811	1920-1945	O	21	59	340	8	100	E	4	100	422	13	962	72	20.0	80
BEULAH	630923	6400	811	2105-2130	O	21	59	340	8	250	W	7	250	423	14	962	59	20.0	52
BEULAH	630923	6400	811	2010-2030	I	21	59	340	8	170	NW	1	320	424	13WD	962	61	17.5	55

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	17	999	15	999	-897	17.8	332
7.5	27	999	25	999	-869	17.7	775
10.0	40	10	38	999	-758	17.5	1691
12.5	52	7	50	999	-704	17.3	2869
15.0	58	-6	58	999	-649	16.5	3538
17.5	64	-4	64	999	-574	16.0	4227
20.0	65	3	66	999	-510	15.6	4406
22.5	64	-11	64	999	-450	15.0	4224
25.0	62	-13	62	999	-406	14.8	4016
27.5	61	-18	61	999	-358	14.6	3891
30.0	61	-9	61	999	-320	14.3	3815
32.5	59	-5	59	999	-283	14.0	3653
35.0	59	-2	59	999	-253	13.6	3601
37.5	58	-9	58	999	-223	13.3	3497
40.0	57	-4	57	999	-197	13.3	3429
42.5	62	-3	64	999	-177	13.2	3880
45.0	60	1	62	999	-159	13.1	3725
47.5	59	2	61	999	-138	13.1	3524
50.0	56	6	58	999	-125	13.2	3240

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	21	999	19	999	-888	17.8	479
7.5	29	999	27	999	-863	17.7	930
10.0	41	9	39	999	-753	17.5	1795
12.5	51	4	49	999	-702	17.1	2765
15.0	59	-2	59	999	-644	16.6	3595
17.5	63	-1	63	999	-576	16.0	4114
20.0	64	-1	65	999	-512	15.6	4287
22.5	64	-9	64	999	-455	15.1	4188
25.0	62	-13	62	999	-406	14.8	4028
27.5	61	-14	61	999	-361	14.6	3906
30.0	60	-9	61	999	-321	14.3	3797
32.5	59	-5	59	999	-285	14.0	3676
35.0	59	-4	59	999	-254	13.6	3594
37.5	58	-6	58	999	-224	13.4	3504
40.0	57	-4	57	999	-199	13.3	3431
42.5	61	-2	63	999	-178	13.2	3854
45.0	60	0	62	999	-158	13.1	3707
47.5	58	2	60	999	-140	13.1	3499
50.0	57	4	59	999	-130	13.2	3327

STORM 11

LEVEL 2

STORM	DATE	PRES ALT FEET	MB.	TIME IN INTERVAL	/OUT/	LAT/LONG/	ID

STORM SPD/	TRUE DIR /	OCTANT HDG /NOTH/	AZMTH STM/	IN PER CENT ANGLE/	MAX WINDS EYERAD/	PRES/	RADIUS ACTUAL/	REL /MAX WD/

/BEULAH / 630824 / 6400 / 811 / 1426-1448 / I / 24 / 59 / 443 /

/ 7 / 350 / 190 / N / 1 / 12 / 13 A / 961 / 93 / 92 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	-11	0	-14	-990	17.1
7.5	18	-14	10	-17	-970	17.0
10.0	30	-16	21	-20	-900	16.7
12.5	42	-10	42	-13	-820	16.5
15.0	49	-11	41	-15	-800	16.4
17.5	64	2	70	-1	-730	16.1
20.0	85	-2	75	-10	-650	15.8
22.5	88	-2	86	-4	-590	15.5
25.0	90	1	89	-4	-530	14.7
27.5	93	8	92	1	-480	14.2
30.0	92	15	91	11	-430	13.8
32.5	90	14	87	10	-390	13.7
35.0	89	15	81	10	-360	14.0
37.5	86	15	82	13	-330	14.2
40.0	84	18	82	14	-280	14.2
42.5	83	9	81	4	-240	13.8
45.0	82	9	79	4	-200	13.6
47.5	85	11	86	3	-180	13.3
50.0	87	13	85	8	-170	13.2

/BEULAH / 630824 / 6400 / 811 / 1517-1538 / I / 24 / 59 / 444 /

/ 7 / 350 / 230 / NE / 2 / 52 / 13 A / 961 / 95 / 92 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	19	-9	16	-6	-1010	16.7
7.5	28	-1	23	2	-1010	17.3
10.0	24	12	19	13	-1000	17.4
12.5	37	8	27	9	-960	17.0
15.0	56	-5	49	-7	-910	16.6
17.5	74	-1	67	-1	-830	16.4
20.0	84	1	76	4	-740	16.2
22.5	95	2	92	0	-660	15.9
25.0	95	12	90	11	-580	15.6
27.5	93	2	88	0	-510	15.2
30.0	92	1	88	-2	-450	14.6
32.5	90	0	88	-8	-370	13.9
35.0	89	0	85	-1	-300	13.4
37.5	85	1	81	1	-260	13.2
40.0	79	6	77	4	-220	13.6
42.5	74	6	71	5	-200	14.0
45.0	77	-2	69	-4	-170	13.9
47.5	82	0	78	-2	-150	13.7
50.0	82	0	74	-2	-120	999.0

/BEULAH / 630824 / 6400 / 811 / 1700-1720 / I / 24 / 59 / 450 /

/ 7 / 350 / 200 / NE / 2 / 30 / 13 A / 961 / 88 / 84 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	11	15	14	-960	17.6
7.5	17	-3	12	-4	-930	17.4
10.0	36	-5	27	-7	-890	16.9
12.5	50	-6	24	-9	-850	16.8
15.0	67	-9	46	-14	-800	16.8
17.5	84	0	62	-2	-740	16.6
20.0	88	-4	84	-7	-650	16.0
22.5	88	-6	84	-9	-620	15.8
25.0	85	-6	81	-18	-560	15.4
27.5	85	-11	76	-5	-480	14.8
30.0	84	1	80	-4	-420	14.1
32.5	78	-3	79	-2	-350	14.2
35.0	74	-2	79	-5	-330	13.8
37.5	76	-5	77	-8	-270	13.4
40.0	78	-2	77	-6	-250	13.2
42.5	75	2	74	-3	-200	13.3
45.0	73	2	74	-3	-180	13.4
47.5	72	2	70	-1	-140	13.4
50.0	69	1	66	-4	-100	13.0

/BEULAH / 630824 / 6400 / 811 / 1345-1408 / O / 24 / 59 / 445 /

/ 7 / 350 / 85 / E / 3 / 85 / 1307 / 961 / 100 / 96 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	2	4	2	-1090	17.0
7.5	22	-10	11	-10	-1080	17.3
10.0	39	-5	36	-5	-1070	17.2
12.5	56	-8	53	-7	-1050	15.9
15.0	67	-2	62	-2	-990	16.4
17.5	78	6	72	5	-900	16.2
20.0	88	20	82	20	-810	15.9
22.5	97	11	92	12	-720	15.7
25.0	100	-6	96	-6	-650	15.5
27.5	99	-13	96	-14	-570	14.6
30.0	95	-16	86	-14	-490	13.4
32.5	91	-15	85	-16	-410	13.4
35.0	87	-15	80	-14	-340	13.6
37.5	83	-11	74	-10	-300	14.1
40.0	80	-10	73	-8	-300	14.3
42.5	79	-8	70	-11	-290	14.3
45.0	77	-8	72	-7	-240	14.0
47.5	75	-9	71	-10	-160	13.6
50.0	75	-17	71	-16	-130	13.3

STORM 11

LEVEL 2

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN PDR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/BEULAH / 630824 / 6400 / 811 / 1615-1640 / O / 24 / 59 / 451

/ 7 / 350 / 94 / E / 3 / 94 / 13 A / 961 / 91 / 87 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	15	16	4	18	-970	18.2
7.5	27	15	21	16	-960	18.0
10.0	33	13	39	14	-950	17.6
12.5	54	8	46	8	-900	16.1
15.0	64	0	51	0	-840	16.9
17.5	76	1	67	1	-770	16.5
20.0	84	7	81	10	-710	16.0
22.5	91	5	87	7	-640	15.4
25.0	91	4	87	5	-550	14.9
27.5	88	-4	81	-6	-490	14.3
30.0	87	-8	79	-7	-440	14.2
32.5	86	-10	82	-9	-390	14.3
35.0	84	-9	82	-7	-250	14.3
37.5	82	-8	75	-8	-230	14.3
40.0	77	-7	73	-6	-290	14.1
42.5	76	-24	70	-23	-260	13.7
45.0	75	-20	70	-18	-220	13.4
47.5	73	-19	68	-18	-180	13.3
50.0	72	-18	63	-16	-150	13.4

/BEULAH / 630824 / 6400 / 811 / 1600-1610 / I / 24 / 59 / 447

/ 7 / 350 / 0 / S / 5 / 180 / 13 A / 961 / 74 / 73 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	39	5	34	9	-990	20.1
7.5	45	10	50	14	-1000	20.1
10.0	48	-5	48	-1	-930	19.8
12.5	49	-3	40	3	-840	19.5
15.0	55	-10	54	-5	-760	18.8
17.5	64	-8	67	-2	-700	18.2
20.0	74	-8	73	-4	-640	17.6
22.5	72	-8	73	-2	-520	17.3
25.0	73	-8	72	-3	-510	17.2
27.5	72	-13	70	-8	-480	16.6
30.0	67	-24	67	-19	-440	17.0
32.5	63	-19	64	-14	-390	17.2
35.0	999	999	999	999	999	999.0
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/BEULAH / 630824 / 6400 / 811 / 1538-1553 / O / 24 / 59 / 448

/ 7 / 350 / 215 / SW / 6 / 215 / 13 A / 961 / 70 / 76 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	-3	17	3	-980	21.4
7.5	31	5	37	9	-950	23.0
10.0	49	7	56	11	-970	24.2
12.5	58	9	65	13	-900	23.7
15.0	62	4	67	7	-830	22.4
17.5	64	10	68	13	-760	21.4
20.0	70	-2	76	1	-710	20.6
22.5	70	-6	76	-3	-630	19.4
25.0	68	-9	69	-7	-550	18.5
27.5	65	-10	66	-9	-490	17.8
30.0	62	-11	66	-8	-450	17.5
32.5	60	-10	63	-8	-400	17.0
35.0	58	-9	59	-7	-350	16.4
37.5	55	-6	60	-3	-320	15.8
40.0	50	-4	55	-2	-290	15.3
42.5	47	-5	48	-3	-250	14.8
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/BEULAH / 630824 / 6400 / 811 / 1448-1507 / O / 24 / 59 / 446

/ 7 / 350 / 175 / S / 5 / 175 / 13 A / 961 / 94 / 89 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	3	8	4	-1060	18.8
7.5	19	8	13	8	-1030	17.2
10.0	32	7	27	7	-1020	17.8
12.5	47	-3	42	-4	-960	17.8
15.0	61	-5	56	-6	-880	17.5
17.5	75	4	71	2	-780	17.2
20.0	83	3	83	2	-720	16.4
22.5	91	2	86	0	-660	16.1
25.0	94	-4	89	-6	-580	15.4
27.5	92	-8	88	-10	-490	15.2
30.0	89	-3	84	-5	-450	14.8
32.5	92	-6	87	-8	-390	14.7
35.0	87	-8	92	-10	-330	14.4
37.5	84	-4	79	-6	-280	14.0
40.0	80	-8	76	-10	-210	14.3
42.5	75	-5	70	-7	-180	13.9
45.0	80	-2	75	-4	-190	13.4
47.5	95	1	80	-1	-180	13.8
50.0	82	-2	77	-4	-120	11.2

/BEULAH / 630824 / 6400 / 811 / 1720-1740 / O / 24 / 59 / 452

/ 7 / 350 / 200 / S / 6 / 200 / 13 A / 961 / 63 / 65 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	39	23	35	30	-960	18.6
7.5	47	26	42	31	-900	19.5
10.0	50	11	52	15	-810	19.2
12.5	55	1	54	6	-720	20.3
15.0	58	3	62	8	-640	20.5
17.5	61	-4	69	4	-550	19.3
20.0	62	-17	63	-12	-500	17.9
22.5	62	-16	65	-11	-450	16.7
25.0	61	-17	60	-15	-400	15.9
27.5	60	-20	58	-16	-370	15.0
30.0	59	-18	60	-14	-340	15.6
32.5	55	-20	57	-16	-300	16.3
35.0	52	-17	54	-13	-260	16.6
37.5	51	-21	50	-18	-260	16.4
40.0	49	-22	47	-18	-240	16.1
42.5	47	-21	46	-19	-220	15.8
45.0	46	-19	45	-16	-200	15.5
47.5	44	-19	44	-15	-160	15.1
50.0	43	-16	46	-12	-150	14.9

/BEULAH / 630824 / 6400 / 811 / 1321-1345 / I / 24 / 59 / 449

/ 7 / 350 / 90 / W / 7 / 270 / 1307 / 961 / 72 / 78 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	-10	2	-11	-1070	18.4
7.5	11	-6	12	-7	-1050	18.3
10.0	19	-5	24	-6	-1010	17.6
12.5	29	-10	33	-11	-970	18.5
15.0	45	-6	47	-7	-950	19.6
17.5	62	3	74	2	-920	19.3
20.0	72	1	77	0	-870	17.8
22.5	72	-3	77	-4	-790	15.9
25.0	71	9	78	7	-660	15.4
27.5	66	11	75	9	-560	15.1
30.0	62	10	66	10	-470	14.9
32.5	60	11	64	11	-420	14.6
35.0	60	10	65	10	-370	14.4
37.5	57	11	59	8	-340	14.4
40.0	54	13	54	12	-300	14.3
42.5	52	12	55	12	-260	14.1
45.0	52	17	52	16	-220	14.0
47.5	51	17	54	18	-200	14.1
50.0	49	18	51	17	-170	14.2

STORM 11

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BEULAH	630824	6400	811	1426-1448	I	24	59	350	7	190	N	1	12	443	13 A	961	93	27.5	92
BEULAH	630824	6400	811	1700-1720	I	24	59	350	7	200	NE	2	30	450	13 A	961	88	20.0	84
BEULAH	630824	6400	811	1517-1538	I	24	59	350	7	230	NE	2	52	444	13 A	961	95	22.5	92
BEULAH	630924	6400	811	1345-1408	O	24	59	350	7	85	E	3	85	445	1307	961	100	25.0	96
BEULAH	630924	6400	811	1615-1640	O	24	59	350	7	94	E	3	94	451	13 A	961	91	22.5	87
BEULAH	630824	6400	811	1448-1507	O	24	59	350	7	175	S	5	175	446	13 A	961	94	25.0	89
BEULAH	630824	6400	811	1600-1610	I	24	59	350	7	0	S	5	180	447	13 A	961	74	20.0	73
BEULAH	630824	6400	811	1720-1740	O	24	59	350	7	200	S	6	200	452	13 A	961	63	22.5	65
BEULAH	630924	6400	811	1538-1553	O	24	59	350	7	215	SW	6	215	448	13 A	961	70	20.0	76
BEULAH	630924	6400	811	1321-1345	I	24	59	350	7	90	W	7	270	449	1307	961	72	20.0	78

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	14	-0	8	0	-1016	18.3	287
7.5	22	0	18	0	-996	18.3	594
10.0	32	0	31	0	-965	18.2	1190
12.5	44	-2	41	-2	-908	18.1	2089
15.0	56	-4	51	-5	-860	18.2	3206
17.5	68	2	69	2	-793	17.8	4801
20.0	79	0	77	0	-728	17.0	6399
22.5	82	-1	82	-1	-657	16.2	6957
25.0	83	0	82	-1	-574	15.6	7029
27.5	81	-1	80	-3	-503	15.1	6769
30.0	78	-0	77	-0	-444	14.8	6404
32.5	77	-0	76	-1	-390	14.7	6145
35.0	75	-0	74	-1	-331	14.5	5900
37.5	73	0	70	-0	-303	14.4	5533
40.0	69	1	68	1	-268	14.3	5059
42.5	67	-1	65	-2	-235	14.1	4720
45.0	67	-0	64	-1	-204	13.9	4785
47.5	68	0	67	-0	-176	13.9	4940
50.0	67	0	65	-0	-147	13.4	4815

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	17	-0	12	0	-1009	18.3	389
7.5	23	0	20	0	-991	18.3	690
10.0	33	-0	31	-0	-957	18.2	1285
12.5	44	-2	41	-2	-908	18.1	2167
15.0	56	-2	53	-2	-855	18.1	3345
17.5	68	0	67	0	-792	17.7	4836
20.0	77	0	76	-0	-726	17.0	6148
22.5	81	-0	80	-1	-653	16.2	6772
25.0	82	-0	81	-1	-576	15.7	6900
27.5	80	-0	79	-2	-506	15.2	6711
30.0	78	-0	77	-1	-446	14.9	6416
32.5	76	-0	76	-1	-390	14.7	6130
35.0	75	-0	74	-0	-338	14.5	5892
37.5	72	0	71	-0	-303	14.4	5504
40.0	69	0	68	-0	-269	14.3	5086
42.5	68	-0	66	-1	-237	14.1	4830
45.0	68	-0	65	-1	-205	14.0	4836
47.5	68	0	66	-0	-176	13.8	4883
50.0	67	0	65	-0	-157	13.5	4838

STORM 11
LEVEL 3

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG /NOTH/STM/ OCTANT ANGLE/EYERAD/ AZMTH PRES/ACTUAL/REL / IN PDR CENT MAX WINDS /MAX WD/ RADIUS

/BEULAH / 630824 / 18280 / 520 / 1412-1440 / I / 24 / 59 / 453 /
/ 7 / 350 / 193 / N / 1 / 12 / 13 A / 961 / 64 / 62 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	35	21	36	16	140	-1.6
7.5	41	9	42	4	160	-1.5
10.0	49	12	48	7	220	-1.8
12.5	57	11	56	6	390	-1.8
15.0	62	9	61	4	360	-1.9
17.5	56	7	55	2	420	-2.1
20.0	52	3	50	-2	540	-2.1
22.5	56	-5	54	-10	540	-2.3
25.0	44	-7	42	-12	550	-2.7
27.5	36	-1	34	-6	560	-2.6
30.0	28	-5	26	-9	570	-2.3
32.5	36	1	34	-3	600	-2.0
35.0	56	8	54	3	600	-2.0
37.5	64	8	62	3	630	-2.0
40.0	56	19	54	14	640	-2.2
42.5	52	19	50	14	660	-2.5
45.0	52	20	50	15	670	-2.5
47.5	51	23	49	18	680	-2.6
50.0	999	999	999	999	999	999.0

/BEULAH / 630824 / 18280 / 520 / 1735-1755 / I / 24 / 59 / 461 /
/ 7 / 350 / 230 / NE / 3 / 60 / 13 A / 961 / 67 / 67 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	38	-14	25	-13	400	-.3
7.5	44	-10	40	-10	310	-.2
10.0	49	-5	42	-5	330	-.1
12.5	55	2	46	2	380	0.0
15.0	62	6	51	5	440	-.1
17.5	67	7	61	7	520	-.8
20.0	67	-12	56	-13	550	-1.3
22.5	64	-9	53	-13	570	-1.6
25.0	64	-5	62	-7	580	-1.5
27.5	69	6	67	3	580	-1.4
30.0	69	9	63	8	580	-1.5
32.5	67	10	57	9	620	-1.9
35.0	62	10	58	8	640	-2.1
37.5	57	9	49	8	640	-2.3
40.0	55	5	52	3	650	-2.5
42.5	53	11	51	8	680	-2.5
45.0	51	10	45	9	700	-2.5
47.5	52	16	45	14	720	-2.4
50.0	56	13	50	11	999	999.0

/ 630824 / 18280 / 520 / 1700-1720 / I / 24 / 59 / 460 /
/ 7 / 350 / 190 / N / 2 / 15 / 13 A / 961 / 67 / 61 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	38	14	38	9	999	999.0
7.5	48	6	43	2	160	1.6
10.0	55	3	45	-2	190	.3
12.5	59	4	53	-1	230	-1.1
15.0	64	12	49	6	320	-1.4
17.5	67	22	61	18	380	-1.2
20.0	63	14	60	11	420	-.8
22.5	62	17	60	21	450	-.7
25.0	62	25	55	4	480	-.8
27.5	57	9	55	4	490	-1.0
30.0	53	9	45	0	510	-1.2
32.5	52	4	45	0	530	-1.4
35.0	54	17	49	12	550	-1.7
37.5	56	21	53	15	570	-2.1
40.0	54	26	47	21	600	-2.3
42.5	51	17	42	13	610	-2.4
45.0	50	13	49	13	630	-2.4
47.5	999	15	46	16	670	-2.4
50.0	999	16	40	12	690	-2.4

/BEULAH / 630824 / 18280 / 520 / 1720-1735 / O / 24 / 59 / 462 /
/ 7 / 350 / 64 / E / 3 / 66 / 13 A / 961 / 65 / 67 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	32	-30	24	-26	999	999.0
7.5	45	-20	39	-17	140	1.6
10.0	54	-14	48	-13	220	.3
12.5	61	-2	53	0	260	-1.1
15.0	63	0	60	0	260	-1.4
17.5	62	3	55	3	320	-1.2
20.0	61	12	53	13	410	-.8
22.5	61	16	55	2	490	-.7
25.0	61	-10	55	-7	520	-.9
27.5	64	-7	58	-8	580	-1.0
30.0	65	8	67	7	650	-1.2
32.5	61	7	56	8	670	-1.4
35.0	59	4	54	3	680	-1.7
37.5	59	8	54	8	670	-2.1
40.0	57	4	53	3	670	-2.3
42.5	55	4	52	3	690	-2.4
45.0	56	8	46	8	720	-2.4
47.5	55	8	49	6	730	-2.4
50.0	52	11	45	10	740	-2.4

STORM 11

LEVEL 3

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PRP CENT PRES/ACTUAL/REL / MAX WINDS RADIUS /MAX WD/

/BEULAH / 630824 / 18280 / 520 / 1440-1500 / 0 / 24 / 59 / 454 //BEULAH / 630824 / 18280 / 520 / 1640-1355 / 0 / 24 / 59 / 456 /

/ 7 / 350 / 67 / E / 3 / 67 / 13 A / 961 / 77 / 72 / 17.5 / 7 / 350 / 90 / E / 3 / 90 / 13 A / 961 / 70 / 66 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	-26	14	-25	120	3.0	5.0	32	-13	29	-12	90	2.7
7.5	32	-24	19	-25	130	2.9	7.5	40	-13	35	-16	40	1.2
10.0	41	-22	31	-23	160	1.3	10.0	49	-16	46	-16	20	-.3
12.5	53	-6	40	-9	210	0.0	12.5	51	-15	54	-9	50	-.8
15.0	70	2	71	1	260	-1.3	15.0	51	-11	23	-10	160	-1.0
17.5	77	8	72	6	290	-1.7	17.5	55	-5	40	-4	310	-1.2
20.0	77	6	67	4	350	-1.4	20.0	59	0	55	2	390	-1.0
22.5	64	5	63	2	460	-1.0	22.5	64	5	65	6	410	-.8
25.0	57	5	60	0	520	-.9	25.0	67	-9	64	-8	430	-.7
27.5	55	4	57	-1	570	-1.0	27.5	70	-6	66	-4	450	-.8
30.0	58	5	55	4	600	-1.2	30.0	70	-6	60	-4	500	-1.0
32.5	59	1	52	-2	620	-1.6	32.5	70	-13	65	-13	540	-1.3
35.0	59	5	58	5	640	-1.8	35.0	67	-14	65	-13	570	-1.7
37.5	55	6	50	5	670	-2.1	37.5	64	-10	62	-9	600	-2.1
40.0	59	5	51	5	700	-2.2	40.0	62	-10	58	-8	630	-2.1
42.5	57	7	56	7	710	-2.4	42.5	63	-1	61	0	650	-2.1
45.0	54	9	46	8	730	-2.5	45.0	65	4	59	6	660	-2.2
47.5	53	9	46	7	750	-2.7	47.5	64	8	56	9	670	-2.4
50.0	53	12	48	10	770	-3.2	50.0	66	11	59	12	680	-2.5

/BEULAH / 630824 / 18280 / 520 / 1503-1515 / 1 / 24 / 59 / 455 //BEULAH / 630824 / 18280 / 520 / 1625-1640 / 0 / 24 / 59 / 463 /

/ 7 / 350 / 230 / E / 2 / 70 / 13 A / 961 / 75 / 78 / 17.5 / 7 / 350 / 110 / E / 4 / 110 / 13 A / 961 / 68 / 70 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-22	17	-17	100	-2.3	5.0	19	1	12	6	120	3.6
7.5	43	-36	33	-32	110	-2.4	7.5	28	-1	25	6	120	1.9
10.0	54	-20	48	-16	160	-2.0	10.0	40	-10	33	-6	150	-.6
12.5	64	-8	53	-7	240	-1.5	12.5	52	-3	52	-1	190	-1.7
15.0	74	-3	71	-1	330	-1.4	15.0	63	0	62	3	230	-1.8
17.5	75	2	78	1	400	-1.3	17.5	68	0	70	3	260	-1.8
20.0	74	10	74	10	460	-1.1	20.0	68	4	65	7	280	-2.2
22.5	71	6	70	10	510	-1.4	22.5	68	5	69	10	330	-2.9
25.0	60	2	54	3	550	-1.9	25.0	68	5	65	8	420	-3.6
27.5	60	3	51	5	580	-2.1	27.5	68	2	60	2	460	-3.5
30.0	64	7	51	7	620	-2.3	30.0	64	5	60	7	480	-3.4
32.5	65	0	56	0	630	-2.5	32.5	63	-2	44	0	510	-3.1
35.0	69	2	65	2	690	-2.7	35.0	62	3	56	6	520	-2.3
37.5	69	7	57	2	700	-2.8	37.5	61	8	59	4	540	-1.4
40.0	67	2	62	5	700	-3.0	40.0	61	-1	61	2	590	-1.4
42.5	64	7	52	12	710	-3.0	42.5	61	-6	58	-3	640	-2.0
45.0	62	13	52	11	690	-3.0	45.0	60	-5	55	-3	650	-2.4
47.5	59	13	58	13	700	-3.1	47.5	57	-6	55	-3	640	-2.7
50.0	63	14	59	12	940	-3.4	50.0	56	-5	51	-3	650	-2.9

STORM 11

LEVEL 3

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /MOTH/STM/ AZMTH ANGLE/EYERAD/ IN PDR CENT PRES/ACTUAL/REL / MAX WINDS /MAX WD/ RADIUS

/BEULAH / 630824 / 18280 / 520 / 1610-1625 / I / 24 / 59 / 464 /

/ 7 / 350 / 340 / S / 5 / 190 / 13 A / 961 / 57 / 59 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	-7	24	-2	180	4.0
7.5	50	-6	52	-4	190	4.7
10.0	50	3	52	4	190	4.8
12.5	51	-11	52	-7	270	3.8
15.0	52	-12	35	-8	300	2.0
17.5	57	-28	59	-24	320	.2
20.0	56	-33	56	-28	350	-.3
22.5	55	-25	54	-23	400	-.5
25.0	55	-25	57	-23	480	-.8
27.5	45	-26	46	-21	530	-1.2
30.0	50	-30	51	-25	530	-1.6
32.5	53	-31	55	-28	550	-2.2
35.0	48	-27	51	-22	550	-2.9
37.5	49	-30	47	-25	550	-3.3
40.0	43	-27	44	-22	560	-3.4
42.5	43	-24	44	-20	570	-3.5
45.0	42	-19	45	-14	600	-3.7
47.5	43	-19	43	-15	610	-3.4
50.0	37	-27	39	-22	620	-3.0

/BEULAH / 630824 / 18280 / 520 / 1555-1608 / O / 24 / 59 / 458 /

/ 7 / 350 / 210 / SW / 6 / 210 / 13 A / 961 / 61 / 61 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	8	999	999	999	90	999.0
7.5	11	999	2	17	120	4.1
10.0	20	5	7	5	170	5.0
12.5	31	-3	55	-3	150	5.1
15.0	38	5	54	7	270	3.9
17.5	41	3	61	2	270	3.2
20.0	41	1	55	4	310	2.3
22.5	46	-15	43	-11	350	2.0
25.0	54	-10	38	-7	390	3.0
27.5	61	-17	47	-13	340	2.0
30.0	58	-25	46	-21	450	.2
32.5	54	-22	54	-19	480	-.5
35.0	51	-18	46	-14	520	-.2
37.5	45	-10	41	-6	570	.4
40.0	40	-17	41	-13	600	.1
42.5	38	-22	40	-17	630	-.4
45.0	42	-19	37	-15	630	-1.0
47.5	44	-24	44	-19	630	-1.5
50.0	43	-23	40	-16	620	-2.0

/BEULAH / 630824 / 18280 / 520 / 1615-1640 / I / 24 / 59 / 459

/ 7 / 350 / 70 / W / 7 / 255 / 13 A / 961 / 108 / 108 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	16	5	16	50	4.5
7.5	18	10	19	7	50	4.1
10.0	36	-3	38	-4	50	3.4
12.5	57	-7	62	-8	50	2.6
15.0	71	-8	76	-9	70	2.4
17.5	96	-6	96	-9	110	4.6
20.0	108	2	108	-6	150	6.4
22.5	72	8	76	9	230	5.6
25.0	71	6	81	6	280	3.6
27.5	70	10	70	8	300	2.4
30.0	67	10	74	9	320	1.4
32.5	65	2	70	1	370	-.2
35.0	62	4	68	4	440	-.8
37.5	60	9	67	8	470	-1.5
40.0	55	8	65	7	500	-2.8
42.5	52	7	56	5	520	-3.6
45.0	52	11	55	10	540	-4.0
47.5	52	10	55	8	550	-4.2
50.0	52	2	58	4	570	-4.3

/BEULAH / 630824 / 18280 / 520 / 1515-1533 / O / 24 / 59 / 457 /

/ 7 / 350 / 200 / SW / 6 / 200 / 13 A / 961 / 51 / 73 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	12	-7	15	-4	250	3.6
7.5	35	-1	35	1	310	3.4
10.0	37	-10	46	-8	320	3.4
12.5	32	-6	58	-6	310	4.0
15.0	33	7	65	8	400	4.9
17.5	41	-1	73	2	460	5.5
20.0	44	-6	54	-5	570	6.3
22.5	50	-13	49	-11	660	5.3
25.0	51	-5	52	-14	670	5.3
27.5	44	6	55	8	670	4.3
30.0	44	3	46	5	700	3.2
32.5	44	2	44	-1	710	2.5
35.0	43	-5	48	-3	780	2.1
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/BEULAH / 630824 / 18280 / 520 / 1755-1815 / O / 24 / 59 / 465 /

/ 7 / 350 / 230 / SW / 6 / 230 / 13 A / 961 / 63 / 75 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	8	-10	7	-8	160	-1.0
7.5	11	-7	17	-3	180	-1.1
10.0	30	-4	29	-2	210	-1.1
12.5	47	-9	51	-8	250	-.5
15.0	49	-3	73	-1	280	.8
17.5	63	1	75	5	320	3.0
20.0	60	3	64	5	350	4.0
22.5	57	17	63	24	350	3.9
25.0	50	11	44	14	390	3.0
27.5	40	5	44	5	450	2.2
30.0	38	1	39	1	490	1.9
32.5	37	-1	46	0	520	1.6
35.0	42	-3	52	-1	540	.8
37.5	48	-8	54	-5	550	.3
40.0	43	-7	56	-5	570	.1
42.5	47	-3	49	1	590	.1
45.0	44	-8	45	-5	610	0.0
47.5	44	-8	49	-6	640	-.2
50.0	43	-5	50	-3	610	-.5

STORM 11

LEVEL 3

STORM	DATE	TIME (GMT)	ZLVL	PLVL	INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS		CENT. PRES	VATX	RMW	VRTX
BEULAH	630824	18280	520		1412-1440	I	24	59	350	7	193	N	1	12	453	13	A	961	64	37.5	62
BEULAH	630824	18280	520		1700-1720	I	24	59	350	7	190	N	2	15	460	13	A	961	67	17.5	61
BEULAH	630824	18280	520		1735-1755	I	24	59	350	7	230	NE	3	60	461	13	A	961	69	27.5	67
BEULAH	630824	18280	520		1720-1735	O	24	59	350	7	66	E	3	66	462	13	A	961	65	30.0	67
BEULAH	630824	18280	520		1440-1500	O	24	59	350	7	67	E	3	67	454	13	A	961	77	17.5	72
BEULAH	630824	18280	520		1503-1515	I	24	59	350	7	230	E	2	70	455	13	A	961	75	17.5	78
BEULAH	630824	18280	520		1640-1355	O	24	59	350	7	90	E	3	90	456	13	A	961	70	27.5	66
BEULAH	630824	18280	520		1625-1640	O	24	59	350	7	110	E	4	110	463	13	A	961	68	17.5	70
BEULAH	630824	18280	520		1610-1625	I	24	59	350	7	340	S	5	190	464	13	A	961	57	17.5	59
BEULAH	630824	18280	520		1515-1533	O	24	59	350	7	200	SW	6	200	457	13	A	961	51	25.0	73
BEULAH	630824	18280	520		1555-1608	O	24	59	350	7	210	SW	6	210	458	13	A	961	61	27.5	61
BEULAH	630824	18280	520		1755-1815	O	24	59	350	7	230	SW	6	230	465	13	A	961	63	17.5	75
BEULAH	630824	18280	520		1615-1640	I	24	59	350	7	70	W	7	255	459	13	A	961	108	20.0	108

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	22	2	19	3	142	1.7	624
7.5	33	-0	32	0	142	1.7	1276
10.0	43	-1	40	-2	165	1.1	1937
12.5	53	-2	54	-3	221	.6	2862
15.0	60	-0	58	-1	259	.3	3695
17.5	67	-1	68	-2	308	.5	4788
20.0	68	-2	67	-3	362	.8	5154
22.5	62	-0	61	0	402	.5	3920
25.0	59	-1	59	-3	446	-.2	3652
27.5	56	-0	54	-1	469	-.5	3384
30.0	54	-1	52	-1	492	-.9	3168
32.5	55	-4	52	-4	524	-1.3	3173
35.0	56	-0	56	-0	550	-1.5	3294
37.5	57	0	56	-0	564	-1.8	3370
40.0	53	1	54	1	587	-2.2	2947
42.5	51	1	51	1	610	-2.5	2747
45.0	51	2	50	3	626	-2.7	2703
47.5	51	3	50	3	636	-2.8	2652
50.0	51	0	48	0	653	-2.8	2713

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	26	1	24	2	142	1.6	841
7.5	33	-0	32	0	148	1.6	1332
10.0	43	-1	42	-1	175	1.1	2017
12.5	52	-2	52	-2	219	.6	2859
15.0	59	-1	59	-1	261	.4	3759
17.5	65	-1	65	-2	310	.6	4622
20.0	66	-1	65	-2	359	.7	4712
22.5	62	-0	62	-1	402	.4	4051
25.0	59	-1	58	-2	441	-.1	3684
27.5	56	-1	55	-1	468	-.5	3405
30.0	55	-2	53	-2	494	-.9	3229
32.5	55	-2	53	-3	523	-1.3	3217
35.0	56	-0	56	-1	548	-1.5	3291
37.5	56	0	56	-0	564	-1.8	3249
40.0	54	0	54	0	587	-2.2	2972
42.5	52	1	51	1	608	-2.5	2792
45.0	51	2	50	2	624	-2.7	2711
47.5	51	2	50	3	637	-2.8	2663
50.0	51	0	48	1	647	-2.8	2707

STORM 12

LEVEL 1

STORM / DATE / PRES ALT FEET / MB. / TIME IN INTERVAL /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG /OCTANT NOTH/AZMTH STM/ANGLE/EYERAD/ IN PDR CENT PRES/ACTUAL/REL /MAX WNDS MAX WD/ RADIUS

/FLORA / 631003 / 9980 / 715 / 1708-1740 / 0 / 17 / 72 / 37 / / 9 / 330 / 75 / NE / 3 / 75 / 8 / 936 / 135 / 126 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	40	0	31	1	-1540	13.2
7.5	135	23	126	16	-1240	12.0
10.0	128	-2	119	1	-1010	11.7
12.5	121	-19	112	-14	-760	11.2
15.0	114	-34	106	-29	-620	11.4
17.5	116	-5	98	-18	-430	10.9
20.0	95	-17	92	-8	-330	9.9
22.5	93	-12	90	-3	-210	8.8
25.0	95	-8	84	1	-110	9.6
27.5	86	-22	85	-13	-80	7.5
30.0	74	-31	74	-22	-10	6.9
32.5	71	-22	71	-13	30	6.2
35.0	68	-21	68	-12	100	6.5
37.5	61	-26	62	-16	110	6.2
40.0	56	-29	57	-19	130	6.1
42.5	51	-26	53	-16	180	6.7
45.0	49	-27	50	-18	190	6.8
47.5	49	-26	51	-17	180	6.4
50.0	49	-23	51	-14	200	7.1

/FLORA / 631003 / 9880 / 715 / 1549-1607 / 0 / 17 / 72 / 25 / / 9 / 330 / 115 / SE / 4 / 115 / 8 / 936 / 112 / 112 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	55	-16	35	-8	-1410	14.6
7.5	77	-17	105	-10	-1220	13.6
10.0	112	-11	112	-4	-900	12.8
12.5	112	-9	109	-4	-630	12.4
15.0	102	-9	97	-4	-440	11.3
17.5	97	-9	84	-3	-330	10.2
20.0	83	-7	85	-1	-230	9.6
22.5	68	-4	62	2	-160	9.7
25.0	76	-17	70	-10	-100	8.4
27.5	84	-4	84	3	-30	7.0
30.0	80	-4	78	3	30	7.0
32.5	75	-6	72	1	70	6.9
35.0	67	-11	66	4	110	6.6
37.5	65	-16	60	-9	140	6.6
40.0	61	-11	55	-4	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/FLORA / 631003 / 9980 / 715 / 1431-1444 / 0 / 17 / 72 / 29 / / 9 / 330 / 90 / E / 4 / 110 / 9 / 936 / 112 / 118 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	58	-11	41	-4	-1230	13.7
7.5	99	-5	89	2	-1000	12.7
10.0	112	-15	118	-8	-720	12.4
12.5	111	-20	108	-13	-500	11.6
15.0	103	-17	98	-10	-340	10.6
17.5	95	-21	90	-14	-230	9.6
20.0	84	-17	79	-10	-140	9.4
22.5	83	-17	74	-11	-80	8.8
25.0	85	-19	80	-11	-10	7.2
27.5	80	-17	78	-9	40	6.8
30.0	76	-18	72	-11	80	6.8
32.5	71	-18	67	-10	110	6.9
35.0	66	-21	65	-14	140	6.8
37.5	62	-20	60	-12	999	6.8
40.0	60	-20	57	-12	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/FLORA / 631003 / 9880 / 715 / 1317-1329 / 0 / 17 / 72 / 33 / / 9 / 330 / 115 / SE / 4 / 115 / 9 / 936 / 104 / 108 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	44	-5	50	3	-1250	15.6
7.5	76	-9	70	-1	-1130	13.6
10.0	98	2	107	10	-860	13.1
12.5	104	-14	108	-6	-860	14.1
15.0	97	-13	97	-6	-620	12.2
17.5	92	-8	97	0	-450	10.4
20.0	85	-13	84	-5	-330	9.0
22.5	83	-20	80	-13	-330	8.5
25.0	81	-28	74	-21	-140	6.9
27.5	79	-26	70	-18	-60	6.8
30.0	76	-23	78	-16	0	6.9
32.5	73	-23	70	-15	40	6.8
35.0	68	-16	65	-9	80	6.8
37.5	66	7	63	0	120	6.6
40.0	62	999	60	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 12

LEVEL 1

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NORTH	AZMTH STM	ANGLE	IN RDR CENT EYERAD	MAX WINDS PRES	MAX WINDS ACTUAL	MAX WINDS REL	RADIUS MAX WD

/FLORA / 631003 / 9880 / 715 / 1329-1345 / I / 17 / 72 / 34 /

/ 9 / 330 / 330 / SE / 4 / 115 / 9 / 936 / 103 / 98 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	57	-5	41	3	999	12.6
7.5	99	-20	41	-12	-1100	11.7
10.0	103	-31	96	-23	-850	10.7
12.5	95	-26	87	-18	-570	9.7
15.0	88	-26	85	-19	-250	9.3
17.5	86	-23	80	-15	-150	9.0
20.0	82	-22	74	-14	-80	9.3
22.5	78	-21	79	-13	-10	8.4
25.0	75	-20	72	-12	50	6.9
27.5	72	-22	68	-15	90	6.7
30.0	69	-20	62	-12	130	6.7
32.5	64	-13	62	-6	160	6.7
35.0	62	-13	62	-5	999	6.7
37.5	60	-5	59	2	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/FLORA / 631003 / 9880 / 715 / 1444-1457 / I / 17 / 72 / 30 /

/ 9 / 330 / 330 / SE / 5 / 130 / 9 / 936 / 120 / 120 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	46	-7	39	1	-1370	14.0
7.5	120	-14	120	-6	-1200	12.4
10.0	119	-14	118	-6	-900	14.5
12.5	110	-17	108	-9	-400	13.2
15.0	98	-30	100	-23	-260	9.8
17.5	88	-29	90	-21	-150	9.0
20.0	80	-22	78	-14	-70	8.2
22.5	80	-21	73	-13	-30	9.4
25.0	79	-19	78	-12	10	8.0
27.5	78	-18	77	-10	60	6.8
30.0	75	-18	73	-10	110	6.9
32.5	69	-20	70	-12	140	6.9
35.0	67	-17	64	-9	180	6.7
37.5	64	-15	63	-6	220	6.6
40.0	61	-17	60	-9	999	999.0
42.5	58	999	54	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/FLORA / 631003 / 9880 / 715 / 1607-1620 / I / 17 / 72 / 26 /

/ 9 / 330 / 290 / SE / 4 / 125 / 8 / 936 / 120 / 125 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	42	-11	30	-3	-1490	13.8
7.5	107	-10	110	-2	-1200	12.6
10.0	120	-18	125	-11	-850	11.2
12.5	109	-20	102	-13	-530	9.9
15.0	98	-16	97	-9	-350	9.2
17.5	89	-18	85	-11	-230	9.0
20.0	75	-12	72	-4	-140	9.2
22.5	74	999	999	999	-80	9.6
25.0	73	999	999	999	-40	9.7
27.5	73	999	999	999	0	8.0
30.0	72	-6	70	2	50	7.4
32.5	72	-4	75	3	100	7.2
35.0	64	-4	55	4	140	7.8
37.5	62	-17	61	-9	180	7.0
40.0	999	-9	56	-2	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/FLORA / 631003 / 9880 / 715 / 1407-1431 / I / 17 / 72 / 31 /

/ 9 / 330 / 105 / W / 8 / 270 / 9 / 936 / 88 / 99 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	36	-1	40	-4	-1260	13.7
7.5	73	-6	80	-4	-1150	12.6
10.0	73	15	98	11	-960	11.4
12.5	80	30	95	26	-650	10.4
15.0	89	30	99	25	-440	9.8
17.5	85	25	90	21	-340	8.8
20.0	78	25	82	20	-180	9.0
22.5	73	27	84	22	-110	9.3
25.0	68	29	74	24	-40	9.2
27.5	65	23	68	17	10	8.7
30.0	64	21	73	16	50	8.2
32.5	64	20	72	14	90	8.0
35.0	61	24	67	18	130	7.8
37.5	53	13	60	8	160	7.3
40.0	46	11	51	5	200	7.0
42.5	40	10	44	4	230	7.0
45.0	40	13	45	6	260	6.9
47.5	43	14	43	8	270	6.8
50.0	41	9	42	3	280	6.8

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN POR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

STORM 12

LEVEL 1

/FLORA / 631003 / 9880 / 715 / 1646-1708 / 1 / 17 / 72 / 38 /

/ 9 / 330 / 90 / W / 8 / 270 / 9 / 936 / 102 / 114 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-5	36	-6	-1630	13.4
7.5	50	12	55	10	-1400	12.8
10.0	102	29	114	26	-1050	11.0
12.5	92	35	100	31	-730	9.5
15.0	85	40	91	30	-530	9.6
17.5	72	31	82	26	-410	9.9
20.0	65	29	72	24	-310	10.6
22.5	56	28	62	23	-210	10.8
25.0	47	21	54	16	-150	10.1
27.5	50	31	57	25	-90	9.4
30.0	53	30	60	23	-40	9.0
32.5	61	33	71	27	10	8.2
35.0	56	14	63	7	60	7.6
37.5	45	11	55	5	90	7.1
40.0	41	9	45	2	130	6.9
42.5	59	6	48	-1	150	7.1
45.0	35	4	42	-3	170	7.1
47.5	29	2	35	-9	200	6.7
50.0	29	2	35	-5	210	6.4

/FLORA / 631003 / 9880 / 715 / 1523-1549 / 1 / 17 / 72 / 28 /

/ 9 / 330 / 110 / W / 8 / 285 / 8 / 936 / 80 / 94 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	2	40	1	-1400	999.0
7.5	35	999	55	999	-1180	12.0
10.0	50	999	62	999	-850	10.4
12.5	75	999	80	999	-610	9.3
15.0	80	44	94	38	-400	9.3
17.5	74	38	85	32	-280	9.2
20.0	67	47	74	40	-190	8.6
22.5	81	40	82	34	-110	7.7
25.0	63	36	68	30	-70	7.2
27.5	60	44	65	37	-40	7.3
30.0	67	46	72	40	0	7.1
32.5	67	38	69	32	40	7.4
35.0	61	32	70	26	70	7.7
37.5	59	38	64	32	110	7.3
40.0	39	34	45	27	160	6.7
42.5	45	16	42	10	180	6.7
45.0	40	18	42	11	180	6.9
47.5	37	11	46	5	200	7.1
50.0	37	9	40	3	220	7.0

/FLORA / 631003 / 9880 / 715 / 1345-1405 / 0 / 17 / 72 / 36 /

/ 9 / 330 / 300 / W / 8 / 290 / 9 / 936 / 103 / 109 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	46	4	50	-1	-1290	15.6
7.5	70	16	80	10	-1120	14.3
10.0	91	999	93	999	-880	11.0
12.5	103	999	108	999	-600	10.2
15.0	95	999	103	999	-390	9.7
17.5	89	20	90	13	-240	9.6
20.0	87	24	90	18	-150	9.6
22.5	80	27	86	20	-80	8.3
25.0	77	19	76	12	-20	8.2
27.5	70	18	76	11	30	8.1
30.0	65	18	69	11	80	7.8
32.5	59	17	68	10	120	7.7
35.0	56	10	60	3	150	7.4
37.5	49	8	53	1	180	7.2
40.0	49	8	50	1	200	7.2
42.5	48	7	47	0	210	7.0
45.0	46	7	50	0	240	6.9
47.5	45	8	48	1	260	6.9
50.0	42	6	46	-1	280	6.8

/FLORA / 631003 / 9880 / 715 / 1620-1645 / 0 / 17 / 72 / 27 /

/ 9 / 330 / 290 / W / 8 / 280 / 8 / 936 / 96 / 104 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	1	40	-3	-1390	13.2
7.5	73	17	90	13	-1180	11.2
10.0	96	4	104	0	-840	10.6
12.5	92	-8	100	-13	-560	9.2
15.0	89	-2	104	1	-410	9.5
17.5	84	24	91	18	-290	9.4
20.0	76	17	82	11	-170	9.2
22.5	71	17	72	10	-100	9.3
25.0	72	24	80	17	-40	8.9
27.5	70	16	71	9	10	8.2
30.0	66	20	70	14	60	7.6
32.5	61	17	64	10	90	7.5
35.0	56	10	61	3	120	7.5
37.5	53	13	56	6	160	7.6
40.0	49	9	51	2	180	7.5
42.5	46	10	51	3	190	7.1
45.0	46	10	50	3	220	7.2
47.5	45	4	49	-3	240	7.3
50.0	43	3	49	-4	250	7.2

/FLORA / 631003 / 9880 / 715 / 1225-1315 / 1 / 17 / 72 / 35 /

/ 9 / 330 / 115 / W / 8 / 290 / 9 / 936 / 95 / 93 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	41	1	50	-3	-1300	14.4
7.5	65	0	77	-3	-1190	13.6
10.0	70	10	80	12	-950	10.4
12.5	85	21	83	19	-700	10.0
15.0	95	32	93	26	-490	9.2
17.5	86	36	92	30	-340	9.0
20.0	83	41	93	34	-250	8.7
22.5	82	39	90	32	-180	8.2
25.0	75	33	80	26	-110	8.0
27.5	63	30	74	22	-60	8.0
30.0	67	32	71	25	0	7.9
32.5	63	28	69	21	50	7.6
35.0	57	22	55	15	80	7.2
37.5	55	24	60	17	110	7.2
40.0	51	28	55	20	130	7.2
42.5	49	21	47	13	170	6.8
45.0	47	23	47	15	190	6.7
47.5	45	19	47	12	210	6.9
50.0	44	13	47	6	220	7.0

/FLORA / 631003 / 9880 / 715 / 1457-1520 / 0 / 17 / 72 / 32 /

/ 9 / 330 / 330 / NW / 8 / 330 / 9 / 936 / 85 / 91 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	46	8	25	3	-1260	13.5
7.5	72	12	70	7	-1140	13.0
10.0	82	10	88	4	-810	13.2
12.5	85	8	91	1	-520	9.4
15.0	82	5	87	-1	-360	9.3
17.5	78	5	82	-1	-220	9.4
20.0	77	5	77	-1	-140	9.2
22.5	75	13	78	7	-70	8.8
25.0	77	18	76	11	-20	8.5
27.5	75	22	78	15	30	8.3
30.0	74	16	76	10	80	8.2
32.5	66	20	68	13	120	7.8
35.0	62	14	59	7	150	7.5
37.5	57	12	57	5	170	7.3
40.0	52	12	57	5	190	7.1
42.5	49	7	52	0	240	7.1
45.0	48	4	53	-3	250	7.2
47.5	47	1	51	-6	270	7.0
50.0	44	3	47	-4	270	6.9

STORM 12

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	OSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
FLORA	631003	9880	715	1708-1740	O	17	72	330	9	75	NE	3	75	37	8	936	135	7.5	126
FLORA	631003	9880	715	1431-1444	O	17	72	330	9	90	E	4	110	29	9	936	112	12.5	118
FLORA	631003	9880	715	1549-1607	O	17	72	330	9	115	SE	4	115	25	8	936	112	10.0	112
FLORA	631003	9880	715	1317-1329	O	17	72	330	9	115	SE	4	115	33	9	936	104	12.5	108
FLORA	631003	9880	715	1329-1345	I	17	72	330	9	300	SE	4	115	34	9	936	103	10.0	98
FLORA	631003	9880	715	1607-1620	I	17	72	330	9	280	SE	4	125	26	8	936	120	10.0	125
FLORA	631003	9880	715	1444-1457	I	17	72	330	9	330	SE	5	130	30	9	936	120	7.5	120
FLORA	631003	9880	715	1407-1431	I	17	72	330	9	105	W	8	270	31	9	936	88	15.0	99
FLORA	631003	9880	715	1646-1708	I	17	72	330	9	90	W	8	270	38	9	936	102	10.0	114
FLORA	631003	9880	715	1620-1645	O	17	72	330	9	290	W	8	280	27	8	936	96	10.0	104
FLORA	631003	9880	715	1523-1540	I	17	72	330	9	110	W	8	285	28	8	936	80	15.0	94
FLORA	631003	9880	715	1225-1315	I	17	72	330	9	115	W	8	290	35	9	936	95	15.0	93
FLORA	631003	9880	715	1345-1405	O	17	72	330	9	300	W	8	290	36	9	936	103	12.5	108
FLORA.	631003	9880	715	1457-1520	O	17	72	330	9	330	NW	8	330	32	9	936	85	12.5	91

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	42	-0	35	-0	-1352	13.7	1863
7.5	95	3	95	3	-1171	12.6	9966
10.0	100	1	105	2	-902	12.4	10524
12.5	99	0	101	0	-579	10.9	10139
15.0	95	-4	97	-4	-410	10.0	9208
17.5	90	-0	89	-2	-277	9.5	8425
20.0	82	-0	81	0	-175	9.1	6780
22.5	77	2	78	3	-101	9.1	6052
25.0	76	4	77	5	-38	8.7	5947
27.5	75	1	76	2	7	7.8	5691
30.0	71	-1	73	0	58	7.5	5102
32.5	67	0	69	1	96	7.2	4509
35.0	63	0	63	0	136	7.1	4067
37.5	58	-3	59	-1	161	6.9	3411
40.0	53	-4	55	-3	166	6.7	2918
42.5	50	-5	50	-5	207	6.9	2548
45.0	45	-5	49	-6	224	6.9	2113
47.5	46	-5	48	-6	228	6.7	2145
50.0	44	-5	47	-5	241	7.0	2025

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	60	0	55	0	-1292	13.3	4564
7.5	88	2	87	2	-1133	12.7	8755
10.0	96	1	99	1	-879	12.1	9985
12.5	97	-0	100	-0	-611	11.0	9868
15.0	94	-2	96	-2	-427	10.1	9177
17.5	89	-0	89	-2	-289	9.6	8202
20.0	82	0	82	0	-185	9.2	6954
22.5	78	2	79	3	-106	9.0	6251
25.0	76	3	77	4	-44	8.5	5959
27.5	74	1	75	2	7	7.9	5611
30.0	71	0	72	1	55	7.5	5081
32.5	67	0	69	1	96	7.3	4541
35.0	63	-0	64	0	132	7.1	4022
37.5	58	-2	59	-1	157	6.9	3441
40.0	54	-4	55	-3	169	6.8	2974
42.5	50	-5	51	-5	202	6.9	2629
45.0	46	-5	49	-5	219	6.9	2178
47.5	45	-5	48	-6	229	6.8	2123
50.0	45	-5	47	-5	237	6.9	2058

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG /NOTH/STM/ANGLE/ OCTANT AZMTH /EYERAD/ IN PDR CENT PRES/ACTUAL/REL / MAX WINDS RADIUS /MAX WD/

STORM 12

LEVEL 2

/FLORA / 631003 / 11780 / 667 / 1350-1405 / 0 / 17 / 72 / 40 /

/ 9 / 330 / 120 / SE / 4 / 120 / 9 / 936 / 102 / 107 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	60	-15	56	-7	-990	9.4
7.5	94	-17	96	-9	-790	8.6
10.0	102	-18	107	-11	-570	8.0
12.5	102	-25	97	-18	-360	7.2
15.0	96	-20	92	-13	-210	5.6
17.5	86	-22	76	-14	-80	4.8
20.0	77	-26	69	-19	10	5.0
22.5	70	-25	64	-18	90	5.4
25.0	71	-19	75	-12	140	4.6
27.5	75	-16	70	-8	190	3.1
30.0	71	-15	63	-8	250	2.6
32.5	67	-17	64	-10	280	2.4
35.0	64	-19	59	-11	300	2.5
37.5	62	-14	56	-6	320	2.6
40.0	60	-15	58	-7	350	2.7
42.5	58	-13	54	-6	380	3.1
45.0	999	-9	55	-2	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/FLORA / 631003 / 11780 / 667 / 1520-1540 / 1 / 17 / 72 / 44 /

/ 9 / 330 / 300 / SE / 5 / 125 / 9 / 936 / 119 / 117 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	47	-5	52	2	-1070	11.4
7.5	95	-23	106	-16	-890	10.3
10.0	119	-21	117	-13	-590	9.4
12.5	113	-27	98	-19	-320	7.8
15.0	95	-25	80	-17	-120	6.6
17.5	83	-18	71	-10	-10	5.4
20.0	73	-21	63	-13	70	5.2
22.5	66	-6	57	2	110	5.4
25.0	67	-3	72	4	160	5.0
27.5	70	-31	64	-23	220	4.0
30.0	68	-22	62	-14	260	3.4
32.5	66	-27	61	-19	300	2.9
35.0	67	-26	54	-18	340	2.5
37.5	65	-22	57	-14	370	2.3
40.0	61	-22	52	-15	390	2.1
42.5	59	-23	53	-15	410	1.9
45.0	57	-21	51	-13	420	1.9
47.5	53	-25	47	-17	430	2.1
50.0	53	-15	45	-7	450	2.2

/FLORA / 631003 / 11780 / 667 / 1405-1420 / 1 / 17 / 72 / 41 /

/ 9 / 330 / 310 / SE / 5 / 135 / 7 / 936 / 110 / 116 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	43	-29	53	-21	-1100	10.0
7.5	97	-24	112	-16	-960	8.9
10.0	113	-19	116	-10	-700	7.8
12.5	109	-37	106	-28	-440	6.6
15.0	102	-34	95	-26	-220	5.8
17.5	93	-23	79	-15	-80	5.1
20.0	86	-26	74	-19	20	4.8
22.5	79	-16	71	-9	90	4.9
25.0	77	-24	71	-16	140	4.5
27.5	76	-30	73	-22	180	3.0
30.0	75	-24	72	-16	230	2.4
32.5	72	-21	64	-13	270	2.3
35.0	63	-20	55	-12	300	2.4
37.5	65	-13	54	-5	330	2.6
40.0	61	-17	56	-9	360	2.9
42.5	64	-15	51	-7	390	3.2
45.0	56	-16	58	-8	390	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/FLORA / 631003 / 11780 / 667 / 1505-1520 / 0 / 17 / 72 / 43 /

/ 9 / 330 / 125 / SE / 5 / 125 / 8 / 936 / 122 / 121 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	60	-11	49	-3	-1160	11.0
7.5	122	-14	121	-5	-1000	9.4
10.0	115	-1	108	7	-590	8.2
12.5	103	-9	98	-1	-400	7.6
15.0	93	-20	90	-12	-240	6.4
17.5	86	-10	83	-2	0	5.2
20.0	81	-9	76	0	60	5.5
22.5	77	-14	73	-7	140	5.8
25.0	74	-21	71	-14	190	4.7
27.5	72	-20	64	-12	240	3.3
30.0	69	-20	63	-13	280	2.8
32.5	66	-22	57	-14	320	2.8
35.0	62	-19	58	-12	340	2.9
37.5	60	-17	54	-10	380	2.7
40.0	57	-11	56	-3	410	2.3
42.5	56	-13	52	-5	400	2.2
45.0	56	-12	47	-5	380	2.5
47.5	55	-16	51	-9	380	2.7
50.0	54	-15	47	-8	370	2.8

/FLORA / 631003 / 11780 / 667 / 1645-1700 / 1 / 17 / 72 / 47 /

/ 9 / 330 / 285 / SE / 5 / 125 / 6 / 936 / 122 / 120 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	49	-8	54	1	-1370	10.2
7.5	117	-15	115	-7	-1210	9.2
10.0	121	-27	120	-18	-890	8.0
12.5	109	-29	107	-20	-560	7.1
15.0	96	-27	93	-18	-310	6.0
17.5	83	-23	83	-15	-170	5.2
20.0	86	-15	79	-6	-50	5.4
22.5	83	-14	82	-6	40	5.8
25.0	80	-14	76	-6	110	5.4
27.5	80	-17	77	-9	150	4.0
30.0	77	-19	75	-11	190	3.2
32.5	71	-11	65	-3	210	3.3
35.0	67	-10	64	-1	250	3.3
37.5	61	-7	58	2	300	3.4
40.0	56	-9	56	0	340	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/FLORA / 631003 / 11780 / 667 / 1630-1647 / 0 / 17 / 72 / 48 /

/ 9 / 330 / 135 / SE / 5 / 135 / 7 / 936 / 117 / 122 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	46	-6	46	2	-1240	8.5
7.5	100	-8	115	0	-1100	7.8
10.0	117	-3	122	5	-840	6.6
12.5	111	-4	107	4	-510	5.4
15.0	93	-13	91	-4	-300	4.9
17.5	89	-8	86	0	-150	4.6
20.0	84	0	79	8	-30	4.4
22.5	80	-10	65	-2	40	4.5
25.0	77	-18	68	-10	100	4.4
27.5	75	-8	73	0	150	4.0
30.0	72	-12	68	-4	210	3.6
32.5	67	-14	63	-6	250	3.4
35.0	63	-14	53	-6	270	3.3
37.5	61	-12	59	-4	290	3.1
40.0	57	-6	54	2	310	3.2
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM 12
LEVEL 2

STORM TRUE OCTANT AZMTH IN PER CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/FLORA / 631003 / 11780 / 667 / 1615-1630 / 1 / 17 / 72 / 49 /
/ 9 / 330 / 115 / W / 8 / 285 / 7 / 936 / 120 / 125 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	35	4	43	3	-1240	9.0
7.5	120	17	125	15	-1050	7.3
10.0	104	31	107	27	-700	6.0
12.5	90	3	92	0	-390	5.4
15.0	77	5	81	0	-230	5.6
17.5	68	15	73	9	-110	5.4
20.0	65	19	67	13	-30	5.2
22.5	64	20	67	14	40	5.5
25.0	65	18	67	12	100	5.6
27.5	64	27	64	20	150	4.6
30.0	63	21	64	14	200	4.1
32.5	59	19	60	12	240	4.2
35.0	55	23	57	16	270	3.8
37.5	48	13	51	6	310	3.5
40.0	46	9	56	1	340	3.5
42.5	46	-1	52	-9	350	3.8
45.0	39	4	45	-3	999	999.0
47.5	39	5	45	-3	999	999.0
50.0	42	3	48	-5	999	999.0

/FLORA / 631003 / 11780 / 667 / 1443-1505 / 1 / 17 / 72 / 45 /
/ 9 / 330 / 125 / NW / 8 / 300 / 8 / 936 / 104 / 105 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	1	49	-4	-1130	9.7
7.5	76	0	76	-6	-840	8.4
10.0	104	-1	105	-8	-550	6.0
12.5	93	5	92	-2	-310	5.0
15.0	79	9	78	2	-190	5.0
17.5	70	11	72	3	-70	4.7
20.0	65	14	67	7	30	4.5
22.5	61	21	60	14	100	4.3
25.0	60	19	54	11	160	4.2
27.5	60	26	64	19	200	4.3
30.0	58	23	58	16	230	4.2
32.5	58	24	52	17	240	4.1
35.0	62	23	69	16	250	3.8
37.5	61	23	55	16	290	3.2
40.0	53	19	55	12	330	3.1
42.5	56	16	60	8	360	3.2
45.0	51	12	48	5	400	3.1
47.5	48	9	44	2	420	2.9
50.0	45	9	45	2	430	2.7

/FLORA / 631003 / 11780 / 667 / 1330-1348 / 1 / 17 / 72 / 39 /
/ 9 / 330 / 130 / NW / 8 / 310 / 9 / 936 / 89 / 93 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	45	0	50	-3	-1040	11.2
7.5	78	7	65	3	-880	9.0
10.0	80	14	80	9	-690	7.6
12.5	89	23	93	16	-460	6.1
15.0	89	26	92	19	-270	5.4
17.5	91	21	83	13	-130	5.3
20.0	75	28	78	90	-20	4.8
22.5	76	27	82	20	60	4.3
25.0	76	21	70	14	130	4.1
27.5	71	27	75	19	180	4.0
30.0	67	27	66	20	230	3.9
32.5	64	24	67	16	270	3.7
35.0	58	19	58	11	290	3.4
37.5	52	17	49	10	310	3.0
40.0	50	17	49	10	340	2.6
42.5	49	16	45	8	370	2.4
45.0	50	12	45	4	390	2.7
47.5	50	11	49	3	410	2.9
50.0	46	3	48	-5	430	2.6

/FLORA / 631003 / 11780 / 667 / 1700-1720 / 0 / 17 / 72 / 50 /
/ 9 / 330 / 305 / NW / 8 / 290 / 6 / 936 / 90 / 95 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	32	5	48	-1	-1330	9.3
7.5	90	999	95	999	-1000	8.5
10.0	85	999	92	999	-630	6.4
12.5	75	999	80	999	-350	5.9
15.0	67	6	71	0	-180	5.0
17.5	60	4	65	-2	-80	5.6
20.0	55	5	59	-2	0	6.1
22.5	52	10	58	3	50	6.0
25.0	52	9	53	2	90	5.0
27.5	54	17	61	10	140	4.5
30.0	52	19	58	12	190	4.9
32.5	47	10	62	3	230	5.0
35.0	44	0	58	-7	260	5.2
37.5	42	2	51	-5	280	5.0
40.0	46	2	49	-5	340	4.0
42.5	37	11	48	4	340	3.6
45.0	34	14	41	6	350	3.0
47.5	31	14	40	7	360	3.0
50.0	28	13	40	5	380	3.0

/FLORA / 631003 / 11780 / 667 / 1420-1443 / 0 / 17 / 72 / 42 /
/ 9 / 330 / 290 / NW / 9 / 305 / 7 / 936 / 92 / 101 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	33	9	56	3	-1070	12.0
7.5	73	999	80	999	-840	11.6
10.0	92	999	101	999	-580	9.1
12.5	96	999	95	999	-310	6.8
15.0	80	1	95	-5	-230	6.0
17.5	73	15	80	9	-110	6.2
20.0	75	19	77	12	-30	5.8
22.5	67	17	67	11	30	5.2
25.0	63	24	66	18	90	5.0
27.5	62	16	63	9	170	4.9
30.0	59	5	62	-2	220	4.7
32.5	54	9	56	3	240	4.5
35.0	52	16	56	9	270	4.3
37.5	53	19	49	12	300	4.1
40.0	51	11	45	4	330	3.9
42.5	46	16	46	9	360	3.8
45.0	44	9	49	1	380	3.6
47.5	42	10	45	3	400	3.3
50.0	40	10	42	2	420	2.9

/FLORA / 631003 / 11780 / 667 / 1540-1600 / 0 / 17 / 72 / 46 /
/ 9 / 330 / 300 / NW / 8 / 310 / 8 / 936 / 97 / 101 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	34	8	48	0	-1110	11.9
7.5	70	999	80	999	-870	9.6
10.0	97	999	101	999	-560	6.0
12.5	88	999	95	999	-380	4.7
15.0	72	12	82	5	-140	5.0
17.5	72	16	76	10	-80	4.8
20.0	67	20	71	14	60	4.6
22.5	58	26	83	19	140	4.7
25.0	59	24	69	17	170	4.4
27.5	61	28	61	21	200	3.9
30.0	37	29	60	22	250	3.6
32.5	50	26	59	19	290	3.3
35.0	47	21	53	14	300	3.3
37.5	45	20	53	13	370	3.3
40.0	40	21	52	14	410	3.2
42.5	35	13	52	6	430	3.2
45.0	32	12	44	5	430	3.1
47.5	30	15	39	8	440	2.9
50.0	30	11	36	3	460	2.7

