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SEVERE THUNDERSTORMS CASES OF JULY 1992 THROUGH JUNE 1993

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The National Severe Storms Forecast Center (NSSFC) has the responsibility for the issuance of tornado and severe thunderstorm watches for the contiguous 48 states. Watches are issued for those areas where thunderstorms are forecast to produce one or more of the following: (1) hailstones of 3/4 inch diameter or greater, (2) surface wind gusts of 50 knots or greater, or (3) tornadoes.

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- No. 7      Severe Thunderstorm Cases of 1984. John E. Hales, Jr. and Hugh G. Crowther, May 1985, 88 p., (PB85 210748/AS).

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## SEVERE THUNDERSTORM CASES OF JULY 1992 THROUGH JUNE 1993

KEVIN L. POLSTON  
JOHN E. HALES JR.

### ABSTRACT

Severe thunderstorm occurrences are relatively infrequent in much of the United States. As a result meteorologists only occasionally have an opportunity to forecast their development. This proves to be a problem as certainly one of the more important factors in anticipating severe thunderstorms is experience. Realizing the importance that experience plays and difficulty involved for a meteorologist to study past cases, a summary has been compiled of all the organized severe thunderstorm episodes for the period from July 1992 to June 1993. Included in each case were the times and locations of the severe weather reported along with specifics of the more noteworthy events. A composite of those parameters most frequently found to be associated with severe thunderstorms was included. Each case has a surface and 500mb analysis along with an infrared satellite photo. The objective was to give an overview to a forecaster as to what ingredients went into severe development with a more detailed analysis being left up to the individual.

### INTRODUCTION

More severe thunderstorms occur in the United States than in any other area of the world. Organized severe thunderstorm episodes can occur in any section of the country, and in any month of the year. The synoptic conditions that result in the development of these storms vary widely across the country. Severe storm climatology shows the episode frequency decreasing with distance from the center of the country, however only the Pacific coastal states lack a significant number of cases for any great concern.

One of the more important tools in forecasting severe thunderstorm episodes is experience. The more opportunities a meteorologist has in working a severe weather situation, the greater his skill and confidence becomes. Unfortunately, these episodes are infrequent enough that, with the exception of the most active areas in the central United States, an individual forecaster may only work a severe situation once or twice per year.

The usual technique for increasing ones experience base is to go back and examine the synoptic charts, particularly for cases with which the forecaster was not previously involved. This can be a rather difficult undertaking because charts of interest may not be readily available and/or organized in a systematic manner. This is the case at the NSSFC, but it is often so to a much greater extent at the local field offices.

The purpose of this publication is to identify and organize those severe thunderstorm episodes that occurred across the nation for the period from July 1992 through June 1993 into a handy and easy to use format such that a forecaster can readily review those cases that may be of interest to him. The selection procedure of the cases was not very restrictive and included most of the organized severe thunderstorm episodes that occurred nationally. In those areas where storms are rather infrequent, such as west of the Rocky Mountains, the selection threshold was somewhat lower.

#### **CASE FORMAT**

The basic approach in compiling the cases was to provide the interested forecaster with a comprehensive, but not excessive number of charts. The following is a description of what each chart included.

**DAILY ACTIVITY SUMMARY**—A plotting of all the severe reports that occurred in the country using SVRPLOT (Hart, 1992). A severe event is identified as hail equal or greater than 3/4" diameter, thunderstorm wind gusts of 50 kts and greater, and tornadoes. Also included is a table listing the daily total of severe events from the geographic region shown by the plot. At the top of the table is a total for the number of severe wind and hail reports that were observed for the past 24 hours ending at 6 AM CST. These events were then broken down into differing intensity categories with the number of events for the day appearing in the appropriate column. Below this is a summary of tornado activity listing the number of observed tornado segments and their corresponding F-Scale rating. Therefore, the actual number of tornadoes might be different when compared to the number of tornado segments given in the table.

**SIGNIFICANT EVENT SUMMARY**—On most days a chart will be included that depicts those significant events of the day. The criteria for listing a significant report would be F2 intensity (Fujita 1981) or greater tornadoes, wind gusts 65 knots or greater, and hail 2" diameter or larger. Also, tornadoes/wind damage/hail that result in at least 1 fatality, 1 or more injuries, and damage from any of these events that generally exceeds \$500,000 are included as significant events. Storms that resulted in damage in excess of about \$500,000 were included in the listing by category as used in Storm Data (U.S. Dept. of Commerce 1992 and 1993). The time of the events were always given in CST.

**COMPOSITE CHART**—The purpose of a composite is to represent on one chart those parameters important in producing severe thunderstorms. The basic composite is similar to that done in TR-200 (eg., Miller, 1972) with some modifications. Instead of using the 850 Td, the mean mixing ratio (solid line g/kg) was incorporated as a better representation of the low level moisture supply. The minimum value used for mixing ratio is always 8 g/kg. The relevant short wave trough (line of triangles) was taken from the 700 mb level rather



than 500 mb. This was done for two reasons: a) the 500 mb analysis being included in the study and b) a more frequent correlation of troughs at 700 mb with severe thunderstorm development. The polar and subtropical jet-stream is depicted by the maximum winds axis (broad solid line with arrowhead, speeds in knots) at the 250 mb level. The lifted index analysis (dashed line) used the lower 100 mb of moisture and was taken from the sounding data. Any areas of upper diffluence (zig zag line) and mid level drying (heavy dashed line), as well as the low level jet (line with arrow, speed in knots), as shown on the 850 mb analysis, are included.

**500 MB ANALYSIS**—The NMC operational 500 mb analysis using the observation time most relevant to the severe thunderstorm development was included.

**SOUNDINGS AND HODOGRAPHS**—The sounding and hodograph data used in the tech momo are analyzed and calculated using the SHARP Workstation (Hart and Korotky, 1991). Soundings and hodographs are incorporated into the data analysis to give a vertical snapshot of the structure and stratification of the air masses and wind fields. The soundings in closest proximity to the severe weather, temporally and spatially, were used. There are a few cases where not the most ideal site was used. This was because the sounding was unavailable or very little information was extracted from an abbreviated flight. The soundings were chosen to be more to the inflow side of the storms, if at all possible.

The use of sounding data has been known for a long time to be important in forecasting severe convection. Several different thermodynamic and energy indices are calculated from the sounding and are displayed on the left hand side of the plot. The most unstable parcel is lifted and shown with the trace to represent the positive and negative areas.

Vertical wind shear plays a critical role in determining the type (supercell, multicell, etc) of convection. By integrating the amount of streamwise vorticity through a given layer and then using an assumed storm motion of 30R75, storm relative helicity (SRH) is calculated. The hodographs shown in the cases are from 0-3 km. The 0-2 km and 0-3 km SRH are displayed on the left hand side of the hodograph display. While 30R75 is for a best case scenario for a given environment most storms will not turn or slow down as drastically as that. Therefore the helicity contours are overlaid on the hodograph to show SRH for a wide range of storm motions. This allows the meteorologist to see the possible SRH for varying storm motions. Storm relative inflow (Davies-Jones, 1984) is also crucial in the development of severe convection, especially for supercells and tornadoes. The storm inflow is plotted on the left hand side of the hodograph display to allow the meteorologist to see the amount of inflow for that particular environment. For a further review of hodographs and their connection to severe weather forecasting see Doswell (1992).

**TORNADO PLOT SUMMARY**-All tornadoes through the 12 month period are plotted using SVRPLOT. The tornado reports are plotted in three categories; (F0,F1), (F2,F3), and (F4,F5) respectively. The tornadoes are plotted using an inverted triangle symbol, or shown as a segment. The criteria used for differentiating between symbol and segment is that a tornado must travel three miles, move across county lines or move across state lines to be considered a segment. All killer tornadoes are plotted as well as all tornadoes that caused damage that was rated as category 6 (\$500,000 or more) or higher.

**HAIL PLOT SUMMARY**-Hail reports for the 12 month period are broken into four categories. The four categories include hail between .75"-1.25", 1.50"-2.75", 3.00"-4.25", and greater than or equal to 4.50". These categories were chosen to differentiate between the smaller and more common size hailstones and the more significant and damaging larger size hailstones of the severe spectrum. Hailstorms that caused \$500,000 or more of damage were also plotted.

**SEVERE WIND SUMMARY**-Reports of convective wind gusts were divided into 3 categories; those between 50-64 kt, 65-79 kt, and 80 kt and greater. Wind events that killed at least 1 person were plotted as well as reports of \$500,000 or more.

**SUMMARY**-The details of synoptic patterns that are associated with severe weather events are soon forgotten. However similar a severe weather situation appears to an earlier occurrence, there are always important differences. Having available the pertinent synoptic conditions that were present in a past situation should enable a forecaster to better identify future storm producing patterns.

**ACKNOWLEDGEMENTS**-We would like to express our thanks to certain individuals who assisted us in this effort. Many thanks go to NESDIS and in particular Phil Golden for supplying the majority of satellite pictures. Special thanks also go to Dave Higgenbotham of NSSFC for recalling much of the sounding data used in this project. We would also like to thank Janalee Snyder of NSSFC for her assistance in getting the material ready for publication.

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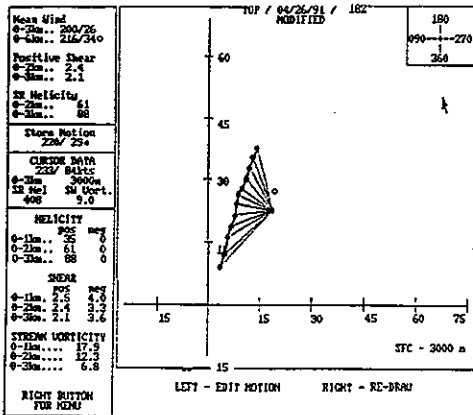
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No. 1	JULY 1	CO NE IA MN SD GA SC
No. 2	JULY 2	TX OK AR MO IL IN IA KY GA
No. 3	JULY 4	NE KS MO
No. 4	JULY 5	NY ME AL GA
No. 5	JULY 7	KS NE IA SD ND
No. 6	JULY 9	ND SD NE KS MO IL IN KY MN WV
No. 7	JULY 10	OH PA WV NJ OK KS MO
No. 8	JULY 12	OH
No. 9	JULY 13	PA OH MI IN IA KS OK
No. 10	JULY 14	IN OH NY CT
No. 11	JULY 15	PA NJ MD DE IA KS OK
No. 12	JULY 17	PA
No. 13	JULY 18	NC ND SD NE KS
No. 14	JULY 22	ID MT OR
No. 15	JULY 23	MT WY CO
No. 16	JULY 25	KS MO
No. 17	JULY 29	NE KS NY
No. 18	JULY 30	IN KY OH OK
No. 19	JULY 31	GA SC VA MD DE NJ NY
No. 20	AUGUST 2	TX
No. 21	AUGUST 3	KS OK AR AZ
No. 22	AUGUST 4	NE KS OK
No. 23	AUGUST 9	SD NE WI
No. 24	AUGUST 10	KS OK AR MO LA MS GA OH
No. 25	AUGUST 11	NC VA MD PA NJ CT AZ
No. 26	AUGUST 13	NE
No. 27	AUGUST 19	AZ
No. 28	AUGUST 25	WI IA LA
No. 29	AUGUST 26	MS LA AL
No. 30	AUGUST 27	AL GA TN OH
No. 31	AUGUST 28	MD DE PA NY
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No. 34	SEPTEMBER 5	OK KS
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No. 36	SEPTEMBER 7	KS MO OK IL WI
No. 37	SEPTEMBER 8	OK KS
No. 38	SEPTEMBER 9	OK MO IL IN OH
No. 39	SEPTEMBER 10	PA NY VT TX
No. 40	SEPTEMBER 16	MN
No. 41	SEPTEMBER 20	TX OK MO
No. 42	SEPTEMBER 21	TX OK AR
No. 43	SEPTEMBER 23	UT
No. 44	OCTOBER 3	FL
No. 45	OCTOBER 7	KS OK TX
No. 46	OCTOBER 8	WI MI IN OH
No. 47	OCTOBER 10	AR LA MS AL
No. 48	OCTOBER 15	TX OK
No. 49	OCTOBER 24	AZ
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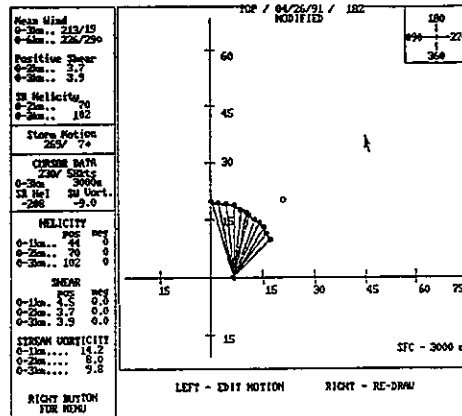
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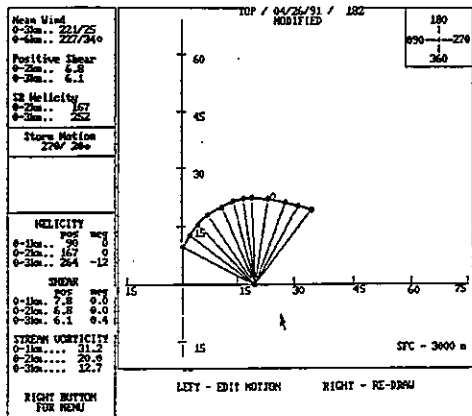
### Uni-Directional Speed Shear

- Speeds increase with height, while direction is generally the same.
- Usually associated with heavy rain/snow, with some potential for severe thunderstorms if sufficient instability exists.



### Directional Shear with constant speeds.

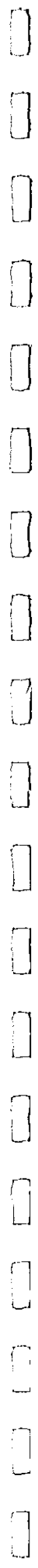
- Winds veer strongly with height, but speeds are generally constant.
- Often associated with severe thunderstorms, given sufficient instability.



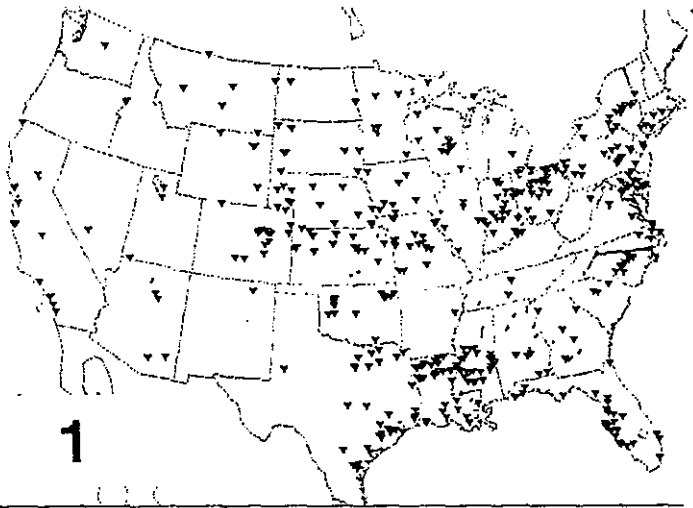
### Directional and Speed Shear.

- Winds veer and increase with height.
- Usually associated with strong synoptic scale systems, with low-level warm advection affecting area. Severe thunderstorms are likely given sufficient instability.

### HODOGRAPH AND ASSOCIATED WIND PROFILES FOR VARYING TYPES OF SHEAR.



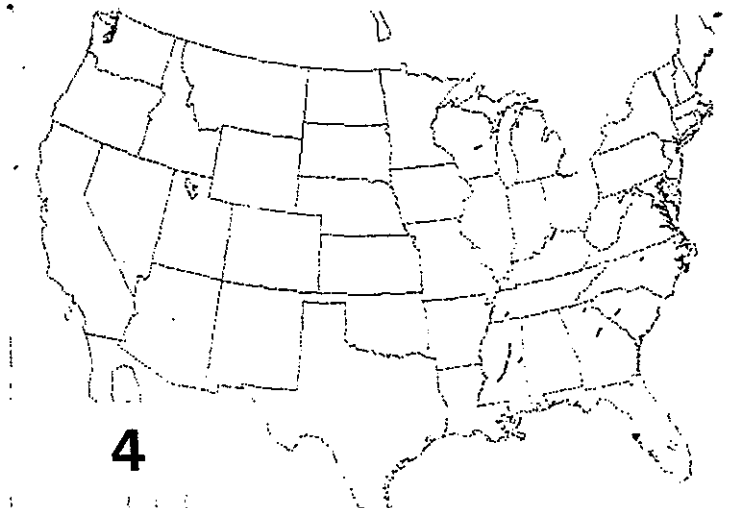




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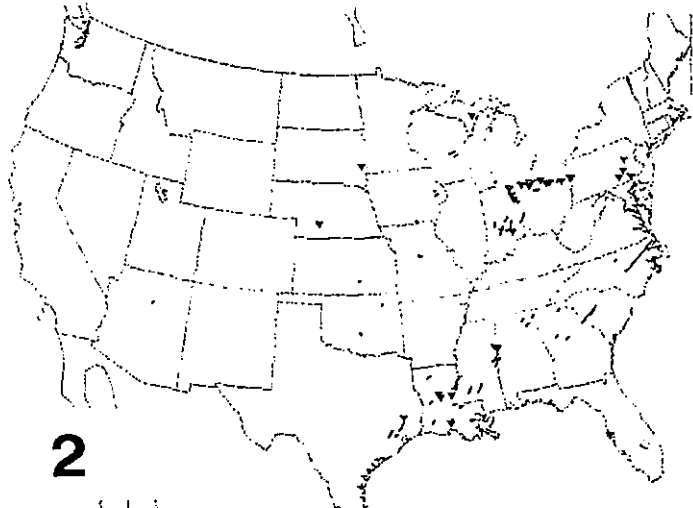
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Injuries	17	101	0	0	0	0	118



**4**

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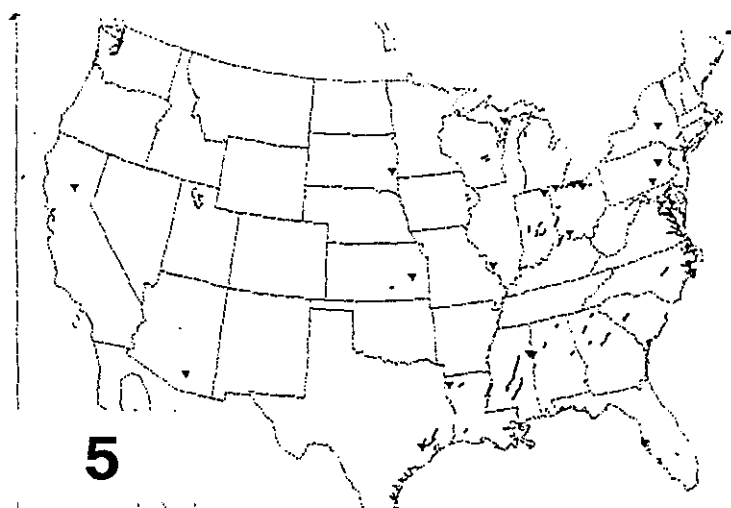
	F0	F1	F2	F3	F4	F5	TOT
Segments	0	2	2	6	6	0	16
Fatalities	0	3	2	10	18	0	33
Injuries	0	3	1	163	205	0	372



**2**

0000CST 07/01/92 - 2359CST 06/30/93 NO DATA FOUR

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	84	42	0	0	126
Fatalities	0	0	2	10	0	0	12
Injuries	0	0	203	387	0	0	590



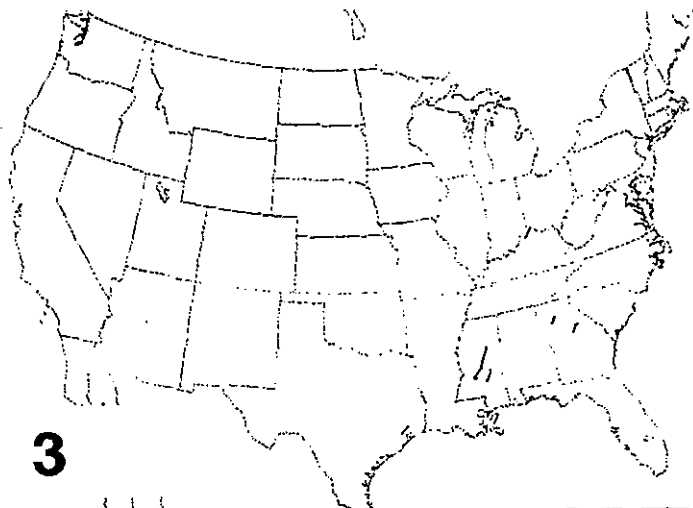
**5**

0000CST 07/01/92 - 2359CST 06/30/93 NO DATA FOUR

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	19	32	27	16	0	95
Fatalities	0	0	1	8	18	0	27
Injuries	2	26	102	356	298	0	784

JULY 1, 1992 - JUNE 30, 1993

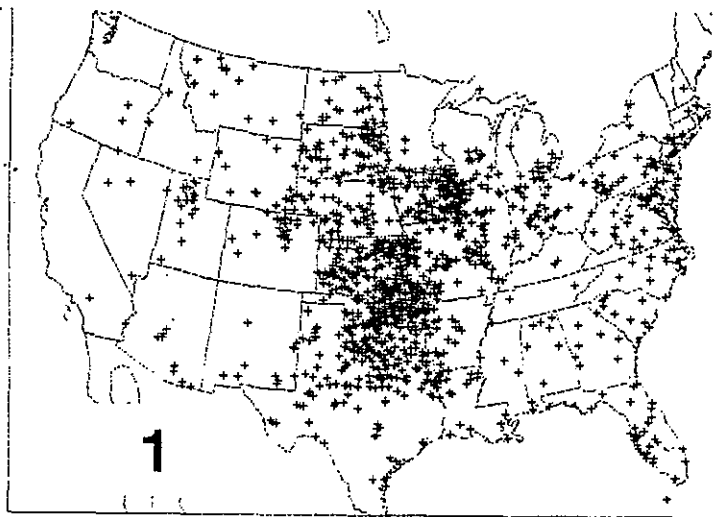
- 1) F0 - F1 TORNADOES
- 2) F2 - F3 TORNADOES
- 3) F4 - F5 TORNADOES
- 4) KILLER TORNADOES
- 5) TORNADOES CAUSING \$1MILLION OR MORE DAMAGE



**3**

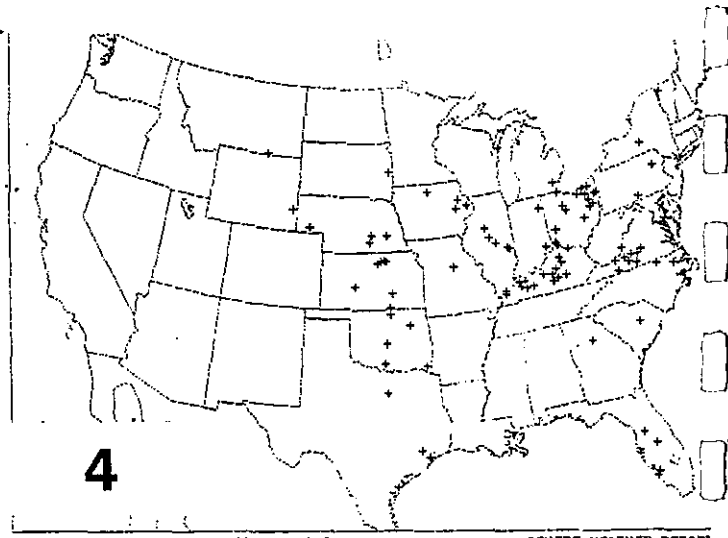
0000CST 07/01/92 - 2359CST 06/30/93 NO DATA FOUR

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	17	0	17
Fatalities	0	0	0	0	18	0	18
Injuries	0	0	0	0	299	0	299



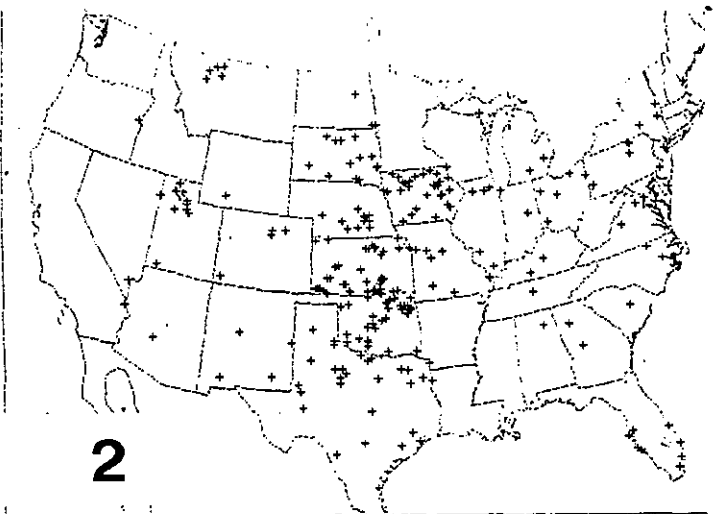
0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORT

	WINDG	50	60	70	80	90	TOT
Wind	0	1288	291	0	0	0	1579
Fatalities	0	1	1	0	0	0	2
Injuries	0	16	16	0	0	0	32



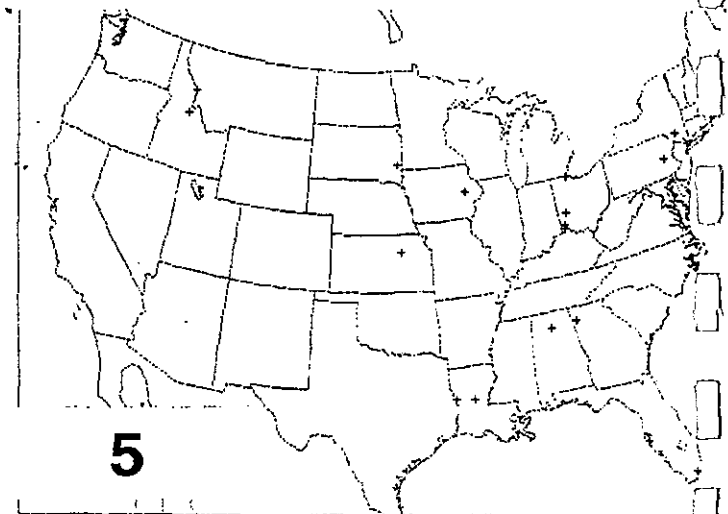
0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORT

	WINDG	50	60	70	80	90	TOT
Wind	53	6	12	10	10	4	95
Fatalities	1	1	0	0	1	0	3
Injuries	75	3	16	14	24	18	150



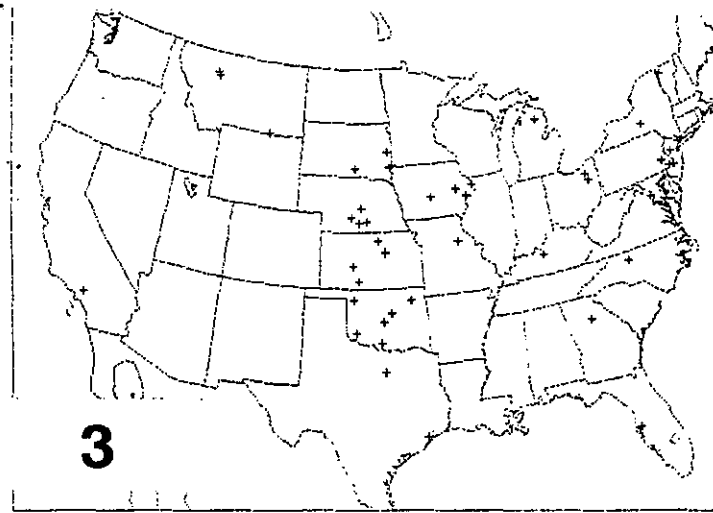
0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORT

	WINDG	50	60	70	80	90	TOT
Wind	0	0	110	142	0	0	252
Fatalities	0	0	0	1	0	0	1
Injuries	0	0	6	20	0	0	26



0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORT

	WINDG	50	60	70	80	90	TOT
Wind	13	1	1	2	1	0	17
Fatalities	15	1	1	1	1	0	19
Injuries	9	1	0	1	2	0	13

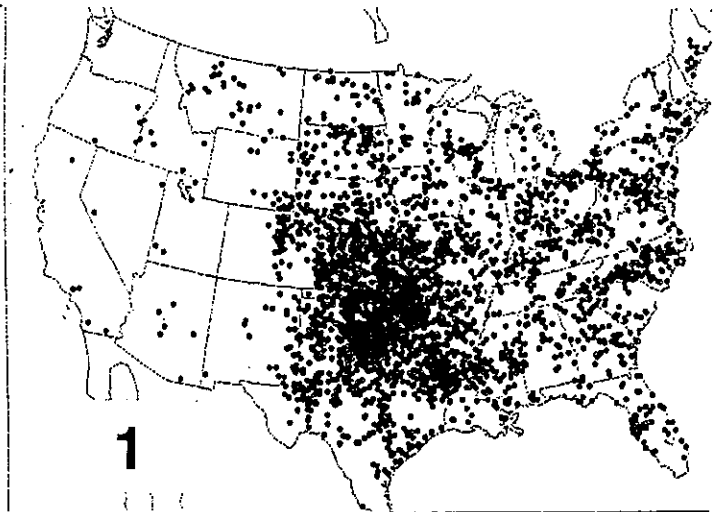


0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORTS

	WINDG	50	60	70	80	90	TOT
Wind	0	0	0	0	35	9	44
Fatalities	0	0	0	0	1	0	1
Injuries	0	0	0	0	24	18	42

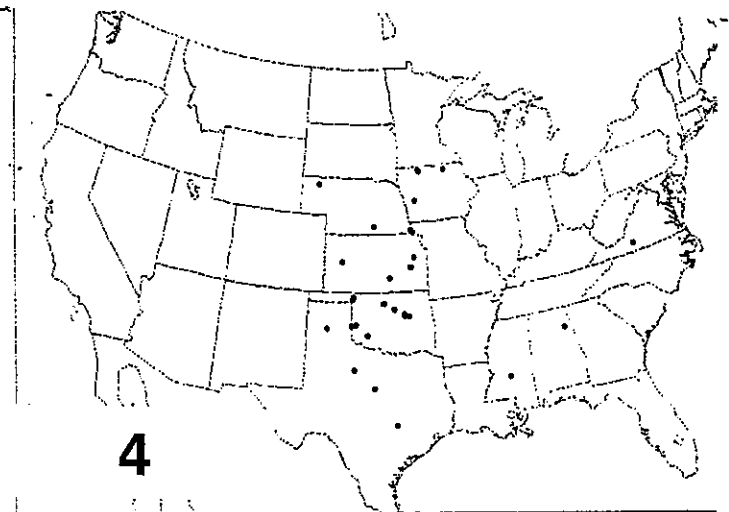
JULY 1, 1992 - JUNE 30, 1993

- 1) 50 KT - 64 KT WIND
- 2) 65 KT - 79 KT WIND
- 3) 80 KT AND GREATER WIND
- 4) WIND DAMAGE - \$1MILLION OR MORE
- 5) WINDS THAT KILLED 1 OR MORE



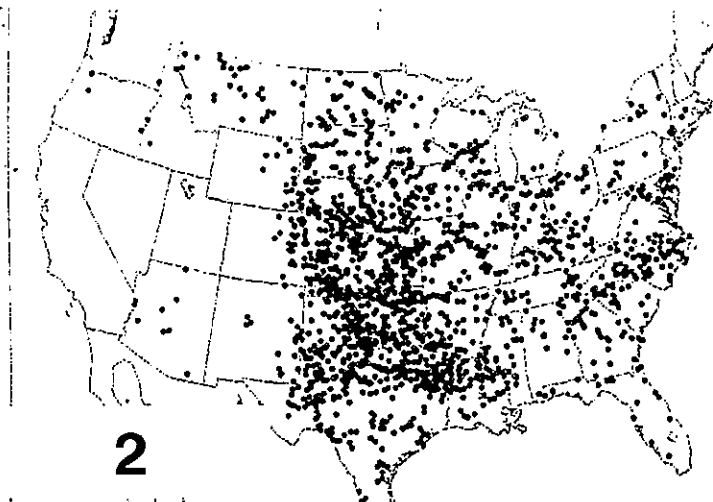
0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORT

	075	100	150	200	300	400	TOT
Hail	2559	1293	0	0	0	0	3852
Fatalities	0	0	0	0	0	0	0
Injuries	0	4	0	0	0	0	4



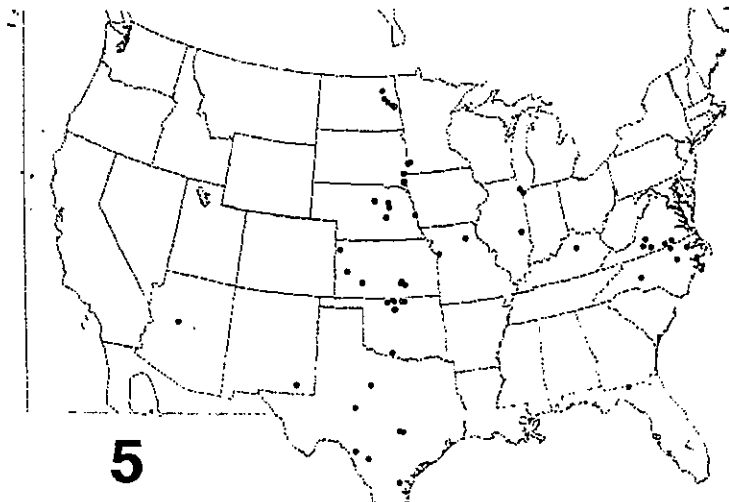
0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORT

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	31	31
Injuries	0	0	0	0	0	0	0



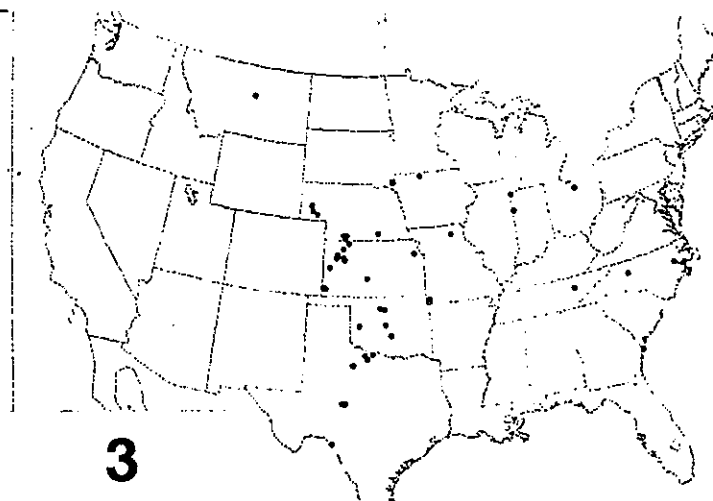
0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORT

	075	100	150	200	300	400	TOT
Hail	0	0	1640	372	0	0	2012
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	8	3	0	0	11



0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORT

	075	100	150	200	300	400	TOT
Hail	2	6	25	18	4	3	58
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	1	1	0	0	2



0000CST 07/01/92 - 2359CST 06/30/93 SEVERE WEATHER REPORTS

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	27	10	47
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

JULY 1 1992 - JUNE 30 1993

- 1) .75" - 1.25" HAIL
- 2) 1.50" - 2.75" HAIL
- 3) 3.00" - 4.25" HAIL
- 4) 4.50" AND GREATER HAIL
- 5) \$1MILLION OR MORE DAMAGE FROM HAIL

# CASE NO.1

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
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0600CST 07/01/92 - 0600CST 07/02/92

0600CST 07/01/92 - 0600CST 07/02/92

Total Non-Tornadic Reports: 34

Large Hail Reports... 21      Damaging Wind Reports... 13

Total Non-Tornadic Reports: 72

Large Hail Reports... 3      Damaging Wind Reports... 69

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	7	2	7	5	0	0	21
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	2	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	6	3	2	0	2	0	13
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	63	5	1	0	0	0	69
Fatalities	0	0	0	0	0	0	0
Injuries	5	0	0	0	0	0	5

Number of Tornado Segments: 6

### TORNADO SEGMENTS

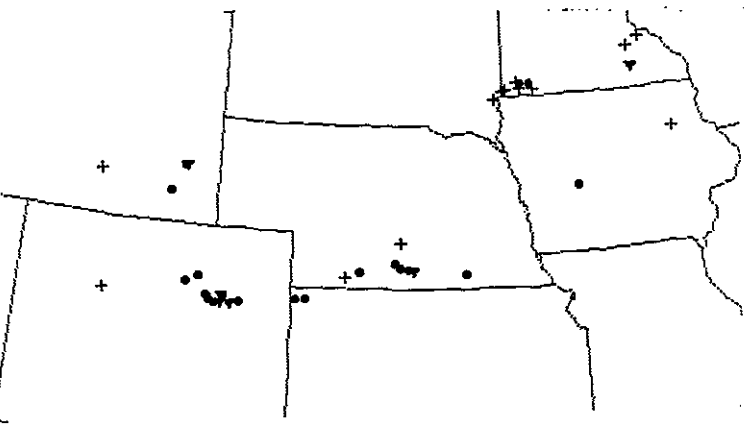
	F0	F1	F2	F3	F4	F5	TOT
Segments	6	0	0	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 1

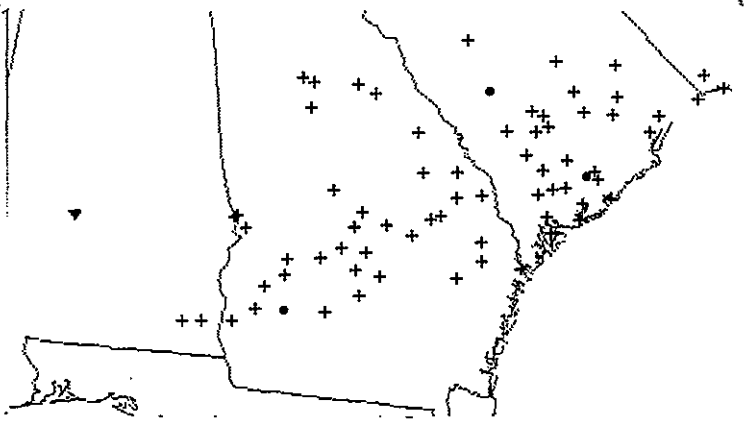
### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

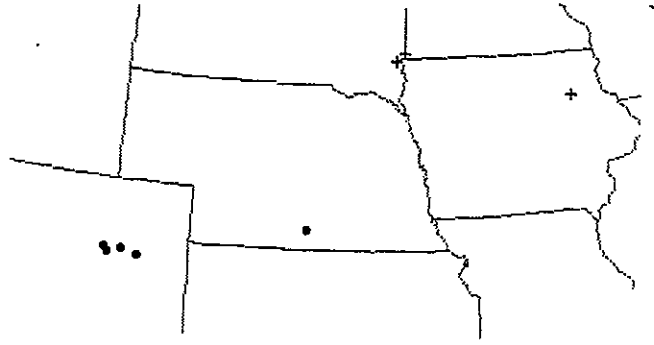
## ALL SEVERE REPORTS



## ALL SEVERE REPORTS



SIGNIFICANT EVENT MAP



WEDNESDAY JULY 1ST, 1992

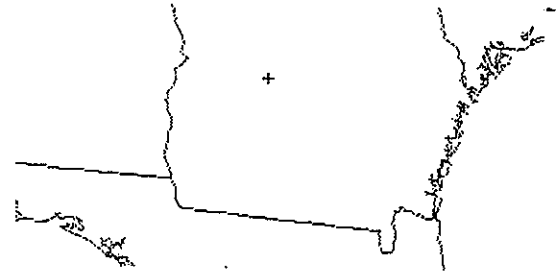
**COLORADO STATES**

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUL 1	1749	2.00 INCH	CO	ARAPAHOE..PEORIA	-	----
JUL 1	1750	2.00 INCH	CO	ARAPAHOE..BYERS	-	----
JUL 1	1845	2.50 INCH	CO	CHANCE..8 W LAST CHANCE	-	----
JUL 1	2030	2.00 INCH	CO	WASHINGTON..5 SE LONDON	-	----
JUL 2	0115	2.75 INCH	NE	FRANKLIN..HILDRETH	-	----
5 TOTAL					-	----

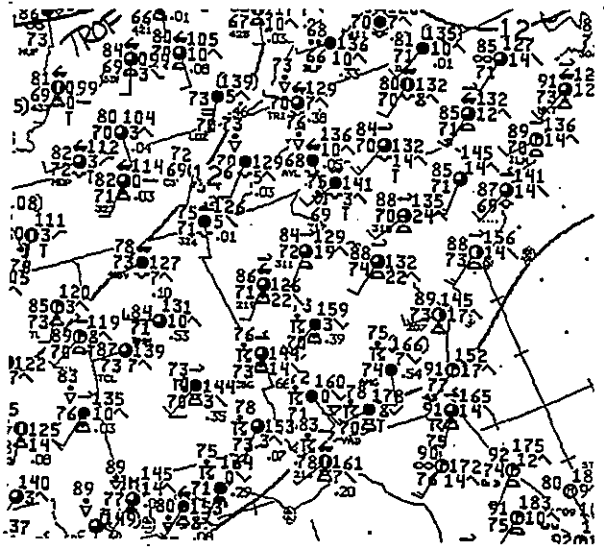
**NEIGHBORING STATES**

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUL 1	1315	WIND DAMAGE	GA	CRISP..VIENNA	-	-	----
JUL 1	2100	92 MPH GUST	SD	LINCOLN..HARRISBURG	-	-	----
JUL 1	2130	92 MPH GUST	SD	MINNEHAHA..VALLEY SPGS	-	-	----
JUL 2	0430	75 MPH GUST	IA	FAYETTE..OELWEIN	-	-	----
4 TOTAL					-	-	----

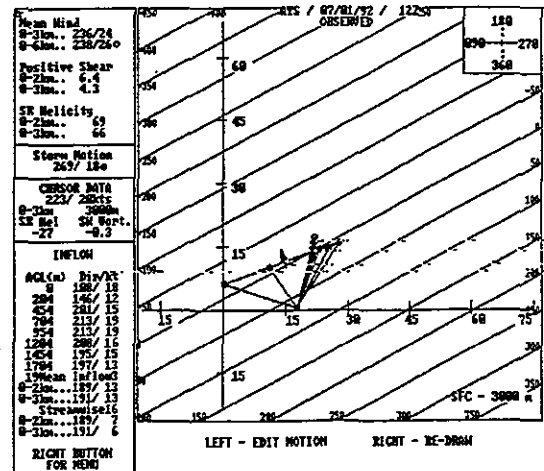
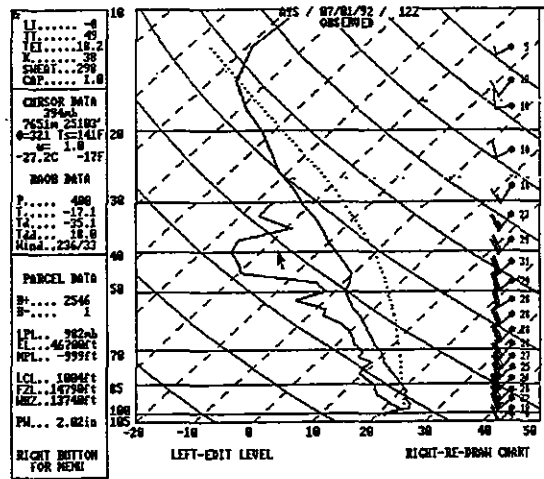
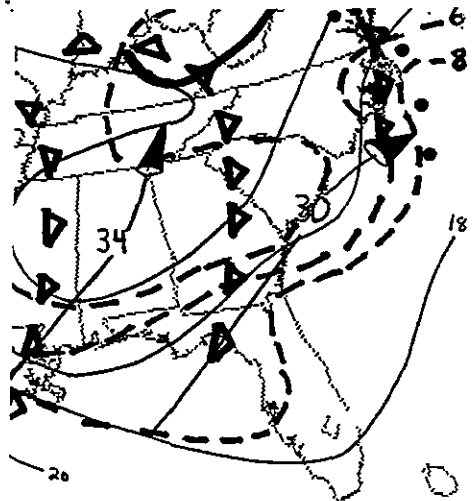
SIGNIFICANT EVENT MAP

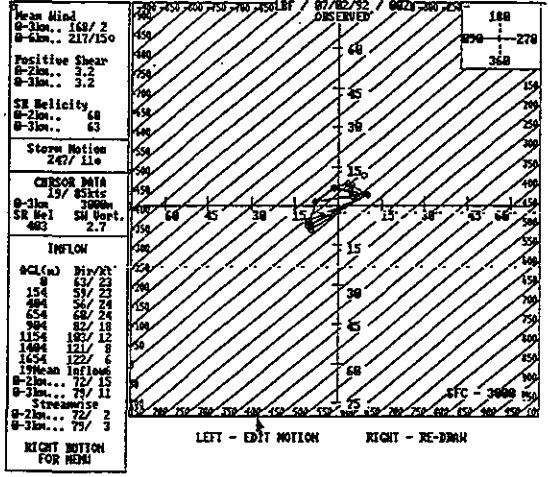
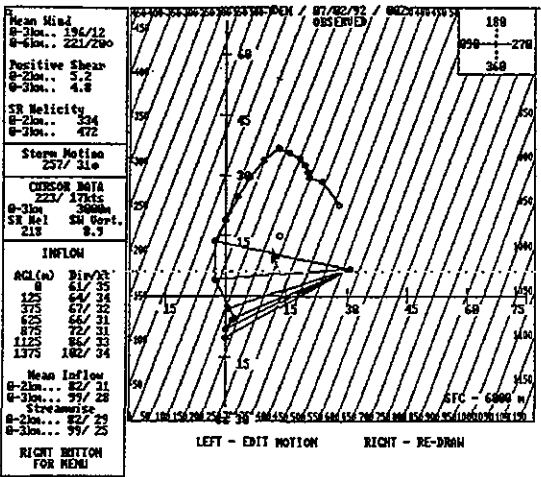
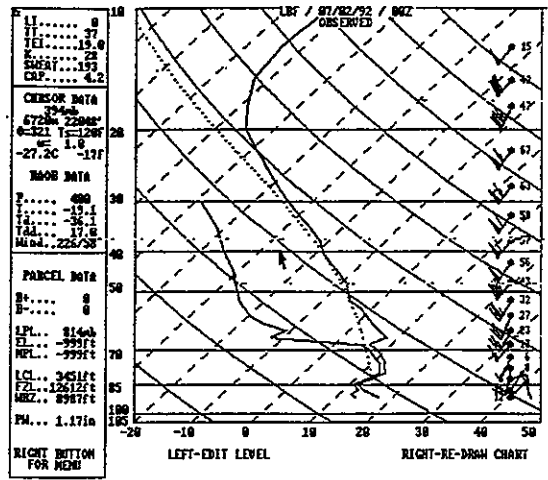
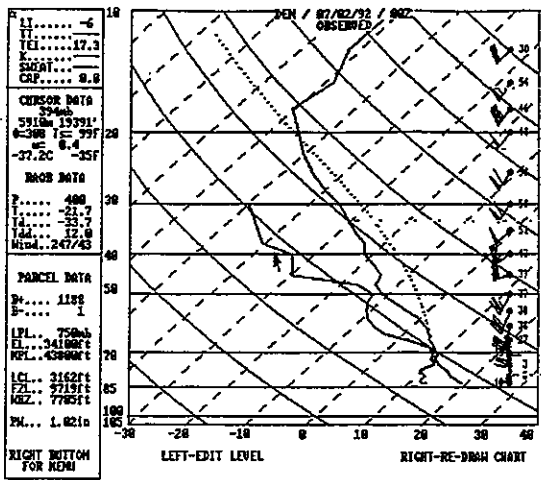


SURFACE MAP 18Z

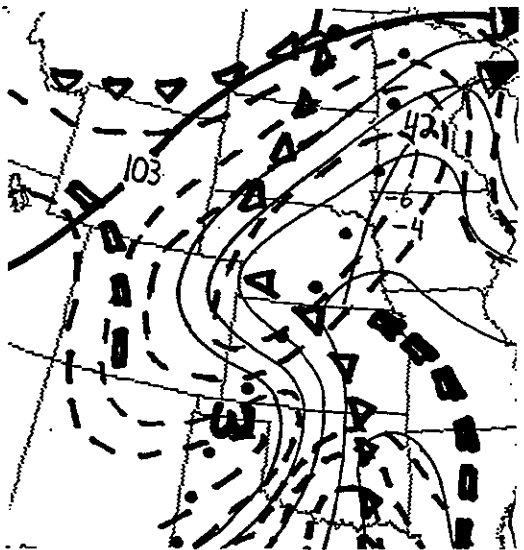


COMPOSITE MAP 12Z

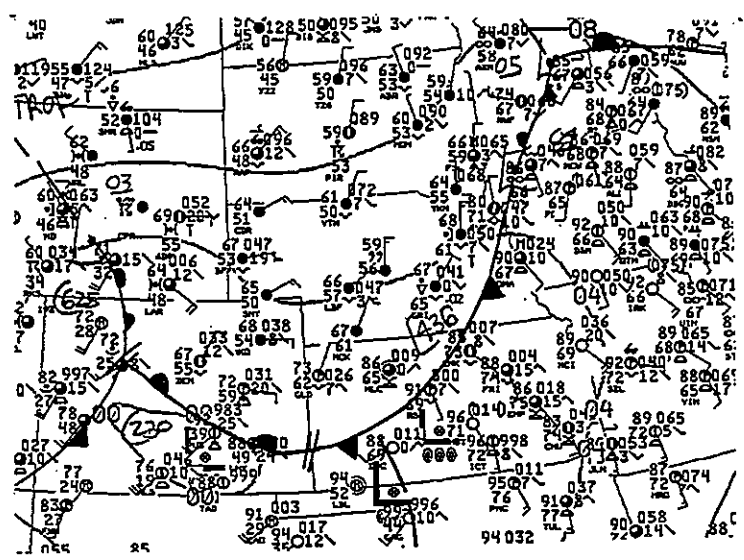




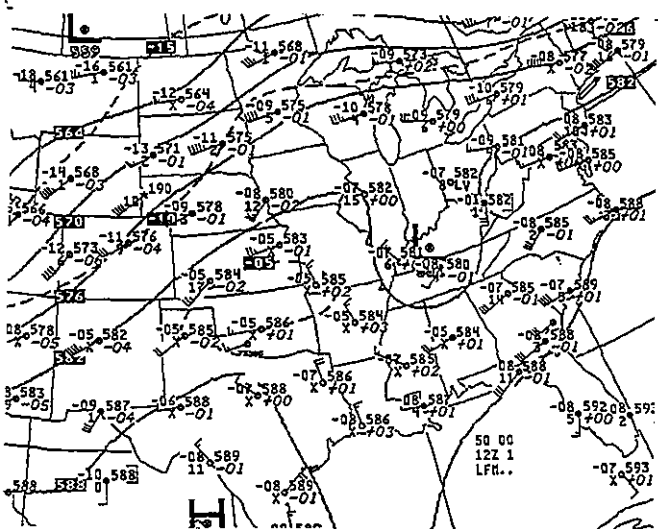
COMPOSITE MAP 12Z



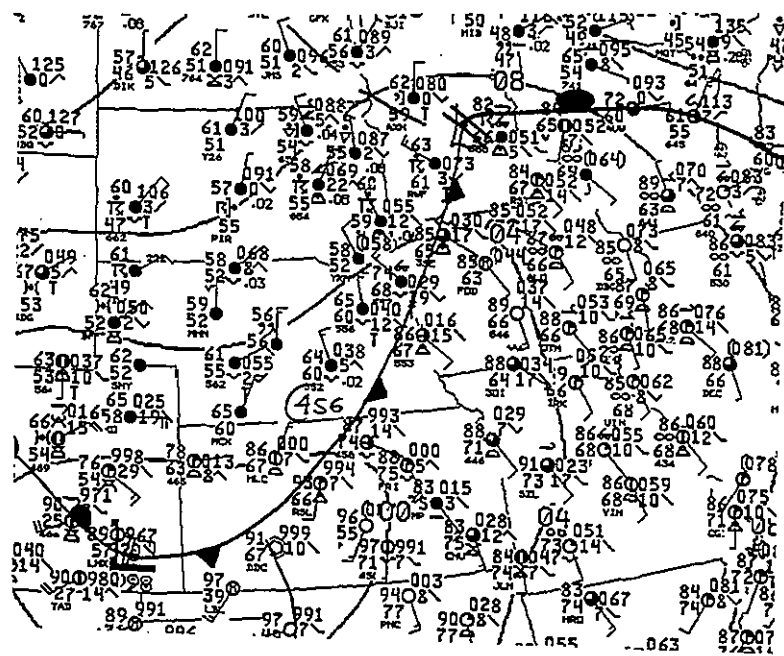
SURFACE MAP 21Z



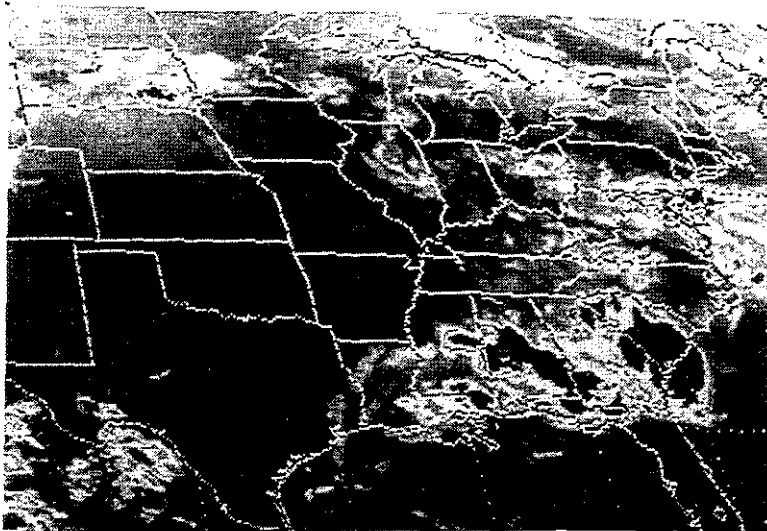
500 MB 12Z



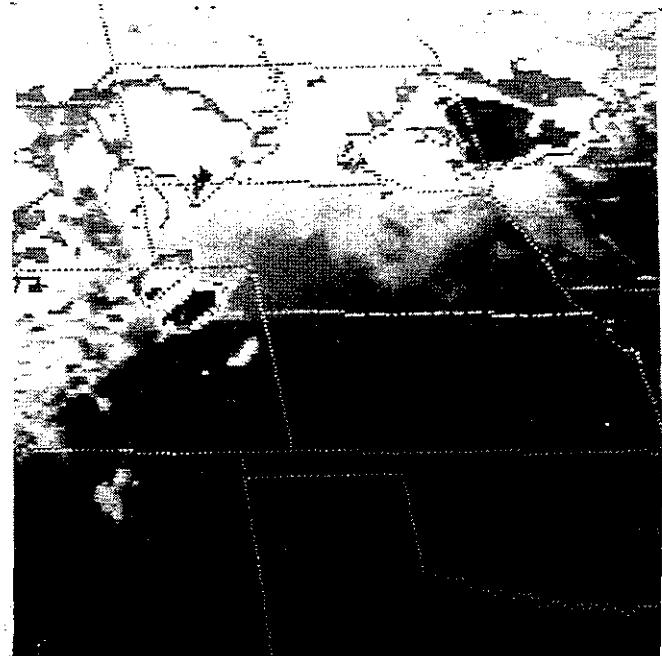
SURFACE MAP 00Z



SATELLITE 22Z 1 JULY



SATELLITE 00Z 2 JULY



# CASE NO.2

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

500 MB 12Z

0600CST 07/02/92 - 0600CST 07/03/92

Total Non-Tornadoic Reports: 352

Large Hail Reports... 83      Damaging Wind Reports... 269

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	55	14	10	2	2	0	83
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

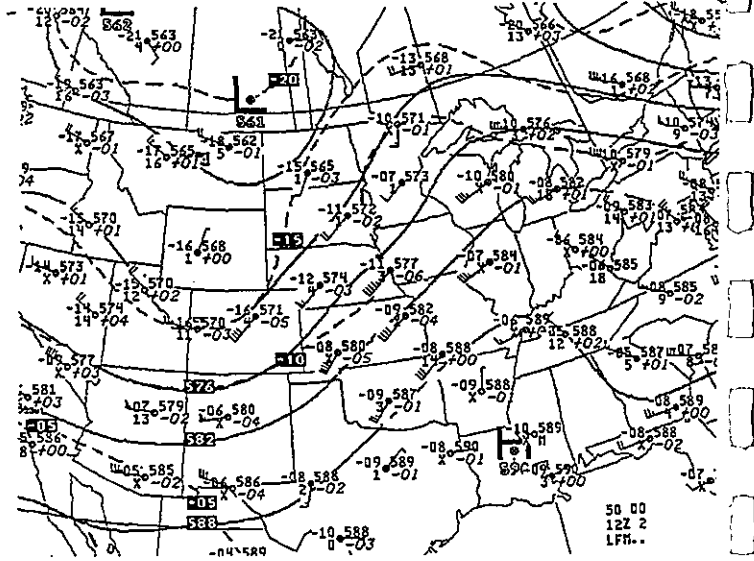
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	206	50	7	4	2	0	269
Fatalities	0	0	0	0	0	0	0
Injuries	55	3	0	11	0	0	69

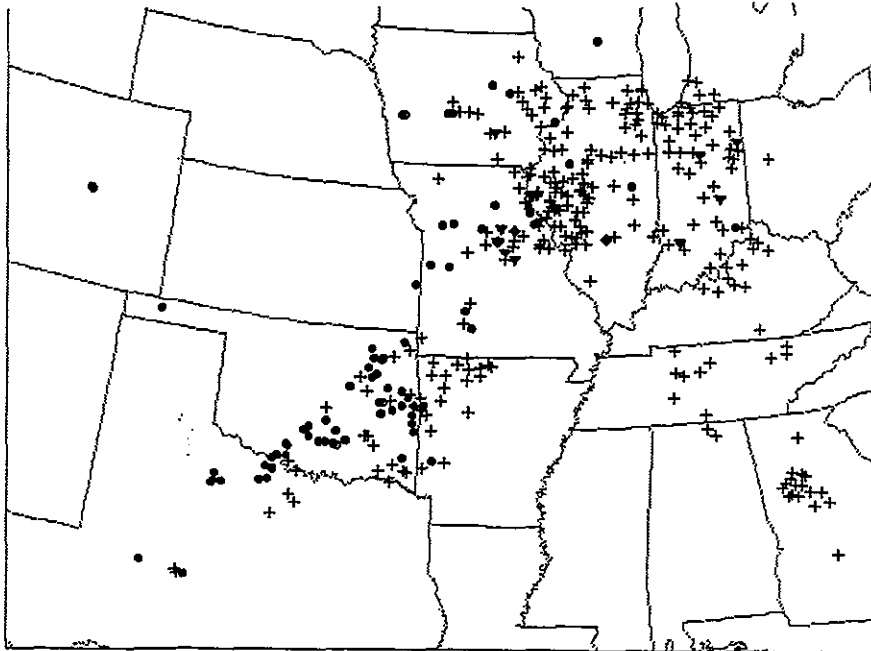
Number of Tornado Segments: 15

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	10	2	1	2	0	0	15
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	1	0	0	1



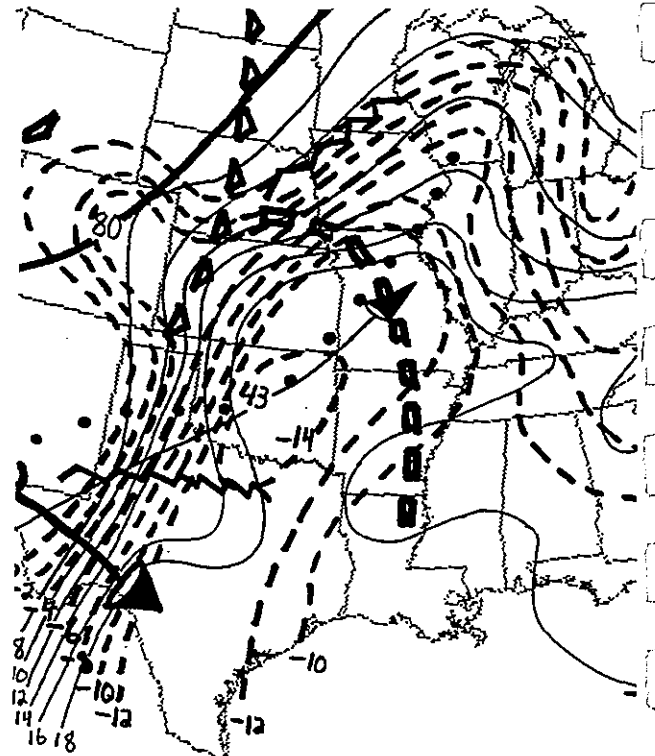
ALL SEVERE REPORTS



0600CST 07/02/92 - 0600CST 07/03/92

SEVERE WEA

COMPOSITE MAP 12Z





# THURSDAY JULY 2ND, 1992

## SIGNIFICANT EVENT MAP

### SIGNIFICANT TORNADO EVENTS

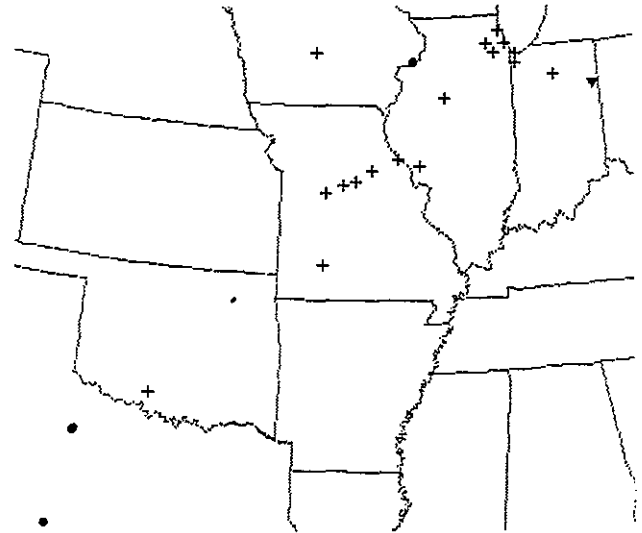
DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUL 2	1720	F-3	4.0 100	OK	TULSA/ROGERS CO.	-	1	---
JUL 2	1722	F-2	1.5 50	IN	ADAMS..3.35 W DECATUR	-	---	---
2 TOTAL						-	1	---

### SIGNIFICANT HAIL EVENTS

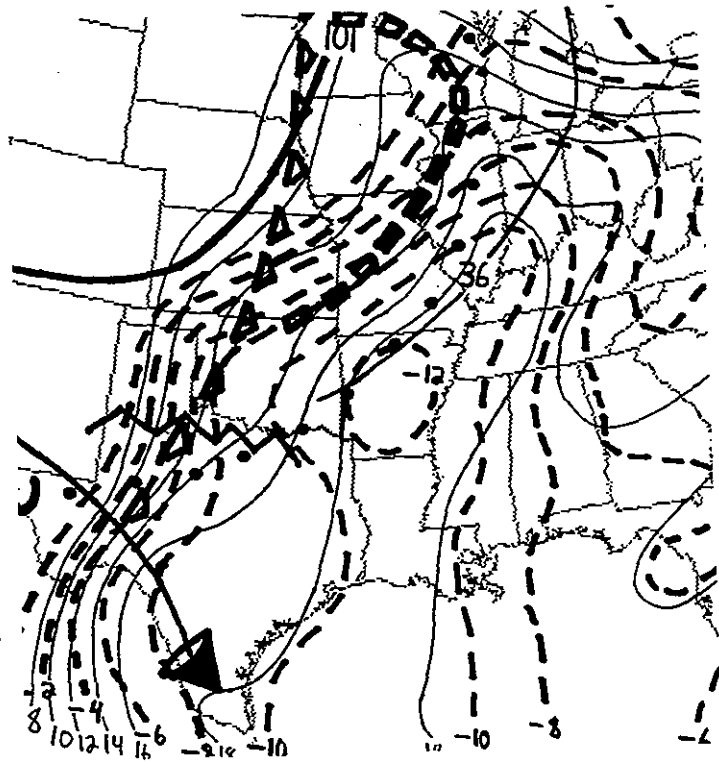
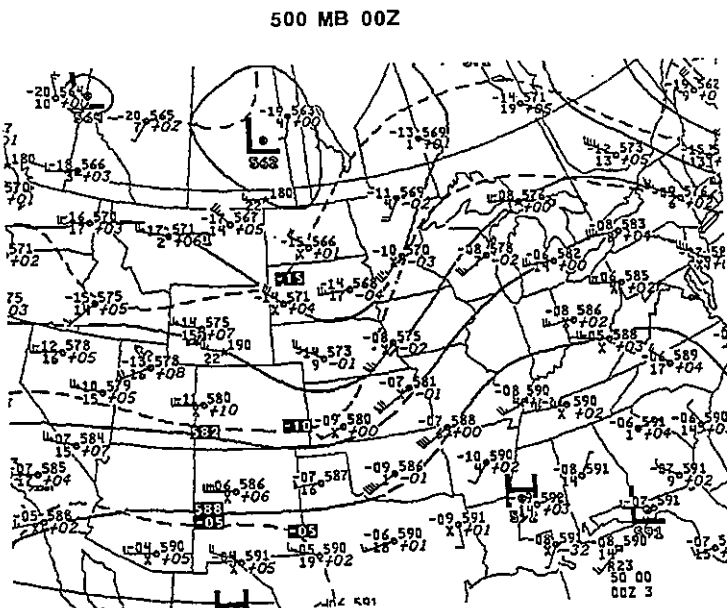
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG	
JUL 2	0810	1.50 INCH	IA	DALLAS..DALLAS CENTER	-	1 M	
JUL 2	1500	2.25 INCH	IA	SCOTT..DAVENPORT	-	---	
JUL 2	1630	3.00 INCH	TX	TOM GREEN..VERIBEST	-	---	
JUL 2	2137	2.75 INCH	TX	HASKELL..1 E O'BRIEN	-	---	
JUL 2	2142	3.00 INCH	TX	KNOX..KNOX CITY	-	---	
5 TOTAL						-	1 M