STORM 12

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
FLORA	631003	11790	667	1350-1405	O	17	72	330	9	120	SE	4	120	40	9	936	102	10.0	107
FLORA	631003	11790	667	1505-1520	O	17	72	330	9	125	SE	5	125	43	8	936	122	7.5	121
FLORA	631003	11790	667	1520-1540	I	17	72	330	9	300	SE	5	125	44	9	936	119	10.0	117
FLORA	631003	11790	667	1645-1700	I	17	72	330	9	285	SE	5	125	47	6	936	122	10.0	120
FLORA	631003	11790	667	1405-1420	I	17	72	330	9	310	SE	5	135	41	7	936	110	10.0	116
FLORA	631003	11790	667	1630-1647	O	17	72	330	9	135	SE	5	135	48	7	936	117	10.0	122
FLORA	631003	11790	667	1615-1630	I	17	72	330	9	115	W	8	285	49	7	936	120	7.5	125
FLORA	631003	11790	667	1700-1720	O	17	72	330	9	305	NW	8	290	50	6	936	90	7.5	95
FLORA	631003	11790	667	1443-1505	I	17	72	330	9	125	NW	8	300	45	8	936	104	10.0	105
FLORA	631003	11790	667	1420-1443	O	17	72	330	9	290	NW	8	305	42	7	936	92	10.0	101
FLORA	631003	11790	667	1330-1348	I	17	72	330	9	130	NW	8	310	39	9	936	89	12.5	93
FLORA	631003	11790	667	1540-1600	O	17	72	330	9	300	NW	8	310	46	8	936	97	10.0	101

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	46	-2	48	-1	-1143	9.8	1726
7.5	92	-0	102	1	-945	8.4	8884
10.0	104	4	108	6	-659	6.7	10931
12.5	96	-1	97	-0	-405	5.8	9489
15.0	86	-4	86	-3	-217	5.3	7441
17.5	78	-0	77	0	-102	4.9	6231
20.0	73	2	71	3	3	4.9	5309
22.5	67	2	69	3	78	5.0	4660
25.0	67	1	69	1	128	4.7	4627
27.5	68	7	66	7	173	3.9	4728
30.0	60	5	63	5	227	3.5	3882
32.5	60	3	61	3	264	3.3	3723
35.0	57	2	56	2	284	3.3	3329
37.5	54	2	54	2	321	3.2	2991
40.0	51	2	54	2	353	3.1	2667
42.5	48	-3	52	-3	386	3.3	2420
45.0	45	-1	50	-1	388	2.7	2203
47.5	43	-3	45	-4	402	2.7	2036
50.0	44	-2	43	-3	414	2.7	2051

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	58	-1	66	-0	-1077	9.3	4112
7.5	86	0	94	2	-907	8.2	8203
10.0	98	2	102	3	-658	6.9	9889
12.5	94	-0	95	0	-421	5.9	9077
15.0	85	-2	86	-1	-239	5.4	7547
17.5	78	-0	78	0	-110	5.0	6352
20.0	73	2	72	2	-5	4.9	5453
22.5	69	2	70	2	70	4.9	4850
25.0	68	3	68	3	125	4.6	4708
27.5	66	5	66	6	175	4.0	4512
30.0	62	5	63	5	223	3.6	4000
32.5	60	3	60	3	259	3.4	3694
35.0	57	2	56	3	287	3.3	3336
37.5	54	2	55	2	321	3.2	2996
40.0	51	1	54	1	348	3.2	2712
42.5	48	-2	52	-2	379	3.2	2468
45.0	46	-1	50	-1	388	2.7	2230
47.5	44	-3	45	-4	403	2.7	2087
50.0	44	-3	44	-3	411	2.7	2063

STORM 12

LEVEL 3

STORM / DATE / PRES ALT FEET / MB. / TIME IN INTERVAL /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG /OCTANT NOTH/STM/ AZMTH ANGLE/ IN RDR EYERAD/ CENT PRES/ MAX WINDS ACTUAL/REL /MAX WD/ RADIUS

/FLORA / 631010 / 9880 / 715 / 1903-1925 / 0 / 28 / 65 / 57 /

/25 / 50 / 95 / E / 2 / 95 / 25 / 972 / 107 / 81 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	41	11	14	-2	-570	11.7
7.5	43	14	17	1	-550	11.8
10.0	50	14	23	0	-540	11.9
12.5	50	13	24	-4	-530	11.5
15.0	60	12	35	-4	-520	10.9
17.5	69	16	44	0	-530	11.0
20.0	73	19	48	2	-520	10.1
22.5	76	20	51	4	-500	9.7
25.0	81	18	55	1	-470	9.8
27.5	87	27	62	10	-470	9.6
30.0	97	21	72	4	-440	9.5
32.5	98	25	72	8	-460	9.1
35.0	102	25	76	9	-420	9.0
37.5	105	30	79	14	-390	8.9
40.0	107	29	81	13	-370	9.1
42.5	102	28	76	12	-320	8.8
45.0	99	30	73	14	-320	8.6
47.5	102	35	76	19	-300	8.3
50.0	99	30	74	14	-280	8.2

/FLORA / 631010 / 9880 / 715 / 1930-1955 / 1 / 28 / 65 / 59 /

/25 / 50 / 275 / SE / 2 / 115 / 25 / 972 / 117 / 90 / 42.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	32	-17	7	-1	-620	11.6
7.5	46	-5	15	-5	-610	11.3
10.0	52	5	22	0	-590	11.2
12.5	61	7	31	-2	-580	10.9
15.0	66	9	38	-2	-560	11.0
17.5	74	8	46	-4	-540	10.3
20.0	79	12	51	-1	-510	10.4
22.5	87	13	59	0	-480	9.2
25.0	92	13	65	-1	-470	9.0
27.5	98	17	71	3	-460	8.8
30.0	91	20	64	6	-440	8.7
32.5	94	29	67	14	-400	8.6
35.0	99	28	72	12	-390	8.3
37.5	104	30	77	15	-380	8.0
40.0	111	31	85	13	-390	8.4
42.5	117	31	90	16	-400	8.3
45.0	109	28	83	14	-350	8.3
47.5	107	21	81	6	-320	7.8
50.0	103	25	76	10	-290	7.3

/FLORA / 631010 / 9880 / 715 / 1749-1817 / 1 / 28 / 65 / 58 /

/25 / 50 / 0 / S / 4 / 180 / 25 / 972 / 73 / 63 / 42.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	10	-23	26	1	-550	14.2
15.0	23	-26	32	1	-490	16.5
17.5	32	-24	34	4	-460	16.3
20.0	35	-27	33	2	-450	16.3
22.5	34	-22	28	6	-430	16.5
25.0	38	-22	28	6	-410	16.1
27.5	44	-31	33	-4	-400	16.0
30.0	48	-35	36	-9	-380	15.2
32.5	65	-45	53	-19	-360	14.9
35.0	72	-47	61	-21	-340	14.0
37.5	71	-48	60	-22	-300	11.4
40.0	72	-48	62	-21	-280	10.6
42.5	73	-46	63	-19	-250	10.7
45.0	71	-43	61	-16	-220	11.0
47.5	70	-39	61	-12	-210	10.5
50.0	70	-38	62	-11	-200	9.6

/FLORA / 631010 / 9880 / 715 / 2047-2107 / 0 / 28 / 65 / 51 /

/25 / 50 / 105 / E / 2 / 105 / 25 / 970 / 94 / 66 / 45.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	29	17	9	-6	-620	12.9
7.5	35	11	12	-8	-610	12.7
10.0	40	16	16	3	-600	12.2
12.5	42	17	17	2	-600	12.1
15.0	47	14	32	-2	-590	11.2
17.5	65	20	40	-4	-580	10.6
20.0	59	16	43	1	-550	10.4
22.5	73	21	46	6	-540	10.3
25.0	72	20	45	5	-520	10.0
27.5	77	17	50	4	-510	9.5
30.0	82	19	54	6	-480	9.2
32.5	87	16	59	5	-450	9.1
35.0	85	19	57	7	-440	8.9
37.5	86	18	58	7	-420	8.8
40.0	89	19	61	7	-400	8.7
42.5	92	11	63	0	-370	8.6
45.0	94	15	66	4	-340	8.5
47.5	91	18	63	6	-320	8.4
50.0	90	16	62	4	-300	8.3

/FLORA / 631010 / 9880 / 715 / 2108-2130 / 1 / 28 / 65 / 52 /

/25 / 50 / 290 / SE / 3 / 125 / 25 / 968 / 92 / 65 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	6	22	18	6	-620	11.6
12.5	30	17	26	13	-610	11.0
15.0	47	21	36	7	-580	10.1
17.5	60	24	42	0	-550	10.0
20.0	64	18	44	-4	-540	10.0
22.5	61	15	39	-6	-530	9.9
25.0	75	16	52	-4	-550	9.7
27.5	74	16	50	-3	-500	9.7
30.0	76	11	52	-7	-490	9.6
32.5	81	13	56	-3	-470	9.3
35.0	80	13	54	-3	-440	9.3
37.5	84	14	57	-1	-430	9.2
40.0	89	11	62	-4	-410	9.1
42.5	88	15	61	1	-370	8.6
45.0	87	16	60	3	-360	8.5
47.5	86	12	58	1	-310	8.6
50.0	92	10	65	4	-300	8.9

/FLORA / 631010 / 9880 / 715 / 2156-2223 / 1 / 28 / 65 / 55 /

/25 / 50 / 35 / W / 6 / 250 / 25 / 968 / 53 / 74 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	3	-4	27	-22	-610	15.6
12.5	1	-4	25	-22	-600	15.1
15.0	0	-2	27	-12	-600	14.1
17.5	6	-17	34	-5	-590	15.6
20.0	15	-23	39	-5	-580	16.3
22.5	14	-24	35	-3	-570	14.8
25.0	10	-15	31	-7	-570	15.4
27.5	37	-20	57	2	-600	14.5
30.0	53	-35	74	-13	-580	12.6
32.5	51	-40	71	-18	-550	12.0
35.0	52	-26	74	-5	-500	9.1
37.5	51	-29	74	-9	-470	8.6
40.0	52	-13	74	7	-430	8.1
42.5	47	-15	71	3	-420	8.0
45.0	45	-5	70	11	-370	7.6
47.5	40	0	65	15	-350	7.4
50.0	29	-4	56	10	-370	7.1

STORM / DATE / PRES ALT FEET / MB. / TIME IN INTERVAL /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG /NOTH/STM/ OCTANT ANGLE/EYEPAD/ AZMTH PRES/ACTUAL/REL / IN PDR CENT MAX WTNDS /MAX WD/ RADIUS

STORM 12
LEVEL 3

/FLORA / 631010 / 9880 / 715 / 2223-2250 / O / 28 / 65 / 56 /
/25 / 50 / 270 / W / 6 / 275 / 25 / 968 / 59 / 85 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	3	-10	32	-6	-610	15.8
12.5	7	-11	35	0	-600	15.3
15.0	10	-16	37	-3	-580	16.2
17.5	13	-15	39	-1	-570	14.8
20.0	23	-16	49	-2	-560	14.3
22.5	33	-12	59	3	-570	10.6
25.0	59	-10	85	5	-490	9.8
27.5	56	-25	82	-10	-460	8.8
30.0	36	-33	63	-17	-450	8.3
32.5	43	-32	68	-16	-430	8.4
35.0	45	-26	70	-10	-420	8.0
37.5	45	-24	70	-8	-390	8.0
40.0	43	-21	68	-5	-370	7.9
42.5	44	-17	69	-1	-350	7.9
45.0	40	-14	64	2	-340	7.8
47.5	41	-12	65	4	-330	7.8
50.0	33	-14	57	2	-290	8.0

/FLORA / 631010 / 9890 / 715 / 2020-2047 / I / 28 / 65 / 53 /
/25 / 50 / 125 / NW / 6 / 290 / 25 / 970 / 47 / 77 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	-11	-5	19	2	-620	12.0
7.5	-9	-10	20	-1	-610	11.4
10.0	-2	-12	27	-2	-620	11.9
12.5	2	-10	30	2	-610	9.3
15.0	6	-16	35	-4	-610	12.1
17.5	12	-14	40	-3	-600	12.7
20.0	15	-12	44	-1	-590	13.7
22.5	14	-9	43	0	-560	12.4
25.0	14	-11	44	-4	-550	10.7
27.5	14	2	44	7	-530	10.5
30.0	40	6	70	11	-470	9.7
32.5	47	-17	77	-11	-400	8.9
35.0	32	-21	61	-14	-400	8.9
37.5	33	-22	62	-15	-390	8.5
40.0	29	-25	58	-17	-390	9.5
42.5	29	-25	57	-16	-360	11.8
45.0	29	-19	57	-9	-340	11.3
47.5	25	-20	53	-10	-330	10.6
50.0	26	-20	55	-9	-280	10.3

/FLORA / 631010 / 9880 / 715 / 1827-1838 / O / 28 / 65 / 61 /
/25 / 50 / 115 / W / 6 / 290 / 25 / 972 / 21 / 50 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	-4	-13	22	0	-540	11.3
7.5	5	-15	23	8	-550	11.4
10.0	5	-19	23	5	-540	11.4
12.5	9	-15	26	9	-530	11.9
15.0	3	-7	28	0	-520	11.5
17.5	6	-2	34	5	-490	11.3
20.0	7	-1	36	1	-460	10.0
22.5	6	7	36	7	-420	9.7
25.0	11	15	41	12	-410	9.5
27.5	18	16	47	12	-380	8.9
30.0	19	16	48	12	-350	8.6
32.5	21	13	50	10	-340	8.5
35.0	17	9	49	9	-320	8.8
37.5	12	7	41	8	-310	8.6
40.0	13	-4	42	7	-320	8.5
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/FLORA / 631010 / 9880 / 715 / 1955-2019 / O / 28 / 65 / 60 /
/25 / 50 / 280 / W / 6 / 280 / 25 / 972 / 46 / 75 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	38	-33	12	-3	-580	11.1
7.5	31	-31	14	-2	-620	12.4
10.0	27	-27	16	0	-640	12.9
12.5	27	-27	20	-2	-630	14.1
15.0	23	-22	24	2	-630	14.4
17.5	21	-19	35	1	-640	13.6
20.0	22	-17	41	-2	-630	13.7
22.5	14	-10	38	2	-610	12.7
25.0	16	-13	38	-2	-620	13.5
27.5	15	-12	38	0	-590	14.4
30.0	20	-15	41	-3	-560	14.8
32.5	26	-26	52	-14	-540	15.2
35.0	39	-25	58	-13	-530	12.3
37.5	43	-20	65	-7	-500	11.8
40.0	45	-14	75	-1	-460	9.8
42.5	40	-11	70	3	-430	10.2
45.0	45	-14	70	0	-390	10.8
47.5	46	-18	70	-4	-370	11.5
50.0	46	-23	70	-9	-340	9.7

/FLORA / 631010 / 9880 / 715 / 2130-2156 / O / 28 / 65 / 54 /
/25 / 50 / 290 / NW / 6 / 290 / 25 / 968 / 51 / 80 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	8	-17	34	-2	-600	15.4
12.5	13	-19	38	-2	-590	15.4
15.0	11	-16	37	-1	-560	14.4
17.5	16	-7	33	7	-570	13.8
20.0	19	-23	46	-9	-550	12.4
22.5	29	-24	57	-12	-510	10.4
25.0	41	-40	69	-28	-490	8.0
27.5	35	-45	65	-35	-480	8.9
30.0	51	-29	80	-20	-480	8.4
32.5	46	-22	74	-14	-430	8.4
35.0	43	-17	77	-9	-400	8.4
37.5	44	-12	74	-4	-390	8.1
40.0	44	-15	75	-7	-350	8.0
42.5	40	-6	68	2	-340	7.9
45.0	37	-4	66	4	-330	7.4
47.5	30	-4	58	5	-320	7.2
50.0	31	-4	60	5	-310	6.9

/FLORA / 631010 / 9880 / 715 / 1853-1903 / I / 28 / 65 / 62 /
/25 / 50 / 340 / NW / 7 / 310 / 25 / 972 / 41 / 62 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	29	-19	1	1	-570	12.0
7.5	24	-19	13	0	-560	12.0
10.0	19	-17	15	1	-570	12.7
12.5	19	-17	19	0	-570	13.4
15.0	22	-21	21	-5	-570	13.3
17.5	23	-22	29	-6	-570	12.6
20.0	22	-16	41	0	-570	11.3
22.5	22	-17	35	-1	-560	11.0
25.0	20	-17	40	-1	-570	11.4
27.5	26	-11	46	4	-550	11.8
30.0	38	-19	56	-3	-560	14.8
32.5	41	-17	62	-1	-530	14.0
35.0	999	999	999	999	999	999.0
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 12

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
FLORA	631010	9880	715	1903-1925	O	28	65	50	25	95	E	2	95	57	25	972	107	40.0	81
FLORA	631010	9880	715	2047-2107	O	28	65	50	25	105	E	2	105	51	25	970	74	45.0	66
FLORA	631010	9880	715	1930-1955	I	28	65	50	25	275	SE	2	115	59	25	972	117	42.5	90
FLORA	631010	9880	715	2100-2130	I	28	65	50	25	290	SE	3	125	52	25	968	92	50.0	65
FLORA	631010	9880	715	1749-1917	I	28	65	50	25	0	S	4	180	58	25	972	73	42.5	63
FLORA	631010	9880	715	2156-2223	I	28	65	50	25	35	W	6	250	55	25	968	53	30.0	74
FLORA	631010	9880	715	2223-2250	O	28	65	50	25	270	W	6	275	56	25	968	59	25.0	85
FLORA	631010	9880	715	1955-2019	O	28	65	50	25	280	W	6	280	60	25	972	46	47.5	75
FLORA	631010	9880	715	2020-2047	I	28	65	50	25	125	NW	6	290	53	25	970	47	32.5	77
FLORA	631010	9880	715	2130-2156	O	28	65	50	25	290	NW	6	290	54	25	968	51	30.0	80
FLORA	631010	9880	715	1827-1838	O	28	65	50	25	115	W	6	290	61	25	972	21	32.5	50
FLORA	631010	9880	715	1853-1903	I	28	65	50	25	340	NW	7	310	62	25	972	41	32.5	62

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	33	-14	8	-1	-585	11.6	1179
7.5	34	-10	14	-1	-590	11.9	1313
10.0	20	1	21	-3	-585	13.0	765
12.5	23	-3	24	-2	-568	13.0	891
15.0	30	-6	29	-2	-550	13.1	1404
17.5	37	-6	36	-1	-542	13.0	1942
20.0	40	-6	41	-0	-532	12.6	2212
22.5	41	-4	39	1	-517	12.0	2328
25.0	44	-3	43	0	-507	12.1	2811
27.5	52	-3	51	2	-497	11.9	3374
30.0	59	-7	58	-3	-482	12.1	4159
32.5	64	-10	63	-4	-465	11.7	4711
35.0	63	-2	63	-0	-397	9.9	5032
37.5	63	-2	62	0	-372	9.2	5211
40.0	65	-3	64	1	-357	9.0	5486
42.5	69	-3	69	0	-337	8.8	5551
45.0	67	-0	67	3	-319	8.6	5217
47.5	65	1	65	6	-300	8.4	5135
50.0	63	-0	64	4	-289	8.1	4946

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	33	-12	10	-1	-587	11.7	1224
7.5	34	-10	14	-0	-588	11.9	1338
10.0	21	1	21	-3	-584	12.9	806
12.5	25	-4	25	-2	-564	13.1	1001
15.0	30	-5	30	-2	-552	13.1	1438
17.5	36	-6	36	-1	-542	12.9	1883
20.0	39	-5	39	-0	-531	12.5	2159
22.5	41	-4	40	0	-518	12.1	2406
25.0	45	-3	44	0	-507	12.0	2850
27.5	52	-4	51	0	-495	12.0	3439
30.0	58	-8	57	-2	-481	12.0	4117
32.5	63	-9	62	-3	-464	11.6	4646
35.0	62	-2	62	-0	-397	9.8	4977
37.5	63	-2	63	0	-375	9.3	5221
40.0	64	-2	63	1	-356	9.1	5354
42.5	69	-3	69	1	-339	8.8	5516
45.0	67	-0	67	3	-319	8.6	5271
47.5	65	0	65	5	-302	8.4	5122
50.0	64	0	64	4	-293	8.2	5005

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID. /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PDR CENT PRES/ACTUAL/REL / MAX WINDS /MAX WD/ RADIUS

STORM 12
LEVEL 4

/FLORA / 631010 / 11780 / 667 / 2014-2044 / I / 28 / 65 / 64 /
/25 / 50 / 190 / E / 1 / 70 / 25 / 970 / 88 / 69 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	14	14	-14	-410	10.1
7.5	15	10	19	-19	-400	9.5
10.0	20	10	21	-19	-390	7.4
12.5	21	6	24	-23	-390	6.4
15.0	32	9	29	-20	-360	6.5
17.5	32	6	29	-22	-350	6.1
20.0	40	11	32	-18	-340	6.0
22.5	47	18	32	-9	-310	6.3
25.0	54	21	35	-5	-300	6.5
27.5	62	27	38	1	-290	6.4
30.0	65	25	43	-1	-270	6.1
32.5	76	29	57	4	-250	6.0
35.0	70	28	50	2	-240	5.3
37.5	69	32	46	6	-220	4.7
40.0	72	35	50	10	-210	5.0
42.5	86	34	66	9	-200	5.6
45.0	85	36	65	11	-130	5.6
47.5	88	25	69	0	-130	4.8
50.0	80	21	61	-3	-100	4.4

/FLORA / 631010 / 11780 / 667 / 48- 104 / I / 28 / 65 / 75 /
/25 / 50 / 275 / E / 2 / 90 / 25 / 968 / 92 / 71 / 42.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	11	10	19	-15	-520	9.6
12.5	23	16	16	-11	-520	8.7
15.0	35	21	18	-5	-510	7.9
17.5	39	20	24	-4	-500	7.2
20.0	40	17	24	-7	-490	7.8
22.5	44	18	24	-5	-490	7.8
25.0	51	18	32	-4	-490	7.7
27.5	59	24	39	3	-460	7.8
30.0	57	23	34	3	-440	7.2
32.5	65	21	40	1	-410	7.3
35.0	66	19	45	1	-340	6.8
37.5	69	23	48	4	-340	5.7
40.0	89	17	68	-2	-300	5.3
42.5	92	16	71	-2	-280	4.3
45.0	84	20	63	2	-260	4.1
47.5	82	27	62	10	-220	4.2
50.0	77	999	53	999	-190	999.0

/FLORA / 631010 / 11780 / 667 / 2312-2331 / I / 28 / 65 / 71 /
/25 / 50 / 305 / E / 2 / 105 / 25 / 968 / 90 / 64 / 42.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	20	12	-8	-490	7.3
7.5	27	15	12	-11	-460	7.7
10.0	35	13	15	-9	-460	7.3
12.5	38	11	15	-7	-450	7.3
15.0	41	5	20	-11	-440	7.5
17.5	43	8	17	-6	-430	7.4
20.0	47	7	21	-5	-420	6.9
22.5	55	10	25	-1	-410	6.5
25.0	65	8	37	-3	-400	6.0
27.5	75	11	45	1	-360	5.3
30.0	75	10	50	0	-350	4.9
32.5	83	12	54	2	-310	4.9
35.0	81	21	54	12	-300	4.7
37.5	96	17	58	7	-280	4.5
40.0	87	17	60	7	-270	4.5
42.5	90	16	64	5	-210	3.7
45.0	89	11	63	0	-200	3.8
47.5	90	12	62	1	-180	3.8
50.0	89	11	62	-1	-130	3.6

/FLORA / 631010 / 11780 / 667 / 2156-2210 / I / 28 / 65 / 69 /
/25 / 50 / 180 / E / 2 / 90 / 25 / 968 / 60 / 80 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	16	20	-12	-450	8.4
7.5	10	16	23	-10	-450	9.0
10.0	12	14	26	-11	-450	8.5
12.5	16	10	30	-13	-440	6.9
15.0	20	12	37	-11	-420	5.8
17.5	20	13	40	-9	-400	5.5
20.0	33	15	53	-7	-390	5.8
22.5	30	19	54	-4	-370	6.4
25.0	38	19	59	-3	-390	6.6
27.5	40	21	66	0	-350	6.3
30.0	44	25	74	4	-310	6.3
32.5	49	21	77	1	-280	6.0
35.0	50	19	79	-3	-250	5.7
37.5	43	18	69	-2	-230	5.4
40.0	60	16	80	-4	-230	5.6
42.5	50	19	70	-1	-220	4.9
45.0	46	27	72	7	-210	4.1
47.5	43	29	999	8	-160	4.4
50.0	999	999	999	999	999	999.0

/FLORA / 631010 / 11780 / 667 / 2256-2312 / I / 28 / 65 / 70 /
/25 / 50 / 135 / E / 2 / 105 / 25 / 968 / 98 / 69 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	33	-20	5	-1	-460	9.2
12.5	46	-14	20	-2	-460	9.3
15.0	52	-4	25	3	-420	8.8
17.5	51	4	20	8	-400	8.4
20.0	44	3	16	6	-360	8.5
22.5	48	4	20	5	-370	8.0
25.0	60	4	33	4	-350	7.0
27.5	76	2	48	1	-350	6.8
30.0	77	5	48	3	-330	6.6
32.5	80	4	52	0	-300	6.5
35.0	85	11	56	6	-310	6.1
37.5	90	15	62	10	-280	5.9
40.0	98	18	69	12	-240	4.4
42.5	94	13	64	7	-220	3.8
45.0	92	15	63	8	-190	4.0
47.5	91	12	61	5	-170	4.0
50.0	86	12	59	5	-120	4.9

/FLORA / 631010 / 11780 / 667 / 2312-2331 / I / 28 / 65 / 71 /
/25 / 50 / 105 / E / 3 / 120 / 25 / 969 / 91 / 69 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	21	999	2	999	9.5
7.5	33	29	20	1	-480	9.0
10.0	42	25	26	-1	-480	8.6
12.5	48	19	29	-4	-470	8.3
15.0	50	12	31	-7	-430	7.7
17.5	56	8	32	-10	-420	6.5
20.0	58	9	36	-7	-420	6.4
22.5	61	8	36	-6	-390	6.5
25.0	68	12	44	-1	-360	6.5
27.5	68	12	46	0	-340	6.7
30.0	76	15	50	3	-320	6.2
32.5	79	8	58	-5	-300	4.9
35.0	77	10	53	-3	-280	5.0
37.5	91	5	69	-8	-260	4.9
40.0	90	4	66	-9	-250	4.7
42.5	89	11	65	-1	-240	4.0
45.0	96	11	63	-1	-220	3.8
47.5	84	1	61	-12	-170	4.4
50.0	81	8	57	-5	-160	4.5

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG /NOTH/STM/ OCTANT ANGLE/EYERAD/ AZMTH PRES/ACTUAL/REL / IN PDR CENT MAX WINDS /MAX WD/ RADIUS

STORM 12

LEVEL 4

/FLORA / 631010 / 11780 / 667 / 1947-2004 / 0 / 28 / 65 / 65 /

/25 / 50 / 125 / SE / 3 / 125 / 25 / 972 / 101 / 75 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	-33	999	-5	999	8.1
10.0	42	-16	12	-2	-370	7.9
12.5	49	-11	17	-2	-370	7.4
15.0	56	-12	26	-7	-370	7.6
17.5	65	-15	35	-12	-320	6.7
20.0	67	-9	36	-8	-310	7.2
22.5	70	-3	40	-4	-280	6.5
25.0	80	-1	51	-3	-300	6.0
27.5	80	4	51	0	-270	5.3
30.0	91	8	52	3	-240	5.1
32.5	81	10	50	4	-240	5.0
35.0	85	16	55	9	-230	4.9
37.5	95	18	55	11	-190	5.0
40.0	87	18	57	10	-180	4.8
42.5	90	15	62	7	-140	5.0
45.0	97	15	66	6	-150	4.8
47.5	98	13	71	5	-120	4.6
50.0	101	10	75	2	-90	4.2

/FLORA / 631010 / 11780 / 667 / 104- 132 / 0 / 28 / 65 / 77 /

/25 / 50 / 270 / W / 6 / 275 / 25 / 968 / 37 / 64 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	2	999	999	999	999	999.0
7.5	6	999	999	999	999	999.0
10.0	5	5	22	-12	-530	9.6
12.5	4	0	22	-6	-520	9.3
15.0	3	0	21	-1	-510	9.0
17.5	3	-2	24	-1	-500	9.4
20.0	7	-7	26	-5	-490	9.5
22.5	9	-4	36	-2	-490	9.5
25.0	3	0	29	3	-480	9.6
27.5	8	-2	33	2	-470	9.7
30.0	6	4	31	9	-470	9.8
32.5	3	5	26	10	-440	9.4
35.0	2	-2	25	4	-430	10.6
37.5	8	-8	27	-1	-420	10.5
40.0	17	-13	37	-5	-420	8.6
42.5	19	-4	55	4	-400	6.4
45.0	23	5	59	14	-310	5.9
47.5	37	5	64	14	-300	5.6
50.0	33	5	59	15	-300	5.5

/FLORA / 631010 / 11780 / 667 / 6- 27 / 1 / 28 / 65 / 79 /

/25 / 50 / 110 / W / 6 / 280 / 25 / 968 / 32 / 57 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	23	999	2	999	9.4
7.5	13	9	16	7	-510	9.2
10.0	13	3	16	6	-510	9.7
12.5	6	-1	22	6	-510	9.5
15.0	6	-4	23	2	-520	9.6
17.5	11	-11	29	-5	-480	9.9
20.0	15	-13	34	7	-500	10.2
22.5	8	-6	34	-1	-460	10.8
25.0	10	-5	35	-1	-450	11.2
27.5	21	-6	53	-2	-450	12.0
30.0	32	-14	57	-11	-460	9.5
32.5	32	-11	54	-7	-430	7.6
35.0	27	-9	54	-6	-370	7.7
37.5	25	-7	54	-4	-350	7.3
40.0	20	-4	48	-1	-320	7.3
42.5	17	-3	44	0	-300	6.0
45.0	14	5	41	8	-280	4.6
47.5	24	14	52	17	-230	4.9
50.0	37	31	59	33	-180	5.4

/FLORA / 631010 / 11780 / 667 / 1924-1947 / 1 / 28 / 65 / 66 /

/25 / 50 / 95 / W / 6 / 260 / 25 / 972 / 52 / 65 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	-36	999	-8	999	8.1
10.0	39	-37	10	-7	-420	7.8
12.5	34	-32	10	-2	-440	7.6
15.0	26	-25	15	4	-450	9.0
17.5	25	-24	22	4	-430	10.4
20.0	27	-23	29	5	-390	10.9
22.5	32	-27	36	0	-400	11.6
25.0	37	-29	38	-3	-390	11.3
27.5	37	-23	46	3	-360	10.8
30.0	40	-25	48	0	-350	10.4
32.5	43	-31	47	-6	-340	10.5
35.0	42	-30	47	-6	-310	10.3
37.5	35	-20	44	4	-240	11.1
40.0	35	-23	46	0	-270	11.8
42.5	44	-29	50	-6	-280	10.9
45.0	52	-30	59	-8	-260	9.6
47.5	47	-30	65	-8	-230	8.9
50.0	49	-29	61	-7	-210	8.3

/FLORA / 631010 / 11780 / 667 / 2233-2255 / 1 / 28 / 65 / 72 /

/25 / 50 / 105 / W / 6 / 280 / 25 / 968 / 58 / 63 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	30	-27	9	2	-500	9.7
12.5	28	-26	10	1	-460	9.7
15.0	31	-31	13	-5	-460	9.6
17.5	29	-29	35	-4	-470	10.1
20.0	32	-28	38	-4	-460	11.3
22.5	32	-28	38	-5	-440	11.1
25.0	33	-29	39	-5	-420	11.2
27.5	34	-26	40	-4	-410	11.5
30.0	28	-26	31	-5	-400	11.6
32.5	28	-27	33	-7	-400	11.5
35.0	27	-22	32	-3	-400	11.3
37.5	35	-18	41	1	-390	12.2
40.0	24	-24	25	-6	-330	12.5
42.5	31	-23	37	-5	-360	10.1
45.0	45	-22	50	-4	-350	9.0
47.5	58	-21	63	-3	-270	7.0
50.0	45	-28	60	-10	-220	4.0

/FLORA / 631010 / 11780 / 667 / 2044-2110 / 0 / 28 / 65 / 67 /

/25 / 50 / 290 / W / 6 / 290 / 25 / 970 / 55 / 78 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	14	20	-14	-420	10.1
7.5	8	10	21	-19	-430	9.5
10.0	9	10	23	-19	-440	7.3
12.5	4	6	28	-23	-450	6.5
15.0	2	9	30	-20	-410	6.3
17.5	6	6	33	-23	-430	6.1
20.0	4	11	33	-18	-420	6.0
22.5	9	18	36	-9	-390	6.3
25.0	18	20	37	-5	-370	6.5
27.5	22	27	45	0	-370	6.4
30.0	17	25	37	-1	-350	6.1
32.5	14	29	34	4	-340	6.0
35.0	21	28	41	2	-340	5.3
37.5	55	32	78	6	-290	4.7
40.0	49	35	71	10	1250	5.0
42.5	39	34	59	9	-240	5.6
45.0	38	36	58	11	-180	5.6
47.5	39	25	58	0	-180	4.8
50.0	38	21	58	-3	-170	4.5

STORM 12

LEVEL 4

STORM	DATE	DOES ALT FEET	MB.	TIME IN INTERVAL	/OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN RDR CENT EYERAD/	MAX WINDS PRES/	ACTUAL/	REL	RADIUS /MAX WD/

/FLORA / 631010 / 11780 / 667 / 2210-2232 / 0 / 28 / 65 / 73 /

/25 / 50 / 290 / W / 6 / 290 / 25 / 968 / 72 / 92 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	5	-4	25	-3	-470	10.0
7.5	4	-4	29	6	-450	11.7
10.0	4	-1	32	9	-460	11.5
12.5	9	-5	35	5	-440	11.4
15.0	4	-1	32	8	-450	11.1
17.5	7	-5	30	5	-420	10.8
20.0	11	-10	34	2	-430	11.1
22.5	20	-13	40	-1	-400	11.3
25.0	20	-14	40	0	-400	11.1
27.5	18	-14	37	-1	-380	10.9
30.0	17	-13	37	0	-390	9.3
32.5	20	-17	37	-3	-410	8.4
35.0	32	-18	52	-4	-380	7.5
37.5	50	5	70	20	-360	6.4
40.0	72	5	92	20	-330	5.9
42.5	62	-5	82	11	-330	4.4
45.0	39	-14	60	2	-250	4.7
47.5	37	-19	50	-2	-210	4.3
50.0	29	-19	44	-5	-200	4.1

/FLORA / 631010 / 11780 / 667 / 2332-2353 / 0 / 28 / 65 / 74 /

/25 / 50 / 310 / NW / 7 / 310 / 25 / 968 / 34 / 54 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	19	10	11	2	-500	8.1
7.5	13	3	14	1	-490	9.3
10.0	12	13	16	2	-480	9.3
12.5	8	5	25	2	-480	9.4
15.0	7	7	29	3	-460	9.3
17.5	8	7	29	3	-450	9.1
20.0	7	7	29	6	-450	9.3
22.5	6	4	30	4	-450	9.1
25.0	12	1	41	3	-420	10.0
27.5	31	-11	51	-9	-420	10.2
30.0	27	-18	49	-13	-410	9.7
32.5	27	-14	49	-8	-400	7.8
35.0	33	-5	53	2	-390	6.8
37.5	23	-1	47	7	-370	5.9
40.0	20	3	47	11	-350	5.8
42.5	16	1	44	10	-300	5.9
45.0	14	1	43	10	-280	5.4
47.5	23	4	43	13	-270	5.5
50.0	34	18	54	28	-240	5.7

/FLORA / 631010 / 11780 / 667 / 2111-2130 / I / 28 / 65 / 68 /

/25 / 50 / 125 / W / 7 / 310 / 25 / 968 / 84 / 64 / 35.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	999	999	999	999	999	999.0
12.5	999	999	999	999	999	999.0
15.0	999	3	28	-7	999	10.8
17.5	40	-2	27	-6	-340	10.4
20.0	48	-7	28	-9	-350	10.0
22.5	54	2	33	-18	-330	9.3
25.0	60	1	90	-1	-310	7.6
27.5	65	-4	51	-4	-270	6.2
30.0	67	-20	47	-19	-240	4.9
32.5	74	-33	55	-32	-230	3.9
35.0	84	-33	64	-30	-200	3.9
37.5	84	-30	64	-27	-190	4.0
40.0	76	-28	55	-24	-180	4.0
42.5	76	-24	52	-19	-170	4.0
45.0	76	-17	49	-11	-170	4.9
47.5	79	-20	59	-15	-160	6.8
50.0	69	-16.	49	-10	-150	5.9

STORM 12

LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	ROR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
FLORA	631010	11790	667	2014-2044	I	28	65	50	25	180	E	1	70	64	25	970	88	42.5	69
FLORA	631010	11790	667	2156-2210	I	28	65	50	25	180	E	2	90	69	25	968	60	40.0	80
FLORA	631010	11790	667	48- 104	I	28	65	50	25	275	E	2	90	75	25	968	92	42.5	71
FLORA	631010	11790	667	2256-2312	O	28	65	50	25	135	E	2	105	70	25	968	98	40.0	69
FLORA	631010	11790	667	2312-2331	I	28	65	50	25	305	E	2	105	71	25	968	90	42.5	64
FLORA	631010	11790	667	29- 46	O	28	65	50	25	105	E	3	120	76	25	968	91	37.5	69
FLORA	631010	11790	667	1947-2004	O	28	65	50	25	125	SE	3	125	65	25	972	101	50.0	75
FLORA	631010	11790	667	1924-1947	I	28	65	50	25	95	W	6	260	66	25	972	52	45.0	65
FLORA	631010	11790	667	104- 132	O	28	65	50	25	270	W	6	275	77	25	968	37	47.5	64
FLORA	631010	11790	667	2233-2255	I	28	65	50	25	105	W	6	280	72	25	968	58	47.5	63
FLORA	631010	11790	667	6- 27	I	28	65	50	25	110	W	6	280	78	25	968	32	30.0	57
FLORA	631010	11790	667	2044-2110	O	28	65	50	25	290	W	6	290	67	25	970	55	37.5	78
FLORA	631010	11790	667	2210-2232	O	28	65	50	25	290	W	6	290	73	25	968	72	40.0	92
FLORA	631010	11790	667	2111-2130	I	28	65	50	25	125	NW	7	310	68	25	968	84	35.0	64
FLORA	631010	11790	667	2332-2353	O	28	65	50	25	310	NW	7	310	74	25	968	34	50.0	54

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	12	16	14	-2	-453	9.2	233
7.5	16	-9	17	-6	-469	8.8	381
10.0	26	-5	15	-6	-428	8.3	864
12.5	26	-5	19	-6	-429	7.9	971
15.0	29	-3	24	-4	-420	8.2	1164
17.5	32	-4	28	-6	-396	8.1	1438
20.0	35	-2	31	-4	-382	8.4	1666
22.5	38	-1	34	-2	-369	8.4	1984
25.0	45	-0	42	-1	-361	8.4	2631
27.5	51	0	46	-0	-340	8.1	3069
30.0	52	-0	47	-1	-325	7.5	3232
32.5	55	-0	50	-1	-313	7.2	3691
35.0	57	1	51	0	-296	6.8	3795
37.5	55	6	50	5	-262	6.6	3703
40.0	57	6	53	5	-234	6.7	4004
42.5	61	4	57	3	-237	6.5	4586
45.0	62	5	59	4	-209	6.0	4837
47.5	64	3	61	1	-188	5.7	4957
50.0	65	4	61	3	-164	5.5	4949

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	13	15	15	-2	-450	9.2	249
7.5	17	-7	18	-6	-469	8.6	445
10.0	26	-6	16	-6	-429	8.3	887
12.5	27	-5	20	-5	-427	8.1	998
15.0	29	-4	24	-5	-416	8.2	1180
17.5	32	-4	28	-5	-397	8.2	1443
20.0	35	-2	31	-4	-382	8.3	1690
22.5	39	-1	35	-2	-370	8.4	2072
25.0	45	-0	41	-1	-358	8.3	2601
27.5	50	-0	46	-1	-341	8.0	2992
30.0	52	-0	47	-1	-326	7.5	3287
32.5	55	-0	49	-1	-312	7.2	3616
35.0	56	2	50	1	-291	6.9	3727
37.5	55	5	51	4	-262	6.7	3785
40.0	57	6	53	4	-242	6.6	4095
42.5	60	5	56	4	-231	6.4	4526
45.0	62	4	59	3	-210	6.0	4798
47.5	63	3	61	2	-187	5.7	4882
50.0	65	3	61	3	-172	5.6	4970

STORM 13

LEVEL 1

PRES ALT TIME IN

STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN PER CENT MAX WINDS RADIUS

SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/CLEO / 640823 / 9880 / 715 / 1909-1923 / I / 17 / 67 / 535 //CLEO / 640823 / 9880 / 715 / 1612-1628 / O / 17 / 67 / 537 /

/12 / 275 / 270 / E / 5 / 85 / 0 / 0 / 123 / 119 / 7.5 /12 / 275 / 90 / E / 5 / 92 / 0 / 0 / 124 / 120 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	107	-20	105	-7	-860	12.0	5.0	87	-14	87	0	-840	14.8
7.5	123	-22	119	-4	-580	10.4	7.5	124	-17	120	-3	-550	12.9
10.0	107	-27	100	-13	-330	10.1	10.0	106	-25	102	-11	-290	10.8
12.5	96	-11	93	3	-180	10.1	12.5	85	-23	86	-9	-110	10.6
15.0	82	-6	80	8	-80	9.8	15.0	73	-17	80	-3	-20	10.6
17.5	68	-5	70	8	-10	9.8	17.5	79	-4	80	11	50	9.8
20.0	75	-18	71	-4	30	8.8	20.0	77	-5	76	9	110	8.7
22.5	81	-13	78	0	80	8.6	22.5	76	-12	77	3	170	8.3
25.0	78	-14	75	0	130	8.4	25.0	78	17	77	-2	210	8.3
27.5	69	-5	68	9	170	8.0	27.5	71	-15	72	0	240	8.4
30.0	64	-9	66	4	190	8.5	30.0	64	-17	67	-2	260	8.5
32.5	51	-12	63	1	210	8.8	32.5	64	-14	63	1	290	8.5
35.0	59	-15	50	-2	240	9.2	35.0	61	-12	61	3	290	8.3
37.5	52	-12	56	1	270	9.2	37.5	58	-8	59	6	310	8.3
40.0	55	0	58	13	310	9.2	40.0	54	-5	55	9	320	8.4
42.5	999	999	999	999	999	999.0	42.5	49	4	49	19	330	8.3
45.0	999	999	999	999	999	999.0	45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0	47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0	50.0	999	999	999	999	999	999.0

/CLEO / 640823 / 9880 / 715 / 1854-1908 / O / 17 / 67 / 536 //CLEO / 640823 / 9880 / 715 / 1628-1643 / I / 17 / 67 / 538 /

/12 / 275 / 110 / E / 5 / 90 / 0 / 0 / 133 / 135 / 7.5 /12 / 275 / 110 / E / 5 / 97 / 0 / 0 / 130 / 123 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	82	-11	87	3	-1000	16.4	5.0	109	-7	102	5	-1000	13.0
7.5	133	11	135	25	-700	15.4	7.5	130	-19	123	-4	-620	11.5
10.0	109	-15	110	-1	-390	12.8	10.0	96	-29	100	-15	-290	11.4
12.5	93	-3	95	11	-190	11.0	12.5	76	-22	80	-7	-120	11.1
15.0	80	-2	80	12	-90	10.8	15.0	75	-18	75	-4	-40	11.0
17.5	72	-3	75	11	-20	10.6	17.5	75	-14	74	-1	30	10.4
20.0	75	-20	77	-7	40	10.0	20.0	74	-12	72	2	110	9.7
22.5	73	-18	76	-5	90	8.6	22.5	66	-14	70	0	160	8.6
25.0	69	-17	74	-3	150	8.3	25.0	71	-17	69	-3	200	8.4
27.5	74	-11	73	2	180	8.1	27.5	69	-23	69	-8	230	8.5
30.0	70	-8	70	6	210	8.0	30.0	65	-20	67	-5	260	8.7
32.5	61	-13	63	0	240	8.2	32.5	62	-16	62	-1	290	8.8
35.0	55	-12	58	2	210	8.6	35.0	54	-19	57	-5	300	8.9
37.5	55	-6	57	8	280	8.9	37.5	46	-13	54	1	300	9.0
40.0	47	4	50	17	290	9.4	40.0	43	-9	50	6	350	8.6
42.5	999	999	999	999	999	999.0	42.5	51	-4	53	10	360	8.4
45.0	999	999	999	999	999	999.0	45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0	47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0	50.0	999	999	999	999	999	999.0

STORM 13

LEVEL 1

STORM / DATE / PRES ALT FEET / PRES ALT MB. / TIME INTERVAL / IN /OUT/ / LAT/LONG/ / ID /

STORM SPD/ / TRUE DIR / / OCTANT HDG /NOTH/STM/ / AZMTH ANGLE/EYERAD/ / IN PER CENT PRES/ACTUAL/REL / MAX WINDS /MAX WD/ / RADIUS

/CLEO / 640823 / 9880 / 715 / 1508-1524 / I / 17 / 67 / 539 /

/12 / 275 / 220 / E / 5 / 100 / 0 / 0 / 112 / 116 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	67	-13	74	1	-1010	13.6
7.5	112	-13	116	1	-730	12.2
10.0	106	-31	105	-16	-440	10.8
12.5	93	-28	96	-13	-240	9.6
15.0	87	-21	90	-6	-100	9.1
17.5	75	-21	86	-6	20	8.8
20.0	74	-14	78	1	90	8.8
22.5	77	-13	76	1	140	8.4
25.0	74	-12	73	2	180	8.3
27.5	67	-7	67	8	210	8.3
30.0	64	-17	61	-2	250	8.1
32.5	56	-8	59	7	280	8.2
35.0	63	2	60	16	310	8.4
37.5	59	-8	59	7	320	8.2
40.0	57	-7	56	7	330	8.4
42.5	56	-12	56	13	350	7.9
45.0	56	-4	57	10	370	7.8
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/CLEO / 640823 / 9880 / 715 / 1748-1800 / I / 17 / 67 / 541 /

/12 / 275 / 275 / SE / 5 / 115 / 0 / 0 / 120 / 112 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	85	-9	86	5	-790	12.9
7.5	120	-17	112	-3	-720	11.8
10.0	108	-25	100	-10	-400	10.9
12.5	83	-14	86	0	-180	10.7
15.0	72	-11	75	3	-70	10.6
17.5	58	-9	61	5	-10	10.5
20.0	63	-25	65	-11	40	9.8
22.5	66	-19	67	-5	90	8.8
25.0	65	-11	66	4	140	8.2
27.5	59	-11	64	3	180	8.0
30.0	60	-12	60	2	220	7.6
32.5	59	-8	60	5	250	7.7
35.0	57	-7	61	7	270	7.9
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/CLEO / 640823 / 9880 / 715 / 1735-1748 / O / 17 / 67 / 540 /

/12 / 275 / 105 / E / 5 / 110 / 0 / 0 / 112 / 110 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	81	-9	80	5	-940	15.6
7.5	112	-12	110	2	-560	13.6
10.0	97	-17	97	-3	-280	11.0
12.5	83	-12	84	2	-120	10.4
15.0	75	-5	76	10	-10	10.3
17.5	73	-14	74	1	50	10.3
20.0	60	-17	72	-3	90	10.0
22.5	67	-7	70	7	130	9.2
25.0	64	-14	69	0	200	8.2
27.5	72	-4	70	10	220	7.7
30.0	65	-11	67	4	240	7.8
32.5	59	-10	62	4	270	7.9
35.0	58	-5	61	9	290	7.8
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/CLEO / 640823 / 9880 / 715 / 1643-1708 / O / 17 / 67 / 529 /

/12 / 275 / 285 / W / 1 / 270 / 0 / 0 / 105 / 111 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	69	9	75	-5	-920	14.3
7.5	105	10	111	-4	-680	12.6
10.0	89	12	90	-2	-350	11.5
12.5	74	13	77	-1	-110	11.3
15.0	62	9	66	-6	-20	11.2
17.5	57	15	59	1	30	11.0
20.0	50	21	53	6	70	10.8
22.5	49	23	48	9	110	10.7
25.0	42	20	45	5	150	10.6
27.5	52	24	45	9	190	10.3
30.0	45	18	45	3	210	9.9
32.5	43	20	43	6	240	9.6
35.0	43	19	44	5	270	9.2
37.5	44	17	47	3	300	9.0
40.0	50	21	49	6	300	9.0
42.5	50	17	47	3	330	9.0
45.0	39	9	39	-6	350	8.9
47.5	36	6	36	-8	350	8.6
50.0	35	5	36	-9	360	8.8

STORM 13

LEVEL 1

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PDP CENT PRES/ACTUAL/REL / MAX WINDS /MAX WD/ RADIUS

/CLEO / 640823 / 9880 / 715 / 1802-1824 / 0 / 17 / 67 / 530 /

/12 / 275 / 295 / W / 1 / 275 / 0 / 0 / 101 / 110 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	91	13	87	3	-950	17.7
7.5	101	9	110	-5	-450	15.6
10.0	90	12	95	-2	-280	12.8
12.5	70	14	75	1	-160	10.9
15.0	66	5	64	-9	-50	10.5
17.5	58	13	57	-1	30	10.8
20.0	54	18	52	5	70	10.9
22.5	50	12	48	-1	100	10.6
25.0	54	18	49	4	140	10.2
27.5	53	15	54	1	170	10.0
30.0	55	21	52	8	210	9.8
32.5	45	8	44	-6	230	9.5
35.0	45	10	40	-3	270	9.1
37.5	38	7	37	-6	280	9.1
40.0	42	6	37	-7	300	8.7
42.5	36	1	38	-13	310	8.6
45.0	39	3	38	-11	330	8.3
47.5	40	3	39	-10	350	8.3
50.0	41	6	41	-8	360	8.4

/CLEO / 640823 / 9880 / 715 / 1836-1854 / I / 17 / 67 / 532 /

/12 / 275 / 105 / W / 1 / 285 / 0 / 0 / 87 / 83 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	87	33	83	20	-790	12.0
7.5	84	45	78	32	-430	11.9
10.0	78	35	75	22	-220	11.6
12.5	66	27	67	14	-110	11.3
15.0	61	19	60	5	-30	11.4
17.5	51	18	54	5	30	11.0
20.0	58	7	55	14	80	10.5
22.5	62	32	56	21	140	10.3
25.0	45	14	49	1	170	10.2
27.5	52	19	45	5	200	9.9
30.0	46	18	45	4	230	9.6
32.5	44	13	41	0	260	9.2
35.0	43	8	40	-6	280	8.8
37.5	40	5	39	-8	300	8.6
40.0	37	3	36	-11	310	8.5
42.5	39	2	36	-12	330	8.6
45.0	40	6	36	-7	340	8.8
47.5	41	7	33	-7	350	8.9
50.0	33	8	31	-6	360	9.0

/CLEO / 640823 / 9880 / 715 / 1553-1608 / I / 17 / 67 / 534 /

/12 / 275 / 125 / NW / 2 / 300 / 0 / 0 / 103 / 95 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	102	33	94	20	-950	12.8
7.5	103	5	95	-8	-520	11.0
10.0	89	4	86	-9	-240	10.8
12.5	80	11	73	-2	-90	10.7
15.0	67	11	62	-3	-10	10.8
17.5	56	16	55	3	50	10.6
20.0	57	23	50	10	100	10.2
22.5	49	16	49	2	150	10.0
25.0	55	25	49	11	180	9.7
27.5	51	19	50	5	220	9.7
30.0	56	19	48	5	250	9.6
32.5	45	22	45	0	270	9.5
35.0	47	18	41	4	280	9.4
37.5	37	16	38	2	300	9.3
40.0	35	13	36	-1	320	9.1
42.5	37	11	35	-3	330	8.9
45.0	35	10	33	-5	350	8.7
47.5	32	2	32	-13	360	8.7
50.0	33	1	32	-13	370	8.7

/CLEO / 640823 / 9880 / 715 / 1524-1547 / 0 / 17 / 67 / 531 /

/12 / 275 / 275 / W / 1 / 280 / 0 / 0 / 98 / 94 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	69	16	73	2	-970	16.7
7.5	83	17	90	13	-700	14.7
10.0	98	15	94	1	-400	12.5
12.5	89	7	87	-7	-160	11.2
15.0	72	20	71	6	-40	10.5
17.5	61	12	62	-2	20	10.8
20.0	66	20	61	5	80	10.5
22.5	59	24	59	9	140	10.0
25.0	56	15	54	1	180	9.6
27.5	56	10	53	4	210	9.8
30.0	55	20	52	6	230	9.9
32.5	50	9	48	-5	250	9.5
35.0	42	5	43	-9	280	9.0
37.5	37	6	36	-9	300	8.9
40.0	30	12	31	-2	320	8.9
42.5	38	11	32	-4	330	8.8
45.0	37	6	36	-9	350	8.7
47.5	36	6	35	-8	360	8.3
50.0	35	9	34	-6	370	8.3

/CLEO / 640823 / 9880 / 715 / 1923-1949 / I / 17 / 67 / 533 /

/12 / 275 / 290 / W / 1 / 290 / 0 / 0 / 118 / 113 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	63	10	61	-1	-1120	16.4
7.5	118	999	113	999	-750	14.6
10.0	100	999	95	999	-400	12.8
12.5	87	999	82	999	-290	11.0
15.0	77	13	77	0	-150	10.7
17.5	64	0	61	-13	-60	10.6
20.0	56	2	54	-11	10	10.5
22.5	58	10	52	-3	60	10.8
25.0	57	16	50	3	90	10.7
27.5	53	8	49	-4	130	10.1
30.0	55	10	50	-2	160	9.4
32.5	55	11	49	-1	190	9.3
35.0	50	10	46	-2	220	9.2
37.5	46	0	44	-13	240	8.8
40.0	47	2	43	-10	260	8.4
42.5	43	0	39	-12	280	8.1
45.0	41	4	38	-9	290	8.1
47.5	46	9	41	-4	300	8.2
50.0	47	12	42	-1	300	8.3

STORM 13

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CLEO	640823	9880	715	1907-1923	I	17	67	275	12	270	E	5	85	535	0	0	123	7.5	119
CLEO	640823	9880	715	1854-1908	O	17	67	275	12	110	E	5	90	536	0	0	133	7.5	135
CLEO	640823	9880	715	1612-1628	O	17	67	275	12	90	E	5	92	537	0	0	124	7.5	120
CLEO	640823	9880	715	1628-1643	I	17	67	275	12	110	E	5	97	538	0	0	130	7.5	123
CLEO	640823	9880	715	1509-1524	I	17	67	275	12	220	E	5	100	539	0	0	112	7.5	116
CLEO	640823	9880	715	1735-1748	O	17	67	275	12	105	E	5	110	540	0	0	112	7.5	110
CLEO	640823	9880	715	1748-1800	I	17	67	275	12	275	SE	5	115	541	0	0	120	7.5	112
CLEO	640823	9880	715	1643-1708	O	17	67	275	12	285	W	1	270	529	0	0	105	7.5	111
CLEO	640823	9880	715	1802-1824	O	17	67	275	12	285	W	1	275	530	0	0	101	7.5	110
CLEO	640823	9880	715	1524-1547	O	17	67	275	12	275	W	1	280	531	0	0	98	10.0	94
CLEO	640823	9880	715	1836-1854	I	17	67	275	12	105	W	1	285	532	0	0	87	5.0	83
CLEO	640823	9880	715	1923-1949	I	17	67	275	12	290	W	1	290	533	0	0	118	7.5	113
CLEO	640823	9880	715	1553-1608	I	17	67	275	12	125	NW	2	300	534	0	0	103	7.5	95

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	88	3	88	3	-891	13.3	8122
7.5	112	-4	109	-2	-625	11.8	12732
10.0	98	-7	94	-7	-331	11.0	9707
12.5	83	-0	82	0	-144	10.7	6957
15.0	71	0	71	0	-47	10.6	5118
17.5	60	3	62	3	15	10.5	3714
20.0	61	-0	60	0	61	9.9	3872
22.5	61	1	60	1	109	9.5	3948
25.0	60	4	58	4	152	9.2	3775
27.5	58	6	57	5	190	9.0	3465
30.0	56	3	55	3	218	8.9	3251
32.5	52	4	52	2	243	8.9	2796
35.0	51	3	51	3	266	8.9	2703
37.5	47	3	49	2	296	8.9	2327
40.0	48	6	49	5	313	8.9	2454
42.5	47	4	46	6	333	8.5	2319
45.0	45	3	45	1	357	8.3	2193
47.5	34	4	34	-10	353	8.6	1194
50.0	34	3	34	-10	363	8.7	1185

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	96	0	95	1	-802	12.8	9659
7.5	104	-3	102	-2	-596	11.8	11207
10.0	96	-4	93	-4	-350	11.1	9395
12.5	83	-1	82	-0	-171	10.8	7107
15.0	71	0	71	0	-62	10.6	5264
17.5	63	1	64	2	7	10.4	4141
20.0	62	0	61	1	60	9.9	3958
22.5	61	2	60	2	107	9.6	3907
25.0	59	4	58	4	150	9.3	3730
27.5	58	5	57	4	187	9.0	3478
30.0	55	4	55	3	217	8.9	3194
32.5	53	4	52	3	242	8.9	2872
35.0	50	3	51	3	264	8.9	2657
37.5	48	4	49	3	295	8.9	2455
40.0	48	5	49	4	312	8.9	2454
42.5	47	4	46	5	333	8.5	2285
45.0	46	2	45	1	352	8.3	2224
47.5	35	5	34	-9	354	8.7	1251
50.0	34	3	34	-10	360	8.7	1207

STORM 13

LEVEL 2

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PER CENT PRES/ACTUAL/REL / MAX WINDS RADIUS /MAX WD/

/CLEO / 640823 / 11780 / 667 / 1650-1707 / 0 / 17 / 67 / 542 /

/12 / 275 / 90 / E / 5 / 90 / 0 / 0 / 125 / 123 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	81	10	81	24	-780	11.7
7.5	125	9	123	23	-440	10.8
10.0	118	11	116	25	-280	9.0
12.5	90	1	91	15	70	7.6
15.0	91	-10	80	5	30	7.1
17.5	82	2	79	16	130	6.9
20.0	81	-12	79	2	210	6.2
22.5	77	-8	76	7	260	6.0
25.0	72	-12	71	2	290	5.8
27.5	70	-8	68	6	310	5.7
30.0	67	-12	65	3	340	5.5
32.5	65	-13	63	1	380	5.3
35.0	55	21	54	-6	400	5.2
37.5	47	-25	51	-10	430	5.0
40.0	50	-20	51	-6	440	5.3
42.5	55	-17	51	-3	450	4.9
45.0	52	-12	52	2	460	4.7
47.5	49	-2	52	12	470	4.7
50.0	51	-11	50	3	480	5.4

/CLEO / 640823 / 11780 / 667 / 1546-1601 / 1 / 17 / 67 / 544 /

/12 / 275 / 270 / E / 5 / 95 / 0 / 0 / 126 / 123 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	97	-6	92	8	-920	8.6
7.5	126	-14	123	0	-500	8.1
10.0	103	-26	101	-12	-210	7.5
12.5	89	-16	88	-2	-10	6.5
15.0	77	-12	76	2	100	6.0
17.5	84	-10	84	4	160	5.8
20.0	73	-7	73	7	250	5.7
22.5	72	-7	72	9	290	5.5
25.0	64	-16	64	-2	320	5.3
27.5	57	-15	57	0	340	5.2
30.0	58	-21	58	-6	370	5.0
32.5	59	-16	60	-1	390	5.1
35.0	46	-13	46	1	430	5.1
37.5	47	-4	47	10	440	5.0
40.0	52	-5	53	10	450	4.8
42.5	37	-3	37	11	460	5.2
45.0	55	-9	55	6	470	5.7
47.5	53	-12	53	3	480	5.6
50.0	999	999	999	999	999	999.0

/CLEO / 640823 / 11780 / 667 / 1529-1541 / 0 / 17 / 67 / 546 /

/12 / 275 / 90 / E / 5 / 100 / 0 / 0 / 116 / 121 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	61	-23	68	-12	999	12.2
7.5	116	-40	121	-28	-540	11.2
10.0	98	-31	102	-16	-200	9.0
12.5	84	-21	85	-6	0	7.0
15.0	71	-15	76	-1	80	6.2
17.5	72	-16	75	-1	150	5.2
20.0	80	1	87	16	220	5.4
22.5	91	5	84	12	270	4.8
25.0	73	4	74	19	310	4.7
27.5	66	2	70	16	340	4.5
30.0	56	-9	59	8	370	4.2
32.5	54	-12	53	3	400	4.1
35.0	56	-9	55	5	410	4.2
37.5	50	-13	53	1	430	4.4
40.0	50	-12	49	2	440	4.4
42.5	51	-7	47	7	460	4.6
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/CLEO / 640823 / 11780 / 667 / 1708-1725 / 1 / 17 / 67 / 543 /

/12 / 275 / 285 / E / 5 / 93 / 0 / 0 / 121 / 113 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	97	-4	92	9	-770	8.2
7.5	121	-24	113	-10	-460	7.1
10.0	102	-27	97	-13	-200	6.8
12.5	86	-12	83	2	-10	6.5
15.0	74	-9	71	5	80	6.0
17.5	72	-10	69	4	160	5.8
20.0	77	-27	74	-8	200	5.6
22.5	73	-14	70	0	240	5.4
25.0	64	-19	64	-4	290	5.2
27.5	67	-15	63	0	320	5.0
30.0	65	-15	63	0	350	4.7
32.5	62	-15	60	0	370	4.6
35.0	60	-15	58	-1	390	4.2
37.5	58	-9	56	6	410	4.4
40.0	54	-5	52	9	430	4.6
42.5	54	-11	51	3	430	4.6
45.0	53	-8	49	6	450	4.8
47.5	48	-9	46	6	470	5.2
50.0	44	0	45	14	480	5.6

/CLEO / 640823 / 11780 / 667 / 1948-2004 / 1 / 17 / 67 / 545 /

/12 / 275 / 285 / E / 5 / 97 / 0 / 0 / 121 / 120 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	90	0	93	13	-820	8.8
7.5	121	-10	120	3	-500	7.5
10.0	109	-10	109	3	-250	6.9
12.5	97	-4	97	9	-130	5.8
15.0	84	-4	97	9	20	5.7
17.5	77	-2	81	11	90	5.8
20.0	73	-3	76	11	140	5.4
22.5	72	-9	72	4	170	4.6
25.0	71	-6	71	7	210	4.4
27.5	65	-8	68	5	250	4.6
30.0	61	2	65	15	280	4.4
32.5	58	0	62	13	310	4.4
35.0	58	-6	62	7	340	4.4
37.5	59	-10	63	3	360	4.9
40.0	58	-10	61	4	380	5.5
42.5	56	-7	59	6	390	5.7
45.0	55	-5	57	8	400	6.0
47.5	57	-2	58	11	410	6.2
50.0	53	-2	56	11	420	6.3

/CLEO / 640823 / 11780 / 667 / 1931-1948 / 0 / 17 / 67 / 547 /

/12 / 275 / 110 / E / 5 / 105 / 0 / 0 / 112 / 117 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	77	-15	85	-4	-790	12.4
7.5	112	-21	117	-8	-400	11.4
10.0	102	-18	105	-5	-220	9.8
12.5	86	-13	92	0	-100	8.2
15.0	81	-11	85	2	10	7.5
17.5	56	-9	78	5	90	7.2
20.0	69	-27	68	-14	140	6.8
22.5	70	-19	71	-5	170	6.4
25.0	62	-13	71	0	200	5.2
27.5	59	-15	65	-2	240	4.4
30.0	58	-15	62	-3	280	4.1
32.5	63	-21	66	-8	310	4.0
35.0	65	-22	66	-8	320	4.2
37.5	62	-19	63	-4	340	4.4
40.0	58	-16	61	-3	350	4.7
42.5	56	-13	58	1	370	5.0
45.0	47	-13	56	0	390	5.4
47.5	53	-4	58	9	410	5.9
50.0	53	-8	999	5	999	6.4

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/ IN EYERAD/ RDP CENT PRES/ MAX WINDS ACTUAL/REL / RADIUS /MAX WD/

STORM 13

LEVEL 2

/CLEO / 640823 / 11780 / 667 / 1831-1827 / O / 17 / 67 / 548 /

/12 / 275 / 110 / E / 5 / 110 / 0 / 0 / 121 / 123 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	83	3	90	16	-180	11.9
7.5	121	-8	123	21	-580	10.2
10.0	108	-6	110	8	-240	9.0
12.5	94	1	96	15	-100	8.9
15.0	79	-5	82	9	10	8.7
17.5	71	-13	71	1	70	7.8
20.0	60	-9	64	5	130	7.2
22.5	64	-22	66	-8	180	6.9
25.0	65	-21	69	-9	230	5.4
27.5	71	-16	71	-3	280	4.0
30.0	64	-16	69	-3	320	3.4
32.5	61	-18	64	-4	350	3.2
35.0	55	-19	60	-6	360	3.6
37.5	54	-17	57	-3	370	3.5
40.0	46	-15	52	-1	380	4.0
42.5	48	-6	48	7	390	4.5
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/CLEO / 640823 / 11780 / 667 / 2050-2112 / I / 17 / 67 / 550 /

/12 / 275 / 95 / E / 5 / 112 / 0 / 0 / 120 / 125 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	74	-12	81	-1	-900	14.1
7.5	120	-25	125	-12	-550	13.0
10.0	104	-16	109	-3	-280	10.0
12.5	95	-15	97	-2	-90	8.2
15.0	81	-10	85	-6	10	7.5
17.5	72	-15	74	-2	90	7.6
20.0	47	-17	53	-4	190	7.7
22.5	38	-17	44	-4	250	8.0
25.0	67	-31	57	-18	230	7.9
27.5	69	-10	70	2	240	7.3
30.0	65	-9	68	4	270	6.9
32.5	62	-12	65	1	310	7.4
35.0	59	-20	61	7	340	7.3
37.5	50	-12	54	1	350	6.7
40.0	44	-11	51	1	360	6.8
42.5	54	-9	55	4	370	6.8
45.0	53	-7	55	6	390	6.1
47.5	46	-10	53	2	340	7.0
50.0	47	8	53	21	420	7.4

/CLEO / 640823 / 11780 / 667 / 2004-2027 / O / 17 / 67 / 552 /

/12 / 275 / 290 / W / 1 / 269 / 0 / 0 / 81 / 76 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	81	8	76	-4	-700	13.4
7.5	81	7	76	-4	-440	11.7
10.0	81	7	76	-5	-200	9.6
12.5	68	6	65	-7	-40	7.8
15.0	57	6	56	-8	40	6.8
17.5	49	-13	52	-26	130	6.8
20.0	47	-6	48	-19	190	6.5
22.5	42	-5	44	-18	210	5.8
25.0	41	1	41	-13	240	5.8
27.5	42	2	40	-13	280	5.3
30.0	42	1	39	-12	310	5.6
32.5	38	2	35	-12	350	5.1
35.0	53	-8	48	-22	360	5.0
37.5	41	0	45	-14	380	5.2
40.0	37	-10	48	-23	390	5.5
42.5	37	-10	38	-23	390	5.9
45.0	38	-6	36	-20	380	5.9
47.5	36	1	34	-12	390	6.5
50.0	34	-2	34	-16	410	6.7

/CLEO / 640823 / 11780 / 667 / 1827-1842 / I / 17 / 67 / 549 /

/12 / 275 / 275 / E / 5 / 110 / 0 / 0 / 125 / 126 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	92	-10	95	-5	-900	8.4
7.5	125	-21	126	-7	-630	7.3
10.0	107	-22	113	-8	-320	6.6
12.5	97	-18	97	-4	-110	6.4
15.0	80	-20	84	-7	40	6.6
17.5	74	-18	79	-4	120	6.6
20.0	69	-13	75	0	170	6.3
22.5	69	-10	73	3	220	5.7
25.0	67	-11	72	2	260	4.6
27.5	72	-14	71	0	300	4.8
30.0	65	-17	67	-4	330	4.5
32.5	57	-14	60	0	340	4.4
35.0	50	-11	56	2	360	4.5
37.5	60	-13	58	1	390	4.4
40.0	53	-9	56	5	400	4.7
42.5	48	-9	51	4	410	4.9
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/CLEO / 640823 / 11780 / 667 / 1633-1647 / I / 17 / 67 / 551 /

/12 / 275 / 95 / W / 1 / 265 / 0 / 0 / 96 / 101 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	71	999	76	999	-810	10.0
7.5	96	999	101	999	-540	8.4
10.0	87	999	92	999	-260	7.7
12.5	70	47	80	34	-40	7.6
15.0	54	34	63	20	90	7.4
17.5	46	24	53	10	160	7.0
20.0	43	21	45	7	200	6.5
22.5	36	32	40	18	250	6.3
25.0	31	28	38	14	300	6.5
27.5	41	24	41	10	330	6.7
30.0	40	22	43	8	370	6.4
32.5	32	18	44	4	400	6.1
35.0	40	21	42	7	410	6.0
37.5	36	4	42	-10	420	5.7
40.0	40	9	40	-6	420	5.3
42.5	31	6	35	-8	440	5.0
45.0	31	7	35	-7	460	4.9
47.5	32	3	35	-11	490	5.0
50.0	30	4	34	-10	480	4.9

/CLEO / 640823 / 11780 / 667 / 1842-1902 / O / 17 / 67 / 553 /

/12 / 275 / 270 / W / 1 / 270 / 0 / 0 / 107 / 105 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	85	30	84	16	-690	12.1
7.5	107	46	105	32	-380	10.4
10.0	82	45	94	31	-170	8.6
12.5	67	32	72	18	-20	7.4
15.0	55	19	57	5	70	7.3
17.5	46	8	45	-6	120	7.1
20.0	40	9	41	-6	160	7.2
22.5	45	8	43	-6	210	7.0
25.0	47	18	46	4	250	7.0
27.5	46	6	45	-8	290	6.7
30.0	40	-1	42	15	320	6.2
32.5	39	0	41	-14	350	5.5
35.0	40	-1	42	-15	370	5.0
37.5	40	-1	40	-15	390	4.6
40.0	36	2	37	-12	400	4.2
42.5	35	5	37	-9	420	3.8
45.0	39	-2	38	-16	420	4.0
47.5	34	0	35	-14	420	4.2
50.0	33	7	34	-7	430	4.5

STORM 13

LEVEL 2

STORM	DATE	PRES ALT FEET	PRES MB.	TIME INTERVAL	IN /OUT	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN PDR CENT EYERAD	MAX WINDS PRES	ACTUAL	RADIUS REL	MAX WD

/CLEO / 640823 / 11780 / 667 / 2034-2050 / I / 17 / 67 / 554 /

/12 / 275 / 100 / W / 1 / 275 / 0 / 0 / 100 / 97 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	93	28	91	15	-870	10.0
7.5	100	29	97	16	-420	8.3
10.0	73	14	71	1	-230	7.5
12.5	63	8	59	-5	-50	7.0
15.0	56	11	54	-2	50	6.7
17.5	57	11	50	-3	130	6.6
20.0	44	7	41	-6	180	6.2
22.5	34	7	35	-6	220	6.0
25.0	42	11	35	-2	250	6.0
27.5	41	13	37	0	280	5.8
30.0	43	9	38	-4	310	5.4
32.5	39	-2	36	-15	330	4.8
35.0	35	-1	35	-14	340	4.7
37.5	37	-2	34	-15	360	4.7
40.0	34	0	34	-13	370	4.8
42.5	40	-5	36	-18	370	4.7
45.0	36	-2	37	-15	370	4.9
47.5	42	3	39	-10	380	5.4
50.0	46	7	41	-6	390	6.7

/CLEO / 640823 / 11780 / 667 / 1725-1747 / I / 17 / 67 / 556 /

/12 / 275 / 270 / W / 1 / 285 / 0 / 0 / 100 / 93 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	-750	11.8
7.5	100	999	93	999	-540	10.0
10.0	93	13	86	2	-240	8.9
12.5	87	15	85	1	10	8.1
15.0	63	9	62	-5	80	7.5
17.5	49	7	46	-8	150	8.1
20.0	41	9	44	-6	190	7.8
22.5	48	4	48	-10	200	7.0
25.0	54	17	50	3	240	6.6
27.5	54	24	50	10	290	6.3
30.0	50	26	48	12	330	6.2
32.5	47	19	44	46	390	6.3
35.0	40	4	40	-10	410	5.8
37.5	38	5	38	-9	420	5.2
40.0	38	0	39	-14	430	5.0
42.5	33	-1	36	-16	440	4.8
45.0	31	-2	35	-17	470	4.6
47.5	36	4	38	-11	490	4.6
50.0	35	0	37	-15	480	4.4

/CLEO / 640823 / 11780 / 667 / 1756-1813 / O / 17 / 67 / 555 /

/12 / 275 / 105 / W / 1 / 280 / 0 / 0 / 87 / 91 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	78	11	80	-3	-870	9.8
7.5	87	999	91	999	-560	8.4
10.0	93	999	90	999	-250	7.0
12.5	75	999	77	999	-50	7.0
15.0	65	999	65	999	50	7.0
17.5	51	999	54	999	130	6.8
20.0	50	999	48	999	180	6.7
22.5	50	999	42	999	220	6.6
25.0	38	999	41	999	280	6.4
27.5	47	999	46	999	290	6.4
30.0	48	999	46	999	340	6.2
32.5	38	999	42	999	360	6.0
35.0	38	999	39	999	390	5.7
37.5	34	999	37	999	410	5.4
40.0	41	999	41	999	430	5.0
42.5	42	999	42	999	440	4.5
45.0	39	999	37	999	440	4.4
47.5	39	999	35	999	460	4.4
50.0	31	999	32	999	470	4.3

/CLEO / 640823 / 11780 / 667 / 1601-1624 / O / 17 / 67 / 557 /

/12 / 275 / 285 / W / 1 / 290 / 0 / 0 / 110 / 105 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	110	12	105	-25	-820	11.5
7.5	89	34	85	20	-460	10.0
10.0	99	24	94	11	-170	8.4
12.5	83	26	80	12	0	7.9
15.0	67	19	67	5	120	7.6
17.5	55	13	51	0	170	7.3
20.0	47	15	47	0	210	7.2
22.5	49	16	45	2	260	7.0
25.0	47	17	43	2	280	7.0
27.5	44	18	44	3	300	6.8
30.0	45	16	46	1	340	6.3
32.5	49	23	48	9	370	6.3
35.0	51	22	49	8	410	6.5
37.5	47	18	45	6	430	6.6
40.0	34	16	36	2	460	6.0
42.5	35	17	32	3	480	5.3
45.0	35	10	35	-4	490	4.8
47.5	34	7	35	-7	500	4.3
50.0	37	10	35	-5	510	4.2

STORM 13

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
CLEO	640823	11780	667	1650-1707	O	17	67	275	12	90	E	5	99	542	0	0	125	7.5	123
CLEO	640823	11780	667	1709-1725	I	17	67	275	12	285	E	5	93	543	0	0	121	7.5	113
CLEO	640823	11780	667	1546-1601	I	17	67	275	12	270	E	5	95	544	0	0	126	7.5	123
CLEO	640823	11780	667	1948-2004	I	17	67	275	12	285	E	5	97	545	0	0	121	7.5	120
CLEO	640823	11780	667	1528-1541	O	17	67	275	12	90	E	5	100	546	0	0	116	7.5	121
CLEO	640823	11780	667	1731-1748	O	17	67	275	12	110	E	5	105	547	0	0	112	7.5	117
CLEO	640823	11780	667	1831-1827	O	17	67	275	12	110	E	5	110	548	0	0	121	7.5	123
CLEO	640823	11780	667	1827-1842	I	17	67	275	12	275	E	5	110	549	0	0	125	7.5	126
CLEO	640823	11780	667	2050-2112	I	17	67	275	12	95	E	5	112	550	0	0	120	7.5	125
CLEO	640823	11780	667	1633-1647	I	17	67	275	12	95	W	1	265	551	0	0	96	7.5	101
CLEO	640823	11780	667	2004-2027	O	17	67	275	12	290	W	1	269	552	0	0	81	5.0	76
CLEO	640823	11780	667	1842-1902	O	17	67	275	12	270	W	1	270	553	0	0	107	7.5	105
CLEO	640823	11780	667	2034-2050	I	17	67	275	12	100	W	1	275	554	0	0	100	7.5	97
CLEO	640823	11780	667	1756-1813	O	17	67	275	12	105	W	1	280	555	0	0	87	7.5	91
CLEO	640823	11780	667	1725-1747	I	17	67	275	12	270	W	1	285	556	0	0	100	7.5	93
CLEO	640823	11780	667	1601-1624	O	17	67	275	12	285	W	1	290	557	0	0	110	5.0	105

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	84	4	85	-1	-819	11.7	7341
7.5	107	6	108	6	-495	10.4	11746
10.0	101	5	101	6	-244	8.7	10350
12.5	84	13	86	13	-17	7.8	7161
15.0	70	5	73	5	61	7.3	5095
17.5	63	5	64	5	136	7.1	4209
20.0	55	1	56	0	197	6.9	3267
22.5	51	4	52	4	250	6.7	2882
25.0	54	0	52	0	272	6.7	3209
27.5	55	5	55	4	294	6.5	3293
30.0	54	3	55	3	329	6.1	3052
32.5	51	3	54	3	364	6.1	2843
35.0	50	9	51	2	388	6.1	2652
37.5	45	-3	47	-3	406	5.9	2078
40.0	42	-2	44	-2	418	5.7	1831
42.5	43	-0	43	-1	433	5.4	2028
45.0	42	-1	44	-1	446	5.1	1926
47.5	40	-0	43	-1	448	5.3	1719
50.0	41	2	43	1	468	5.5	1790

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	91	4	93	1	-711	11.3	8799
7.5	101	5	102	5	-485	10.2	10663
10.0	97	5	98	5	-247	8.9	9631
12.5	83	11	85	11	-55	7.9	7262
15.0	72	6	74	6	91	7.4	5415
17.5	63	4	64	4	130	7.1	4275
20.0	56	3	57	2	194	6.9	3423
22.5	53	3	53	3	242	6.8	3099
25.0	54	2	53	2	270	6.6	3203
27.5	55	4	54	3	297	6.4	3210
30.0	53	3	54	3	330	6.2	3039
32.5	52	4	53	3	361	6.1	2845
35.0	49	4	51	1	386	6.0	2557
37.5	45	-1	47	-2	404	5.9	2136
40.0	43	-1	45	-2	418	5.7	1957
42.5	43	-1	43	-1	433	5.4	1984
45.0	42	-0	44	-1	443	5.2	1891
47.5	41	0	43	-0	452	5.3	1780
50.0	41	1	43	1	463	5.4	1787

STORM 14

LEVEL 1

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	TD

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH	STM	IN PDR CENT ANGLE	EYEPAD	MAX WINDS PRES	ACTUAL	REL	RADIUS /MAX WD/

/DORA / 640905 / 9880 / 715 / 1326-1340 / 0 / 24 / 62 / 98 /

/10 / 320 / 90 / E / 5 / 120 / 8 / 971 / 97 / 88 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	44	3	36	-2	-910	15.7
7.5	66	9	56	4	-840	15.0
10.0	74	13	62	8	-780	14.5
12.5	77	16	68	10	-700	13.8
15.0	75	11	66	6	-610	12.9
17.5	75	15	65	10	-550	12.8
20.0	75	13	67	8	-500	12.1
22.5	80	17	71	12	-450	12.3
25.0	86	17	77	12	-400	12.3
27.5	87	6	88	11	-370	11.5
30.0	94	13	87	8	-290	11.0
32.5	94	15	85	10	-260	10.5
35.0	87	10	77	5	-210	10.3
37.5	87	11	75	7	-170	10.1
40.0	84	7	73	2	-120	9.9
42.5	77	16	69	11	-130	9.6
45.0	73	29	67	24	-60	9.2
47.5	70	15	71	10	-40	9.0
50.0	999	999	999	999	999	999.0

/DORA / 640905 / 9880 / 715 / 1455-1516 / 1 / 24 / 62 / 100 /

/10 / 320 / 45 / SE / 5 / 140 / 15 / 966 / 79 / 78 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-6	27	3	-960	16.4
7.5	37	-11	45	-2	-930	15.4
10.0	54	-7	55	2	-870	14.6
12.5	62	-14	60	-4	-800	14.2
15.0	62	-4	56	6	-700	14.2
17.5	62	-10	51	0	-630	14.3
20.0	57	-8	55	1	-580	14.4
22.5	60	-15	62	-5	-530	14.1
25.0	69	-8	67	1	-460	13.9
27.5	79	18	78	-9	-420	14.2
30.0	75	-17	74	8	-390	13.4
32.5	75	-16	74	-7	-380	12.2
35.0	76	-21	75	-12	-320	11.4
37.5	76	-3	74	7	-270	11.1
40.0	73	-9	70	0	-230	11.0
42.5	66	-9	69	1	-230	11.2
45.0	62	-7	67	3	-180	11.4
47.5	65	-8	70	1	-150	11.6
50.0	67	-8	68	2	-130	11.8

/DORA / 640905 / 9880 / 715 / 1541-1557 / 1 / 24 / 62 / 99 /

/10 / 320 / 225 / SE / 5 / 125 / 15 / 966 / 86 / 79 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	42	1	32	-1	-950	15.0
7.5	56	3	49	0	-890	14.2
10.0	61	8	58	6	-810	14.0
12.5	66	6	60	4	-740	13.5
15.0	69	8	60	5	-680	12.7
17.5	67	6	59	3	-610	12.7
20.0	66	4	60	2	-570	12.6
22.5	69	1	64	-2	-510	12.3
25.0	80	16	71	14	-480	12.4
27.5	96	21	79	18	-430	12.2
30.0	83	0	78	-4	-390	11.6
32.5	75	-4	71	-8	-330	11.3
35.0	79	-3	74	-8	-280	11.2
37.5	80	9	74	4	-260	10.8
40.0	82	2	72	-3	-240	10.5
42.5	79	-3	72	-8	-210	10.5
45.0	76	4	68	0	999	10.5
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/DORA / 640905 / 9880 / 715 / 1512-1530 / 0 / 24 / 62 / 101 /

/10 / 320 / 180 / S / 6 / 170 / 15 / 966 / 80 / 70 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	28	-6	31	3	-960	15.8
7.5	59	0	47	1	-910	15.2
10.0	66	3	54	5	-830	14.9
12.5	76	6	63	9	-760	14.1
15.0	74	-1	66	3	-670	13.5
17.5	74	0	65	4	-620	13.0
20.0	71	-3	63	1	-570	13.6
22.5	72	-6	64	-2	-520	13.2
25.0	77	0	67	5	-470	12.6
27.5	80	1	70	6	-420	12.2
30.0	74	2	66	7	-370	11.3
32.5	70	1	64	7	-330	10.9
35.0	69	-1	63	4	-280	10.7
37.5	71	1	62	6	-250	10.3
40.0	66	-7	60	-2	-220	10.8
42.5	70	-4	57	1	-210	10.8
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 14

LEVEL 1

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN PER CENT EYERAD	MAX WINDS PRES/ACTUAL	REL	RADIUS /MAX WD/

/DORA / 640905 / 9890 / 715 / 1320-1343 / I / 24 / 62 / 102 /

/10 / 320 / 85 / W / 8 / 260 / 8 / 971 / 98 / 89 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	41	1	28	-4	-900	13.8
7.5	46	9	58	4	-840	13.3
10.0	73	13	66	8	-760	12.7
12.5	77	16	69	10	-670	13.3
15.0	75	11	64	6	-600	12.5
17.5	75	15	66	10	-550	12.5
20.0	75	13	65	8	-490	12.3
22.5	80	17	69	12	-450	11.9
25.0	86	17	75	12	-410	11.1
27.5	98	16	89	11	-350	11.3
30.0	94	13	85	8	-290	10.1
32.5	93	14	82	9	-250	10.0
35.0	87	10	80	5	-210	9.9
37.5	87	11	78	7	-170	9.6
40.0	84	7	76	2	-140	9.7
42.5	77	16	67	11	-110	9.5
45.0	73	30	63	24	-80	9.4
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/DORA / 640905 / 9880 / 715 / 1557-1603 / O / 24 / 62 / 104 /

/10 / 320 / 330 / NW / L / 330 / 16 / 963 / 65 / 74 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	5	25	13	-960	16.7
7.5	43	8	53	12	-940	18.1
10.0	48	11	57	13	-830	17.4
12.5	50	2	59	14	-780	17.0
15.0	54	3	63	3	-680	16.4
17.5	51	5	60	5	-470	15.8
20.0	51	1	61	1	-110	15.0
22.5	48	5	58	5	-80	14.3
25.0	54	6	62	5	30	13.7
27.5	58	6	68	6	40	13.0
30.0	65	7	74	6	50	12.5
32.5	65	-7	74	-8	90	12.0
35.0	63	2	72	1	120	11.0
37.5	62	-1	72	-2	190	11.8
40.0	51	-5	61	-6	230	11.0
42.5	51	-8	60	-10	230	10.5
45.0	49	-1	59	-2	240	10.0
47.5	53	10	62	9	250	9.6
50.0	39	8	49	7	280	9.4

/DORA / 640905 / 9890 / 715 / 1303-1326 / I / 24 / 62 / 103 /

/10 / 320 / 90 / W / 8 / 260 / 8 / 971 / 76 / 82 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	2	22	7	-930	16.4
7.5	43	-12	48	-4	-880	16.0
10.0	55	-5	60	3	-810	15.7
12.5	53	-8	58	1	-720	15.0
15.0	54	-4	57	4	-640	15.2
17.5	51	-8	58	0	-580	14.5
20.0	51	-13	60	-6	-530	14.4
22.5	52	11	58	-3	-470	14.6
25.0	64	-8	70	-1	-430	15.0
27.5	62	-2	68	6	-380	13.7
30.0	66	-6	72	1	-340	12.1
32.5	76	-8	82	0	-280	11.2
35.0	61	-14	69	-7	-260	11.1
37.5	61	-15	67	-8	-200	11.3
40.0	58	-6	63	1	-170	11.5
42.5	56	-2	60	5	-130	11.0
45.0	53	-2	59	5	-90	10.5
47.5	53	-5	58	2	-70	10.1
50.0	49	-1	57	6	-60	9.8

STORM 14

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640905	9880	715	1326-1340	O	24	62	320	10	90	E	5	120	98	8	971	97	30.0	88
DORA	640905	9880	715	1541-1557	I	24	62	320	10	295	SE	5	125	99	15	966	86	27.5	79
DORA	640905	9880	715	1455-1516	I	24	62	320	10	45	SE	5	140	100	15	966	79	27.5	78
DORA	640905	9880	715	1512-1530	O	24	62	320	10	180	S	6	170	101	15	966	80	27.5	70
DORA	640905	9880	715	1320-1343	I	24	62	320	10	85	W	8	260	102	8	971	98	27.5	89
DORA	640905	9880	715	1303-1326	I	24	62	320	10	90	W	8	260	103	8	971	76	32.5	82
DORA	640905	9880	715	1557-1603	O	24	62	320	10	330	NW	1	330	104	16	963	65	30.0	74

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	29	1	28	4	-938	15.9	906
7.5	53	3	52	4	-893	15.9	2979
10.0	61	7	58	8	-810	15.3	3854
12.5	65	5	62	9	-739	14.9	4378
15.0	65	4	63	4	-650	14.3	4373
17.5	64	5	61	5	-546	14.0	4239
20.0	63	2	62	2	-401	13.6	4125
22.5	64	6	63	4	-357	13.3	4365
25.0	71	6	69	6	-290	13.0	5269
27.5	77	6	76	7	-256	12.5	6289
30.0	77	5	76	6	-213	11.7	6176
32.5	77	1	76	1	-177	11.2	6160
35.0	73	1	72	1	-134	10.7	5477
37.5	73	2	71	2	-84	10.9	5490
40.0	67	-1	66	-1	-47	10.6	4768
42.5	65	1	63	1	-39	10.3	4379
45.0	61	9	63	9	2	10.1	3923
47.5	61	3	64	5	19	10.0	3894
50.0	52	-0	58	4	25	10.5	2948

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	37	2	36	4	-923	15.9	1657
7.5	51	4	49	5	-880	15.7	2867
10.0	59	6	57	7	-810	15.3	3738
12.5	63	5	61	7	-735	14.9	4217
15.0	64	4	62	5	-645	14.4	4301
17.5	64	4	62	4	-535	14.0	4226
20.0	63	4	62	3	-423	13.7	4211
22.5	66	5	64	4	-357	13.3	4553
25.0	71	6	69	6	-298	12.9	5345
27.5	76	6	74	6	-256	12.4	6025
30.0	77	4	76	5	-215	11.7	6134
32.5	76	1	75	2	-176	11.2	5983
35.0	74	1	72	1	-132	10.9	5607
37.5	72	1	70	1	-87	10.8	5339
40.0	68	-0	66	-0	-55	10.6	4814
42.5	65	2	63	2	-36	10.3	4398
45.0	63	7	64	7	-2	10.1	4151
47.5	59	3	63	6	16	10.0	3720
50.0	54	-1	60	4	18	10.5	3046

STORM / DATE / PRES ALT FEET / PRES MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG / OCTANT NOTH/STM/ AZMTH ANGLE/EYERAD/ IN RDR CENT PRES/ACTUAL/REL / MAX WINDS MAX WD/ RADIUS

STORM 14
LEVEL 2

/DORA / 640905 / 13800 / 618 / 1720-1735 / I / 24 / 62 / 105 //DORA / 640905 / 13800 / 618 / 1829-1840 / O / 24 / 62 / 107 / /DORA / 640905 / 13800 / 618 / 1813-1830 / I / 24 / 62 / 109 /

/10 / 320 / 215 / NE / 3 / 52 / 18 / 960 / 80 / 83 / 25.0 /10 / 320 / 90 / E / 4 / 90 / 18 / 960 / 73 / 79 / 22.5 /10 / 320 / 110 / W / 8 / 280 / 18 / 960 / 91 / 84 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	29	-11	37	-4	-440	9.5	5.0	26	-4	38	2	-600	11.0	5.0	42	1	31	-1	-460	7.4
7.5	41	-11	44	-2	-390	8.4	7.5	37	-3	44	3	-540	11.5	7.5	47	2	36	0	-380	6.9
10.0	42	-7	49	0	-340	7.7	10.0	52	2	58	0	-480	11.4	10.0	51	5	42	1	-330	6.7
12.5	56	-15	56	-2	-300	7.1	12.5	55	0	59	-1	-400	10.6	12.5	48	1	40	-1	-280	6.3
15.0	64	-17	66	-5	-240	6.9	15.0	50	-4	54	1	-390	9.5	15.0	60	3	53	1	-220	5.6
17.5	64	-17	68	-5	-180	6.4	17.5	50	-5	54	4	-330	9.1	17.5	68	6	63	5	-160	6.1
20.0	65	-15	73	-8	-140	5.7	20.0	65	-3	71	-2	-270	9.2	20.0	91	4	84	-7	-70	5.4
22.5	77	-46	81	-35	-100	5.6	22.5	73	-5	79	-2	-200	9.0	22.5	85	5	78	-2	-10	4.8
25.0	80	-37	83	-32	-60	5.4	25.0	73	-4	79	-3	-160	8.5	25.0	86	14	77	11	50	4.6
27.5	77	-34	81	-21	20	5.7	27.5	63	-13	70	-7	-120	7.6	27.5	80	15	71	10	100	4.0
30.0	79	-24	81	-15	70	5.3	30.0	62	-8	69	-5	-70	7.2	30.0	76	11	68	7	130	3.9
32.5	71	-28	75	-16	110	5.0	32.5	62	-3	71	-7	-30	6.9	32.5	76	16	69	5	160	3.8
35.0	70	-27	68	-17	140	5.2	35.0	62	-14	71	-15	30	5.9	35.0	72	16	65	5	190	4.0
37.5	65	-28	64	-17	180	5.0	37.5	53	-25	60	-17	50	4.3	37.5	74	8	67	4	200	4.2
40.0	59	-23	62	13	200	5.1	40.0	999	999	999	999	999	999.0	40.0	67	7	60	5	210	4.8
42.5	60	-21	61	-12	220	5.3	42.5	999	999	999	999	999	999.0	42.5	999	999	999	999	999	999.0
45.0	60	-14	60	-10	240	5.6	45.0	999	999	999	999	999	999.0	45.0	999	999	999	999	999	999.0
47.5	65	-16	63	-7	270	5.9	47.5	999	999	999	999	999	999.0	47.5	999	999	999	999	999	999.0
50.0	65	-14	64	-5	300	5.6	50.0	999	999	999	999	999	999.0	50.0	999	999	999	999	999	999.0

/DORA / 640905 / 13800 / 618 / 1842-1857 / I / 24 / 62 / 106 //DORA / 640905 / 13800 / 618 / 1857-1901 / O / 24 / 62 / 108 / /DORA / 640905 / 13800 / 618 / 1744-1800 / O / 24 / 62 / 110 /

/10 / 320 / 245 / E / 4 / 75 / 20 / 957 / 72 / 78 / 22.5 /10 / 320 / 110 / SE / 4 / 110 / 20 / 957 / 73 / 80 / 25.0 /10 / 320 / 350 / N / 2 / 356 / 18 / 960 / 95 / 88 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	-8	23	-3	-580	11.0	5.0	27	-4	35	0	-560	9.0	5.0	40	-11	33	-2	-440	9.4
7.5	27	-4	33	3	-540	10.1	7.5	36	1	44	3	-500	9.0	7.5	56	0	50	9	-410	8.8
10.0	44	7	49	7	-490	9.6	10.0	44	-5	52	-1	-440	8.9	10.0	59	2	52	7	-350	8.6
12.5	58	-17	68	5	-410	9.9	12.5	47	0	55	4	-400	8.7	12.5	67	2	62	11	-300	7.9
15.0	63	-4	71	2	-350	9.7	15.0	49	-3	57	-3	-350	9.0	15.0	72	-1	64	8	-240	6.7
17.5	65	-4	72	1	-300	9.2	17.5	52	-10	64	-4	-300	9.8	17.5	73	-11	65	5	-180	6.0
20.0	60	-7	67	3	-240	8.4	20.0	63	-7	69	-5	-260	9.8	20.0	75	-9	68	1	-120	5.2
22.5	72	-9	78	-1	-180	7.4	22.5	62	-4	70	-3	-200	9.0	22.5	92	-16	85	-4	-60	4.6
25.0	69	-13	76	-4	-110	6.4	25.0	73	2	80	-5	-170	7.8	25.0	95	-14	88	-7	-20	4.4
27.5	68	-13	74	-7	-80	6.3	27.5	64	-16	72	-7	-110	6.6	27.5	89	-17	84	-10	30	4.5
30.0	72	-3	78	-7	-50	6.0	30.0	68	-11	76	-6	-70	5.5	30.0	89	-14	83	-11	70	4.3
32.5	62	-15	69	2	-10	5.0	32.5	66	-9	74	-5	-20	4.9	32.5	87	-9	82	-7	110	4.3
35.0	52	-27	71	7	30	3.9	35.0	65	-11	69	-7	30	4.4	35.0	82	-8	76	-3	130	4.4
37.5	64	-29	69	-13	40	3.8	37.5	60	-11	67	-6	60	4.4	37.5	81	-11	75	-5	160	4.4
40.0	999	999	999	999	999	999.0	40.0	63	-10	70	-6	80	4.4	40.0	78	-12	70	-4	180	4.2
42.5	999	999	999	999	999	999.0	42.5	57	-6	66	-4	120	4.5	42.5	76	-10	69	-4	200	4.2
45.0	999	999	999	999	999	999.0	45.0	63	-3	67	-2	140	4.9	45.0	75	-8	68	-2	240	4.1
47.5	999	999	999	999	999	999.0	47.5	61	-6	64	-3	170	5.0	47.5	74	-11	66	-4	250	4.2
50.0	999	999	999	999	999	999.0	50.0	54	-1	61	1	180	4.0	50.0	74	-15	65	-8	270	4.0

STORM 14

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640905	13900	618	1720-1735	I	24	62	320	10	215	NE	3	52	105	18	960	80	25.0	83
DORA	640905	13900	618	1842-1857	I	24	62	320	10	245	E	4	75	106	20	957	72	22.5	78
DORA	640905	13900	618	1829-1840	O	24	62	320	10	90	E	4	90	107	18	960	73	22.5	79
DORA	640905	13900	618	1857-1901	O	24	62	320	10	110	SE	4	110	108	20	957	73	25.0	80
DORA	640905	13900	618	1813-1830	I	24	62	320	10	110	W	8	280	109	18	960	91	20.0	84
DORA	640905	13900	618	1744-1800	O	24	62	320	10	350	N	2	356	110	18	960	95	25.0	88

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	34	-4	32	-1	-493	8.8	1227
7.5	43	-0	41	2	-434	8.4	1961
10.0	49	0	48	1	-377	8.1	2464
12.5	52	-1	52	2	-330	7.7	2861
15.0	59	-2	58	0	-274	7.2	3594
17.5	63	-4	64	1	-218	7.5	4064
20.0	74	-4	74	-4	-155	6.9	5766
22.5	78	-8	77	-6	-97	6.3	6217
25.0	82	-2	80	-2	-51	5.8	6800
27.5	75	-7	74	-3	2	5.3	5807
30.0	75	-4	74	-3	40	4.8	5773
32.5	73	-2	73	-2	79	4.5	5453
35.0	70	-3	69	-2	115	4.4	5046
37.5	69	-7	67	-4	137	4.4	4840
40.0	66	-6	65	1	161	4.6	4457
42.5	65	-10	66	-5	169	4.5	4364
45.0	67	-6	66	-3	197	4.7	4605
47.5	67	-9	64	-4	219	4.8	4536
50.0	64	-8	63	-3	236	4.3	4197

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	37	-3	35	0	-473	8.6	1471
7.5	43	-1	41	1	-430	8.4	1964
10.0	48	-0	47	1	-378	8.1	2439
12.5	53	-1	52	2	-328	7.7	2939
15.0	59	-2	58	1	-274	7.4	3548
17.5	65	-4	65	-0	-216	7.3	4360
20.0	73	-5	72	-3	-156	6.9	5528
22.5	77	-5	77	-4	-100	6.3	6191
25.0	79	-4	78	-3	-50	5.8	6399
27.5	76	-6	75	-3	-1	5.3	5947
30.0	75	-4	74	-3	39	4.9	5737
32.5	73	-3	72	-2	78	4.6	5422
35.0	70	-4	69	-3	111	4.4	5088
37.5	68	-7	67	-3	134	4.4	4802
40.0	66	-6	65	-0	161	4.6	4507
42.5	66	-9	66	-4	169	4.5	4516
45.0	67	-8	66	-3	196	4.7	4565
47.5	66	-9	64	-3	217	4.6	4459
50.0	64	-9	63	-3	230	4.4	4284

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PER CENT PRES/ACTUAL/REL / MAX WINDS /MAX WD/ RADIUS

STORM 14

LEVEL 3

/DORA / 640907 / 9880 / 715 / 1518-1539 / 0 / 28 / 69 / 111 /

/10 / 285 / 10 / N / 3 / 10 / 14 / 964 / 65 / 63 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	1	21	-4	-850	16.8
7.5	22	9	28	-1	-830	16.8
10.0	49	11	53	1	-780	16.4
12.5	54	12	58	1	-740	15.5
15.0	56	8	58	-4	-680	14.3
17.5	57	12	59	1	-640	13.8
20.0	59	9	60	-2	-600	13.6
22.5	60	11	61	-1	-560	13.4
25.0	65	13	63	2	-520	13.7
27.5	61	13	61	1	-480	13.2
30.0	61	17	62	6	-440	13.2
32.5	61	17	64	5	-400	13.2
35.0	67	16	67	5	-370	13.0
37.5	67	20	65	8	-340	12.9
40.0	65	19	63	7	-310	12.8
42.5	64	20	63	8	-280	13.0
45.0	65	19	62	7	-260	13.4
47.5	56	19	61	7	-240	13.1
50.0	63	21	61	10	-210	12.4

/DORA / 640907 / 9880 / 715 / 1249-1320 / 0 / 28 / 69 / 113 /

/10 / 285 / 65 / NE / 4 / 65 / 14 / 964 / 75 / 64 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	9	15	2	-830	16.1
7.5	39	11	33	2	-810	16.3
10.0	51	9	40	0	-790	15.8
12.5	58	15	53	5	-740	15.2
15.0	70	12	58	3	-680	14.2
17.5	66	4	60	-3	-640	13.4
20.0	69	7	62	-1	-570	13.3
22.5	72	4	63	-4	-530	12.3
25.0	75	5	64	-3	-500	12.6
27.5	75	6	64	1	-460	13.0
30.0	73	7	64	-1	-420	13.1
32.5	73	8	63	2	-400	13.0
35.0	72	9	63	2	-370	13.0
37.5	73	13	63	4	-340	12.7
40.0	73	11	64	4	-310	12.3
42.5	71	13	64	8	-290	12.5
45.0	72	17	63	10	-260	12.5
47.5	67	10	63	11	-240	12.5
50.0	75	20	65	13	-230	12.4

/DORA / 640907 / 9880 / 715 / 1438-1500 / 0 / 28 / 69 / 115 /

/10 / 285 / 215 / SW / 8 / 215 / 13 / 962 / 66 / 69 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	7	-5	12	-3	-840	16.6
7.5	27	-23	32	-3	-840	16.8
10.0	44	-11	49	-2	-800	16.8
12.5	57	-9	62	-4	-760	16.7
15.0	57	-9	62	1	-700	16.0
17.5	57	-9	62	3	-650	15.2
20.0	54	-9	60	1	-610	14.1
22.5	58	-11	62	2	-580	14.2
25.0	57	-11	61	0	-550	14.5
27.5	60	-11	64	4	-510	14.9
30.0	61	-10	64	1	-480	14.8
32.5	59	-7	63	3	-440	14.7
35.0	61	-10	64	1	-410	14.4
37.5	61	-7	66	1	-390	14.5
40.0	66	-9	69	2	-370	14.4
42.5	66	-9	69	-1	-340	14.2
45.0	66	-12	69	-1	-300	13.8
47.5	65	6	68	4	-280	13.7
50.0	61	-8	65	2	-260	14.0

/DORA / 640907 / 9880 / 715 / 1415-1440 / 1 / 28 / 69 / 112 /

/10 / 285 / 200 / N / 3 / 20 / 14 / 964 / 72 / 70 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	1	3	12	-5	-820	15.7
7.5	21	9	31	-1	-800	15.0
10.0	41	13	43	1	-770	14.5
12.5	56	18	57	4	-750	13.8
15.0	57	17	61	5	-700	13.3
17.5	62	21	61	9	-640	12.9
20.0	61	14	62	2	-590	12.5
22.5	66	16	64	6	-550	12.3
25.0	67	17	67	5	-500	12.4
27.5	72	13	70	4	-460	12.7
30.0	71	21	69	9	-430	12.7
32.5	66	22	66	11	-390	12.7
35.0	67	25	65	14	-360	12.8
37.5	68	24	67	12	-320	12.8
40.0	66	21	66	9	-280	12.6
42.5	68	19	65	8	-260	12.4
45.0	64	21	62	9	-230	12.5
47.5	62	21	61	10	-210	12.4
50.0	63	25	64	13	-210	12.5

/DORA / 640907 / 9880 / 715 / 1500-1520 / 1 / 28 / 69 / 114 /

/10 / 285 / 25 / SW / 8 / 210 / 13 / 962 / 72 / 74 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	7	-1	17	0	-850	17.2
7.5	22	-6	31	1	-840	17.1
10.0	31	-4	36	5	-820	16.7
12.5	34	0	40	8	-810	16.4
15.0	43	-4	52	6	-770	16.2
17.5	64	-2	69	5	-720	15.9
20.0	72	-6	74	2	-660	15.6
22.5	72	-4	73	5	-610	15.4
25.0	68	-5	73	5	-570	15.3
27.5	71	-8	72	3	-530	15.4
30.0	67	-7	71	4	-480	15.3
32.5	67	-7	70	4	-460	15.1
35.0	64	-9	68	2	-420	14.8
37.5	64	-10	67	1	-380	14.5
40.0	68	-12	69	-1	-360	14.3
42.5	68	-12	71	1	-350	14.1
45.0	67	-13	70	-2	-320	13.8
47.5	64	-9	69	1	-290	13.8
50.0	65	-5	68	6	-270	13.7

/DORA / 640907 / 9880 / 715 / 1220-1249 / 1 / 28 / 69 / 116 /

/10 / 285 / 70 / W / 8 / 250 / 14 / 964 / 59 / 68 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	-9	17	4	-850	15.6
7.5	18	-10	30	1	-830	15.8
10.0	27	-8	38	-2	-810	16.3
12.5	38	-9	47	-5	-780	16.4
15.0	54	-13	60	-7	-740	15.6
17.5	54	-9	66	-3	-690	15.2
20.0	59	-12	68	-6	-640	15.1
22.5	56	-15	66	-7	-590	14.9
25.0	51	-21	64	-15	-550	14.6
27.5	56	-13	62	-8	-510	14.6
30.0	54	-6	63	0	-570	14.7
32.5	50	-11	65	-5	-430	14.4
35.0	58	-7	66	-2	-390	13.8
37.5	57	-9	66	-2	-360	13.2
40.0	56	-11	66	-5	-340	13.0
42.5	57	-9	66	-4	-310	13.6
45.0	56	-13	68	-8	-280	13.7
47.5	59	-11	70	-4	-260	13.2
50.0	61	-10	69	-3	-240	12.8

STORM 14

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640907	9880	715	1519-1539	O	28	69	285	10	10	N	3	10	111	14	964	65	25.0	63
DORA	640907	9880	715	1419-1440	I	28	69	285	10	200	N	3	20	112	14	964	72	27.5	70
DORA	640907	9880	715	1249-1320	O	28	69	285	10	65	NE	4	65	113	14	964	75	25.0	64
DORA	640907	9880	715	1500-1520	I	28	69	285	10	25	SW	8	210	114	13	962	72	20.0	74
DORA	640907	9880	715	1439-1500	O	28	69	285	10	215	SW	8	215	115	13	962	66	40.0	69
DORA	640907	9880	715	1220-1249	I	28	69	285	10	70	W	8	250	116	14	964	59	20.0	68

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	11	0	16	0	-841	16.3	172
7.5	25	0	30	0	-825	16.4	733
10.0	40	2	41	0	-797	16.2	1712
12.5	47	5	50	2	-765	15.7	2385
15.0	56	1	57	0	-714	15.0	3300
17.5	60	1	63	0	-667	14.4	3691
20.0	64	0	65	-1	-612	14.2	4160
22.5	65	-0	65	-1	-569	13.8	4292
25.0	64	-1	65	-2	-531	13.9	4293
27.5	66	-0	65	-0	-491	14.0	4477
30.0	64	3	65	2	-472	14.0	4232
32.5	65	2	65	2	-420	13.8	4288
35.0	65	3	65	2	-386	13.6	4305
37.5	65	4	65	3	-353	13.3	4329
40.0	65	2	65	1	-327	13.1	4382
42.5	65	3	66	3	-305	13.2	4327
45.0	65	3	65	2	-276	13.3	4296
47.5	62	3	65	4	-254	13.1	3881
50.0	66	7	65	6	-237	12.9	4392

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	0	21	0	-836	16.4	359
7.5	27	0	31	0	-821	16.3	884
10.0	38	2	41	1	-795	16.1	1674
12.5	47	3	50	1	-759	15.6	2436
15.0	55	2	57	0	-714	15.0	3182
17.5	60	1	62	0	-665	14.5	3681
20.0	63	0	64	-0	-615	14.2	4073
22.5	64	-0	65	-1	-571	13.9	4238
25.0	65	-0	65	-1	-531	13.9	4325
27.5	65	0	65	0	-496	14.0	4378
30.0	65	2	65	1	-465	13.9	4283
32.5	65	2	65	2	-423	13.8	4291
35.0	65	3	65	2	-387	13.6	4308
37.5	65	3	65	2	-355	13.3	4337
40.0	65	3	65	2	-329	13.2	4357
42.5	65	3	65	2	-304	13.2	4327
45.0	64	3	65	3	-278	13.2	4200
47.5	63	4	65	4	-256	13.1	4089
50.0	65	6	65	6	-243	12.9	4291

STORM 14
LEVEL 4

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN PCT CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYEPAD/ PRES/ACTUAL/REL /MAX WD/

/DORA / 640907 / 9880 / 715 / 1756-1810 / 1 / 28 / 69 / 121 /

/10 / 285 / 290 / E / 5 / 100 / 15 / 958 / 69 / 69 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	12	-8	20	1	-870	15.8
7.5	34	-6	33	2	-850	15.2
10.0	40	-5	39	7	-820	14.8
12.5	47	-1	46	10	-790	14.8
15.0	50	-1	53	10	-760	14.8
17.5	62	0	61	10	-720	14.5
20.0	63	-7	62	5	-660	14.2
22.5	65	-6	64	7	-620	14.4
25.0	64	-9	64	4	-580	14.6
27.5	63	1	65	8	-550	14.8
30.0	65	-9	66	3	-510	14.9
32.5	69	-12	69	-2	-470	15.0
35.0	68	-14	68	-2	-450	15.0
37.5	66	-14	67	2	-420	14.6
40.0	64	-10	65	-2	-380	14.3
42.5	60	1	63	7	-340	14.2
45.0	62	-9	63	2	-310	14.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/DORA / 640907 / 9880 / 715 / 1713-1730 / 0 / 28 / 69 / 122 /

/10 / 285 / 110 / SE / 5 / 110 / 15 / 960 / 66 / 67 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	0	-25	7	-16	-840	16.4
7.5	19	-11	25	-1	-820	16.2
10.0	40	4	41	4	-800	16.1
12.5	51	4	50	2	-770	16.2
15.0	58	3	57	3	-730	16.2
17.5	54	2	52	0	-670	16.2
20.0	51	0	50	1	-650	15.7
22.5	55	5	53	3	-610	15.3
25.0	52	-7	55	6	-580	15.1
27.5	57	-8	60	0	-540	15.0
30.0	60	-12	64	0	-510	15.1
32.5	66	-13	67	2	-470	15.1
35.0	65	-13	67	-1	-440	13.9
37.5	64	-10	65	1	-410	14.7
40.0	64	-10	64	2	-360	14.4
42.5	60	-11	62	1	-330	14.3
45.0	59	-3	61	9	-310	14.2
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/DORA / 640907 / 9880 / 715 / 1557-1610 / 0 / 28 / 69 / 117 /

/10 / 285 / 110 / SE / 5 / 110 / 13 / 960 / 68 / 69 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	19	-12	17	-1	-840	16.4
7.5	22	-15	31	-4	-830	16.8
10.0	44	-21	45	-9	-800	16.4
12.5	57	-18	55	-5	-750	16.2
15.0	58	-10	59	1	-700	15.9
17.5	60	-13	62	-3	-550	15.2
20.0	64	-6	65	5	-610	15.0
22.5	64	-10	65	2	-550	15.3
25.0	64	-13	64	-1	-530	15.3
27.5	60	-14	62	-1	-500	15.6
30.0	62	-14	64	-1	-450	15.6
32.5	66	-13	66	-3	-420	15.1
35.0	66	-19	67	-8	-390	14.6
37.5	68	-19	69	-6	-360	14.0
40.0	68	-16	69	-5	-350	13.3
42.5	65	-13	68	-3	-330	13.2
45.0	65	-9	67	2	-290	13.0
47.5	66	-1	67	7	-280	13.1
50.0	999	999	999	999	999	999.0

/DORA / 640907 / 9880 / 715 / 1617-1630 / 1 / 28 / 69 / 118 /

/10 / 285 / 300 / SE / 5 / 120 / 13 / 960 / 87 / 92 / 42.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	9	-9	18	-1	-860	16.4
7.5	19	-8	28	-1	-850	16.4
10.0	29	-8	36	2	-840	16.4
12.5	63	7	56	3	-820	16.4
15.0	62	-15	69	-5	-770	16.8
17.5	63	-11	69	-9	-700	16.8
20.0	73	11	75	22	-650	16.6
22.5	77	8	77	5	-600	16.1
25.0	68	-14	71	-2	-550	15.6
27.5	70	-3	70	4	-510	15.4
30.0	63	-18	64	-7	-470	15.2
32.5	73	-3	74	32	-430	15.4
35.0	76	26	81	38	-390	14.8
37.5	81	15	89	34	-370	13.5
40.0	95	22	91	34	-340	13.1
42.5	87	24	92	23	-310	13.2
45.0	70	-10	75	1	-290	13.5
47.5	71	1	76	12	-270	13.7
50.0	999	999	999	999	999	999.0

STORM 14

LEVEL 4

STORM	DATE	PRES ALT FEET	PRES ALT MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE	IN RDR CENT /EYERAD/	MAX WINDS PRES	ACTUAL	REL	RADIUS /MAX WD/

/DORA / 640907 / 9880 / 715 / 1540-1600 / I / 28 / 69 / 119

/10 / 285 / 90 / W / 1 / 275 / 13 / 960 / 70 / 68 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	4	8	10	-4	-840	15.6
7.5	26	10	29	-4	-820	15.0
10.0	35	19	39	6	-790	14.9
12.5	46	20	50	4	-750	15.2
15.0	55	37	56	8	-690	15.1
17.5	50	18	56	6	-640	14.4
20.0	56	15	58	3	-610	13.9
22.5	56	14	57	3	-590	13.6
25.0	60	12	55	7	-540	13.1
27.5	59	12	56	0	-500	13.0
30.0	61	7	64	-5	-470	12.7
32.5	70	16	68	4	-430	12.4
35.0	67	22	67	10	-380	12.1
37.5	70	18	68	8	-350	12.2
40.0	67	20	67	9	-310	12.3
42.5	66	19	67	7	-270	12.4
45.0	65	19	65	8	-250	12.3
47.5	65	16	64	3	-230	12.2
50.0	67	17	64	5	-220	12.3

/DORA / 640907 / 9880 / 715 / 1630-1654 / O / 28 / 69 / 120

/10 / 285 / 290 / NW / 1 / 290 / 15 / 960 / 87 / 88 / 45.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	10	16	-2	-840	16.6
7.5	33	12	33	-2	-820	16.4
10.0	45	11	42	-1	-780	15.7
12.5	60	10	53	-3	-740	14.6
15.0	64	10	61	-2	-690	13.4
17.5	65	13	63	-1	-640	12.9
20.0	64	13	65	1	-590	12.7
22.5	63	12	65	0	-550	12.8
25.0	62	13	62	1	-520	13.1
27.5	66	12	62	0	-490	13.3
30.0	62	10	60	-1	-460	13.1
32.5	62	12	59	1	-430	13.1
35.0	67	13	67	1	-420	12.9
37.5	70	13	72	0	-400	12.6
40.0	69	12	70	0	-350	12.7
42.5	65	24	68	9	-320	12.7
45.0	87	23	88	11	-280	12.5
47.5	85	22	83	14	-240	12.3
50.0	83	25	79	13	-220	12.1

/DORA / 640907 / 9890 / 715 / 1810-1830 / O / 28 / 69 / 123

/10 / 285 / 300 / W / 1 / 285 / 13 / 956 / 81 / 81 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	5	-9	12	-5	-880	16.4
7.5	16	6	25	3	-870	16.3
10.0	30	12	33	3	-830	15.2
12.5	55	22	55	10	-770	14.2
15.0	57	14	55	3	-710	13.5
17.5	51	12	51	0	-670	13.6
20.0	52	12	52	0	-640	13.4
22.5	56	9	54	-2	-590	13.6
25.0	55	9	55	-2	-550	13.6
27.5	56	9	56	-7	-520	13.5
30.0	59	5	58	-7	-580	13.6
32.5	61	3	60	-7	-450	13.6
35.0	59	4	59	-6	-420	13.4
37.5	61	9	58	-3	-390	12.8
40.0	57	6	56	-5	-360	12.6
42.5	56	12	56	0	-350	12.4
45.0	59	13	60	1	-330	12.3
47.5	71	26	73	18	-290	12.2
50.0	91	32	81	21	-260	12.1

/DORA / 640907 / 9880 / 715 / 1655-1713 / I / 29 / 69 / 124

/10 / 285 / 110 / W / 1 / 290 / 15 / 960 / 89 / 87 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	11	12	-1	-830	15.2
7.5	27	13	29	0	-810	14.7
10.0	40	14	40	2	-790	14.8
12.5	55	19	50	5	-760	14.7
15.0	58	16	57	5	-730	14.7
17.5	59	14	60	4	-680	14.0
20.0	65	16	62	4	-640	13.3
22.5	64	16	64	4	-580	12.9
25.0	66	19	65	8	-540	12.8
27.5	67	14	66	0	-490	13.0
30.0	70	12	66	-1	-460	13.2
32.5	69	9	65	-2	-420	13.1
35.0	65	12	62	1	-390	12.9
37.5	64	16	63	4	-370	12.8
40.0	70	16	69	4	-350	12.8
42.5	66	20	66	6	-330	12.7
45.0	75	35	74	21	-310	12.5
47.5	88	37	86	23	-270	12.3
50.0	89	30	89	18	-220	12.3

STORM 14

LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	OSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640907	9830	715	1756-1810	I	28	69	285	10	290	E	5	100	121	15	958	69	32.5	69
DORA	640907	9830	715	1657-1610	O	28	69	285	10	110	SE	5	110	117	13	960	68	37.5	69
DORA	640907	9830	715	1713-1730	O	28	69	285	10	110	SE	5	110	122	15	960	66	32.5	67
DORA	640907	9830	715	1617-1630	I	28	69	285	10	300	SE	5	120	118	13	960	87	42.5	92
DORA	640907	9830	715	1540-1600	I	28	69	285	10	90	W	1	275	119	13	960	70	32.5	68
DORA	640907	9830	715	1910-1830	O	28	69	285	10	300	W	1	285	123	13	956	81	50.0	81
DORA	640907	9830	715	1630-1654	O	28	69	285	10	290	NW	1	290	120	15	960	87	45.0	68
DORA	640907	9830	715	1655-1713	I	28	69	285	10	110	W	1	290	124	15	960	89	50.0	87

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	9	-0	14	-1	-850	15.8	88
7.5	26	1	29	-0	-833	15.4	723
10.0	36	4	38	4	-809	15.2	1333
12.5	52	10	50	5	-779	15.3	2830
15.0	56	8	58	4	-736	15.3	3192
17.5	58	5	61	2	-682	14.9	3439
20.0	63	8	63	8	-639	14.5	4107
22.5	65	7	65	4	-596	14.2	4292
25.0	64	1	63	4	-552	14.0	4121
27.5	64	5	63	2	-513	14.1	4163
30.0	64	-2	64	-2	-480	14.0	4178
32.5	69	1	68	7	-438	14.0	4883
35.0	68	10	69	10	-404	13.7	4728
37.5	69	7	71	10	-378	13.3	4915
40.0	70	10	72	10	-346	13.2	5087
42.5	68	14	71	10	-314	13.1	4864
45.0	67	8	68	7	-291	13.1	4612
47.5	72	13	73	11	-263	12.8	5364
50.0	77	23	76	11	-220	12.3	6193

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	14	0	19	-1	-844	15.6	299
7.5	25	2	29	0	-830	15.4	769
10.0	37	5	39	3	-807	15.3	1566
12.5	49	8	49	4	-775	15.3	2602
15.0	55	7	56	4	-732	15.2	3101
17.5	58	6	60	4	-684	14.9	3522
20.0	62	7	63	6	-640	14.5	4007
22.5	64	6	64	4	-596	14.3	4178
25.0	64	3	63	3	-553	14.1	4146
27.5	64	3	64	1	-515	14.1	4162
30.0	65	0	65	1	-478	14.0	4350
32.5	68	3	68	6	-439	13.9	4711
35.0	68	7	69	9	-406	13.7	4771
37.5	69	8	70	10	-377	13.4	4922
40.0	70	11	71	10	-346	13.2	4990
42.5	68	12	70	9	-316	13.1	4833
45.0	68	10	70	8	-293	13.1	4807
47.5	72	12	73	10	-266	12.9	5300
50.0	77	24	75	11	-230	12.3	6059

STORM 14

LEVEL 5

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PER CENT PRES/ACTUAL/REL / MAX WINDS MAX WD/ RADIUS

/DORA / 640907 / 11790 / 667 / 1404-1425 / I / 28 / 69 / 129 /

/10 / 285 / 200 / N / 3 / 15 / 14 / 964 / 73 / 75 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	-11	13	0	-960	13.7
7.5	25	-12	30	0	-920	14.1
10.0	44	-6	42	6	-900	13.5
12.5	62	-2	54	7	-850	13.0
15.0	57	-5	58	7	-780	12.3
17.5	52	-10	56	2	-750	11.1
20.0	52	-7	55	3	-700	10.8
22.5	55	-9	57	1	-650	10.2
25.0	59	-9	62	2	-590	9.9
27.5	73	-13	75	-1	-570	10.0
30.0	60	-13	60	-1	-540	10.2
32.5	57	-17	60	-3	-500	10.1
35.0	64	-17	62	-8	-490	10.0
37.5	58	-19	63	-9	-450	9.9
40.0	62	-22	69	-11	-380	9.6
42.5	63	-30	68	-17	-370	9.4
45.0	59	-27	64	-15	-360	9.2
47.5	61	-21	67	-9	-320	8.9
50.0	64	-19	69	-7	-270	8.7

/DORA / 640907 / 11780 / 667 / 1621-1637 / I / 28 / 69 / 137 /

/10 / 285 / 210 / N / 3 / 25 / 13 / 960 / 70 / 69 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	-10	14	2	-940	13.0
7.5	20	-8	26	3	-920	13.5
10.0	30	-8	34	3	-900	13.8
12.5	37	-9	38	2	-890	14.2
15.0	50	-11	48	0	-840	15.1
17.5	55	-15	56	-3	-790	14.6
20.0	55	-12	58	-1	-730	14.0
22.5	55	-10	58	0	-680	13.6
25.0	57	-14	60	-2	-640	13.2
27.5	60	-15	64	-3	-590	12.8
30.0	62	-13	65	0	-540	12.6
32.5	62	-11	64	0	-490	12.3
35.0	57	-12	60	-1	-470	11.7
37.5	55	-12	60	1	-460	10.8
40.0	55	-13	60	-1	-420	10.2
42.5	68	-11	68	0	-400	10.4
45.0	67	-9	68	2	-370	10.2
47.5	70	-16	69	-5	-350	10.0
50.0	999	999	999	999	-330	10.4

/DORA / 640907 / 11790 / 667 / 1604-1620 / O / 28 / 69 / 134 /

/10 / 285 / 25 / NE / 3 / 30 / 13 / 960 / 65 / 70 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	-6	18	-4	-890	12.7
7.5	25	-12	30	-4	-890	13.2
10.0	32	-8	40	1	-870	13.7
12.5	35	-9	43	1	-840	13.7
15.0	48	-9	56	1	-790	13.7
17.5	55	-9	64	2	-740	13.2
20.0	64	-7	69	3	-700	13.5
22.5	55	-3	62	5	-660	12.9
25.0	65	-12	70	-1	-620	13.1
27.5	62	-8	64	1	-510	12.8
30.0	60	-9	61	3	-520	13.0
32.5	62	-15	61	-3	-490	12.7
35.0	63	-14	68	-2	-450	12.1
37.5	61	-13	67	-2	-420	12.0
40.0	62	-16	65	-4	-400	11.4
42.5	60	-9	66	1	-390	11.4
45.0	65	-10	70	0	-360	11.5
47.5	65	-11	70	5	-340	11.3
50.0	65	-5	70	6	-320	11.2

/DORA / 640907 / 11780 / 667 / 1514-1530 / I / 28 / 69 / 133 /

/10 / 285 / 205 / N / 3 / 20 / 14 / 960 / 88 / 89 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	-11	14	-1	-900	12.0
7.5	23	-11	25	-1	-890	12.6
10.0	32	-9	34	2	-870	12.4
12.5	50	-5	47	6	-840	12.4
15.0	60	-13	57	-1	-800	12.6
17.5	67	-9	68	2	-750	12.6
20.0	77	-9	74	2	-700	12.2
22.5	85	-13	84	1	-640	12.3
25.0	88	-15	89	-3	-600	12.0
27.5	85	-7	85	3	-550	12.1
30.0	76	-7	78	4	-510	11.8
32.5	67	-4	64	4	-480	11.5
35.0	63	-11	65	0	-470	11.2
37.5	62	-12	66	-3	-440	10.5
40.0	65	-13	71	0	-420	10.2
42.5	65	-14	67	-1	-410	10.2
45.0	67	-11	62	1	-380	9.8
47.5	70	-16	71	-2	-340	9.7
50.0	999	999	999	999	-330	10.0

/DORA / 640907 / 11780 / 667 / 1447-1512 / O / 28 / 69 / 130 /

/10 / 285 / 20 / NE / 3 / 30 / 14 / 960 / 65 / 67 / 42.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	7	-1	13	8	-910	11.8
7.5	15	-5	23	1	-890	11.8
10.0	24	-9	32	1	-890	12.6
12.5	42	-3	40	6	-870	14.2
15.0	50	-7	53	3	-830	13.8
17.5	57	-10	58	1	-780	13.6
20.0	60	-3	66	9	-750	14.0
22.5	60	-1	65	10	-690	13.0
25.0	60	-5	61	6	-640	12.0
27.5	62	-3	63	7	-610	11.8
30.0	60	-3	66	9	-560	12.3
32.5	48	-9	61	6	-530	12.4
35.0	60	-5	61	6	-490	12.0
37.5	60	-6	62	5	-460	11.4
40.0	61	-7	66	4	-430	10.6
42.5	65	-10	67	3	-400	10.0
45.0	65	-6	67	5	-380	10.1
47.5	65	-9	66	1	-350	10.4
50.0	65	-9	65	4	-330	10.0

/DORA / 640907 / 11790 / 667 / 1810-1820 / O / 28 / 69 / 141 /

/10 / 285 / 105 / E / 5 / 105 / 15 / 956 / 63 / 64 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	7	-10	16	-1	-930	13.2
7.5	20	-10	28	1	-910	13.4
10.0	30	-13	39	-2	-880	14.0
12.5	34	-16	44	-2	-850	13.6
15.0	40	-14	49	-3	-810	12.7
17.5	50	-12	51	-3	-750	12.3
20.0	50	-13	51	-2	-710	11.7
22.5	50	-15	57	-4	-670	11.6
25.0	60	-13	60	-2	-640	11.8
27.5	63	-13	64	-7	-600	12.3
30.0	55	-16	60	-3	-570	12.5
32.5	60	-20	59	-6	-540	12.2
35.0	62	-18	61	-8	-500	11.8
37.5	60	-23	60	-13	-460	11.8
40.0	60	-18	60	-6	-420	12.5
42.5	60	-22	60	-11	-410	11.0
45.0	55	-24	57	-13	-380	10.4
47.5	55	-18	56	-6	-360	10.0
50.0	999	999	999	999	999	999.0

STORM 14

LEVEL 5

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN PDR CENT EYERAD	MAX WINDS PRES/ACTUAL	RADIUS /REL /MAX WD

/DORA / 640907 / 11780 / 667 / 1832-1854 / I / 28 / 69 / 142 /

/10 / 285 / 200 / E / 5 / 110 / 15 / 956 / 84 / 88 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	15	1	21	1	-950	12.4
7.5	30	-8	31	-3	-930	12.4
10.0	45	-6	42	3	-890	11.6
12.5	50	-11	48	-1	-870	11.1
15.0	54	17	54	28	-820	10.5
17.5	55	14	60	26	-770	11.0
20.0	60	25	66	36	-720	11.6
22.5	60	13	68	27	-670	11.9
25.0	65	15	69	26	-620	11.6
27.5	75	18	80	24	-580	11.4
30.0	60	10	65	21	-540	11.8
32.5	62	7	69	17	-500	11.6
35.0	63	2	67	13	-470	11.0
37.5	84	5	88	16	-350	10.8
40.0	90	-32	84	-19	-420	10.4
42.5	57	-26	63	-15	-390	10.2
45.0	60	-21	60	-8	-370	9.8
47.5	60	-20	58	-8	-350	9.8
50.0	55	-23	66	-12	-330	9.6

/DORA / 640907 / 11780 / 667 / 1548-1604 / I / 28 / 69 / 135 /

/10 / 285 / 23 / S / 7 / 185 / 14 / 960 / 70 / 70 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	-6	14	-9	-890	12.6
7.5	25	4	26	-2	-870	12.2
10.0	36	16	42	6	-850	12.4
12.5	43	21	44	8	-790	12.4
15.0	50	19	48	7	-750	11.8
17.5	50	17	50	4	-710	11.2
20.0	50	14	50	2	-660	11.0
22.5	52	22	51	5	-620	10.8
25.0	55	17	53	5	-580	10.0
27.5	60	20	56	8	-570	10.0
30.0	64	19	63	5	-550	10.2
32.5	70	19	70	6	-520	9.6
35.0	70	22	70	10	-470	9.0
37.5	67	23	66	11	-430	8.9
40.0	70	19	67	9	-400	8.8
42.5	70	24	69	11	-370	8.8
45.0	70	24	69	12	-340	8.9
47.5	69	27	68	14	-310	8.6
50.0	67	18	64	6	-300	8.4

/DORA / 640907 / 11780 / 667 / 1423-1440 / I / 28 / 69 / 132 /

/10 / 285 / 195 / SW / 7 / 195 / 14 / 962 / 70 / 68 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	15	4	10	-8	-900	12.2
7.5	28	8	24	-3	-910	12.0
10.0	37	11	36	-1	-900	12.2
12.5	55	15	43	3	-860	12.0
15.0	65	11	57	0	-790	11.7
17.5	65	14	58	0	-710	10.9
20.0	62	13	59	1	-650	10.2
22.5	64	13	65	3	-600	10.0
25.0	70	16	68	5	-570	9.5
27.5	70	14	68	2	-540	9.1
30.0	70	21	68	9	-500	9.2
32.5	68	21	66	6	-470	9.4
35.0	65	24	64	12	-440	9.4
37.5	70	20	64	7	-400	9.8
40.0	67	19	64	7	-390	10.2
42.5	65	22	61	9	-380	10.0
45.0	60	20	58	9	-330	9.5
47.5	60	21	56	10	-310	9.2
50.0	60	17	56	5	-300	9.2

/DORA / 640907 / 11780 / 667 / 1442-1457 / I / 28 / 69 / 131 /

/10 / 285 / 20 / S / 6 / 175 / 14 / 962 / 70 / 68 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	5	-5	13	1	-920	13.4
7.5	15	8	23	2	-910	13.2
10.0	35	16	41	7	-860	12.4
12.5	47	19	50	5	-820	11.2
15.0	55	19	56	9	-770	10.6
17.5	59	16	61	6	-720	10.4
20.0	67	21	64	9	-670	10.2
22.5	70	17	68	5	-620	9.9
25.0	63	12	63	0	-570	10.0
27.5	64	18	65	7	-540	9.7
30.0	66	23	65	12	-500	9.0
32.5	67	20	65	8	-450	9.2
35.0	65	20	62	8	-430	10.2
37.5	62	17	61	5	-410	10.8
40.0	60	19	61	6	-380	11.0
42.5	60	17	61	7	-360	10.7
45.0	64	13	60	0	-340	9.7
47.5	62	16	58	7	-320	9.0
50.0	60	19	56	7	-290	9.0

/DORA / 640907 / 11780 / 667 / 1657-1720 / I / 28 / 69 / 138 /

/10 / 285 / 24 / S / 6 / 190 / 15 / 960 / 76 / 78 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	8	16	-3	-900	13.1
7.5	15	7	24	-1	-890	13.0
10.0	28	10	32	2	-870	12.8
12.5	35	15	37	2	-830	12.0
15.0	52	3	51	-8	-800	11.3
17.5	55	6	55	-6	-760	10.7
20.0	55	11	56	0	-730	10.4
22.5	57	19	58	2	-670	10.2
25.0	60	13	61	1	-620	10.2
27.5	64	10	64	1	-580	10.0
30.0	65	14	65	2	-540	10.0
32.5	63	6	64	-3	-500	10.2
35.0	59	10	59	-2	-430	10.0
37.5	64	6	62	-6	-440	9.6
40.0	65	10	63	-1	-400	9.4
42.5	60	10	60	-2	-380	9.7
45.0	60	21	62	9	-360	9.6
47.5	73	38	74	26	-290	9.4
50.0	76	26	78	14	-270	9.1

/DORA / 640907 / 11780 / 667 / 1715-1723 / O / 28 / 69 / 139 /

/10 / 285 / 195 / S / 5 / 195 / 15 / 960 / 84 / 83 / 45.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	10	11	5	-910	14.0
7.5	31	6	22	-3	-900	13.2
10.0	44	8	46	-2	-860	12.6
12.5	49	13	48	-2	-830	21.1
15.0	64	10	59	-1	-770	11.5
17.5	71	9	67	-1	-720	11.2
20.0	70	17	69	8	-660	10.8
22.5	55	10	52	-2	-610	10.4
25.0	66	10	63	-1	-570	10.2
27.5	68	7	66	-5	-530	10.0
30.0	65	17	62	5	-510	10.0
32.5	60	6	58	-5	-470	9.8
35.0	64	11	62	0	-450	10.0
37.5	63	13	62	1	-420	10.0
40.0	64	13	65	1	-390	9.8
42.5	70	15	68	5	-360	9.7
45.0	84	20	83	8	-350	9.6
47.5	78	21	79	8	-300	9.0
50.0	77	14	75	2	-270	8.7

STORM 14
LEVEL 5

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN POR CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYEPAD/ PRES/ACTUAL/REL /MAX WD/

/DORA / 640907 / 11780 / 667 / 1529-1550 / 0 / 28 / 69 / 136 /

/10 / 285 / 200 / S / 7 / 200 / 14 / 960 / 70 / 68 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	15	13	12	2	-910	13.8
7.5	30	11	26	1	-900	14.0
10.0	44	11	41	0	-870	13.8
12.5	57	21	51	9	-810	12.6
15.0	61	24	57	11	-760	11.4
17.5	68	20	65	10	-700	11.0
20.0	60	19	56	6	-660	10.8
22.5	67	17	55	5	-620	10.6
25.0	65	17	62	5	-570	10.4
27.5	65	19	62	7	-550	10.2
30.0	65	21	62	6	-520	10.0
32.5	65	16	62	5	-500	9.6
35.0	65	19	63	8	-470	9.3
37.5	70	22	68	10	-430	9.2
40.0	70	23	68	11	-390	9.0
42.5	69	25	66	12	-360	8.9
45.0	63	16	60	4	-330	8.8
47.5	63	18	60	7	-310	9.0
50.0	65	16	63	4	-290	9.1