### SIGNIFICANT WIND EVENTS

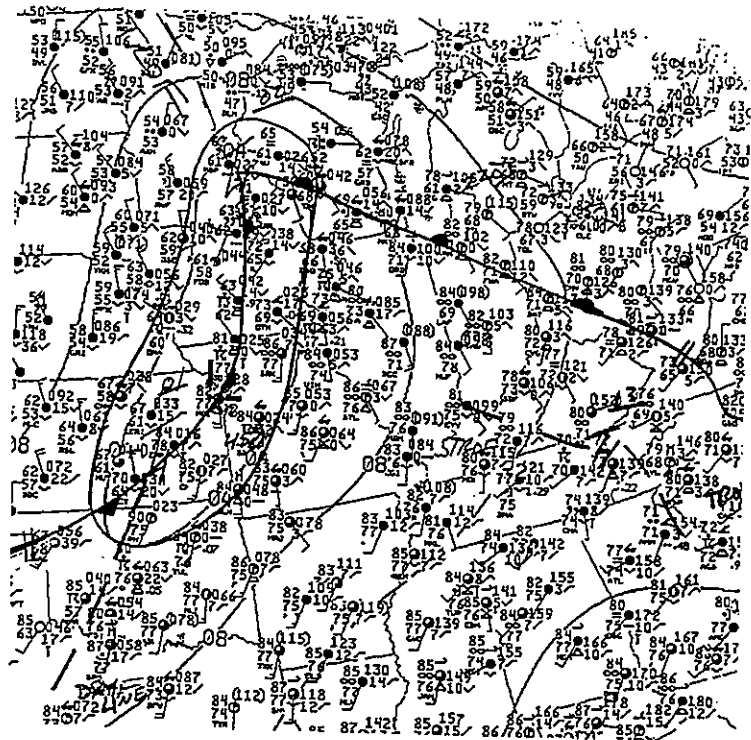
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG	
JUL 2	0815	81 MPH GUST	IA	POLK..GRIMES	-	-	---	
JUL 2	0830	100 MPH GUST	IA	POLK..ANKENY	-	-	---	
JUL 2	1332	81 MPH GUST	IL	DUPAGE..WEST CHICAGO	-	10	---	
JUL 2	1345	WIND DAMAGE	IL	DUPAGE..WOODBRIDGE	-	1	---	
JUL 2	1350	WIND DAMAGE	IL	COOK..LEMONT	-	37	---	
JUL 2	1400	WIND DAMAGE	IL	COOK..CHICAGO	-	3	---	
JUL 2	1400	86 MPH GUST	IL	COOK..CGX	-	-	---	
JUL 2	1415	77 MPH GUST	IN	LAKE..GARY	-	-	---	
JUL 2	1426	WIND DAMAGE	IN	LAKE..CROWN POINT	-	2	---	
JUL 2	1610	60 MPH GUST	IN	FULTON..2.5 N LAKE MANITOU	1	---	---	
JUL 2	1700	82 MPH GUST	MO	PETTIS..SEDALIA	-	-	---	
JUL 2	1705	85 MPH GUST	MO	PETTIS..SEDALIA	-	-	---	
JUL 2	1735	81 MPH GUST	MO	BOONE..COLUMBIA	-	10	1 M	
JUL 2	1815	97 MPH GUST	MO	AUDRAIN..MEXICO	-	-	---	
JUL 2	1815	96 MPH GUST	MO	AUDRAIN..VANDALIA	-	-	---	
JUL 2	1840	WIND DAMAGE	MO	PIKE..LOUISIANA	-	2	---	
JUL 2	1920	WIND DAMAGE	IL	GREENE..CARROLLTON	-	-	---	
JUL 2	2000	77 MPH GUST	OK	STEPHENS..COMMANCHE	-	-	---	
JUL 2	2023	83 MPH GUST	NO	GREENE..SPRINGFIELD	-	1	---	
19 TOTAL						-	67	1 M



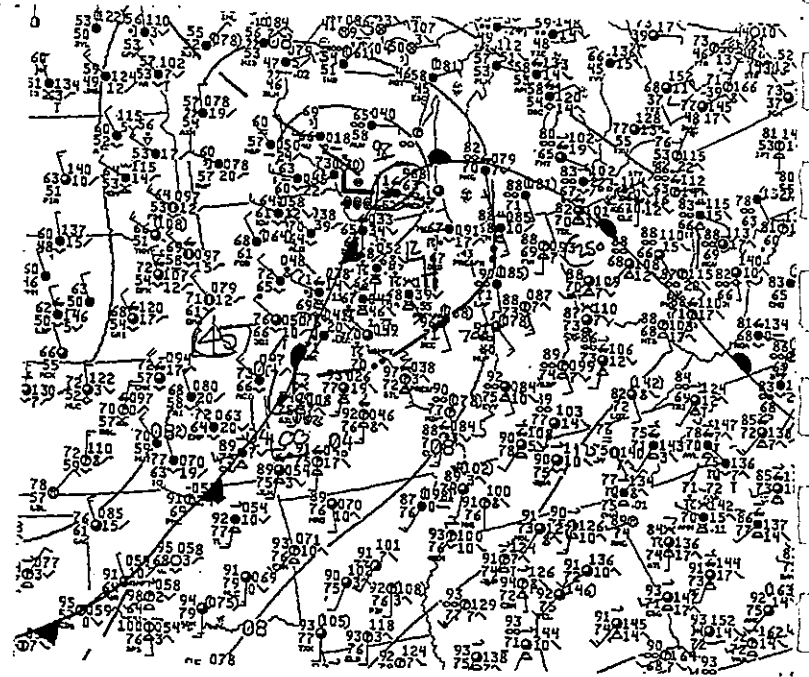
## COMPOSITE MAP 00Z



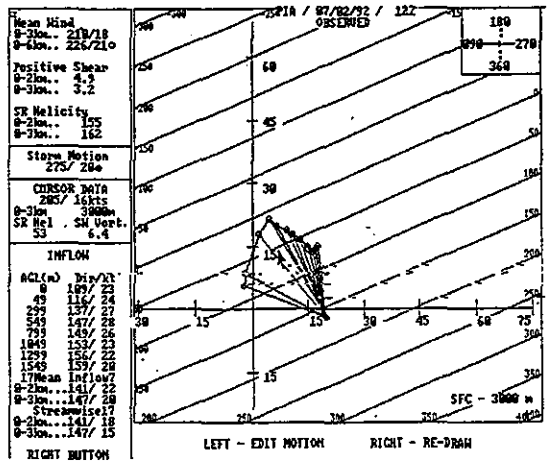
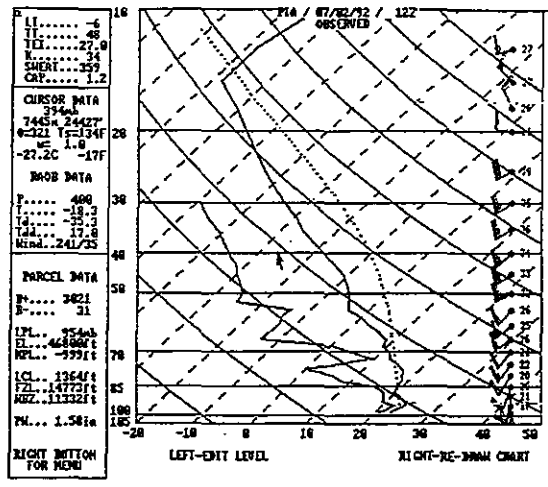
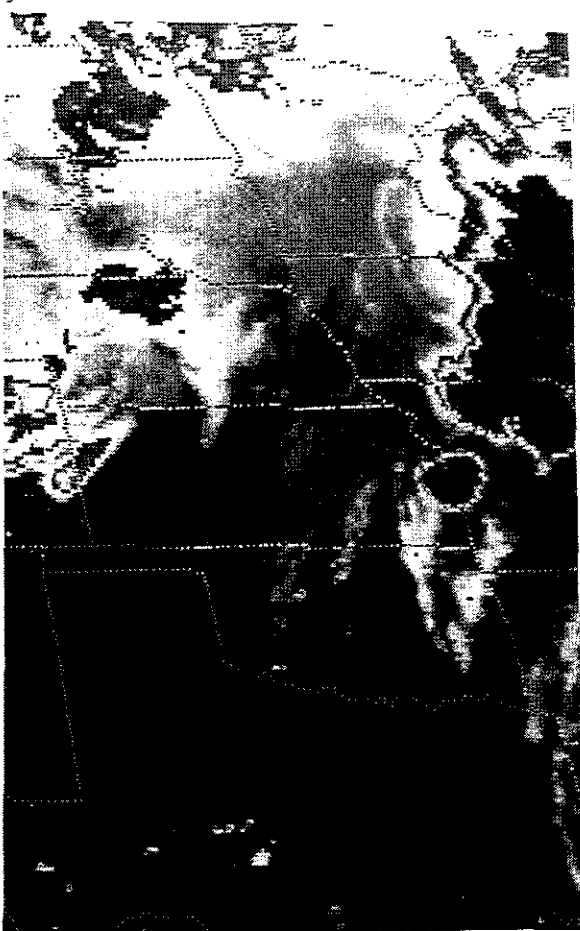
SURFACE MAP 15Z

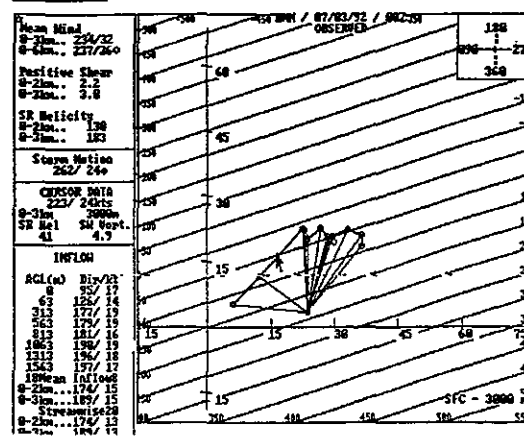
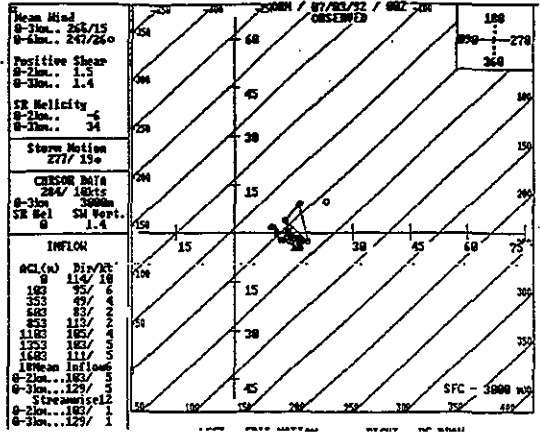
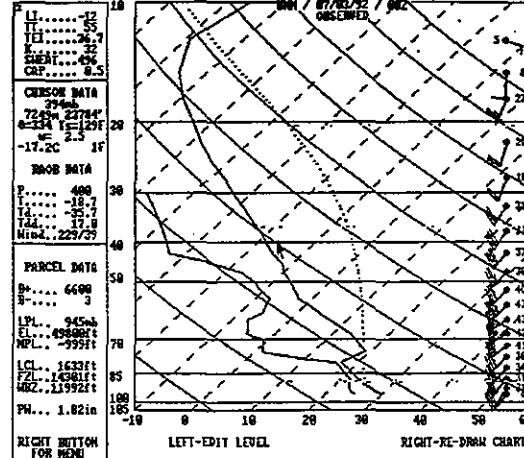
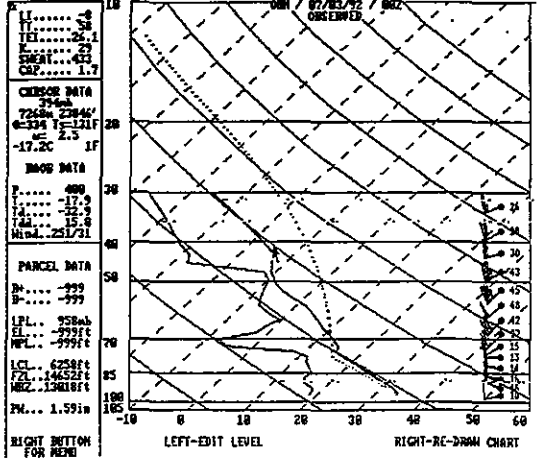
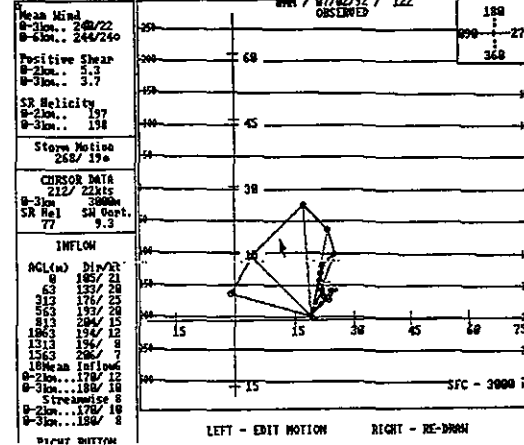
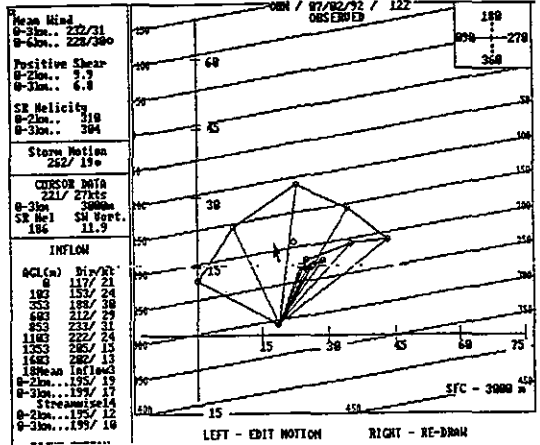
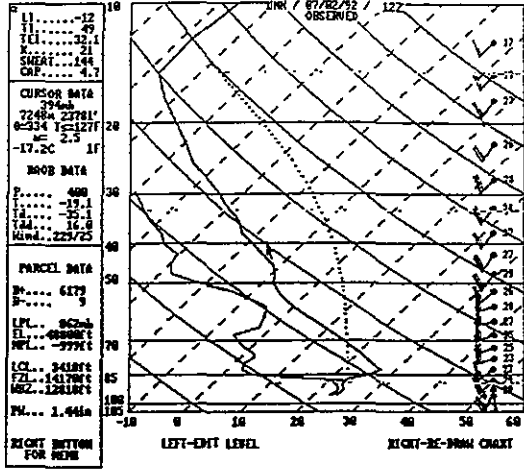
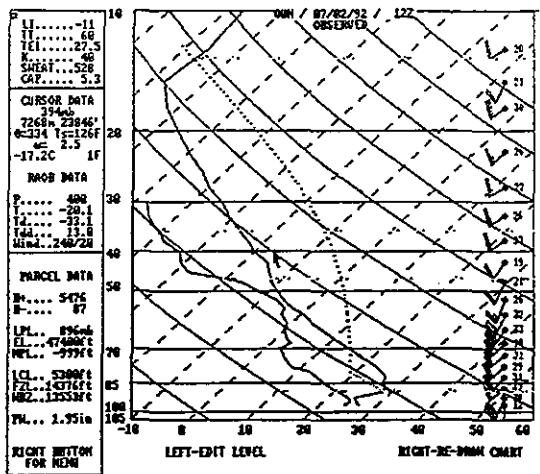


SURFACE MAP 21Z



SATELLITE 22 2 JULY





# CASE NO.3

## COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/04/92 - 0600CST 07/05/92

Total Non-Tornadoic Reports: 178

Large Hail Reports... 126      Damaging Wind Reports... 52

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	48	15	42	17	1	3	126
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

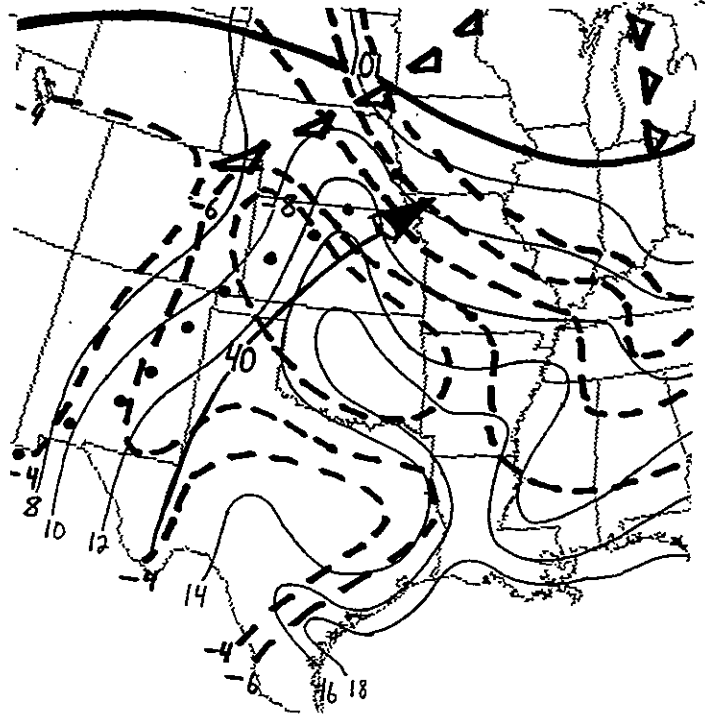
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	22	25	2	3	0	0	52
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

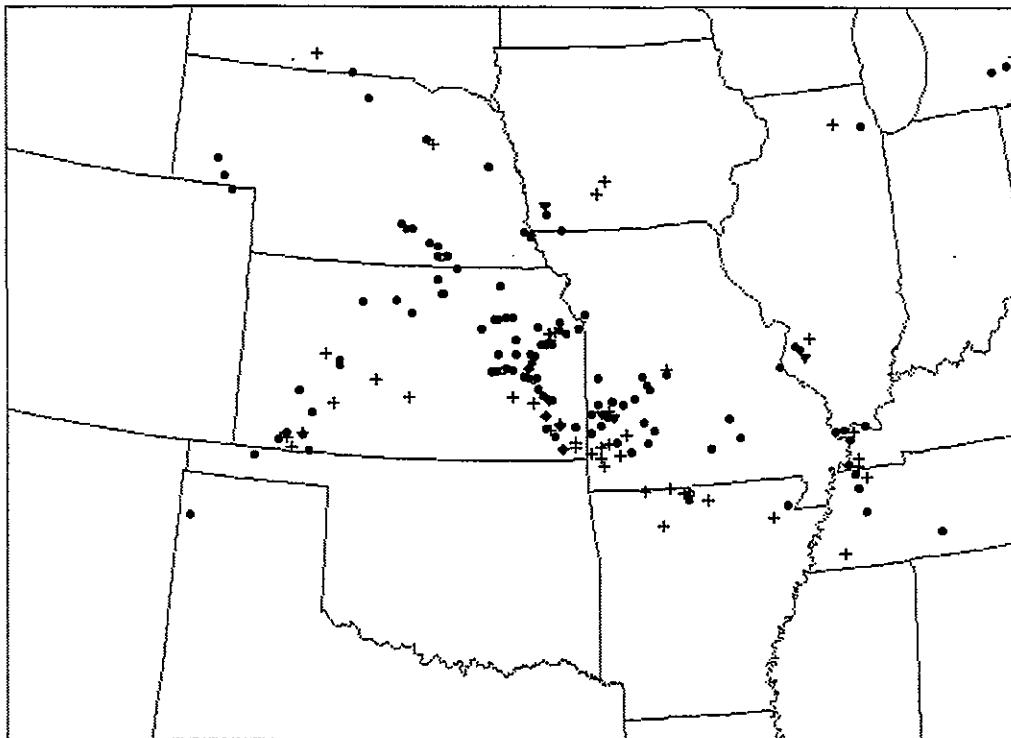
Number of Tornado Segments: 4

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	3	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



## ALL SEVERE REPORTS



0600CST 07/04/92 - 0600CST 07/05/92

SEVERE WEATHER REPORTS

# SATURDAY JULY 4TH, 1992

## SIGNIFICANT TORNADO EVENTS

DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUL 4	1911	F-1	6.0	50	IL ST. CLAIR..MARISSA	-	-	1 M
<b>1 TOTAL</b>						-	-	<b>1 M</b>

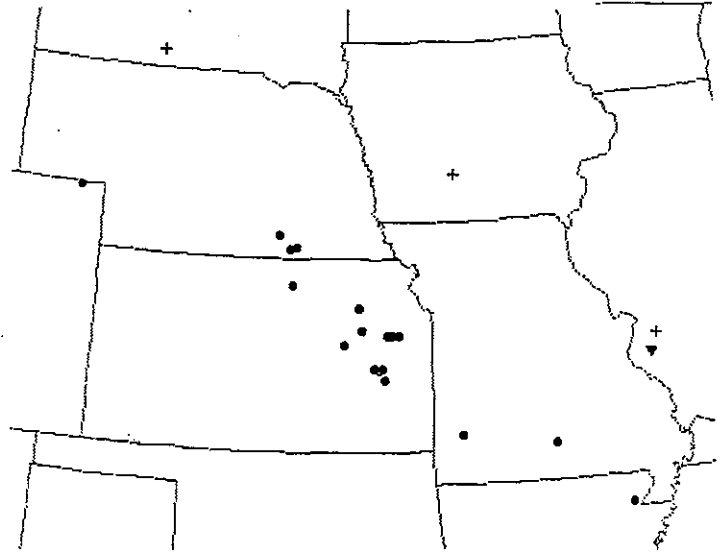
## SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG		
JUL 4	1430	2.50 INCH	MO	LAWRENCE..10 NW MT. VERNON	---	---		
JUL 4	1435	2.75 INCH	MO	HOWELL..5 N WILLOW SPRINGS	---	---		
JUL 4	1443	5.00 INCH	KS	OSAGE..OVERBROOK	---	---		
JUL 4	1453	2.50 INCH	KS	DOUGLAS..15 SW LAWRENCE	---	---		
JUL 4	1606	2.75 INCH	KS	POTTAWATOMIE..BELVUE	---	---		
JUL 4	1615	4.50 INCH	KS	COFFEY..5-12 NW BURLINGTON	---	---		
JUL 4	1646	2.00 INCH	KS	MORRIS..COUNCIL GROVE	---	---		
JUL 4	1655	3.00 INCH	NE	CLAY..EDGAR	---	---		
JUL 4	1705	2.00 INCH	KS	COFFEY..6 NE BURLINGTON	---	---		
JUL 4	1712	2.00 INCH	KS	DOUGLAS..WORDEN	---	---		
JUL 4	1745	2.00 INCH	NE	THAYER..DESLER	---	---		
JUL 4	1755	2.75 INCH	NE	THAYER..HEBRON	---	---		
JUL 4	1900	4.50 INCH	KS	COFFEY..3 N BURLINGTON	---	---		
JUL 4	1923	2.00 INCH	KS	COFFEY..LEROY	---	---		
JUL 4	1930	2.00 INCH	AR	GREENE..PARAGOULD	---	---		
JUL 4	1935	2.00 INCH	CO	SEDGWICK..2 NW SEDGWICK	---	---		
JUL 4	1940	2.75 INCH	KS	WABAUNSEE..ESKRIDGE	---	---		
JUL 4	1951	2.50 INCH	KS	WABAUNSEE..ESKRIDGE	---	---		
JUL 4	1955	2.00 INCH	KS	COFFEY..NEW STRAWN	---	---		
JUL 4	2110	2.00 INCH	KS	CLOUD..0.5 E CONCORDIA	---	---		
JUL 5	0100	2.75 INCH	NE	CLAY..EDGAR	---	---		
<b>21 TOTAL</b>						-	-	<b>---</b>

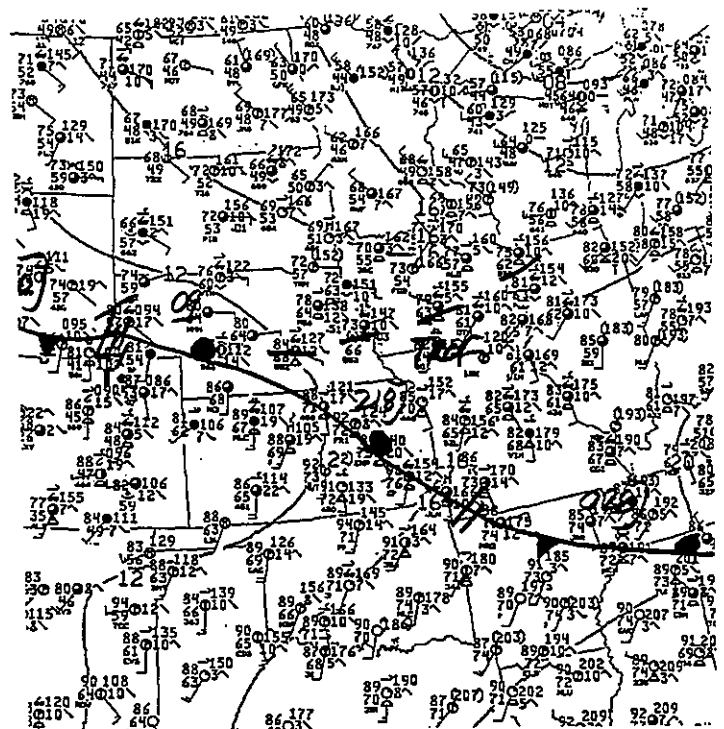
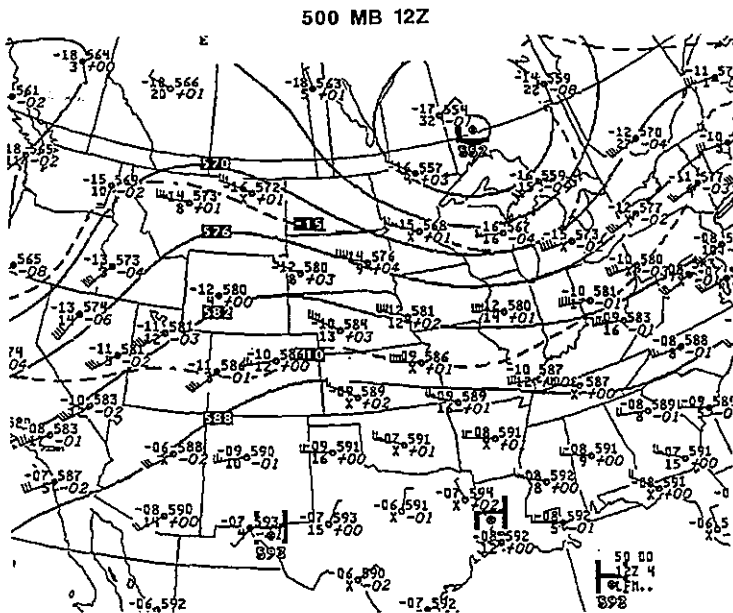
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG	
JUL 4	1719	81 MPH GUST	KS	SEWARD..5 E LIBERAL	-	-	---	
JUL 4	1835	81 MPH GUST	IL	CLINTON..TRENTON	-	-	---	
JUL 4	2100	35 MPH GUST	NE	HARLAN..HARLAN RES.	3	-	---	
JUL 4	2115	75 MPH GUST	IA	MADISON..1 E WINTERSSET	-	-	---	
JUL 5	0100	81 MPH GUST	SD	TODD..2 N ROSEBUD	-	-	---	
<b>5 TOTAL</b>						3	-	<b>---</b>

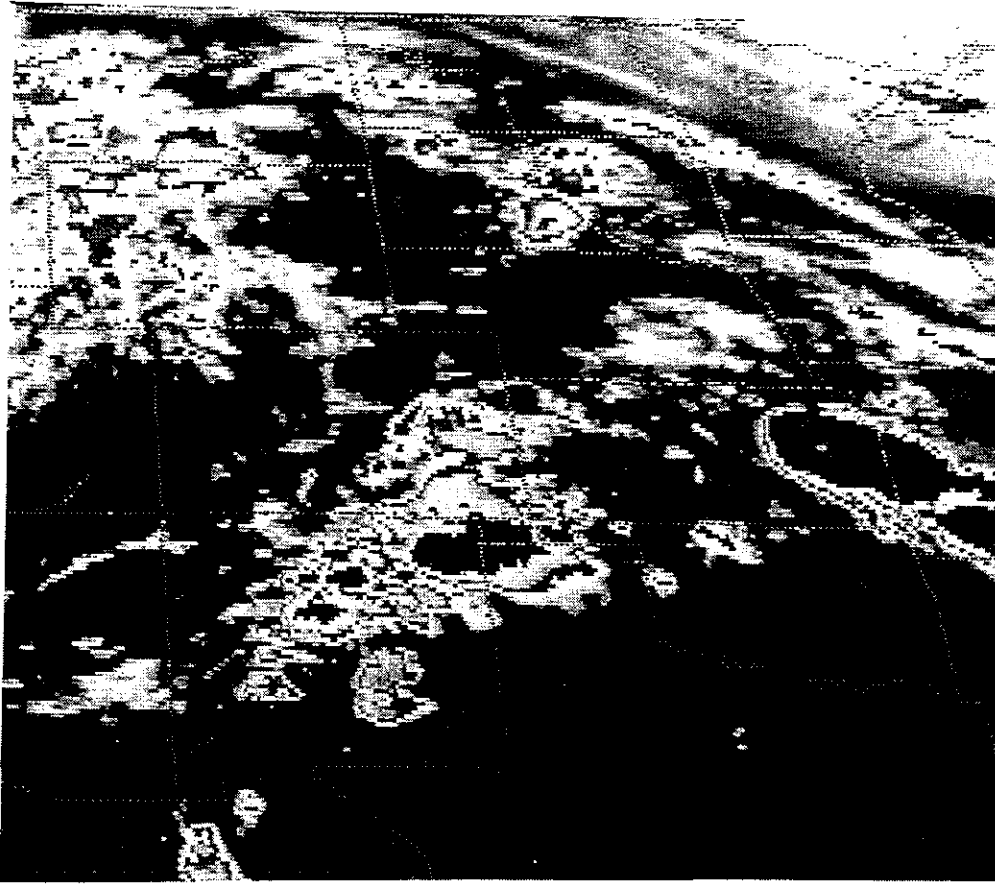
## SIGNIFICANT EVENT MAP



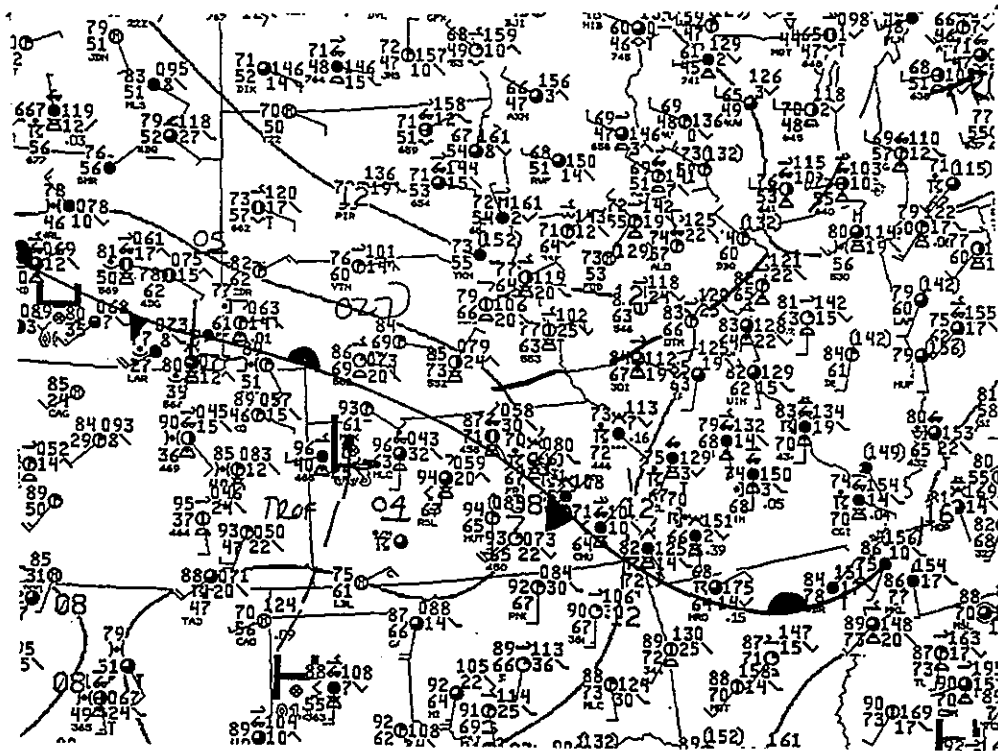
## SURFACE MAP 18Z

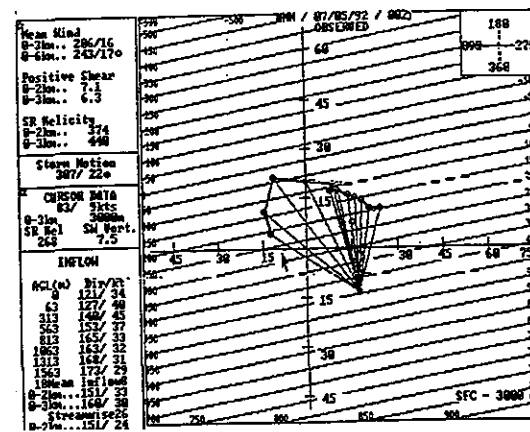
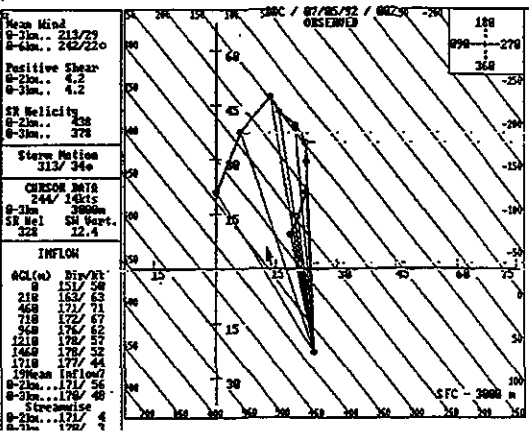
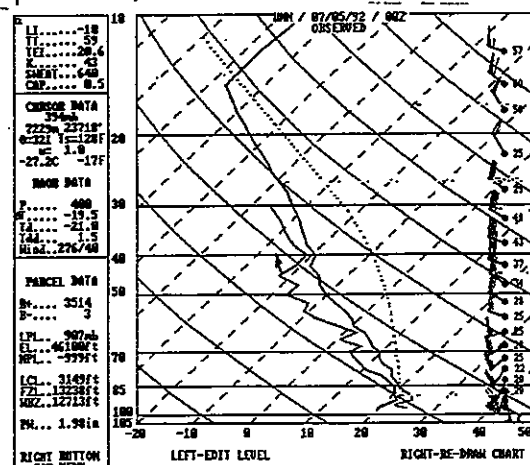
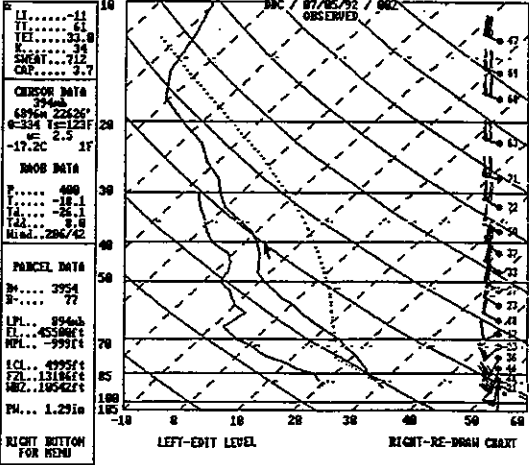
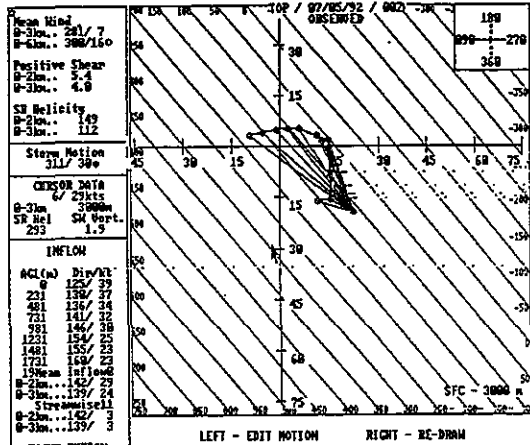
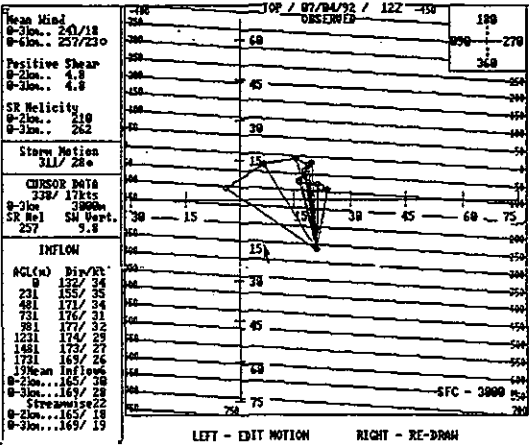
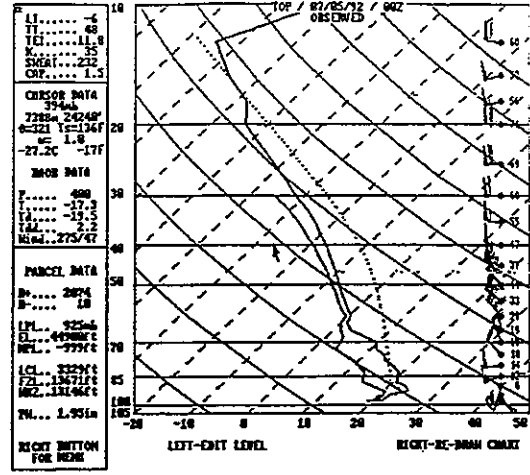
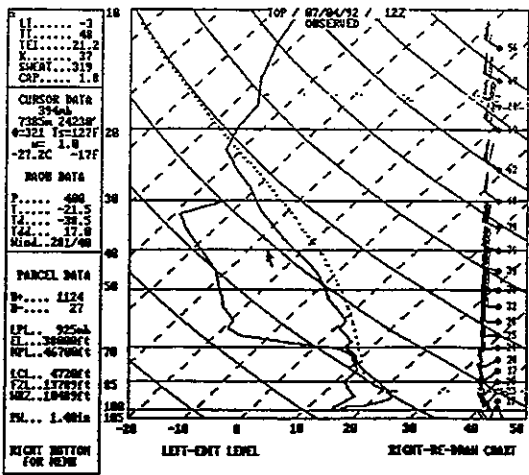