/DORA / 640907 / 11780 / 667 / 1754-1809 / 1 / 23 / 69 / 143 /

/10 / 285 / 85 / W / 8 / 265 / 15 / 960 / 80 / 80 / 47.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	14	6	17	-5	-920	12.1
7.5	17	8	25	-3	-910	12.1
10.0	35	10	37	-1	-890	12.0
12.5	47	20	48	10	-840	12.0
15.0	55	21	56	9	-780	11.8
17.5	55	19	54	7	-730	11.8
20.0	50	17	53	6	-680	11.5
22.5	53	17	54	4	-640	11.3
25.0	59	8	61	-3	-620	10.7
27.5	65	5	67	-6	-580	10.3
30.0	65	5	68	-6	-580	10.2
32.5	65	5	69	-5	-590	9.8
35.0	62	10	65	-2	-460	10.0
37.5	60	9	63	-2	-430	9.5
40.0	62	7	62	-4	-400	9.9
42.5	60	7	62	-5	-380	9.2
45.0	60	7	63	-2	-350	9.5
47.5	80	20	80	21	-320	9.3
50.0	76	16	76	5	-270	8.9

/DORA / 640907 / 11780 / 667 / 1637-1656 / 0 / 28 / 69 / 140 /

/10 / 285 / 200 / SW / 7 / 205 / 14 / 960 / 82 / 81 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	5	14	-6	-900	13.5
7.5	27	9	33	-3	-870	13.3
10.0	41	4	38	-8	-830	13.0
12.5	52	6	48	-2	-790	12.4
15.0	54	7	57	-5	-740	11.0
17.5	55	5	60	-5	-700	11.1
20.0	54	4	63	-8	-640	10.1
22.5	65	1	63	-10	-610	10.5
25.0	65	4	63	-8	-580	10.6
27.5	65	7	62	-4	-530	10.4
30.0	63	7	60	-5	-510	10.1
32.5	63	10	60	-2	-480	10.1
35.0	62	10	65	-2	-470	10.0
37.5	65	12	67	1	-430	10.0
40.0	68	14	66	1	-410	9.5
42.5	66	12	66	0	-380	9.7
45.0	80	15	78	2	-350	8.8
47.5	79	22	78	10	-310	8.8
50.0	82	24	81	11	-280	8.0

/DORA / 640907 / 11780 / 667 / 1907-1920 / 0 / 28 / 69 / 144 /

/10 / 285 / 195 / W / 1 / 285 / 13 / 956 / 68 / 64 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	15	2	18	-5	-940	13.2
7.5	25	3	26	-4	-930	12.8
10.0	28	12	31	0	-900	13.0
12.5	35	14	39	2	-860	12.0
15.0	47	25	49	13	-820	11.7
17.5	53	15	49	4	-770	11.4
20.0	52	14	47	0	-710	10.9
22.5	55	13	50	2	-660	10.5
25.0	55	11	54	0	-630	10.4
27.5	55	11	55	1	-590	10.5
30.0	58	11	52	-1	-550	10.4
32.5	53	14	51	4	-520	10.4
35.0	50	15	50	3	-490	10.3
37.5	50	12	55	4	-450	10.2
40.0	53	16	60	3	-420	10.0
42.5	57	12	61	2	-380	9.9
45.0	62	8	60	-2	-360	9.7
47.5	65	13	59	2	-340	9.6
50.0	68	24	64	12	-320	9.5

STORM 14

LEVEL 5

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640907	11780	667	1404-1425	I	28	69	285	10	200	N	3	15	129	14	964	73	27.5	75
DORA	640907	11780	667	1514-1530	I	28	69	285	10	205	N	3	20	133	14	960	88	25.0	89
DORA	640907	11780	667	1621-1637	I	28	69	285	10	210	N	3	25	137	13	960	70	50.0	69
DORA	640907	11780	667	1447-1512	O	28	69	285	10	20	NE	3	30	130	14	960	65	42.5	67
DORA	640907	11780	667	1604-1620	O	28	69	285	10	25	NE	3	30	134	13	960	65	25.0	70
DORA	640907	11780	667	1810-1820	O	28	69	285	10	105	E	5	105	141	15	956	63	27.5	64
DORA	640907	11780	667	1832-1854	I	28	69	285	10	200	E	5	110	142	15	956	84	37.5	88
DORA	640907	11780	667	1442-1457	I	28	69	285	10	20	S	6	175	131	14	962	70	22.5	68
DORA	640907	11780	667	1548-1604	I	28	69	285	10	23	S	7	185	135	14	960	70	32.5	70
DORA	640907	11780	667	1657-1720	I	28	69	285	10	24	S	6	190	138	15	960	76	50.0	78
DORA	640907	11780	667	1423-1440	I	28	69	285	10	195	SW	7	195	132	14	962	70	25.0	68
DORA	640907	11780	667	1715-1723	O	28	69	285	10	195	S	5	195	139	15	960	84	45.0	83
DORA	640907	11780	667	1529-1550	O	28	69	285	10	200	S	7	200	136	14	960	70	37.5	68
DORA	640907	11780	667	1637-1656	O	28	69	285	10	200	SW	7	205	140	14	960	82	50.0	81
DORA	640907	11780	667	1754-1809	I	28	69	285	10	85	W	8	265	143	15	960	80	47.5	80
DORA	640907	11780	667	1907-1920	O	28	69	285	10	195	W	1	285	144	13	956	68	50.0	64

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	11	-2	15	-2	-926	13.0	165
7.5	23	-1	27	-1	-909	13.1	551
10.0	35	1	38	1	-879	12.9	1312
12.5	45	3	46	2	-841	12.5	2117
15.0	51	7	53	7	-790	11.9	2683
17.5	54	4	56	4	-742	11.6	2994
20.0	56	6	57	5	-692	11.3	3203
22.5	57	4	59	3	-648	11.1	3379
25.0	61	2	62	1	-608	11.0	3767
27.5	64	2	66	1	-565	10.9	4264
30.0	61	2	61	2	-539	10.9	3756
32.5	60	0	61	1	-509	10.7	3728
35.0	61	1	61	0	-469	10.6	3755
37.5	61	0	64	0	-428	10.5	3881
40.0	62	-2	65	-3	-403	10.4	3993
42.5	60	-3	63	-3	-381	10.1	3713
45.0	63	-3	63	-3	-358	9.8	4012
47.5	65	1	65	2	-331	9.6	4398
50.0	65	2	68	1	-301	9.3	4392

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	15	-2	19	-2	-920	13.0	294
7.5	24	-0	28	-1	-904	13.0	677
10.0	35	1	37	0	-876	12.8	1355
12.5	44	4	46	3	-837	12.4	2068
15.0	50	6	52	5	-790	11.9	2607
17.5	54	5	55	4	-742	11.6	2972
20.0	56	5	57	4	-694	11.3	3234
22.5	58	4	59	3	-649	11.1	3440
25.0	61	2	62	2	-608	11.0	3810
27.5	63	2	63	1	-569	10.9	4024
30.0	61	2	62	1	-539	10.8	3816
32.5	61	1	61	1	-506	10.7	3757
35.0	61	1	62	0	-468	10.6	3787
37.5	61	-0	64	-0	-432	10.5	3886
40.0	62	-2	64	-2	-405	10.4	3896
42.5	61	-3	63	-3	-381	10.1	3833
45.0	63	-2	64	-2	-357	9.8	4064
47.5	65	0	65	1	-331	9.6	4316
50.0	65	2	67	1	-310	9.4	4377

STORM 14

LEVEL 6

STORM	DATE	PRFS ALT FEET	MB.	TIME IN INTERVAL	/OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN PER CENT EYERAD/	MAX WINDS PRES/	ACTUAL/	RADIUS REL	/MAX WD/

/DORA / 640908 / 9880 / 715 / 1836-1900 / 1 / 29 / 74 / 125 /

/12 / 285 / 180 / N / 3 / 10 / 20 P / 963 / 88 / 73 / 35.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	-1	9	5	-770	15.2
7.5	29	2	18	7	-750	14.7
10.0	34	4	22	8	-730	14.5
12.5	33	20	22	10	-700	14.4
15.0	39	5	26	7	-680	13.8
17.5	39	5	26	5	-670	13.7
20.0	43	3	30	2	-640	14.4
22.5	48	35	36	1	-620	14.3
25.0	57	-1	44	0	-610	13.7
27.5	62	-2	50	-2	-590	12.8
30.0	78	-3	64	-4	-540	11.9
32.5	83	1	69	3	-510	11.7
35.0	88	-1	73	2	-480	11.4
37.5	46	4	45	5	-440	11.3
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/DORA / 640908 / 9880 / 715 / 1850-1920 / 0 / 29 / 74 / 127 /

/12 / 285 / 170 / S / 6 / 165 / 20 P / 963 / 80 / 84 / 42.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	7	-17	5	-5	-780	15.6
7.5	11	-14	14	-3	-790	15.5
10.0	18	-11	20	-1	-790	15.7
12.5	29	-10	31	-1	-800	15.8
15.0	33	-9	34	-2	-800	15.8
17.5	38	-6	41	-1	-780	16.4
20.0	43	-6	43	0	-770	16.9
22.5	47	-6	51	0	-740	16.6
25.0	54	-4	53	1	-720	16.2
27.5	59	-1	60	4	-680	16.1
30.0	62	3	64	10	-650	15.6
32.5	64	6	66	8	-630	14.8
35.0	66	5	73	10	-570	14.2
37.5	76	4	78	10	-530	13.9
40.0	76	5	79	10	-490	12.4
42.5	80	6	84	9	-450	11.4
45.0	79	8	83	12	-420	10.6
47.5	70	7	79	11	-360	10.2
50.0	69	11	79	15	-350	10.0

/DORA / 640908 / 9880 / 715 / 1420-1450 / 0 / 29 / 74 / 126 /

/12 / 285 / 90 / E / 5 / 90 / 15 / 962 / 70 / 71 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	8	-7	6	6	-690	16.2
7.5	8	-3	11	8	-680	15.7
10.0	13	-5	14	8	-670	15.4
12.5	20	-7	22	8	-660	15.3
15.0	19	-1	22	11	-650	15.2
17.5	21	-6	22	6	-660	15.2
20.0	26	-7	28	7	-630	15.7
22.5	34	-6	35	8	-610	15.4
25.0	37	-10	38	2	-580	14.9
27.5	45	-9	46	4	-570	14.6
30.0	41	-13	41	1	-560	14.7
32.5	47	-8	45	2	-540	15.1
35.0	51	-5	51	8	-530	15.4
37.5	52	-5	52	8	-500	15.5
40.0	56	-5	55	7	-490	15.6
42.5	59	0	58	9	-460	15.2
45.0	59	-4	59	9	-430	14.3
47.5	67	-4	65	9	-410	13.6
50.0	70	-5	71	6	-330	13.5

/DORA / 640908 / 9880 / 715 / 1358-1420 / 1 / 29 / 74 / 128 /

/12 / 285 / 90 / W / 1 / 270 / 15 / 962 / 82 / 84 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	8	20	-5	-670	16.2
7.5	18	4	24	-3	-670	15.5
10.0	15	9	22	-1	-660	14.8
12.5	33	8	38	-1	-640	14.5
15.0	34	7	41	-2	-610	14.2
17.5	41	9	43	-1	-590	13.9
20.0	46	25	50	0	-550	13.7
22.5	39	22	45	0	-530	13.0
25.0	55	18	60	1	-500	12.4
27.5	57	17	60	4	-470	12.1
30.0	74	21	76	10	-440	10.8
32.5	82	19	84	9	-390	10.0
35.0	82	19	84	10	-340	9.9
37.5	78	21	80	10	-310	10.2
40.0	73	20	76	9	-280	10.1
42.5	72	18	73	9	-260	10.0
45.0	68	18	70	12	-220	9.9
47.5	64	17	66	12	-190	9.9
50.0	58	9	61	15	-170	10.0

STORM 14

LEVEL 6

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640908	9830	715	1836-1900	I	29	74	285	12	180	N	3	10	125	20 P	963	88	35.0	73
DORA	640908	9830	715	1420-1450	O	29	74	285	12	90	E	5	90	126	15	962	70	50.0	71
DORA	640908	9830	715	1850-1920	O	29	74	285	12	170	S	6	165	127	20 P	963	80	42.5	84
DORA	640908	9830	715	1358-1420	I	29	74	285	12	90	W	1	270	128	15	962	82	32.5	84

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	11	-3	10	-0	-726	15.8	160
7.5	16	-2	17	1	-722	15.3	346
10.0	20	-0	19	3	-712	15.1	470
12.5	29	3	28	3	-699	15.0	878
15.0	31	0	31	3	-683	14.7	1059
17.5	35	1	33	2	-672	14.8	1314
20.0	40	4	38	2	-644	15.1	1672
22.5	42	12	42	1	-622	14.7	1810
25.0	51	1	49	0	-599	14.2	2697
27.5	56	2	54	2	-574	13.8	3192
30.0	64	3	62	4	-543	13.1	4403
32.5	70	5	67	5	-512	12.7	5136
35.0	72	5	71	7	-473	12.5	5499
37.5	63	6	64	8	-438	12.5	4287
40.0	67	7	69	8	-406	12.6	4664
42.5	69	8	70	8	-378	12.2	4884
45.0	67	7	69	10	-344	11.6	4623
47.5	66	7	68	10	-310	11.3	4436
50.0	64	4	69	11	-271	11.2	4257

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	13	-3	12	0	-725	15.6	222
7.5	16	-2	16	1	-720	15.4	346
10.0	21	0	21	2	-711	15.1	541
12.5	27	1	27	3	-698	14.9	839
15.0	31	1	31	2	-684	14.8	1068
17.5	35	2	34	2	-668	14.8	1342
20.0	39	5	38	2	-645	15.0	1624
22.5	43	8	43	1	-622	14.7	1985
25.0	50	3	49	1	-598	14.2	2643
27.5	56	2	55	2	-572	13.7	3357
30.0	64	3	61	4	-542	13.2	4324
32.5	69	4	66	5	-510	12.8	5024
35.0	69	5	68	7	-473	12.6	5077
37.5	65	6	66	7	-442	12.4	4537
40.0	68	7	69	8	-406	12.6	4734
42.5	68	8	69	9	-376	12.1	4781
45.0	67	7	69	10	-344	11.7	4616
47.5	66	6	69	10	-309	11.4	4436
50.0	65	5	69	11	-284	11.3	4316

STORM 14

LEVEL 7

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE	IN PDR CENT /EYERAD/	MAX WINDS PRES/	ACTUAL/REL	RADIUS /MAX WD/

/DORA / 640908 / 11780 / 667 / 1337-1400 / 0 / 29 / 74 / 145 /

/12 / 285 / 90 / S / 5 / 90 / 14 / 962 / 82 / 82 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	8	-7	10	3	-550	13.3
7.5	11	-5	16	6	-540	13.5
10.0	16	-4	21	8	-530	13.4
12.5	22	-5	26	7	-530	13.7
15.0	33	-15	34	-2	-510	13.8
17.5	42	-17	39	-5	-500	13.8
20.0	47	-19	43	-6	-460	13.6
22.5	48	-16	46	-3	-440	13.5
25.0	49	-14	44	-1	-420	13.4
27.5	51	-14	49	1	-400	12.8
30.0	53	-12	50	1	-350	12.3
32.5	58	-9	53	3	-340	12.3
35.0	65	-13	69	1	-330	12.3
37.5	77	-16	68	-5	-260	11.3
40.0	82	-22	82	-9	-250	9.5
42.5	82	-26	78	-12	-240	8.9
45.0	78	-33	74	-20	-220	8.6
47.5	76	-27	71	-16	-180	9.0
50.0	75	-33	69	-18	-160	9.1

/DORA / 640908 / 11780 / 667 / 1257-1339 / 1 / 29 / 74 / 146 /

/12 / 285 / 90 / W / 8 / 255 / 14 / 962 / 73 / 76 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	11	12	-2	-540	11.8
7.5	13	5	18	-9	-540	11.7
10.0	19	1	24	-12	-530	11.9
12.5	18	4	21	-10	-490	12.1
15.0	18	2	25	-10	-490	12.7
17.5	24	0	32	-10	-470	12.8
20.0	27	4	36	-7	-460	12.5
22.5	29	5	38	-6	-440	12.3
25.0	31	4	41	-6	-430	12.5
27.5	32	5	39	-7	-410	12.5
30.0	36	8	42	-3	-380	12.6
32.5	42	10	48	-1	-370	12.6
35.0	45	14	48	4	-350	12.1
37.5	48	13	49	3	-320	10.6
40.0	50	12	54	1	-290	10.0
42.5	54	21	59	9	-260	10.1
45.0	62	29	64	18	-240	10.1
47.5	70	34	70	22	-190	9.6
50.0	73	31	76	18	-170	9.2

STORM 14

LEVEL 7

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640908	11780	667	1337-1400	O	29	74	285	12	90	S	5	90	145	14	962	82	40.0	82
DORA	640908	11780	667	1257-1333	I	29	74	285	12	90	W	8	255	146	14	962	73	50.0	76

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	12	2	11	0	-545	12.6	160
7.5	14	0	17	-1	-540	12.6	222
10.0	17	-1	22	-2	-530	12.6	308
12.5	20	-0	23	-1	-510	12.9	404
15.0	25	-6	29	-6	-500	13.2	706
17.5	33	-8	35	-7	-485	13.3	1170
20.0	37	-7	39	-6	-460	13.1	1469
22.5	38	-5	42	-4	-440	12.9	1572
25.0	40	-5	42	-3	-425	12.9	1681
27.5	41	-4	44	-3	-405	12.6	1812
30.0	44	-2	46	-1	-365	12.4	2052
32.5	50	0	50	1	-355	12.4	2564
35.0	55	0	58	2	-340	12.2	3125
37.5	62	-1	58	-1	-290	10.9	4116
40.0	66	-5	68	-4	-270	9.8	4612
42.5	68	-2	68	-1	-250	9.5	4820
45.0	70	-2	69	-1	-230	9.4	4964
47.5	73	3	70	3	-185	9.3	5338
50.0	74	-1	72	0	-165	9.1	5477

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	12	1	13	-0	-543	12.6	180
7.5	14	-0	17	-1	-538	12.6	233
10.0	17	-0	21	-1	-527	12.7	313
12.5	20	-2	24	-2	-511	12.9	457
15.0	26	-5	29	-5	-499	13.2	760
17.5	32	-7	35	-6	-482	13.2	1142
20.0	36	-7	39	-6	-460	13.1	1413
22.5	38	-5	41	-4	-441	13.0	1559
25.0	39	-5	42	-3	-424	12.9	1683
27.5	41	-4	44	-2	-399	12.7	1840
30.0	45	-1	46	-0	-371	12.5	2127
32.5	50	-0	51	0	-355	12.4	2595
35.0	55	-0	56	1	-331	11.9	3240
37.5	61	-2	60	-1	-295	10.9	4021
40.0	65	-3	66	-2	-271	10.0	4516
42.5	67	-2	68	-1	-250	9.6	4780
45.0	70	-0	69	-0	-223	9.4	5011
47.5	72	1	70	1	-189	9.3	5291
50.0	73	-0	71	0	-173	9.2	5415

STORM 14

LEVEL 7

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640908	11780	667	1337-1400	O	29	74	285	12	90	S	5	90	145	14	962	82	40.0	82
DORA	640908	11780	667	1257-1333	I	29	74	285	12	90	W	8	255	146	14	962	73	50.0	76

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	12	2	11	0	-545	12.6	160
7.5	14	0	17	-1	-540	12.6	222
10.0	17	-1	22	-2	-530	12.6	308
12.5	20	-0	23	-1	-510	12.9	404
15.0	25	-6	29	-6	-500	13.2	706
17.5	33	-8	35	-7	-485	13.3	1170
20.0	37	-7	39	-6	-460	13.1	1469
22.5	38	-5	42	-4	-440	12.9	1572
25.0	40	-5	42	-3	-425	12.9	1681
27.5	41	-4	44	-3	-405	12.6	1812
30.0	44	-2	46	-1	-365	12.4	2052
32.5	50	0	50	1	-355	12.4	2564
35.0	55	0	58	2	-340	12.2	3125
37.5	62	-1	58	-1	-290	10.9	4116
40.0	66	-5	68	-4	-270	9.8	4612
42.5	68	-2	68	-1	-250	9.5	4820
45.0	70	-2	69	-1	-230	9.4	4964
47.5	73	3	70	3	-185	9.3	5338
50.0	74	-1	72	0	-165	9.1	5477

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	12	1	13	-0	-543	12.6	180
7.5	14	-0	17	-1	-538	12.6	233
10.0	17	-0	21	-1	-527	12.7	313
12.5	20	-2	24	-2	-511	12.9	457
15.0	26	-5	29	-5	-499	13.2	760
17.5	32	-7	35	-6	-482	13.2	1142
20.0	36	-7	39	-6	-460	13.1	1413
22.5	38	-5	41	-4	-441	13.0	1559
25.0	39	-5	42	-3	-424	12.9	1683
27.5	41	-4	44	-2	-399	12.7	1840
30.0	45	-1	46	-0	-371	12.5	2127
32.5	50	-0	51	0	-355	12.4	2595
35.0	55	-0	56	1	-331	11.9	3240
37.5	61	-2	60	-1	-295	10.9	4021
40.0	65	-3	66	-2	-271	10.0	4516
42.5	67	-2	68	-1	-250	9.6	4780
45.0	70	-0	69	-0	-223	9.4	5011
47.5	72	1	70	1	-189	9.3	5291
50.0	73	-0	71	0	-173	9.2	5415

STORM 14

LEVEL 8

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARI	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640909	4780	860	1706-1731	O	29	79	280	10	80	E	4	80	147	25 A	965	77	42.5	74
DORA	640909	4780	860	1606-1627	O	29	79	280	10	125	SE	6	125	148	25 A	965	82	40.0	84
DORA	640909	4780	860	1544-1632	I	29	79	280	10	10	S	6	170	149	25 A	965	82	45.0	89
DORA	640909	4780	860	1513-1531	O	29	79	280	10	230	SW	8	230	150	25 A	965	71	47.5	77
DORA	640909	4780	860	1450-1509	I	29	79	280	10	110	W	8	260	151	25 A	965	81	47.5	82

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	11	-1	18	-1	-1208	20.7	166
7.5	25	0	27	-2	-1187	20.6	733
10.0	31	0	34	0	-1155	20.4	1028
12.5	38	1	40	-0	-1118	20.2	1509
15.0	44	2	46	3	-1071	19.9	1989
17.5	45	2	48	3	-1035	19.8	2036
20.0	48	4	50	5	-1004	19.7	2352
22.5	51	5	53	6	-961	19.6	2665
25.0	53	3	54	5	-929	19.4	2939
27.5	54	6	56	7	-899	19.3	3047
30.0	59	8	65	9	-862	19.0	3593
32.5	65	8	67	9	-824	18.6	4301
35.0	67	7	69	10	-793	18.2	4558
37.5	70	11	72	12	-753	17.9	5044
40.0	73	9	74	14	-719	17.6	5447
42.5	72	12	75	15	-684	17.4	5322
45.0	74	11	77	14	-651	17.2	5637
47.5	77	10	78	14	-623	17.0	6000
50.0	76	7	79	10	-601	16.9	5906

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	14	-1	21	-2	-1201	20.7	261
7.5	25	0	27	-1	-1183	20.6	774
10.0	31	0	34	-0	-1153	20.4	1085
12.5	38	1	40	0	-1115	20.2	1523
15.0	43	2	45	2	-1073	20.0	1884
17.5	45	3	48	3	-1037	19.8	2077
20.0	48	4	50	5	-1001	19.7	2361
22.5	51	4	52	6	-963	19.6	2658
25.0	53	4	54	6	-930	19.4	2806
27.5	55	6	58	7	-897	19.3	3146
30.0	60	8	64	8	-861	19.0	3658
32.5	64	8	67	9	-826	18.6	4204
35.0	67	8	69	10	-791	18.2	4591
37.5	70	10	72	12	-754	17.9	5032
40.0	72	10	73	14	-719	17.6	5312
42.5	73	11	75	15	-685	17.4	5398
45.0	75	11	77	14	-653	17.2	5668
47.5	76	10	79	13	-626	17.1	5857
50.0	77	8	79	11	-609	17.0	5943

STORM / DATE / PRES ALT FEET / MB. / TIME IN INTERVAL /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG /OCTANT NOTH/ AZMTH STM/ANGLE/ IN EYERAD/ RDR CENT PRES/ MAX WTNDS ACTUAL/REL / RADIUS MAX WD/

STORM 14

LEVEL 9

/DORA / 640909 / 9880 / 715 / 1359-1422 / I / 29 / 79 / 154 /

/10 / 280 / 295 / E / 5 / 100 / 25 A / 965 / 58 / 62 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	-630	14.3
7.5	13	-1	16	999	-620	13.8
10.0	18	-2	24	0	-600	13.0
12.5	20	-3	27	0	-580	13.6
15.0	21	-2	29	-1	-540	13.3
17.5	28	-1	33	2	-540	13.6
20.0	34	-1	39	2	-540	13.8
22.5	35	-1	41	-1	-520	13.4
25.0	40	-5	44	-2	-500	13.3
27.5	46	-2	50	4	-460	13.3
30.0	51	8	56	9	-420	13.2
32.5	52	7	58	9	-380	13.2
35.0	51	8	58	10	-350	13.2
37.5	53	7	57	4	-320	12.9
40.0	50	-2	56	3	-290	12.8
42.5	48	-1	56	3	-260	12.6
45.0	50	4	58	5	-240	12.7
47.5	52	6	60	5	-210	12.5
50.0	58	2	62	4	-180	12.3

/DORA / 640909 / 9880 / 715 / 2048-2111 / I / 29 / 79 / 156 /

/10 / 280 / 35 / SW / 7 / 210 / 25 A / 965 / 72 / 71 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	29	5	24	1	-820	14.7
7.5	33	6	28	1	-790	14.5
10.0	31	3	33	2	-790	14.3
12.5	42	7	36	-1	-720	14.2
15.0	39	3	40	-3	-690	14.3
17.5	44	-1	47	-1	-670	14.5
20.0	60	5	56	0	-630	14.2
22.5	64	5	62	0	-570	13.5
25.0	63	6	63	2	-530	13.1
27.5	65	9	64	4	-490	13.1
30.0	67	9	66	4	-460	12.9
32.5	64	8	66	3	-410	12.5
35.0	66	14	65	4	-370	12.5
37.5	70	16	70	6	-340	12.4
40.0	72	17	71	9	-320	12.2
42.5	71	12	71	12	-280	12.0
45.0	71	11	71	10	-260	11.9
47.5	68	11	70	8	-220	11.6
50.0	66	11	68	7	-190	11.6

/DORA / 640909 / 9880 / 715 / 1901-1923 / O / 29 / 79 / 158 /

/10 / 280 / 270 / W / 1 / 270 / 25 A / 965 / 80 / 75 / 35.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	28	6	23	5	-760	15.5
7.5	33	2	28	0	-730	14.5
10.0	36	0	31	-1	-700	15.1
12.5	37	2	32	0	-690	14.5
15.0	38	12	33	10	-680	14.3
17.5	40	13	35	11	-640	14.0
20.0	49	14	44	12	-630	13.6
22.5	60	10	50	8	-550	13.2
25.0	65	5	58	4	-500	13.2
27.5	73	0	68	-2	-480	13.2
30.0	67	6	62	4	-470	13.0
32.5	77	5	73	3	-430	12.7
35.0	80	5	75	3	-360	12.9
37.5	76	5	71	3	-330	12.7
40.0	79	-1	74	-3	-310	12.5
42.5	74	0	70	-2	-290	12.0
45.0	73	2	68	0	-260	11.9
47.5	74	4	69	2	-210	11.7
50.0	75	3	70	1	-170	11.2

/DORA / 640909 / 9880 / 715 / 1836-1900 / I / 29 / 79 / 155 /

/10 / 280 / 325 / S / 6 / 160 / 25 A / 965 / 56 / 58 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	19	0	-830	16.0
7.5	15	2	22	1	-780	16.0
10.0	18	4	23	2	-740	16.3
12.5	25	5	26	-1	-710	16.3
15.0	22	4	28	-1	-670	16.0
17.5	23	2	32	-2	-620	15.9
20.0	26	-1	37	-4	-610	16.1
22.5	33	-2	42	-4	-600	15.9
25.0	37	-1	47	-4	-580	15.3
27.5	44	0	51	-3	-550	14.5
30.0	46	0	52	-2	-510	13.7
32.5	47	5	51	1	-470	13.6
35.0	49	7	51	3	-440	13.7
37.5	44	9	51	4	-400	13.3
40.0	51	7	52	3	-370	13.0
42.5	53	11	54	5	-350	13.0
45.0	52	12	56	8	-320	13.1
47.5	49	14	49	9	-300	12.9
50.0	56	8	58	6	-280	12.6

/DORA / 640909 / 9880 / 715 / 1538-1549 / I / 29 / 79 / 157 /

/10 / 280 / 90 / W / 1 / 270 / 25 A / 965 / 67 / 59 / 45.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	11	16	5	-670	14.1
7.5	31	5	29	4	-650	14.1
10.0	27	12	24	4	-630	13.9
12.5	34	8	31	2	-600	13.6
15.0	38	5	35	0	-580	13.6
17.5	39	2	35	-2	-570	13.3
20.0	46	-4	41	-4	-540	13.5
22.5	58	-2	54	-3	-510	14.0
25.0	58	-1	54	-2	-480	14.3
27.5	56	-1	52	-3	-450	14.2
30.0	56	0	52	-3	-420	14.2
32.5	56	3	52	1	-400	14.3
35.0	62	5	59	2	-360	14.1
37.5	61	6	56	3	-320	13.8
40.0	62	7	57	4	-300	13.3
42.5	65	6	59	6	-260	12.8
45.0	67	7	59	4	-240	12.5
47.5	67	9	59	6	999	999.0
50.0	999	999	999	999	999	999.0

/DORA / 640909 / 9880 / 715 / 1513-1527 / O / 29 / 79 / 159 /

/10 / 280 / 370 / N / 2 / 370 / 25 A / 965 / 64 / 60 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	20	999	-590	13.9
7.5	34	-5	28	3	-580	11.5
10.0	39	-6	34	0	-560	13.4
12.5	35	-8	38	-3	-540	13.3
15.0	46	-8	44	0	-520	13.5
17.5	55	-5	50	-1	-490	13.7
20.0	57	-5	54	-2	-470	13.7
22.5	60	-7	55	-4	-440	14.1
25.0	60	-10	56	-5	-420	14.6
27.5	61	-11	57	-5	-400	14.7
30.0	60	-11	58	-6	-370	14.6
32.5	59	-12	58	-4	-350	14.5
35.0	60	-7	58	-2	-320	13.7
37.5	63	-7	59	-1	-300	12.9
40.0	64	-6	60	-2	-280	12.5
42.5	62	-8	58	-1	-250	12.2
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 14

LEVEL 9

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640909	9880	715	1352-1422	I	29	79	280	10	295	E	5	100	154	25 A	965	58	50.0	62
DORA	640909	9880	715	1836-1900	I	29	79	280	10	325	S	6	160	155	25 A	965	56	50.0	58
DORA	640909	9880	715	2048-2111	I	29	79	280	10	35	SW	7	210	156	25 A	965	72	40.0	71
DORA	640909	9880	715	1536-1549	I	29	79	280	10	90	W	1	270	157	25 A	965	67	45.0	59
DORA	640909	9880	715	1901-1923	D	29	79	280	10	270	W	1	270	158	25 A	965	80	35.0	75
DORA	640909	9880	715	1513-1527	D	29	79	280	10	270	N	2	270	159	25 A	965	64	40.0	60

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	27	5	20	2	-700	14.7	745
7.5	26	0	24	1	-677	14.3	772
10.0	28	0	28	0	-656	14.2	905
12.5	31	0	32	-0	-627	14.1	1058
15.0	34	0	35	0	-600	14.1	1277
17.5	39	0	39	1	-575	14.1	1687
20.0	45	0	46	0	-558	14.1	2261
22.5	51	-0	50	-1	-522	14.0	2777
25.0	53	-2	53	-1	-494	14.0	2965
27.5	57	-2	56	-0	-464	13.9	3365
30.0	57	0	57	0	-433	13.6	3371
32.5	58	1	59	1	-399	13.5	3529
35.0	60	4	60	3	-361	13.3	3733
37.5	60	4	60	2	-331	12.9	3709
40.0	62	2	61	1	-307	12.7	3978
42.5	60	1	60	3	-278	12.4	3806
45.0	60	6	62	4	-260	12.4	3831
47.5	60	7	62	5	-225	12.1	3816
50.0	64	4	65	3	-193	11.9	4265

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	29	5	22	1	-692	14.5	856
7.5	26	0	25	1	-676	14.3	794
10.0	28	0	28	0	-654	14.2	915
12.5	31	0	32	-0	-627	14.1	1077
15.0	34	0	35	0	-600	14.1	1329
17.5	39	0	40	0	-577	14.1	1741
20.0	45	0	45	0	-554	14.1	2260
22.5	50	-0	49	-0	-523	14.0	2695
25.0	53	-1	53	-1	-493	14.0	2998
27.5	56	-1	56	-0	-464	13.8	3275
30.0	57	0	57	0	-432	13.7	3387
32.5	58	1	59	1	-397	13.5	3545
35.0	60	3	60	2	-362	13.3	3700
37.5	60	3	60	2	-333	13.0	3814
40.0	61	2	60	2	-306	12.7	3894
42.5	61	2	60	3	-281	12.5	3838
45.0	60	6	62	4	-258	12.4	3829
47.5	61	6	62	4	-225	12.1	3908
50.0	63	5	64	3	-204	11.9	4175

STORM 14

LEVEL 10

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD/	TRUE DIR /	OCTANT HDG /NOTH/	AZMTH STM/	ANGLE/	EYERAD/	RDR CENT PRES/	MAX WINDS ACTUAL/	REL	RADIUS /MAX WD/

/DORA / 640909 / 13800 / 618 / 1734-1752 / I / 29 / 79 / 160 /

/10 / 280 / 190 / N / 3 / 10 / 25 A / 965 / 69 / 65 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	28	9	25	5	-400	9.1
7.5	36	3	33	3	-380	8.6
10.0	38	5	35	4	-360	8.5
12.5	49	8	37	6	-340	8.3
15.0	52	9	45	7	-300	7.6
17.5	59	19	51	10	-250	7.3
20.0	68	16	63	14	-210	6.9
22.5	66	16	61	11	-180	6.4
25.0	64	10	60	8	-150	6.3
27.5	67	14	62	12	-120	6.4
30.0	69	16	65	16	-90	6.2
32.5	67	17	63	15	-60	6.0
35.0	62	14	60	13	-30	6.3
37.5	61	18	58	14	0	6.5
40.0	57	14	58	17	20	6.4
42.5	64	21	60	18	40	6.4
45.0	67	22	60	15	70	6.3
47.5	53	13	55	12	100	6.1
50.0	57	10	62	12	120	6.2

/DORA / 640909 / 13800 / 618 / 1627-1640 / O / 29 / 79 / 161 /

/10 / 280 / 180 / S / 7 / 180 / 25 A / 965 / 52 / 55 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	12	3	20	1	-340	9.2
7.5	16	1	23	1	-330	9.6
10.0	19	-1	23	1	-320	9.4
12.5	17	2	27	0	-310	8.7
15.0	32	0	38	0	-250	8.1
17.5	43	-9	50	-8	-220	8.0
20.0	44	-1	50	-2	-210	8.5
22.5	44	-2	50	0	-180	9.0
25.0	44	2	48	-2	-150	8.8
27.5	41	-4	45	-4	-120	8.3
30.0	40	-7	49	-5	-100	7.3
32.5	52	-4	55	-4	-70	6.6
35.0	47	0	52	-2	-50	6.6
37.5	47	-1	52	1	-20	6.5
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 14

LEVEL 10

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DORA	640909	13000	618	1734-1752	I	29	79	280	10	190	N	3	10	160	25 A	965	69	30.0	65
DORA	640909	13000	618	1627-1640	O	29	79	280	10	180	S	7	180	161	25 A	965	52	32.5	55

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	20	6	22	3	-370	9.1	464
7.5	26	2	28	2	-355	9.1	776
10.0	28	2	29	2	-340	8.9	902
12.5	33	5	32	3	-325	8.5	1345
15.0	42	4	41	3	-275	7.8	1864
17.5	51	5	50	1	-235	7.7	2665
20.0	56	7	56	6	-210	7.7	3280
22.5	55	7	55	5	-180	7.7	3146
25.0	54	6	54	3	-150	7.6	3016
27.5	54	5	53	4	-120	7.3	3085
30.0	54	4	57	5	-95	6.8	3180
32.5	59	6	59	5	-65	6.3	3596
35.0	54	7	56	5	-40	6.4	3026
37.5	54	8	55	7	-10	6.5	2965
40.0	57	14	58	17	20	6.4	3249
42.5	64	21	60	18	40	6.4	4096
45.0	67	22	60	15	70	6.3	4489
47.5	53	13	55	12	100	6.1	2809
50.0	57	10	62	12	120	6.2	3249

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	21	4	24	2	-364	9.1	567
7.5	25	2	27	2	-353	9.1	755
10.0	28	2	29	2	-339	8.9	976
12.5	34	4	33	3	-316	8.4	1382
15.0	42	4	41	2	-275	7.9	1943
17.5	50	5	49	2	-238	7.7	2638
20.0	54	6	54	5	-209	7.7	3086
22.5	54	6	54	4	-179	7.7	3098
25.0	54	5	54	3	-149	7.5	3053
27.5	54	5	54	4	-121	7.2	3101
30.0	55	5	56	5	-94	6.8	3264
32.5	57	6	57	5	-66	6.5	3371
35.0	55	7	56	5	-39	6.5	3097
37.5	53	7	55	7	-15	6.5	2940
40.0	59	16	58	16	19	6.4	3563
42.5	63	20	59	16	42	6.4	4061
45.0	62	19	58	14	70	6.3	3962
47.5	56	13	57	12	97	6.2	3207
50.0	56	11	60	12	112	6.2	3235

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG /OCTANT NOTH/AZMTH STM/ANGLE EYERAD/ IN PDR CENT PRES/ACTUAL/REL / MAX WINDS MAX WD/ RADIUS

STORM IS LEVEL 1

/GLADYS / 640917 / 3240 / 907 / 1530-1550 / 0 / 24 / 64 / 162 /

/ 9 / 300 / 5 / N / 2 / 5 / 13 / 949 / 111 / 101 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	25	11	13	9	-1460	22.9
7.5	53	10	36	8	-1440	23.0
10.0	106	12	74	9	-1440	22.4
12.5	111	-6	101	-10	-1400	21.8
15.0	110	3	91	-1	-1300	21.0
17.5	105	1	95	-3	-1120	20.2
20.0	98	-1	86	-5	-840	19.6
22.5	93	2	84	-2	-740	20.0
25.0	91	1	84	-3	-590	20.2
27.5	89	2	83	-2	-510	20.1
30.0	87	1	81	-2	-470	20.0
32.5	85	-2	75	-6	-400	19.7
35.0	81	-1	70	-5	-350	19.2
37.5	77	1	71	-4	-320	18.8
40.0	75	0	67	-4	-240	18.7
42.5	74	2	63	-3	-170	18.7
45.0	76	3	65	-1	-160	18.5
47.5	75	5	67	0	-150	18.3
50.0	76	4	66	-1	-160	18.1

/GLADYS / 640917 / 3240 / 907 / 1458-1527 / 1 / 24 / 64 / 165 /

/ 9 / 300 / 10 / S / 7 / 195 / 13 / 949 / 99 / 108 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	-4	18	7	-1330	22.7
7.5	49	-9	38	0	-1260	21.8
10.0	73	-12	74	-2	-1210	21.3
12.5	98	-1	93	10	-930	20.8
15.0	110	-2	105	7	-750	20.2
17.5	96	-2	93	8	-630	19.9
20.0	87	-7	84	3	-570	19.5
22.5	84	-4	79	6	-500	19.5
25.0	81	0	77	9	-420	19.4
27.5	79	-2	76	8	-360	19.3
30.0	74	-2	69	8	-320	19.1
32.5	71	-6	66	4	-280	18.8
35.0	69	-5	63	4	-230	18.9
37.5	68	3	66	12	-200	19.1
40.0	67	2	64	12	-170	18.9
42.5	66	10	60	0	-150	19.0
45.0	65	-17	61	-8	-130	19.0
47.5	63	-16	55	-6	-100	18.6
50.0	62	-14	58	-4	-90	18.7

/GLADYS / 640917 / 3240 / 907 / 1232-1316 / 1 / 24 / 64 / 166 /

/ 9 / 300 / 35 / SW / 7 / 225 / 13 / 954 / 84 / 95 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	12	-4	24	-6	-1280	22.1
7.5	42	-7	47	-9	-1230	21.8
10.0	65	3	73	2	-1100	21.4
12.5	84	-3	95	-4	-1010	20.8
15.0	83	-9	95	-11	-810	20.2
17.5	80	-13	93	-15	-670	19.8
20.0	75	-9	83	-10	-610	19.7
22.5	73	-8	83	-9	-500	19.3
25.0	74	-16	84	-18	-450	19.1
27.5	73	-12	83	-13	-390	19.1
30.0	71	-16	76	-17	-340	19.1
32.5	67	-12	78	-14	-300	18.8
35.0	65	-13	72	-14	-260	18.8
37.5	61	-16	73	-17	-230	18.7
40.0	61	-19	75	-20	-220	18.5
42.5	63	-19	71	-20	-190	18.4
45.0	60	-13	71	-13	-180	18.3
47.5	58	-11	68	-12	-160	18.2
50.0	57	-7	68	-7	-140	18.1

/GLADYS / 640917 / 3240 / 907 / 1307-1335 / 0 / 24 / 64 / 163 /

/ 9 / 300 / 90 / E / 4 / 90 / 13 / 954 / 103 / 100 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-9	19	1	-1180	22.2
7.5	50	-14	34	-4	-1170	22.0
10.0	75	-16	69	-5	-1150	21.9
12.5	98	-23	93	-13	-980	21.0
15.0	103	-28	100	-18	-740	19.9
17.5	95	-23	87	-13	-590	19.0
20.0	85	-18	77	-8	-510	19.1
22.5	80	-8	75	2	-450	19.2
25.0	77	-6	73	5	-400	19.5
27.5	75	-3	70	6	-350	19.4
30.0	74	1	72	10	-300	19.3
32.5	73	-1	69	9	-260	19.3
35.0	69	-15	59	-6	-220	19.3
37.5	69	-6	67	3	-200	19.0
40.0	65	-16	65	-6	-180	18.6
42.5	66	-11	59	-2	-150	18.3
45.0	64	-12	60	-2	-120	18.3
47.5	63	-9	56	1	-90	18.4
50.0	63	-10	56	0	-70	18.4

/GLADYS / 640917 / 3240 / 907 / 1458-1527 / 1 / 24 / 64 / 165 /

/ 9 / 300 / 10 / S / 7 / 195 / 13 / 949 / 99 / 108 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	14	-17	19	-15	-1440	23.2
7.5	31	-18	38	-14	-1420	22.6
10.0	62	-12	73	-8	-1370	22.2
12.5	99	-15	108	-12	-1300	21.2
15.0	94	-1	103	2	-1000	20.2
17.5	83	-5	93	-2	-850	20.0
20.0	76	-2	86	1	-710	19.8
22.5	69	0	81	3	-600	19.9
25.0	67	-5	72	-2	-550	19.6
27.5	68	1	77	4	-490	19.5
30.0	67	-1	79	2	-420	19.2
32.5	64	-4	75	-1	-380	19.1
35.0	61	1	72	3	-350	19.1
37.5	60	-2	69	1	-320	18.9
40.0	58	-7	68	-4	-280	18.9
42.5	58	-3	66	0	-240	18.8
45.0	59	-8	71	-5	-220	18.7
47.5	58	-6	66	-2	-190	18.7
50.0	56	-12	66	-9	-180	18.5

/GLADYS / 640917 / 3240 / 907 / 1407-1436 / 0 / 24 / 64 / 167 /

/ 9 / 300 / 260 / W / 8 / 260 / 13 / 954 / 93 / 98 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	25	-1	30	-5	-1360	21.9
7.5	56	3	54	-4	-1300	21.8
10.0	78	18	83	10	-1210	21.6
12.5	93	8	98	0	-1050	20.8
15.0	92	8	96	0	-840	20.3
17.5	80	11	88	4	-700	20.1
20.0	77	13	79	5	-560	19.6
22.5	68	9	75	1	-510	19.6
25.0	69	13	71	5	-460	19.4
27.5	70	17	74	9	-410	19.2
30.0	71	21	78	13	-380	19.0
32.5	70	11	75	3	-340	18.9
35.0	68	11	75	3	-280	18.8
37.5	65	17	69	9	-230	18.7
40.0	62	14	69	6	-200	18.5
42.5	59	11	63	3	-180	18.3
45.0	55	12	60	4	-160	18.3
47.5	58	1	56	-8	-150	18.5
50.0	62	3	72	-5	-130	18.3

STORM 15

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
GLADYS	640917	3240	907	1530-1550	O	24	64	300	9	5	N	2	5	162	13	949	111	12.5	101
GLADYS	640917	3240	907	1307-1335	O	24	64	300	9	90	E	4	90	163	13	954	103	15.0	100
GLADYS	640917	3240	907	1336-1408	I	24	64	300	9	270	E	4	100	164	13	954	110	15.0	105
GLADYS	640917	3240	907	1458-1527	I	24	64	300	9	10	S	7	195	165	13	949	99	12.5	108
GLADYS	640917	3240	907	1232-1316	I	24	64	300	9	35	SW	7	225	166	13	954	84	12.5	95
GLADYS	640917	3240	907	1407-1436	O	24	64	300	9	260	W	8	260	167	13	954	93	12.5	98

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	21	-2	19	-0	-1364	22.6	467
7.5	47	-3	40	-2	-1328	22.3	2357
10.0	80	0	74	2	-1280	21.9	6716
12.5	99	-6	98	-5	-1155	21.2	9939
15.0	100	-2	97	-2	-960	20.4	10159
17.5	91	-2	91	-2	-809	19.9	8462
20.0	84	-2	82	-1	-659	19.6	7254
22.5	79	-0	79	0	-576	19.7	6362
25.0	77	-0	76	0	-495	19.6	6097
27.5	76	2	77	2	-433	19.5	5932
30.0	75	2	76	3	-387	19.4	5733
32.5	73	-1	73	-0	-339	19.2	5414
35.0	70	-1	69	-1	-293	19.0	4980
37.5	66	1	69	1	-261	18.9	4480
40.0	65	-2	67	-1	-219	18.7	4363
42.5	65	0	63	-2	-180	18.6	4274
45.0	64	-3	64	-2	-162	18.5	4198
47.5	63	-4	61	-3	-142	18.5	4128
50.0	64	-4	64	-4	-133	18.3	4193

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	29	-3	24	-1	-1352	22.5	1097
7.5	51	-2	45	-0	-1322	22.2	3132
10.0	77	-1	73	-0	-1259	21.8	6625
12.5	94	-4	92	-3	-1132	21.1	9166
15.0	96	-3	94	-2	-965	20.5	9486
17.5	91	-2	90	-2	-810	20.0	8416
20.0	84	-1	83	-1	-676	19.7	7322
22.5	80	-0	80	-0	-580	19.7	6536
25.0	77	0	77	0	-501	19.6	6165
27.5	76	1	77	2	-438	19.5	5940
30.0	75	1	75	2	-388	19.4	5705
32.5	72	-0	72	-0	-340	19.2	5378
35.0	69	-0	70	-0	-297	19.0	4954
37.5	67	0	68	0	-259	18.9	4570
40.0	65	-0	66	-1	-219	18.7	4303
42.5	65	-0	64	-2	-185	18.6	4284
45.0	64	-2	63	-2	-163	18.5	4207
47.5	64	-3	62	-3	-145	18.4	4163
50.0	64	-4	64	-3	-137	18.3	4183

STORM 15
LEVEL 2

STORM	DATE	PRES ALT FEET	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID
GLADYS	640917	9880	715	1536-1556	0	24 / 64 / 168
GLADYS	640917	9880	715	1509-1530	I	24 / 64 / 170

STORM SPD	TRUE DIR	HDG	OCTANT NORTH/STM	AZMTH ANGLE	IN RDR EYERAD	CENT PRES	MAX WINDS ACTUAL	MAX WINDS REL	MAX WINDS MAX WD	RADIUS
9	300	0	N	2	0	13	949	87	86	37.5
9	300	0	S	6	180	13	949	81	94	12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	5	15	1	-1210	20.8
7.5	16	-2	10	-6	-1210	19.8
10.0	33	-6	25	-11	-1190	18.5
12.5	49	-8	43	-14	-1140	17.5
15.0	58	-10	60	-15	-1150	15.5
17.5	60	-20	57	-25	-970	13.6
20.0	75	-14	71	-20	-840	12.2
22.5	50	-2	44	-7	-740	11.4
25.0	50	-16	46	-22	-650	10.5
27.5	49	-2	45	-11	-560	9.8
30.0	73	-19	72	-27	-490	9.9
32.5	79	10	78	1	-400	9.8
35.0	75	999	74	999	-300	9.8
37.5	87	999	86	999	-210	10.1
40.0	87	999	86	999	-150	9.7
42.5	86	999	86	999	-100	9.2
45.0	82	999	80	999	-60	9.0
47.5	81	999	80	999	-30	8.9
50.0	81	999	80	999	-10	9.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	1	40	8	-1170	18.0
7.5	48	2	53	15	-1100	15.4
10.0	71	12	83	18	-990	13.7
12.5	81	6	94	14	-820	12.1
15.0	80	4	91	10	-670	10.6
17.5	73	0	83	7	-560	10.4
20.0	66	1	74	6	-480	10.4
22.5	63	0	74	2	-420	10.7
25.0	61	-5	69	0	-360	10.2
27.5	61	-5	70	1	-300	9.9
30.0	59	-7	67	-2	-260	9.9
32.5	56	-6	65	-1	-220	10.0
35.0	58	-6	63	-2	-190	9.7
37.5	59	-5	68	-1	-160	9.5
40.0	52	-2	61	2	-120	9.5
42.5	52	-6	62	0	-90	9.4
45.0	54	-11	63	-5	-70	9.5
47.5	52	-8	60	-6	-40	9.7
50.0	49	-8	52	-5	-40	9.4

STORM	DATE	PRES ALT FEET	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID
GLADYS	640917	9880	715	1340-1402	I	24 / 64 / 169
GLADYS	640917	9880	715	1409-1439	O	24 / 64 / 171

STORM SPD	TRUE DIR	HDG	OCTANT NORTH/STM	AZMTH ANGLE	IN RDR EYERAD	CENT PRES	MAX WINDS ACTUAL	MAX WINDS REL	MAX WINDS MAX WD	RADIUS
9	300	270	E	4	90	13	952	102	96	15.0
9	300	270	W	8	270	13	952	82	90	10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	1	18	10	-1100	17.2
7.5	32	-1	27	8	-1080	15.8
10.0	49	-7	34	2	-1040	14.3
12.5	84	1	82	13	-940	12.8
15.0	102	0	96	8	-800	11.2
17.5	98	-1	89	7	-630	11.1
20.0	94	-5	85	6	-540	10.8
22.5	91	-2	86	8	-440	10.0
25.0	97	5	83	11	-360	9.9
27.5	86	2	81	11	-300	10.1
30.0	84	-3	81	6	-210	9.7
32.5	83	-2	76	6	-210	9.3
35.0	82	-4	75	4	-170	8.8
37.5	80	-2	74	5	-140	8.9
40.0	77	2	71	11	-100	8.4
42.5	74	2	69	10	-80	9.2
45.0	71	4	66	14	-60	8.9
47.5	69	0	65	14	-30	8.4
50.0	67	-1	62	6	10	8.7

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	31	7	27	-2	-1100	18.5
7.5	60	13	69	4	-1000	15.7
10.0	82	6	90	-3	-860	13.4
12.5	81	13	89	2	-720	12.0
15.0	78	15	84	6	-590	10.7
17.5	71	9	78	2	-490	10.1
20.0	64	7	72	-2	-420	10.0
22.5	61	4	66	-5	-360	10.1
25.0	58	6	67	-2	-310	10.1
27.5	54	7	57	-3	-270	9.8
30.0	50	8	54	-1	999	9.9
32.5	46	0	56	-9	999	10.1
35.0	45	-3	50	-12	999	9.9
37.5	51	-3	58	-10	999	9.5
40.0	50	1	52	-6	999	9.6
42.5	48	8	55	-1	999	9.4
45.0	51	11	49	1	999	9.0
47.5	49	13	56	4	999	9.0
50.0	48	8	48	0	999	9.3

STORM 15

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
GLADYS	640917	9990	715	1536-1556	O	24	64	300	9	0	N	2	0	168	13	949	87	40.0	86
GLADYS	640917	9990	715	1340-1402	I	24	64	300	9	270	E	4	90	169	13	952	102	15.0	96
GLADYS	640917	9990	715	1509-1530	I	24	64	300	9	0	S	6	180	170	13	949	81	12.5	94
GLADYS	640917	9990	715	1409-1439	O	24	64	300	9	270	W	8	270	171	13	952	82	10.0	90

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	20	3	25	4	-1145.	18.6	518
7.5	39	3	39	5	-1097	16.7	1796
10.0	58	1	58	1	-1020	15.0	3813
12.5	73	3	77	3	-905	13.6	5644
15.0	79	2	80	2	-805	12.0	6563
17.5	75	-3	76	-2	-662	11.3	5893
20.0	74	-2	75	-3	-570	10.8	5728
22.5	66	0	68	-0	-490	10.5	4617
25.0	66	-2	66	-3	-420	10.2	4748
27.5	62	0	63	-0	-357	9.9	4108
30.0	66	-5	68	-6	-333	9.8	4591
32.5	66	0	68	-0	-285	9.8	4595
35.0	65	-4	65	-3	-226	9.5	4434
37.5	69	-3	71	-2	-173	9.5	5012
40.0	66	0	67	2	-126	9.3	4675
42.5	65	2	68	3	-91	9.3	4470
45.0	64	2	64	4	-63	9.1	4320
47.5	62	2	65	5	-33	9.0	4106
50.0	61	0	60	1	-16	9.1	3938

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	26	3	29	4	-1129	18.0	944
7.5	40	2	41	4	-1086	16.6	2087
10.0	58	2	58	2	-1007	15.0	3839
12.5	71	2	73	3	-905	13.6	5423
15.0	76	1	77	1	-794	12.2	6110
17.5	75	-1	76	-1	-672	11.4	5906
20.0	72	-1	73	-2	-575	10.9	5495
22.5	67	-1	69	-1	-493	10.5	4869
25.0	65	-1	66	-2	-422	10.2	4618
27.5	64	-1	65	-2	-362	10.0	4356
30.0	65	-2	67	-3	-338	9.9	4533
32.5	65	-1	67	-2	-283	9.8	4539
35.0	66	-3	67	-2	-227	9.6	4605
37.5	67	-2	69	-1	-175	9.5	4826
40.0	66	0	68	1	-129	9.3	4661
42.5	65	1	67	3	-94	9.3	4480
45.0	64	2	65	4	-63	9.1	4307
47.5	62	2	64	3	-36	9.1	4114
50.0	61	1	61	1	-23	9.1	3997

STORM 15
LEVEL 3

STORM	DATE	PRES ALT FEET	PRES MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
GLADYS	640917	9880	715	1846-1910	I	24 / 64	172
	9	300	195	N	3	20 / 13	945 / 107 / 107 / 15.0

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH	AZMTH STM	ANGLE	PER CENT EYERAD	MAX WINDS PRES/ACTUAL	MAX WINDS REL	RADIUS MAX WD
9	300	195	N	3	20	13	945	107	107 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-6	12	-4	-1530	16.7
7.5	51	-4	30	-3	-1490	14.0
10.0	77	-3	69	-3	-1380	12.6
12.5	98	6	95	5	-1210	11.1
15.0	107	-4	107	-5	-1030	10.1
17.5	98	-6	87	-8	-890	9.6
20.0	92	-4	84	-6	-770	9.6
22.5	86	-4	75	-5	-690	9.7
25.0	83	6	71	4	-620	9.9
27.5	85	3	73	1	-560	10.2
30.0	86	-2	78	-3	-500	9.7
32.5	84	0	74	-2	-460	8.9
35.0	79	0	69	2	-410	8.8
37.5	76	-5	67	-7	-370	8.9
40.0	73	-2	63	-5	-340	8.7
42.5	69	-4	60	-6	-300	8.6
45.0	66	-4	57	-6	-290	8.5
47.5	63	-2	55	-5	-250	8.3
50.0	72	-2	52	-5	-230	8.2

STORM	DATE	PRES ALT FEET	PRES MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
GLADYS	640917	9880	715	1910-1950	O	24 / 64	173
	9	300	180	S	7	180 / 13	945 / 96 / 102 / 12.5

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH	AZMTH STM	ANGLE	PER CENT EYERAD	MAX WINDS PRES/ACTUAL	MAX WINDS REL	RADIUS MAX WD
9	300	180	S	7	180	13	945	96	102 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	4	24	7	-1500	18.3
7.5	32	3	30	6	-1470	17.8
10.0	64	-5	89	-2	-1410	16.1
12.5	96	-8	102	-2	-1240	14.5
15.0	90	-2	96	3	-1070	12.0
17.5	82	-4	90	1	-910	10.4
20.0	73	-3	80	2	-810	9.9
22.5	68	-4	78	2	-730	10.2
25.0	65	-3	72	2	-670	10.3
27.5	62	-4	70	1	-620	10.1
30.0	61	-4	66	1	-550	10.1
32.5	57	-3	63	2	-500	10.7
35.0	53	-3	61	1	-460	9.5
37.5	53	-4	61	1	-420	9.4
40.0	56	-7	64	-2	-380	9.2
42.5	60	-5	70	-1	-360	8.9
45.0	55	2	63	7	-340	9.0
47.5	53	-10	59	-5	-310	8.9
50.0	54	-8	66	-3	-280	8.3

STORM 15

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
GLADYS	640917	9280	715	1846-1910	I	24	64	300	9	195	N	3	20	172	13	945	107	15.0	107
GLADYS	640917	9280	715	1910-1950	O	24	64	300	9	180	S	7	180	173	13	945	96	12.5	102

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	18	-1	18	1	-1515	17.5	372
7.5	41	-0	30	1	-1480	15.9	1812
10.0	70	-4	79	-2	-1395	14.4	5012
12.5	97	-1	98	1	-1225	12.8	9410
15.0	98	-3	101	-1	-1050	11.1	9774
17.5	90	-5	88	-3	-900	10.0	8164
20.0	82	-3	82	-2	-790	9.8	6896
22.5	77	-4	76	-1	-710	9.9	6010
25.0	74	1	71	3	-645	10.1	5557
27.5	73	-0	71	1	-590	10.1	5534
30.0	73	-3	72	-1	-525	9.9	5558
32.5	70	-1	68	0	-480	9.8	5152
35.0	66	-1	65	1	-435	9.1	4525
37.5	64	-4	64	-3	-395	9.1	4292
40.0	64	-4	63	-3	-360	8.9	4232
42.5	64	-4	65	-3	-330	8.8	4180
45.0	60	-1	60	0	-315	8.8	3670
47.5	58	-6	57	-5	-280	8.6	3389
50.0	63	-5	57	-4	-255	8.3	4050

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	26	-0	22	1	-1503	17.0	852
7.5	44	-1	40	0	-1464	15.8	2372
10.0	70	-2	74	-0	-1369	14.3	5451
12.5	90	-1	93	0	-1217	12.7	8511
15.0	94	-3	96	-1	-1054	11.2	9056
17.5	89	-4	88	-2	-911	10.2	8070
20.0	82	-3	82	-2	-800	9.9	6968
22.5	77	-2	76	-0	-716	10.0	6136
25.0	74	-0	72	1	-649	10.1	5696
27.5	73	-1	71	0	-588	10.1	5580
30.0	72	-2	71	-0	-529	9.9	5442
32.5	69	-1	68	0	-481	9.7	5073
35.0	66	-2	65	0	-436	9.3	4603
37.5	65	-3	64	-2	-396	9.1	4355
40.0	64	-4	64	-3	-361	8.9	4250
42.5	63	-3	63	-2	-334	8.8	4075
45.0	60	-2	60	-1	-311	8.7	3711
47.5	59	-4	58	-3	-281	8.5	3634
50.0	61	-4	58	-3	-263	8.3	3911

STORM 15

LEVEL 4

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN PDR CENT EYERAD/	MAX WINDS PRES/	ACTUAL/	RADIUS REL	/MAX WD/

/GLADYS / 640917 / 15600 / 577 / 1749-1805 / I / 24 / 64 / 516 /

/10 / 300 / 180 / N / 2 / 0 / 13 / 945 / 105 / 95 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	28	9	15	7	999	9.0
7.5	35	17	25	17	999	6.8
10.0	46	11	37	8	999	4.4
12.5	93	30	84	27	999	4.9
15.0	106	15	95	12	999	2.0
17.5	95	17	85	20	999	1.6
20.0	93	22	84	19	999	1.4
22.5	83	18	74	15	999	1.8
25.0	91	20	72	17	999	1.3
27.5	76	15	66	13	999	.7
30.0	75	16	66	13	999	.3
32.5	75	13	66	9	999	.1
35.0	73	18	64	14	999	.5
37.5	70	13	61	9	999	-.2
40.0	68	15	57	11	999	0.0
42.5	67	15	58	11	999	0.0
45.0	68	16	59	12	999	0.0
47.5	69	17	60	13	999	-.1
50.0	69	20	60	16	999	-.4

/GLADYS / 640917 / 15600 / 577 / 1807-1822 / O/ 24 / 64 / 518 /

/10 / 300 / 180 / S / 6 / 180 / 13 / 945 / 87 / 94 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	-9	17	-1	999	11.1
7.5	24	-14	32	-8	999	10.5
10.0	59	-14	66	-7	999	7.3
12.5	87	-16	94	-9	999	4.0
15.0	83	-19	90	-13	999	3.7
17.5	74	-18	81	-11	999	2.1
20.0	75	-19	82	-12	999	1.9
22.5	71	-15	78	-9	999	1.0
25.0	73	-17	80	-10	999	.5
27.5	69	-16	77	-9	999	.6
30.0	69	-12	76	-5	999	.9
32.5	69	-14	76	-7	999	1.0
35.0	62	-13	70	-7	999	.4
37.5	56	-12	64	-6	999	.2
40.0	47	-19	55	-13	999	.2
42.5	54	-12	62	-6	999	-.3
45.0	57	-16	65	-10	999	-.4
47.5	53	-17	61	-11	999	-.3
50.0	53	-17	61	-12	999	-.4

/GLADYS / 640917 / 15600 / 577 / 1852-1906 / I / 24 / 64 / 517 /

/10 / 300 / 270 / E / 4 / 90 / 13 / 945 / 98 / 93 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	-2	18	8	999	9.7
7.5	35	-3	31	6	999	7.2
10.0	76	-13	71	-4	999	4.7
12.5	98	-12	93	-3	999	1.9
15.0	99	-4	93	5	999	1.7
17.5	88	-7	83	2	999	1.0
20.0	85	-1	80	7	999	.3
22.5	77	-4	71	5	999	.3
25.0	76	-4	71	3	999	-.1
27.5	83	-9	77	0	999	-.4
30.0	78	-1	73	8	999	-.3
32.5	76	2	70	11	999	-.2
35.0	70	-2	65	7	999	-.2
37.5	64	-5	59	4	999	0.0
40.0	55	-7	60	1	999	0.0
42.5	67	1	62	9	999	-.1
45.0	66	-1	61	7	999	-.3
47.5	72	0	67	8	999	-.2
50.0	66	0	61	9	999	-.1

/GLADYS / 640917 / 15600 / 577 / 1909-1923 / O / 24 / 64 / 519 /

/10 / 300 / 270 / W / 8 / 270 / 13 / 945 / 87 / 93 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	7	0	14	-6	999	9.4
7.5	19	3	26	-4	999	9.0
10.0	44	8	50	0	999	7.2
12.5	77	7	83	-1	999	5.0
15.0	87	0	93	-7	999	2.8
17.5	77	-1	84	-7	999	2.2
20.0	72	-1	79	-8	999	1.8
22.5	68	-1	75	-9	999	.7
25.0	66	1	73	-7	999	1.3
27.5	72	10	78	2	999	1.0
30.0	65	15	71	8	999	1.0
32.5	62	8	68	0	999	.1
35.0	55	4	61	-4	999	-.3
37.5	60	1	66	-7	999	0.0
40.0	58	5	64	-3	999	0.0
42.5	61	13	67	5	999	-.1
45.0	55	6	61	-2	999	.1
47.5	53	3	59	-5	999	-.3
50.0	52	4	58	-4	999	-.1

STORM 15

LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
GLADYS	640917	15600	577	1749-1805	I	24	64	300	10	180	N	2	0	516	13	945	105	15.0	95
GLADYS	640917	15600	577	1852-1906	I	24	64	300	10	270	E	4	90	517	13	945	98	12.5	93
GLADYS	640917	15600	577	1807-1822	O	24	64	300	10	180	S	6	180	518	13	945	87	12.5	94
GLADYS	640917	15600	577	1909-1923	O	24	64	300	10	270	W	8	270	519	13	945	87	15.0	93

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	-0	16	2	999	9.8	333
7.5	28	0	28	2	999	8.4	846
10.0	56	-2	56	-0	999	5.9	3327
12.5	88	2	88	3	999	3.9	7937
15.0	93	-2	92	-0	999	2.5	8771
17.5	83	-2	83	1	999	1.7	7043
20.0	81	0	81	1	999	1.3	6670
22.5	74	-0	74	0	999	.9	5620
25.0	74	-0	74	0	999	.7	5505
27.5	75	0	74	1	999	.5	5652
30.0	71	4	71	6	999	.5	5173
32.5	70	2	70	3	999	.2	4963
35.0	65	1	65	2	999	.1	4274
37.5	62	-0	62	0	999	0.0	3933
40.0	59	-1	59	-1	999	.1	3605
42.5	62	4	62	4	999	-.1	3903
45.0	61	1	61	1	999	-.1	3813
47.5	61	0	61	1	999	-.2	3890
50.0	60	1	60	2	999	-.2	3657