SATELLITE 2030Z 4 JULY



SURFACE MAP 00Z





# CASE NO.4

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/05/92 - 0600CST 07/06/92

0600CST 07/05/92 - 0600CST 07/06/92

Total Non-Tornadoic Reports: 33

Large Hail Reports... 7      Damaging Wind Reports... 26

Total Non-Tornadoic Reports: 86

Large Hail Reports... 6      Damaging Wind Reports... 80

**LARGE HAIL**

	075	100	150	200	300	400	TOT
Hail	3	1	3	0	0	0	7
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**LARGE HAIL**

	075	100	150	200	300	400	TOT
Hail	0	3	3	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**DAMAGING WIND**

	WNDG	50	60	70	80	90	TOT
Wind	25	0	0	0	1	0	26
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**DAMAGING WIND**

	WNDG	50	60	70	80	90	TOT
Wind	73	6	1	0	0	0	80
Fatalities	1	0	0	0	0	0	1
Injuries	2	0	0	0	0	0	2

Number of Tornado Segments: 9

Number of Tornado Segments: 0

**TORNADO SEGMENTS**

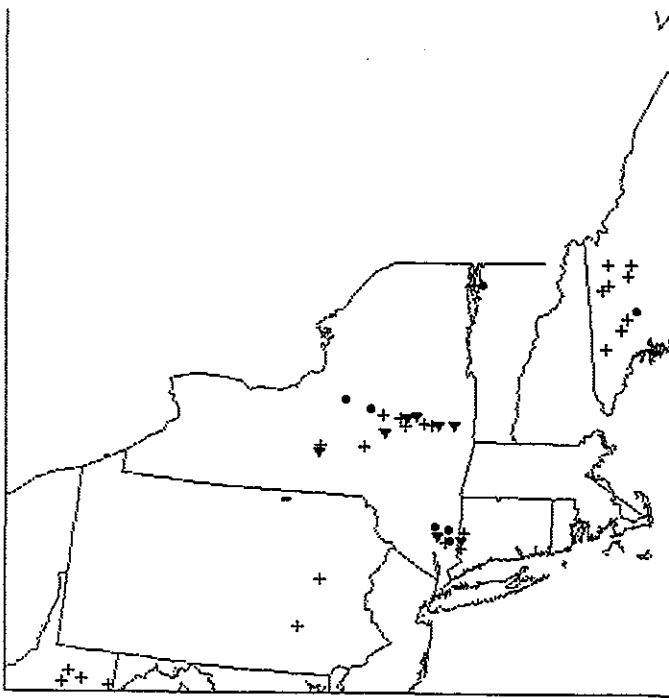
	F0	F1	F2	F3	F4	F5	TOT
Segments	7	2	0	0	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**TORNADO SEGMENTS**

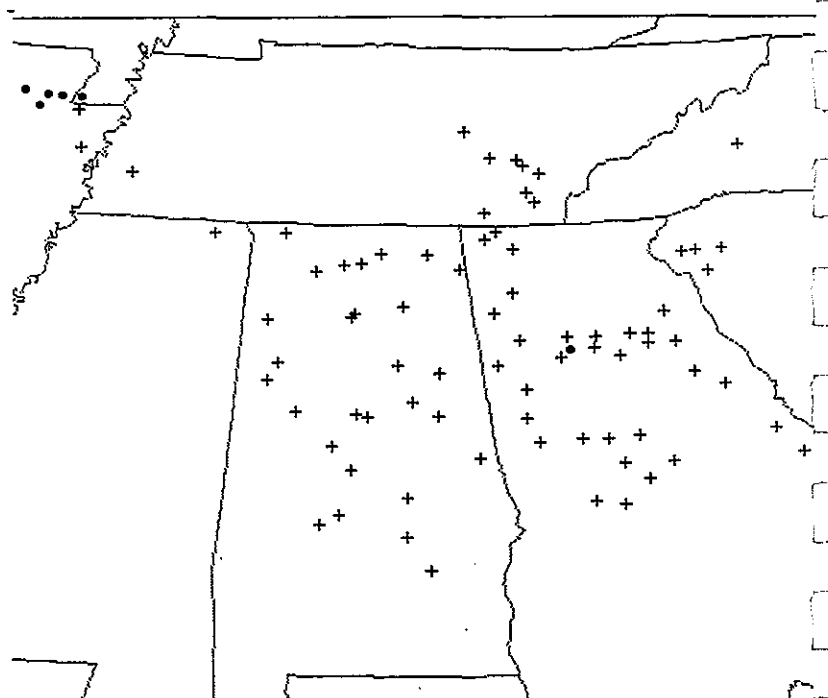
	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**ALL SEVERE REPORTS**

**ALL SEVERE REPORTS**



0600CST 07/05/92 - 0600CST 07/06/92





# SUNDAY JULY 5TH, 1992

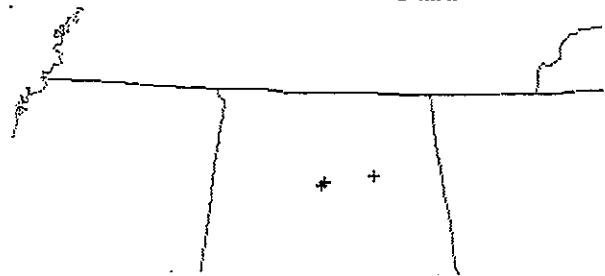
## SIGNIFICANT TORNADO EVENTS

DATE	TIME	TOR PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JUL 5	1500	F-1 1.2	50	NY	OTSEGO..CANADARANGO LAKE	-	-	1 M
<b>1 TOTAL</b>						-	-	1 M

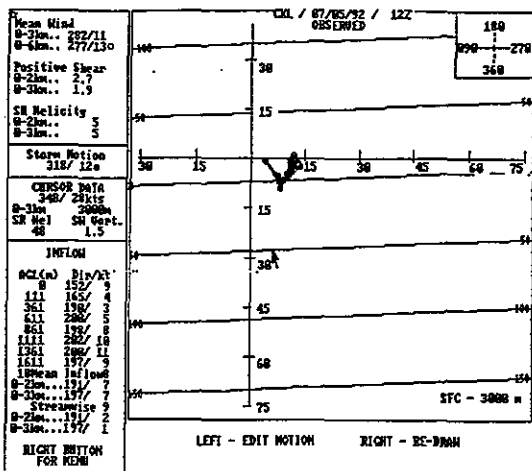
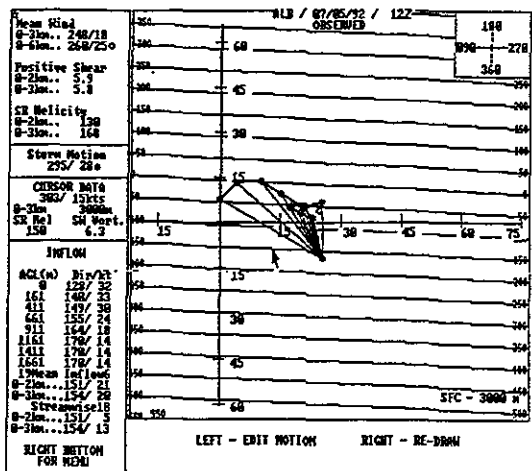
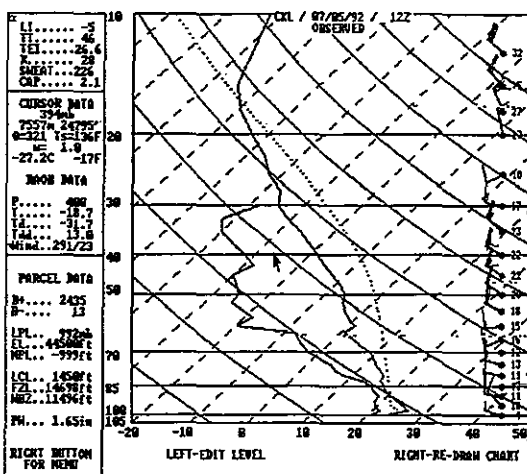
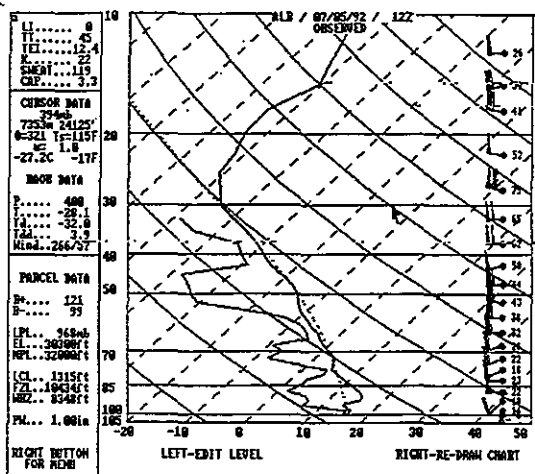
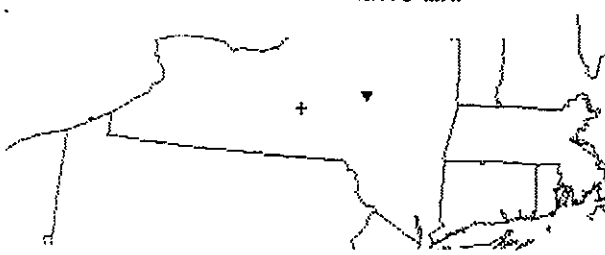
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 5	1215	WIND DAMAGE	AL	CULLMAN..	SMITH LAKE	-	1	---
JUL 5	1230	WIND DAMAGE	AL	CULLMAN..	CULLMAN	1	1	---
JUL 5	1300	75 MPH GUST	AL	MARSHALL..	ALBERTVILLE	-	-	---
JUL 5	1315	79 MPH GUST	NY	BRADFORD..	1.5 SE CORYLAND	-	-	---
<b>4 TOTAL</b>						1	2	---

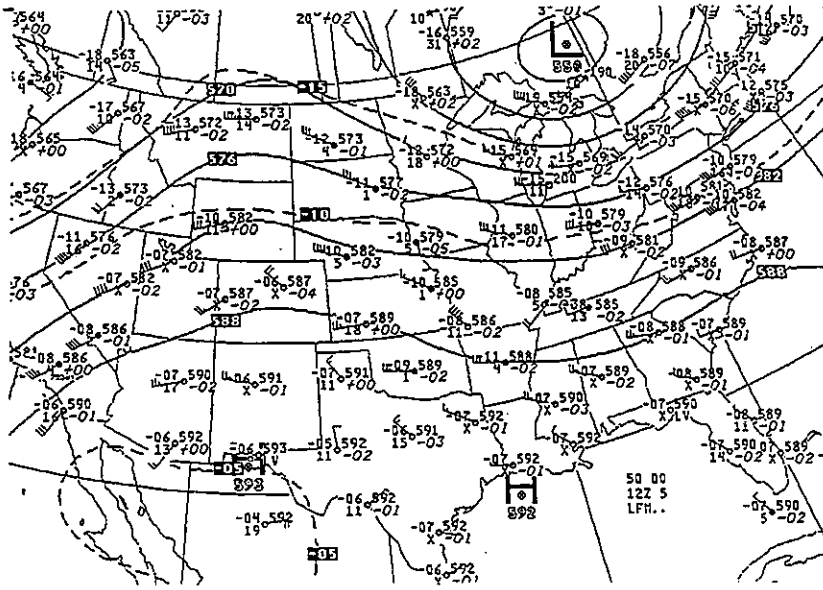
SIGNIFICANT EVENTS MAP



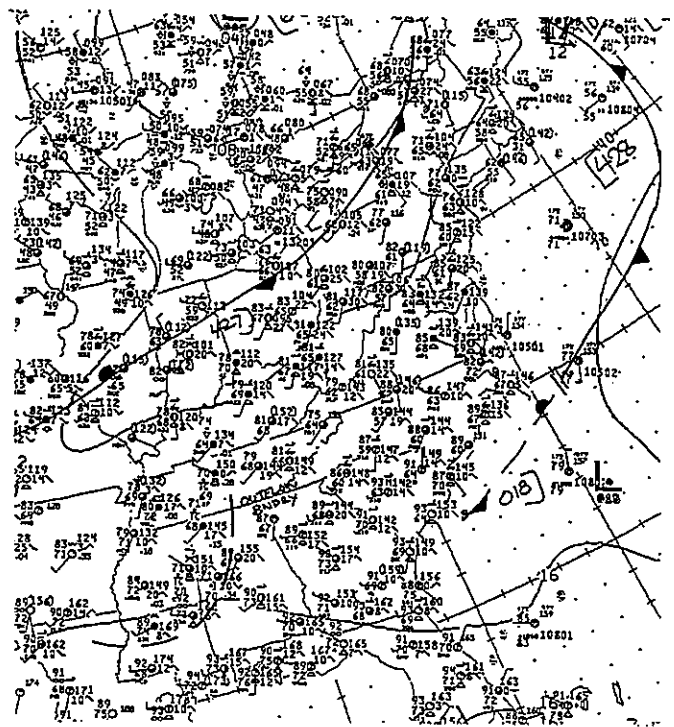
SIGNIFICANT EVENTS MAP



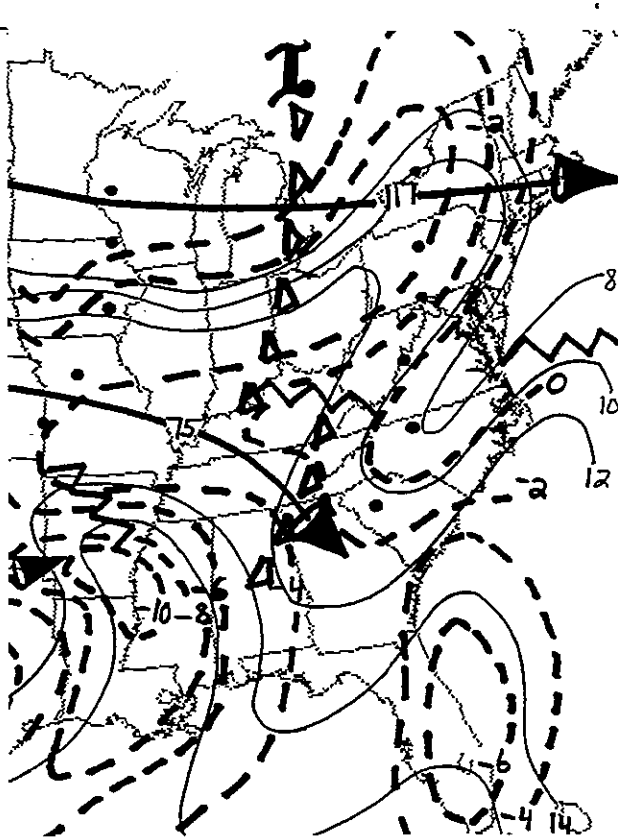
500 MB 12Z



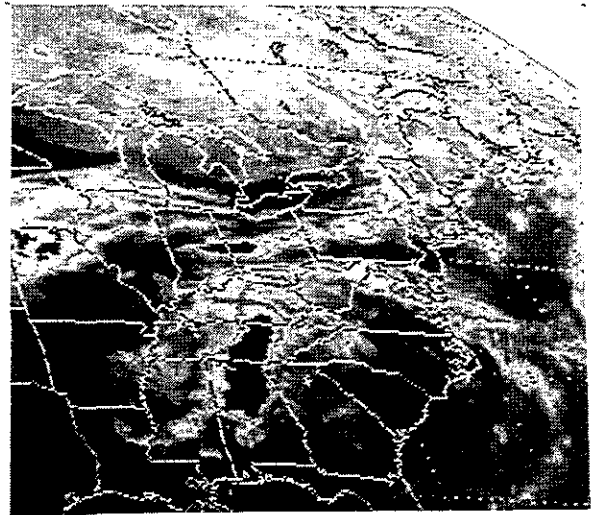
SURFACE MAP 18Z



COMPOSITE MAP 12Z



SATELLITE 1830Z 5 JULY



# CASE NO.5

## ALL SEVERE REPORTS

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/07/92 - 0600CST 07/08/92

Total Non-Tornadoic Reports: 72

Large Hail Reports... 37      Damaging Wind Reports... 35

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	5	1	18	7	4	2	37
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

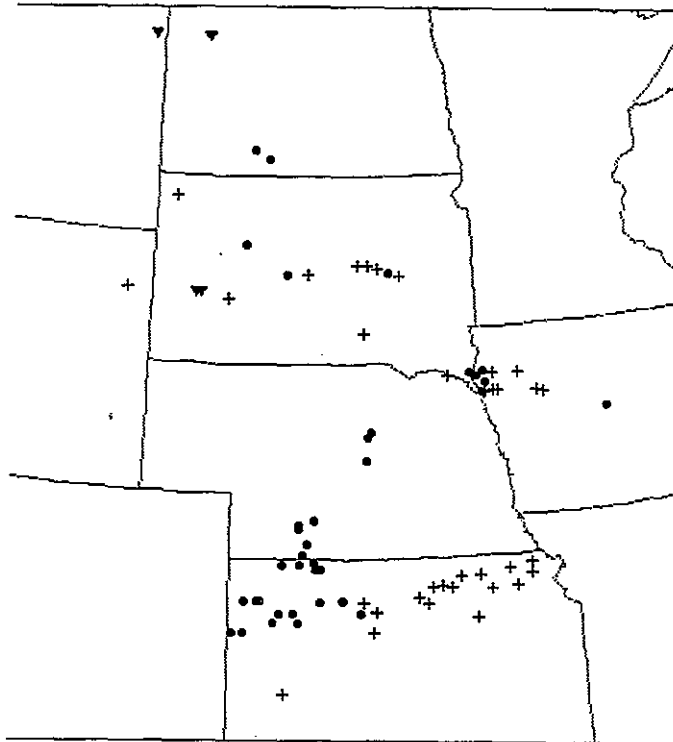
### DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	3	16	9	6	0	1	35
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	6	6

Number of Tornado Segments: 4

### TORNADO SEGMENTS

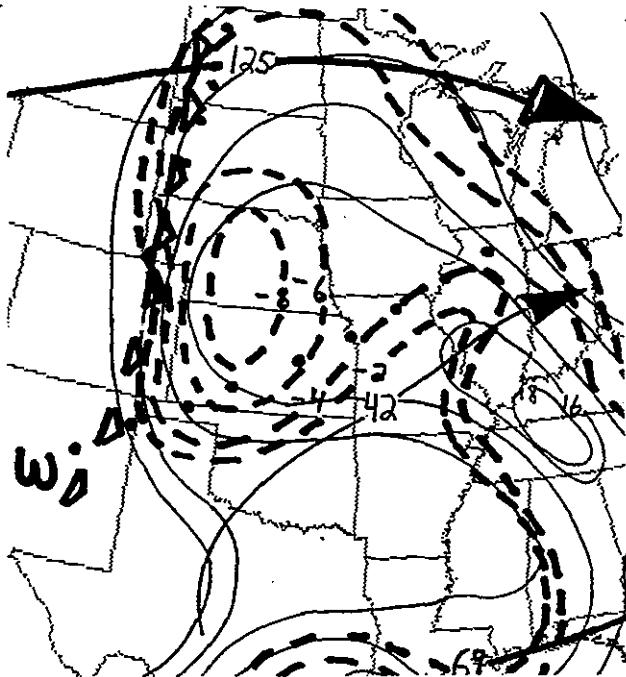
	F0	F1	F2	F3	F4	F5	TOT
Segments	4	0	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



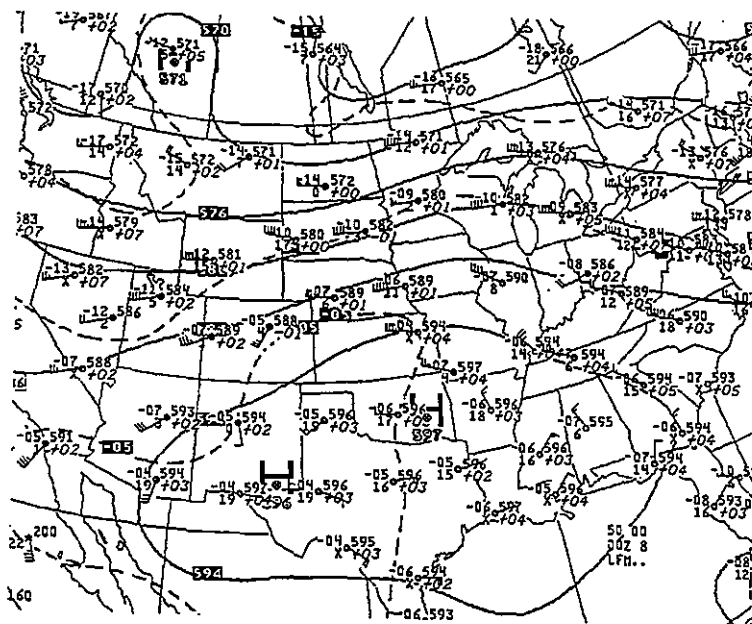
0600CST 07/08/92

SEVERE WEATH

### COMPOSITE MAP 00Z



### 500 MB 00Z



SIGNIFICANT EVENTS MAP

TUESDAY JULY 7TH, 1992

SIGNIFICANT HAIL EVENTS

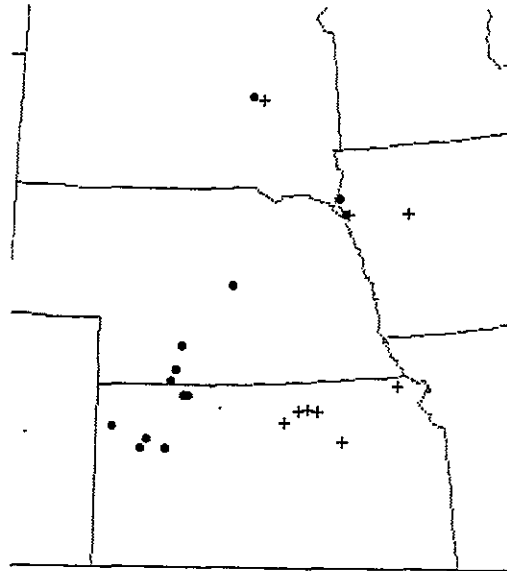
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
JUL 7	1808	3.00 INCH	KS	LOGAN..	WINONA	-	---
JUL 7	1810	3.00 INCH	KS	LOGAN..	4.5 SW MONUMENT	-	---
JUL 7	1812	3.00 INCH	KS	THOMAS..	6 S MINGO	-	---
JUL 7	1855	3.00 INCH	KS	GOVE..	7.2 NW GOVE	-	---
JUL 7	1900	2.50 INCH	NE	FRONTIER..	6-7 S FARNAM	-	---
JUL 7	1900	4.00 INCH	NE	RED WILLOW	COUNTY	-	---
JUL 7	1935	2.00 INCH	KS	NORTON..	9 W NORTON	-	---
JUL 7	1953	2.00 INCH	NE	VALLEY..	8 SW ORD	-	---
JUL 7	1958	2.00 INCH	KS	SHERMAN..	W GOODLAND	-	---
JUL 7	2030	3.00 INCH	KS	DECATUR..	NORCATUR	-	---
JUL 7	2110	2.00 INCH	IA	WOODBURY..	18 N SIOUX CITY	-	---
JUL 7	2140	2.75 INCH	IA	PLYMOUTH..	1 E WESTFIELD	-	---
JUL 7	2211	2.25 INCH	SD	BEADLE..	WOLSEY	-	---

13 TOTAL

SIGNIFICANT WIND EVENTS

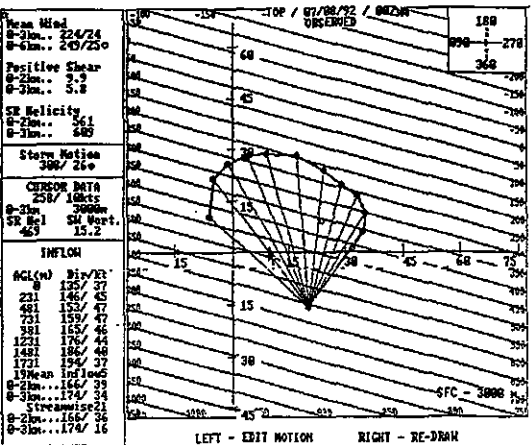
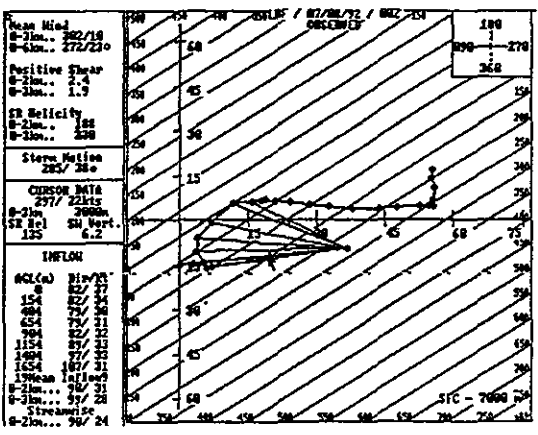
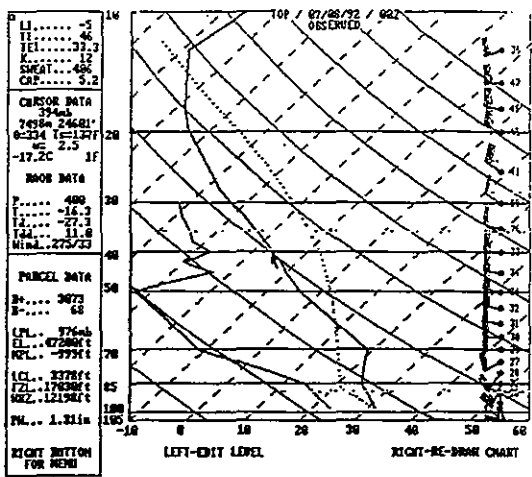
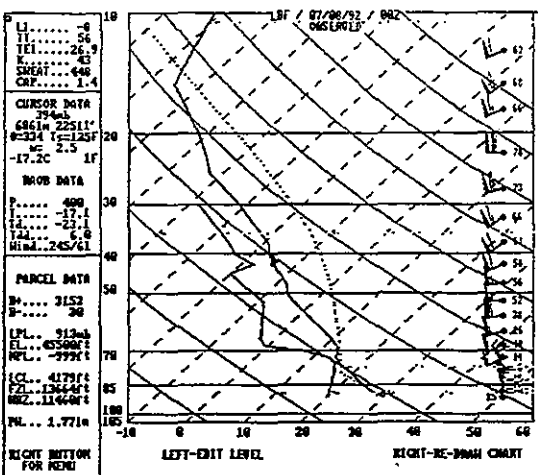
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 7	2135	75 MPH GUST	IA	WOODBURY..	MORNINGSIDE	-	-	---
JUL 7	2213	81 MPH GUST	SD	BEADLE..	2-4 W HURON	-	-	---
JUL 7	2220	83 MPH GUST	SD	BEADLE..	HURON	-	-	---
JUL 7	2320	90 MPH GUST	IA	SAC..	SAC CITY	-	-	---
JUL 8	0005	81 MPH GUST	KS	MITCHELL..	2 NW SIMPSON	-	-	1 M
JUL 8	0019	104 MPH GUST	KS	CLOUD..	CONCORDIA AIRPORT	-	-	6 25M
JUL 8	0050	81 MPH GUST	KS	CLAY..	2 S CLIFTON	-	-	1 M
JUL 8	0050	81 MPH GUST	KS	CLOUD..	10 E CONCORDIA	-	-	1 M
JUL 8	0050	81 MPH GUST	KS	CLOUD..	CLYDE	-	-	1 M
JUL 8	0100	90 MPH GUST	KS	GEARY..	FT. RILEY	-	-	---
JUL 8	0100	75 MPH GUST	KS	MARSHALL..	WATERVILLE	-	-	---
JUL 8	0215	76 MPH GUST	KS	BROWN..	HIAWATHA	-	-	---