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	20	-0	20	2	999	9.3	504
7.5	33	-0	33	1	999	8.0	1381
10.0	58	-0	58	0	999	5.9	3993
12.5	92	0	92	1	999	4.1	7160
15.0	88	-1	87	0	999	2.7	7936
17.5	84	-1	83	0	999	1.9	7173
20.0	80	-0	80	1	999	1.4	6533
22.5	75	-0	75	0	999	1.0	5820
25.0	74	-0	74	0	999	.7	5620
27.5	74	1	73	2	999	.5	5524
30.0	71	3	71	4	999	.4	5209
32.5	69	2	69	3	999	.3	4852
35.0	65	1	65	2	999	.1	4333
37.5	62	-0	62	0	999	.0	3951
40.0	60	0	60	0	999	.0	3766
42.5	61	2	61	3	999	-.1	3846
45.0	61	1	61	1	999	-.2	3841
47.5	61	1	61	1	999	-.2	3820
50.0	60	1	60	2	999	-.2	3711

STORM 16

LEVEL 1

STORM	DATE	PRES ALT FEET	MB.	TIME IN INTERVAL	/OUT/ LAT/LONG/	TD

STORM SPD/	DIR	TRUE HDG	/NOTH/	OCTANT STM/	AZMTH ANGLE/	IN PER CENT EYERAD/	MAX WINDS PRES/	ACTUAL/	RADIUS REL	/MAX WD/

/HILDA / 641001 / 3240 / 907 / 1447-1511 / 0 / 24 / 91 / 379 /

/ 5 / 310 / 180 / N / 2 / 5 / 10 / 950 / 109 / 104 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	56	-4	49	-5	-1620	24.1
7.5	77	16	71	13	-1580	23.5
10.0	109	8	104	5	-1360	22.9
12.5	106	6	101	1	-1210	22.5
15.0	96	3	91	-1	-1040	22.1
17.5	92	1	87	-4	-880	21.7
20.0	94	3	85	-1	-790	21.3
22.5	93	5	85	0	-710	20.9
25.0	90	-2	83	-6	-640	20.5
27.5	88	-7	82	-12	-570	20.0
30.0	85	-12	82	-17	-510	19.7
32.5	84	-9	77	-14	-460	19.7
35.0	81	-3	76	-7	-420	19.9
37.5	77	-8	75	-13	-390	19.8
40.0	79	-2	75	-7	-360	19.6
42.5	76	-2	70	7	-330	19.3
45.0	73	-3	68	-7	-310	19.4
47.5	71	-5	66	-9	-290	19.6
50.0	56	-6	51	-10	-270	19.8

/HILDA / 641001 / 3240 / 907 / 1429-1447 / 1 / 24 / 91 / 381 /

/ 5 / 310 / 3 / S / 6 / 180 / 10 / 950 / 89 / 94 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	25	12	30	17	-1520	24.4
7.5	40	9	46	13	-1390	24.7
10.0	56	9	61	13	-1250	24.8
12.5	86	-8	91	-4	-1110	23.4
15.0	89	-4	94	1	-960	22.5
17.5	85	3	91	7	-850	22.0
20.0	75	0	80	5	-770	21.7
22.5	78	0	83	5	-690	21.5
25.0	73	-5	78	-1	-640	21.3
27.5	66	-2	71	3	-600	21.2
30.0	60	0	65	5	-560	21.1
32.5	59	-7	66	-2	-530	21.0
35.0	59	-4	66	0	-500	20.9
37.5	57	-11	63	-7	-460	20.7
40.0	56	-7	65	-3	-430	20.5
42.5	59	-6	64	-2	-400	20.4
45.0	55	-10	61	-5	-390	20.4
47.5	51	-11	56	-7	-320	20.3
50.0	45	-16	50	-12	-320	20.4

/HILDA / 641001 / 3240 / 907 / 1320-1343 / 1 / 24 / 91 / 380 /

/ 5 / 310 / 290 / E / 4 / 80 / 9 / 950 / 110 / 104 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	36	23	30	20	-1520	24.0
7.5	64	36	57	36	-1460	23.1
10.0	94	35	88	38	-1300	22.7
12.5	110	7	104	10	-1110	22.1
15.0	93	-1	92	2	-960	21.6
17.5	91	-7	87	-3	-850	21.4
20.0	87	0	84	4	-770	21.3
22.5	86	-13	77	-9	-710	21.1
25.0	83	-15	76	-11	-650	20.7
27.5	79	-19	70	-15	-610	20.7
30.0	89	-31	84	-27	-590	20.7
32.5	77	-33	72	-28	-555	20.6
35.0	70	-26	65	-21	-510	20.4
37.5	72	-24	65	-18	-460	20.3
40.0	72	-27	65	-23	-480	20.1
42.5	66	-31	61	-27	-390	19.7
45.0	72	-29	63	-25	-370	19.5
47.5	66	-31	61	-28	-350	19.5
50.0	67	-28	62	-24	-350	19.7

/HILDA / 641001 / 3240 / 907 / 1343-1407 / 0 / 24 / 91 / 382 /

/ 5 / 310 / 260 / W / 8 / 260 / 9 / 950 / 83 / 86 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-7	27	-13	-1530	24.6
7.5	44	-6	50	-10	-1500	24.7
10.0	60	-7	67	-11	-1380	24.0
12.5	76	-4	81	-8	-1260	22.7
15.0	81	-2	85	-6	-1120	22.0
17.5	83	4	86	0	-1010	21.7
20.0	77	7	83	3	-940	21.5
22.5	76	8	83	3	-870	21.3
25.0	76	10	79	6	-800	21.2
27.5	73	8	77	3	-750	21.1
30.0	70	4	68	-1	-710	21.0
32.5	64	1	67	-4	-680	20.9
35.0	61	5	63	1	-630	20.8
37.5	60	6	64	2	-600	20.6
40.0	60	9	60	4	-570	20.5
42.5	56	5	60	1	-540	20.4
45.0	54	11	57	7	-510	20.2
47.5	50	11	58	6	-480	20.2
50.0	50	3	49	-1	-460	20.4

STORM 16

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-C	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HILDA	641001	3240	907	1447-1511	O	24	91	310	5	180	N	2	5	379	10	950	109	10.0	104
HILDA	641001	3240	907	1320-1343	I	24	91	310	5	280	E	4	80	380	9	950	110	12.5	104
HILDA	641001	3240	907	1429-1447	I	24	91	310	5	3	S	6	180	381	10	950	89	15.0	94
HILDA	641001	3240	907	1343-1407	O	24	91	310	5	260	W	8	260	382	9	950	83	17.5	86

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	35	5	33	4	-1547	24.3	1403
7.5	56	13	55	12	-1480	24.0	3375
10.0	79	11	79	10	-1323	23.4	6826
12.5	94	0	94	-0	-1173	22.7	9083
15.0	90	-1	90	-1	-1021	22.1	8304
17.5	87	0	86	0	-901	21.7	7705
20.0	83	2	82	2	-818	21.5	6978
22.5	83	0	82	-0	-746	21.2	6964
25.0	80	-2	79	-2	-683	20.9	6515
27.5	76	-4	75	-5	-633	20.8	5911
30.0	75	-9	74	-9	-593	20.6	5890
32.5	70	-11	70	-11	-554	20.6	5127
35.0	67	-6	67	-6	-515	20.5	4657
37.5	66	-9	66	-8	-478	20.4	4479
40.0	66	-6	66	-7	-460	20.2	4529
42.5	64	-8	63	-5	-416	20.0	4178
45.0	63	-7	62	-7	-395	19.9	4097
47.5	59	-8	60	-9	-360	19.9	3611
50.0	54	-11	52	-11	-350	20.1	3023

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	42	8	41	7	-1525	24.2	2060
7.5	58	11	58	10	-1452	23.9	3909
10.0	77	8	78	8	-1317	23.3	6661
12.5	89	1	89	1	-1171	22.7	8283
15.0	89	0	89	-0	-1028	22.1	8149
17.5	87	0	86	0	-912	21.7	7634
20.0	84	1	83	1	-823	21.5	7139
22.5	82	-0	81	-0	-749	21.2	6896
25.0	80	-2	78	-2	-687	21.0	6459
27.5	77	-5	75	-5	-636	20.8	6043
30.0	74	-9	73	-9	-594	20.6	5737
32.5	71	-9	70	-9	-554	20.6	5162
35.0	69	-8	68	-7	-516	20.5	4739
37.5	66	-8	66	-8	-483	20.3	4556
40.0	66	-7	65	-6	-455	20.2	4448
42.5	64	-7	63	-6	-420	20.0	4225
45.0	62	-7	62	-7	-393	19.9	4008
47.5	58	-9	58	-9	-366	20.0	3563
50.0	55	-10	54	-10	-356	20.0	3203

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG /NOTH/STM/ANGLE/EYERAD/ OCTANT AZMTH / IN PDR CENT PRES/ACTUAL/REL / MAX WINDS RADIUS /MAX WD/

STORM 16
LEVEL 2

/HILDA / 641001 / 8090 / 763 / 1730-1745 / I / 24 / 91 / 383 /

/ 5 / 310 / 245 / SE / 3 / 40 / 8 / 945 / 109 / 103 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	17	0	16	-5	-1350	17.2
7.5	43	-1	46	-4	-1300	16.0
10.0	81	12	73	9	-1140	15.0
12.5	103	-1	103	-3	-990	14.0
15.0	93	0	86	-1	-800	13.0
17.5	86	5	79	4	-650	12.8
20.0	81	7	75	5	-540	12.8
22.5	83	6	72	4	-460	12.7
25.0	75	5	71	4	-390	12.1
27.5	78	11	68	10	-330	12.0
30.0	70	2	64	2	-290	12.0
32.5	70	5	62	5	-250	11.7
35.0	70	2	61	2	-220	11.4
37.5	64	4	60	4	-180	11.1
40.0	63	4	58	5	-160	11.5
42.5	66	6	60	5	-140	11.8
45.0	71	3	63	4	-130	11.8
47.5	70	8	63	9	-110	11.5
50.0	73	1	66	3	-90	11.4

/HILDA / 641001 / 8090 / 763 / 1830-1858 / I / 24 / 91 / 385 /

/ 5 / 310 / 0 / S / 6 / 170 / 7 / 941 / 107 / 111 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	43	3	48	7	-1470	17.0
7.5	84	-4	35	0	-1420	16.8
10.0	107	-5	111	-2	-1310	15.2
12.5	95	-7	106	-2	-1130	14.8
15.0	88	-9	92	-5	-930	14.5
17.5	76	-12	80	-7	-740	14.3
20.0	74	-15	85	-10	-600	14.3
22.5	74	-15	79	-11	-520	14.4
25.0	72	-16	77	-11	-440	14.3
27.5	71	-12	75	-7	-380	14.3
30.0	66	-14	73	-9	-330	13.6
32.5	61	-15	69	-11	-290	13.3
35.0	56	-13	63	-8	-250	13.6
37.5	56	-10	61	-6	-220	13.8
40.0	59	-14	60	-9	-200	13.7
42.5	60	-10	61	-5	-160	13.6
45.0	60	-13	63	-8	-140	14.0
47.5	60	-11	64	-7	-110	13.7
50.0	58	-10	63	-6	-80	13.1

/HILDA / 641001 / 8090 / 763 / 1840-1857 / I / 24 / 91 / 387 /

/ 5 / 310 / 118 / W / 8 / 283 / 9 / 950 / 92 / 97 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	-12	18	-11	-1320	20.0
7.5	27	-9	33	-10	-1300	20.0
10.0	68	-4	74	-6	-1220	16.8
12.5	92	2	97	-1	-1080	15.9
15.0	86	14	91	10	-840	15.3
17.5	77	17	82	13	-680	14.6
20.0	76	19	80	14	-540	14.4
22.5	71	15	75	9	-460	14.5
25.0	69	14	73	8	-390	14.3
27.5	67	12	71	6	-330	14.2
30.0	66	11	70	5	-290	14.0
32.5	65	15	68	9	-250	13.7
35.0	62	12	65	6	-230	13.7
37.5	61	15	65	9	-190	13.5
40.0	65	16	68	10	-150	13.2
42.5	63	10	66	4	-120	13.1
45.0	59	13	62	7	-90	12.8
47.5	58	12	61	5	-80	12.6
50.0	59	12	62	5	-50	12.7

/HILDA / 641001 / 8090 / 763 / 1657-1715 / O / 24 / 91 / 384 /

/ 5 / 310 / 135 / SE / 5 / 135 / 9 / 950 / 93 / 95 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	9	31	4	-1300	19.6
7.5	47	14	53	11	-1260	19.7
10.0	64	6	69	11	-1230	18.2
12.5	95	-6	88	0	-1020	16.8
15.0	93	-9	95	-3	-870	15.9
17.5	83	-6	84	1	-690	15.6
20.0	78	-15	79	-8	-590	15.5
22.5	73	-12	73	-5	-510	15.4
25.0	69	-14	69	-7	-430	15.7
27.5	66	-17	67	-10	-380	14.4
30.0	70	-17	70	-10	-350	14.3
32.5	66	-19	66	-12	-300	13.5
35.0	63	-16	63	-10	-250	13.4
37.5	60	-14	59	-8	-210	13.4
40.0	60	-16	60	-9	-180	13.5
42.5	57	-12	56	-5	-150	13.2
45.0	54	-14	53	-7	-130	13.1
47.5	59	-14	59	-7	-100	12.8
50.0	54	-11	53	-5	-80	12.7

/HILDA / 641001 / 8090 / 763 / 1745-1800 / O / 24 / 91 / 386 /

/ 5 / 310 / 250 / W / 8 / 250 / 8 / 945 / 100 / 104 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	-17	20	-19	-1340	19.9
7.5	37	-11	47	-17	-1280	17.6
10.0	73	-21	70	-26	-1160	17.7
12.5	100	3	104	-2	-990	15.9
15.0	92	-12	98	-17	-830	15.7
17.5	73	-10	79	-14	-660	15.2
20.0	63	-10	72	-14	-560	15.1
22.5	63	-5	69	-8	-480	14.9
25.0	61	-8	67	-11	-420	15.2
27.5	58	-8	63	-11	-360	15.6
30.0	57	-6	59	-9	-320	15.3
32.5	49	-4	58	-7	-270	14.2
35.0	54	-1	58	-4	-240	13.3
37.5	50	0	55	-3	-210	13.6
40.0	48	-1	53	-4	-190	13.7
42.5	47	-2	51	-5	-160	13.7
45.0	46	-1	52	-4	-130	13.4
47.5	47	-4	53	-7	-120	13.5
50.0	45	-8	52	-10	-90	13.1

STORM 16

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HILDA	641001	9000	763	1730-1745	I	24	91	310	5	245	NE	3	40	383	8	945	109	12.5	103
HILDA	641001	9000	763	1657-1715	O	24	91	310	5	135	SE	5	135	384	9	950	93	15.0	95
HILDA	641001	9000	763	1830-1858	I	24	91	310	5	0	S	6	170	385	7	941	107	10.0	111
HILDA	641001	9000	763	1745-1800	O	24	91	310	5	250	W	8	250	386	8	945	100	12.5	104
HILDA	641001	9000	763	1640-1657	I	24	91	310	5	118	W	8	283	387	9	950	92	12.5	97

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	21	-2	24	-4	-1352	18.6	590
7.5	45	-2	42	-3	-1308	17.9	2437
10.0	78	-0	78	-1	-1203	16.4	6299
12.5	97	-1	99	-1	-1036	15.3	9577
15.0	90	-2	91	-2	-846	14.7	8214
17.5	79	0	80	0	-679	14.3	6415
20.0	75	-0	77	-0	-561	14.2	5731
22.5	74	-0	73	-0	-481	14.2	5538
25.0	69	-1	71	-1	-409	14.0	4919
27.5	69	-0	68	-0	-351	13.8	4846
30.0	66	-3	66	-3	-311	13.6	4440
32.5	63	-1	64	-1	-268	13.1	4080
35.0	62	-2	62	-1	-235	12.9	3918
37.5	60	0	60	0	-198	12.8	3720
40.0	59	-0	59	-0	-171	12.9	3616
42.5	59	-0	59	-0	-143	12.9	3617
45.0	59	-1	59	-0	-123	12.8	3643
47.5	60	-0	60	0	-103	12.6	3693
50.0	59	-2	60	-1	-78	12.4	3675

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	29	-2	30	-4	-1337	18.4	1205
7.5	50	-1	48	-3	-1289	17.6	3094
10.0	75	-0	76	-1	-1183	16.4	6317
12.5	90	-1	91	-1	-1025	15.4	8421
15.0	87	-1	88	-1	-849	14.8	7816
17.5	80	-0	82	-0	-692	14.4	6594
20.0	76	-0	77	-0	-574	14.3	5898
22.5	73	-1	74	-1	-486	14.2	5473
25.0	70	-1	71	-1	-414	14.0	5039
27.5	68	-1	68	-1	-357	13.8	4793
30.0	66	-2	66	-2	-312	13.5	4438
32.5	64	-2	64	-1	-271	13.1	4129
35.0	62	-1	62	-1	-235	12.9	3921
37.5	60	-0	60	-0	-200	12.9	3744
40.0	60	-0	59	-0	-171	12.9	3648
42.5	59	-0	59	-0	-145	12.9	3631
45.0	59	-0	59	-0	-123	12.8	3652
47.5	60	-0	60	-0	-102	12.6	3679
50.0	59	-1	60	-1	-86	12.5	3676

STORM 16
LEVEL 3

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	TD

STORM SPD/	TRUE DIR /	OCTANT HDG	AZMTH /NOTH/STM/	ANGLE/EYERAD/	IN PER CENT PRES/ACTUAL/	REL	MAX WINDS /MAX WD/	RADIUS

/HILDA / 641001 / 11780 / 667 / 1235-1252 / I / 24 / 91 / 388 /

/ 5 / 310 / 270 / E / 4 / 90 / 6 / 950 / 86 / 82 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	-31	30	-24	-930	14.0
7.5	43	-28	42	-22	-840	12.6
10.0	50	-23	49	-17	-740	10.8
12.5	70	-19	69	-12	-650	10.1
15.0	86	-13	82	-7	-530	10.0
17.5	90	-13	77	-7	-420	8.8
20.0	79	-11	75	-6	-300	8.4
22.5	72	-14	70	-9	-240	8.1
25.0	65	-19	65	-13	-170	7.4
27.5	65	-6	62	-1	-110	7.6
30.0	65	-8	60	-3	-80	7.6
32.5	68	-13	56	-8	-50	7.5
35.0	57	-4	52	9	-20	6.6
37.5	55	-8	51	-3	10	6.2
40.0	55	-5	51	0	50	6.0
42.5	56	1	47	6	80	6.4
45.0	48	-4	43	1	100	6.6
47.5	45	-9	42	-4	120	6.4
50.0	49	-7	46	-3	130	6.3

/HILDA / 641001 / 11780 / 667 / 1252-1309 / O / 24 / 91 / 390 /

/ 5 / 310 / 267 / W / 8 / 267 / 6 / 950 / 88 / 93 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	42	18	55	15	-920	14.4
7.5	50	9	56	6	-800	13.0
10.0	38	-1	93	-5	-680	12.0
12.5	75	10	80	6	-570	11.3
15.0	76	3	81	-1	-450	10.3
17.5	75	6	78	2	-360	9.8
20.0	64	2	75	-3	-280	9.3
22.5	68	1	74	-3	-220	8.6
25.0	64	1	68	-3	-170	8.4
27.5	59	-4	64	-9	-120	8.2
30.0	58	-4	61	-8	-80	8.2
32.5	55	-4	60	-9	-50	8.2
35.0	55	-2	59	-6	-10	8.0
37.5	49	-6	58	-11	30	7.7
40.0	50	-12	56	-17	70	7.0
42.5	50	-9	55	-14	90	6.8
45.0	50	-6	56	-11	100	6.9
47.5	50	-13	57	-18	120	6.7
50.0	49	-10	58	-15	140	6.5

/HILDA / 641001 / 11780 / 667 / 1331-1347 / I / 24 / 91 / 389 /

/ 5 / 310 / 350 / S / 6 / 170 / 8 / 950 / 75 / 76 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	-7	29	-1	-900	14.6
7.5	38	4	40	9	-860	13.2
10.0	40	3	57	8	-780	11.7
12.5	66	-7	70	-2	-660	10.9
15.0	75	-12	76	-7	-540	10.2
17.5	69	-6	74	-1	-400	9.8
20.0	64	-10	69	-5	-320	9.3
22.5	62	-9	64	-3	-250	9.2
25.0	56	-9	60	-4	-190	9.1
27.5	55	-5	58	1	-140	8.7
30.0	55	-8	57	-3	-100	8.2
32.5	52	-5	56	1	-60	7.8
35.0	48	-5	53	0	-10	7.4
37.5	48	-6	52	-1	20	7.5
40.0	42	-2	54	4	30	7.6
42.5	47	0	55	6	40	7.7
45.0	48	0	54	5	70	7.6
47.5	47	3	51	9	90	6.8
50.0	39	0	47	5	100	6.6

/HILDA / 641001 / 11780 / 667 / 1347-1404 / O / 24 / 91 / 391 /

/ 5 / 310 / 350 / N / 2 / 350 / 9 / 950 / 90 / 86 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	47	3	39	-1	-920	14.0
7.5	49	8	47	4	-810	12.1
10.0	70	13	61	8	-700	11.2
12.5	55	33	68	28	-590	11.0
15.0	90	8	86	3	-460	9.9
17.5	88	9	84	3	-340	9.2
20.0	74	6	72	0	-250	8.4
22.5	65	1	64	-4	-190	8.2
25.0	69	11	62	6	-120	8.2
27.5	72	11	65	6	-80	7.8
30.0	72	2	65	-3	-30	7.4
32.5	67	-2	62	-7	20	7.3
35.0	61	-3	58	-9	40	7.4
37.5	63	2	56	-4	70	7.1
40.0	58	-2	53	-7	90	7.3
42.5	55	1	53	-4	110	7.2
45.0	65	5	61	-1	110	7.0
47.5	63	-2	60	-8	130	6.8
50.0	999	999	999	999	999	999.0

STORM 16

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HILDA	641001	11730	667	1235-1252	I	24	91	310	5	270	E	4	90	388	6	950	86	15.0	82
HILDA	641001	11730	667	1331-1347	I	24	91	310	5	350	S	6	170	389	8	950	75	15.0	76
HILDA	641001	11730	667	1252-1309	O	24	91	310	5	267	W	8	267	390	6	950	88	10.0	93
HILDA	641001	11730	667	1347-1404	O	24	91	310	5	350	N	2	350	391	8	950	90	15.0	86

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	35	-4	38	-2	-917	14.2	1337
7.5	45	-1	46	-0	-827	12.7	2052
10.0	62	-1	65	-1	-724	11.4	4199
12.5	66	4	71	5	-617	10.8	4470
15.0	81	-3	81	-2	-494	10.1	6734
17.5	78	-0	78	-0	-379	9.4	6144
20.0	70	-3	72	-3	-287	8.8	4982
22.5	66	-5	67	-4	-224	8.5	4470
25.0	63	-3	63	-3	-162	8.3	4061
27.5	62	-0	62	-0	-112	8.1	3987
30.0	62	-4	60	-4	-72	7.8	3958
32.5	60	-5	58	-5	-34	7.7	3717
35.0	55	-1	55	-1	0	7.3	3080
37.5	53	-4	54	-4	32	7.1	2931
40.0	51	-5	53	-5	60	7.0	2669
42.5	52	-1	52	-1	80	7.0	2720
45.0	52	-1	53	-1	95	7.0	2841
47.5	51	-5	52	-5	115	6.7	2683
50.0	46	-6	50	-5	126	6.5	2184

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	38	-3	40	-2	-887	13.7	1575
7.5	47	-2	49	-1	-816	12.7	2470
10.0	59	-0	62	0	-720	11.6	3835
12.5	68	1	71	1	-612	10.9	4877
15.0	77	-1	78	-1	-495	10.1	6122
17.5	76	-1	76	-1	-385	9.4	5848
20.0	70	-3	72	-3	-296	8.9	5071
22.5	66	-4	68	-4	-226	8.6	4518
25.0	64	-3	64	-2	-165	8.3	4157
27.5	63	-2	62	-2	-115	8.1	4022
30.0	62	-4	60	-4	-73	7.9	3914
32.5	59	-4	58	-4	-35	7.7	3607
35.0	56	-2	55	-2	-0	7.4	3175
37.5	53	-4	54	-4	31	7.1	2927
40.0	52	-4	53	-3	58	7.0	2746
42.5	52	-2	53	-2	78	7.0	2757
45.0	52	-2	53	-2	95	6.9	2780
47.5	51	-4	52	-4	112	6.7	2682
50.0	46	-6	50	-5	121	6.5	2214

STORM 16
LEVEL 4

STORM	DATE	PRES ALT FEET	YR.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NORTH	IN PER CENT STM/ANGLE	EYERAD	MAX WINDS PRES/ACTUAL	REL	RADIUS MAX WD

/HILDA / 641001 / 18280 / 520 / 1616-1636 / I / 24 / 91 / 392 /

/ 5 / 310 / 230 / NE / 3 / 50 / 9 / 950 / 70 / 61 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	-400	2.6
7.5	999	999	999	999	-330	2.0
10.0	999	999	999	999	-230	1.6
12.5	999	999	999	999	-90	1.5
15.0	999	999	999	999	20	1.0
17.5	999	999	999	999	90	.9
20.0	70	-14	61	-13	180	.8
22.5	67	-13	59	-12	250	.8
25.0	64	-10	60	-9	310	.7
27.5	62	-8	55	-7	360	.7
30.0	57	-4	52	-2	390	.8
32.5	51	-7	47	-3	430	.7
35.0	48	-9	43	-8	450	.7
37.5	46	-11	38	-9	480	.6
40.0	47	-10	37	-9	510	.7
42.5	50	-7	43	-6	530	.7
45.0	999	999	999	999	540	.8
47.5	999	999	999	999	550	.8
50.0	999	999	999	999	580	.8

/HILDA / 641001 / 18280 / 520 / 1716-1734 / I / 24 / 91 / 394 /

/ 5 / 310 / 355 / S / 6 / 175 / 9 / 950 / 81 / 86 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	15	999	21	999	-440	2.2
7.5	36	999	34	999	-380	1.7
10.0	46	-2	51	4	-270	1.4
12.5	81	1	86	6	-130	1.2
15.0	72	-2	77	3	20	.9
17.5	71	0	64	5	140	.6
20.0	67	-4	73	2	200	.6
22.5	64	0	68	6	260	.6
25.0	60	-3	64	2	310	.5
27.5	56	-6	61	-1	360	.5
30.0	52	-3	56	2	390	.6
32.5	46	-4	50	1	420	.6
35.0	43	-1	48	4	470	.6
37.5	42	2	45	7	790	.6
40.0	43	5	47	10	500	.3
42.5	44	3	43	8	510	.2
45.0	44	7	42	12	510	0.0
47.5	44	1	45	6	520	-.4
50.0	47	1	47	7	530	-.8

/HILDA / 641001 / 18280 / 520 / 1545-1603 / D / 24 / 91 / 393 /

/ 5 / 310 / 120 / SE / 5 / 120 / 9 / 950 / 90 / 86 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	34	-6	29	1	-150	2.7
7.5	65	-11	41	-4	-70	2.3
10.0	55	-4	52	2	30	2.2
12.5	90	-8	86	-1	150	1.8
15.0	80	-11	79	-5	270	1.6
17.5	76	-4	73	2	360	1.0
20.0	72	-6	72	1	430	.9
22.5	69	-6	68	1	470	.7
25.0	66	-10	66	-3	520	.6
27.5	65	-10	62	-4	550	.8
30.0	58	-5	60	2	580	.8
32.5	56	-2	52	4	620	.8
35.0	55	-4	54	3	650	.8
37.5	55	-3	51	4	670	.6
40.0	55	-5	51	2	690	.5
42.5	53	-4	49	3	710	.5
45.0	47	-4	48	3	730	.5
47.5	43	0	41	7	750	.4
50.0	43	-5	41	2	770	.4

/HILDA / 641001 / 18280 / 520 / 1803-1812 / I / 24 / 91 / 395 /

/ 5 / 310 / 0 / S / 6 / 180 / 9 / 950 / 77 / 87 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	-1	19	3	-520	1.2
7.5	32	4	37	8	-450	1.0
10.0	70	16	75	20	-290	.5
12.5	77	8	81	12	-140	.4
15.0	76	-1	81	3	-20	.4
17.5	70	2	74	6	100	.4
20.0	64	1	67	5	160	.3
22.5	64	-2	69	2	210	.3
25.0	57	-1	62	3	260	.3
27.5	53	-2	58	2	320	.3
30.0	52	-6	57	-2	320	.3
32.5	55	-9	60	-5	360	.3
35.0	58	-6	64	-3	400	.3
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 16

LEVEL 4

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN PER CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/HILDA / 641001 / 18290 / 520 / 1636-1701 / 0/ 24 / 91 / 396 /

/ 5 / 310 / 245 / SW / 8 / 245 / 9 / 950 / 85 / 91 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	-2	18	-8	-370	4.4
7.5	34	2	35	-3	-330	3.7
10.0	79	-15	84	-20	-260	1.6
12.5	95	-5	91	-8	-140	1.0
15.0	74	4	79	2	-20	0.0
17.5	70	6	75	3	110	-1.0
20.0	67	2	76	0	180	-1.3
22.5	64	-3	71	-6	250	-1.4
25.0	62	-4	67	-6	280	-1.7
27.5	57	-1	65	-2	310	-1.8
30.0	51	-1	55	-4	340	-1.9
32.5	51	6	56	4	390	-2.0
35.0	57	5	64	3	410	-2.2
37.5	59	9	66	7	450	-2.0
40.0	54	6	62	3	490	-1.9
42.5	48	4	52	1	510	-2.0
45.0	45	6	47	4	530	-2.1
47.5	45	2	54	-1	550	-2.3
50.0	48	0	56	-2	580	-2.5

/HILDA / 641001 / 18280 / 520 / 1812-1835 / 0 / 24 / 91 / 398 /

/ 5 / 310 / 305 / NW / 1 / 305 / 8 / 950 / 85 / 85 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	34	3	30	-3	-190	3.0
7.5	60	14	59	8	-40	1.4
10.0	80	999	80	999	150	-.1
12.5	95	999	85	999	270	-.4
15.0	80	999	80	999	380	-.6
17.5	75	999	75	999	460	-.9
20.0	68	999	68	999	520	-.9
22.5	64	999	64	999	570	-.6
25.0	60	999	60	999	610	-.4
27.5	56	-5	55	-11	640	-.4
30.0	51	0	51	-7	680	-.7
32.5	49	1	51	-5	700	-.8
35.0	49	-3	50	-9	730	-1.0
37.5	49	-2	49	-8	760	-1.1
40.0	51	-1	52	-7	780	-1.4
42.5	53	0	54	-6	800	-1.2
45.0	53	3	53	-5	820	-1.1
47.5	49	3	49	-3	850	-1.3
50.0	49	4	53	-3	890	-1.4

/HILDA / 641001 / 18280 / 520 / 1526-1545 / 1 / 24 / 91 / 397 /

/ 5 / 310 / 120 / NW / 1 / 297 / 9 / 950 / 74 / 76 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	5	28	-1	-17	.9
7.5	36	11	38	4	-13	.6
10.0	58	7	60	0	-3	.6
12.5	74	10	76	3	16	.6
15.0	70	10	72	3	21	.7
17.5	74	10	76	3	30	.7
20.0	72	10	74	3	42	.8
22.5	67	12	67	5	49	.8
25.0	62	11	62	5	54	.8
27.5	59	12	58	6	60	.8
30.0	54	16	56	9	64	.9
32.5	48	6	47	0	65	.9
35.0	46	8	47	1	68	1.0
37.5	44	10	45	4	70	1.1
40.0	44	8	47	2	73	1.0
42.5	43	10	42	3	75	1.0
45.0	44	5	47	-1	77	.8
47.5	49	3	49	-4	78	.6
50.0	52	0	52	-7	81	.4

STORM 16
LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HILDA	641001	18280	520	1616-1636	I	24	91	310	5	230	NE	3	50	392	9	950	70	20.0	61
HILDA	641001	18280	520	1545-1603	O	24	91	310	5	120	SE	5	120	393	9	950	90	12.5	86
HILDA	641001	18280	520	1716-1734	I	24	91	310	5	355	S	6	175	394	9	950	81	12.5	86
HILDA	641001	18280	520	1803-1812	I	24	91	310	5	0	S	6	180	395	9	950	77	12.5	87
HILDA	641001	18280	520	1636-1701	O	24	91	310	5	245	SW	8	245	396	9	950	85	12.5	91
HILDA	641001	18280	520	1526-1545	I	24	91	310	5	120	NW	1	297	397	9	950	74	12.5	76
HILDA	641001	18280	520	1812-1835	O	24	91	310	5	305	NW	1	305	398	8	950	85	12.5	85

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	25	-1	25	-1	-301	2.7	774
7.5	44	1	43	1	-228	2.0	2065
10.0	66	-0	67	-0	-120	1.2	4540
12.5	84	0	85	1	0	1.0	7177
15.0	77	0	78	0	109	.6	5962
17.5	73	3	73	3	198	.2	5423
20.0	68	-2	69	-1	264	.1	4750
22.5	65	-2	65	-2	318	.1	4339
25.0	62	-2	62	-2	362	.1	3877
27.5	59	-4	58	-3	399	.1	3512
30.0	54	-1	54	-1	426	.1	2935
32.5	51	-1	51	-0	460	.0	2638
35.0	51	-2	52	-2	487	-.0	2647
37.5	49	-0	48	-0	571	-.1	2453
40.0	49	-0	48	-0	542	-.1	2446
42.5	49	-0	47	-0	558	-.2	2416
45.0	47	2	47	2	571	-.2	2260
47.5	45	1	46	2	587	-.3	2080
50.0	46	-0	48	0	609	-.5	2200

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	32	-0	31	-0	-277	2.4	1204
7.5	46	1	46	1	-213	1.9	2468
10.0	65	0	66	0	-113	1.3	4681
12.5	78	0	78	0	-0	1.0	6249
15.0	76	0	77	1	104	.6	5899
17.5	73	2	73	2	191	.3	5378
20.0	68	-2	68	-1	260	.2	4749
22.5	65	-2	65	-1	314	.1	4326
25.0	62	-2	62	-1	359	.1	3898
27.5	58	-3	58	-3	396	.1	3464
30.0	54	-2	55	-1	427	.1	2993
32.5	52	-1	52	-1	459	.0	2729
35.0	51	-2	51	-1	492	-.0	2653
37.5	49	-1	49	-0	547	-.1	2471
40.0	49	-0	48	-0	547	-.1	2445
42.5	48	-0	47	0	559	-.2	2393
45.0	47	1	47	2	572	-.2	2264
47.5	46	1	47	1	589	-.3	2156
50.0	46	0	48	0	602	-.4	2185

STORM 16

LEVEL 5

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID
/HILDA	/ 641001	/ 40870	/ 199	/ 1640-1652	/ I	/ 24 / 91	/ 402 /
/ 5	/ 310	/ 235	/ NE	/ 3	/ 55	/ .9	/ 950 / 47 / 40 / 15.0

STORM SPD/	TRUE DIR	/ HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN EYERAD/	PDP CENT PRES/	MAX WINDS ACTUAL/	REL	RADIUS /MAX WD/

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	5	-2	7	-1	197	-48.0
7.5	10	3	3	4	198	-48.3
10.0	29	12	22	13	206	-48.8
12.5	26	15	20	17	210	-49.0
15.0	47	20	40	21	218	-49.6
17.5	35	24	28	25	221	-50.2
20.0	34	31	28	32	225	-50.7
22.5	35	33	29	35	226	-51.4
25.0	41	31	35	32	226	-52.2
27.5	42	24	35	25	224	-52.8
30.0	42	18	35	19	226	-53.2
32.5	38	23	32	24	228	-53.3
35.0	25	9	18	10	229	-53.4
37.5	25	2	18	4	228	-53.4
40.0	30	15	24	16	226	-53.7
42.5	27	14	20	16	228	-53.6
45.0	25	16	19	17	231	-53.5
47.5	14	14	8	16	230	-53.6
50.0	17	6	11	8	228	-53.8

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID
/HILDA	/ 641001	/ 40870	/ 199	/ 1652-1704	/ O/	24 / 91	/ 403 /
/ 5	/ 310	/ 223	/ SW	/ 7	/ 223	/ 9	/ 950 / 43 / 48 / 17.5

STORM SPD/	TRUE DIR	/ HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN EYERAD/	PDP CENT PRES/	MAX WINDS ACTUAL/	REL	RADIUS /MAX WD/

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	8	-3	15	-3	197	-44.9
7.5	4	-4	10	-4	205	-44.8
10.0	13	-4	19	-5	209	-44.7
12.5	35	4	42	4	215	-44.8
15.0	38	10	45	10	218	-45.2
17.5	43	-3	48	-3	216	-45.9
20.0	36	-9	40	-9	215	-46.9
22.5	29	-25	38	-25	216	-47.5
25.0	33	-30	40	-30	217	-48.6
27.5	36	-27	42	-27	217	-49.7
30.0	42	17	48	17	216	-50.4
32.5	40	-11	47	-11	217	-50.6
35.0	38	-10	45	-10	221	-50.7
37.5	31	-9	38	-10	222	-50.8
40.0	26	-6	33	-6	223	-50.9
42.5	27	0	33	-1	225	-50.9
45.0	26	1	34	1	224	-51.0
47.5	28	4	36	3	224	-51.1
50.0	29	-2	37	-2	226	-51.2

STORM 16

LEVEL 5

STORM	DATE	/LVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HILDA	641001	40870	199	1640-1652	I	24	91	310	5	235	NE	3	55	402	9	950	47	15.0	40
HILDA	641001	40870	199	1652-1704	O	24	91	310	5	223	SW	7	223	403	9	950	43	17.5	48

UNSMOOTHED WEIGHTED VORTEX AVERAGES.

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	6	-2	11	-2	197	-46.5	44
7.5	7	-0	6	0	201	-46.5	58
10.0	21	4	20	4	207	-46.7	505
12.5	30	9	31	10	212	-46.9	950
15.0	42	15	42	15	218	-47.4	1826
17.5	39	10	38	11	218	-48.0	1537
20.0	35	11	34	11	220	-48.8	1226
22.5	31	4	33	5	221	-49.5	1004
25.0	37	0	37	1	221	-50.4	1385
27.5	39	-1	38	-1	220	-51.3	1530
30.0	42	17	41	18	221	-51.8	1764
32.5	39	6	39	6	222	-51.9	1522
35.0	31	-0	31	0	225	-52.0	1034
37.5	28	-3	28	-3	225	-52.1	793
40.0	28	4	28	5	224	-52.3	788
42.5	27	7	26	7	226	-52.2	729
45.0	25	8	26	9	227	-52.2	650
47.5	21	9	22	9	227	-52.3	490
50.0	23	2	24	3	227	-52.5	565

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	6	-1	9	-1	198	-46.5	49
7.5	10	0	10	0	202	-46.6	167
10.0	20	4	20	4	207	-46.7	532
12.5	31	9	31	10	212	-47.0	1064
15.0	38	12	38	13	216	-47.5	1563
17.5	37	11	37	11	218	-48.1	1465
20.0	34	9	34	9	219	-48.8	1230
22.5	33	4	34	5	220	-49.5	1156
25.0	36	0	37	1	221	-50.4	1364
27.5	39	3	38	4	220	-51.2	1547
30.0	40	11	40	11	221	-51.7	1649
32.5	37	5	37	6	222	-51.9	1431
35.0	32	0	32	0	224	-52.0	1073
37.5	29	-0	29	-0	224	-52.1	861
40.0	28	3	28	4	225	-52.2	791
42.5	26	6	26	7	226	-52.2	725
45.0	24	8	25	8	227	-52.3	629
47.5	22	7	23	7	227	-52.4	543
50.0	22	3	23	4	227	-52.5	557

STORM 16

LEVEL 6

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	TRUE DIR	OCTANT HDG	AZMTH /NOTH/STM/	ANGLE/	EYERAD/	IN PER CENT MAX WINDS PRES/	ACTUAL/	REL	RADIUS MAX WD/

/HILDA / 641002 / 3240 / 907 / 1618-1633 / 0 / 26 / 92 / 404 /

/ 5 / 0 / 0 / N / 2 / 0 / 9 / 956 / 90 / 92 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	6	19	1	-1400	25.3
7.5	27	3	23	-2	-1440	25.0
10.0	43	-1	39	-6	-1310	24.8
12.5	54	2	54	-3	-1240	24.2
15.0	61	13	59	8	-1170	23.8
17.5	71	26	69	21	-1100	23.2
20.0	92	32	82	27	-1000	22.7
22.5	87	29	88	24	-910	22.4
25.0	89	29	91	24	-850	22.3
27.5	90	22	92	18	-780	22.2
30.0	90	29	87	24	-700	21.9
32.5	88	30	88	26	-640	21.6
35.0	83	17	86	13	-600	21.4
37.5	84	-2	87	5	-550	21.3
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/HILDA / 641002 / 3240 / 907 / 1550-1618 / 1 / 26 / 92 / 406 /

/ 5 / 0 / 10 / S / 5 / 193 / 9 / 956 / 80 / 79 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	16	-7	19	-2	-1410	24.8
7.5	23	-9	22	-4	-1380	24.5
10.0	30	-14	30	-9	-1340	24.2
12.5	39	-16	39	-11	-1310	24.0
15.0	45	-14	47	-9	-1270	24.4
17.5	53	-16	49	-11	-1240	25.2
20.0	62	-18	65	-13	-1200	26.4
22.5	71	-11	73	-6	-1140	26.8
25.0	78	-12	78	-6	-1060	26.2
27.5	80	-22	79	-16	-980	24.5
30.0	78	-18	76	-12	-880	23.4
32.5	76	-14	76	-8	-820	22.9
35.0	74	-13	74	-7	-750	22.3
37.5	71	-11	71	-6	-690	22.2
40.0	69	-7	68	-1	-640	22.1
42.5	67	-8	65	-3	-600	22.0
45.0	65	-2	65	4	-560	21.8
47.5	63	-6	61	0	-530	21.8
50.0	62	-8	61	-3	-510	21.6

/HILDA / 641002 / 3240 / 907 / 1412-1431 / 0 / 26 / 92 / 405 /

/ 5 / 0 / 180 / S / 5 / 180 / 9 / 956 / 81 / 81 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	7	18	12	-1430	24.8
7.5	32	13	32	18	-1400	24.8
10.0	40	15	40	21	-1370	25.4
12.5	41	10	47	15	-1330	26.6
15.0	53	11	53	17	-1270	26.6
17.5	55	5	55	11	-1210	26.4
20.0	53	7	59	13	-1160	26.5
22.5	68	7	68	12	-1090	25.0
25.0	77	-5	77	0	-1010	23.5
27.5	79	2	79	8	-940	22.5
30.0	81	4	91	9	-870	22.2
32.5	81	7	81	12	-790	22.0
35.0	77	4	77	10	-710	21.8
37.5	72	4	72	10	-650	21.8
40.0	69	5	69	10	-600	21.8
42.5	67	1	67	6	-550	21.6
45.0	63	-4	63	1	-520	21.8
47.5	61	-5	61	1	-490	21.9
50.0	59	-3	59	2	-470	21.7

/HILDA / 641002 / 3240 / 907 / 1350-1412 / 1 / 26 / 92 / 407 /

/ 5 / 0 / 165 / N / 1 / 345 / 9 / 956 / 103 / 104 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	37	-4	37	-2	-1400	24.6
7.5	44	-3	44	-9	-1340	24.2
10.0	49	-2	49	-7	-1280	24.0
12.5	59	5	59	-1	-1200	23.5
15.0	86	6	80	0	-1120	22.9
17.5	96	6	96	1	-1020	22.3
20.0	103	1	104	-4	-900	22.1
22.5	100	-6	100	-11	-830	22.0
25.0	99	2	99	-3	-750	21.9
27.5	90	4	90	-1	-690	21.4
30.0	86	3	86	-2	-610	21.0
32.5	86	5	86	0	-570	20.9
35.0	87	3	87	-3	-570	20.7
37.5	82	2	82	-3	-500	20.4
40.0	80	2	80	-3	-470	20.5
42.5	77	3	77	-2	-430	20.7
45.0	74	5	74	0	-390	20.5
47.5	73	5	73	0	-360	20.6
50.0	72	3	72	-2	-340	20.5

STORM 16
LEVEL 6

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HILDA	641002	3240	907	1618-1633	0	26	92	0	5	0	N	2	0	404	9	956	90	27.5	92
HILDA	641002	3240	907	1412-1431	0	26	92	0	5	180	S	5	180	405	9	956	81	30.0	81
HILDA	641002	3240	907	1550-1618	I	26	92	0	5	10	S	5	193	406	9	956	80	27.5	79
HILDA	641002	3240	907	1350-1412	I	26	92	0	5	165	N	1	345	407	9	956	103	20.0	104

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	21	0	22	0	-1410	24.9	550
7.5	31	1	30	1	-1392	24.6	1042
10.0	40	0	39	0	-1325	24.6	1692
12.5	48	0	49	0	-1270	24.6	2396
15.0	60	4	59	4	-1208	24.5	3940
17.5	68	6	66	6	-1143	24.3	4957
20.0	76	6	77	6	-1065	24.4	6095
22.5	81	5	81	5	-992	24.0	6764
25.0	85	4	86	4	-917	23.4	7402
27.5	84	2	85	3	-847	22.6	7212
30.0	83	5	82	5	-765	22.1	7062
32.5	82	7	82	8	-705	21.8	6895
35.0	80	3	81	3	-656	21.6	6465
37.5	77	-1	78	1	-597	21.4	6015
40.0	74	0	74	1	-546	21.2	5550
42.5	71	-0	71	0	-503	21.3	5182
45.0	68	0	68	1	-466	21.2	4753
47.5	67	-0	66	0	-436	21.3	4552
50.0	65	-1	65	-1	-416	21.1	4384

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	25	1	25	1	-1404	24.8	714
7.5	32	1	31	0	-1378	24.7	1122
10.0	40	0	40	0	-1325	24.6	1726
12.5	49	1	49	1	-1268	24.6	2614
15.0	59	4	58	4	-1207	24.5	3863
17.5	68	5	67	5	-1139	24.4	4968
20.0	75	6	75	6	-1065	24.3	5981
22.5	80	5	81	5	-992	23.9	6727
25.0	84	4	84	4	-918	23.4	7186
27.5	84	3	84	4	-845	22.7	7168
30.0	83	5	83	5	-770	22.2	7046
32.5	82	6	82	6	-709	21.8	6825
35.0	80	2	80	4	-655	21.6	6443
37.5	77	0	78	2	-604	21.5	6060
40.0	74	0	74	0	-547	21.3	5559
42.5	71	0	71	0	-505	21.2	5169
45.0	69	0	68	0	-468	21.2	4807
47.5	67	-0	67	0	-439	21.2	4574
50.0	66	-0	66	-0	-424	21.1	4448

STORM 16
LEVEL 7

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN PRP CENT MAX WINDS RADIUS
SPD/ DIR / HDG /MOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/HILDA / 641002 / 9880 / 715 / 1951-2017 / I / 26 / 92 / 408 /

/ 5 / 0 / 220 / NE / 2 / 33 / 9 / 956 / 89 / 88 / 35.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	3	24	-2	-990	14.7
7.5	38	6	38	1	-960	14.1
10.0	41	6	40	0	-900	14.2
12.5	43	-2	44	-7	-870	13.7
15.0	46	3	46	-3	-800	13.6
17.5	50	3	49	-3	-730	13.4
20.0	56	0	44	-5	-690	13.2
22.5	66	0	50	-5	-620	13.1
25.0	70	0	60	-5	-570	12.8
27.5	78	-1	72	-6	-510	12.5
30.0	84	-1	84	-6	-440	11.8
32.5	85	-8	85	-14	-410	10.3
35.0	89	-3	88	-8	-360	10.5
37.5	83	-2	83	-7	-300	9.9
40.0	83	-3	84	-8	-260	9.8
42.5	79	-3	78	-9	-240	9.9
45.0	76	1	75	-4	-170	9.8
47.5	77	0	74	-5	-160	10.4
50.0	75	-1	74	-6	-110	9.8

/HILDA / 641002 / 9880 / 715 / 2027-2058 / 0 / 26 / 92 / 409 /

/ 5 / 0 / 90 / E / 3 / 90 / 9 / 956 / 87 / 83 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	19	5	14	1	-1040	15.3
7.5	27	2	22	-2	-1000	15.0
10.0	35	3	30	0	-960	15.1
12.5	44	1	38	-2	-910	15.3
15.0	48	3	44	0	-860	15.3
17.5	53	2	38	-1	-830	14.8
20.0	58	0	48	-3	-770	14.6
22.5	66	7	62	4	-740	14.0
25.0	72	7	66	4	-660	13.8
27.5	74	4	70	0	-590	13.2
30.0	76	1	74	-4	-520	12.8
32.5	80	-3	76	-8	-460	12.3
35.0	84	-8	80	-12	-410	11.7
37.5	87	-12	83	-15	-340	11.1
40.0	86	-8	82	-11	-330	11.5
42.5	86	-10	81	-13	-260	10.6
45.0	81	-16	77	-19	-210	10.5
47.5	81	-15	77	-18	-200	10.0
50.0	78	-8	74	-11	-190	10.1

STORM 16

LEVEL 7

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HILDA	641002	9930	715	1951-2017	I	26	92	0	5	220	NE	2	33	408	9	956	87	35.0	88
HILDA	641002	9930	715	2027-2058	O	26	92	0	5	90	E	3	90	409	9	956	87	37.5	83

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	20	4	19	-0	-1015	15.0	401
7.5	32	4	30	-0	-980	14.6	1086
10.0	38	4	35	0	-930	14.6	1453
12.5	43	-0	41	-4	-890	14.5	1892
15.0	47	3	45	-1	-830	14.4	2210
17.5	51	2	43	-2	-780	14.1	2654
20.0	57	0	46	-4	-730	13.9	3250
22.5	66	3	56	-0	-680	13.6	4356
25.0	71	3	63	-0	-615	13.3	5042
27.5	76	1	71	-3	-550	12.8	5780
30.0	80	0	79	-5	-480	12.3	6416
32.5	82	-5	80	-11	-435	11.3	6812
35.0	86	-5	84	-10	-385	11.1	7488
37.5	85	-7	83	-11	-320	10.5	7229
40.0	84	-5	83	-9	-295	10.6	7142
42.5	82	-6	79	-11	-250	10.2	6818
45.0	78	-7	76	-11	-190	10.1	6168
47.5	79	-7	75	-11	-180	10.2	6245
50.0	76	-4	74	-8	-150	9.9	5854

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	24	4	22	-0	-1003	14.8	629
7.5	31	4	29	-0	-973	14.6	1063
10.0	37	3	35	-1	-930	14.6	1465
12.5	42	1	40	-2	-885	14.5	1865
15.0	47	2	43	-1	-831	14.4	2234
17.5	51	1	44	-2	-780	14.1	2698
20.0	57	1	48	-2	-730	13.9	3398
22.5	65	2	55	-1	-676	13.6	4295
25.0	70	2	63	-1	-614	13.3	5037
27.5	75	1	71	-3	-548	12.8	5753
30.0	79	-1	77	-6	-485	12.2	6349
32.5	82	-4	80	-9	-435	11.5	6865
35.0	85	-5	82	-10	-381	11.0	7267
37.5	84	-6	82	-10	-329	10.7	7217
40.0	84	-5	82	-10	-292	10.6	7080
42.5	81	-6	79	-10	-245	10.3	6721
45.0	79	-7	76	-11	-201	10.2	6325
47.5	78	-6	75	-10	-177	10.1	6167
50.0	77	-5	74	-9	-159	10.0	5958

STORM 16

LEVEL 8

STORM	DATE	PRES ALT FEET	MB.	TIME IN INTERVAL	/OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	/NOTH/STM/	OCTANT AZMTH ANGLE/	EYERAD/	IN PER CENT MAX WINDS PRES/	ACTUAL/	REL	RADIUS /MAX WD/

/HILDA / 641002 / 11780 / 667 / 1931-1944 / 0 / 26 / 92 / 410 /

/ 5 / 0 / 40 / NE / 2 / 40 / 9 / 956 / 81 / 78 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	2	22	-4	-780	13.0
7.5	25	7	23	2	-740	12.3
10.0	33	5	29	0	-700	11.7
12.5	45	4	45	-1	-660	11.5
15.0	48	2	45	-3	-610	11.3
17.5	56	0	55	4	-560	10.9
20.0	68	14	66	8	-490	10.7
22.5	75	11	76	5	-430	10.5
25.0	70	10	71	5	-380	9.8
27.5	72	9	68	4	-330	9.2
30.0	77	16	75	11	-270	9.0
32.5	81	5	78	0	-250	8.2
35.0	79	6	79	1	-210	8.4
37.5	76	4	75	-1	-180	8.2
40.0	73	11	72	6	-110	8.1
42.5	69	9	68	3	-150	9.0
45.0	72	12	71	6	-140	9.6
47.5	68	4	67	-2	-110	9.1
50.0	65	10	64	5	-120	9.4

/HILDA / 641002 / 11780 / 667 / 1750-1808 / 0 / 26 / 92 / 412 /

/ 5 / 0 / 180 / S / 5 / 180 / 9 / 956 / 72 / 72 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	12	3	19	8	-860	11.9
7.5	19	-7	19	-1	-840	11.9
10.0	25	-3	24	3	-810	12.7
12.5	33	0	32	5	-770	13.2
15.0	37	-2	38	3	-720	13.1
17.5	45	-6	43	-1	-670	12.9
20.0	51	-3	51	2	-630	12.4
22.5	57	-7	55	-2	-570	12.1
25.0	68	-8	67	-3	-510	12.1
27.5	71	-9	72	-4	-420	11.4
30.0	68	4	66	9	-240	10.1
32.5	66	3	65	8	-240	9.3
35.0	69	2	64	7	-250	8.8
37.5	70	-2	70	4	-220	8.5
40.0	67	2	65	7	-170	8.3
42.5	66	-5	63	0	-120	8.0
45.0	65	-2	63	3	-10	8.3
47.5	67	-7	64	-2	10	999.0
50.0	999	999	999	999	999	999.0

/HILDA / 641002 / 11780 / 667 / 1912-1928 / 1 / 26 / 92 / 411 /

/ 5 / 0 / 0 / S / 5 / 180 / 9 / 956 / 93 / 91 / 40.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	-3	14	1	-860	11.8
7.5	28	3	23	7	-840	11.8
10.0	34	3	31	8	-810	12.1
12.5	41	2	41	7	-770	12.3
15.0	48	1	46	6	-720	12.2
17.5	51	-2	49	3	-670	11.8
20.0	56	-1	53	4	-630	12.4
22.5	65	-2	64	3	-570	12.6
25.0	72	-4	71	1	-510	13.4
27.5	77	-10	76	5	-420	11.4
30.0	77	-14	74	-8	-340	11.2
32.5	78	-8	73	-3	-290	10.7
35.0	81	-3	80	2	-250	10.4
37.5	82	-1	80	4	-220	10.2
40.0	93	-3	91	1	-170	10.3
42.5	86	1	84	6	-120	9.0
45.0	80	6	76	11	-90	8.9
47.5	77	4	78	9	-70	8.8
50.0	75	6	71	11	-30	8.6

/HILDA / 641002 / 11780 / 667 / 1724-1750 / 1 / 26 / 92 / 413 /

/ 5 / 0 / 175 / N / 8 / 355 / 9 / 956 / 73 / 74 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	8	26	2	-790	12.3
7.5	33	2	34	-3	-770	12.4
10.0	39	9	41	3	-720	12.4
12.5	44	8	47	3	-660	11.6
15.0	47	7	48	2	-610	10.8
17.5	49	6	51	1	-560	10.8
20.0	55	2	58	-2	-510	10.6
22.5	66	7	67	2	-440	10.3
25.0	73	-4	74	-9	-360	9.6
27.5	73	-3	74	-7	-310	9.0
30.0	70	-3	72	-8	-240	8.4
32.5	71	3	73	-2	-210	8.0
35.0	69	10	72	5	-150	7.8
37.5	67	13	69	7	-110	7.8
40.0	67	15	99	10	-70	8.0
42.5	68	19	71	14	-40	8.6
45.0	67	11	69	6	0	8.0
47.5	64	9	65	3	20	7.2
50.0	61	1	63	-4	50	6.7

STORM 16

LEVEL 8

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HILDA	641002	11730	667	1931-1944	0	26	92	0	5	40	NE	2	40	410	9	956	81	32.5	78
HILDA	641002	11730	667	1912-1928	I	26	92	0	5	0	S	5	180	411	9	956	93	40.0	91
HILDA	641002	11730	667	1750-1908	0	26	92	0	5	180	S	5	180	412	9	956	72	25.0	72
HILDA	641002	11730	667	1724-1750	I	26	92	0	5	175	N	8	355	413	9	956	73	25.0	74

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	19	3	20	1	-818	12.3	417
7.5	26	1	25	0	-792	12.1	733
10.0	33	3	31	3	-754	12.2	1121
12.5	40	3	41	3	-708	12.1	1703
15.0	45	2	44	1	-658	11.8	2047
17.5	50	2	49	1	-608	11.5	2537
20.0	57	3	57	2	-557	11.4	3354
22.5	65	2	65	1	-494	11.2	4387
25.0	70	-1	70	-1	-430	11.0	5019
27.5	73	-2	72	-1	-363	10.1	5338
30.0	72	1	71	1	-267	9.5	5297
32.5	73	1	72	0	-243	8.9	5467
35.0	73	4	73	3	-209	8.7	5491
37.5	72	4	72	3	-176	8.5	5354
40.0	73	7	82	6	-124	8.5	5513
42.5	71	7	70	6	-103	8.6	5133
45.0	70	7	69	6	-55	8.7	4974
47.5	68	2	67	1	-33	8.4	4683
50.0	68	5	66	4	-28	8.2	4683

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	22	2	22	1	-809	12.2	523
7.5	27	2	26	1	-787	12.2	777
10.0	33	3	32	2	-751	12.2	1180
12.5	40	3	40	2	-706	12.0	1658
15.0	45	2	44	1	-657	11.8	2072
17.5	50	2	50	2	-607	11.6	2625
20.0	57	3	57	2	-554	11.4	3430
22.5	65	1	65	1	-493	11.2	4306
25.0	69	-0	69	-1	-429	10.8	4920
27.5	72	-1	71	-0	-355	10.1	5223
30.0	72	0	71	0	-283	9.5	5321
32.5	73	2	72	1	-244	9.0	5437
35.0	73	3	73	3	-209	8.7	5443
37.5	73	4	75	4	-171	8.6	5416
40.0	72	6	77	5	-130	8.6	5394
42.5	71	6	72	6	-98	8.6	5158
45.0	70	6	69	5	-60	8.5	4948
47.5	68	3	67	2	-37	8.4	4677
50.0	69	5	68	4	-36	8.3	4808

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN PER CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/HILDA / 641002 / 38670 / 211 / 1600-1650 / 0 / 26 / 92 / 414 /

/ 5 / 0 / 90 / E / 3 / 90 / 9 / 956 / 50 / 46 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	13	0	7	2	2000	-42.9
7.5	23	5	18	6	2000	-42.9
10.0	23	3	15	3	2000	-42.7
12.5	25	-5	18	-5	2000	-42.9
15.0	28	4	22	4	2010	-43.0
17.5	29	4	21	4	2010	-43.1
20.0	31	6	31	5	2010	-43.2
22.5	39	1	36	6	2010	-43.5
25.0	45	-7	41	-8	2010	-43.8
27.5	50	-9	46	-10	2010	-44.2
30.0	50	-7	46	-8	2000	-44.8
32.5	49	-8	44	-10	1980	-45.4
35.0	47	-7	40	-8	1950	-45.9
37.5	42	-13	38	-14	1900	-46.1
40.0	39	-17	29	-18	1800	-46.0
42.5	35	-16	30	-17	1600	-46.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/HILDA / 641002 / 38670 / 211 / 1549-1604 / 1 / 26 / 92 / 415 /

/ 5 / 0 / 90 / W / 7 / 260 / 9 / 956 / 23 / 29 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	12	17	16	1910	-44.2
7.5	15	11	19	15	1920	-44.4
10.0	13	12	21	15	1920	-44.4
12.5	2	8	7	10	1940	-45.4
15.0	2	7	7	9	1930	-44.5
17.5	2	4	7	6	1840	-44.6
20.0	-4	13	1	15	1790	-44.4
22.5	-1	11	4	13	1870	-44.5
25.0	0	9	5	11	1930	-44.7
27.5	1	14	6	16	1930	-44.8
30.0	4	11	9	13	1940	-44.9
32.5	5	7	10	9	1930	-45.0
35.0	6	11	11	13	1890	-45.2
37.5	16	22	21	23	1840	-45.3
40.0	14	23	20	24	1820	-45.6
42.5	18	21	24	23	1840	-45.9
45.0	21	12	26	14	1840	-46.2
47.5	23	10	29	11	1800	-46.2
50.0	22	10	27	11	1790	-46.3

STORM 16

LEVEL 9

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-G	LAT	LONG	STORM DIR	STORM SPD	TH	QN	OSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
HILDA	641002	33670	211	1600-1650	0	26	92	0	5	90	E	3	90	414	9	956	50	27.5	46
HILDA	641002	33670	211	1549-1604	1	26	92	0	5	90	W	7	260	415	9	956	23	50.0	29

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	11	6	12	9	1955	-43.5	134
7.5	19	8	18	10	1960	-43.7	377
10.0	18	7	18	9	1960	-43.5	349
12.5	13	1	12	2	1970	-44.2	314
15.0	15	5	14	6	1970	-43.8	394
17.5	16	4	14	5	1925	-43.8	422
20.0	13	9	16	10	1900	-43.8	488
22.5	19	6	20	9	1940	-44.0	761
25.0	22	1	23	1	1970	-44.2	1012
27.5	25	2	26	3	1970	-44.5	1250
30.0	27	2	27	2	1970	-44.8	1258
32.5	27	-0	27	-0	1955	-45.2	1213
35.0	26	2	25	2	1920	-45.5	1122
37.5	29	4	29	4	1870	-45.7	1010
40.0	26	3	24	3	1810	-45.8	858
42.5	26	2	27	3	1720	-46.0	774
45.0	21	12	26	14	1840	-46.2	441
47.5	23	10	29	11	1800	-46.2	529
50.0	22	10	27	11	1790	-46.3	484

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	13	6	14	9	1956	-43.6	215
7.5	17	7	17	9	1959	-43.6	329
10.0	16	6	16	7	1962	-43.7	335
12.5	14	3	13	4	1968	-43.9	339
15.0	15	4	14	5	1958	-43.8	387
17.5	14	5	14	6	1927	-43.8	430
20.0	15	7	16	8	1916	-43.9	542
22.5	18	5	19	7	1941	-44.0	769
25.0	22	2	22	3	1962	-44.3	1011
27.5	25	2	25	2	1968	-44.5	1192
30.0	26	1	26	1	1965	-44.9	1230
32.5	26	0	26	0	1948	-45.2	1194
35.0	27	2	26	2	1914	-45.5	1112
37.5	27	3	27	3	1866	-45.7	997
40.0	26	3	25	3	1801	-45.8	872
42.5	27	1	27	1	1747	-46.0	825
45.0	20	13	26	14	1829	-46.1	435
47.5	22	10	27	11	1804	-46.2	494
50.0	22	10	27	11	1794	-46.3	487

STORM 17

LEVEL 1

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PER CENT MAX WINDS PRES/ACTUAL/REL / RADIUS MAX WD/

/ISBELL / 641014 / 4780 / 860 / 1903-1917 / I / 24 / 83 / 79 //ISBELL / 641014 / 4780 / 860 / 1917-1938 / O/ 24 / 93 / 81 / /ISBELL / 641014 / 4780 / 860 / 1834-1853 / O / 24 / 83 / 83 /

/11 / 35 / 190 / N / 8 / 0 / 13 / 970 / 102 / 115 / 12.5 /11 / 35 / 190 / S / 4 / 190 / 13 / 970 / 96 / 85 / 10.0 /11 / 35 / 50 / SW / 5 / 235 / 13 / 970 / 98 / 93 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	41	10	58	7	-1140	19.7	5.0	56	-27	46	-13	-1120	25.8	5.0	98	37	93	21	-700	19.2
7.5	73	42	94	36	-970	19.4	7.5	86	-46	75	-32	-970	25.0	7.5	93	30	89	14	-630	18.8
10.0	102	25	118	18	-880	19.2	10.0	96	-53	85	-40	-860	24.8	10.0	83	18	79	1	-530	18.6
12.5	81	30	96	21	-750	18.9	12.5	88	-59	77	-45	-710	24.1	12.5	80	-1	76	-19	-450	18.0
15.0	74	42	88	32	-670	18.4	15.0	79	-56	69	-42	-620	24.9	15.0	74	26	70	10	-380	17.8
17.5	65	33	77	21	-500	17.8	17.5	70	-49	60	-35	-530	22.8	17.5	70	13	65	-4	-290	17.7
20.0	63	43	75	30	-420	17.8	20.0	58	-49	49	-35	-470	21.0	20.0	72	22	68	6	-270	17.7
22.5	60	51	72	38	-330	18.0	22.5	51	-42	41	-28	-410	19.8	22.5	72	29	67	13	-290	17.9
25.0	64	31	76	18	-360	18.1	25.0	50	-36	-41	-22	-360	19.8	25.0	64	17	59	0	-270	17.8
27.5	52	29	64	17	-300	17.8	27.5	47	-42	37	-29	-300	18.4	27.5	71	18	67	1	-240	17.8
30.0	53	35	64	2	-280	17.5	30.0	49	-46	40	-32	-280	18.0	30.0	66	10	63	-6	-200	18.0
32.5	55	26	67	14	-270	17.5	32.5	47	-48	38	-34	-270	18.0	32.5	61	15	57	-2	-200	17.7
35.0	54	27	65	14	-240	17.4	35.0	49	-39	39	-24	-210	18.1	35.0	61	23	57	6	-190	17.5
37.5	65	18	76	5	-220	17.3	37.5	50	-31	40	-16	-220	18.3	37.5	50	-5	47	-22	-190	17.2
40.0	999	999	999	999	999	999.0	40.0	49	-30	39	-16	-190	18.4	40.0	58	4	54	-13	-180	17.6
42.5	999	999	999	999	999	999.0	42.5	46	-36	36	-22	-180	19.0	42.5	54	2	52	-15	-180	16.9
45.0	999	999	999	999	999	999.0	45.0	44	-36	33	-22	-160	18.7	45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0	47.5	43	-34	32	-21	-140	19.2	47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0	50.0	44	-35	33	-22	-140	19.4	50.0	999	999	999	999	999	999.0

/ISBELL / 641014 / 4780 / 860 / 1727-1748 / I / 24 / 83 / 80 //ISBELL / 641014 / 4780 / 860 / 1822-1834 / I / 24 / 83 / 82 / /ISBELL / 641014 / 4780 / 860 / 1748-1808 / O / 24 / 83 / 84 /