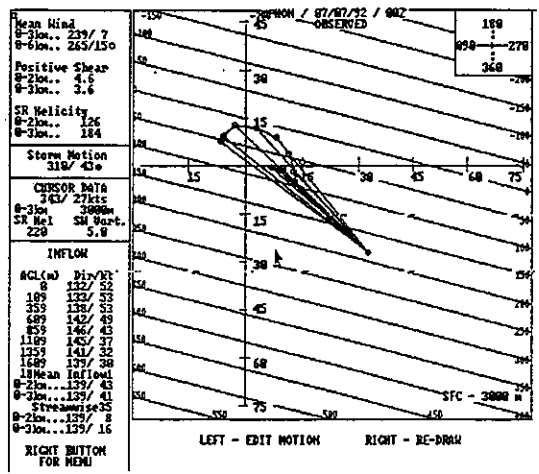
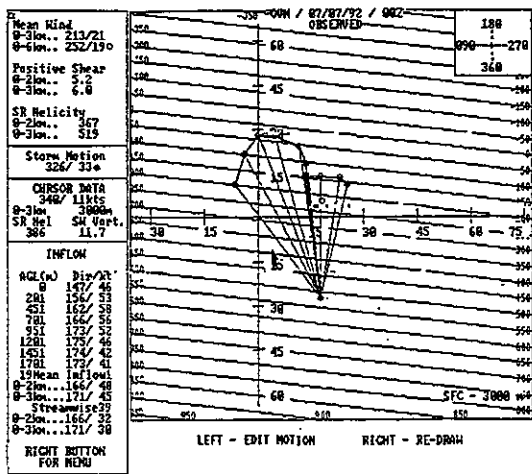
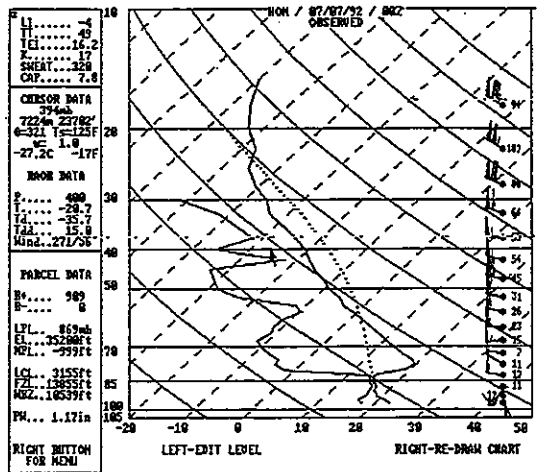
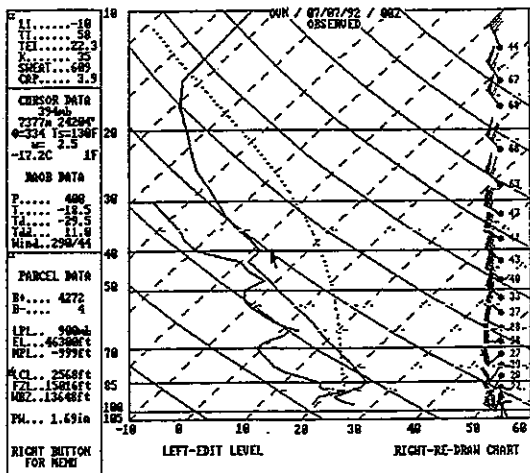
12 TOTAL



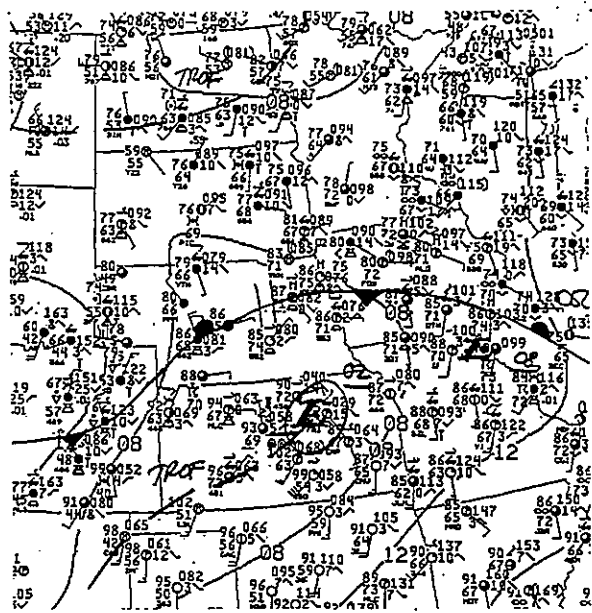
07/08/92

SEVERE WE

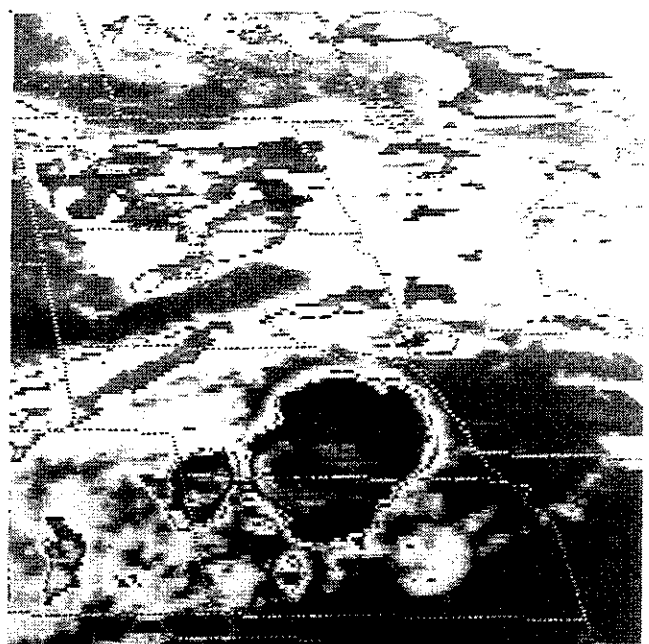




SURFACE MAP 00Z



SATELLITE 02Z 8 JULY



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/09/92 - 0600CST 07/10/92

Total Non-Tornadic Reports: 98

Large Hail Reports... 52      Damaging Wind Reports... 46

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	10	13	20	9	0	0	52
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

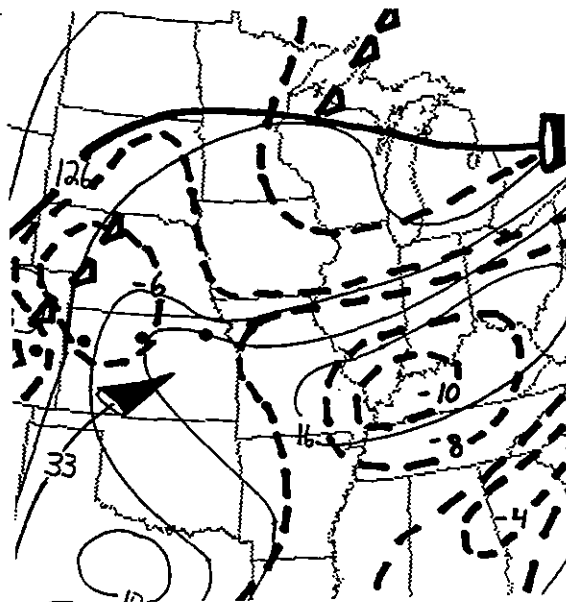
DAMAGING WIND

	WWDG	50	60	70	80	90	TOT
Wind	33	9	4	0	0	0	46
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

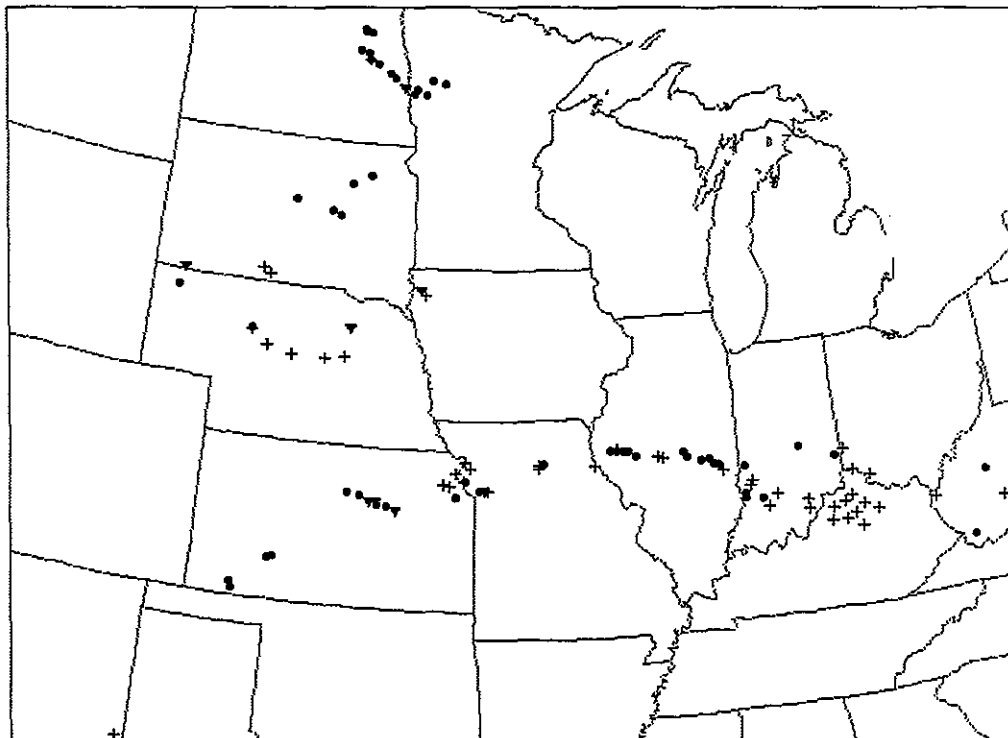
Number of Tornado Segments: 8

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	5	3	0	0	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 07/09/92 - 0600CST 07/10/92

SEVERE WEATHER REPORTS

# THURSDAY JULY 9TH, 1992

## SIGNIFICANT HAIL EVENTS

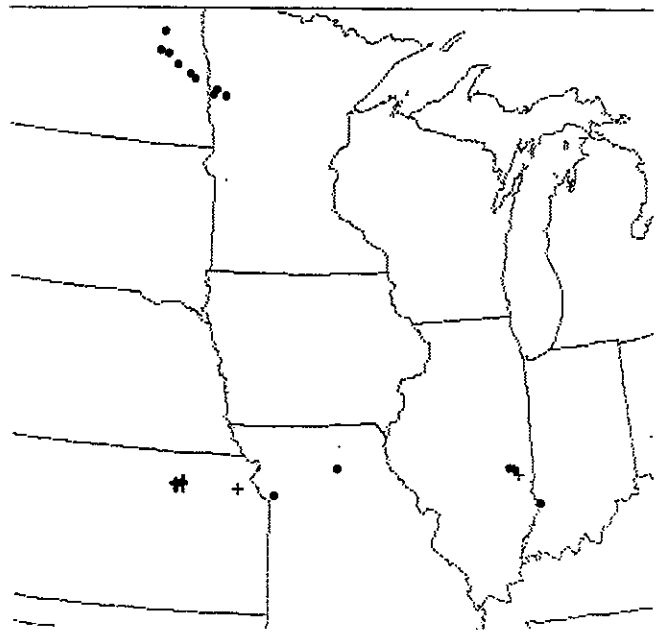
DATE	TIME	EVENT	STATE	COUNTY..	LOCATION	INJ	DMG
JUL 9	1310	1.75 INCH	ND	NELSON..2	S MEVILLE	-	1 M
JUL 9	1310	2.00 INCH	ND	NELSON..2	S TOLNA	-	---
JUL 9	1330	1.00 INCH	ND	NELSON..8	N LAKOTA	-	1 M
JUL 9	1336	2.50 INCH	IL	COLES..	FAIRGRANGE	-	1 M
JUL 9	1350	2.50 INCH	IL	COLES..	ASHMORE	-	---
JUL 9	1435	2.50 INCH	IN	KNOX..	OAKTOWN	-	---
JUL 9	1435	1.75 INCH	ND	STEELE..	FINLEY	-	1 M
JUL 9	1553	1.00 INCH	ND	TRAILL..	CLIFFORD	-	1 M
JUL 9	1600	1.75 INCH	ND	TRAILL..6	E GALESBURG	-	---
JUL 9	1700	2.00 INCH	MN	CLAY..	FELTON	-	---
JUL 9	1700	2.00 INCH	MN	CLAY..	HITTERDAL	-	---
JUL 9	1720	2.00 INCH	MN	CLAY..7	NE MOORHEAD	-	---
JUL 9	1730	2.00 INCH	MO	MACON..	NEW CAMBRIA	-	---
JUL 9	1740	2.00 INCH	MN	CLAY..	HITTERDAL	-	---
JUL 9	1845	2.00 INCH	MO	CLAY..	GLADSTONE	-	---

15 TOTAL - 5 M

## SIGNIFICANT WIND EVENTS

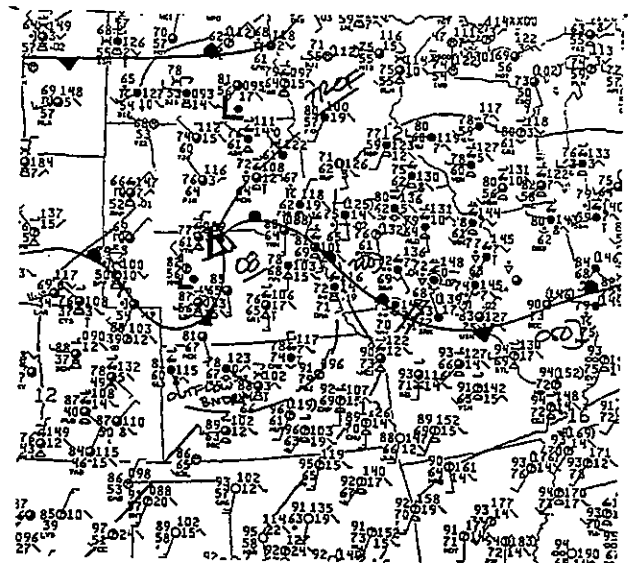
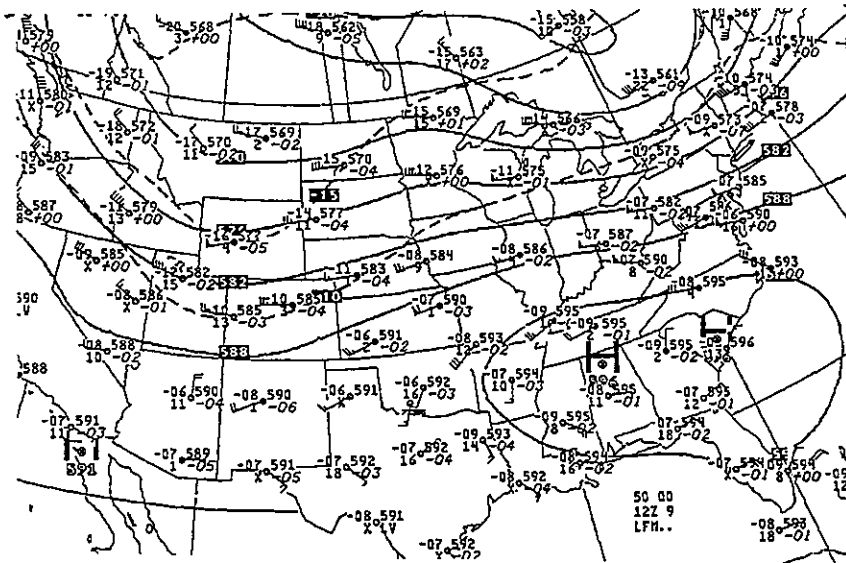
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 9	1350	WIND DAMAGE	IL	COLES..1	W ASHMORE	-	-	5 M
JUL 9	1403	WIND DAMAGE	IL	CLARK..8	E WESTFIELD	-	-	2 M
JUL 9	1755	75 MPH GUST	KS	DICKINSON..5	E NE ABILENE	-	-	---
JUL 9	1805	75 MPH GUST	KS	DICKINSON..	ENTERPRISE	-	-	---
JUL 9	1815	81 MPH GUST	KS	DICKINSON..1	W WOODBINE	-	-	---
JUL 9	2015	75 MPH GUST	KS	JEFFERSON..	VALLEY FALLS	-	-	---

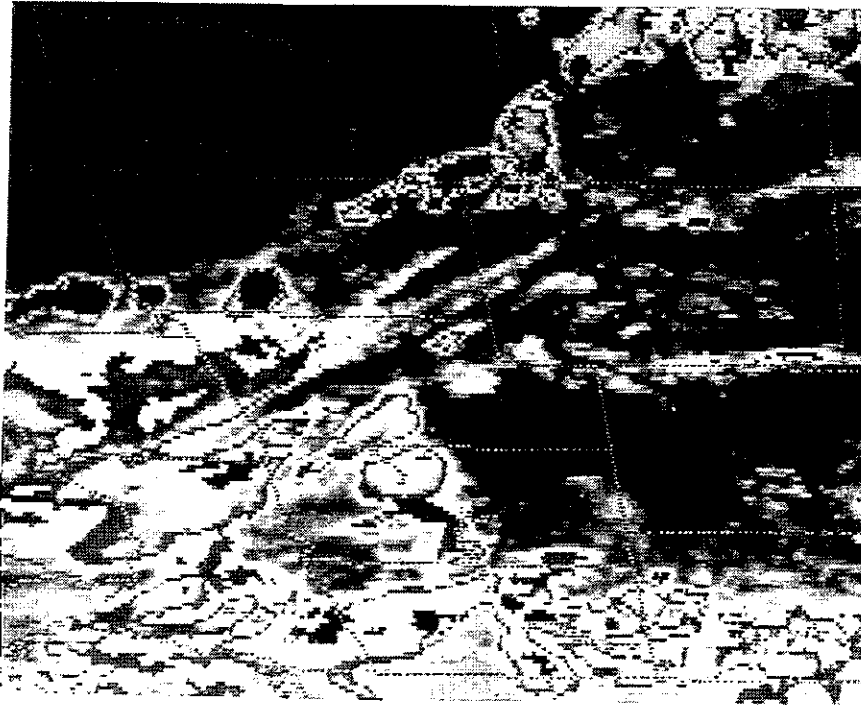
6 TOTAL - 7 M



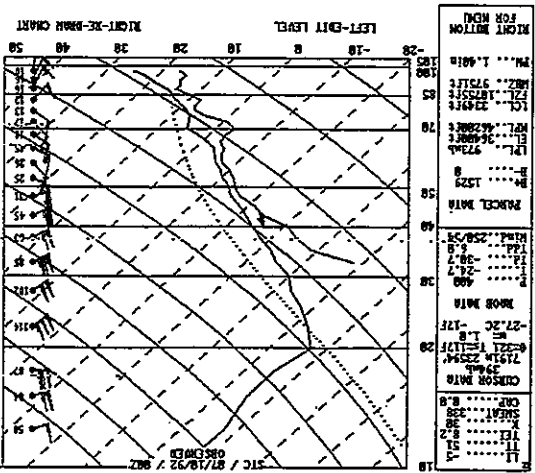
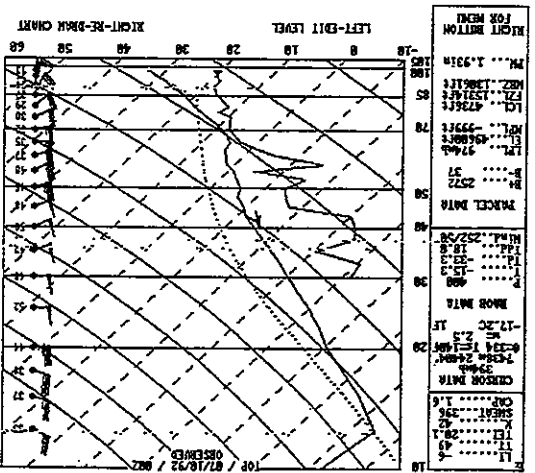
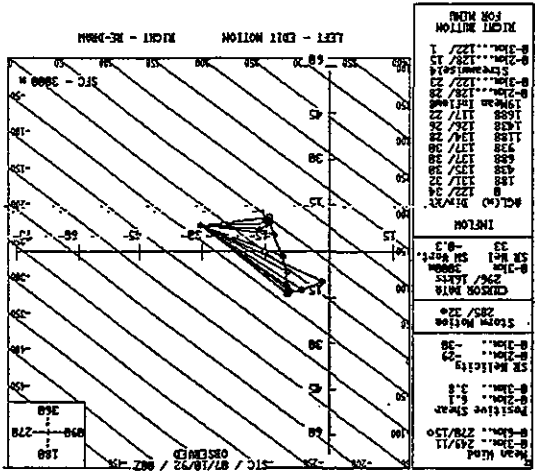
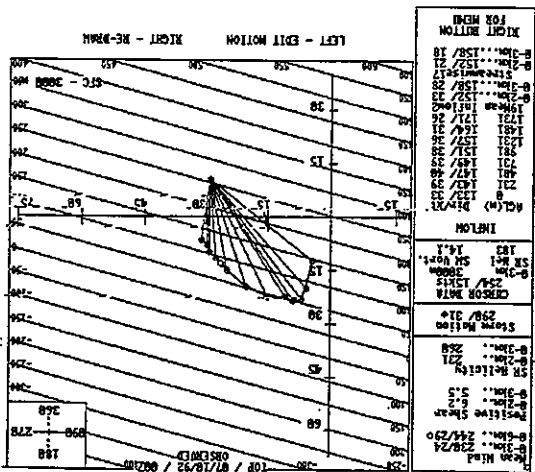
500 MB 12Z

SURFACE MAP 21Z





SATELLITE 23Z 9 JULY





# CASE NO.7

## SURFACE MAP 18Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/10/92 - 0600CST 07/11/92

Total Non-Tornadoic Reports: 122

Large Hail Reports... 15      Damaging Wind Reports... 107

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	6	6	3	0	0	0	15
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

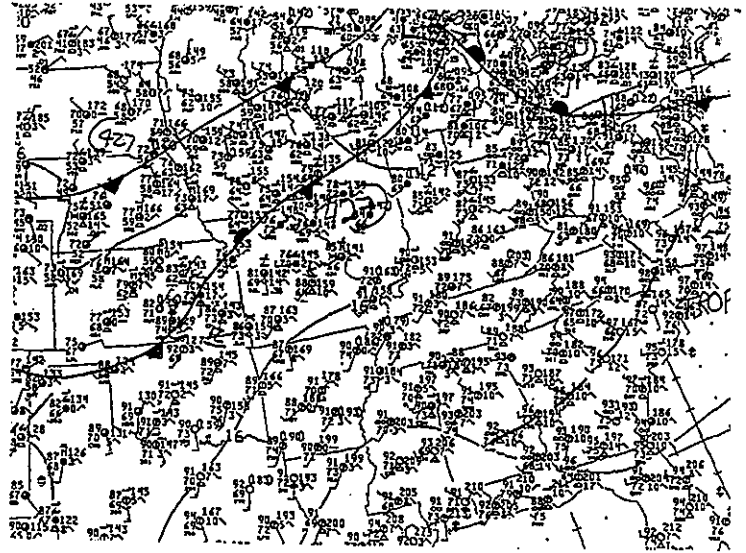
### DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	99	6	1	1	0	0	107
Fatalities	0	0	0	0	0	0	0
Injuries	2	0	0	0	0	0	2

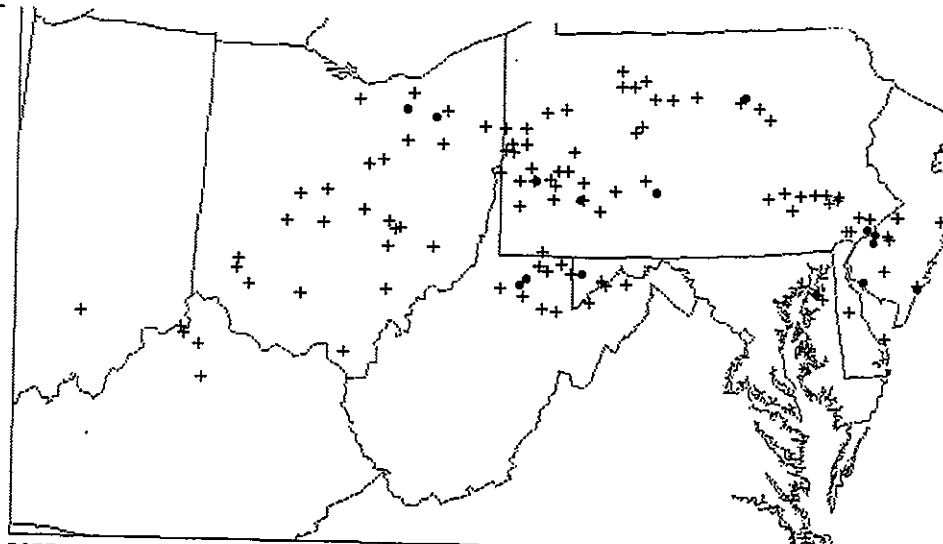
Number of Tornado Segments: 0

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



### ALL SEVERE REPORTS



0600CST 07/10/92 - 0600CST 07/11/92

SEVERE WEATHER R

# CASE NO.7

500 MB 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/10/92 - 0600CST 07/11/92

Total Non-Tornadic Reports: 58

Large Hail Reports... 19      Damaging Wind Reports... 39

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	14	4	1	0	0	0	19
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

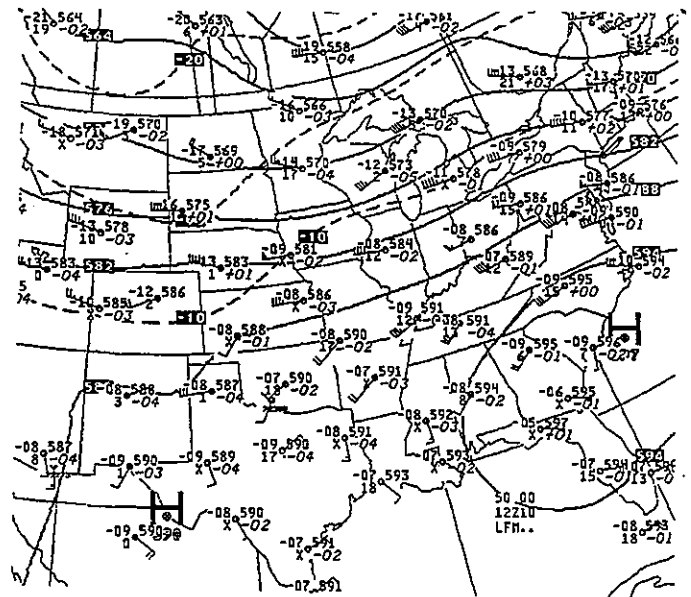
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	13	14	12	0	0	0	39
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

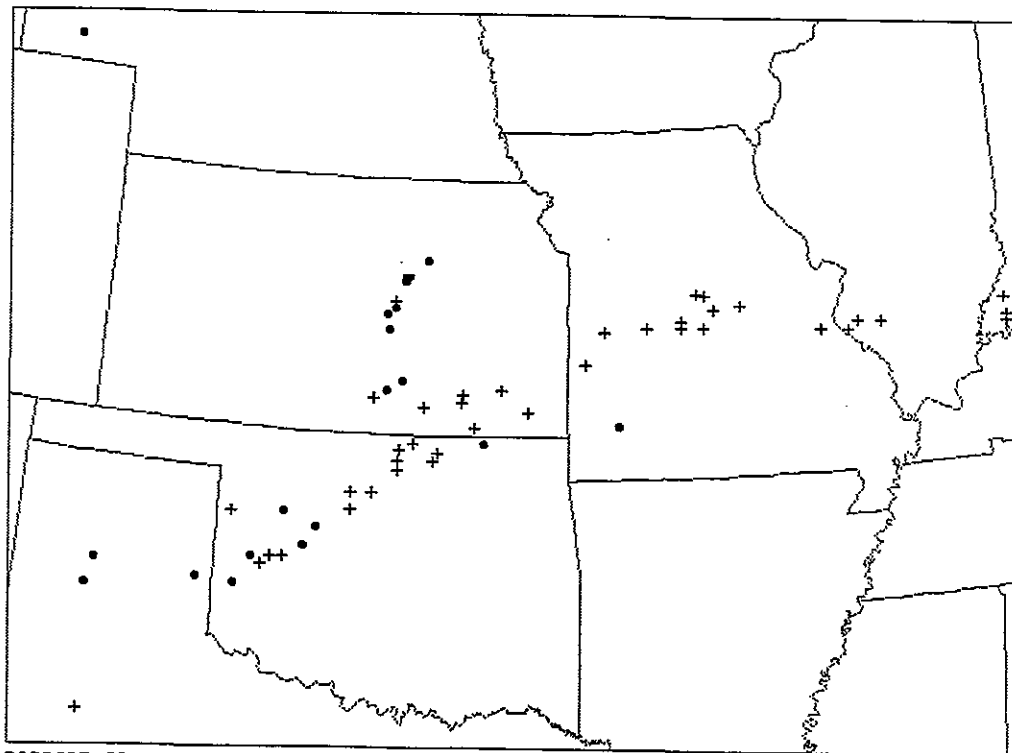
Number of Tornado Segments: 2

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



## ALL SEVERE WEATHER REPORTS



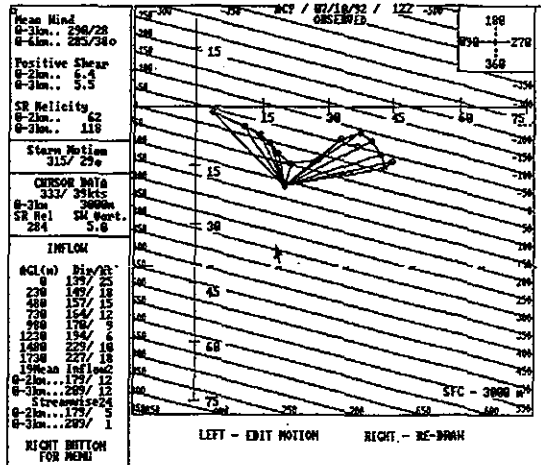
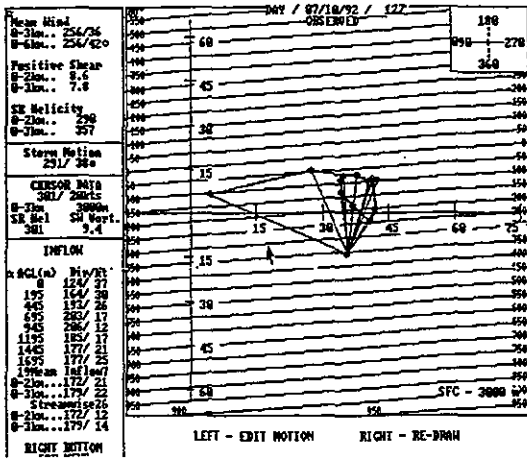
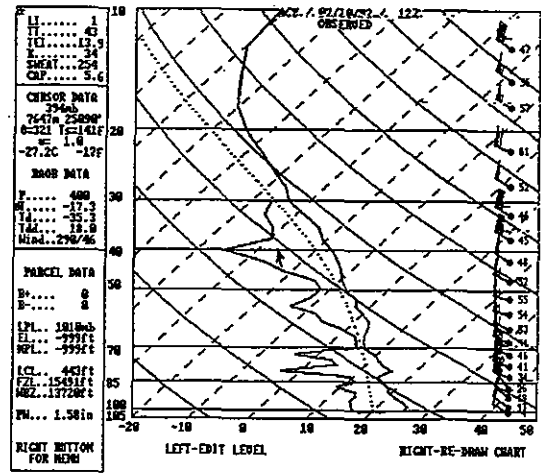
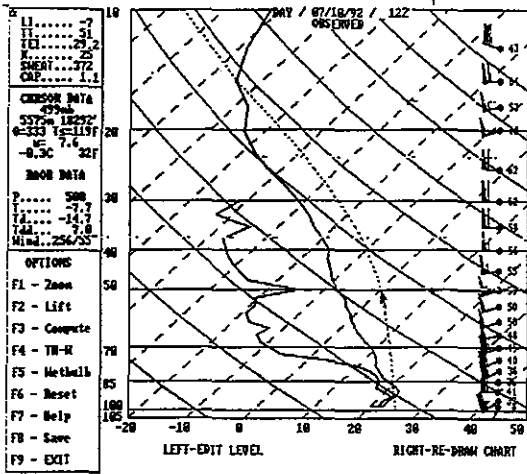
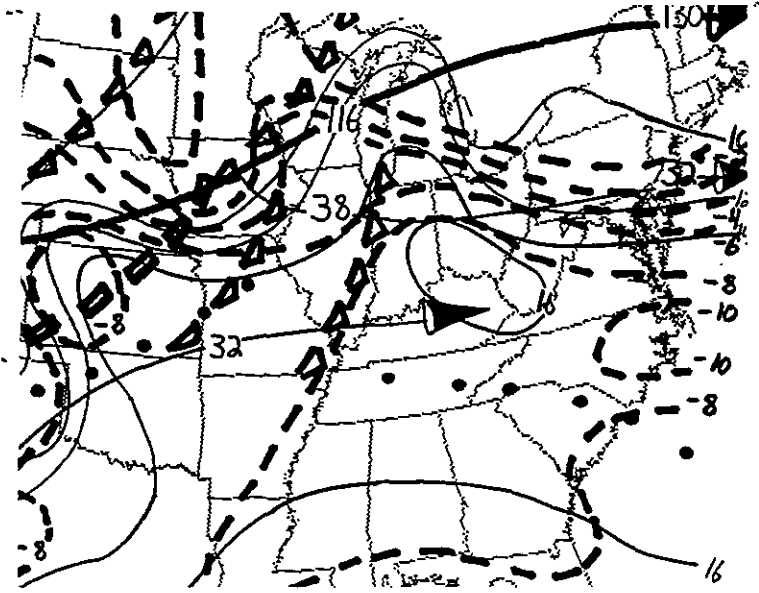
0600CST 07/10/92 - 0600CST 07/11/92

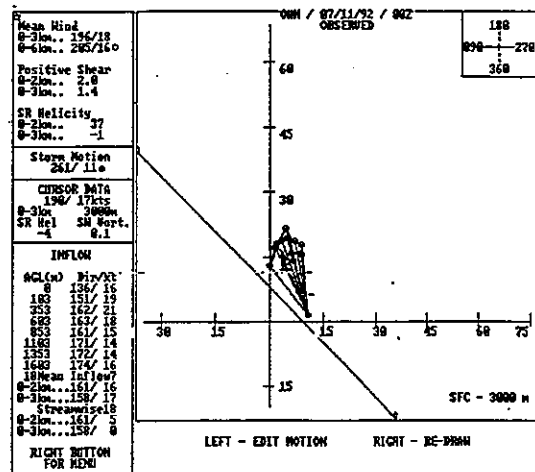
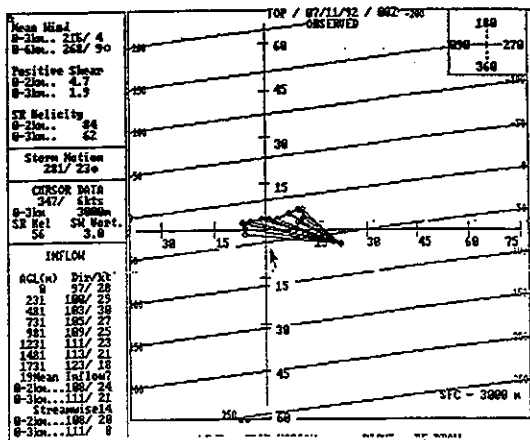
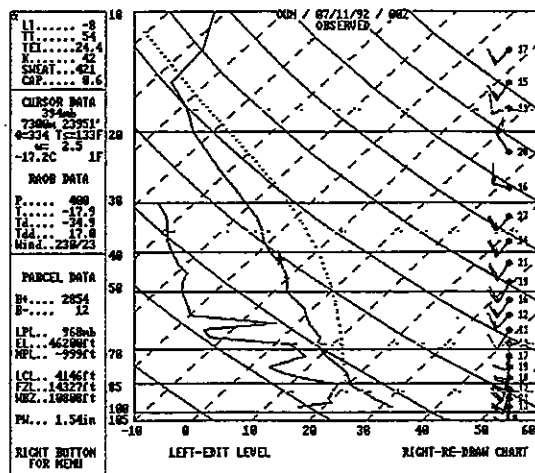
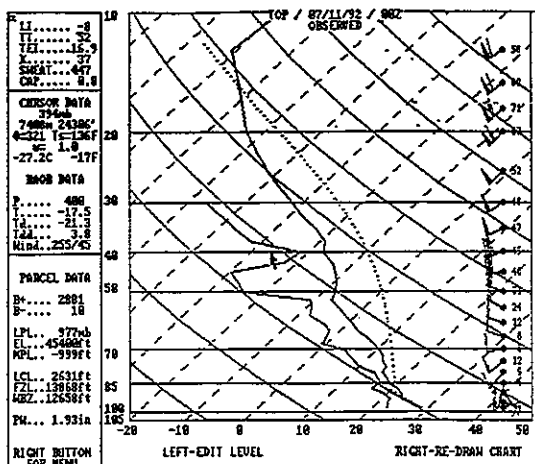
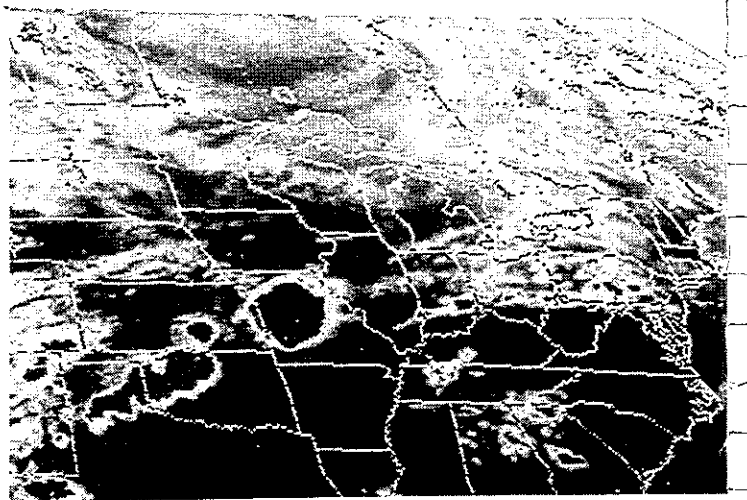
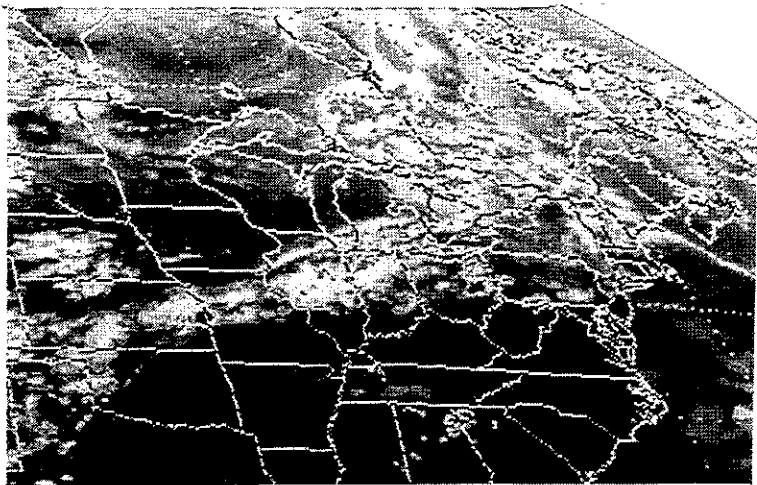
SEVERE WEATHER REPORTS

FRIDAY JULY 10TH, 1992

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 10	1815	100 MPH GUST	NJ	CAMDEN..	ATCO	-	-	-
JUL 10	2030	WIND DAMAGE	KY	SCOTT COUNTY		-	2	1 M
2 TOTAL						-	2	1 M

SIGNIFICANT EVENTS MAP





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/12/92 - 0600CST 07/13/92

Total Non-Tornadic Reports: 22

Large Hail Reports... 1      Damaging Wind Reports... 21

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

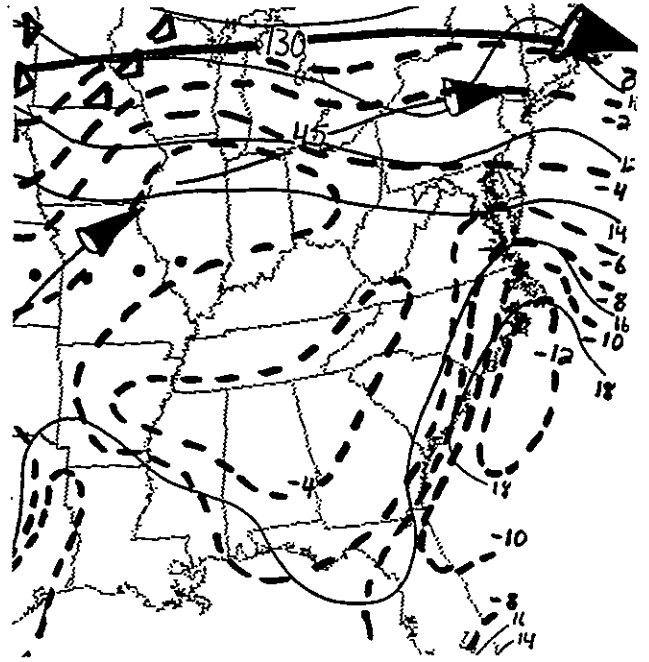
DAMAGING WIND

	WWDG	50	60	70	80	90	TOT
Wind	20	1	0	0	0	0	21
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	0	0	0	0	1

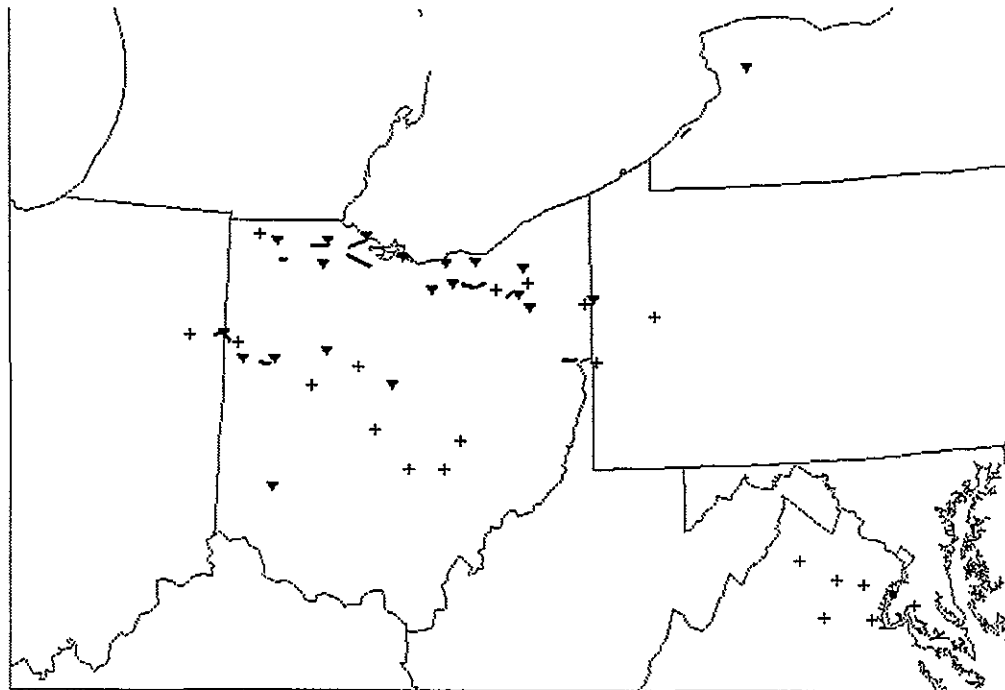
Number of Tornado Segments: 34

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	7	13	12	2	0	0	34
Fatalities	0	0	0	0	0	0	0
Injuries	2	8	22	4	0	0	36



ALL SEVERE REPORTS



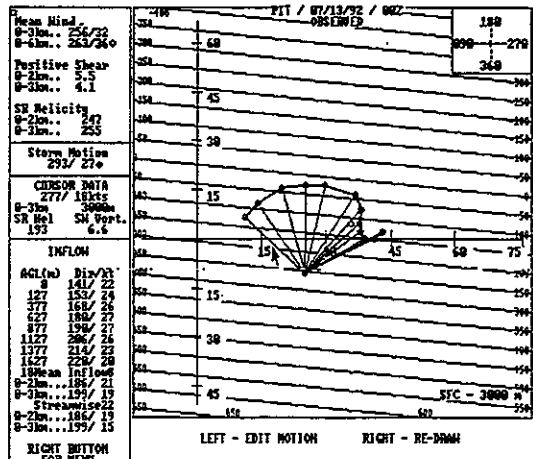
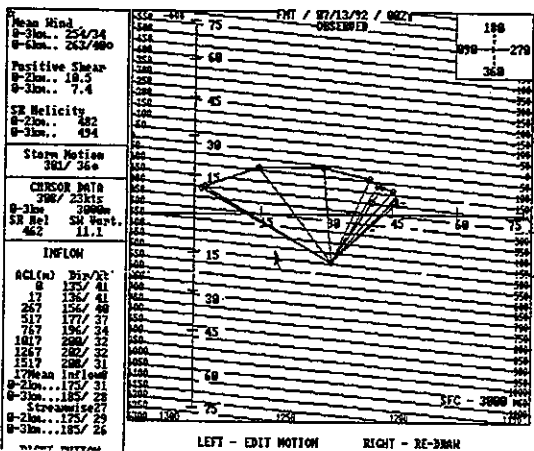
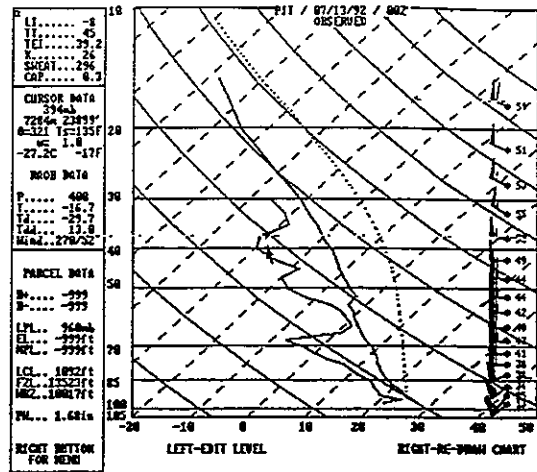
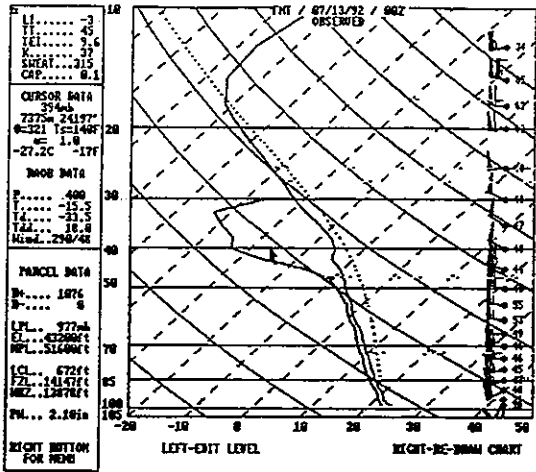
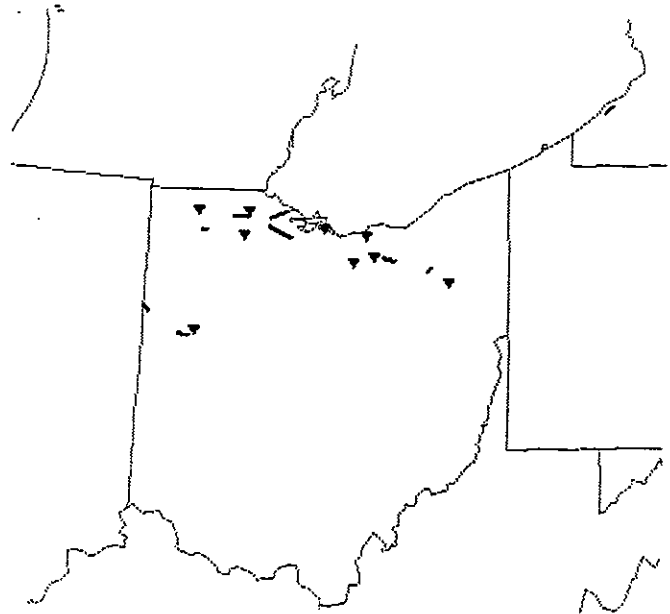
0600CST 07/12/92 - 0600CST 07/13/92

SEVERE WEATHER REPORTS

# SUNDAY JULY 12TH, 1992

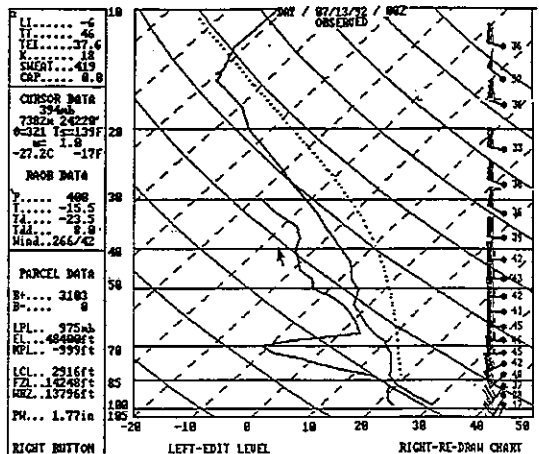
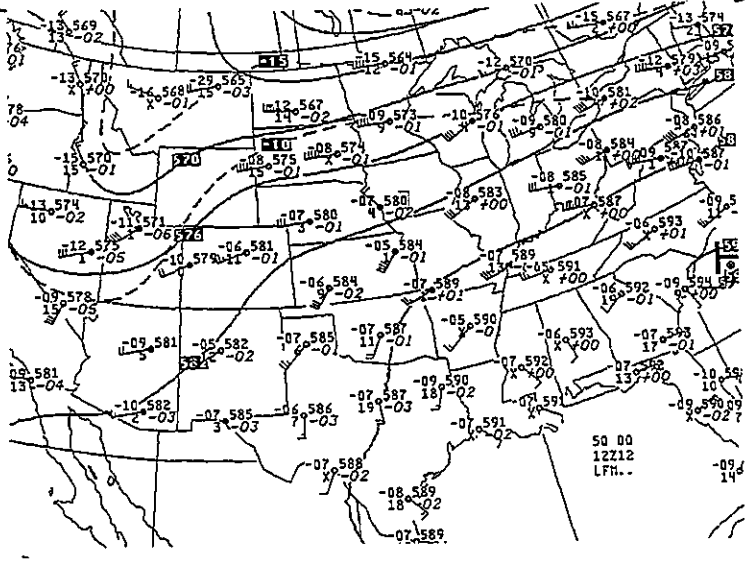
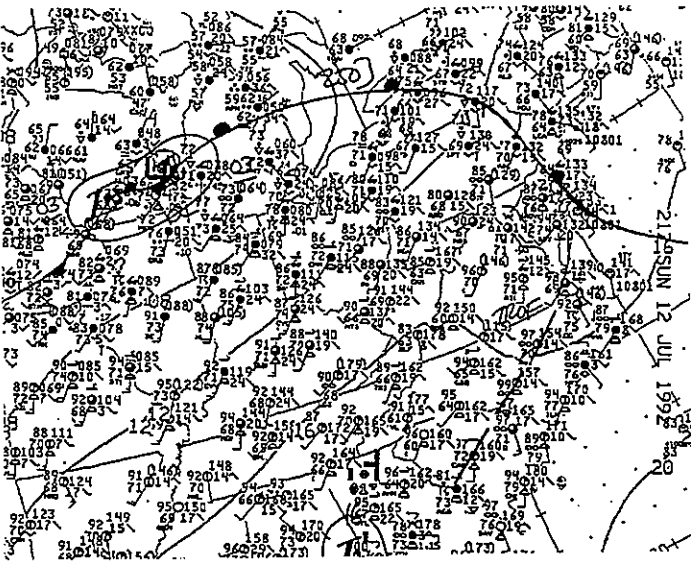
## SIGNIFICANT TORNADO EVENTS

DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JUL 12	1450	F-2	2.0	150	OH	FULTON..1 W PETTISVILLE	8	1	M
JUL 12	1525	F-2	7.0	200	OH	LUCAS/WOOD..WHITE HOUSE	1	1	M
JUL 12	1545	F-2	---	150	OH	WOOD..1 S PERRYSBURG	-	-	---
JUL 12	1545	F-2	1.0	100	OH	WOOD..BOWLING GREEN	-	-	---
JUL 12	1605	F-1	3.0	75	OH	HENRY..2 W NAPOLEON	-	1	---
JUL 12	1615	F-2	10.0	150	OH	OTTAWA..GENOA	-	-	1 M
JUL 12	1630	F-1	11.0	150	OH	SANDUSKY..WOODVILLE	-	3	---
JUL 12	1720	F-2	3.0	75	OH	MERCER..12 NW CELINA	-	-	---
JUL 12	1730	F-2	2.0	400	OH	ERIE..SANDUSKY	-	-	1 M
JUL 12	1745	F-1	5.0	75	OH	AUGLAIZE..ST.MARYS	-	3	1 M
JUL 12	1805	F-1	2.0	200	OH	LORAIN..AMHERST	-	-	1 M
JUL 12	1815	F-1	---	50	OH	AUGLAIZE..WAPAKONETA	-	1	---
JUL 12	1850	F-2	2.0	200	OH	LORAIN..LAGRANGE	-	3	1 M
JUL 12	1850	F-0	1.8	70	OH	LORAIN..LAGRANGE	-	2	1 M
JUL 12	1900	F-2	0.5	100	OH	HURON/6 NNE NEW LONDON	-	-	---
JUL 12	1900	F-3	7.0	300	OH	MEDINA/8NW-5N MEDINA	-	4	1 M
JUL 12	1922	F-3	8.0	100	OH	SUMMIT..CUYAHOGA FALLS	-	-	1 M
JUL 12	1930	F-2	1.0	100	OH	PORTAGE..SHALERSVILLE	-	-	---
JUL 12	1935	F-2	4.0	25	NY	CHAUTAUQUA..FREDONIA	-	-	1 M
<b>19 TOTAL</b>							<b>-</b>	<b>26</b>	<b>11M</b>

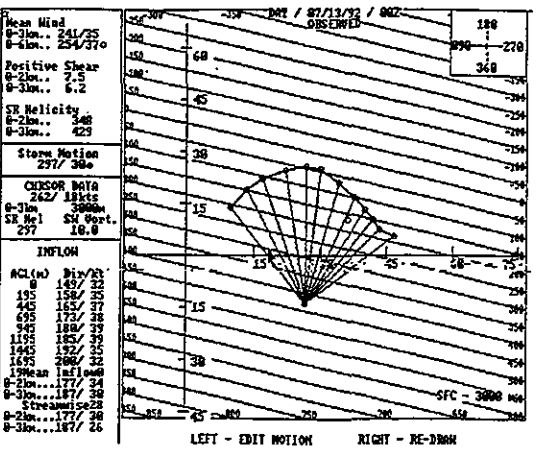
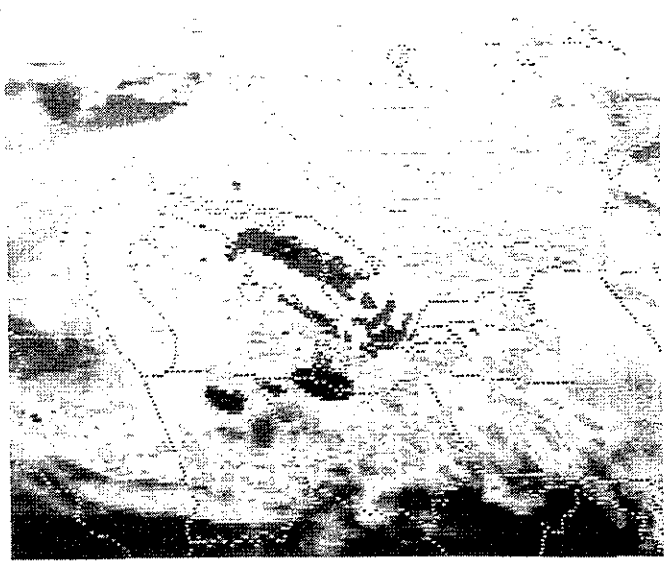


SURFACE MAP 21Z

500 MB 12Z



SATELLITE 21Z 12 JULY

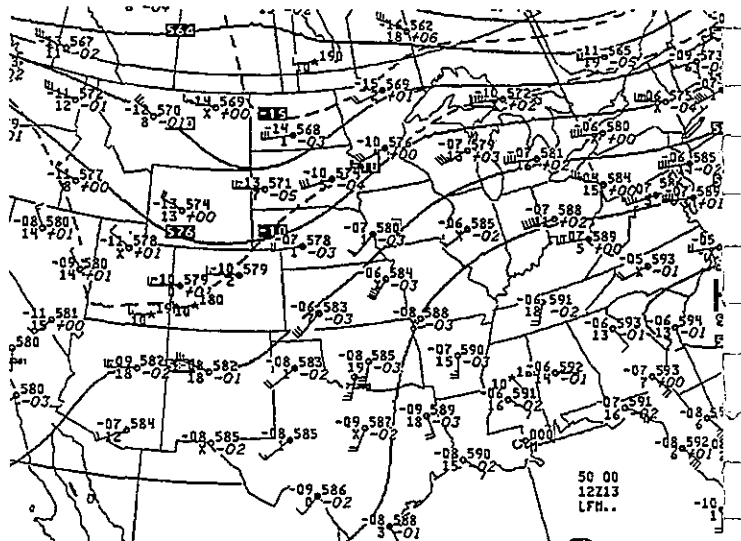


National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/13/92 - 0600CST 07/14/92

Total Non-Tornadic Reports: 89

Large Hail Reports... 11      Damaging Wind Reports... 78



LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	9	2	0	0	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

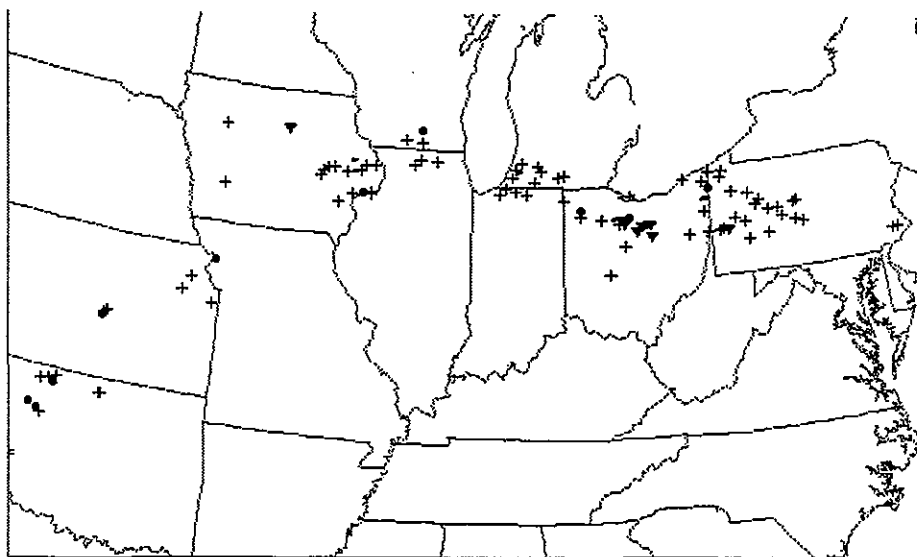
	WNDG	50	60	70	80	90	TOT
Wind	44	30	2	0	1	1	78
Fatalities	0	0	0	0	1	0	1
Injuries	2	0	0	0	2	0	4

Number of Tornado Segments: 12

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	5	3	3	1	0	0	12
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	25	0	0	0	25

ALL SEVERE REPORTS



0600CST 07/13/92 - 0600CST 07/14/92

SEVERE WEATHER



SIGNIFICANT EVENTS MAP

MONDAY JULY 13TH, 1992

**SIGNIFICANT TORNADO EVENTS**

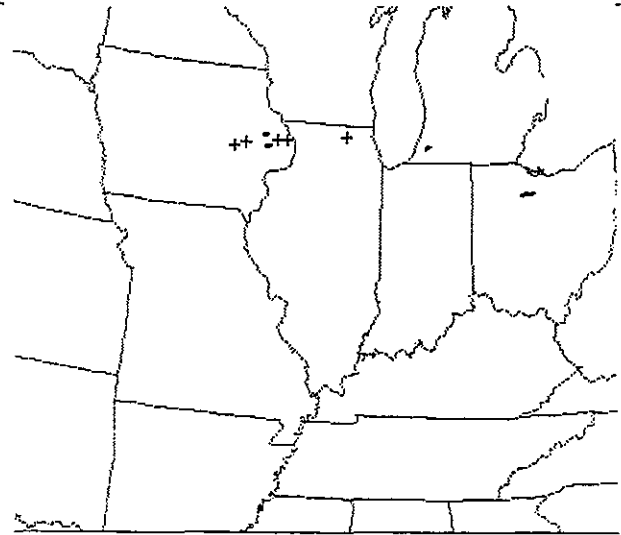
DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUL 13	1452	F-3	5.0 75	IA	JONES..4 E SCOTCH GROVE	-	-	1 M
JUL 13	1507	F-2	5.8 75	IA	JONES..1 NE OXFORD HILLS	-	-	1 M
JUL 13	1532	F-2	16.0 100	OH	SENECA..NEW RIGEL	-	-	---
JUL 13	2014	F-2	4.0 80	MI	CASS..4NW-5N DOWAGNIAC	25	---	---

4 TOTAL - 25 2 M

**SIGNIFICANT WIND EVENTS**

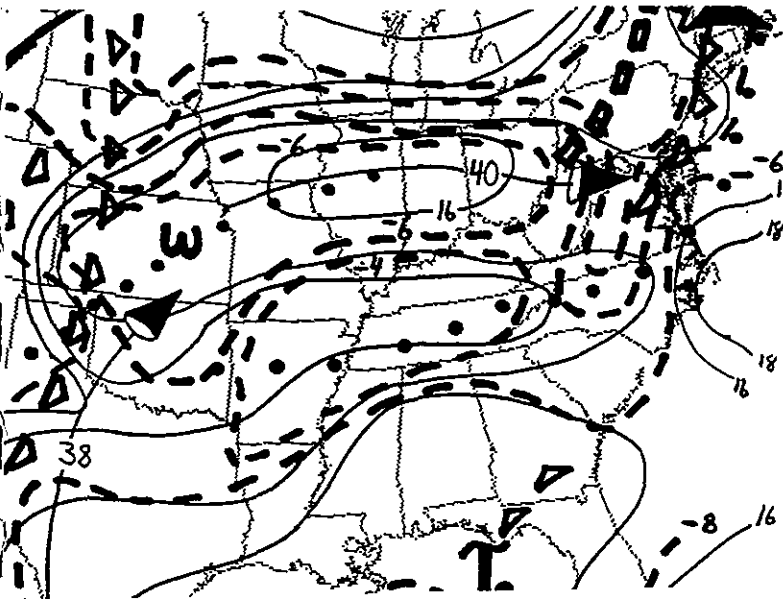
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUL 13	1346	75 MPH GUST	IA	BENTON..WATKINS	-	-	---
JUL 13	1405	100 MPH GUST	IA	LINN..CEDAR RAPIDS	1	2	1 M
JUL 13	1440	75 MPH GUST	IA	JONES..OXFORD HILLS	-	-	---
JUL 13	1519	110 MPH GUST	IA	JACKSON..1.5 N PRESTON	-	-	---
JUL 13	1715	WIND DAMAGE	IL	MCHENRY..MARENGO	-	-	---

5 TOTAL 1 2 1 M

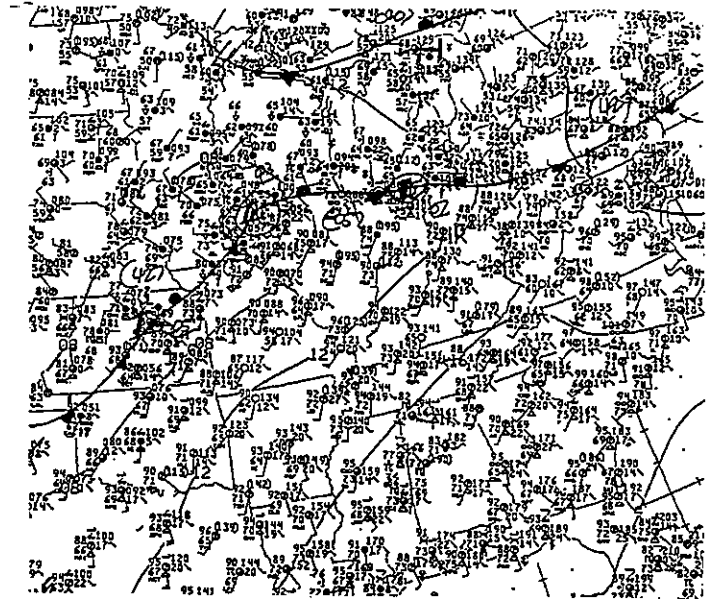


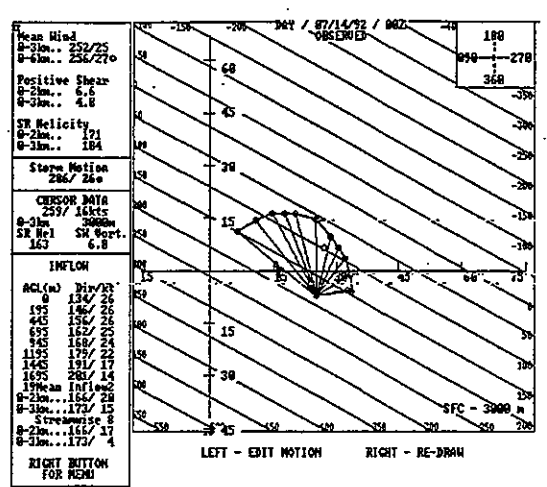
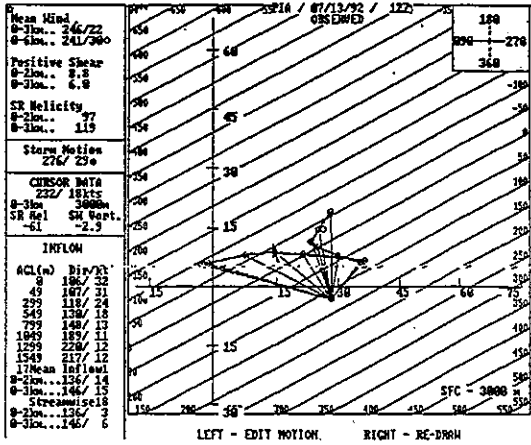
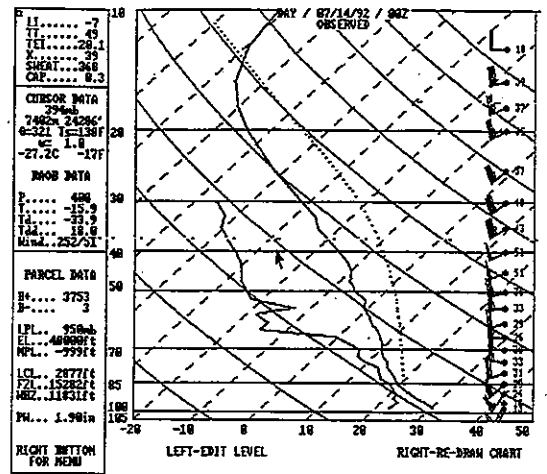
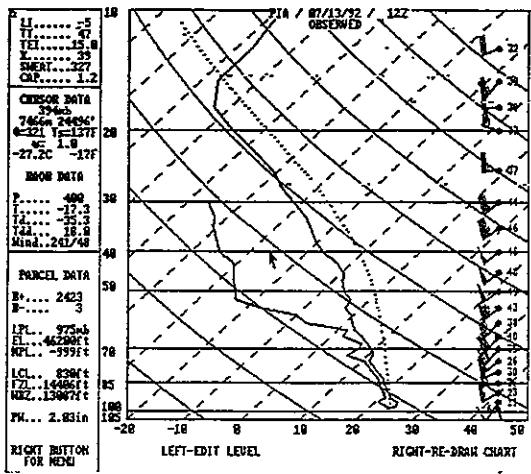
07/13/92 - 0600CST 07/14/92