/11 / 35 / 305 / SE / 3 / 120 / 13 / 970 / 108 / 92 / 10.0 /11 / 35 / 50 / SW / 5 / 235 / 13 / 970 / 66 / 67 / 12.5 /11 / 35 / 305 / NW / 7 / 305 / 13 / 970 / 59 / 74 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	48	8	32	6	-1070	26.2	5.0	0	-35	-1	-18	-1110	25.9	5.0	28	9	42	17	-980	23.2
7.5	87	-6	42	-7	-1050	24.5	7.5	31	-32	31	-14	-1100	27.5	7.5	53	12	67	19	-870	22.5
10.0	108	-14	72	-16	-850	22.6	10.0	44	-20	45	-2	-1080	23.7	10.0	38	31	53	38	-800	20.1
12.5	103	-17	92	-20	-690	19.5	12.5	66	-30	67	-12	-960	26.7	12.5	54	55	69	62	-660	19.6
15.0	91	-28	75	-31	-570	18.6	15.0	60	-22	62	-5	-810	24.7	15.0	59	48	74	55	-580	19.3
17.5	85	-24	69	-27	-480	18.2	17.5	46	-26	48	-9	-710	22.7	17.5	53	40	68	55	-570	19.3
20.0	78	-31	61	-34	-390	18.2	20.0	44	-17	47	0	-630	20.7	20.0	48	42	64	49	-400	19.3
22.5	73	-25	57	-28	-330	17.9	22.5	51	-16	53	1	-510	19.0	22.5	45	43	61	48	-350	19.4
25.0	76	-20	60	-23	-260	17.8	25.0	48	-9	51	8	-440	18.9	25.0	44	42	60	48	-270	19.0
27.5	69	-15	53	-19	-220	18.3	27.5	42	-4	44	13	-350	19.0	27.5	36	31	52	37	-260	19.0
30.0	75	-9	59	-13	-180	18.2	30.0	40	-2	43	15	-310	18.7	30.0	37	25	53	31	-210	19.1
32.5	74	-15	58	-19	-160	18.0	32.5	45	6	48	23	-240	18.8	32.5	39	24	55	29	-190	19.1
35.0	69	-15	53	-19	-160	17.8	35.0	41	-3	44	14	-220	19.7	35.0	31	22	47	27	-160	19.0
37.5	62	-20	46	-24	-150	17.9	37.5	36	0	40	17	-170	18.6	37.5	29	19	45	25	-160	18.9
40.0	67	-7	51	-11	-130	18.0	40.0	32	-8	35	9	-160	18.1	40.0	29	25	45	30	-150	19.1
42.5	61	-16	44	-20	-120	17.8	42.5	31	-13	34	4	-150	18.3	42.5	28	22	44	27	-140	19.0
45.0	62	-17	46	-16	-100	17.4	45.0	25	-14	29	3	-150	19.1	45.0	21	25	37	30	-140	19.7
47.5	62	-13	46	-16	-80	17.3	47.5	26	-17	29	-1	-120	17.5	47.5	27	16	43	21	-120	19.0
50.0	54	-14	38	-19	-90	17.4	50.0	23	-13	26	4	-110	17.5	50.0	23	14	39	21	-100	18.1

STORM 17

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ISBELL	641014	4780	860	1903-1917	I	24	83	35	11	180	N	8	0	79	13	970	102	12.5	115
ISBELL	641014	4780	860	1727-1748	I	24	83	35	11	305	SE	3	120	80	13	970	108	10.0	92
ISBELL	641014	4780	860	1917-1938	O	24	83	35	11	190	S	4	190	81	13	970	96	10.0	95
ISBELL	641014	4780	860	1822-1834	I	24	83	35	11	50	SW	5	235	82	13	970	66	12.5	67
ISBELL	641014	4780	860	1934-1953	O	24	83	35	11	50	SW	5	235	83	13	970	98	5.0	93
ISBELL	641014	4780	860	1748-1808	O	24	83	35	11	305	NW	7	305	84	13	970	59	15.0	74

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	45	3	46	5	-1045	23.3	2587
7.5	67	4	68	5	-948	22.6	4906
10.0	86	-0	86	0	-833	21.7	8120
12.5	83	1	83	0	-696	20.4	7310
15.0	75	3	75	3	-588	20.0	5874
17.5	68	2	67	0	-504	19.3	4812
20.0	63	2	62	1	-415	18.8	4132
22.5	59	8	59	7	-368	18.6	3714
25.0	60	4	47	3	-314	18.3	3797
27.5	54	3	53	1	-269	18.3	3091
30.0	55	3	55	-2	-235	18.2	3311
32.5	55	0	55	-0	-218	18.1	3285
35.0	53	2	52	0	-194	18.0	2982
37.5	52	-3	51	-4	-185	18.0	2910
40.0	48	1	46	3	-153	18.4	2588
42.5	44	-4	43	-2	-144	18.3	2214
45.0	39	-3	38	1	-131	18.5	1867
47.5	41	-7	40	-1	-109	18.2	1959
50.0	36	-8	35	-2	-104	18.0	1565

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	53	3	53	5	-1013	23.1	3360
7.5	68	2	68	4	-936	22.5	5323
10.0	81	0	81	1	-824	21.6	7218
12.5	80	1	80	1	-701	20.6	6928
15.0	75	2	75	2	-595	20.0	5872
17.5	68	2	68	1	-504	19.3	4907
20.0	63	4	63	3	-425	18.9	4221
22.5	61	6	57	5	-369	18.6	3862
25.0	59	4	51	3	-316	18.4	3637
27.5	55	3	53	1	-272	18.3	3283
30.0	55	3	55	-1	-240	18.2	3298
32.5	55	1	54	-0	-217	18.1	3212
35.0	53	0	52	-0	-197	18.0	3022
37.5	52	-0	52	-2	-185	18.0	2974
40.0	47	-1	45	0	-154	18.4	2471
42.5	44	-2	43	-0	-144	18.4	2249
45.0	40	-4	39	0	-128	18.4	1935
47.5	40	-6	38	-1	-113	18.2	1854
50.0	37	-7	36	-1	-107	18.1	1662

STORM 17
LEVEL 2

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ TD /

STORM TRUE OCTANT AZMTH IN PER CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/ISBELL / 641014 / 9880 / 715 / 1959-2019 / 1 / 24 / 83 / 85 //ISBELL / 641014 / 9880 / 715 / 2400- 19 / 0 / 24 / 83 / 87 /

/11 / 35 / 300 / E / 3 / 110 / 13 / 970 / 101 / 85 / 10.0 /11 / 35 / 145 / S / 4 / 175 / 13 / 970 / 76 / 68 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	60	20	50	3	-540	12.3	5.0	71	-24	63	-6	-150	19.4
7.5	97	35	84	22	-320	11.6	7.5	57	-28	51	-9	-350	19.4
10.0	101	31	85	20	-280	10.6	10.0	70	-19	63	-1	-270	17.2
12.5	94	18	79	8	-130	10.6	12.5	69	-16	60	1	-230	15.5
15.0	98	5	82	-4	-110	10.6	15.0	72	-20	63	-2	-160	15.3
17.5	95	0	79	-9	-100	10.6	17.5	76	-24	68	-7	-180	15.2
20.0	93	-6	77	-14	-90	9.6	20.0	67	-27	57	-10	-110	15.0
22.5	88	-10	72	-17	-80	8.7	22.5	999	999	999	999	999	999.0
25.0	84	-11	68	-18	-50	8.7	25.0	999	999	999	999	999	999.0
27.5	83	-11	66	-18	-30	8.9	27.5	999	999	999	999	999	999.0
30.0	77	-11	63	-19	30	8.7	30.0	999	999	999	999	999	999.0
32.5	79	-9	62	-16	40	8.8	32.5	999	999	999	999	999	999.0
35.0	78	-9	62	-15	70	8.9	35.0	999	999	999	999	999	999.0
37.5	71	-7	54	-13	80	9.2	37.5	999	999	999	999	999	999.0
40.0	70	-2	53	-8	90	9.7	40.0	999	999	999	999	999	999.0
42.5	71	2	54	-5	100	9.8	42.5	999	999	999	999	999	999.0
45.0	75	5	58	-1	130	10.2	45.0	999	999	999	999	999	999.0
47.5	74	6	57	3	140	10.9	47.5	999	999	999	999	999	999.0
50.0	69	1	52	-5	150	11.3	50.0	999	999	999	999	999	999.0

/ISBELL / 641014 / 9880 / 715 / 2109-2125 / 0 / 24 / 83 / 86 //ISBELL / 641014 / 9880 / 715 / 2307-2337 / 1 / 24 / 93 / 88 /

/11 / 35 / 100 / SE / 3 / 113 / 13 / 970 / 102 / 84 / 12.5 /11 / 35 / 0 / S / 4 / 180 / 13 / 970 / 87 / 72 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	-570	22.4	5.0	60	-10	45	2	-410	17.3
7.5	999	999	999	999	-540	20.9	7.5	78	8	63	20	-270	16.9
10.0	91	-15	72	-13	-350	15.0	10.0	83	-1	67	10	-290	15.1
12.5	102	1	84	1	-240	13.5	12.5	97	1	72	12	-210	15.1
15.0	102	1	84	-1	-190	11.1	15.0	84	-7	69	5	-170	14.1
17.5	97	-4	79	-7	-140	10.0	17.5	79	-21	63	-9	-190	13.0
20.0	92	2	74	-2	-90	9.6	20.0	74	-27	59	-10	-160	13.1
22.5	89	6	71	1	-90	9.5	22.5	74	-20	60	-7	-160	13.1
25.0	86	0	68	-6	-50	9.7	25.0	71	-24	27	-10	-110	12.9
27.5	83	-1	66	-7	-40	9.6	27.5	72	-27	58	-14	-80	12.9
30.0	77	-5	60	-12	-30	9.5	30.0	74	-20	57	-9	-20	12.5
32.5	71	-6	54	-13	-20	9.4	32.5	76	-10	57	-5	0	11.9
35.0	72	-5	55	-13	-13	9.2	35.0	74	-6	55	-4	0	11.8
37.5	69	13	54	4	-10	9.2	37.5	74	-9	55	-9	10	11.5
40.0	68	13	53	3	0	10.2	40.0	74	-11	55	-11	20	11.9
42.5	65	15	52	3	30	10.3	42.5	71	-10	52	-10	30	12.2
45.0	999	999	999	999	999	999.0	45.0	69	-6	50	-7	30	11.6
47.5	999	999	999	999	999	999.0	47.5	68	-3	50	-5	90	11.5
50.0	999	999	999	999	999	999.0	50.0	65	2	47	-1	110	11.4

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE	IN PDR CENT EYERAD	MAX WINDS PRES/ACTUAL	REL	RADIUS /MAX WD/

/ISBELL / 641014 / 9880 / 715 / 2337-2348 / I / 24 / 83 / 89 /

/11 / 35 / 0 / S / 4 / 180 / 13 / 970 / 66 / 63 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	33	-25	45	-10	-430	20.4
7.5	51	-19	59	-1	-330	21.7
10.0	47	-19	52	1	-250	21.1
12.5	50	-23	52	-4	-230	19.1
15.0	59	-41	57	-22	-170	15.1
17.5	66	-34	63	-15	-160	14.4
20.0	65	-40	60	-21	-140	14.0
22.5	62	-40	56	-22	-120	12.5
25.0	61	-39	59	-21	-70	11.6
27.5	999	999	999	999	999	999.0
30.0	999	999	999	999	999	999.0
32.5	999	999	999	999	999	999.0
35.0	999	999	999	999	999	999.0
37.5	999	999	999	999	999	999.0
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/ISBELL / 641014 / 9880 / 715 / 2019-2035 / 0/ 24 / 83 / 92 /

/11 / 35 / 300 / NW / 7 / 300 / 13 / 970 / 60 / 77 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	29	3	46	8	-600	23.5
7.5	52	-4	69	1	-530	23.2
10.0	60	7	77	12	-520	23.4
12.5	51	3	68	9	-430	21.7
15.0	40	-3	57	2	-330	17.7
17.5	41	12	58	17	-320	16.7
20.0	29	3	46	8	-190	15.2
22.5	34	16	51	20	-220	14.7
25.0	28	9	45	14	-80	12.3
27.5	31	15	49	19	-40	11.6
30.0	33	22	51	26	-20	11.6
32.5	29	15	47	20	0	11.4
35.0	30	19	48	22	50	11.5
37.5	24	17	41	21	60	10.5
40.0	24	15	42	19	70	10.4
42.5	20	8	38	13	80	10.5
45.0	18	5	36	9	90	10.4
47.5	18	8	35	12	100	10.2
50.0	16	9	34	13	130	10.5

/ISBELL / 641014 / 9880 / 715 / 2050-2108 / I / 24 / 83 / 91 /

/11 / 35 / 120 / NW / 7 / 300 / 13 / 970 / 84 / 80 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	50	-15	43	0	-510	25.2
7.5	94	-25	80	-7	-450	20.6
10.0	92	-26	81	-8	-410	18.6
12.5	77	-10	77	8	-270	16.9
15.0	72	-44	73	-26	-210	15.1
17.5	63	-50	64	-32	-180	13.0
20.0	59	-52	60	-34	-130	12.4
22.5	47	-44	48	-26	-70	11.3
25.0	40	-43	43	-25	-40	10.4
27.5	36	-40	39	-22	-30	10.5
30.0	34	-39	38	-21	20	10.5
32.5	32	-35	36	-18	40	10.0
35.0	33	-32	37	-14	70	9.8
37.5	30	-34	34	-17	80	9.6
40.0	30	-37	34	-13	100	10.0
42.5	27	-27	31	-10	120	9.9
45.0	23	-30	27	-12	120	9.8
47.5	26	-31	30	-13	120	10.0
50.0	20	-26	24	-8	130	10.2

STORM 17

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ISBELL	641014	9890	715	1959-2019	I	24	83	35	11	300	E	3	110	85	13	970	101	10.0	85
ISBELL	641014	9890	715	2108-2125	O	24	83	35	11	100	SE	3	113	86	13	970	102	12.5	84
ISBELL	641014	9890	715	2400- 19	O	24	83	35	11	145	S	4	175	87	13	970	76	17.5	68
ISBELL	641014	9890	715	2307-2337	I	24	83	35	11	0	S	4	180	88	13	970	87	12.5	72
ISBELL	641014	9890	715	2337-2348	I	24	83	35	11	0	S	4	180	89	13	970	66	17.5	63
ISBELL	641014	9890	715	2050-2108	I	24	83	35	11	120	NW	7	300	91	13	970	84	7.5	80
ISBELL	641014	9890	715	2019-2035	O	24	83	35	11	300	NW	7	300	92	13	970	60	10.0	77

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	47	-1	48	0	-514	20.1	2486
7.5	72	0	72	5	-415	19.1	5677
10.0	75	-1	73	5	-358	17.7	6041
12.5	72	-1	70	4	-260	16.4	5576
15.0	71	-15	68	-8	-200	14.3	5600
17.5	70	-13	67	-7	-186	13.2	5382
20.0	64	-18	61	-11	-130	12.6	4761
22.5	62	-13	59	-7	-126	11.7	4422
25.0	53	-16	53	-10	-64	10.8	3955
27.5	60	-12	55	-7	-46	10.9	4114
30.0	58	-9	54	-5	-2	10.7	3873
32.5	57	-7	52	-4	14	10.5	3821
35.0	57	-5	52	-3	39	10.4	3782
37.5	53	-4	47	-2	48	10.2	3392
40.0	53	-4	47	-2	60	10.5	3335
42.5	51	-3	45	-2	73	10.7	3159
45.0	51	-3	45	-2	92	10.5	3296
47.5	51	-2	45	0	114	10.7	3270
50.0	47	-1	41	-0	131	11.0	2829

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	55	-1	56	2	-481	19.7	3550
7.5	69	0	68	5	-417	18.9	5274
10.0	73	-1	71	4	-348	17.7	5746
12.5	72	-5	70	1	-267	16.2	5625
15.0	71	-12	68	-5	-214	14.5	5551
17.5	69	-14	66	-8	-179	13.4	5269
20.0	65	-16	62	-9	-141	12.6	4782
22.5	62	-15	59	-8	-115	11.6	4421
25.0	59	-15	55	-9	-72	11.0	4052
27.5	59	-12	54	-7	-43	10.9	4096
30.0	58	-9	53	-5	-8	10.7	3916
32.5	57	-7	52	-4	14	10.5	3835
35.0	56	-5	51	-3	35	10.4	3695
37.5	54	-4	48	-2	48	10.3	3448
40.0	53	-4	47	-2	60	10.5	3319
42.5	51	-3	45	-2	72	10.6	3205
45.0	51	-3	45	-1	94	10.6	3285
47.5	50	-2	44	-0	113	10.8	3163
50.0	48	-1	42	-0	125	10.9	2940

STORM 17
LEVEL 3

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
ISBELL	641014	15960	570	2140-2158	I	24 / 93	93

STORM SPD	DIR	TRUE HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN PDR CENT EYERAD	MAX WINDS PRES/ACTUAL	RELIUS /MAX WD/
11	35	265	SE / 3	145	13.	970 / 87	71 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	59	16	57	34	-20	3.4
7.5	62	1	61	19	30	6.6
10.0	68	18	49	36	70	6.4
12.5	71	-14	62	-7	60	2.3
15.0	83	-10	67	-5	140	.5
17.5	84	-2	65	2	200	.8
20.0	87	5	71	9	280	.8
22.5	86	8	65	12	350	.5
25.0	85	-8	69	-4	370	-.1
27.5	92	-17	64	-14	380	-.5
30.0	79	-17	58	-14	390	-.3
32.5	77	-21	57	-19	400	-.6
35.0	72	-20	47	-19	400	-.7
37.5	69	-20	49	-19	420	-.9
40.0	68	-25	44	-22	440	-1.0
42.5	64	-21	43	-21	470	-.8
45.0	62	-17	42	-18	500	-.5
47.5	61	-12	41	-12	530	-.6
50.0	60	-16	40	-18	540	-1.0

STORM 17

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
ISBELL	641014	15960	570	2140-2158	I	24	83	35	11	265	SE	3	145	93	13	970	87	20.0	71

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	59	16	57	34	-20	3.4	3481
7.5	62	1	61	19	30	6.6	3844
10.0	68	18	49	36	70	6.4	4624
12.5	71	-14	62	-7	60	2.3	5041
15.0	83	-10	67	-5	140	.5	6889
17.5	84	-2	65	2	200	.8	7056
20.0	87	5	71	9	280	.8	7569
22.5	86	8	65	12	350	.5	7396
25.0	85	-8	69	-4	370	-.1	7225
27.5	82	-17	64	-14	380	-.5	6724
30.0	79	-17	58	-14	390	-.3	6241
32.5	77	-21	57	-19	400	-.6	5929
35.0	72	-20	47	-19	400	-.7	5184
37.5	69	-20	49	-19	420	-.9	4761
40.0	68	-25	44	-22	440	-1.0	4624
42.5	64	-21	43	-21	470	-.8	4096
45.0	62	-17	42	-18	500	-.5	3844
47.5	61	-12	41	-12	530	-.6	3721
50.0	60	-16	40	-18	540	-1.0	3600

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	60	11	58	29	-3	4.5	3602
7.5	63	7	57	25	31	6.0	3978
10.0	67	7	54	22	57	5.3	4566
12.5	73	-7	61	0	79	2.6	5394
15.0	80	-7	65	-1	139	1.1	6554
17.5	83	-1	66	2	204	.9	7058
20.0	85	4	68	8	278	.7	7398
22.5	85	3	66	7	337	.4	7353
25.0	84	-7	67	-3	364	-.1	7131
27.5	81	-14	63	-11	378	-.3	6705
30.0	79	-17	59	-14	389	-.4	6279
32.5	76	-19	55	-17	397	-.6	5830
35.0	72	-19	49	-18	404	-.7	5239
37.5	69	-21	47	-19	421	-.9	4846
40.0	67	-23	44	-21	442	-.9	4547
42.5	64	-20	43	-20	470	-.8	4145
45.0	62	-16	42	-17	500	-.6	3888
47.5	61	-14	41	-14	525	-.7	3732
50.0	60	-15	40	-16	535	-.9	3644

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PDR CENT PRES/ACTUAL/REL / MAX WINDS /MAX WD/ RADIUS

STORM 18

LEVEL 1

/BETSY / 650903 / 8090 / 763 / 1856-1913 / 0 / 25 / 73 / 252 /

/10 / 315 / 100 / E / 4 / 100 / 13 / 952 / 97 / 87 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	36	-7	27	15	-1240	17.6
7.5	40	-2	45	18	-1200	17.7
10.0	61	-1	61	32	-1140	17.4
12.5	77	-1	78	28	-1070	17.2
15.0	82	0	80	21	-940	17.5
17.5	77	-5	72	17	-830	17.6
20.0	74	-4	68	14	-700	17.4
22.5	75	-8	69	11	-640	16.6
25.0	98	-14	79	-1	-560	14.0
27.5	96	-15	85	3	-480	12.4
30.0	97	-18	87	-1	-330	11.4
32.5	94	-13	84	-6	-300	10.8
35.0	88	-16	80	-5	-240	10.6
37.5	92	-12	75	-3	-190	10.6
40.0	75	-12	70	-1	-150	10.8
42.5	71	-9	65	1	-120	10.9
45.0	66	-11	60	1	-90	10.6
47.5	64	-6	56	2	-60	999.0
50.0	999	999	53	4	999	999.0

/BETSY / 650903 / 8090 / 763 / 2315-2327 / 1 / 25 / 73 / 254 /

/10 / 315 / 335 / W / 7 / 210 / 28 / 952 / 81 / 97 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-2	30	17	-1270	17.9
7.5	49	-3	56	20	-1250	17.3
10.0	61	-10	68	24	-1210	16.7
12.5	69	-5	75	29	-1120	15.6
15.0	74	0	80	26	-1020	14.8
17.5	77	-5	84	31	-880	14.2
20.0	80	-1	89	16	-710	13.7
22.5	83	4	93	4	-620	13.3
25.0	95	7	97	13	-550	12.5
27.5	74	5	92	18	-470	12.2
30.0	74	17	82	18	-410	999.0
32.5	75	21	85	24	-560	11.8
35.0	67	16	78	17	-450	11.9
37.5	67	15	77	14	-420	11.2
40.0	68	23	78	20	-410	11.5
42.5	70	-6	77	-10	-390	11.0
45.0	74	21	82	15	-300	10.9
47.5	69	2	76	-4	-340	8.9
50.0	59	10	66	2	-300	10.2

/BETSY / 650903 / 8090 / 763 / 2328-2354 / 0 / 25 / 73 / 256 /

/10 / 315 / 265 / W / 8 / 265 / 28 / 952 / 84 / 85 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	43	11	30	-13	-1200	16.4
7.5	70	22	40	-1	-1130	15.6
10.0	75	24	75	2	-1010	14.9
12.5	79	22	70	-1	-910	14.2
15.0	79	23	70	5	-840	14.0
17.5	75	29	83	17	-710	14.1
20.0	74	18	85	4	-610	14.4
22.5	79	6	82	-7	-530	13.6
25.0	90	4	80	-9	-430	12.8
27.5	84	12	79	0	-360	12.2
30.0	79	15	78	2	-320	12.0
32.5	69	12	78	0	-290	11.9
35.0	68	13	77	3	-260	11.7
37.5	66	17	75	4	-230	11.7
40.0	63	14	72	2	-190	11.8
42.5	62	10	66	3	-170	11.6
45.0	61	12	66	2	-150	11.1
47.5	60	3	68	-2	-130	11.0
50.0	58	2	68	-3	-90	11.0

/BETSY / 650903 / 8090 / 763 / 2038-2100 / 1 / 25 / 73 / 253 /

/10 / 315 / 330 / SE / 5 / 145 / 13 / 952 / 98 / 99 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	-6	40	9	-1220	17.3
7.5	58	-11	63	7	-1200	18.8
10.0	72	-19	80	9	-1150	18.8
12.5	76	-7	79	16	-1030	17.6
15.0	74	-6	76	10	-960	16.0
17.5	74	-11	74	7	-910	14.6
20.0	98	-13	86	19	-820	13.7
22.5	97	15	97	28	-670	13.2
25.0	98	4	99	22	-530	12.6
27.5	91	0	96	20	-480	12.2
30.0	88	2	92	20	-420	11.8
32.5	84	5	88	20	-350	11.6
35.0	82	6	85	21	-290	11.5
37.5	79	8	81	21	-240	11.6
40.0	77	4	77	17	-180	11.3
42.5	73	0	74	13	-160	11.0
45.0	71	0	72	12	-150	11.0
47.5	69	0	70	12	-120	10.9
50.0	67	0	69	14	-90	10.8

/BETSY / 650903 / 8090 / 763 / 1941-2000 / 0 / 25 / 73 / 255 /

/10 / 315 / 220 / SW / 7 / 220 / 13 / 952 / 81 / 99 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	39	5	34	16	-1260	17.6
7.5	57	13	48	21	-1150	17.1
10.0	75	21	82	26	-1040	15.4
12.5	77	21	90	29	-930	14.2
15.0	72	17	85	25	-810	13.8
17.5	73	27	88	35	-730	13.8
20.0	73	37	87	38	-660	13.3
22.5	81	0	99	4	-600	12.5
25.0	78	9	95	10	-510	12.5
27.5	75	15	91	17	-440	12.4
30.0	72	14	90	19	-390	12.0
32.5	68	12	88	17	-340	12.0
35.0	66	15	83	20	-290	11.9
37.5	63	13	80	17	-230	11.8
40.0	60	7	78	10	-190	11.7
42.5	56	-2	80	4	-150	11.5
45.0	52	-5	82	4	-120	11.2
47.5	50	0	82	0	-80	10.9
50.0	50	-1	70	-1	-50	10.0

/BETSY / 650903 / 8090 / 763 / 2101-2123 / 0 / 25 / 73 / 257 /

/10 / 315 / 320 / NW / 1 / 320 / 13 / 952 / 94 / 100 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	22	6	33	-15	-1260	16.3
7.5	33	9	37	-14	-1230	16.0
10.0	65	9	51	-17	-1190	15.3
12.5	76	7	78	-20	-1070	14.6
15.0	81	7	83	-17	-940	14.2
17.5	84	12	83	-9	-830	14.1
20.0	91	19	89	-9	-750	13.7
22.5	94	6	100	-17	-640	13.2
25.0	90	0	93	-20	-540	12.6
27.5	89	-9	91	-18	-490	11.8
30.0	88	-5	90	-22	-430	11.0
32.5	86	1	88	-18	-350	10.7
35.0	82	-4	82	-22	-300	10.6
37.5	78	-4	80	-14	-260	10.8
40.0	78	3	78	-10	-200	11.7
42.5	80	17	83	-7	-150	12.2
45.0	79	13	85	-6	-120	12.0
47.5	69	8	90	-6	-80	11.3
50.0	66	-1	68	-17	-50	10.7

STORM 18

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BETSY	650903	9090	763	1856-1913	O	25	73	315	10	100	E	4	100	252	13	952	97	30.0	87
BETSY	650903	9090	763	2039-2100	I	25	73	315	10	330	SE	5	145	253	13	952	98	22.5	99
BETSY	650903	9090	763	2315-2327	I	25	73	315	10	335	W	7	210	254	28	952	81	22.5	97
BETSY	650903	9090	763	1941-2000	O	25	73	315	10	220	SW	7	220	255	13	952	81	22.5	99
BETSY	650903	9090	763	2328-2354	O	25	73	315	10	265	W	8	265	256	28	952	84	27.5	85
BETSY	650903	9090	763	2101-2123	O	25	73	315	10	320	NW	1	320	257	13	952	94	22.5	100

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	31	0	31	2	-1241	17.1	1085
7.5	48	3	46	5	-1199	17.0	2515
10.0	66	3	65	9	-1136	16.5	4490
12.5	75	4	77	9	-1036	15.7	5764
15.0	78	5	79	7	-927	15.3	6174
17.5	77	5	79	11	-823	15.1	6076
20.0	81	7	82	9	-717	14.7	6667
22.5	85	3	88	2	-624	14.1	7361
25.0	87	-1	88	-1	-527	13.0	7757
27.5	87	-2	87	2	-461	12.2	7759
30.0	85	-0	87	0	-394	11.5	7345
32.5	82	1	85	0	-349	11.2	6951
35.0	79	0	80	-0	-291	11.1	6280
37.5	75	1	77	1	-249	11.1	5704
40.0	72	3	74	2	-203	11.4	5306
42.5	71	2	73	0	-171	11.4	5126
45.0	69	4	73	2	-137	11.2	4873
47.5	64	1	70	0	-114	10.8	4204
50.0	63	0	64	-1	-95	10.7	4031

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	37	1	36	3	-1227	17.1	1562
7.5	50	3	48	6	-1190	16.9	2771
10.0	64	3	64	8	-1125	16.4	4379
12.5	73	4	74	8	-1031	15.8	5520
15.0	77	5	78	8	-927	15.4	5986
17.5	79	6	79	10	-822	15.1	6201
20.0	81	5	83	7	-720	14.6	6724
22.5	85	2	87	2	-623	13.9	7301
25.0	87	-0	88	0	-535	13.0	7643
27.5	86	-1	87	1	-463	12.2	7626
30.0	85	-0	86	0	-400	11.6	7317
32.5	82	0	84	0	-347	11.3	6875
35.0	78	0	81	0	-295	11.2	6285
37.5	75	1	77	1	-249	11.2	5750
40.0	72	2	75	1	-207	11.4	5372
42.5	71	3	74	1	-171	11.3	5124
45.0	68	3	72	1	-140	11.1	4769
47.5	65	1	69	-0	-115	10.9	4287
50.0	64	1	65	-1	-105	10.7	4165

STORM 18
LEVEL 2

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PER CENT PRES/ACTUAL/REL / MAX WINDS /MAX WD/ RADIUS

/BETSY / 650903 / 11780 / 667 / 1903-1920 / I / 25 / 73 / 258 /

/10 / 315 / 215 / NE / 3 / 40 / 13 / 952 / 99 / 95 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	32	1	20	-2	-860	13.4
7.5	40	2	31	0	-850	12.5
10.0	49	6	63	5	-790	11.5
12.5	84	3	74	2	-780	10.2
15.0	90	3	81	1	-550	8.9
17.5	86	7	76	5	-440	8.4
20.0	87	12	74	10	-340	8.0
22.5	96	-2	87	-3	-270	7.6
25.0	99	-4	95	-6	-210	6.8
27.5	94	-1	90	-3	-90	6.1
30.0	92	0	83	-2	10	5.8
32.5	89	-4	80	-5	70	5.8
35.0	85	-6	75	-7	110	5.8
37.5	83	-1	74	-3	140	5.8
40.0	82	-3	73	-4	180	5.7
42.5	80	0	72	-2	240	5.5
45.0	79	10	69	9	270	5.5
47.5	74	20	66	18	270	5.9
50.0	71	11	60	9	280	5.8

/BETSY / 650903 / 11780 / 667 / 1958-2015 / I / 25 / 73 / 260 /

/10 / 315 / 325 / SE / 5 / 140 / 15 / 952 / 92 / 94 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	25	-8	24	0	-940	14.2
7.5	37	-3	37	5	-890	13.8
10.0	55	-6	56	2	-830	13.5
12.5	69	-3	75	6	-790	13.3
15.0	80	-8	81	1	-620	12.4
17.5	82	-5	82	5	-490	11.6
20.0	82	-4	82	5	-420	10.2
22.5	84	-10	84	0	-360	8.2
25.0	92	-1	94	9	-260	8.7
27.5	90	2	90	12	-140	7.9
30.0	87	-14	86	-4	-70	7.3
32.5	88	-13	89	-3	0	7.1
35.0	77	2	72	12	70	7.4
37.5	77	0	72	10	150	7.8
40.0	79	8	71	17	190	7.4
42.5	74	3	71	12	200	6.9
45.0	67	-6	65	4	210	6.5
47.5	65	3	65	13	240	6.4
50.0	65	-10	65	0	280	6.8

/BETSY / 650903 / 11780 / 667 / 1810-1828 / I / 25 / 73 / 262 /

/10 / 315 / 80 / W / 8 / 255 / 10 / 952 / 75 / 78 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	34	4	38	0	-710	11.8
7.5	47	10	59	5	-670.	10.3
10.0	59	0	68	-4	-640	9.6
12.5	65	7	72	3	-540	9.2
15.0	65	6	73	2	-400	8.7
17.5	62	3	69	-1	-280	8.4
20.0	63	9	67	5	-200	8.5
22.5	72	21	72	17	-120	8.3
25.0	75	18	78	14	-50	7.7
27.5	75	15	78	11	0	7.3
30.0	68	0	73	-4	20	7.0
32.5	64	1	70	-3	50	6.4
35.0	61	1	66	-3	90	5.5
37.5	58	3	65	-1	130	4.7
40.0	56	-5	64	-8	160	4.3
42.5	52	-1	60	-6	180	3.9
45.0	47	2	57	-3	200	3.9
47.5	46	3	52	-1	250	3.9
50.0	46	4	52	0	260	4.0

/BETSY / 650903 / 11780 / 667 / 1828-1847 / O / 25 / 73 / 259 /

/10 / 315 / 90 / E / 4 / 90 / 10 / 952 / 100 / 95 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	-6	19	0	-890	13.7
7.5	47	-7	37	-1	-820	13.7
10.0	59	-11	61	-6	-790	13.6
12.5	75	-11	83	-5	-690	12.4
15.0	84	-12	81	-7	-560	10.6
17.5	87	-10	76	-5	-430	9.6
20.0	93	-6	73	0	-310	9.6
22.5	95	-5	86	1	-180	9.4
25.0	100	-11	95	-6	-100	7.7
27.5	98	-17	90	-11	-40	7.0
30.0	92	-17	86	-11	40	6.5
32.5	87	-19	73	-13	80	6.1
35.0	85	-13	75	-7	140	5.7
37.5	83	-10	74	-4	180	5.6
40.0	81	-8	73	-2	220	5.7
42.5	79	-7	72	-1	250	5.9
45.0	74	-10	68	-4	290	5.7
47.5	70	-13	66	-6	330	5.4
50.0	68	-10	63	-3	350	5.3

/BETSY / 650903 / 11780 / 667 / 1920-1938 / O / 25 / 73 / 261 /

/10 / 315 / 210 / SW / 7 / 210 / 11 / 952 / 74 / 84 / 27.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	27	-2	31	1	-900	13.6
7.5	42	4	51	8	-820	12.2
10.0	63	7	70	10	-720	10.6
12.5	71	16	82	19	-600	9.5
15.0	70	9	79	13	-450	9.4
17.5	65	7	72	10	-400	9.2
20.0	63	15	72	19	-320	8.7
22.5	66	18	74	21	-200	7.8
25.0	69	21	80	24	-70	7.2
27.5	74	23	84	26	-10	7.0
30.0	74	23	82	26	70	7.4
32.5	73	20	78	23	130	7.6
35.0	68	14	74	17	170	7.3
37.5	61	9	71	12	210	6.0
40.0	55	-1	69	-2	250	5.5
42.5	54	1	66	4	280	5.7
45.0	53	0	63	3	300	5.2
47.5	49	-9	53	-6	310	4.8
50.0	44	-2	51	0	330	4.7

/BETSY / 650903 / 11780 / 667 / 2015-2039 / O / 25 / 73 / 263 /

/10 / 315 / 330 / NW / 1 / 330 / 15 / 952 / 87 / 85 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	24	9	65	0	-810	12.2
7.5	70	19	73	9	-700	9.5
10.0	72	11	72	1	-620	8.6
12.5	71	3	69	-6	-500	8.3
15.0	74	7	74	-3	-400	8.6
17.5	80	14	77	4	-310	9.0
20.0	84	23	83	13	-230	8.5
22.5	87	14	85	4	-150	8.1
25.0	87	17	85	7	-110	7.6
27.5	87	5	85	-4	-70	6.9
30.0	88	10	85	1	-10	5.9
32.5	87	9	84	0	80	5.7
35.0	84	5	80	-5	120	5.9
37.5	81	1	77	-8	160	6.2
40.0	79	9	73	0	190	6.5
42.5	77	11	72	2	240	6.5
45.0	76	20	70	10	280	6.5
47.5	76	15	70	5	320	6.6
50.0	75	4	72	-5	330	6.5

STORM 18

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BETSY	650903	11780	667	1903-1920	I	25	73	315	10	215	NE	3	40	258	13	952	99	25.0	95
BETSY	650903	11780	667	1928-1847	O	25	73	315	10	90	E	4	90	259	10	952	100	25.0	95
BETSY	650903	11780	667	1953-2015	I	25	73	315	10	325	SE	5	140	260	15	952	92	25.0	94
BETSY	650903	11780	667	1920-1938	O	25	73	315	10	210	SW	7	210	261	11	952	74	27.5	84
BETSY	650903	11780	667	1810-1828	I	25	73	315	10	80	W	8	255	262	10	952	75	25.0	78
BETSY	650903	11780	667	2015-2039	O	25	73	315	10	330	NW	1	330	263	15	952	87	22.5	85

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	27	0	34	-0	-848	13.1	779
7.5	49	4	49	4	-787	11.9	2571
10.0	63	1	65	1	-726	11.1	4039
12.5	72	2	75	2	-644	10.4	5275
15.0	76	1	77	1	-491	9.7	5986
17.5	76	3	75	3	-387	9.3	6008
20.0	77	9	75	8	-300	8.9	6174
22.5	83	6	81	6	-212	8.2	7049
25.0	96	7	87	7	-133	7.6	7655
27.5	86	4	86	5	-59	7.0	7493
30.0	83	0	82	1	8	6.6	7052
32.5	81	-0	79	0	67	6.4	6720
35.0	76	1	73	1	114	6.3	5975
37.5	73	0	72	0	160	6.0	5569
40.0	72	0	70	0	195	5.9	5334
42.5	69	1	68	1	231	5.8	4934
45.0	66	3	65	3	257	5.6	4502
47.5	63	4	62	4	286	5.5	4196
50.0	61	-0	60	0	304	5.6	3981

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	34	1	39	1	-828	12.7	1377
7.5	49	3	50	3	-782	11.9	2640
10.0	62	2	64	2	-719	11.1	3998
12.5	70	2	73	2	-624	10.4	5133
15.0	75	2	76	1	-499	9.8	5778
17.5	76	4	75	4	-393	9.3	5992
20.0	78	7	77	7	-301	8.8	6347
22.5	83	6	81	6	-214	8.2	7025
25.0	85	6	85	6	-135	7.6	7457
27.5	85	4	85	4	-61	7.1	7373
30.0	83	1	82	1	5	6.7	7049
32.5	80	0	78	0	63	6.5	6616
35.0	77	0	74	0	113	6.3	6034
37.5	74	0	72	0	157	6.1	5626
40.0	71	0	70	0	194	5.9	5307
42.5	69	1	68	1	228	5.7	4920
45.0	66	3	65	3	257	5.6	4530
47.5	63	2	62	2	283	5.6	4226
50.0	62	0	61	1	297	5.6	4062

PRES ALT TIME IN
STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN PER CENT MAX WINDS RADIUS
SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

STORM 18

LEVEL 3

/BETSY / 650903 / 18280 / 520 / 15- 30 / 0 / 25 / 73 / 264 //BETSY / 650903 / 18280 / 520 / 2239-2355 / 0 / 25 / 73 / 266 / /BETSY / 650903 / 18280 / 520 / 2325-2342 / 0 / 25 / 73 / 268 /

10 / 315 / 30 / NE / 3 / 30 / 10 / 952 / 90 / 84 / 25.0 /10 / 315 / 150 / SE / 5 / 150 / 10 / 952 / 83 / 88 / 20.0 /10 / 315 / 270 / W / 8 / 270 / 10 / 952 / 67 / 75 / 30.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	3	19	-8	999	4.1	5.0	23	-3	25	11	-290	999.0	5.0	21	10	30	-9	-300	3.7
7.5	40	4	36	-10	999	3.2	7.5	34	-3	40	13	-290	4.9	7.5	36	8	44	-5	-210	2.2
10.0	58	4	50	-10	999	1.8	10.0	46	-2	50	14	-240	5.0	10.0	46	10	52	-6	-130	.8
12.5	69	7	60	-9	999	.3	12.5	56	-5	61	13	-190	4.6	12.5	52	10	57	-7	-80	-.2
15.0	76	6	70	-11	999	-.5	15.0	63	-9	68	10	-120	4.0	15.0	56	15	65	-4	80	-.7
17.5	81	4	75	-11	999	-.7	17.5	73	-12	80	8	-40	2.8	17.5	59	12	62	-4	200	-.9
20.0	85	9	78	-8	999	-.9	20.0	83	-12	88	2	70	1.0	20.0	57	14	65	-7	320	-.9
22.5	97	17	80	-7	999	-1.1	22.5	93	-4	86	7	140	-.2	22.5	54	7	60	-2	380	-.5
25.0	90	12	84	-7	999	-1.3	25.0	82	-2	83	12	240	-1.2	25.0	56	0	65	-17	440	-.2
27.5	97	10	81	-5	999	-1.4	27.5	81	-2	75	14	310	-1.9	27.5	62	-6	70	-17	520	.1
30.0	96	11	79	-3	999	-1.5	30.0	77	-1	78	12	390	-2.3	30.0	67	-9	75	-14	550	.3
32.5	98	20	77	1	999	-1.3	32.5	73	-8	76	4	440	-2.4	32.5	66	1	74	-9	590	.3
35.0	99	12	74	5	999	-1.1	35.0	72	-9	74	0	490	-2.3	35.0	62	-7	70	-5	630	.1
37.5	93	9	70	2	999	-.8	37.5	70	-8	72	-5	520	-2.4	37.5	64	8	72	-3	680	-.1
40.0	78	6	70	-1	999	-.7	40.0	67	-5	72	1	570	-2.5	40.0	65	10	70	-2	720	-.1
42.5	76	10	70	-1	999	-.7	42.5	65	3	72	3	600	-2.5	42.5	64	7	68	-1	720	-.1
45.0	77	10	71	-1	999	-.9	45.0	66	-3	72	4	640	-2.5	45.0	62	8	67	0	700	-.2
47.5	78	6	69	-2	999	-1.1	47.5	64	-10	65	10	660	-2.6	47.5	60	13	66	6	700	-.3
50.0	74	0	65	-4	999	-1.3	50.0	60	-14	62	12	690	-2.5	50.0	59	17	67	11	730	-.4

/BETSY / 650903 / 18280 / 520 / 2310-2325 / 1 / 25 / 73 / 265 //BETSY / 650903 / 18280 / 520 / 2358- 15 / 1 / 25 / 73 / 267 / /BETSY / 650903 / 18280 / 520 / 2225-2236 / 1 / 25 / 73 / 269 /

/10 / 315 / 270 / E / 4 / 85 / 10 / 952 / 91 / 87 / 17.5 /10 / 315 / 30 / SW / 7 / 215 / 10 / 952 / 79 / 85 / 20.0 /10 / 315 / 150 / N / 1 / 335 / 10 / 952 / 89 / 89 / 17.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	-11	26	999	-290	4.1	5.0	22	0	34	11	999	3.5	5.0	37	7	34	-9	-260	2.0
7.5	35	-14	36	12	-270	3.4	7.5	34	-2	44	5	999	2.7	7.5	53	15	56	-6	-210	1.8
10.0	50	-15	45	5	-250	2.6	10.0	47	-5	60	5	999	2.0	10.0	65	17	54	-8	-110	1.2
12.5	65	-11	57	4	-200	1.8	12.5	64	-10	74	2	999	1.5	12.5	74	21	49	-2	-10	1.0
15.0	83	-11	78	4	-100	1.4	15.0	73	-2	80	6	999	1.4	15.0	83	23	45	24	80	1.4
17.5	91	-6	87	7	0	1.5	17.5	77	2	84	10	999	1.6	17.5	89	26	89	13	170	1.3
20.0	88	-2	86	7	90	1.6	20.0	78	0	85	9	35	1.7	20.0	88	11	72	12	240	1.0
22.5	93	-5	84	10	190	1.5	22.5	78	-1	85	1	41	1.5	22.5	93	10	79	-7	310	.9
25.0	89	0	82	12	280	1.2	25.0	73	-8	80	-4	46	1.2	25.0	81	8	75	-3	380	1.0
27.5	87	1	80	13	340	.7	27.5	69	-9	67	-5	54	1.1	27.5	80	18	73	-3	450	1.1
30.0	95	-4	79	15	390	.7	30.0	55	-5	67	8	64	1.1	30.0	76	25	74	9	530	1.1
32.5	92	-1	74	8	430	.5	32.5	55	6	67	8	70	1.0	32.5	70	16	67	2	620	1.0
35.0	90	1	72	11	400	.3	35.0	54	4	64	7	73	.7	35.0	65	14	61	4	680	.8
37.5	78	-4	74	12	470	.1	37.5	53	0	64	3	76	.3	37.5	64	8	59	-5	710	.6
40.0	74	-4	63	11	570	-.5	40.0	52	-2	64	3	80	.1	40.0	65	10	61	2	740	.3
42.5	70	-8	61	7	590	-.9	42.5	53	-3	63	4	81	.1	42.5	65	20	58	3	750	.1
45.0	69	-10	60	1	630	-1.1	45.0	55	1	62	9	77	.1	45.0	65	19	57	5	770	-.2
47.5	69	-6	60	2	660	-1.4	47.5	54	5	61	10	73	0.0	47.5	65	17	56	12	810	-.4
50.0	68	-7	60	4	690	-1.5	50.0	53	13	60	11	73	0.0	50.0	64	16	56	13	840	-.7

STORM 18

LEVEL 3

STORM	DATE	/LVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BETSY	650903	18280	520	15- 30	O	25	73	315	10	30	NE	3	30	264	10	952	90	25.0	84
BETSY	650903	18280	520	2310-2325	I	25	73	315	10	270	E	4	85	265	10	952	91	17.5	87
BETSY	650903	18280	520	2339-2355	O	25	73	315	10	150	SE	5	150	266	10	952	83	20.0	88
BETSY	650903	18280	520	2350- 15	I	25	73	315	10	30	SW	7	215	267	10	952	78	20.0	85
BETSY	650903	18280	520	2325-2342	O	25	73	315	10	270	W	8	270	269	10	952	67	30.0	75
BETSY	650903	18280	520	2225-2236	I	25	73	315	10	150	N	1	335	269	10	952	89	17.5	89

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	24	0	28	-0	-285	3.5	654
7.5	38	1	42	1	-242	3.1	1534
10.0	51	1	51	0	-182	2.3	2737
12.5	63	1	59	0	-120	1.6	4043
15.0	72	3	67	5	-15	1.2	5306
17.5	78	4	79	4	82	1.0	6233
20.0	79	2	79	2	152	.6	6484
22.5	79	3	79	0	216	.4	6422
25.0	78	1	78	-0	284	.1	6246
27.5	75	1	74	-0	343	-.1	5889
30.0	74	2	75	4	396	-.1	5619
32.5	72	5	72	2	444	-.2	5312
35.0	69	2	69	3	488	-.3	5016
37.5	69	1	69	0	506	-.4	4784
40.0	66	2	66	2	554	-.6	4511
42.5	65	4	65	2	567	-.7	4316
45.0	65	3	64	3	585	-.8	4334
47.5	64	3	62	6	605	-1.0	4252
50.0	62	3	61	8	630	-1.1	3988

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	29	1	32	-0	-271	3.3	947
7.5	39	1	42	1	-234	3.0	1688
10.0	51	1	51	0	-180	2.3	2801
12.5	62	2	59	1	-109	1.7	4048
15.0	71	3	68	4	-14	1.3	5223
17.5	76	3	76	3	82	1.0	6043
20.0	78	3	78	2	148	.6	6358
22.5	78	3	78	0	216	.4	6362
25.0	77	1	77	-0	282	.1	6186
27.5	75	2	75	0	341	-.0	5896
30.0	74	3	74	3	394	-.1	5612
32.5	72	3	72	2	438	-.2	5313
35.0	70	2	69	2	470	-.3	5032
37.5	68	2	68	1	509	-.4	4778
40.0	66	2	66	2	546	-.6	4529
42.5	65	4	65	2	566	-.7	4374
45.0	65	4	64	3	585	-.8	4324
47.5	64	3	62	6	606	-1.0	4204
50.0	63	3	62	7	622	-1.0	4060

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	TRUE DIR	OCTANT HDG	AZMTH NOTH/STM	IN POR CENT ANGLE/EYERAD	MAX WINDS PRES/ACTUAL	/REL	RADIUS /MAX WD/

/BETSY / 650903 / 38670 / 221 / 1710-1717 / 0 / 25 / 73 / 504 //BETSY / 650903 / 38670 / 221 / 1703-1709 / 1 / 25 / 73 / 506 /

/10 / 315 / 45 / NE / 3 / 45 / 10 / 952 / 56 / 48 / 37.5 /10 / 315 / 55 / SW / 7 / 240 / 10 / 952 / 35 / 43 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	16	9	15	999	-45.9	5.0	-7	-10	2	-13	999	-45.4
7.5	19	17	10	16	999	-46.2	7.5	3	-14	11	-16	999	-45.4
10.0	24	8	15	8	999	-46.4	10.0	3	-12	12	-14	999	-45.0
12.5	25	9	16	10	999	-46.3	12.5	17	-13	28	-15	999	-45.0
15.0	37	13	28	13	999	-46.3	15.0	35	0	43	-2	999	-46.1
17.5	39	13	30	13	999	-46.6	17.5	23	3	1	1	999	-46.5
20.0	43	22	34	22	999	-46.9	20.0	22	-4	31	-6	999	-47.3
22.5	42	23	33	29	999	-47.3	22.5	14	-20	23	-22	999	-48.4
25.0	41	34	33	34	999	-47.8	25.0	9	-23	18	-25	999	-48.9
27.5	45	27	36	27	999	-48.6	27.5	18	-20	26	-22	999	-49.2
30.0	44	27	35	27	999	-49.0	30.0	14	-14	23	-16	999	-49.8
32.5	42	29	33	29	999	-49.2	32.5	13	-7	21	-8	999	-50.6
35.0	42	27	34	27	999	-49.5	35.0	17	-7	25	-9	999	-50.5
37.5	56	33	48	33	999	-50.2	37.5	19	4	28	2	999	-50.7
40.0	50	30	42	31	999	-50.6	40.0	19	10	28	8	999	-50.7
42.5	49	27	41	29	999	-51.0	42.5	19	10	27	8	999	-51.1
45.0	50	33	42	34	999	-51.1	45.0	13	8	22	7	999	-51.3
47.5	50	30	41	31	999	-51.1	47.5	12	7	20	5	999	-51.5
50.0	48	33	39	35	999	-51.0	50.0	13	13	22	11	999	-52.4

/BETSY / 650903 / 38670 / 221 / 1734-1740 / 1 / 25 / 73 / 505 //BETSY / 650903 / 38670 / 221 / 1742-1749 / 0 / 25 / 73 / 507 /

/10 / 315 / 355 / S / 6 / 190 / 10 / 952 / 35 / 41 / 30.0 /10 / 315 / 350 / N / 2 / 350 / 10 / 952 / 34 / 32 / 32.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	0	-13	7	-9	999	-46.5	5.0	3	12	0	4	999	-45.8
7.5	10	-11	18	-6	999	-46.8	7.5	9	7	5	-1	999	-46.1
10.0	25	-9	33	-4	999	-47.0	10.0	14	12	10	5	999	-46.2
12.5	21	-8	29	-3	999	-47.2	12.5	21	12	16	5	999	-46.1
15.0	23	-10	30	-5	999	-47.7	15.0	27	9	22	2	999	-46.5
17.5	18	-25	25	-20	999	-48.2	17.5	30	12	25	5	999	-46.5
20.0	19	-24	25	-29	999	-49.4	20.0	31	23	26	16	999	-46.9
22.5	33	-33	40	-27	999	-49.8	22.5	30	25	25	17	999	-47.3
25.0	33	-13	39	-8	999	-49.9	25.0	29	27	24	19	999	-47.8
27.5	26	-15	33	-9	999	-56.3	27.5	31	22	26	14	999	-48.5
30.0	35	-5	41	1	999	-50.0	30.0	31	21	26	14	999	-48.7
32.5	33	7	40	13	999	-50.8	32.5	34	21	30	13	999	-49.1
35.0	33	11	40	17	999	-51.2	35.0	999	999	999	999	999	-49.8
37.5	30	5	36	11	999	-51.3	37.5	999	999	999	999	999	-50.2
40.0	999	999	999	999	999	-51.6	40.0	999	999	999	999	999	-50.5
42.5	999	999	999	999	999	-51.7	42.5	999	999	999	999	999	-50.8
45.0	999	999	999	999	999	-51.9	45.0	999	999	999	999	999	-51.0
47.5	999	999	999	999	999	-52.0	47.5	999	999	999	999	999	-51.3
50.0	999	999	999	999	999	-52.1	50.0	999	999	999	999	999	-52.5

STORM 18

LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BETSY	650903	38670	221	1710-1717	O	25	73	315	10	45	NE	3	45	504	10	952	56	37.5	48
BETSY	650903	38670	221	1734-1740	I	25	73	315	10	355	S	6	190	505	10	952	35	30.0	41
BETSY	650903	38670	221	1703-1709	I	25	73	315	10	55	SW	7	240	506	10	952	35	15.0	43
BETSY	650903	38670	221	1742-1749	O	25	73	315	10	350	N	2	350	507	10	952	34	32.5	32

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	4	1	4	-0	999	-45.9	102
7.5	10	0	11	-0	999	-46.2	147
10.0	17	-0	18	-0	999	-46.2	376
12.5	21	0	21	-0	999	-46.2	474
15.0	30	2	30	2	999	-46.7	962
17.5	27	0	21	-0	999	-47.0	834
20.0	28	1	29	0	999	-47.7	929
22.5	30	0	30	-0	999	-48.2	1034
25.0	28	6	29	6	999	-48.6	972
27.5	30	4	30	3	999	-51.0	1037
30.0	31	7	31	7	999	-49.4	1133
32.5	31	13	31	12	999	-49.9	1087
35.0	32	12	32	13	999	-50.3	1140
37.5	37	16	38	17	999	-50.6	1701
40.0	34	20	35	19	999	-50.9	1430
42.5	34	18	34	18	999	-51.2	1381
45.0	31	20	32	20	999	-51.3	1334
47.5	31	18	30	18	999	-51.5	1322
50.0	30	23	30	23	999	-52.2	1236

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	6	1	6	-0	999	-46.0	117
7.5	11	0	11	-0	999	-46.1	197
10.0	16	0	17	-0	999	-46.2	356
12.5	22	0	22	0	999	-46.3	566
15.0	27	1	26	1	999	-46.7	831
17.5	29	0	24	0	999	-47.1	857
20.0	29	0	28	0	999	-47.7	937
22.5	29	2	29	1	999	-48.2	994
25.0	29	5	29	4	999	-49.1	994
27.5	30	5	30	4	999	-50.1	1050
30.0	31	8	31	8	999	-49.7	1101
32.5	31	12	31	11	999	-49.9	1094
35.0	33	13	34	14	999	-50.3	1278
37.5	36	16	37	17	999	-50.6	1530
40.0	34	18	34	18	999	-50.9	1443
42.5	33	19	33	18	999	-51.1	1385
45.0	31	19	32	19	999	-51.3	1344
47.5	31	19	30	19	999	-51.6	1306
50.0	30	21	30	21	999	-52.0	1259

STORM 18

LEVEL 5

STORM /	DATE /	PRES ALT FEET /	MB. /	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID /

STORM SPD/	TRUE DIR /	OCTANT HDG	AZMTH /NOTH/STM/	ANGLE/EYERAD/	IN PDR CENT PRES/	MAX WINDS ACTUAL/	RADIUS REL /MAX WD/

/BETSY / 650905 / 3240 / 907 / 0- 28 / 0 / 29 / 75 / 270 /

/ 3 / 180 / 245 / NE / 6 / 65 / 28 / 973 / 71 / 97 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	17	3	13	0	999	21.2
7.5	30	7	29	1	999	21.0
10.0	40	8	44	3	999	21.0
12.5	43	11	54	1	999	20.8
15.0	47	6	56	-7	999	20.6
17.5	40	2	56	-2	999	20.4
20.0	42	7	56	2	999	20.3
22.5	45	3	57	0	999	20.3
25.0	49	0	58	-4	999	20.3
27.5	54	7	60	-3	999	20.2
30.0	60	10	66	-3	999	20.0
32.5	63	4	80	-3	999	19.8
35.0	64	-8	94	-9	999	19.6
37.5	66	-2	97	-7	999	19.5
40.0	66	0	96	-6	999	19.6
42.5	71	-7	92	-11	999	19.6
45.0	64	1	87	-4	999	19.6
47.5	63	6	83	-2	999	19.6
50.0	60	1	84	-1	999	19.6

/BETSY / 650905 / 3240 / 907 / 2340- 0 / 1 / 29 / 75 / 271 /

/ 3 / 180 / 55 / SW / 3 / 230 / 28 / 973 / 93 / 97 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	-8	13	-2	999	21.5
7.5	21	-8	29	-1	999	21.1
10.0	43	-4	44	2	999	21.0
12.5	53	6	54	6	999	20.8
15.0	52	4	56	9	999	20.7
17.5	50	4	56	9	999	20.6
20.0	53	15	56	16	999	20.5
22.5	52	6	57	14	999	20.5
25.0	50	7	58	11	999	20.3
27.5	54	9	60	9	999	20.3
30.0	56	6	66	12	999	20.5
32.5	68	5	80	8	999	20.6
35.0	91	-8	94	-2	999	20.4
37.5	93	-18	97	-13	999	20.2
40.0	89	-14	96	-10	999	19.8
42.5	98	-21	92	-16	999	19.7
45.0	90	-15	87	-11	999	19.7
47.5	86	-13	83	-4	999	19.8
50.0	79	-24	84	-3	999	19.8

STORM 18

LEVEL 5

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-D	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BETSY	650905	3240	907	0-	29	0	29	75	180	3	245	NE	6	65	270	28	973	71	42.5	97
BETSY	650905	3240	907	2340-	0	I	29	75	180	3	55	SW	3	230	271	28	973	93	37.5	97

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	11	-2	13	-1	999	21.4	162
7.5	25	-0	29	0	999	21.0	670
10.0	41	2	44	2	999	21.0	1724
12.5	48	8	54	3	999	20.8	2329
15.0	49	5	56	1	999	20.6	2456
17.5	45	3	56	3	999	20.5	2050
20.0	47	11	56	9	999	20.4	2286
22.5	48	4	57	7	999	20.4	2364
25.0	49	3	58	3	999	20.3	2450
27.5	54	8	60	3	999	20.2	2916
30.0	56	8	66	4	999	20.2	3368
32.5	65	4	80	2	999	20.2	4296
35.0	77	-8	94	-5	999	20.0	6188
37.5	79	-10	97	-10	999	19.9	6502
40.0	77	-7	96	-8	999	19.7	6138
42.5	79	-14	92	-13	999	19.6	6392
45.0	72	-7	87	-7	999	19.6	5248
47.5	74	-3	93	-3	999	19.7	5692
50.0	69	-11	84	-2	999	19.7	4920

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	-1	18	-0	999	21.2	331
7.5	27	-0	30	0	999	21.1	849
10.0	39	3	43	2	999	21.0	1656
12.5	46	6	51	2	999	20.8	2192
15.0	47	4	54	2	999	20.7	2288
17.5	46	5	55	4	999	20.5	2168
20.0	47	7	56	7	999	20.4	2276
22.5	48	5	57	6	999	20.4	2364
25.0	50	5	58	4	999	20.3	2545
27.5	54	7	61	3	999	20.3	2936
30.0	58	6	68	3	999	20.2	3492
32.5	66	1	80	0	999	20.2	4568
35.0	75	-6	91	-5	999	20.0	5861
37.5	77	-8	95	-8	999	19.9	6251
40.0	78	-9	94	-9	999	19.7	6230
42.5	77	-11	91	-10	999	19.7	6065
45.0	73	-7	87	-7	999	19.7	5561
47.5	73	-6	84	-3	999	19.7	5461
50.0	70	-9	84	-2	999	19.7	5100

STORM 18

LEVEL 6

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
BETSY	650905	6400	811	1642-1703	0	29 / 75	272
3	180	35	NE	7	35	10	968

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH/STM	IN PER CENT ANGLE/EYERAD	MAX WINDS PRES/ACTUAL	RADIUS REL	MAX WD
75	272	80	40.0				

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	11	-5	16	-1	-890	19.2
7.5	19	3	29	7	-850	18.4
10.0	36	1	46	4	-810	17.8
12.5	55	-3	57	0	-740	17.2
15.0	57	-1	59	3	-700	17.6
17.5	55	0	58	4	-650	17.8
20.0	53	2	58	6	-600	17.2
22.5	54	8	61	12	-540	16.2
25.0	57	12	63	16	-490	15.8
27.5	60	10	67	14	-440	15.7
30.0	65	15	72	19	-410	15.4
32.5	69	16	76	20	-360	15.1
35.0	71	13	76	17	-300	14.8
37.5	72	9	77	13	-230	14.4
40.0	75	3	80	7	-210	13.7
42.5	70	-3	75	1	-190	13.3
45.0	70	1	73	5	-170	13.2
47.5	66	-2	77	2	-140	13.2
50.0	64	-5	69	0	-120	13.4

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID
BETSY	650905	6400	811	1620-1642	I	29 / 75	273
3	180	30	SW	6	210	10	968

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH/STM	IN PER CENT ANGLE/EYERAD	MAX WINDS PRES/ACTUAL	RADIUS REL	MAX WD
73	70	42.5					

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	22	5	9	2	-890	18.1
7.5	33	4	20	1	-850	16.7
10.0	38	4	32	0	-800	17.6
12.5	56	-3	43	-7	-760	17.2
15.0	59	0	52	-4	-710	16.9
17.5	60	6	57	2	-660	16.6
20.0	65	6	60	2	-600	16.6
22.5	61	5	60	1	-540	16.7
25.0	63	4	59	0	-490	16.9
27.5	65	5	61	1	-450	17.0
30.0	65	4	61	0	-400	16.8
32.5	62	2	61	-2	-360	16.4
35.0	61	6	60	2	-330	15.8
37.5	67	6	63	2	-300	15.5
40.0	68	3	65	-1	-280	15.2
42.5	73	6	70	2	-240	15.0
45.0	69	5	69	0	-230	14.9
47.5	67	6	67	2	-210	14.9
50.0	62	10	60	6	-200	15.0

STORM 18

LEVEL 6

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BETSY	650905	6400	811	1642-1703	O	29	75	180	3	35	NE	7	35	272	10	968	75	40.0	80
BETSY	650905	6400	811	1620-1642	I	29	75	180	3	30	SW	6	210	273	10	968	73	42.5	70

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	0	12	0	-885	18.6	302
7.5	26	3	24	4	-850	17.5	725
10.0	37	2	39	2	-805	17.7	1370
12.5	55	-3	50	-3	-750	17.2	3080
15.0	58	-0	55	-0	-705	17.2	3365
17.5	57	3	57	3	-655	17.2	3312
20.0	59	4	59	4	-600	16.9	3517
22.5	57	6	60	6	-540	16.5	3318
25.0	60	8	61	8	-490	16.3	3609
27.5	62	7	64	7	-445	16.3	3912
30.0	65	9	66	9	-405	16.1	4225
32.5	65	9	68	9	-360	15.7	4302
35.0	66	9	68	9	-315	15.3	4381
37.5	69	7	70	7	-265	14.9	4836
40.0	71	3	72	3	-245	14.4	5124
42.5	71	1	72	1	-215	14.1	5114
45.0	69	3	71	2	-200	14.0	4830
47.5	66	2	72	2	-175	14.0	4422
50.0	63	2	64	3	-160	14.2	3970

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	19	1	16	1	-873	18.3	443
7.5	27	2	26	2	-844	17.8	815
10.0	39	1	38	0	-801	17.6	1659
12.5	52	-1	48	-1	-751	17.3	2796
15.0	56	0	54	0	-704	17.3	3209
17.5	57	2	57	2	-653	17.1	3337
20.0	58	4	58	4	-598	16.8	3422
22.5	58	6	60	6	-542	16.5	3417
25.0	60	7	61	7	-491	16.4	3636
27.5	62	7	64	7	-446	16.3	3921
30.0	64	8	66	8	-404	16.1	4168
32.5	65	9	67	9	-359	15.7	4288
35.0	66	8	68	8	-313	15.3	4471
37.5	69	6	70	6	-272	14.9	4817
40.0	70	3	71	3	-244	14.5	5045
42.5	70	2	71	2	-218	14.2	5026
45.0	69	2	71	2	-198	14.1	4777
47.5	66	2	69	2	-177	14.1	4398
50.0	64	2	66	2	-165	14.2	4112

STORM 18

LEVEL 7

STORM	DATE	PRES ALT FEET	PRES MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	HDG	OCTANT /NOTH/STM/	AZMTH ANGLE	IN PDR CENT EYERAD	MAX WINDS PRES/ACTUAL	/REL	RADIUS /MAX WD/

/BETSY / 650905 / 11780 / 667 / 1657-1715 / 0 / 25 / 73 / 274 /

/ 3 / 180 / 45 / NE / 6 / 45 / 10 / 968 / 72 / 72 / 37.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	1	13	-2	-570	11.7
7.5	23	0	26	-1	-530	11.0
10.0	34	1	40	1	-480	10.5
12.5	55	2	55	3	-410	10.1
15.0	57	1	60	4	-350	9.9
17.5	58	0	61	7	-290	9.7
20.0	51	6	60	9	-240	9.9
22.5	53	9	59	10	-200	9.6
25.0	59	10	62	13	-150	9.2
27.5	59	11	62	16	-100	8.7
30.0	58	7	65	16	-50	8.4
32.5	56	10	59	13	-20	8.0
35.0	59	15	62	20	10	7.6
37.5	72	13	72	15	50	7.0
40.0	69	4	70	6	90	6.4
42.5	63	-3	65	1	130	6.4
45.0	49	3	60	5	150	6.3
47.5	56	4	57	13	170	6.1
50.0	50	13	52	17	200	6.1

/BETSY / 650905 / 11780 / 667 / 1635-1658 / 1 / 25 / 73 / 275 /

/ 3 / 180 / 40 / SW / 2 / 210 / 10 / 968 / 70 / 67 / 50.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	21	2	11	-2	-560	10.6
7.5	27	4	25	1	-520	10.5
10.0	43	-1	39	-6	-470	10.4
12.5	56	5	50	6	-430	9.9
15.0	57	10	54	4	-380	9.7
17.5	56	7	54	3	-330	9.6
20.0	61	-1	57	-6	-280	9.7
22.5	54	0	54	-5	-240	9.3
25.0	61	-3	57	-7	-200	8.7
27.5	63	-4	60	-8	-180	8.2
30.0	63	-2	60	-6	-150	8.1
32.5	62	12	61	8	-110	7.9
35.0	59	-2	58	-7	-60	7.9
37.5	62	1	58	-5	-20	7.9
40.0	63	6	60	2	30	7.9
42.5	66	-1	63	-5	50	7.8
45.0	66	6	64	2	60	7.8
47.5	68	10	62	6	70	7.6
50.0	70	5	67	1	100	7.3

STORM 18

LEVEL 7

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-D	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BETSY	650905	11780	667	1657-1715	D	25	73	180	3	45	NE	6	45	274	10	968	72	37.5	72
BETSY	650905	11780	667	1635-1658	I	25	73	180	3	40	SW	2	210	275	10	968	70	50.0	67

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	15	1	12	-2	-565	11.1	270
7.5	25	2	25	0	-525	10.7	629
10.0	38	0	39	-2	-475	10.4	1502
12.5	55	3	52	4	-420	10.0	3080
15.0	57	5	57	4	-365	9.8	3249
17.5	57	3	57	5	-310	9.6	3250
20.0	56	2	58	1	-260	9.8	3161
22.5	53	4	56	2	-220	9.4	2862
25.0	60	3	59	3	-175	8.9	3601
27.5	61	3	61	4	-140	8.4	3725
30.0	60	2	62	5	-100	8.3	3666
32.5	59	11	60	10	-65	7.9	3490
35.0	59	6	60	6	-25	7.8	3481
37.5	67	7	65	5	15	7.4	4514
40.0	66	5	65	4	60	7.2	4365
42.5	64	-2	64	-2	90	7.1	4162
45.0	57	4	62	3	105	7.1	3378
47.5	62	7	59	9	120	6.8	3880
50.0	60	9	59	9	150	6.7	3700

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	18	1	16	-1	-551	11.0	390
7.5	26	1	26	-0	-519	10.7	787
10.0	39	1	39	-0	-472	10.4	1718
12.5	51	3	50	3	-419	10.0	2782
15.0	55	4	55	4	-364	9.8	3132
17.5	56	3	57	3	-311	9.7	3198
20.0	55	3	57	2	-262	9.7	3095
22.5	55	3	57	2	-219	9.4	3105
25.0	59	3	59	3	-177	8.9	3508
27.5	60	3	60	4	-139	8.5	3656
30.0	60	4	61	6	-101	8.2	3619
32.5	59	8	60	8	-64	8.0	3520
35.0	61	7	61	6	-24	7.7	3749
37.5	65	6	64	5	16	7.4	4285
40.0	65	3	64	2	56	7.2	4294
42.5	62	1	63	0	85	7.1	3999
45.0	59	4	61	4	103	7.0	3659
47.5	60	6	60	8	123	6.9	3779
50.0	60	8	59	8	141	6.8	3726

STORM 18

LEVEL 8

STORM	DATE	PRES ALT FEET	PRES ALT MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH	AZMTH STM	ANGLE	EYERAD	IN PRES	CENT ACTUAL	MAX WINDS REL	RADIUS MAX WD

/BETSY / 650905 / 18280 / 520 / 2030-2048 / I / 29 / 75 / 276 /

/ 3 / 180 / 210 / NE / 6 / 45 / 10 / 970 / 54 / 53 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	12	-3	11	-2	999	999.0
7.5	26	-3	25	0	120	-.2
10.0	37	-9	36	-5	160	-.5
12.5	47	-8	46	-3	220	-.9
15.0	52	-9	51	-4	250	-1.0
17.5	53	-6	52	1	270	-1.0
20.0	52	-6	51	1	300	-.2
22.5	53	-10	52	-4	350	.6
25.0	54	-11	53	-5	390	1.0
27.5	54	-11	53	-5	430	1.0
30.0	53	-10	52	-4	470	1.0
32.5	53	-14	52	-8	500	1.0
35.0	52	-17	51	-11	520	1.0
37.5	52	-13	51	-17	550	1.0
40.0	53	-14	52	-8	580	1.0
42.5	52	-12	51	-6	640	1.0
45.0	54	-6	53	1	680	.8
47.5	999	-2	999	4	720	.3
50.0	999	-2	999	4	720	-.3

/BETSY / 650905 / 18280 / 520 / 2052-2110 / 0 / 29 / 75 / 278 /

/ 3 / 180 / 200 / S / 1 / 200 / 10 / 970 / 57 / 59 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	12	21	12	130	0.0
7.5	34	9	35	2	160	0.0
10.0	46	11	47	4	190	-.1
12.5	48	15	49	8	200	-.4
15.0	51	19	52	11	250	-.8
17.5	54	12	55	5	300	-1.2
20.0	56	14	57	7	350	-1.5
22.5	58	15	59	8	400	-1.6
25.0	57	18	58	11	440	-1.6
27.5	55	15	56	8	460	-1.8
30.0	52	18	53	11	480	-1.9
32.5	51	17	52	11	510	-2.0
35.0	54	18	55	12	540	-2.0
37.5	55	20	56	21	570	-2.1
40.0	54	19	55	17	600	-2.3
42.5	59	22	60	16	630	-2.3
45.0	56	27	57	20	670	-2.5
47.5	67	22	68	15	700	-2.5
50.0	64	24	65	18	720	-2.5

/BETSY / 650905 / 18280 / 520 / 2125-2140 / I / 29 / 75 / 277 /

/ 3 / 180 / 300 / SE / 8 / 115 / 10 / 970 / 57 / 59 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	-1	19	-3	140	-.2
7.5	29	0	28	-2	160	-.2
10.0	39	3	38	0	200	-.4
12.5	46	1	45	-3	250	-.6
15.0	50	-4	49	-7	290	-.7
17.5	52	1	51	-2	320	-.3
20.0	56	-3	55	-6	360	-.1
22.5	60	-3	59	-6	400	.2
25.0	56	3	55	-6	420	.3
27.5	54	1	53	-2	450	.3
30.0	53	2	52	1	490	.3
32.5	54	1	53	-3	530	.3
35.0	55	-2	54	-5	560	.3
37.5	57	0	56	-3	580	.3
40.0	60	6	59	3	610	.2
42.5	60	8	59	6	640	.1
45.0	59	17	58	15	660	-.2
47.5	59	16	58	13	670	-.6
50.0	59	11	58	8	690	-1.2

/BETSY / 650905 / 18280 / 520 / 2142-2200 / 0 / 29 / 75 / 279 /

/ 3 / 180 / 310 / NW / 4 / 310 / 10 / 970 / 52 / 54 / 45.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	14	0	15	6	110	0.0
7.5	23	-2	24	4	150	.1
10.0	30	-3	31	2	190	.2
12.5	34	1	35	5	260	.3
15.0	36	-5	37	0	310	.2
17.5	38	-6	39	-2	350	-.1
20.0	38	-4	39	0	400	-.2
22.5	37	-2	38	2	430	-.1
25.0	39	-5	40	1	450	-.3
27.5	39	-6	40	-2	490	-.4
30.0	39	-8	40	-4	520	-.5
32.5	40	-5	41	-1	530	-.7
35.0	41	-3	42	1	550	-1.0
37.5	41	-3	42	1	570	-1.3
40.0	41	-8	42	-5	590	-1.5
42.5	47	-5	48	1	640	-1.9
45.0	53	-7	54	-3	680	-2.2
47.5	49	-14	52	-11	700	-2.4
50.0	49	-17	50	-14	710	-2.3

STORM 18

LEVEL 8

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BETSY	650905	19290	520	2030-2048	I	29	75	180	3	210	NE	6	45	276	10	970	54	25.0	53
BETSY	650905	19290	520	2125-2140	I	29	75	180	3	300	SE	8	115	277	10	970	57	22.5	59
BETSY	650905	19290	520	2052-2110	O	29	75	180	3	200	S	1	200	278	10	970	57	22.5	59
BETSY	650905	19290	520	2142-2200	O	29	75	180	3	310	NW	4	310	279	10	970	52	45.0	54

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	16	2	16	3	125	-.1	283
7.5	27	1	28	1	147	-.1	799
10.0	37	0	37	0	185	-.2	1470
12.5	43	2	43	2	232	-.4	1914
15.0	46	0	46	0	275	-.5	2231
17.5	48	0	48	0	311	-.6	2426
20.0	49	0	50	0	354	-.5	2555
22.5	51	0	51	0	397	-.3	2719
25.0	50	0	51	0	427	-.2	2656
27.5	49	0	50	0	459	-.3	2548
30.0	48	0	48	1	491	-.4	2413
32.5	48	0	49	0	517	-.4	2431
35.0	50	-0	50	-0	542	-.5	2539
37.5	50	3	50	1	567	-.6	2616
40.0	51	0	51	0	594	-.8	2687
42.5	54	3	54	4	637	-.9	2966
45.0	55	7	55	8	672	-1.2	3066
47.5	57	4	58	4	698	-1.4	3341
50.0	56	3	56	3	710	-1.7	3235

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	20	1	20	2	135	-.1	455
7.5	28	1	28	1	154	-.1	881
10.0	36	1	37	1	189	-.2	1434
12.5	42	1	42	1	232	-.4	1873
15.0	46	0	46	0	273	-.5	2190
17.5	48	0	48	0	313	-.6	2399
20.0	49	0	50	0	354	-.5	2557
22.5	50	0	50	0	394	-.3	2663
25.0	50	0	50	0	426	-.3	2631
27.5	49	0	49	0	459	-.3	2535
30.0	49	0	49	0	489	-.4	2448
32.5	49	0	49	0	516	-.4	2462
35.0	50	0	50	0	542	-.5	2539
37.5	50	2	50	0	568	-.7	2615
40.0	51	1	52	1	598	-.8	2738
42.5	53	4	54	4	636	-.9	2934
45.0	55	6	55	6	670	-1.2	3093
47.5	56	4	57	4	694	-1.4	3266
50.0	56	4	57	3	705	-1.6	3245

STORM 18

LEVEL 9

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	TD
/BETSY	650905	39670	221	1707-1715	0	29 / 75	508
/BETSY	650905	39670	221	1825-1835	0	29 / 75	510
/BETSY	650905	39670	221	1815-1825	1	29 / 75	509
/BETSY	650905	39670	221	1655-1707	1	29 / 75	511

STORM SPD	TRUE DIR	TRUE HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN EYERAD	POR CENT PRES/ACTUAL	POR CENT REL	MAX WINDS /MAX WD/	RADIUS
3	180	65	NE	6	65	10	970	21	26 / 50.0
3	180	240	SW	2	240	10	970	47	42 / 42.5
3	180	255	E	7	95	10	970	2	8 / 32.5
3	180	72	W	3	275	10	970	14	8 / 35.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	3	10	5	15	1600	-50.4
12.5	1	11	4	16	1560	-50.8
15.0	6	14	9	18	1580	-50.6
17.5	9	13	12	16	1540	-50.7
20.0	7	14	11	17	1490	-50.8
22.5	5	9	10	12	1450	-50.7
25.0	1	6	5	8	1490	-50.9
27.5	0	5	14	8	1490	-51.0
30.0	8	0	13	2	1500	-51.1
32.5	9	1	14	4	1470	-51.4
35.0	11	-2	16	0	1490	-51.5
37.5	10	-6	15	-3	1470	-51.7
40.0	13	-7	18	-5	1500	-52.1
42.5	13	-6	18	-3	1500	-52.4
45.0	15	-2	20	1	1530	-52.7
47.5	20	0	25	2	1580	-53.1
50.0	21	-6	26	-4	1480	-53.1

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	5	18	4	12	1330	-48.9
12.5	9	16	7	11	1390	-49.2
15.0	12	18	9	13	1410	-50.0
17.5	9	18	5	14	1450	-50.1
20.0	15	6	11	3	1410	-50.7
22.5	25	5	20	2	1410	-50.9
25.0	17	3	11	0	1370	-50.9
27.5	17	-5	11	-8	1430	-51.0
30.0	34	-1	29	-4	1460	-51.5
32.5	37	-5	32	-8	1490	-52.0
35.0	40	2	35	-1	1430	-52.3
37.5	42	3	37	0	1460	-52.7
40.0	40	4	35	1	1490	-53.0
42.5	47	0	42	-3	1490	-53.7
45.0	45	-2	40	-6	1490	-54.0
47.5	41	-16	36	-19	1510	-54.3
50.0	33	-13	28	-17	1490	-54.1

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	-15	19	-10	15	1330	-49.1
12.5	-13	5	-8	2	1300	-49.5
15.0	-8	-17	-3	-19	1250	-49.8
17.5	-9	-12	-3	-13	1320	-50.0
20.0	-5	-12	1	-12	1390	-50.2
22.5	-3	-19	3	-19	1310	-50.2
25.0	1	-11	7	-11	1390	-50.4
27.5	1	-1	7	-1	1380	-50.7
30.0	-3	-4	3	-4	1390	-51.0
32.5	2	-2	8	-2	1470	-51.4
35.0	-3	-5	3	-5	1400	-51.7
37.5	-9	5	-3	5	1390	-51.9
40.0	-3	4	-3	5	1440	-51.7
42.5	-10	3	-4	3	1480	-52.2
45.0	-6	-2	0	-1	1410	-52.9
47.5	-7	-4	-1	-3	1370	-53.3
50.0	-3	7	3	8	1390	-53.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	999	999	999	999	999	999.0
10.0	5	12	0	16	1420	-50.4
12.5	4	14	-2	16	1570	-50.8
15.0	5	3	0	5	1560	-51.3
17.5	5	-3	0	-2	1540	-51.7
20.0	5	-1	0	0	1510	-51.9
22.5	13	-9	8	-9	1510	-52.1
25.0	6	-1	0	-1	1580	-52.3
27.5	10	-3	5	-3	1570	-52.4
30.0	10	-9	4	-9	1580	-52.5
32.5	9	-17	4	-17	1380	-52.7
35.0	14	-26	8	-26	1370	-53.6
37.5	13	-33	7	-34	1320	-54.5
40.0	9	-33	3	-34	1300	-54.4
42.5	10	-33	4	-34	1230	-54.2
45.0	3	-34	-3	-34	1240	-54.1
47.5	-1	-32	-7	-34	1150	-54.3
50.0	3	-30	-2	-30	1120	-54.4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BETSY	650905	38670	221	1707-1715	0	29	75	180	3	65	NE	6	65	508	10	970	21	50.0	26
BETSY	650905	38670	221	1815-1825	I	29	75	180	3	250	E	7	95	509	10	970	2	32.5	8
BETSY	650905	38670	221	1825-1835	0	29	75	180	3	240	SW	2	240	510	10	970	47	42.5	42
BETSY	650905	38670	221	1655-1707	I	29	75	180	3	72	W	3	275	511	10	970	14	35.0	8

STORM 18

LEVEL 9

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	999	999	999	999	999	999.0	999
7.5	999	999	999	999	999	999.0	999
10.0	-0	14	-0	14	1420	-49.7	69
12.5	0	11	0	11	1456	-50.1	65
15.0	3	4	3	4	1452	-50.4	66
17.5	3	4	3	3	1464	-50.6	62
20.0	5	1	5	2	1450	-50.9	80
22.5	10	-3	10	-3	1421	-51.0	208
25.0	6	-0	5	-0	1458	-51.1	81
27.5	9	-1	9	-1	1468	-51.3	118
30.0	12	-3	12	-3	1483	-51.5	332
32.5	14	-5	14	-5	1449	-51.9	384
35.0	15	-7	15	-8	1422	-52.3	482
37.5	14	-8	14	-8	1407	-52.7	529
40.0	13	-8	13	-8	1429	-52.8	492
42.5	15	-9	15	-9	1423	-53.1	644
45.0	14	-10	14	-10	1416	-53.4	573
47.5	13	-13	13	-13	1400	-53.8	532
50.0	13	-10	13	-11	1365	-53.8	386

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	999	999	999	999	999	999.0	999
7.5	999	999	999	999	999	999.0	999
10.0	-0	13	-0	13	1432	-49.8	68
12.5	1	10	1	10	1449	-50.1	66
15.0	3	5	3	5	1454	-50.4	65
17.5	3	3	3	3	1458	-50.6	67
20.0	6	1	6	1	1445	-50.9	109
22.5	8	-1	8	-1	1436	-51.0	151
25.0	7	-0	7	-1	1455	-51.1	108
27.5	9	-1	9	-1	1469	-51.3	169
30.0	12	-3	12	-3	1471	-51.6	304
32.5	14	-5	14	-5	1448	-51.9	389
35.0	14	-7	14	-7	1424	-52.3	470
37.5	14	-7	14	-8	1417	-52.6	502
40.0	14	-8	13	-8	1424	-52.9	528
42.5	14	-9	14	-9	1421	-53.1	597
45.0	14	-10	14	-10	1413	-53.4	569
47.5	13	-11	13	-12	1395	-53.7	505
50.0	13	-11	13	-11	1375	-53.7	426

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PDR CENT PRES/ACTUAL/REL / MAX WINDS MAX WD/ RADIUS

STORM 19

LEVEL 1

/INEZ / 660927 / 8090 / 763 / 1826-1843 / 0 / 16 / 61 / 593

/10 / 275 / 0 / N / 3 / 0 / 5 / 962 / 96 / 83 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	96	30	93	27	-780	15.0
7.5	83	29	70	25	-440	14.2
10.0	73	25	60	22	-130	13.9
12.5	73	24	60	21	0	13.1
15.0	68	25	47	23	80	12.7
17.5	65	22	51	20	130	12.6
20.0	56	23	43	21	150	12.8
22.5	51	24	37	22	170	12.4
25.0	50	27	37	25	200	12.6
27.5	49	20	35	18	220	13.0
30.0	50	0	36	-2	250	15.4
32.5	50	-2	37	-5	280	15.5
35.0	49	-6	36	-8	290	14.8
37.5	48	7	35	5	300	13.8
40.0	48	8	35	7	300	12.4
42.5	47	12	33	10	310	11.7
45.0	48	13	34	11	310	11.3
47.5	55	15	32	13	320	12.0
50.0	45	9	32	6	320	13.1

/INEZ / 660927 / 8090 / 763 / 1622-1641 / 0 / 16 / 61 / 595

/10 / 275 / 125 / SE / 6 / 125 / 5 / 962 / 71 / 82 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	70	-49	81	-40	-570	16.1
7.5	71	-46	82	-36	-300	14.7
10.0	65	-39	72	-28	-80	13.6
12.5	54	-36	62	-25	80	12.4
15.0	53	-27	61	-15	120	12.8
17.5	51	-30	58	-19	180	12.1
20.0	50	-33	57	-21	210	12.0
22.5	47	-37	54	-26	230	10.9
25.0	46	-32	53	-23	270	10.9
27.5	43	-35	50	-23	260	11.2
30.0	45	-23	52	-11	290	10.7
32.5	44	-30	51	-19	330	10.8
35.0	44	-29	51	-17	320	10.6
37.5	44	-21	50	-9	330	10.7
40.0	46	-23	53	-11	370	10.5
42.5	39	-18	45	-6	340	10.6
45.0	37	-23	44	-11	370	10.3
47.5	36	-29	43	-17	380	10.7
50.0	37	-27	43	-15	420	10.2

/INEZ / 660927 / 8090 / 763 / 2030-2045 / 1 / 16 / 61 / 59?

/10 / 275 / 120 / NW / 1 / 285 / 5 / 967 / 70 / 71 /

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	44	22	45	9	-520	17.1
7.5	70	16	71	3	-350	15.5
10.0	67	13	67	4	-210	15.3
12.5	68	6	67	-8	-80	15.4
15.0	53	12	51	-1	30	14.0
17.5	55	23	52	10	80	13.1
20.0	53	25	50	12	120	12.9
22.5	51	23	48	10	170	12.9
25.0	49	27	46	14	190	13.6
27.5	49	16	46	4	210	14.2
30.0	44	22	40	10	240	13.1
32.5	39	16	35	4	250	12.9
35.0	35	15	31	23	260	12.1
37.5	31	19	27	6	260	12.3
40.0	33	19	29	7	270	12.1
42.5	33	20	29	7	280	12.4
45.0	32	21	28	8	290	12.6
47.5	30	14	25	2	300	12.5
50.0	999	999	999	999	310	999.0

/INEZ / 660927 / 8090 / 763 / 1708-1725 / 1 / 16 / 61 / 594

/10 / 275 / 240 / NE / 4 / 50 / 5 / 962 / 108 / 96 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	108	-1	96	4	-470	13.8
7.5	101	-11	89	-6	-200	13.0
10.0	92	1	78	6	-100	12.6
12.5	91	15	79	20	-150	12.8
15.0	86	9	73	14	-110	12.7
17.5	75	11	63	17	-10	12.8
20.0	65	-1	54	6	150	12.5
22.5	69	-5	68	2	200	11.9
25.0	63	-3	52	0	220	11.5
27.5	61	-6	50	3	250	11.6
30.0	66	-4	55	5	270	11.2
32.5	62	1	52	10	290	10.8
35.0	60	2	50	11	300	10.4
37.5	57	-4	47	6	340	11.1
40.0	54	-1	44	8	350	10.9
42.5	51	-1	41	9	370	10.8
45.0	43	-4	39	6	380	11.0
47.5	52	-4	43	6	390	11.0
50.0	50	-6	40	4	410	10.7

/INEZ / 660927 / 8090 / 763 / 1557-1622 / 1 / 16 / 61 / 596

/10 / 275 / 120 / W / 1 / 285 / 5 / 962 / 73 / 78 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	28	18	36	7	-790	16.7
7.5	59	3	66	18	-660	20.1
10.0	73	39	78	27	-390	18.1
12.5	70	47	73	33	-120	14.6
15.0	67	24	68	11	0	15.7
17.5	61	19	61	6	100	13.4
20.0	63	24	62	10	160	12.2
22.5	56	22	55	8	240	12.3
25.0	53	28	52	15	280	12.7
27.5	53	36	51	22	290	12.5
30.0	48	33	47	20	300	12.5
32.5	47	34	45	20	300	12.2
35.0	46	37	43	24	310	12.3
37.5	44	39	41	25	320	13.9
40.0	43	41	40	28	330	13.9
42.5	40	39	37	26	350	14.0
45.0	36	30	33	17	380	14.0
47.5	32	23	29	9	390	13.1
50.0	32	29	28	16	390	12.8

/INEZ / 660927 / 8090 / 763 / 2051-2113 / 0 / 16 / 61 / 59

/10 / 275 / 310 / NW / 2 / 310 / 5 / 967 / 67 / 65 / 7.

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	63	10	64	-3	-360	19.9
7.5	67	7	65	-6	-160	15.3
10.0	67	10	64	-3	-20	14.2
12.5	58	13	54	1	70	13.7
15.0	53	15	49	3	130	12.8
17.5	49	9	44	-3	180	12.4
20.0	51	10	45	-1	200	12.6
22.5	48	8	42	-3	220	12.9
25.0	44	9	38	-2	250	13.0
27.5	46	6	40	-6	260	13.3
30.0	39	12	33	1	280	13.0
32.5	39	10	32	-1	290	13.1
35.0	36	10	29	-1	300	12.6
37.5	36	9	29	-2	300	13.0
40.0	32	11	25	0	310	12.7
42.5	39	11	32	0	320	12.9
45.0	40	12	33	1	330	13.5
47.5	40	13	33	2	340	13.8
50.0	43	11	36	-1	340	13.7

STORM 19

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660927	8090	763	1826-1843	0	16	61	275	10	0	N	3	0	593	5	962	96	5.0	83
INEZ	660927	8090	763	1708-1725	I	16	61	275	10	240	NE	4	50	594	5	962	108	5.0	96
INEZ	660927	8090	763	1622-1641	0	16	61	275	10	125	SE	6	125	595	5	962	71	7.5	82
INEZ	660927	8090	763	1557-1622	I	16	61	275	10	120	W	1	285	596	5	962	73	10.0	78
INEZ	660927	8090	763	2030-2045	I	16	61	275	10	120	NW	1	295	597	5	967	70	7.5	71
INEZ	660927	8090	763	2051-2113	0	16	61	275	10	310	NW	2	310	598	5	967	67	7.5	65

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	68	-6	70	-6	-610	16.1	5514
7.5	74	-10	75	-5	-391	15.8	5779
10.0	72	1	71	1	-178	14.6	5407
12.5	67	6	66	5	-24	13.3	4750
15.0	64	3	61	3	43	13.5	4254
17.5	59	1	57	1	117	12.7	3612
20.0	56	-0	54	-0	175	12.3	3254
22.5	53	-2	51	-3	215	11.9	2947
25.0	51	0	48	-0	249	11.9	2648
27.5	49	-0	47	0	258	12.1	2520
30.0	49	1	46	2	280	12.2	2512
32.5	48	-0	45	-0	302	12.1	2358
35.0	46	0	44	1	306	11.8	2249
37.5	45	4	42	4	320	12.2	2123
40.0	45	4	42	5	338	11.9	2083
42.5	42	6	39	7	355	11.9	1907
45.0	40	2	37	3	359	11.8	1669
47.5	40	-0	36	-0	369	11.8	1730
50.0	39	-0	36	0	386	11.7	1617

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	70	-7	72	-6	-537	16.0	5600
7.5	73	-7	73	-4	-374	15.5	5637
10.0	71	0	71	1	-189	14.5	5300
12.5	67	4	66	4	-48	13.7	4764
15.0	63	3	61	3	39	13.3	4221
17.5	59	1	57	1	112	12.7	3675
20.0	56	-0	54	-0	169	12.3	3282
22.5	53	-1	51	-1	212	12.0	2956
25.0	51	-0	49	-0	242	12.0	2693
27.5	50	0	47	0	259	12.1	2561
30.0	49	0	46	1	280	12.1	2486
32.5	48	0	45	0	298	12.0	2363
35.0	46	1	44	2	307	11.9	2246
37.5	45	3	42	4	321	12.1	2144
40.0	44	4	41	5	338	11.9	2029
42.5	42	5	39	5	352	11.9	1878
45.0	40	2	37	3	360	11.8	1724
47.5	40	-0	36	0	371	11.8	1696
50.0	40	-0	36	0	381	11.8	1648

STORM 19

LEVEL 2

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/EYERAD/ IN PDR PRES/ CENT ACTUAL/REL / MAX WINDS MAX WD/ RADIUS

/INEZ / 660927 / 11780 / 667 / 1822-1837 / 0 / 16 / 61 / 599

/10 / 275 / 0 / N / 3 / 0 / 5 / 962 / 96 / 84 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	40	10	38	999	-460	9.5
7.5	85	13	73	999	-280	9.2
10.0	96	16	84	999	-50	6.8
12.5	84	21	72	17	90	6.6
15.0	81	27	69	24	200	6.7
17.5	78	14	66	12	280	6.8
20.0	63	7	51	5	340	6.9
22.5	60	6	47	4	410	6.1
25.0	63	8	50	6	460	5.9
27.5	48	6	35	4	480	6.3
30.0	50	3	38	1	510	5.8
32.5	58	1	46	-1	540	6.2
35.0	61	-3	49	-4	560	5.3
37.5	51	-6	38	-8	580	5.1
40.0	48	-7	35	-9	590	5.5
42.5	50	-8	38	-9	600	4.8
45.0	48	-1	35	-2	600	4.6
47.5	54	4	41	3	610	4.9
50.0	59	12	46	11	610	5.3

/INEZ / 660927 / 11780 / 667 / 1639-1655 / 0 / 16 / 61 / 601

/10 / 275 / 130 / SE / 6 / 130 / 5 / 962 / 93 / 96 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	43	-13	46	1	-400	12.7
7.5	93	-7	96	7	-160	9.6
10.0	76	-4	78	10	30	9.0
12.5	61	-15	65	-1	170	6.3
15.0	62	-8	66	5	290	6.6
17.5	52	-12	57	2	310	6.3
20.0	47	-13	52	0	360	6.1
22.5	43	-7	49	6	390	5.8
25.0	52	-18	58	-5	410	5.8
27.5	52	-23	58	-11	470	5.7
30.0	47	-23	53	-11	490	5.3
32.5	46	-22	53	-10	500	4.9
35.0	46	-20	52	-8	500	4.7
37.5	48	-25	55	-13	530	5.7
40.0	44	-26	51	-14	550	6.5
42.5	49	-15	55	-3	560	5.9
45.0	45	-17	51	-5	570	5.2
47.5	40	-19	48	-7	590	4.5
50.0	37	-21	44	-10	590	4.2

/INEZ / 660927 / 11780 / 667 / 1809-1822 / I / 16 / 61 / 6

/10 / 275 / 5 / S / 7 / 185 / 5 / 962 / 75 / 87 / 7

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	33	5	45	3	-420	9.9
7.5	75	-11	87	-13	-180	9.3
10.0	69	-1	82	-3	-20	10.1
12.5	67	10	79	7	130	8.6
15.0	58	3	71	71	260	6.6
17.5	49	-15	62	-16	310	6.3
20.0	44	-13	57	-14	340	5.9
22.5	45	-12	57	-13	380	5.6
25.0	46	-15	57	-16	410	5.1
27.5	42	-12	54	-13	450	4.7
30.0	39	-10	51	-11	470	4.6
32.5	32	-11	45	-12	490	4.7
35.0	30	-12	43	-12	510	5.2
37.5	27	-10	39	-10	520	5.3
40.0	25	-12	38	-12	530	5.5
42.5	22	-10	35	-9	540	6.0
45.0	23	-4	36	-3	550	6.4
47.5	25	-3	37	-2	570	6.6
50.0	21	-7	33	-6	580	6.2

/INEZ / 660927 / 11780 / 667 / 1715-1730 / I / 16 / 61 / 600

/10 / 275 / 235 / NE / 4 / 45 / 5 / 962 / 82 / 74 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	50	999	42	999	-400	9.2
7.5	82	999	74	999	-180	7.6
10.0	90	-17	72	-7	40	6.8
12.5	90	-7	72	3	110	6.8
15.0	83	-1	75	10	180	6.7
17.5	76	4	67	14	270	7.0
20.0	67	14	59	25	360	7.2
22.5	53	-2	51	9	410	6.5
25.0	56	-5	48	5	480	5.6
27.5	56	-7	48	3	500	5.0
30.0	54	-7	46	4	520	4.9
32.5	48	-7	40	3	510	4.6
35.0	47	-6	39	5	570	5.1
37.5	51	-4	42	6	550	4.8
40.0	52	-3	44	8	600	4.6
42.5	50	-6	42	5	610	4.6
45.0	45	-6	36	5	610	4.1
47.5	44	-1	36	10	620	4.1
50.0	44	-10	36	0	620	4.5

/INEZ / 660927 / 11780 / 667 / 1730-1750 / 0 / 16 / 61 / 602

/10 / 275 / 130 / SE / 6 / 130 / 5 / 962 / 93 / 106 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	20	10	32	17	-410	10.2
7.5	80	23	93	22	-170	8.2
10.0	93	19	106	15	80	7.0
12.5	80	16	92	11	200	7.4
15.0	70	18	81	12	220	7.7
17.5	64	24	75	17	300	7.4
20.0	56	11	67	3	340	6.4
22.5	53	6	63	-2	390	6.3
25.0	46	1	57	-7	430	6.5
27.5	43	-2	53	-10	430	6.9
30.0	39	-6	49	-14	450	6.4
32.5	39	-7	48	-16	470	5.9
35.0	37	-6	47	-15	490	5.3
37.5	39	-5	41	-14	520	5.0
40.0	31	-4	40	-13	520	4.7
42.5	30	-5	39	-14	530	4.9
45.0	30	2	39	-8	530	5.5
47.5	29	3	39	-6	540	5.8
50.0	29	0	38	-9	550	5.7

/INEZ / 660927 / 11780 / 667 / 1620-1635 / I / 16 / 61 / 60

/10 / 275 / 130 / NW / 2 / 320 / 5 / 962 / 104 / 91 / 7.

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	60	12	50	9	-440	9.9
7.5	104	20	91	15	-290	9.0
10.0	93	28	80	22	-60	7.3
12.5	81	19	68	12	80	6.9
15.0	74	17	62	9	170	6.4
17.5	71	14	59	5	290	6.7
20.0	72	1	61	-8	390	6.7
22.5	64	-1	53	-11	430	6.8
25.0	57	4	47	-6	470	7.2
27.5	57	19	46	9	500	7.1
30.0	51	16	41	6	510	6.9
32.5	49	11	40	0	520	7.0
35.0	47	8	37	-3	550	6.5
37.5	45	9	36	-2	560	6.5
40.0	42	7	33	-5	570	6.5
42.5	40	9	32	-3	580	6.4
45.0	41	9	33	-3	580	6.4
47.5	43	12	35	0	600	6.3
50.0	42	10	34	-2	640	6.5

STORM 19

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660927	11780	667	1822-1837	O	16	61	275	10	0	N	3	0	599	5	962	96	10.0	84
INEZ	660927	11780	667	1715-1730	I	16	61	275	10	235	NE	4	45	600	5	962	82	7.5	74
INEZ	660927	11780	667	1630-1655	O	16	61	275	10	130	SE	6	130	601	5	962	93	7.5	96
INEZ	660927	11780	667	1730-1750	O	16	61	275	10	130	SE	6	130	602	5	962	93	10.0	106
INEZ	660927	11780	667	1809-1822	I	16	61	275	10	5	S	7	185	603	5	962	75	7.5	87
INEZ	660927	11780	667	1620-1635	I	16	61	275	10	130	NW	2	320	604	5	962	104	7.5	91

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	43	5	43	6	-422	10.1	2051
7.5	86	5	85	6	-215	8.9	7690
10.0	82	6	81	6	-8	8.1	6944
12.5	75	7	73	8	119	7.3	5696
15.0	70	8	69	27	217	6.7	5065
17.5	64	2	63	2	293	6.7	4252
20.0	58	-0	57	-0	358	6.5	3550
22.5	54	-3	53	-3	403	6.2	3016
25.0	53	-4	52	-5	444	6.0	2863
27.5	50	-1	49	-2	475	5.8	2553
30.0	46	-2	46	-2	494	5.6	2232
32.5	44	-4	44	-5	506	5.5	2032
35.0	43	-5	42	-5	533	5.5	1966
37.5	41	-5	40	-5	543	5.5	1849
40.0	39	-6	39	-6	561	5.6	1655
42.5	38	-4	38	-4	571	5.6	1615
45.0	37	-1	37	-2	574	5.6	1493
47.5	38	0	38	0	589	5.6	1561
50.0	37	-2	36	-2	604	5.6	1531

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	58	5	57	6	-353	9.7	3931
7.5	78	6	77	7	-198	8.9	6564
10.0	79	5	78	6	-24	8.1	6537
12.5	75	7	73	12	108	7.3	5748
15.0	70	6	68	17	208	6.8	5032
17.5	64	2	63	5	288	6.7	4271
20.0	58	-0	58	0	351	6.5	3597
22.5	55	-3	54	-2	400	6.2	3123
25.0	52	-3	51	-3	441	6.0	2851
27.5	50	-2	49	-2	471	5.8	2547
30.0	47	-3	46	-3	491	5.6	2261
32.5	44	-4	44	-4	509	5.5	2073
35.0	43	-5	42	-5	530	5.5	1964
37.5	41	-5	40	-5	544	5.5	1829
40.0	39	-5	39	-5	559	5.6	1689
42.5	38	-4	38	-4	569	5.6	1603
45.0	37	-1	37	-2	577	5.6	1537
47.5	37	-0	37	-0	590	5.6	1548
50.0	37	-1	37	-2	599	5.6	1536

STORM 19

LEVEL 3

STORM	DATE	PRES ALT FEET	PRES MB.	TIME INTERVAL	IN /OUT	LAT/LONG	TD

STORM SPD	TRUE DIR	OCTANT HDG	AZMTH NOTH	AZMTH STM	ANGLE	EYERAD	IN PRES	PER CENT MAX WINDS ACTUAL	PER CENT MAX WINDS REL	RADIUS MAX WD

/INEZ / 660927 / 1828Ø / 520 / 2210-2225 / Ø / 16 / 61 / 605 /

/10 / 275 / Ø / N / 3 / Ø / 5 / 971 / 74 / 63 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	59	5	50	-2	370	.2
7.5	69	2	59	-4	490	-.3
10.0	70	16	60	12	610	-.2
12.5	74	-1	63	-4	730	-1.2
15.0	73	1	62	-2	820	-2.5
17.5	61	-11	50	-13	870	-2.6
20.0	67	-9	56	-11	930	-2.7
22.5	51	-11	40	-13	940	-2.7
25.0	49	-12	38	-13	960	-2.7
27.5	52	-4	41	-4	1010	-2.7
30.0	40	-7	29	-7	1020	-3.1
32.5	42	-6	31	-6	1060	-3.4
35.0	45	-7	34	-7	1060	-3.5
37.5	46	-13	35	-13	1070	-3.5
40.0	42	-13	31	-13	1080	-3.6
42.5	46	-16	36	-17	1090	-3.9
45.0	43	-15	32	-14	1090	-4.0
47.5	44	-14	33	-13	1120	-3.9
50.0	43	-15	32	-14	1130	-4.0

/INEZ / 660927 / 18280 / 520 / 2042-2055 / Ø / 16 / 61 / 607 /

/10 / 275 / 120 / SE / 6 / 120 / 5 / 971 / 54 / 62 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	32	-8	42	-2	360	-1.0
7.5	54	-6	62	2	490	-1.6
10.0	51	-18	58	-9	600	-2.5
12.5	53	-19	59	-9	730	-3.1
15.0	52	-15	57	-5	810	-2.4
17.5	50	-10	56	0	850	-1.4
20.0	49	-5	54	4	890	-.8
22.5	49	-14	55	-4	920	-.7
25.0	45	-14	50	-4	950	-.6
27.5	41	-15	46	-5	980	-.5
30.0	38	-11	44	-1	1000	-.5
32.5	41	-9	46	0	1020	-.5
35.0	37	-13	42	-4	1030	-.6
37.5	36	-7	41	3	1040	-.7
40.0	22	-12	27	-2	1050	-.9
42.5	19	-6	24	4	1060	-.8
45.0	32	-3	37	7	1070	-1.0
47.5	35	-6	40	4	1080	-.9
50.0	48	-2	53	9	1090	-1.1

/INEZ / 660927 / 18280 / 520 / 2123-2136 / Ø / 16 / 61 / 609 /

/10 / 275 / 240 / SW / 8 / 240 / 5 / 967 / 56 / 66 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	30	14	39	9	370	-1.1
7.5	56	20	66	14	460	-2.0
10.0	48	10	57	3	570	-2.2
12.5	46	12	54	5	690	-2.3
15.0	41	19	49	11	760	-2.5
17.5	56	10	64	2	800	-2.9
20.0	54	18	62	10	880	-3.3
22.5	53	15	61	7	920	-3.2
25.0	42	15	49	7	950	-3.2
27.5	44	10	50	2	970	-3.4
30.0	36	8	43	-1	1000	-3.1
32.5	32	11	39	2	1010	-2.9
35.0	32	18	39	9	1020	-3.8
37.5	35	21	41	12	1030	-3.9
40.0	36	23	43	15	1030	-4.2
42.5	34	23	39	14	1040	-4.3
45.0	34	20	41	11	1060	-4.5
47.5	36	15	43	6	1080	-4.3
50.0	37	19	44	10	1100	-4.2

/INEZ / 660927 / 18230 / 520 / 2110-2132 / I / 16 / 61 / 606 /

/10 / 275 / 230 / NE / 6 / 40 / 5 / 971 / 72 / 64 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	62	-9	54	-1	370	1.5
7.5	72	-9	64	-2	500	1.4
10.0	50	-5	42	2	610	1.4
12.5	63	7	54	14	740	1.3
15.0	53	3	44	11	790	.9
17.5	53	12	45	20	860	.3
20.0	62	-8	54	0	920	.1
22.5	61	-1	53	6	950	0.0
25.0	54	4	46	11	990	0.0
27.5	46	-1	38	6	1010	-.3
30.0	42	-3	34	4	1020	-.4
32.5	48	-2	40	6	1050	-.7
35.0	43	2	35	9	1060	-2.1
37.5	40	8	32	16	1080	-2.0
40.0	34	-3	26	4	1090	-2.0
42.5	40	-3	32	5	1100	-2.0
45.0	39	-8	31	0	1110	-2.2
47.5	39	-7	30	0	1120	-2.4
50.0	36	-8	28	0	1150	-2.5

/INEZ / 660927 / 18280 / 520 / 2158-2210 / I / 16 / 61 / 608 /

/10 / 275 / Ø / S / 7 / 180 / 5 / 971 / 53 / 63 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	38	0	48	4	350	-1.4
7.5	53	11	63	14	480	-1.8
10.0	40	-3	51	0	580	-1.8
12.5	48	2	59	5	650	-2.3
15.0	50	13	61	16	770	-2.2
17.5	50	15	60	18	810	-2.8
20.0	41	19	51	21	870	-2.9
22.5	44	9	54	11	920	-3.2
25.0	36	10	47	12	950	-3.6
27.5	30	7	41	9	990	-3.7
30.0	29	8	40	11	990	-3.7
32.5	30	12	41	14	1000	-3.7
35.0	21	3	32	6	1020	-3.8
37.5	24	-5	34	-3	1030	-4.3
40.0	24	-3	35	-1	1050	-3.9
42.5	24	1	35	3	1060	-3.7
45.0	22	9	33	11	1070	-4.0
47.5	21	6	32	7	1080	-3.9
50.0	17	5	30	6	1090	-4.3

/INEZ / 660927 / 18280 / 520 / 2030-2042 / I / 16 / 61 / 610 /

/10 / 275 / 110 / W / 1 / 290 / 5 / 967 / 71 / 68 / 15.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	53	5	50	-6	400	-.4
7.5	60	9	56	-2	520	-1.1
10.0	68	9	65	-2	620	-1.5
12.5	68	-6	65	-16	750	-2.4
15.0	71	-9	68	-20	810	-3.0
17.5	61	-8	58	-19	830	-3.2
20.0	54	-3	51	-14	910	-3.1
22.5	56	-7	53	-19	930	-2.7
25.0	61	-3	59	-14	960	-2.9
27.5	53	0	50	-11	990	-3.5
30.0	51	-1	48	-12	1000	-4.0
32.5	49	1	45	-10	1010	-3.6
35.0	50	0	46	-11	1020	-3.9
37.5	47	2	44	-9	1030	-3.6
40.0	49	6	45	-4	1040	-4.5
42.5	49	4	45	-6	1050	-4.3
45.0	47	10	43	-1	1070	-4.2
47.5	48	8	43	-2	1080	-4.7
50.0	45	10	40	0	1080	-4.8

STORM 19

LEVEL 3

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660927	18280	520	2210-2225	O	16	61	275	10	0	N	3	0	605	5	971	74	12.5	63
INEZ	660927	18280	520	2110-2132	I	16	61	275	10	230	NE	6	40	606	5	971	72	7.5	64
INEZ	660927	18280	520	2042-2055	O	16	61	275	10	120	SE	6	120	607	5	971	54	7.5	62
INEZ	660927	18280	520	2158-2210	I	16	61	275	10	0	S	7	180	608	5	971	53	7.5	63
INEZ	660927	18280	520	2123-2136	O	16	61	275	10	240	SW	8	240	609	5	967	56	7.5	66
INEZ	660927	18280	520	2030-2042	I	16	61	275	10	110	W	1	290	610	5	967	71	15.0	68

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	45	0	47	0	369	-.4	2200
7.5	60	4	61	3	490	-.9	3705
10.0	54	0	55	0	598	-1.2	3060
12.5	58	-1	59	-1	715	-1.7	3522
15.0	56	1	56	1	793	-1.9	3321
17.5	54	1	55	1	837	-2.1	3038
20.0	54	1	54	1	899	-2.1	3005
22.5	52	-1	52	-1	929	-2.0	2758
25.0	47	-0	48	-0	959	-2.1	2352
27.5	44	-0	44	-0	991	-2.3	2006
30.0	39	-1	39	-0	1003	-2.4	1590
32.5	40	0	40	1	1024	-2.4	1670
35.0	37	-0	38	0	1034	-2.9	1530
37.5	37	0	37	1	1046	-2.9	1493
40.0	34	-0	34	-0	1056	-3.1	1250
42.5	34	0	34	0	1066	-3.1	1332
45.0	35	2	36	2	1078	-3.2	1360
47.5	37	0	36	0	1092	-3.3	1442
50.0	37	1	38	2	1105	-3.4	1541

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	50	1	51	1	409	-.6	2701
7.5	56	2	57	2	497	-.9	3293
10.0	55	0	56	0	602	-1.2	3234
12.5	57	-0	57	-0	706	-1.6	3400
15.0	56	0	56	1	782	-1.9	3270
17.5	55	1	55	1	839	-2.0	3098
20.0	53	0	54	0	892	-2.0	2964
22.5	51	-0	52	-0	927	-2.0	2708
25.0	47	-0	48	-0	959	-2.1	2354
27.5	43	-1	44	-0	986	-2.3	1989
30.0	40	-0	41	-0	1004	-2.4	1710
32.5	39	0	40	0	1022	-2.5	1645
35.0	38	0	38	0	1034	-2.8	1549
37.5	37	0	37	0	1045	-2.9	1446
40.0	34	-0	35	0	1056	-3.1	1320
42.5	35	0	35	1	1066	-3.1	1336
45.0	36	1	36	1	1079	-3.2	1375
47.5	36	0	37	1	1092	-3.3	1450
50.0	37	1	37	1	1101	-3.4	1511

STORM 19
LEVEL 4

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	HDG	OCTANT /NOTH/STM	AZMTH ANGLE	IN PER CENT EYERAD	MAX WINDS PRES/ACTUAL	REL	RADIUS /MAX WD/

/INEZ / 660927 / 38670 / 221 / 1753-1759 / I / 16 / 61 / 611 /

/10 / 275 / 245 / E / 5 / 70 / 5 / 962 / 34 / 21 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	34	-1	21	5	999	-47.6
7.5	25	-5	14	3	999	-47.9
10.0	28	-13	18	-4	999	-48.1
12.5	20	-12	11	-2	999	-48.4
15.0	29	-17	20	-6	999	-48.8
17.5	19	-6	10	4	999	-49.2
20.0	10	-1	2	9	999	-49.4
22.5	17	3	8	13	999	-49.3
25.0	15	6	6	17	999	-49.5
27.5	16	5	8	16	999	-50.0
30.0	16	3	8	13	999	-50.1
32.5	18	6	10	17	999	-49.7
35.0	999	999	999	999	999	-49.8
37.5	999	999	999	999	999	-49.8
40.0	999	999	999	999	999	999.0
42.5	999	999	999	999	999	999.0
45.0	999	999	999	999	999	999.0
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/INEZ / 660927 / 38670 / 221 / 1759-1805 / O / 16 / 61 / 613 /

/10 / 275 / 240 / SW / 8 / 240 / 5 / 962 / 46 / 52 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	-44.0
7.5	999	999	999	999	999	-43.7
10.0	999	999	999	999	999	-43.0
12.5	-6	6	-2	-7	999	-42.9
15.0	16	9	21	-4	999	-43.3
17.5	25	13	30	0	999	-43.6
20.0	29	19	35	7	999	-43.8
22.5	33	17	39	5	999	-44.3
25.0	46	30	52	19	999	-46.3
27.5	31	23	38	11	999	-46.7
30.0	33	16	39	4	999	-46.9
32.5	26	9	33	-2	999	-47.5
35.0	18	14	25	3	999	-48.3
37.5	24	7	31	-4	999	-48.7
40.0	19	6	26	-6	999	-48.9
42.5	21	12	28	1	999	-49.5
45.0	14	9	21	-2	999	-49.3
47.5	15	5	22	-6	999	-49.8
50.0	18	10	25	-1	999	-49.5

/INEZ / 660927 / 38670 / 221 / 1647-1655 / O / 16 / 61 / 612 /

/10 / 275 / 130 / SE / 6 / 130 / 5 / 962 / 27 / 40 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	15	-7	28	-12	999	-43.8
10.0	27	-7	40	-3	999	-45.3
12.5	22	-9	34	-2	999	-47.3
15.0	13	-13	24	-5	999	-47.7
17.5	9	-8	19	0	999	-47.8
20.0	9	-1	20	8	999	-48.3
22.5	9	-9	18	1	999	-48.1
25.0	12	-9	21	2	999	-48.7
27.5	16	-5	24	6	999	-49.2
30.0	8	0	17	11	999	-49.1
32.5	5	2	14	13	999	-49.2
35.0	4	2	12	13	999	-49.4
37.5	7	4	15	15	999	-49.5
40.0	4	6	12	17	999	-49.0
42.5	0	2	8	13	999	-48.9
45.0	-7	1	0	13	999	-49.0
47.5	0	0	8	11	999	-48.6
50.0	-3	2	4	13	999	-49.0

/INEZ / 660927 / 38670 / 221 / 1640-1647 / I / 16 / 61 / 614 /

/10 / 275 / 120 / NW / 2 / 300 / 5 / 962 / 41 / 38 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	999	999	999	999	999	999.0
7.5	3	-9	14	-16	999	-44.0
10.0	25	15	30	2	999	-44.1
12.5	20	22	22	9	999	-44.7
15.0	27	50	28	36	999	-46.6
17.5	30	38	29	24	999	-47.7
20.0	30	14	29	0	999	-47.9
22.5	34	7	32	-7	999	-49.3
25.0	41	-3	38	-16	999	-49.6
27.5	30	-12	26	-26	999	-49.9
30.0	29	-7	26	-21	999	-50.3
32.5	25	-5	21	-19	999	-49.9
35.0	15	-5	11	-19	999	-50.2
37.5	13	-1	8	-14	999	-50.0
40.0	10	3	6	-9	999	-50.1
42.5	16	6	12	-7	999	-49.7
45.0	7	5	3	-9	999	-50.1
47.5	11	7	7	-6	999	-50.2
50.0	10	11	5	-2	999	-50.1

STORM 19

LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660927	38670	221	1753-1759	I	16	61	275	10	245	E	5	70	611	5	962	34	5.0	21
INEZ	660927	38670	221	1647-1655	O	16	61	275	10	130	SE	6	130	612	5	962	27	10.0	40
INEZ	660927	38670	221	1759-1805	O	16	61	275	10	240	SW	8	240	613	5	962	46	25.0	52
INEZ	660927	38670	221	1640-1647	I	16	61	275	10	120	NW	2	300	614	5	962	41	25.0	38

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	34	-1	21	5	999	-45.8	1156
7.5	12	-7	18	-9	999	-44.9	240
10.0	26	0	30	-1	999	-45.2	700
12.5	14	1	16	-0	999	-45.9	333
15.0	21	7	23	5	999	-46.7	514
17.5	20	9	21	7	999	-47.2	499
20.0	19	7	21	5	999	-47.4	481
22.5	23	4	24	2	999	-47.8	657
25.0	28	5	28	5	999	-48.6	1036
27.5	23	2	23	1	999	-49.0	592
30.0	21	2	22	1	999	-49.2	561
32.5	18	2	19	2	999	-49.1	415
35.0	11	2	14	-0	999	-49.5	161
37.5	13	2	16	0	999	-49.5	215
40.0	9	4	13	2	999	-49.4	126
42.5	10	5	14	3	999	-49.3	193
45.0	2	4	5	2	999	-49.5	83
47.5	7	3	10	1	999	-49.4	95
50.0	6	7	9	4	999	-49.5	114

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	31	-2	18	4	999	-45.8	979
7.5	17	-4	22	-6	999	-45.0	413
10.0	22	-0	26	-1	999	-45.3	560
12.5	17	2	19	0	999	-45.9	412
15.0	20	7	21	4	999	-46.6	485
17.5	20	8	21	6	999	-47.1	491
20.0	20	7	22	5	999	-47.4	528
22.5	23	5	24	4	999	-47.9	719
25.0	26	4	26	3	999	-48.5	846
27.5	23	3	23	2	999	-48.9	648
30.0	21	2	21	1	999	-49.1	546
32.5	18	3	18	2	999	-49.2	399
35.0	12	2	16	-0	999	-49.4	227
37.5	12	3	15	0	999	-49.5	196
40.0	10	4	14	2	999	-49.4	160
42.5	8	5	12	2	999	-49.4	157
45.0	5	4	8	2	999	-49.4	105
47.5	6	4	9	2	999	-49.5	102
50.0	6	6	9	3	999	-49.5	110

STORM 20

LEVEL 1

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	HDG	OCTANT /NOTH/STM/	AZMTH ANGLE	IN PDR CENT EYERAD	MAX WINDS PRES/ACTUAL	RADIUS /REL	/MAX WD/

/INEZ / 660928 / 1770 / 955 / 1724-1748 / 0 / 17 / 66 / 206 /

/12 / 275 / 0 / N / 6 / 0 / 4 / 934 / 142 / 128 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	142	-12	128	-16	-2110	26.1
7.5	121	-7	108	-11	-1720	23.6
10.0	111	1	98	-3	-1400	23.2
12.5	103	-10	95	-13	-1140	22.8
15.0	102	-11	88	-14	-920	22.6
17.5	93	-7	80	-8	-700	22.5
20.0	85	-16	70	-17	-540	22.2
22.5	73	-24	59	-25	-490	22.2
25.0	80	-16	66	-17	-450	21.2
27.5	76	-10	62	-11	-410	21.5
30.0	72	-13	57	-14	-380	21.1
32.5	66	-12	52	-12	-350	21.4
35.0	66	-8	51	-9	-320	21.3
37.5	65	-8	51	-9	-290	21.3
40.0	65	-8	51	-9	-280	21.1
42.5	63	-9	49	-9	-270	20.9
45.0	57	-7	43	-7	-260	21.3
47.5	57	-7	43	-8	-260	21.4
50.0	58	-6	43	-7	-250	21.0

/INEZ / 660928 / 1770 / 955 / 1827-1846 / 0 / 17 / 66 / 208 /

/12 / 275 / 130 / SE / 5 / 130 / 4 / 934 / 123 / 132 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	123	-15	132	-4	-2060	26.4
7.5	115	-19	123	-8	-1520	24.5
10.0	103	-20	110	-8	-1150	23.6
12.5	103	-29	110	-17	-920	22.8
15.0	90	-22	97	-9	-770	22.3
17.5	83	-28	89	-15	-640	22.2
20.0	73	-32	80	-20	-590	22.0
22.5	61	-24	67	-12	-530	22.1
25.0	62	-23	68	-10	-480	22.0
27.5	60	-21	66	-9	-450	21.8
30.0	54	-22	61	-10	-410	21.6
32.5	53	-24	59	-12	-370	21.6
35.0	49	-25	56	-13	-350	21.5
37.5	47	-32	53	-20	-320	21.6
40.0	45	-24	52	-12	-290	21.4
42.5	43	-23	50	-11	-290	21.2
45.0	42	-20	49	-8	-260	21.3
47.5	39	-23	46	-11	-240	21.5
50.0	35	-24	41	-12	-230	21.4

/INEZ / 660928 / 1770 / 955 / 1807-1827 / 1 / 17 / 66 / 211 /

/12 / 275 / 130 / NW / 1 / 295 / 4 / 934 / 123 / 119 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	60	37	69	28	-2210	26.5
7.5	111	49	121	39	-1800	25.1
10.0	99	39	110	29	-1330	24.7
12.5	97	28	107	19	-1050	23.8
15.0	89	15	99	5	-890	22.7
17.5	77	10	86	0	-750	22.4
20.0	67	10	77	0	-630	22.2
22.5	67	9	76	-1	-570	22.4
25.0	56	12	65	1	-500	22.5
27.5	52	7	61	-4	-470	21.5
30.0	45	7	54	-4	-420	21.6
32.5	43	3	51	-8	-380	21.5
35.0	36	3	44	-9	-360	21.7
37.5	40	3	48	-8	-330	21.9
40.0	35	-2	43	-13	-310	22.0
42.5	34	-3	42	-14	-290	21.8
45.0	33	2	41	-10	-270	10.6
47.5	32	1	40	-11	-270	21.4
50.0	31	5	39	-6	-260	21.2

/INEZ / 660928 / 1770 / 955 / 1853-1915 / 1 / 17 / 66 / 207 /

/12 / 275 / 270 / NW / 5 / 90 / 4 / 934 / 123 / 120 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	118	0	114	13	-2170	26.0
7.5	123	-7	120	6	-1700	24.4
10.0	117	-14	115	-1	-1220	23.3
12.5	112	-16	109	-2	-980	22.4
15.0	99	-21	96	-7	-760	22.6
17.5	93	-24	90	-10	-630	22.1
20.0	82	-22	79	-8	-570	21.4
22.5	75	-18	72	-4	-510	21.3
25.0	69	-19	65	-5	-440	21.5
27.5	70	-23	66	-9	-390	21.4
30.0	58	-31	53	-18	-360	21.6
32.5	58	-32	53	-19	-350	21.2
35.0	59	-31	47	-18	-320	21.5
37.5	53	-30	48	-17	-300	21.0
40.0	51	-30	46	-17	-290	20.7
42.5	58	-27	43	-14	-260	20.7
45.0	53	-22	47	-9	-270	20.8
47.5	53	-20	48	-8	-210	20.3
50.0	49	-21	43	-8	-190	20.4

/INEZ / 660928 / 1770 / 955 / 1708-1724 / 1 / 17 / 66 / 209 /

/12 / 275 / 20 / S / 7 / 200 / 4 / 934 / 119 / 134 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	32	-5	47	-2	-2070	26.5
7.5	119	-2	134	0	-1650	24.8
10.0	97	-4	113	-3	-1100	23.7
12.5	91	-20	105	-19	-670	22.9
15.0	80	-52	94	-53	-620	22.0
17.5	69	-33	83	-34	-540	21.9
20.0	62	-29	76	-30	-500	21.9
22.5	56	-30	70	-32	-450	22.0
25.0	50	-20	64	-22	-390	21.0
27.5	45	-19	59	-21	-330	21.9
30.0	47	-17	62	-19	-290	21.7
32.5	38	-18	52	-20	-280	21.6
35.0	36	-15	50	-16	-270	21.6
37.5	35	-19	49	-20	-260	21.7
40.0	33	-12	47	-13	-250	21.5
42.5	30	-16	45	-17	-250	22.0
45.0	31	-13	46	-16	-240	22.2
47.5	28	-18	42	-19	-240	22.9
50.0	25	-13	39	-14	-220	22.8

/INEZ / 660928 / 1770 / 955 / 1807-1827 / 1 / 17 / 66 / 211 /

/12 / 275 / 130 / NW / 1 / 295 / 4 / 934 / 123 / 119 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	123	14	119	0	-1910	24.9
7.5	102	17	97	4	-1590	24.1
10.0	107	17	102	4	-1140	23.4
12.5	97	10	93	-3	-960	22.7
15.0	94	4	90	-9	-810	22.3
17.5	86	0	82	-14	-670	22.0
20.0	75	5	72	-9	-570	22.2
22.5	74	6	70	-8	-510	21.6
25.0	68	8	64	-5	-460	21.5
27.5	62	3	59	-10	-430	21.9
30.0	52	1	48	-13	-400	21.8
32.5	53	7	49	-7	-330	21.7
35.0	49	3	45	-11	-340	21.8
37.5	47	1	44	-14	-330	21.7
40.0	50	6	46	-8	-300	21.8
42.5	41	10	37	-3	-290	21.6
45.0	43	17	39	3	-280	21.2
47.5	47	9	43	-5	-270	21.4
50.0	43	4	39	-10	-260	21.1

STORM 20

LEVEL 1

STORM	DATE	ILVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660928	1770	955	1724-1748	0	17	66	275	12	0	N	6	0	206	4	934	142	5.0	128
INEZ	660928	1770	955	1803-1915	I	17	66	275	12	270	NW	5	90	207	4	934	123	7.5	120
INEZ	660928	1770	955	1827-1846	0	17	66	275	12	130	SE	5	130	208	4	934	123	5.0	132
INEZ	660928	1770	955	1709-1724	I	17	66	275	12	20	S	7	200	209	4	934	119	7.5	134
INEZ	660928	1770	955	1915-1925	0	17	66	275	12	240	SW	8	240	210	4	934	111	7.5	121
INEZ	660928	1770	955	1907-1827	I	17	66	275	12	130	NW	1	295	211	4	934	123	5.0	119

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	103	1	104	1	-2086	26.0	12319
7.5	115	3	116	3	-1657	24.3	13427
10.0	106	2	107	1	-1238	23.6	11443
12.5	102	-7	102	-6	-963	22.9	10519
15.0	93	-14	93	-14	-800	22.4	8742
17.5	84	-13	84	-13	-655	22.2	7218
20.0	75	-13	75	-13	-562	22.0	5700
22.5	68	-14	68	-14	-507	21.9	4715
25.0	65	-10	65	-10	-451	21.6	4391
27.5	62	-10	62	-10	-409	21.6	3984
30.0	56	-13	55	-13	-375	21.5	3224
32.5	53	-13	52	-13	-342	21.5	2907
35.0	49	-12	48	-12	-325	21.5	2561
37.5	47	-14	48	-14	-303	21.5	2520
40.0	48	-11	47	-11	-286	21.4	2433
42.5	46	-11	44	-11	-274	21.3	2314
45.0	44	-7	44	-7	-254	19.9	2074
47.5	44	-9	43	-10	-247	21.4	2062
50.0	41	-9	40	-9	-234	21.3	1875

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	107	2	108	2	-1943	25.5	12688
7.5	111	2	112	2	-1624	24.4	12746
10.0	106	-0	107	0	-1266	23.6	11538
12.5	101	-7	101	-6	-998	22.9	10329
15.0	93	-12	93	-12	-813	22.5	8758
17.5	84	-13	84	-13	-671	22.2	7223
20.0	75	-13	75	-13	-575	22.0	5835
22.5	69	-13	69	-13	-510	21.9	4914
25.0	65	-11	65	-11	-456	21.7	4420
27.5	61	-11	61	-11	-412	21.6	3903
30.0	56	-12	56	-12	-376	21.5	3314
32.5	53	-12	52	-12	-347	21.5	2922
35.0	50	-13	49	-13	-325	21.5	2641
37.5	49	-13	48	-13	-304	21.5	2529
40.0	47	-12	47	-12	-287	21.4	2427
42.5	46	-10	45	-10	-272	21.0	2282
45.0	44	-8	44	-9	-257	20.6	2123
47.5	43	-9	43	-9	-246	21.2	2030
50.0	42	-9	41	-9	-238	21.2	1927

STORM 20

LEVEL 2

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ ID /

STORM SPD/ DIR / TRUE HDG / OCTANT /NOTH/STM/ AZMTH ANGLE/ IN EYERAD/ PER CENT PRES/ACTUAL/REL / MAX WINDS RADIUS /MAX WD/

/INEZ / 660928 / 8090 / 763 / 2305-2329 / I / 17 / 66 / 212 /

/12 / 275 / 250 / E / 4 / 70 / 7 / 928 / 150 / 143 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	108	-7	101	4	-1700	16.3
7.5	150	-5	143	6	-1370	14.0
10.0	127	-11	120	1	-1000	13.8
12.5	106	-12	100	-1	-680	13.7
15.0	102	-6	95	6	-490	13.2
17.5	91	-6	81	5	-330	12.7
20.0	85	-2	79	10	-250	12.4
22.5	73	-9	66	4	-160	11.9
25.0	70	-4	63	7	-130	12.3
27.5	68	-4	61	7	-80	11.7
30.0	63	-1	56	11	-70	11.6
32.5	58	-10	51	2	-50	11.5
35.0	59	-2	52	10	0	11.4
37.5	57	-7	50	4	20	11.3
40.0	56	-7	49	4	40	11.3
42.5	56	-6	49	5	50	11.6
45.0	56	-8	49	3	60	12.1
47.5	52	-9	45	2	70	11.6
50.0	62	-11	44	0	80	11.4

/INEZ / 660928 / 8090 / 763 / 2235-2253 / O / 17 / 66 / 213 /

/12 / 275 / 125 / SE / 6 / 125 / 7 / 928 / 116 / 123 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	75	-7	85	1	-1810	17.6
7.5	109	9	118	19	-1390	16.8
10.0	116	-10	123	0	-970	14.0
12.5	96	-9	102	3	-700	13.6
15.0	80	-12	86	0	-530	12.9
17.5	76	-13	83	-1	-370	12.9
20.0	71	-12	78	0	-290	12.2
22.5	65	-19	71	-7	-230	11.9
25.0	64	-14	71	-2	-160	11.7
27.5	55	-9	62	3	-150	11.4
30.0	53	-12	60	0	-80	11.8
32.5	52	-10	58	2	-70	12.1
35.0	54	-13	60	-1	-40	12.0
37.5	47	-18	53	-6	-10	11.7
40.0	44	-11	50	1	-10	11.8
42.5	42	-10	47	2	10	11.4
45.0	38	-13	44	-1	40	11.2
47.5	39	-11	45	1	50	11.5
50.0	36	-16	42	-4	70	11.3

/INEZ / 660928 / 8090 / 763 / 2140-2153 / I / 17 / 66 / 21

/12 / 275 / 100 / S / 7 / 190 / 7 / 928 / 97 / 110 / 7.