COMPOSITE MAP 12Z

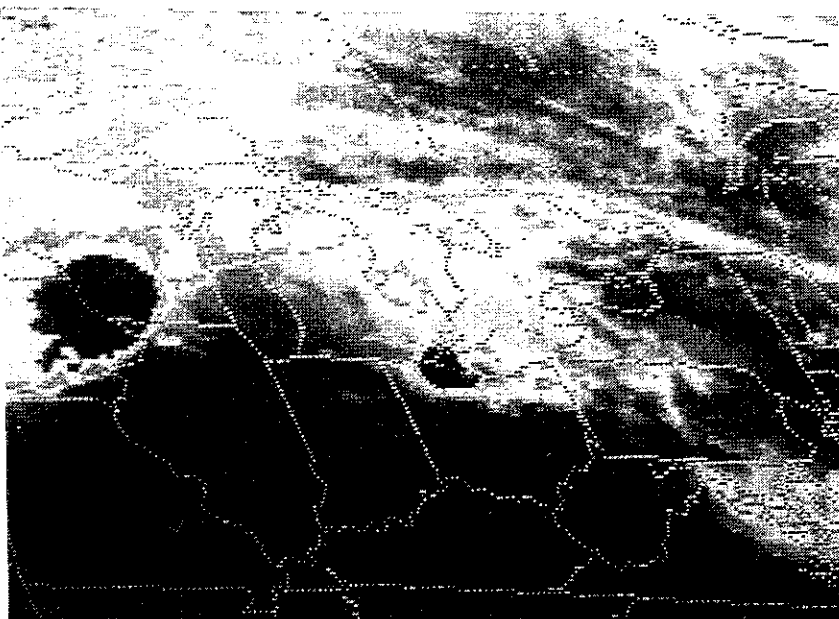


SURFACE MAP 21Z





SATELLITE 21Z 13 JULY



National Severe Storms Forecast Center  
Severe Thunderstorms and Tornado Database  
Page 1

0600CST 07/14/92 - 0600CST 07/15/92

Total Non-Tornadic Reports: 91

Large Hail Reports... 3      Damaging Wind Reports... 88

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	2	1	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

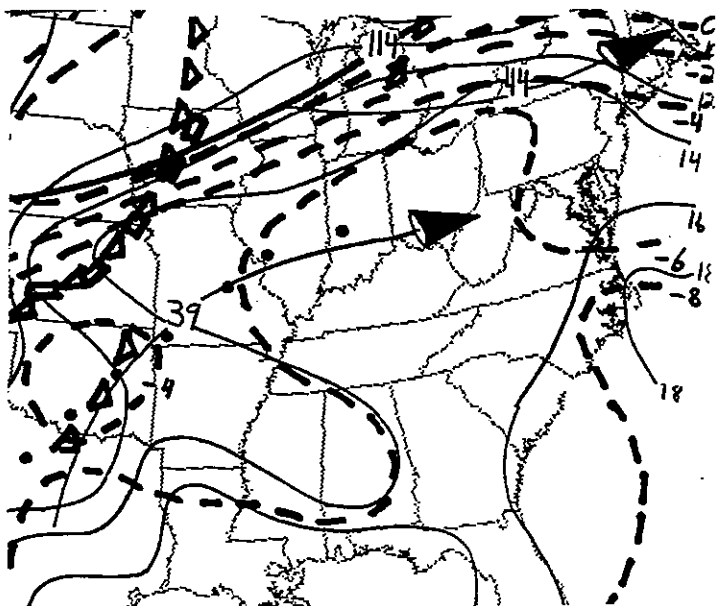
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	85	2	1	0	0	0	88
Fatalities	0	0	0	0	0	0	0
Injuries	2	0	0	0	0	0	2

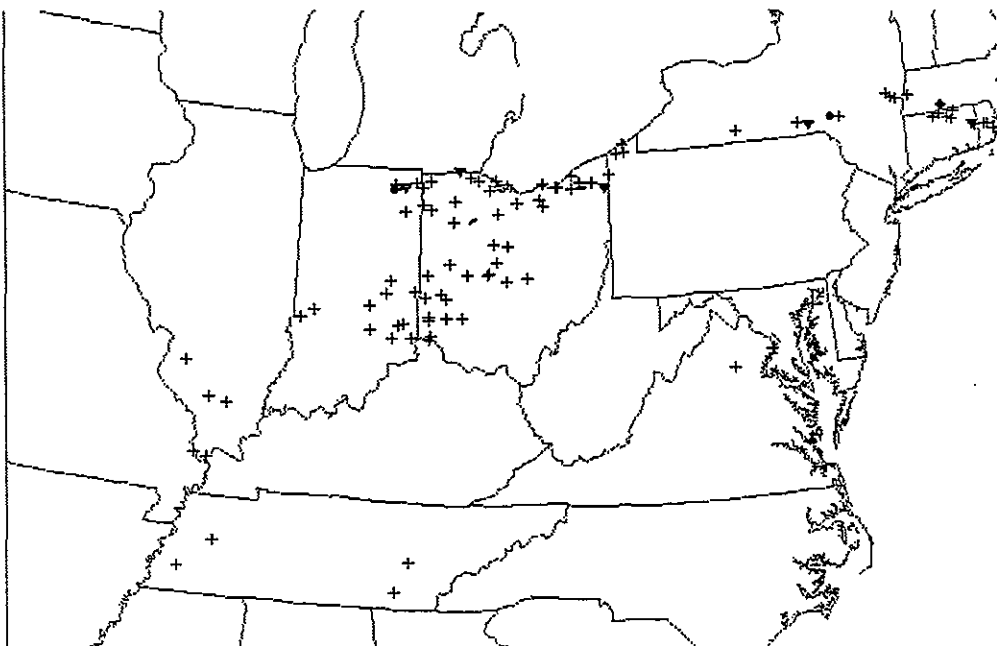
Number of Tornado Segments: 8

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	4	2	0	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	28	0	0	0	28



ALL SEVERE REPORTS



0600CST 07/14/92 - 0600CST 07/15/92

SEVERE WEATHER REPORTS

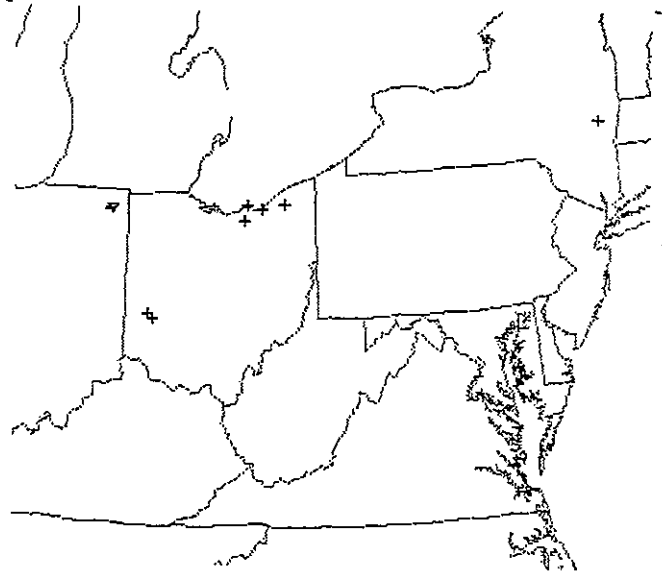
**TUESDAY JULY 14TH, 1992**

**SIGNIFICANT TORNADE EVENTS**

DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JUL 14	1410	F-2	8.0	150	IN	NOBLE/DEKALB CO.	-	28	13M
<b>1 TOTAL</b>							-	28	13M

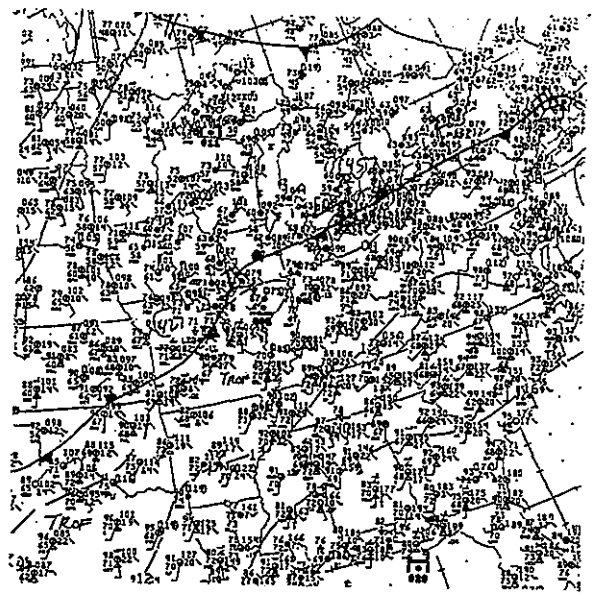
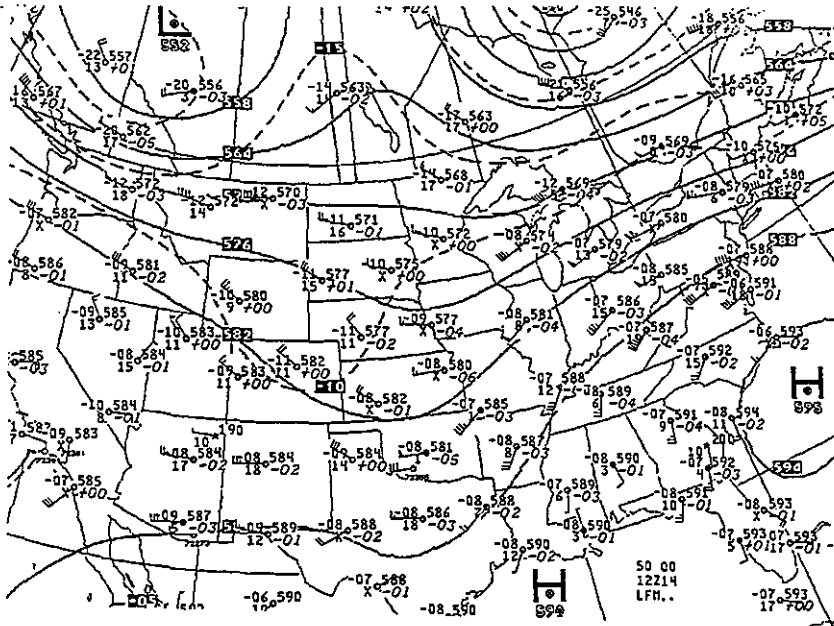
**SIGNIFICANT WIND EVENTS**

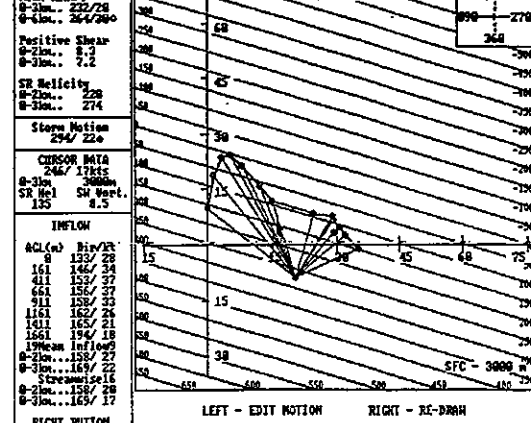
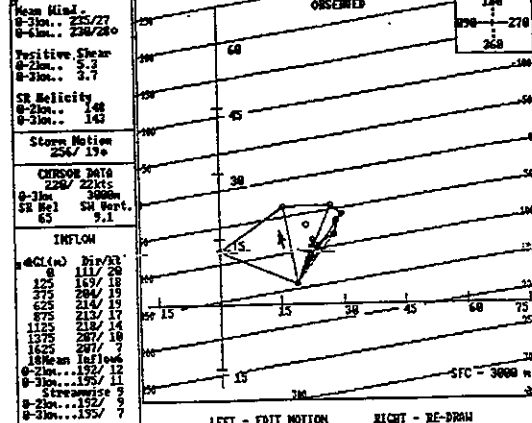
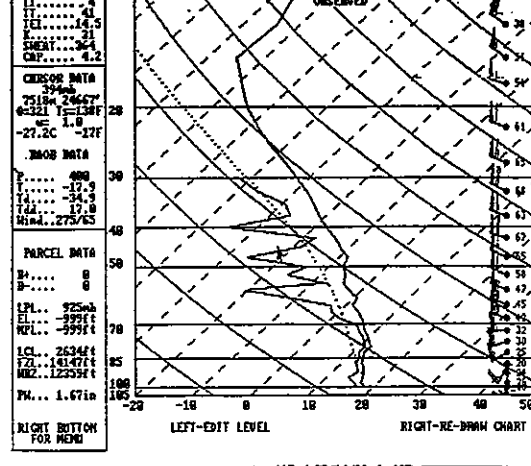
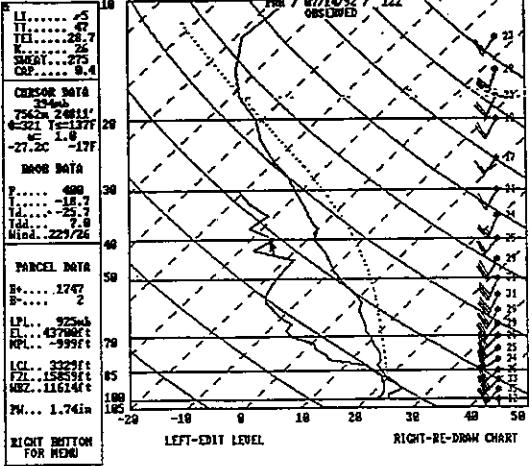
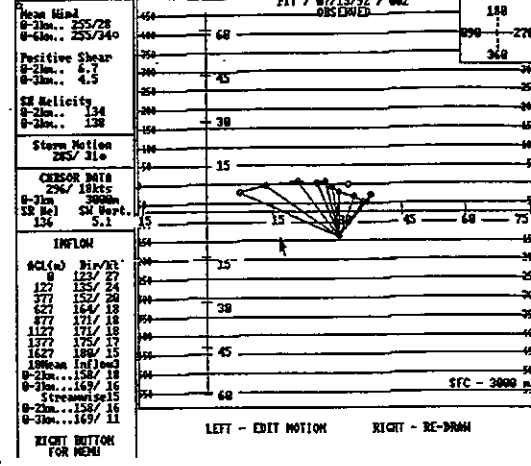
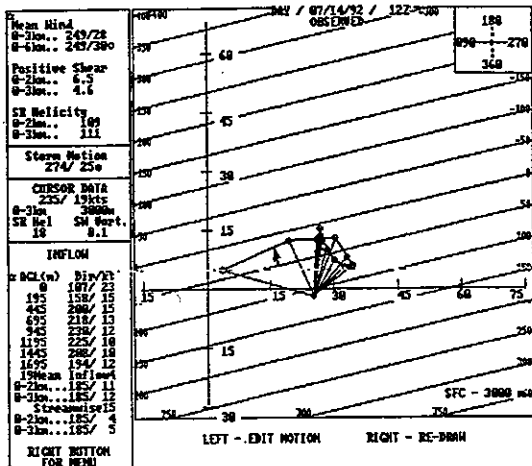
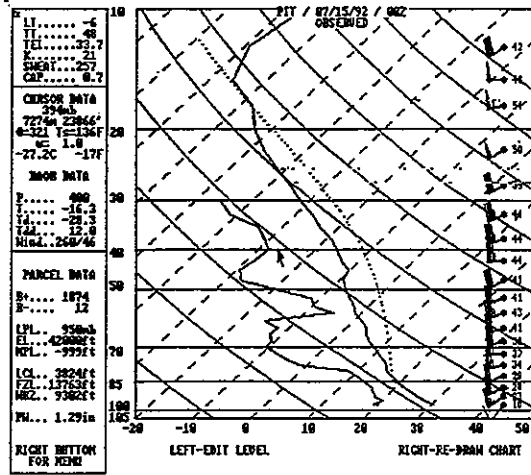
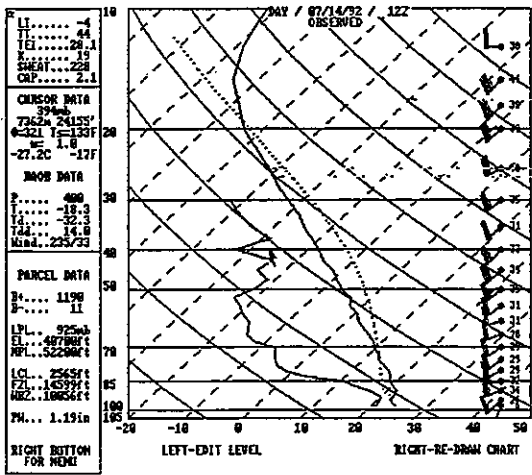
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG	
JUL 14	1400	77 MPH GUST	NY	GREENE..NEW BALTIMORE	-	-	---	
JUL 14	1720	WIND DAMAGE	OH	LORAIN COUNTY	-	-	1 M	
JUL 14	1724	WIND DAMAGE	OH	CUYAHOGA COUNTY	-	-	1 M	
JUL 14	1800	WIND DAMAGE	OH	LORAIN..AVON LAKE	-	-	1 M	
JUL 14	1815	WIND DAMAGE	OH	MONTGOMERY COUNTY	-	-	1 M	
JUL 14	1816	WIND DAMAGE	OH	GEAUGA COUNTY	-	-	1 M	
JUL 14	1830	WIND DAMAGE	OH	MONTGOMERY COUNTY	-	-	1 M	
<b>7 TOTAL</b>							-	2 5 M



500 MB 12Z

SURFACE MAP 21Z





# CASE NO.11

## SURFACE MAP 18Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/15/92 - 0600CST 07/16/92

Total Non-Tornadoic Reports: 79

Large Hail Reports... 9      Damaging Wind Reports... 70

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	1	6	1	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

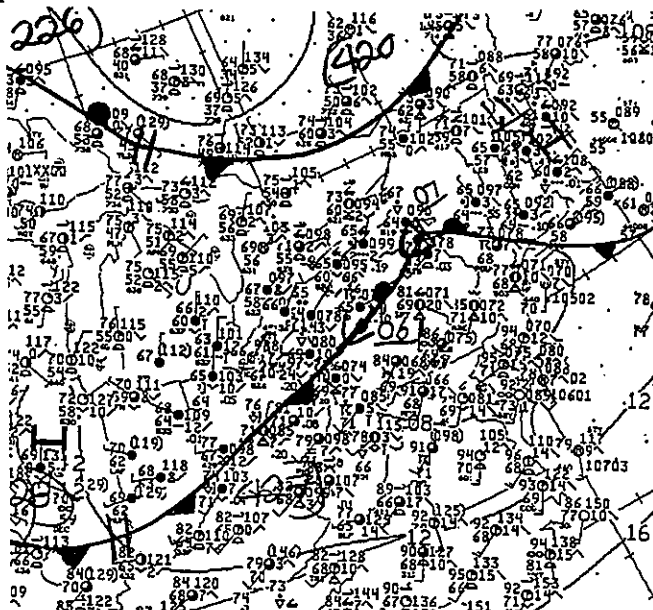
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	61	8	1	0	0	0	70
Fatalities	1	0	0	0	0	0	1
Injuries	25	0	0	0	0	0	25

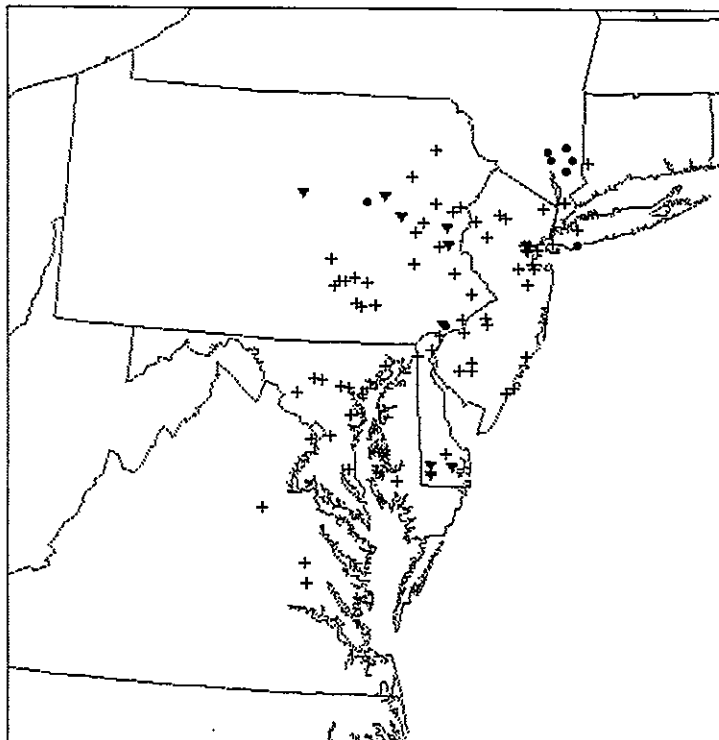
Number of Tornado Segments: 10

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	5	1	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	2	0	0	0	2

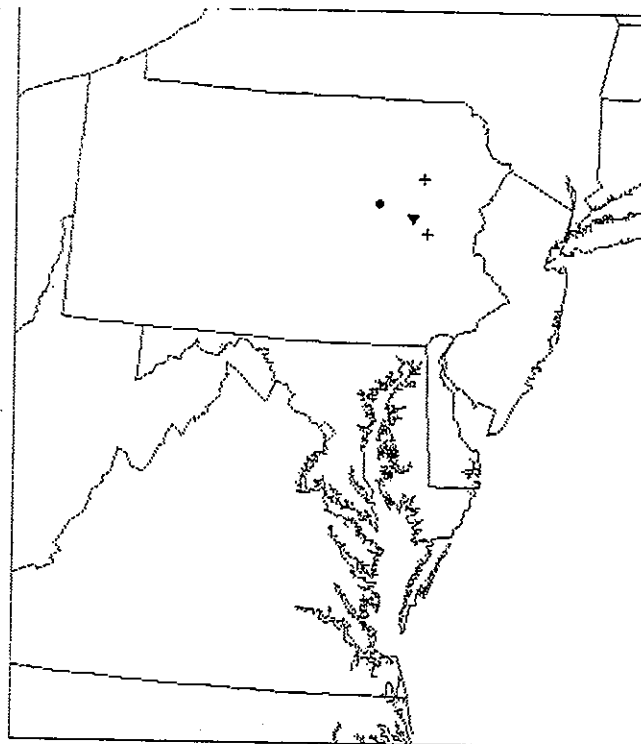


### ALL SEVERE REPORTS



0600CST 07/15/92 - 0600CST 07/16/92

### SIGNIFICANT EVENTS MAP



0600CST 07/15/92 - 0600CST 07/16/92

CASE NO.11

SURFACE MAP 21Z

National Severe Storms Forecast Center  
Severe Thunderstorms and Tornado Database  
Page 1

0600CST 07/15/92 - 0600CST 07/16/92

Total Non-Tornadoic Reports: 129

Large Hail Reports... 81 Damaging Wind Reports... 48

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	48	8	22	2	0	1	81
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

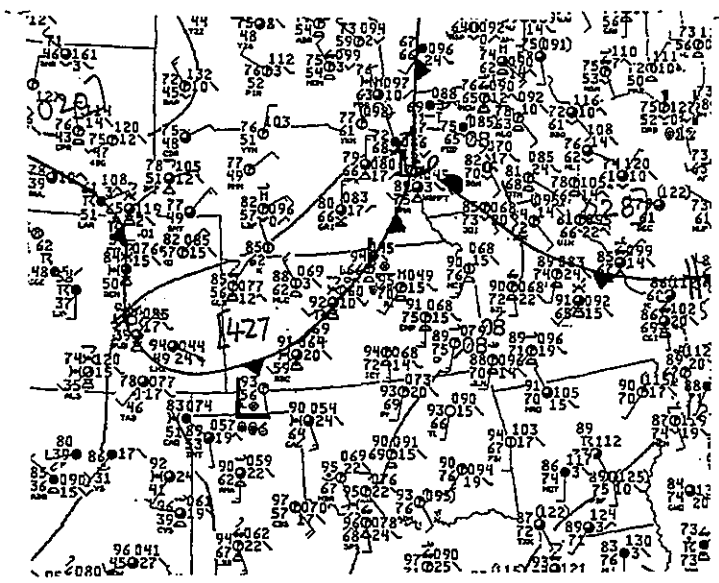
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	23	16	8	1	0	0	48
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

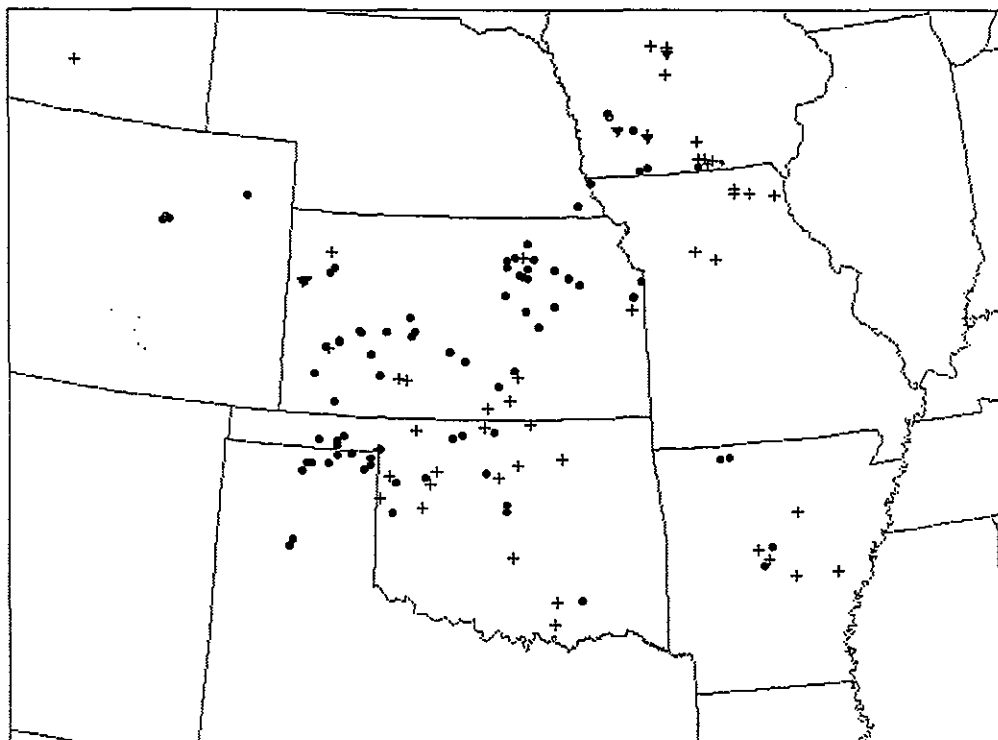
Number of Tornado Segments: 6

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	1	1	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 07/15/92 - 0600CST 07/16/92

SEVERE WEATHER REPORTS

SIGNIFICANT EVENTS MAP

WEDNESDAY JULY 15TH, 1992

**SIGNIFICANT TORNADO EVENTS**

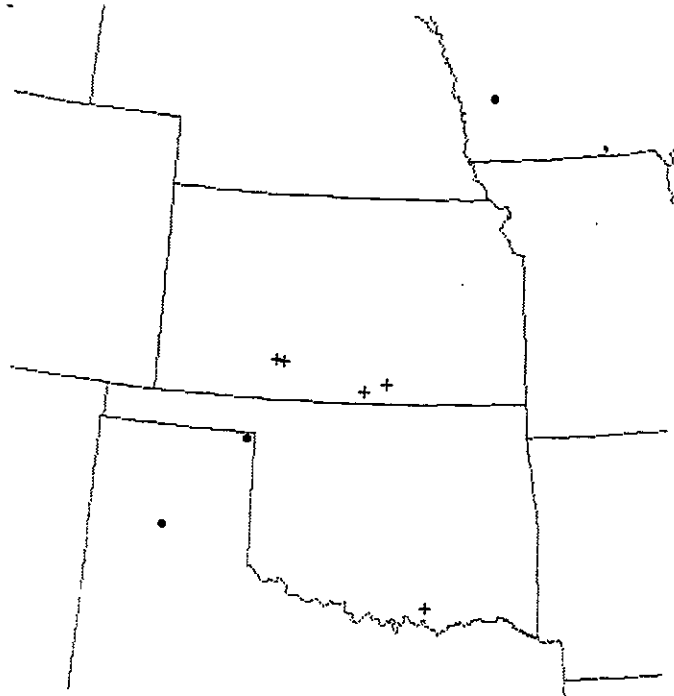
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JUL 15	1507	F-2	1.5	50	PA	SCHUYLKILL..KELAYERS	-	2	1 M
JUL 15	2052	F-2	3.0	70	IA	APPANOOSE/CENTERVILLE	-	-	----
<b>2 TOTAL</b>							-	2	1 M

**SIGNIFICANT HAIL EVENTS**

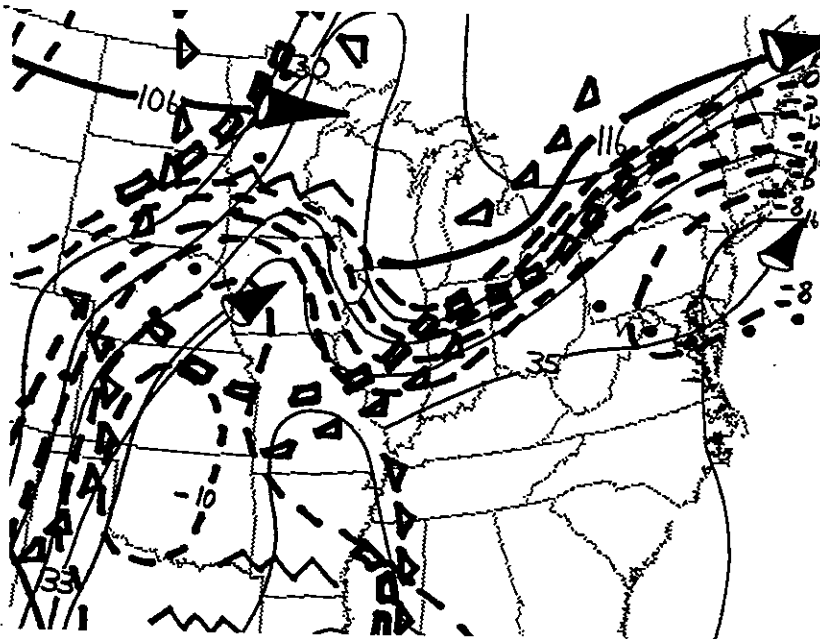
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG	
JUL 15	1255	2.00 INCH	PA	COLUMBIA..	BLOOMSBURG	-	----	
JUL 15	1653	2.50 INCH	IA	POTTAWATTAMIE..	WALNUT	-	----	
JUL 15	1800	2.50 INCH	TX	LIPSCOMB..	3 S FOLLETT	-	----	
JUL 15	1911	4.50 INCH	TX	RANDALL..	12 SE AMARILLO	-	----	
<b>4 TOTAL</b>							-	----

**SIGNIFICANT WIND EVENTS**

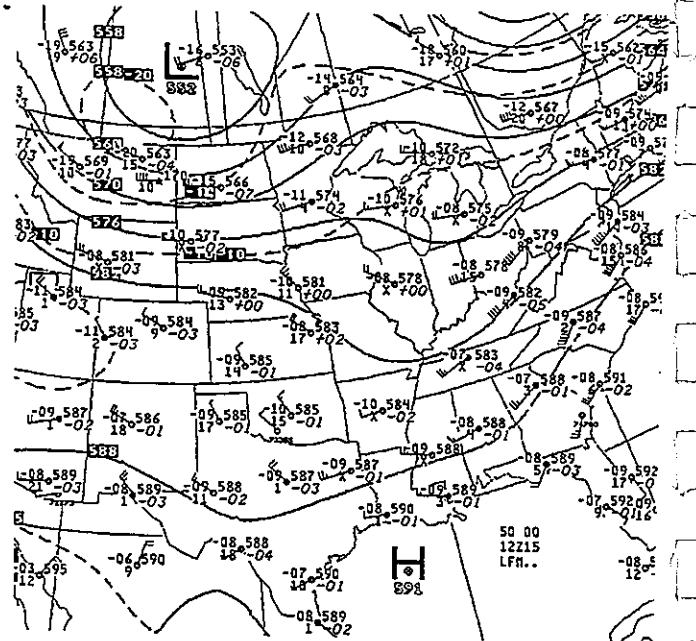
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 15	1330	WIND DAMAGE	PA	LUZERNE..	WILKES BARRE	-	25	1 M
JUL 15	1530	WIND DAMAGE	PA	SCHUYLKIL/2	SW ANDREAS	1	-	----
JUL 15	1545	75 MPH GUST	OK	MARSHALL..	CUMBERLAND	-	-	----
JUL 15	1810	78 MPH GUST	KS	FORD..	BUCKLIN	-	-	----
JUL 15	1832	75 MPH GUST	KS	KIOWA..	3 S MULLINVILLE	-	-	----
JUL 16	0045	81 MPH GUST	KS	SUMNER..	WELLINGTON	-	-	----
JUL 16	0047	75 MPH GUST	KS	HARPER..	8 E ANTHONY	-	-	----
<b>7 TOTAL</b>							1	25 1 M