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	78	-10	91	-8	-1870	17.2
7.5	97	-17	110	-16	-1420	16.2
10.0	96	-5	110	-4	-950	14.0
12.5	80	1	94	1	-710	13.5
15.0	72	0	85	1	-500	13.2
17.5	64	-2	77	-2	-370	12.8
20.0	55	-6	68	-6	-260	12.4
22.5	45	-3	67	-3	-180	12.3
25.0	52	-1	65	-1	-140	12.5
27.5	42	0	63	0	-100	12.4
30.0	40	-8	53	-8	-70	12.3
32.5	46	-6	60	-6	-50	12.2
35.0	42	-10	56	-10	-30	11.7
37.5	40	-7	54	-8	10	11.6
40.0	36	-3	50	-3	30	11.3
42.5	32	-2	45	-3	50	11.0
45.0	27	-8	41	-9	60	11.1
47.5	28	-4	41	-5	70	11.4
50.0	28	-8	41	-8	70	11.3

/INEZ / 660928 / 8090 / 763 / 2154-2210 / O / 17 / 66 / 640 /

/12 / 275 / 75 / E / 5 / 100 / 7 / 928 / 146 / 132 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	113	-4	100	-2	-1740	17.7
7.5	146	3	132	2	-1390	15.6
10.0	131	5	117	3	-940	13.8
12.5	117	3	103	1	-700	13.6
15.0	104	3	91	2	-490	13.8
17.5	98	3	84	2	-390	13.9
20.0	95	5	82	4	-300	13.0
22.5	86	5	72	4	-220	12.0
25.0	78	6	65	5	-160	11.6
27.5	71	8	57	7	-130	11.7
30.0	70	2	57	1	-60	11.8
32.5	65	0	52	-1	-40	11.4
35.0	67	0	54	-1	-20	11.2
37.5	63	-2	50	-3	0	11.3
40.0	62	3	48	2	10	11.9
42.5	61	8	47	7	30	12.3
45.0	62	9	48	7	50	12.2
47.5	55	13	42	13	60	11.5
50.0	52	9	38	8	60	11.9

/INEZ / 660928 / 8090 / 763 / 2216-2235 / I / 17 / 66 / 214 /

/12 / 275 / 350 / S / 7 / 170 / 7 / 928 / 144 / 131 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	116	-6	104	-6	-1790	16.0
7.5	144	-3	131	-4	-1330	15.7
10.0	124	-4	111	-6	900	14.2
12.5	107	-8	94	-10	-670	13.4
15.0	105	1	92	-1	-430	13.0
17.5	92	2	79	-1	-370	12.8
20.0	83	3	70	0	-300	12.7
22.5	84	5	71	2	-210	12.7
25.0	79	0	66	-3	-150	12.6
27.5	75	1	63	-2	-110	12.2
30.0	68	-1	55	-4	-70	11.7
32.5	67	5	53	2	-20	11.8
35.0	58	-1	45	-3	-10	11.5
37.5	62	0	49	-3	40	11.7
40.0	62	1	49	-2	40	11.7
42.5	65	4	52	1	90	11.9
45.0	58	6	45	3	100	11.8
47.5	55	10	42	7	130	11.6
50.0	56	14	43	10	140	11.5

/INEZ / 660928 / 8090 / 763 / 2324-2343 / O / 17 / 66 / 216

/12 / 275 / 250 / W / 8 / 250 / 7 / 928 / 124 / 132 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	87	9	94	-3	-1690	17.6
7.5	124	5	132	-6	-1330	15.0
10.0	103	4	111	-7	-950	14.0
12.5	87	9	96	-2	-650	13.8
15.0	82	14	90	3	-510	13.9
17.5	72	15	79	4	-420	14.1
20.0	70	11	77	0	-270	13.0
22.5	66	13	73	2	-240	12.5
25.0	62	15	69	4	-170	12.2
27.5	62	15	67	4	-170	12.2
30.0	57	15	65	3	-140	12.2
32.5	53	12	60	1	-70	12.0
35.0	42	9	49	-2	-40	12.3
37.5	38	8	45	-3	0	12.7
40.0	38	8	45	-3	10	12.6
42.5	34	1	41	-11	30	13.0
45.0	34	-3	41	-14	40	12.8
47.5	33	1	40	-11	50	12.9
50.0	36	-1	43	-12	60	13.7

STORM 20

LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSYM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660923	8030	763	2305-2329	I	17	66	275	12	250	E	4	70	212	7	928	150	7.5	143
INEZ	660923	8030	763	2154-2210	O	17	66	275	12	75	E	5	100	640	7	928	146	7.5	132
INEZ	660924	8030	763	2235-2253	O	17	66	275	12	125	SE	6	125	213	7	928	116	10.0	123
INEZ	660928	8030	763	2216-2235	I	17	66	275	12	350	S	7	170	214	7	928	144	7.5	131
INEZ	660929	8030	763	2140-2153	I	17	66	275	12	100	S	7	190	215	7	928	97	7.5	110
INEZ	660929	8030	763	2324-2343	O	17	66	275	12	250	W	8	250	216	7	928	124	7.5	132

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	95	-1	96	-1	-1737	17.0	9338
7.5	130	-0	131	-0	-1361	15.1	17398
10.0	114	-3	115	-2	-798	13.9	13271
12.5	96	-1	97	-1	-675	13.7	9486
15.0	90	2	90	2	-501	13.4	8295
17.5	80	2	80	2	-376	13.3	6657
20.0	58	1	76	2	-269	12.7	4365
22.5	68	0	69	1	-204	12.2	4844
25.0	66	2	66	3	-151	12.2	4437
27.5	63	3	63	4	-125	12.0	4083
30.0	58	2	59	3	-93	11.9	3483
32.5	55	-0	55	0	-55	11.8	3143
35.0	51	-0	51	0	-22	11.8	2729
37.5	48	-2	48	-1	9	11.9	2471
40.0	47	-0	47	-0	21	11.9	2368
42.5	45	-1	45	-1	41	12.1	2250
45.0	44	-4	44	-4	54	12.1	2118
47.5	42	-1	42	-1	66	12.0	1890
50.0	42	-4	42	-3	75	12.2	1923

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	107	-1	107	-1	-1611	16.4	12021
7.5	120	-1	121	-1	-1283	15.1	15017
10.0	111	-2	112	-2	-889	14.2	12761
12.5	98	-0	99	-0	-685	13.7	10007
15.0	90	1	90	1	-516	13.5	8314
17.5	77	1	81	2	-384	13.2	6498
20.0	66	1	76	2	-282	12.7	5018
22.5	67	1	70	1	-210	12.3	4785
25.0	65	2	66	3	-159	12.2	4436
27.5	62	3	63	3	-126	12.0	4021
30.0	58	2	59	2	-92	11.9	3532
32.5	55	0	55	1	-56	11.8	3137
35.0	51	-0	52	0	-23	11.8	2766
37.5	49	-1	49	-0	4	11.9	2519
40.0	47	-0	47	-0	22	11.9	2377
42.5	45	-2	45	-2	39	12.0	2249
45.0	44	-3	44	-3	53	12.1	2094
47.5	42	-2	42	-2	65	12.1	1949
50.0	42	-3	42	-3	71	12.1	1932

STORM 20
LEVEL 3

STORM	DATE	PRES ALT FEET	MB.	TIME IN INTERVAL	OUT	LAT/LONG	ID

STORM SPD	DIR	TRUE HDG	OCTANT NORTH	OCTANT STORM	AZMTH ANGLE	IN PER CENT EYERAD	MAX WINDS PRES	ACTUAL	RADIUS REL	MAX WD

/INEZ / 660928 / 11780 / 667 / 2019-2034 / 0 / 17 / 66 / 615

/12 / 275 / 5 / N / 3 / 5 / 4 / 934 / 122 / 109 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	122	-7	109	-3	-1240	11.9
7.5	113	9	105	11	-840	9.9
10.0	112	9	98	9	-540	6.9
12.5	102	6	88	7	-340	7.1
15.0	99	9	86	10	-210	6.5
17.5	94	13	82	14	-120	6.3
20.0	84	12	70	13	-60	6.5
22.5	74	13	60	14	-30	6.8
25.0	71	20	57	20	80	5.8
27.5	69	19	55	17	100	5.5
30.0	61	9	48	7	140	4.8
32.5	60	5	47	3	180	4.7
35.0	53	6	39	3	220	4.9
37.5	51	3	37	1	230	4.3
40.0	52	3	39	1	240	4.6
42.5	52	6	39	4	250	4.6
45.0	999	999	999	999	260	4.7
47.5	999	999	999	999	260	4.4
50.0	999	999	999	999	270	4.6

/INEZ / 660928 / 11780 / 667 / 1816-1834 / 0 / 17 / 66 / 617

/12 / 275 / 120 / SE / 6 / 120 / 4 / 934 / 110 / 114 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	87	23	91	37	-1460	12.5
7.5	110	19	114	32	-910	8.9
10.0	94	-2	98	11	-660	8.0
12.5	88	-13	93	1	-420	7.9
15.0	94	-10	89	3	-260	7.3
17.5	68	-15	74	-3	-130	6.3
20.0	64	-12	70	0	-30	5.6
22.5	63	-23	69	-10	-20	5.3
25.0	57	-25	63	-13	60	4.9
27.5	49	-23	56	-11	90	5.2
30.0	49	-20	56	-8	100	5.4
32.5	50	-17	57	-5	110	5.9
35.0	48	-22	54	-10	170	6.1
37.5	42	-26	49	-14	180	6.4
40.0	44	-27	51	-15	190	5.0
42.5	43	-19	50	-7	210	4.7
45.0	44	-26	51	-14	270	4.6
47.5	34	-22	40	-10	280	4.3
50.0	35	-15	42	-3	290	4.5

/INEZ / 660928 / 11780 / 667 / 1926-1955 / 0 / 17 / 66 / 619

/12 / 275 / 235 / SW / 8 / 235 / 4 / 934 / 100 / 112 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	100	6	112	-1	-1260	12.0
7.5	89	-7	101	-14	-860	11.0
10.0	89	-6	100	-13	-600	8.0
12.5	77	-10	88	-18	-400	7.8
15.0	72	-6	82	-15	-200	6.9
17.5	61	-7	71	-17	-110	5.9
20.0	58	-2	67	-13	-80	5.8
22.5	54	3	63	-7	-10	6.4
25.0	50	1	58	-10	80	5.8
27.5	48	-3	54	-14	100	5.4
30.0	44	-3	51	-14	110	5.0
32.5	44	-2	51	-14	120	4.5
35.0	44	-1	51	-12	130	4.4
37.5	37	-3	44	-14	140	4.3
40.0	38	-5	45	-16	170	4.9
42.5	35	-6	42	-17	190	5.1
45.0	39	-8	45	-20	190	5.5
47.5	30	-7	37	-19	220	5.8
50.0	33	-6	40	-18	230	5.2

/INEZ / 660928 / 11780 / 667 / 1909-1925 / 1 / 17 / 66 / 616

/12 / 275 / 240 / S / 7 / 40 / 4 / 934 / 126 / 115 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	115	-6	105	3	-1430	11.2
7.5	126	0	115	9	-910	8.3
10.0	119	1	107	9	-580	7.3
12.5	107	2	96	10	-380	7.2
15.0	101	7	90	15	-240	7.0
17.5	86	-9	75	-2	-140	5.9
20.0	88	-7	76	0	-80	6.4
22.5	77	-7	64	-1	-20	5.5
25.0	69	-11	57	-5	10	5.0
27.5	68	3	55	9	50	5.4
30.0	70	0	58	6	100	5.1
32.5	66	4	53	10	150	4.9
35.0	59	-3	45	3	160	5.5
37.5	54	0	41	6	190	4.7
40.0	52	0	40	6	220	4.3
42.5	54	3	41	10	230	4.5
45.0	53	4	41	10	250	4.4
47.5	58	0	46	7	290	4.4
50.0	43	-5	31	2	290	4.3

/INEZ / 660928 / 11780 / 667 / 2002-2019 / 1 / 17 / 66 / 618

/12 / 275 / 0 / S / 7 / 180 / 4 / 934 / 93 / 106 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	65	-16	78	-19	-1460	11.7
7.5	93	-17	106	-19	-910	9.1
10.0	93	-19	106	-19	-580	6.8
12.5	77	-19	91	-17	-310	6.0
15.0	74	-15	87	-14	-200	7.0
17.5	64	-14	77	-13	-110	5.8
20.0	54	-19	68	-17	-10	4.9
22.5	52	-17	65	-15	20	5.0
25.0	49	-11	62	-9	60	4.7
27.5	43	-4	56	-3	90	4.4
30.0	41	-8	54	-6	140	4.2
32.5	35	-2	48	0	190	4.3
35.0	32	0	46	2	200	4.1
37.5	34	-12	37	-10	210	4.8
40.0	25	-12	39	-11	230	4.9
42.5	25	-12	39	-11	240	4.7
45.0	24	-7	38	-5	250	4.6
47.5	22	-3	36	-1	260	4.1
50.0	31	1	45	3	270	4.2

/INEZ / 660928 / 11780 / 667 / 1800-1816 / 1 / 17 / 66 / 620

/12 / 275 / 110 / NW / 2 / 300 / 4 / 934 / 110 / 102 / 5.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	110	-12	102	-24	-1270	12.3
7.5	105	-9	98	-21	-760	9.2
10.0	94	-2	87	-15	-460	8.2
12.5	91	-2	85	-15	-320	7.8
15.0	81	-1	75	-13	-200	7.6
17.5	77	4	71	-9	-80	7.7
20.0	76	8	71	-5	-20	6.7
22.5	70	6	65	-1	0	6.6
25.0	64	6	59	-7	60	6.1
27.5	60	4	55	-9	120	5.6
30.0	56	6	51	-7	160	5.0
32.5	54	9	49	-4	190	5.2
35.0	51	9	46	-3	200	4.7
37.5	53	12	48	-1	230	4.4
40.0	53	15	48	2	250	4.5
42.5	47	10	42	-3	270	4.4
45.0	45	12	40	-1	270	4.3
47.5	43	7	38	-6	290	4.5
50.0	48	7	43	-6	310	4.6

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660928	11780	667	2013-2034	O	17	66	275	12	5	N	3	5	615	4	934	122	5.0	109
INEZ	660928	11780	667	1909-1925	I	17	66	275	12	240	S	7	40	616	4	934	126	7.5	115
INEZ	660928	11780	667	1916-1934	O	17	66	275	12	120	SE	6	120	617	4	934	110	7.5	114
INEZ	660928	11780	667	2002-2019	I	17	66	275	12	0	S	7	180	618	4	934	93	7.5	106
INEZ	660928	11780	667	1926-1955	O	17	66	275	12	235	SW	8	235	619	4	934	100	5.0	112
INEZ	660928	11780	667	1900-1816	I	17	66	275	12	110	NW	2	300	620	4	934	110	5.0	102

STORM 20

LEVEL 3

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	99	-1	99	-0	-1357	12.0	10177
7.5	106	-0	106	0	-864	9.0	11514
10.0	99	-3	99	-3	-571	7.6	10019
12.5	89	-6	90	-5	-363	7.3	8209
15.0	84	-3	84	-2	-219	7.1	7295
17.5	74	-5	74	-5	-114	6.3	5705
20.0	70	-3	70	-3	-45	6.0	5082
22.5	64	-4	64	-3	-9	5.9	4281
25.0	59	-4	59	-4	58	5.4	3632
27.5	55	-1	55	-2	92	5.3	3195
30.0	53	-3	53	-4	124	4.9	2923
32.5	51	-0	51	-2	153	5.0	2726
35.0	47	-2	47	-3	178	5.0	2331
37.5	45	-4	43	-5	195	4.9	2039
40.0	43	-4	44	-5	215	4.7	2031
42.5	42	-3	42	-4	231	4.7	1903
45.0	42	-3	42	-4	248	4.7	1875
47.5	39	-4	39	-4	267	4.6	1716
50.0	39	-3	39	-3	277	4.6	1563

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	101	-0	101	-0	-1192	11.0	10623
7.5	103	-1	103	-0	-873	9.2	10917
10.0	98	-3	97	-3	-595	7.9	9791
12.5	90	-4	90	-4	-385	7.4	8374
15.0	83	-4	83	-3	-234	7.0	7162
17.5	75	-4	75	-4	-127	6.4	5914
20.0	70	-4	70	-4	-57	6.1	5090
22.5	64	-4	64	-4	-4	5.8	4321
25.0	59	-3	59	-4	50	5.5	3695
27.5	56	-2	55	-3	89	5.2	3252
30.0	53	-2	53	-3	123	5.0	2956
32.5	50	-1	50	-2	152	5.0	2685
35.0	47	-2	47	-3	176	5.0	2359
37.5	45	-4	44	-5	195	4.9	2142
40.0	43	-4	43	-5	214	4.7	2027
42.5	42	-3	42	-4	231	4.7	1933
45.0	41	-3	42	-4	249	4.7	1848
47.5	39	-3	40	-4	265	4.6	1711
50.0	39	-3	39	-4	273	4.6	1612

STORM 20

LEVEL 4

STORM / DATE / PRES ALT FEET / MB. / TIME IN INTERVAL /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG /NOTH/STM/ OCTANT ANGLE/EYERAD/ AZMTH PRES/ACTUAL/REL / IN PCT MAX WINDS /MAX WD/ RADIUS

/INEZ / 660828 / 18280 / 520 / 10- 27 / 0 / 17 / 66 / 621 /

/14 / 275 / 0 / N / 7 / 5 / 6 / 928 / 104 / 92 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	93	-23	81	-17	-400	3.7
7.5	104	-22	92	-16	40	-.9
10.0	101	-9	88	-7	330	-2.6
12.5	93	-4	80	-3	530	-2.9
15.0	85	-2	71	-2	620	-2.2
17.5	73	7	60	8	720	-1.5
20.0	60	-2	47	-1	760	-2.9
22.5	62	-4	48	-4	840	-3.5
25.0	57	-4	43	-4	850	-3.9
27.5	56	-3	42	-4	860	-4.1
30.0	51	0	38	0	930	-4.5
32.5	52	0	39	-1	960	-4.7
35.0	54	0	40	-1	970	-4.4
37.5	44	1	30	1	980	-4.7
40.0	44	-2	30	-3	990	-4.8
42.5	52	-1	39	-2	990	-4.8
45.0	54	-7	41	-8	1000	-4.6
47.5	47	-11	34	-14	1000	-4.8
50.0	53	-10	40	-15	1010	-5.1

/INEZ / 660828 / 18280 / 520 / 2353- 10 / I / 17 / 66 / 623 /

/14 / 275 / 0 / S / 7 / 200 / 7 / 928 / 116 / 129 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	47	37	60	35	-520	1.8
7.5	115	20	128	17	-180	-.3
10.0	102	-4	115	-7	220	-1.6
12.5	90	-6	103	-9	440	-1.8
15.0	75	-3	88	-6	570	-2.2
17.5	63	-1	76	-4	660	-2.8
20.0	56	0	69	-2	770	-3.4
22.5	46	1	59	-2	810	-4.1
25.0	45	2	58	0	830	-4.2
27.5	47	-1	60	-4	880	-4.4
30.0	44	1	57	-1	890	-4.6
32.5	41	7	54	5	900	-4.7
35.0	40	11	53	10	910	-4.8
37.5	38	12	53	11	920	-4.4
40.0	33	10	46	9	920	-4.5
42.5	31	11	45	10	920	-4.7
45.0	36	11	50	10	930	-5.1
47.5	39	13	53	13	930	-5.6
50.0	41	11	55	11	940	-5.7

/INEZ / 660828 / 18280 / 520 / 2214-2228 / I / 17 / 66 / 625 /

/14 / 275 / 115 / W / 1 / 275 / 7 / 930 / 116 / 116 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	94	7	89	-5	-850	2.0
7.5	116	6	116	-7	-590	2.3
10.0	104	4	104	-9	-200	-1.5
12.5	97	11	97	-2	0	-1.9
15.0	90	26	90	13	150	-2.0
17.5	81	30	81	17	250	-2.4
20.0	73	29	73	16	340	-2.6
22.5	72	33	72	20	380	-3.4
25.0	66	26	65	12	410	-3.6
27.5	58	20	57	7	470	-3.9
30.0	56	19	55	6	490	-4.0
32.5	53	20	51	7	510	-3.9
35.0	59	22	56	8	530	-3.8
37.5	55	21	54	8	550	-4.1
40.0	53	20	51	7	570	-4.4
42.5	55	18	52	5	590	-4.5
45.0	52	17	49	4	600	-4.7
47.5	52	17	49	4	610	-4.9
50.0	50	16	47	3	610	-4.7

/INEZ / 660828 / 18280 / 520 / 2302-2316 / I / 17 / 66 / 622 /

/14 / 275 / 230 / NE / 4 / 40 / 7 / 930 / 137 / 125 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	92	-11	79	-12	-500	0.0
7.5	137	20	125	24	-240	.7
10.0	123	-9	112	-3	90	-2.6
12.5	109	-6	98	2	350	-2.3
15.0	98	-6	87	3	510	-2.6
17.5	85	-9	76	-1	580	-2.7
20.0	76	-5	66	4	660	-2.9
22.5	72	-6	62	3	750	-3.4
25.0	70	-6	60	3	820	-3.9
27.5	65	-4	55	5	830	-3.8
30.0	64	-9	54	0	860	-4.2
32.5	64	2	55	11	880	-4.3
35.0	61	2	51	12	900	-4.4
37.5	51	2	42	11	910	-4.4
40.0	48	4	39	5	920	-4.3
42.5	46	-5	37	4	980	-4.9
45.0	49	-6	38	4	1000	-5.0
47.5	46	-8	36	2	1010	-5.1
50.0	50	-13	40	-4	1020	-5.2

/INEZ / 660828 / 18280 / 520 / 2316-2336 / O / 17 / 66 / 624 /

/14 / 275 / 225 / SW / 8 / 225 / 7 / 930 / 101 / 115 / 7.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	61	-1	73	4	-500	3.4
7.5	101	12	115	13	-210	-1.5
10.0	91	4	104	1	160	-2.5
12.5	75	10	87	5	340	-3.0
15.0	65	11	77	5	430	-3.2
17.5	69	12	80	4	470	-3.0
20.0	64	9	75	1	580	-2.0
22.5	59	2	69	-7	660	-4.2
25.0	51	4	60	-6	810	-4.4
27.5	43	4	52	-7	880	-4.4
30.0	42	6	51	-4	890	-4.8
32.5	44	6	53	4	900	-4.9
35.0	44	8	52	-3	900	-4.9
37.5	45	9	54	-1	910	-5.3
40.0	46	9	54	-2	910	-5.4
42.5	53	17	61	6	920	-5.8
45.0	50	19	58	9	920	-5.9
47.5	45	18	53	8	930	-5.8
50.0	45	20	53	9	930	-5.8

STORM 20

LEVEL 4

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660828	18280	520	10- 27	O	17	66	275	14	0	N	7	5	621	6	928	104	7.5	92
INEZ	660828	18280	520	2302-2316	I	17	66	275	14	230	NE	4	40	622	7	930	137	7.5	125
INEZ	660828	18280	520	2353- 10	I	17	66	275	14	0	S	7	200	623	7	928	115	7.5	129
INEZ	660828	18280	520	2316-2336	O	17	66	275	14	225	SW	8	225	624	7	930	101	7.5	115
INEZ	660828	18280	520	2214-2228	I	17	66	275	14	115	W	1	275	625	7	930	116	7.5	116

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	77	3	75	2	-555	1.8	6467
7.5	117	9	117	8	-240	.2	14038
10.0	106	-3	106	-5	115	-2.1	11507
12.5	95	-0	94	-2	335	-2.3	9216
15.0	84	3	84	1	466	-2.4	7315
17.5	75	5	74	3	549	-2.5	5719
20.0	66	4	65	3	635	-2.9	4457
22.5	62	4	61	2	699	-3.7	3985
25.0	58	3	57	1	747	-4.0	3529
27.5	55	2	54	0	783	-4.1	3103
30.0	52	2	51	0	809	-4.4	2851
32.5	51	6	50	5	829	-4.5	2758
35.0	52	8	50	6	842	-4.4	2780
37.5	46	8	46	7	854	-4.5	2210
40.0	44	5	43	4	863	-4.6	2006
42.5	45	6	44	4	884	-4.8	2170
45.0	46	5	45	3	895	-5.0	2249
47.5	45	4	44	3	901	-5.2	2084
50.0	47	2	46	0	908	-5.3	2293

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	91	5	89	4	-450	1.3	8990
7.5	108	5	107	3	-204	-.1	12143
10.0	104	-0	103	-2	90	-1.6	11093
12.5	95	0	94	-1	306	-2.1	9210
15.0	84	3	84	1	447	-2.3	7390
17.5	75	4	74	3	545	-2.6	5821
20.0	67	4	66	3	628	-3.0	4680
22.5	62	4	61	2	693	-3.6	4045
25.0	58	3	57	1	742	-3.9	3551
27.5	55	2	54	0	779	-4.1	3152
30.0	53	3	52	1	806	-4.3	2903
32.5	52	6	51	4	826	-4.4	2800
35.0	50	8	49	6	841	-4.4	2643
37.5	47	7	46	6	853	-4.5	2267
40.0	45	6	44	4	865	-4.6	2112
42.5	45	6	44	4	882	-4.8	2175
45.0	46	5	45	3	893	-5.0	2189
47.5	46	4	45	2	901	-5.2	2162
50.0	47	3	46	1	906	-5.2	2250

STORM 20

LEVEL 5

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	DIR	TRUE HDG	OCTANT /NOTH/STM/	AZMTH ANGLE/	IN PER CENT EYERAD/	MAX WINDS PRES/ACTUAL	/REL	RADIUS /MAX WD/

/INEZ / 660928 / 38670 / 221 / 1858-1907 / 0 / 17 / 66 / 626 //INEZ / 660828 / 38670 / 221 / 1851-1858 / 1 / 17 / 66 / 628 /

/14 / 275 / 60 / E / 4 / 70 / 7 / 934 / 67 / 61 / 15.0 /14 / 275 / 60 / SW / 8 / 245 / 7 / 934 / 40 / 49 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	30	-1	30	12	999	-37.4	5.0	15	7	28	1	999	-40.1
7.5	39	0	36	13	999	-37.5	7.5	19	25	30	17	999	-42.7
10.0	56	11	52	24	999	-38.8	10.0	40	40	49	31	999	-45.7
12.5	61	-2	56	11	999	-42.4	12.5	40	31	49	21	999	-45.9
15.0	67	-25	61	-13	999	-44.7	15.0	23	11	32	0	999	-46.7
17.5	65	-11	59	1	999	-46.2	17.5	24	24	32	13	999	-47.4
20.0	63	14	56	26	999	-47.1	20.0	22	23	30	12	999	-48.0
22.5	63	17	46	30	999	-47.5	22.5	19	29	27	18	999	-47.7
25.0	54	19	47	31	999	-48.1	25.0	15	31	22	19	999	-47.9
27.5	48	10	40	22	999	-48.0	27.5	18	31	25	19	999	-48.1
30.0	45	7	37	19	999	-49.0	30.0	13	27	20	15	999	-48.3
32.5	28	1	21	13	999	-48.7	32.5	17	28	25	16	999	-48.3
35.0	32	-5	24	6	999	-48.8	35.0	11	20	18	8	999	-48.9
37.5	32	-8	25	4	999	-49.4	37.5	10	17	18	5	999	-48.7
40.0	26	-11	19	0	999	-49.3	40.0	15	14	23	2	999	-49.2
42.5	29	-11	22	1	999	-49.6	42.5	17	12	25	0	999	-49.9
45.0	28	-9	21	2	999	-49.9	45.0	17	12	25	0	999	-49.6
47.5	29	-8	21	4	999	-49.9	47.5	13	11	21	-1	999	-50.0
50.0	32	-7	25	4	999	-49.8	50.0	13	12	21	0	999	-50.1

/INEZ / 660928 / 38670 / 221 / 2013-2020 / 0 / 17 / 66 / 627 //INEZ / 660928 / 38670 / 221 / 2006-2013 / 1 / 17 / 66 / 629 /

/14 / 275 / 90 / E / 5 / 90 / 7 / 934 / 62 / 62 / 10.0 /14 / 275 / 100 / W / 1 / 280 / 7 / 934 / 48 / 50 / 10.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	37	-6	38	7	999	-37.0	5.0	24	7	30	-5	999	-40.2
7.5	57	-7	58	6	999	-38.5	7.5	19	39	22	26	999	-40.6
10.0	62	-4	62	10	999	-41.6	10.0	47	22	50	9	999	-43.9
12.5	53	-18	53	-4	999	-43.1	12.5	48	33	50	20	999	-45.7
15.0	54	-10	53	4	999	-44.5	15.0	43	32	44	19	999	-45.8
17.5	53	6	52	19	999	-45.7	17.5	40	19	40	6	999	-46.3
20.0	46	1	44	14	999	-46.2	20.0	31	22	31	8	999	-46.4
22.5	47	2	46	15	999	-47.4	22.5	30	30	31	16	999	-47.1
25.0	46	7	44	21	999	-47.5	25.0	24	25	24	12	999	-47.4
27.5	36	12	34	25	999	-47.9	27.5	32	23	32	9	999	-47.9
30.0	35	12	34	26	999	-48.3	30.0	27	6	27	-7	999	-49.5
32.5	34	14	32	27	999	-48.7	32.5	16	7	16	-6	999	-48.8
35.0	24	9	23	22	999	-48.6	35.0	19	13	18	-1	999	-48.4
37.5	24	8	22	13	999	-48.5	37.5	15	9	15	-4	999	-48.6
40.0	24	8	22	13	999	-48.5	40.0	15	10	14	-4	999	-48.8
42.5	22	2	20	15	999	-48.5	42.5	15	11	14	-3	999	-49.0
45.0	20	2	18	15	999	-48.8	45.0	15	12	14	-2	999	-49.0
47.5	15	-9	13	5	999	-48.6	47.5	11	16	10	2	999	-49.7
50.0	14	-15	13	-2	999	-49.0	50.0	13	17	12	3	999	-49.0

STORM 20

LEVEL 5

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
INEZ	660929	39670	221	1858-1907	O	17	66	275	14	60	E	4	70	626	7	934	67	15.0	61
INEZ	660929	39670	221	2013-2020	O	17	66	275	14	90	E	5	90	627	7	934	62	10.0	62
INEZ	660929	39670	221	1851-1858	I	17	66	275	14	60	SW	8	245	628	7	934	40	10.0	49
INEZ	660929	39670	221	2006-2013	I	17	66	275	14	100	W	1	280	629	7	934	48	12.5	50

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	26	1	31	3	999	-38.7	752
7.5	32	14	36	15	999	-39.9	1327
10.0	50	17	53	18	999	-42.6	2664
12.5	50	11	51	12	999	-44.3	2575
15.0	46	2	47	2	999	-45.5	2383
17.5	44	10	45	9	999	-46.4	2243
20.0	39	15	39	14	999	-46.9	1826
22.5	36	19	37	19	999	-47.4	1526
25.0	34	20	33	20	999	-47.7	1410
27.5	33	19	32	18	999	-48.0	1207
30.0	29	13	29	12	999	-48.5	1007
32.5	23	12	23	12	999	-48.6	608
35.0	21	9	20	8	999	-48.7	506
37.5	19	4	19	4	999	-48.8	465
40.0	19	3	19	2	999	-49.0	416
42.5	20	3	20	3	999	-49.2	450
45.0	19	4	19	3	999	-49.3	416
47.5	16	2	16	2	999	-49.3	328
50.0	17	2	17	1	999	-49.5	377

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	28	6	32	7	999	-39.1	944
7.5	36	13	39	14	999	-40.4	1565
10.0	47	15	49	15	999	-42.5	2367
12.5	48	10	50	10	999	-44.2	2475
15.0	46	6	47	6	999	-45.4	2371
17.5	43	10	44	10	999	-46.3	2171
20.0	40	15	40	14	999	-46.9	1837
22.5	36	18	37	18	999	-47.4	1575
25.0	34	19	34	19	999	-47.7	1400
27.5	32	17	32	17	999	-48.0	1205
30.0	28	14	28	13	999	-48.4	957
32.5	24	12	24	11	999	-48.6	670
35.0	21	9	21	8	999	-48.7	537
37.5	20	5	20	4	999	-48.8	471
40.0	20	4	19	3	999	-49.0	438
42.5	20	4	19	3	999	-49.2	438
45.0	19	4	18	3	999	-49.3	400
47.5	17	3	17	2	999	-49.3	358
50.0	17	2	17	1	999	-49.4	371

STORM 21
LEVEL 1

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG/	ID

STORM SPD/	TRUE DIR /	OCTANT HDG /NOTH/	AZMTH STM/	IN PER CENT ANGLE/	MAX WINDS EYERAD/	PRES/	RADIUS ACTUAL/REL /MAX WD/

/BEULAH / 670918 / 1770 / 955 / 1640-1700 / I / 22 / 42 / 570 //BEULAH / 670918 / 1770 / 955 / 1700-1720 / O / 22 / 42 / 572 /

/11 / 295 / 250 / NE / 4 / 60 / 6 / 967 / 69 / 64 / 22.5 /11 / 295 / 250 / SW / 8 / 240 / 6 / 967 / 61 / 67 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	34	-1	27	5	-1090	24.0	5.0	13	6	21	5	-1100	23.9
7.5	54	-12	48	-6	-1070	23.5	7.5	38	5	45	0	-1060	23.8
10.0	62	-15	57	-9	-1000	23.1	10.0	52	2	58	-4	-940	23.4
12.5	59	-8	53	-2	-950	22.9	12.5	61	4	67	-2	-890	22.9
15.0	64	-12	59	-5	-890	22.7	15.0	57	9	63	3	-870	22.9
17.5	59	-2	54	6	-810	22.7	17.5	60	4	66	-3	-840	22.8
20.0	61	0	57	7	-740	22.7	20.0	57	3	63	-4	-780	22.9
22.5	63	2	64	9	-690	22.6	22.5	59	9	64	2	-710	22.6
25.0	66	-7	61	0	-690	22.5	25.0	59	6	64	-1	-670	22.4
27.5	63	-7	58	0	-640	22.3	27.5	54	7	60	0	-610	22.3
30.0	66	-6	61	2	-610	22.2	30.0	54	7	60	0	-580	22.3
32.5	60	-6	55	2	-550	22.4	32.5	52	6	57	-1	-560	22.5
35.0	55	-1	50	6	-530	22.4	35.0	50	4	55	-3	-520	22.1
37.5	56	-11	52	-4	-520	22.4	37.5	50	2	55	-5	-500	22.0
40.0	57	-7	53	1	-510	22.1	40.0	47	8	52	1	-490	21.6
42.5	60	-6	55	2	-510	21.9	42.5	48	9	53	2	-490	21.7
45.0	57	-8	52	0	-500	21.9	45.0	49	5	54	-3	-460	21.8
47.5	57	-8	52	-1	-470	21.8	47.5	50	-1	55	-8	-430	21.7
50.0	57	-19	52	-11	-440	21.8	50.0	51	-7	56	-15	-470	21.5

/BEULAH / 670919 / 1770 / 955 / 1905-1920 / I / 22 / 42 / 571 //BEULAH / 670918 / 1770 / 955 / 1921-1930 / O / 22 / 42 / 573 /

/11 / 295 / 340 / SE / 6 / 145 / 7 / 967 / 72 / 77 / 17.5 /11 / 295 / 340 / N / 2 / 350 / 7 / 967 / 78 / 71 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	4	15	10	-1190	24.1	5.0	21	-11	13	-13	-1220	24.3
7.5	13	2	16	9	-1180	24.1	7.5	48	-10	39	-12	-1170	24.0
10.0	26	6	29	13	-1170	24.2	10.0	65	-9	57	-11	-1140	23.4
12.5	46	5	50	12	-1140	23.7	12.5	69	-10	62	-13	-1060	23.3
15.0	67	20	72	27	-1050	23.6	15.0	64	-6	56	-9	-960	23.2
17.5	72	14	77	20	-980	23.3	17.5	74	2	67	-1	-890	23.1
20.0	68	1	73	7	-910	23.4	20.0	73	-13	66	-17	-810	23.0
22.5	66	-2	72	4	-830	22.9	22.5	76	-11	69	-14	-740	22.8
25.0	62	-3	68	3	-780	22.9	25.0	78	-7	71	-10	-730	22.6
27.5	57	-3	63	2	-780	22.9	27.5	74	-10	67	-14	-730	22.5
30.0	58	-7	64	-2	-770	22.4	30.0	70	-9	62	-13	-670	22.5
32.5	60	-6	66	-1	-700	22.3	32.5	72	-10	65	-13	-630	22.3
35.0	61	-6	67	-1	-670	22.0	35.0	67	-10	60	-13	-600	22.3
37.5	60	-9	67	-3	-610	21.7	37.5	72	-16	65	-19	-530	21.9
40.0	59	-6	66	-1	-580	21.6	40.0	74	-14	66	-17	-480	21.7
42.5	59	-13	65	-8	-570	21.8	42.5	76	-11	69	-14	-460	21.6
45.0	61	-7	67	-2	-530	21.6	45.0	75	-7	68	-11	-410	19.9
47.5	51	-15	58	-11	-480	21.5	47.5	74	-5	67	-8	-380	19.9
50.0	59	-10	66	-5	-470	21.6	50.0	71	-2	64	-5	-320	19.7

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-D	LAT	LONG	STORM DIR	STORM SPD	TH	QN	OSTM	ARL	TD	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BEULAH	670918	1770	955	1640-1700	I	22	42	295	11	250	NE	4	60	570	6	967	69	22.5	64
BEULAH	670918	1770	955	1905-1920	I	22	42	295	11	340	SE	6	145	571	7	967	72	17.5	77
BEULAH	670918	1770	955	1700-1720	D	22	42	295	11	250	SW	8	240	572	6	967	61	12.5	67
BEULAH	670918	1770	955	1921-1930	D	22	42	295	11	340	N	2	350	573	7	967	78	12.5	71

STORM 21

LEVEL 1

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	18	-0	18	1	-1150	24.1	432
7.5	37	-3	36	-2	-1119	23.9	1657
10.0	60	-3	60	-2	-1060	23.5	2822
12.5	58	-2	58	-1	-1007	23.2	3528
15.0	62	3	62	4	-941	23.1	3953
17.5	66	4	66	5	-881	23.0	4439
20.0	64	-2	64	-2	-811	23.0	4214
22.5	67	-0	67	0	-743	22.7	4549
25.0	66	-2	66	-2	-714	22.6	4410
27.5	61	-2	62	-3	-688	22.5	3865
30.0	61	-3	61	-3	-656	22.4	3833
32.5	60	-3	60	-3	-610	22.4	3740
35.0	58	-3	58	-3	-579	22.2	3415
37.5	59	-7	59	-7	-539	22.0	3582
40.0	58	-4	59	-4	-514	21.7	3567
42.5	60	-4	60	-4	-503	21.7	3745
45.0	60	-3	60	-4	-473	21.3	3719
47.5	57	-7	58	-7	-438	21.2	3430
50.0	59	-8	59	-9	-426	21.1	3570

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	25	-1	24	0	-1140	24.0	840
7.5	37	-2	37	-1	-1109	23.8	1744
10.0	49	-2	49	-1	-1059	23.5	2729
12.5	57	-0	57	-0	-1004	23.3	3434
15.0	62	2	62	3	-942	23.1	3945
17.5	64	2	65	2	-878	23.0	4259
20.0	65	-0	65	-0	-811	22.9	4309
22.5	66	-0	66	-0	-753	22.7	4454
25.0	65	-2	65	-1	-717	22.6	4285
27.5	62	-2	62	-2	-688	22.5	3962
30.0	61	-3	61	-3	-652	22.4	3842
32.5	60	-3	60	-3	-613	22.3	3685
35.0	58	-4	59	-4	-577	22.2	3524
37.5	59	-6	59	-5	-542	22.0	3564
40.0	59	-4	59	-4	-518	21.8	3611
42.5	60	-4	60	-4	-500	21.6	3705
45.0	59	-4	59	-4	-471	21.4	3643
47.5	58	-6	58	-7	-443	21.2	3518
50.0	59	-8	59	-8	-431	21.2	3553

STORM 21

LEVEL 2

PRES ALT TIME IN

STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN PER CENT MAX WINDS RADIUS

SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/BEULAH / 670919 / 4780 / 859 / 2135-2150 / 1 / 22 / 92 / 574 //BEULAH / 670918 / 4780 / 859 / 2120-2135 / 0 / 22 / 92 / 576 /

/11 / 295 / 75 / E / 4 / 75 / 8 / 967 / 79 / 77 / 15.0 /11 / 295 / 75 / W / 8 / 245 / 8 / 967 / 76 / 79 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	9	-2	12	5	-1140	20.1	5.0	32	1	31	-7	-1070	20.2
7.5	22	-2	22	5	-1100	19.9	7.5	50	8	52	1	-1060	20.0
10.0	44	-3	43	4	-1060	20.1	10.0	67	9	70	2	-960	19.5
12.5	75	-12	73	-5	-950	19.3	12.5	76	2	79	-5	-830	18.9
15.0	79	-10	77	-3	-850	18.7	15.0	72	4	75	-2	-750	18.8
17.5	71	1	68	8	-750	18.1	17.5	67	3	71	-3	-660	18.7
20.0	73	-6	70	0	-680	18.0	20.0	62	7	66	1	-590	18.6
22.5	65	0	62	6	-660	18.1	22.5	61	5	65	-1	-530	18.5
25.0	65	0	61	6	-600	18.1	25.0	55	1	60	-4	-510	18.4
27.5	65	-3	61	4	-560	18.2	27.5	58	8	62	3	-450	18.2
30.0	60	-7	56	-1	-530	18.1	30.0	54	4	59	-1	-390	18.1
32.5	56	-4	52	2	-500	18.1	32.5	53	5	58	0	-390	18.1
35.0	58	-6	54	0	-470	15.1	35.0	53	9	58	4	-370	18.0
37.5	56	2	52	8	-460	17.6	37.5	54	3	59	-2	-350	17.8
40.0	66	0	62	6	-440	17.2	40.0	52	7	57	2	-340	17.8
42.5	65	0	61	5	-380	17.3	42.5	51	9	56	4	-310	17.6
45.0	62	1	58	6	-360	17.4	45.0	53	9	59	4	-300	17.4
47.5	61	0	57	6	-360	17.8	47.5	50	10	56	5	-280	17.6
50.0	61	-2	57	3	-350	17.3	50.0	51	10	56	5	-270	17.9

/BEULAH / 670919 / 4780 / 859 / 2020-2038 / 0 / 22 / 92 / 575 //BEULAH / 670918 / 4780 / 859 / 2000-2020 / 1 / 22 / 92 / 577 /

/11 / 295 / 170 / SE / 6 / 155 / 7 / 967 / 59 / 65 / 15.0 /11 / 295 / 170 / N / 2 / 355 / 7 / 967 / 80 / 72 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	9	5	12	12	-1080	21.7	5.0	16	-5	9	-6	-1050	20.6
7.5	24	11	28	17	-1040	21.0	7.5	21	-7	13	-9	-1030	20.3
10.0	39	10	44	16	-990	20.9	10.0	40	-1	33	-4	-1020	20.2
12.5	53	17	58	22	-900	19.9	12.5	63	-4	55	-7	-950	20.1
15.0	55	17	61	22	-850	19.5	15.0	74	-14	67	-16	-830	19.3
17.5	56	9	61	14	-790	19.4	17.5	75	-3	68	-6	-740	18.5
20.0	54	9	60	14	-700	17.3	20.0	80	1	72	-2	-660	18.3
22.5	53	13	59	18	-680	19.2	22.5	76	-9	69	-11	-630	17.9
25.0	59	10	65	15	-590	18.2	25.0	70	-1	63	-4	-570	18.0
27.5	59	11	65	16	-560	18.1	27.5	69	-5	62	-7	-540	18.2
30.0	57	9	63	13	-530	17.9	30.0	65	1	58	-2	-500	18.2
32.5	57	6	63	9	-480	17.9	32.5	63	-6	55	-9	-460	18.1
35.0	53	9	59	14	-460	17.8	35.0	66	-7	59	-9	-410	18.0
37.5	57	5	63	10	-450	18.1	37.5	66	0	59	-3	-370	17.9
40.0	55	8	61	12	-420	18.0	40.0	65	4	58	2	-360	17.8
42.5	54	2	60	6	-410	17.4	42.5	64	3	57	0	-330	17.7
45.0	57	-5	63	0	-360	17.4	45.0	65	-1	58	-3	-320	18.0
47.5	55	2	61	7	-340	17.2	47.5	63	-3	56	-6	-300	18.3
50.0	54	-3	60	1	-320	17.1	50.0	60	-1	53	-4	-270	18.5

STORM 21
LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
BEULAH	670918	4780	859	2135-2150	I	22	92	295	11	75	E	4	75	574	8	967	79	15.0	77
BEULAH	670918	4780	859	2020-2038	O	22	92	295	11	170	SE	6	155	575	7	967	59	25.0	65
BEULAH	670918	4780	859	2120-2135	O	22	92	295	11	75	W	8	245	576	8	967	76	12.5	79
BEULAH	670919	4780	859	2000-2020	I	22	92	295	11	170	N	2	355	577	7	967	80	20.0	72

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	17	-0	16	0	-1082	20.6	389
7.5	29	2	29	3	-1056	20.3	1054
10.0	48	3	48	4	-1005	20.1	2458
12.5	66	0	66	0	-904	19.5	4565
15.0	70	-0	70	-0	-816	18.8	4996
17.5	67	2	67	2	-731	18.7	4591
20.0	67	2	67	3	-654	18.6	4629
22.5	63	2	63	2	-620	18.4	4159
25.0	62	2	62	2	-564	18.2	3894
27.5	62	3	62	3	-524	18.2	3951
30.0	58	1	59	2	-483	18.1	3492
32.5	57	0	57	0	-454	18.1	3291
35.0	57	1	57	2	-424	17.3	3340
37.5	58	2	58	2	-403	17.9	3423
40.0	59	4	59	5	-386	17.7	3548
42.5	58	3	58	3	-354	17.5	3430
45.0	59	1	59	1	-332	17.6	3516
47.5	57	2	57	2	-317	17.7	3282
50.0	56	1	56	1	-299	17.7	3187

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	21	0	20	1	-1073	20.5	610
7.5	32	2	31	2	-1047	20.3	1294
10.0	48	2	48	3	-990	20.0	2694
12.5	63	0	62	1	-904	19.5	4202
15.0	67	0	67	0	-817	18.9	4691
17.5	67	2	67	2	-733	18.7	4626
20.0	66	2	66	2	-665	18.6	4511
22.5	64	2	64	2	-617	18.4	4181
25.0	62	2	62	2	-567	18.2	3980
27.5	61	2	61	3	-524	18.2	3843
30.0	59	1	59	1	-486	18.1	3529
32.5	57	0	57	1	-454	17.9	3363
35.0	57	1	57	1	-426	17.6	3367
37.5	58	2	58	3	-404	17.8	3440
40.0	58	4	58	4	-383	17.7	3491
42.5	58	3	58	3	-356	17.6	3467
45.0	58	2	58	2	-334	17.6	3445
47.5	57	2	57	2	-317	17.7	3299
50.0	56	1	56	1	-305	17.7	3225

STORM / DATE / PRES ALT FEET / MB. / TIME INTERVAL / IN /OUT/ LAT/LONG/ TD /

STORM SPD/ DIR / TRUE HDG / OCTANT AZMTH /NOTH/STM/ANGLE/ IN PER CENT EYERAD/ MAX WINDS PRES/ACTUAL/REL / RADIUS MAX WD/

STORM 22

LEVEL 1

/DEBBIE / 690818 / 11780 / 667 / 1241-1253 / 0 / 24 / 54 / 558 /

/11 / 300 / 20 / N / 3 / 20 / 0 / 971 / 93 / 88 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	-5	15	11	-250	13.8
7.5	26	5	23	0	-250	13.9
10.0	37	4	33	-1	-200	11.6
12.5	47	8	42	2	-160	10.4
15.0	56	12	50	7	-120	9.1
17.5	62	15	57	11	-80	9.3
20.0	73	19	68	13	-50	8.6
22.5	93	30	88	25	10	7.0
25.0	90	30	85	25	30	5.8
27.5	86	23	82	18	70	5.9
30.0	78	20	74	15	110	5.4
32.5	82	15	77	11	170	5.1
35.0	87	21	82	16	190	5.2
37.5	80	24	74	19	240	4.7
40.0	79	18	74	13	260	4.5
42.5	68	17	64	12	280	4.3
45.0	70	23	65	18	340	4.1
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

/DEBBIE / 690818 / 11780 / 667 / 1310-1320 / 0 / 24 / 54 / 560 /

/11 / 300 / 215 / SW / 7 / 215 / 0 / 971 / 67 / 72 / 20.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	6	3	11	8	-230	14.4
7.5	17	-4	22	-1	-200	14.1
10.0	25	-2	30	2	-170	14.4
12.5	31	-2	36	3	-100	13.3
15.0	54	-31	59	-28	-90	12.7
17.5	57	-31	63	-27	-80	11.4
20.0	67	-17	72	-13	-10	11.0
22.5	64	3	69	7	20	10.9
25.0	58	22	63	26	50	10.7
27.5	61	23	66	27	140	10.5
30.0	52	9	57	13	210	10.3
32.5	43	2	49	6	230	9.2
35.0	47	-7	52	-1	260	7.7
37.5	50	-7	55	-3	270	7.6
40.0	43	-7	48	-3	290	7.4
42.5	35	-5	40	-1	330	6.0
45.0	36	-8	41	-4	370	5.2
47.5	36	-14	41	-10	380	5.1
50.0	33	-12	38	-8	380	5.0

/DEBBIE / 690818 / 11780 / 667 / 1225-1240 / 1 / 24 / 54 / 559 /

/11 / 300 / 310 / SE / 6 / 150 / 0 / 971 / 74 / 72 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	10	-7	12	-1	-260	15.1
7.5	22	-5	23	2	-250	15.1
10.0	34	-19	34	-11	-240	15.9
12.5	40	-10	39	-3	-210	15.7
15.0	45	-7	44	0	-150	15.4
17.5	52	-13	50	-7	-110	14.6
20.0	66	-15	64	-9	-70	12.1
22.5	71	-1	69	5	0	11.8
25.0	74	4	72	11	60	11.2
27.5	70	2	67	8	130	11.6
30.0	68	-10	65	-4	130	10.9
32.5	67	-11	64	-4	190	8.1
35.0	64	-13	60	-7	220	6.5
37.5	65	-14	61	-8	220	6.1
40.0	59	-13	56	-7	260	6.8
42.5	58	-10	55	-4	270	6.8
45.0	63	-2	59	4	290	6.7
47.5	66	-3	63	3	330	5.9
50.0	61	0	57	6	360	6.1

/DEBBIE / 690818 / 11780 / 667 / 1345-1359 / 1 / 24 / 54 / 561 /

/11 / 300 / 325 / NW / 1 / 325 / 0 / 971 / 72 / 76 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	15	2	16	-4	-280	13.5
7.5	22	7	24	1	-260	13.8
10.0	25	10	27	3	-210	13.6
12.5	32	6	34	0	-210	13.1
15.0	43	9	46	3	-180	10.6
17.5	51	25	54	13	-160	9.6
20.0	61	41	65	36	-100	8.9
22.5	72	34	76	29	0	8.7
25.0	72	25	76	20	90	7.9
27.5	71	12	75	7	170	6.9
30.0	62	-6	67	-11	250	5.5
32.5	50	4	55	-1	260	5.0
35.0	52	2	57	-2	270	4.9
37.5	42	0	47	-5	280	5.3
40.0	45	12	50	8	280	5.0
42.5	50	18	55	13	300	4.7
45.0	46	23	51	19	310	4.6
47.5	46	11	51	7	340	4.4
50.0	44	13	49	9	360	4.0

STORM 22

LEVEL 1

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-O	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DEBBIE	690918	11780	667	1241-1253	O	24	54	300	11	20	N	3	20	558	0	971	83	22.5	83
DEBBIE	690918	11780	667	1225-1240	I	24	54	300	11	310	SE	6	150	559	0	971	74	25.0	72
DEBBIE	690918	11780	667	1310-1320	O	24	54	300	11	215	SW	7	215	560	0	971	67	20.0	72
DEBBIE	690918	11780	667	1345-1359	I	24	54	300	11	325	NW	1	325	561	0	971	72	22.5	76

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	12	-1	13	3	-254	14.2	170
7.5	21	0	22	1	-240	14.3	485
10.0	30	-2	31	-2	-205	13.9	959
12.5	37	0	37	0	-170	13.2	1469
15.0	49	-4	49	-4	-134	12.0	2430
17.5	55	-1	55	-1	-106	11.3	3105
20.0	66	5	67	5	-57	10.2	4492
22.5	75	15	75	16	-7	9.6	5771
25.0	73	19	74	20	56	9.0	5569
27.5	72	14	72	14	126	8.8	5287
30.0	65	3	65	3	171	8.1	4353
32.5	61	2	61	2	210	6.9	3965
35.0	63	0	63	1	233	6.1	4210
37.5	59	0	59	0	251	5.9	3800
40.0	57	2	57	2	271	5.9	3459
42.5	53	4	53	4	294	5.5	2969
45.0	54	8	54	9	326	5.2	3133
47.5	50	0	52	1	354	5.1	2694
50.0	47	2	49	3	364	5.0	2349

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	15	-1	16	2	-249	14.2	275
7.5	22	-0	23	0	-233	14.2	551
10.0	30	-1	30	-0	-204	13.8	985
12.5	38	-1	39	-1	-169	13.0	1588
15.0	48	-2	48	-2	-136	12.1	2388
17.5	56	0	56	0	-101	11.2	3273
20.0	66	6	66	7	-52	10.3	4507
22.5	72	14	72	14	4	9.6	5404
25.0	73	17	73	17	61	9.1	5457
27.5	70	12	71	12	121	8.7	5096
30.0	65	5	66	5	168	7.9	4442
32.5	62	2	63	3	205	7.0	4146
35.0	62	1	62	1	230	6.3	4092
37.5	59	1	59	1	251	6.0	3788
40.0	56	2	56	2	272	5.8	3419
42.5	54	5	54	5	296	5.5	3123
45.0	54	6	54	6	324	5.2	3159
47.5	49	1	51	3	348	5.2	2580
50.0	47	2	49	3	359	5.0	2426

STORM 22

LEVEL 2

PRES ALT TIME IN

STORM / DATE / FEET / MB. / INTERVAL /OUT/ LAT/LONG/ ID /

STORM TRUE OCTANT AZMTH IN PER CENT MAX WINDS RADIUS

SPD/ DIR / HDG /NOTH/STM/ANGLE/EYERAD/ PRES/ACTUAL/REL /MAX WD/

/DEBBIE / 690820 / 11790 / 667 / 1540-1600 / 0 / 25 / 64 / 562

/11 / 305 / 30 / NE / 3 / 35 / 0 / 950 / 99 / 88 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	34	-3	23	1	-790	14.5
7.5	53	-1	42	0	-730	13.1
10.0	64	7	52	8	-650	11.1
12.5	82	10	71	11	-490	9.0
15.0	84	10	73	9	-370	8.7
17.5	73	15	68	14	-290	8.6
20.0	84	8	73	7	-190	8.5
22.5	99	14	88	13	-100	7.0
25.0	97	8	86	7	-60	6.7
27.5	90	9	79	8	0	6.5
30.0	84	6	73	5	60	6.2
32.5	80	5	70	3	110	6.1
35.0	78	6	66	2	160	6.0
37.5	75	7	62	2	200	6.1
40.0	73	4	58	1	230	6.0
42.5	69	2	55	1	265	5.9
45.0	64	3	52	2	300	5.8
47.5	60	4	49	3	330	5.7
50.0	61	3	50	2	350	6.6

/DEBBIE / 690820 / 11780 / 667 / 1635-1645 / 0 / 25 / 64 / 564 /

/11 / 305 / 215 / SW / 7 / 215 / 0 / 950 / 73 / 83 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	17	0	28	0	-800	14.7
7.5	40	3	51	5	-750	13.3
10.0	61	10	72	13	-620	10.5
12.5	64	6	75	9	-490	8.2
15.0	57	0	68	3	-360	7.7
17.5	58	-2	68	0	-270	8.0
20.0	61	2	72	5	-230	8.4
22.5	67	-6	78	-3	-120	8.8
25.0	73	2	83	5	-50	7.9
27.5	69	0	79	3	0	7.7
30.0	62	3	73	6	40	7.9
32.5	54	0	65	3	90	7.7
35.0	54	-3	65	0	150	6.9
37.5	57	1	68	3	180	6.9
40.0	53	6	64	9	200	6.7
42.5	49	5	59	7	220	7.0
45.0	50	3	61	5	250	6.9
47.5	47	1	58	4	300	6.5
50.0	49	5	60	7	310	6.4

/DEBBIE / 690820 / 11780 / 667 / 1400-1410 / 1 / 25 / 64 / 563

/11 / 305 / 220 / SE / 5 / 125 / 0 / 950 / 91 / 91 / 25.0

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	25	-11	31	-1	-790	13.9
7.5	47	-10	51	1	-700	11.7
10.0	74	-10	76	1	-590	10.1
12.5	82	-6	84	5	-490	8.5
15.0	73	-9	74	3	-360	8.3
17.5	72	-6	72	6	-270	8.4
20.0	74	-11	75	1	-220	8.4
22.5	89	-17	90	-6	-150	7.6
25.0	91	-17	91	-6	-60	7.5
27.5	84	-20	85	-8	0	7.4
30.0	79	-15	79	-4	30	7.3
32.5	78	-12	78	-1	90	7.2
35.0	76	-13	75	-1	130	7.2
37.5	72	-10	72	2	190	7.1
40.0	70	-9	70	3	210	6.9
42.5	62	-10	61	2	250	6.7
45.0	67	-11	67	0	270	6.9
47.5	67	-13	66	-2	300	7.1
50.0	62	-2	62	10	310	7.0

/DEBBIE / 690820 / 11780 / 667 / 1430-1440 / 1 / 25 / 64 / 565 /

/11 / 305 / 130 / W / 1 / 285 / 0 / 950 / 90 / 91 / 22.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	18	11	23	0	-770	12.4
7.5	27	16	31	5	-700	11.9
10.0	58	15	62	4	-670	10.5
12.5	69	11	72	-1	-540	10.3
15.0	75	10	74	-1	-400	9.7
17.5	80	9	76	-2	-300	9.6
20.0	85	8	86	-2	-240	9.5
22.5	90	7	91	-3	-170	9.3
25.0	87	7	89	-4	-130	7.2
27.5	84	16	85	4	-40	6.9
30.0	79	16	80	4	60	6.8
32.5	77	11	79	-1	90	6.9
35.0	76	6	78	-5	100	5.4
37.5	70	13	72	1	190	5.3
40.0	67	11	69	-1	230	5.2
42.5	61	14	63	2	240	5.0
45.0	999	999	999	999	310	4.8
47.5	999	999	999	999	999	999.0
50.0	999	999	999	999	999	999.0

STORM 22
LEVEL 2

STORM	DATE	ZLVL	PLVL	TIME INTERVAL	I-D	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DEBBIE	680820	11730	667	1540-1600	D	25	64	305	11	30	NL	3	35	562	0	950	99	22.5	98
DEBBIE	680820	11730	667	1600-1610	I	25	64	305	11	290	SE	5	125	563	0	950	91	25.0	91
DEBBIE	680820	11730	667	1635-1645	D	25	64	305	11	215	SW	7	215	564	0	950	73	25.0	83
DEBBIE	680820	11730	667	1630-1640	I	25	64	305	11	130	W	1	285	565	0	950	90	22.5	91

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	23	-0	26	0	-784	13.9	622
7.5	42	1	43	2	-719	12.5	1870
10.0	64	5	64	6	-633	10.6	4174
12.5	74	5	75	6	-502	9.0	5649
15.0	72	3	72	3	-372	8.7	5420
17.5	72	4	70	4	-287	8.7	5377
20.0	76	1	76	2	-216	8.7	5962
22.5	87	0	87	0	-134	8.2	7725
25.0	87	0	87	0	-75	7.3	7760
27.5	82	1	81	1	-10	7.1	6835
30.0	76	2	76	2	48	7.0	5934
32.5	72	1	73	0	95	6.7	5429
35.0	71	-0	71	-0	135	6.3	5225
37.5	69	2	68	1	190	6.3	4805
40.0	66	2	65	2	218	6.2	4451
42.5	60	2	59	2	244	6.1	3709
45.0	59	-0	59	2	283	6.1	3595
47.5	56	-1	56	2	311	6.3	3300
50.0	56	2	56	5	325	6.6	3256

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	30	0	31	0	-762	13.4	1038
7.5	44	2	45	3	-708	12.2	2238
10.0	62	4	62	5	-619	10.6	4059
12.5	71	4	71	5	-499	9.3	5194
15.0	72	3	71	4	-383	8.8	5353
17.5	73	3	72	4	-293	8.7	5517
20.0	78	1	78	2	-215	8.6	6291
22.5	85	0	84	1	-139	8.1	7375
25.0	85	0	85	1	-75	7.4	7433
27.5	81	1	81	1	-11	7.2	6759
30.0	76	1	76	2	44	6.9	6014
32.5	73	0	73	0	92	6.7	5524
35.0	71	0	70	0	138	6.4	5195
37.5	68	2	68	1	184	6.3	4814
40.0	65	2	64	2	216	6.2	4356
42.5	61	2	61	2	247	6.1	3894
45.0	59	-0	58	2	280	6.1	3558
47.5	57	-0	57	3	305	6.4	3354
50.0	56	1	56	4	318	6.6	3289

STORM 22
LEVEL 3

STORM	DATE	PRES ALT FEET	MB.	TIME INTERVAL	IN /OUT/	LAT/LONG	ID

STORM SPD	TRUE DIR	HDG	OCTANT /NOTH/STM/	AZMTH ANGLE	IN PER CENT EYERAD	MAX WINDS PRES/ACTUAL	RADIUS /REL /MAX WD/

/DEBBIE / 690820 / 11780 / 667 / 1105-1120 / 0 / 25 / 64 / 566 /DEBBIE / 690820 / 11780 / 667 / 1050-1105 / 0 / 25 / 64 / 568 /

/11 / 305 / 150 / N / 3 / 15 / 0 / 954 / 99 / 87 / 12.5 /11 / 305 / 15 / S / 6 / 185 / 0 / 954 / 73 / 85 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	36	9	24	3	-790	14.7	5.0	16	-7	29	-3	-820	15.1
7.5	60	11	48	5	-720	14.3	7.5	60	-19	71	-13	-700	12.3
10.0	88	16	77	9	-630	11.5	10.0	71	-17	82	-11	-530	10.5
12.5	99	4	87	-2	-450	9.3	12.5	73	-11	85	-5	-360	9.7
15.0	90	6	78	0	-340	8.5	15.0	64	-11	76	-5	-270	8.5
17.5	83	5	71	0	-270	8.3	17.5	61	-12	72	-6	-190	8.5
20.0	89	7	77	2	-180	8.5	20.0	56	-6	65	0	-120	8.3
22.5	95	8	83	3	-90	8.4	22.5	60	0	72	6	-60	8.4
25.0	92	16	80	11	-40	8.3	25.0	65	-7	77	-1	-10	7.2
27.5	89	9	77	4	30	7.1	27.5	64	-9	76	-4	50	6.7
30.0	86	7	74	2	80	6.8	30.0	63	-6	75	-1	100	6.3
32.5	83	9	71	4	130	6.7	32.5	56	-8	69	-4	130	5.9
35.0	79	9	67	3	180	6.9	35.0	53	-9	65	-4	160	5.6
37.5	76	8	64	3	200	6.0	37.5	54	-7	66	-2	220	5.3
40.0	76	14	64	9	240	5.6	40.0	49	-7	61	-2	230	5.4
42.5	74	13	62	8	270	5.5	42.5	44	-9	56	-4	260	5.4
45.0	66	9	54	4	320	5.4	45.0	44	-7	56	-2	300	5.5
47.5	63	14	51	9	330	4.8	47.5	38	-5	50	0	330	5.9
50.0	60	17	48	13	370	4.7	50.0	39	-6	51	-1	330	5.7

/DEBBIE / 690820 / 11780 / 667 / 1000-1015 / 1 / 25 / 64 / 567 /DEBBIE / 690820 / 11780 / 667 / 945-1000 / 1 / 25 / 64 / 569 /

/11 / 305 / 120 / SE / 5 / 120 / 0 / 954 / 89 / 89 / 15.0 /11 / 305 / 120 / NW / 1 / 290 / 0 / 954 / 85 / 88 / 12.5

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ
5.0	26	-7	30	4	-830	16.7	5.0	20	10	21	-1	-920	14.3
7.5	39	-6	40	5	-770	15.4	7.5	42	9	44	-2	-750	11.6
10.0	62	0	63	11	-700	13.9	10.0	71	8	73	-2	-650	10.5
12.5	85	4	85	15	-560	10.7	12.5	95	8	88	-2	-510	9.9
15.0	93	0	89	12	-410	9.8	15.0	84	5	87	-5	-330	8.8
17.5	86	1	85	12	-310	9.3	17.5	77	9	80	-1	-240	8.6
20.0	83	-2	81	9	-220	9.5	20.0	66	13	69	3	-140	8.5
22.5	77	-3	75	8	-130	9.1	22.5	64	15	67	6	-70	8.4
25.0	80	-1	78	10	-90	8.3	25.0	71	20	73	10	-40	8.7
27.5	86	-6	84	5	-20	6.7	27.5	74	20	75	10	40	7.6
30.0	82	-4	79	7	40	6.2	30.0	75	4	76	-6	80	6.5
32.5	79	-8	77	3	90	6.4	32.5	69	7	71	-4	130	6.1
35.0	75	-8	73	3	130	6.5	35.0	63	6	64	-4	160	5.9
37.5	72	-7	70	4	160	6.0	37.5	63	11	64	1	200	5.6
40.0	72	-10	69	2	200	5.6	40.0	61	15	62	5	220	5.3
42.5	70	-5	68	6	230	4.9	42.5	59	14	60	4	260	5.7
45.0	71	-4	68	7	270	4.6	45.0	57	2	58	-7	260	5.3
47.5	72	-4	70	7	280	5.1	47.5	59	3	60	-7	300	5.4
50.0	69	-3	67	9	290	4.8	50.0	55	5	56	-5	290	5.3

STORM 22

LEVEL 3

STORM	DATE	PLVL	PLVL	TIME INTERVAL	I-D	LAT	LONG	STORM DIR	STORM SPD	TH	QN	QSTM	ARL	ID	RDR EYE RADIUS	CENT. PRES	VATX	RMW	VRTX
DEBBIE	630820	11700	667	1105-1120	D	25	64	305	11	150	N	3	15	566	0	954	99	12.5	87
DEBBIE	630820	11700	667	1000-1015	I	25	64	305	11	120	SE	5	120	567	0	954	89	15.0	89
DEBBIE	630820	11700	667	1050-1105	D	25	64	305	11	15	S	6	185	568	0	954	73	12.5	85
DEBBIE	630820	11700	667	945-1000	I	25	64	305	11	120	NW	1	290	569	0	954	85	12.5	89

UNSMOOTHED WEIGHTED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	24	1	25	0	-814	15.2	667
7.5	50	-0	50	-1	-734	13.4	2624
10.0	73	2	73	1	-628	11.6	5471
12.5	85	1	86	1	-470	9.9	7457
15.0	82	0	82	0	-337	8.9	6836
17.5	76	1	76	1	-250	8.7	6007
20.0	73	3	72	3	-164	8.7	5606
22.5	74	5	74	5	-87	8.6	5712
25.0	77	7	76	7	-44	8.1	6072
27.5	78	4	77	3	25	7.0	6248
30.0	76	0	75	0	75	6.5	5960
32.5	71	0	71	-0	120	6.3	5288
35.0	67	-0	67	-0	158	6.2	4685
37.5	66	1	65	1	195	5.7	4484
40.0	64	3	63	3	222	5.5	4297
42.5	62	3	61	3	255	5.4	3977
45.0	59	0	58	0	287	5.2	3654
47.5	58	2	57	2	310	5.3	3530
50.0	55	3	55	3	320	5.1	3231

SMOOTHED VORTEX AVERAGES

RADIUS	VAT	VAR	VRT	VRR	D-VALUES	TADJ	VAT2
5.0	33	0	34	0	-787	14.6	1319
7.5	51	0	52	-0	-721	13.2	3010
10.0	71	1	71	1	-612	11.6	5352
12.5	81	1	81	1	-472	10.1	6775
15.0	80	0	80	0	-349	9.1	6614
17.5	77	1	76	1	-253	8.8	6058
20.0	74	3	74	3	-167	8.7	5746
22.5	75	5	74	5	-96	8.5	5810
25.0	77	6	76	6	-40	8.0	6051
27.5	77	3	77	3	21	7.1	6127
30.0	75	1	75	1	73	6.6	5834
32.5	71	0	71	0	118	6.3	5274
35.0	68	0	67	0	157	6.1	4782
37.5	66	1	65	1	192	5.8	4511
40.0	64	3	63	3	223	5.5	4270
42.5	62	2	61	2	255	5.4	3970
45.0	59	1	59	1	285	5.3	3702
47.5	58	2	57	2	306	5.2	3498
50.0	56	3	56	3	315	5.2	3320

W. M. GRAY'S FEDERALLY SUPPORTED RESEARCH PROJECT REPORTS ON TROPICAL CYCLONES SINCE 1967

CSU Dept. of Atmos. Sci. Report No.	Report Title, Author, Date, Agency Support
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114	Global View of the Origin of Tropical Disturbances and Storms (105pp.) W. M. Gray. October 1967. NSF Support.
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179	A Diagnostic Study of the Planetary Boundary Layer over the Oceans (95pp). W. M. Gray. February 1972. Navy and NSF Support.
188	Cumulus Convection and Larger-Scale Circulation, Part I: A Parametric Model of Cumulus Convection (100pp). R. E. Lopez. June 1972. NSF Support.
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