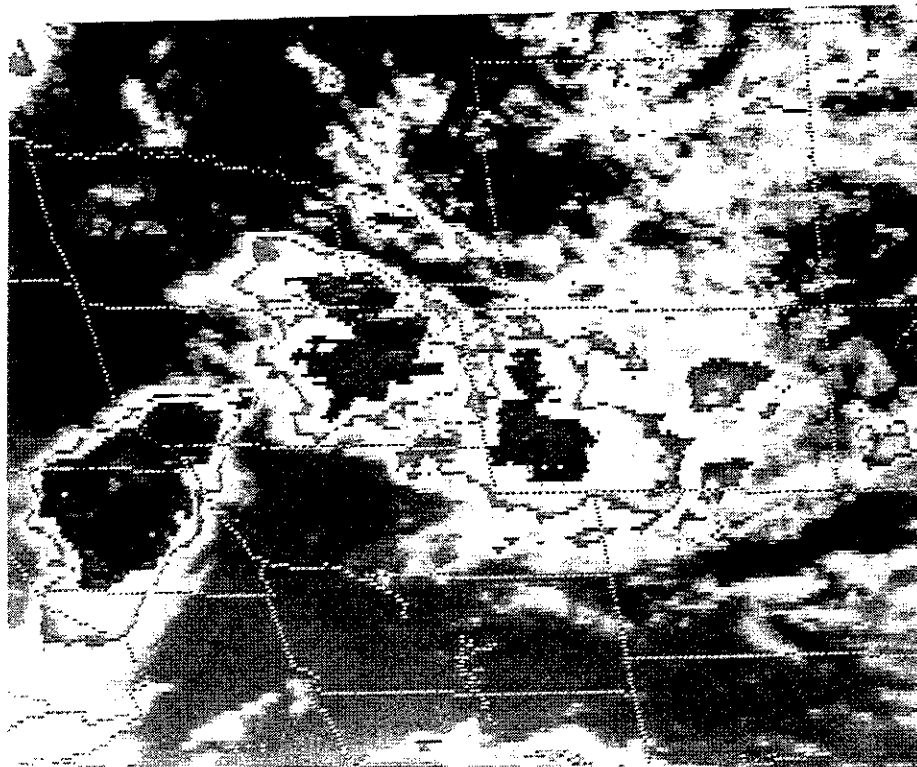
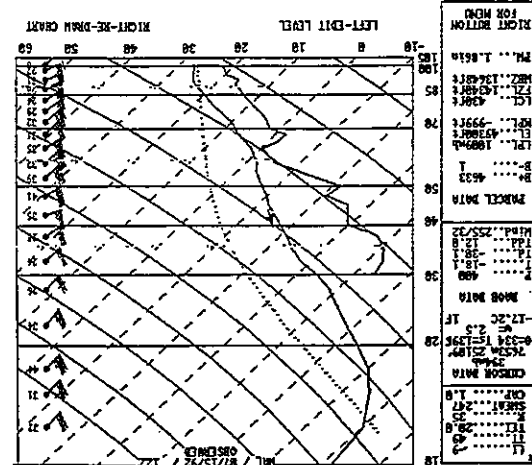
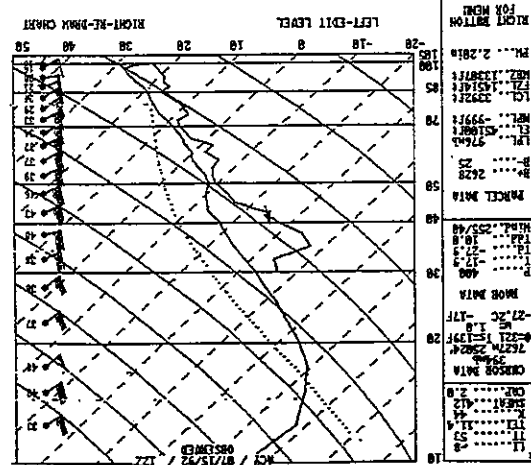
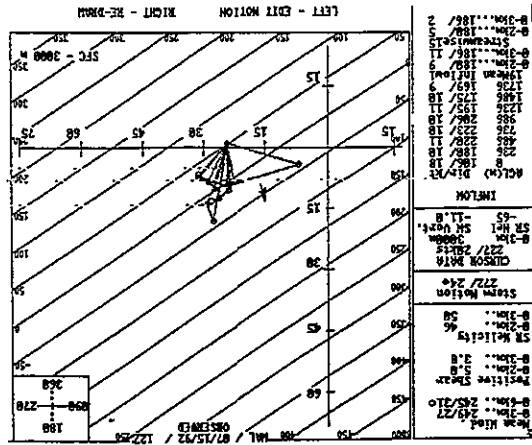
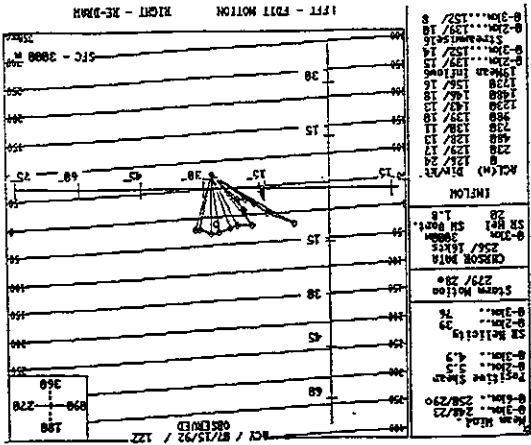
COMPOSITE MAP 12Z



500 MB 12Z







SATELLITE 00Z 16 JULY



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/17/92 - 0600CST 07/18/92

Total Non-Tornadic Reports: 15

Large Hail Reports... 2      Damaging Wind Reports... 13

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

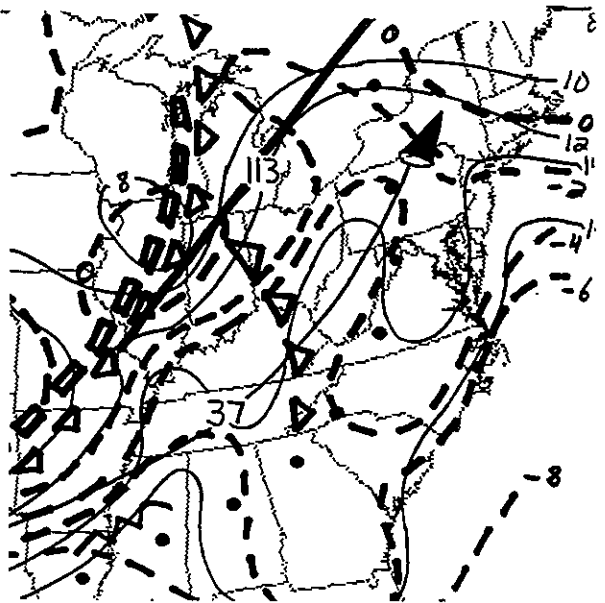
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	11	2	0	0	0	0	13
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

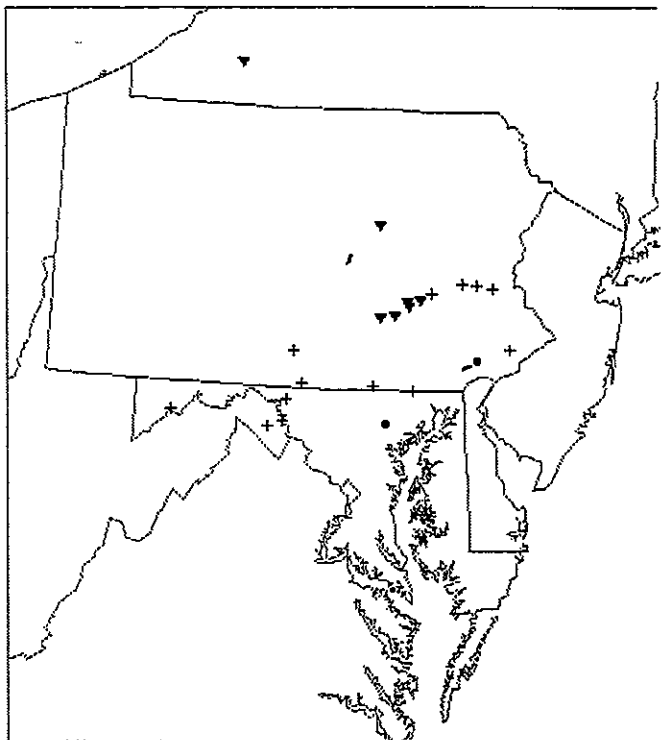
Number of Tornado Segments: 9

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	5	2	0	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	0	4	0	0	0	0	4

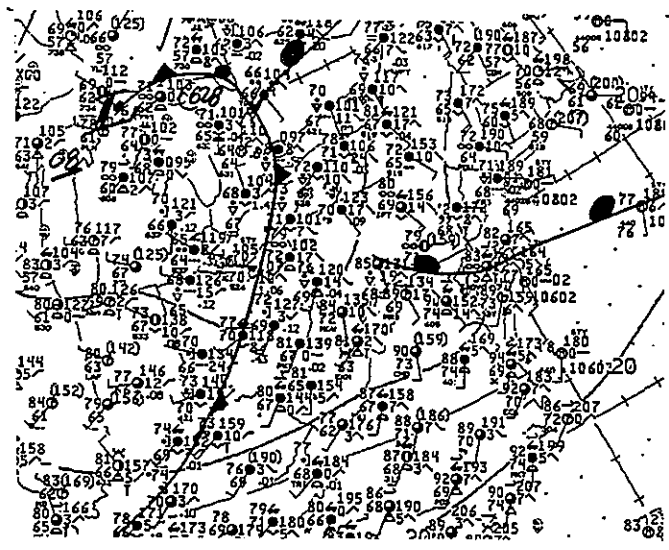


ALL SEVERE REPORTS



0600CST 07/17/92 - 0600CST 07/18/92

SURFACE MAP 18Z



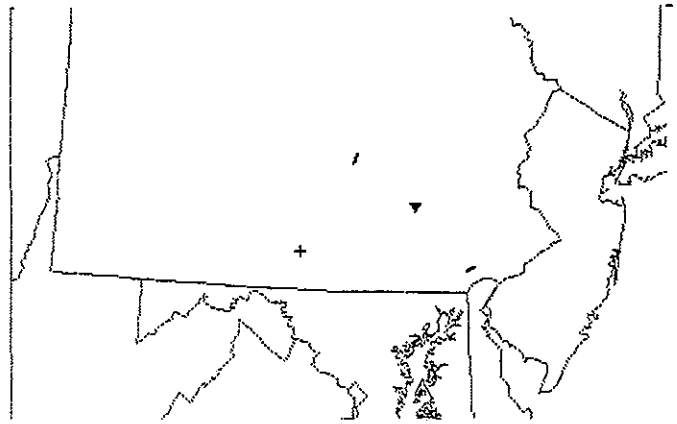
# FRIDAY JULY 17TH, 1992

## SIGNIFICANT TORNADO EVENTS

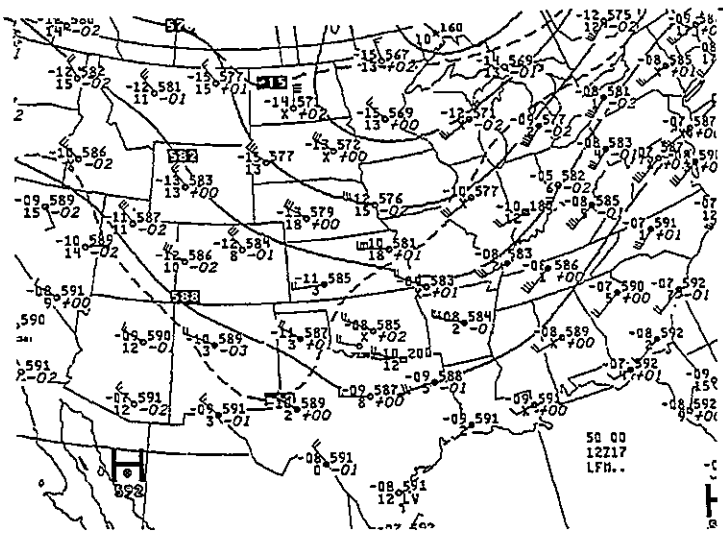
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	IND	DMG
JUL 17	1544	F-1	4.5	75	PA	SNYDER COUNTY	-	4	---
JUL 17	1710	F-2	1.0	30	PA	LEBANON..3 N AVON	-	-	---
JUL 17	1830	F-2	4.0	100	PA	CHESTER/2W-1NE UNIONVILLE	-	-	---
<b>3 TOTAL</b>							-	4	---

## SIGNIFICANT WIND EVENTS

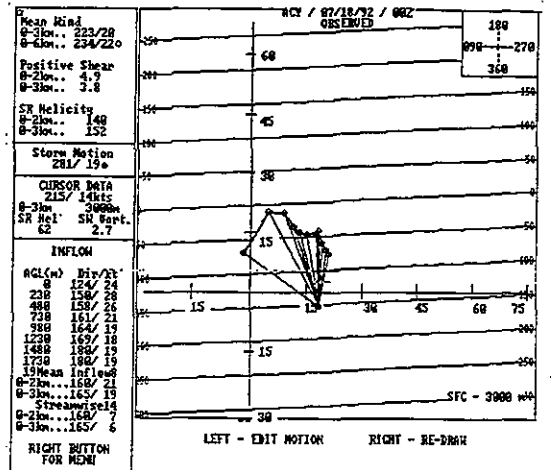
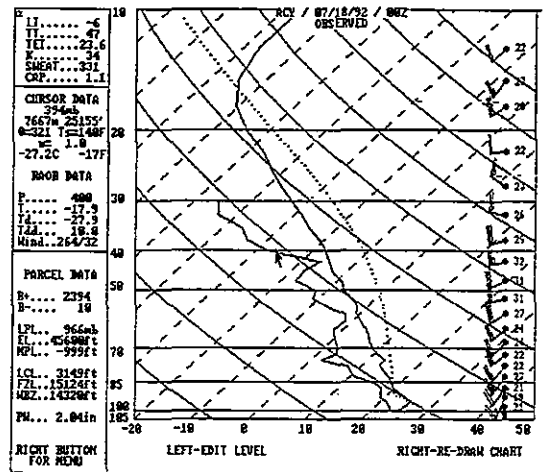
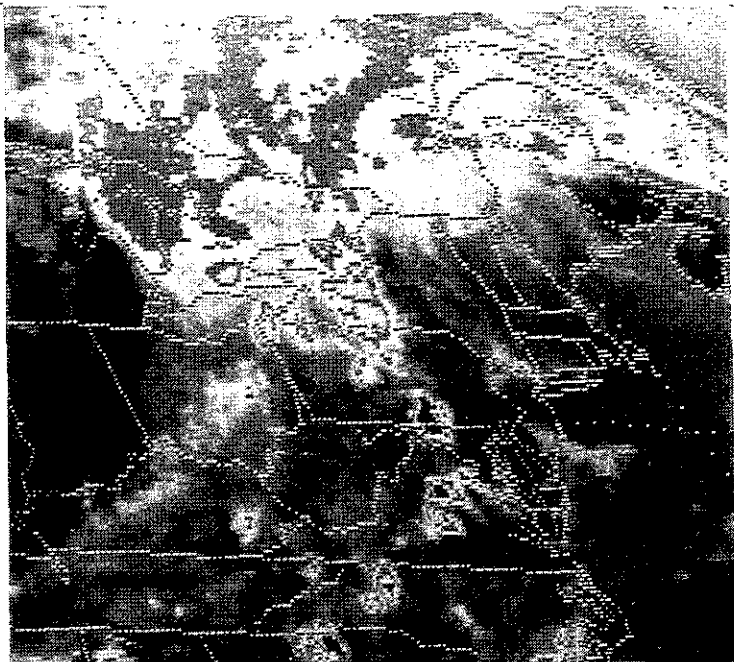
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	IND	DMG	
JUL 17	1409	WIND DAMAGE	PA	FRANKLIN COUNTY		-	-	1 M	
<b>1 TOTAL</b>							-	-	1 M



500 MB 12Z



SATELLITE 20Z 17 JULY



# CASE NO.13

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/18/92 - 0600CST 07/19/92

0600CST 07/18/92 - 0600CST 07/19/92

Total Non-Tornadic Reports: 24

Total Non-Tornadic Reports: 64

Large Hail Reports... 4      Damaging Wind Reports... 20

Large Hail Reports... 54      Damaging Wind Reports... 10

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	1	2	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	16	5	26	7	0	0	54
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	18	1	1	0	0	0	20
Fatalities	0	0	0	0	0	0	0
Injuries	5	0	0	0	0	0	5

DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	9	1	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 1

Number of Tornado Segments: 3

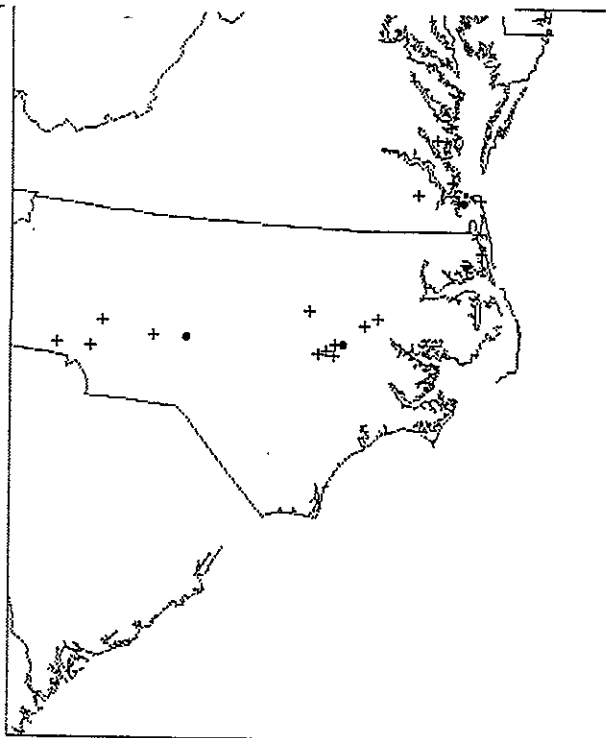
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

TORNADO SEGMENTS

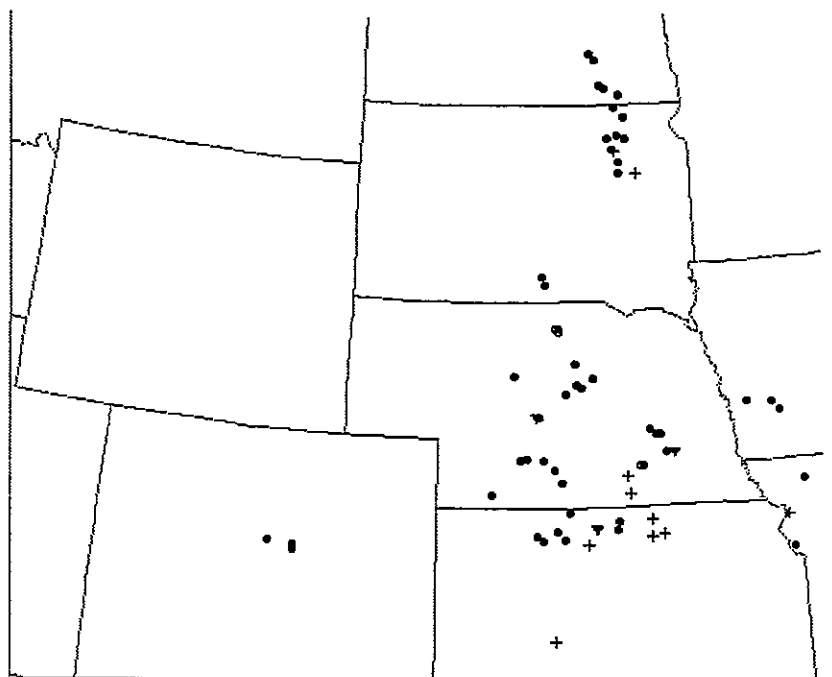
	F0	F1	F2	F3	F4	F5	TOT
Segments	3	0	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

ALL SEVERE REPORTS



0600CST 07/18/92 - 0600CST 07/19/92

ALL SEVERE REPORTS



0600CST 07/18/92 - 0600CST 07/19/92

SEVERE 1

SIGNIFICANT EVENTS MAP

SATURDAY JULY 18TH, 1992

SIGNIFICANT HAIL EVENTS

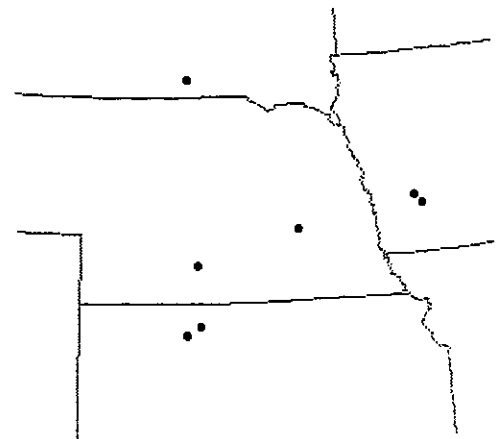
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
JUL 18	1600	2.50 INCH	SD	TRIPP..	COLONE	-	---
JUL 18	1920	2.75 INCH	NE	PHELPS..	BERTRAND	-	---
JUL 18	2030	2.75 INCH	NE	YORK..	4 N TRAYER	-	---
JUL 18	2200	2.00 INCH	KS	GRAHAM..	10 N HILL CITY	-	---
JUL 18	2210	2.00 INCH	KS	PHILLIPS..	LOGAN	-	---
JUL 18	2345	2.50 INCH	IA	CASS..	ATLANTIC	-	---
JUL 19	0002	2.50 INCH	IA	CASS..	CUMBERLAND	-	---

7 TOTAL

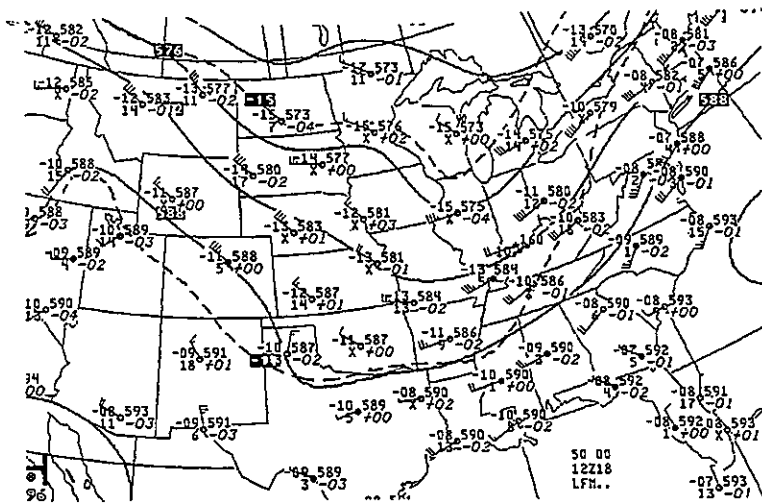
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 18	1500	WIND DAMAGE	VA	20 E VIRGINIA	BEACH	-	3	---

1 TOTAL



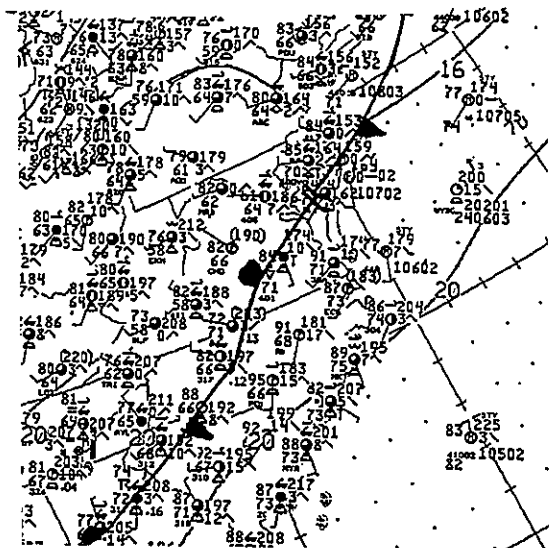
500 MB 12Z



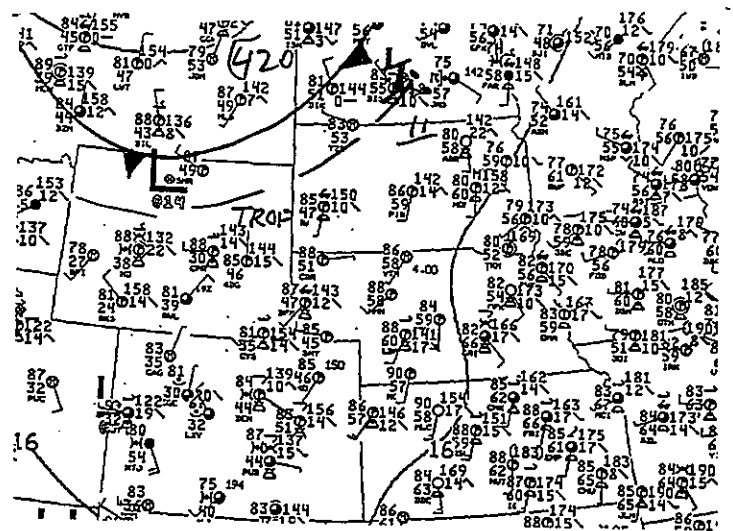
SIGNIFICANT EVENTS MAP

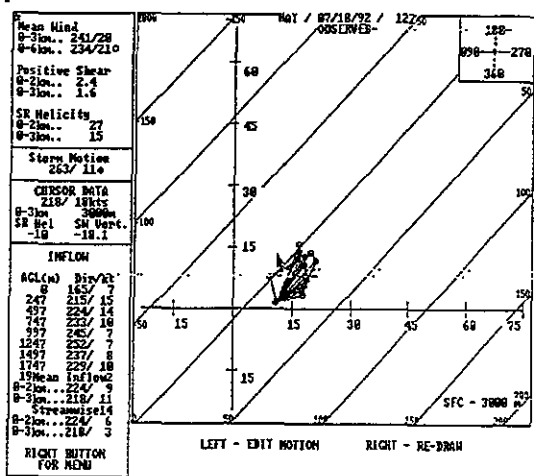
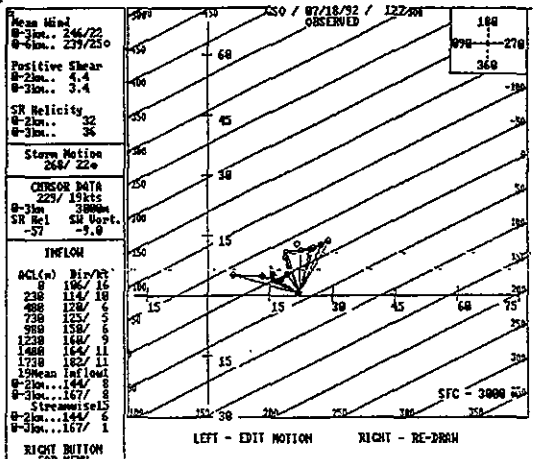
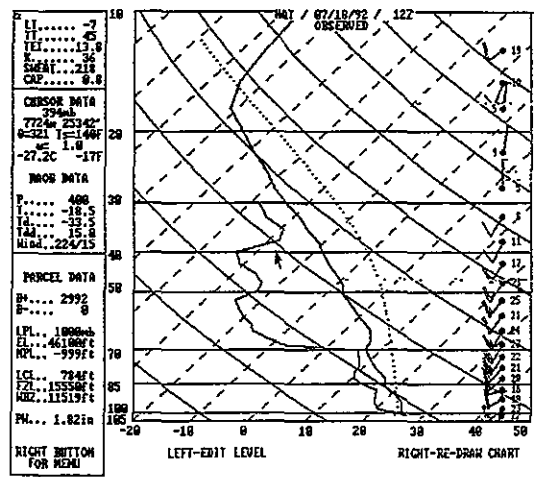
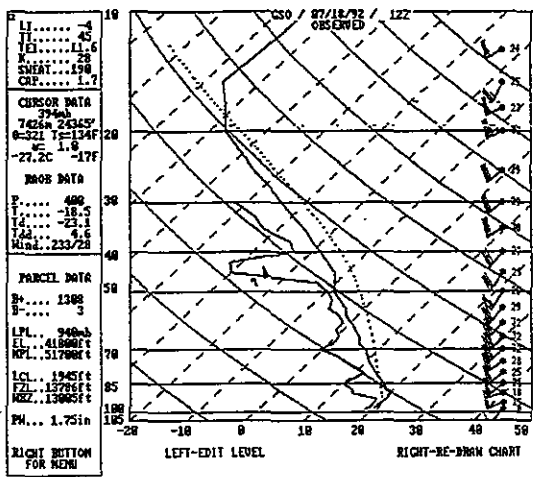


SURFACE MAP 18Z

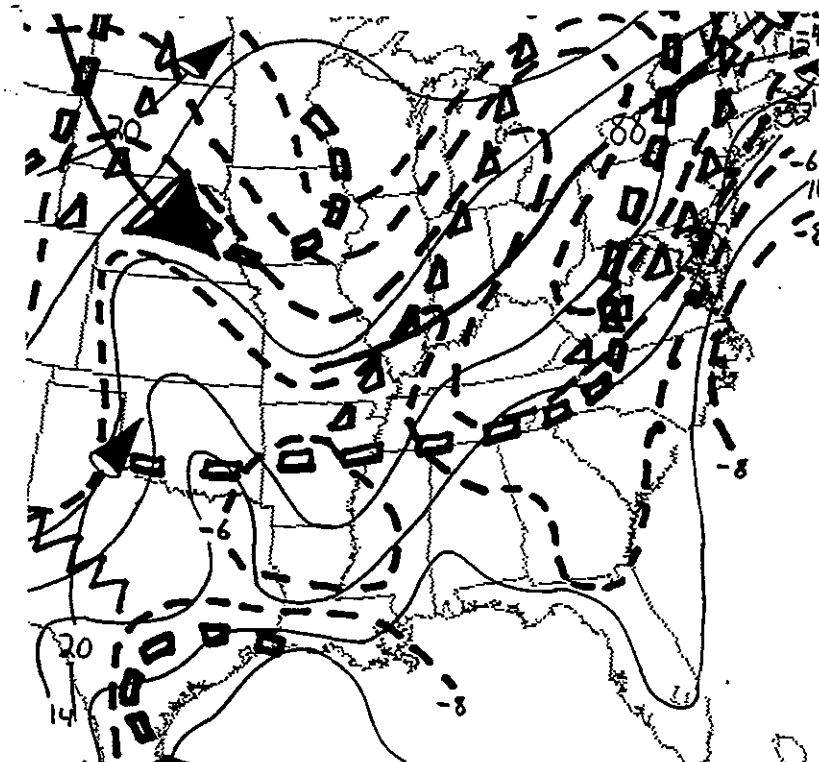


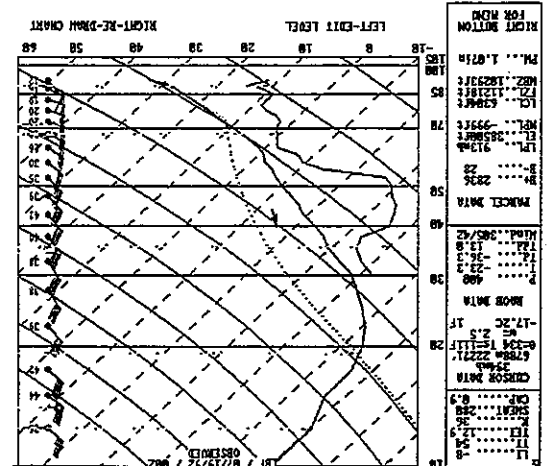
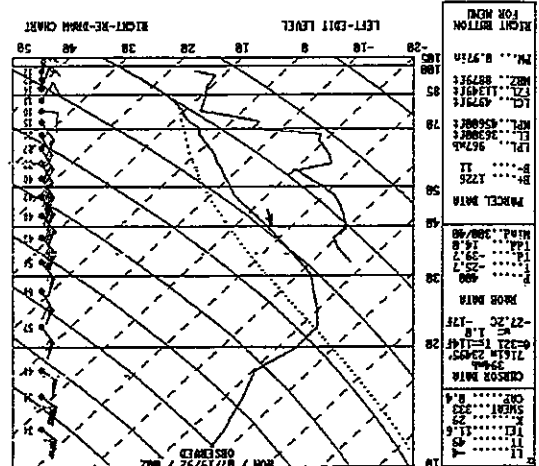
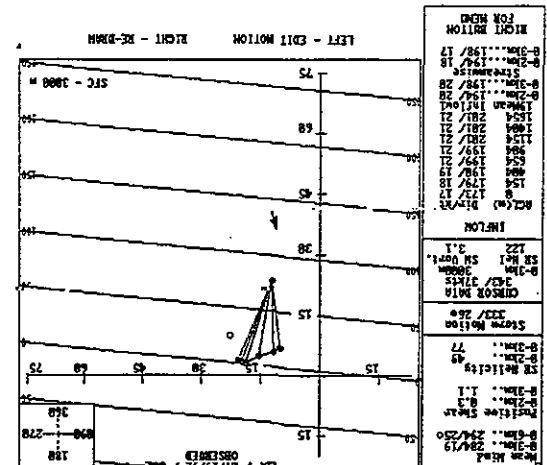
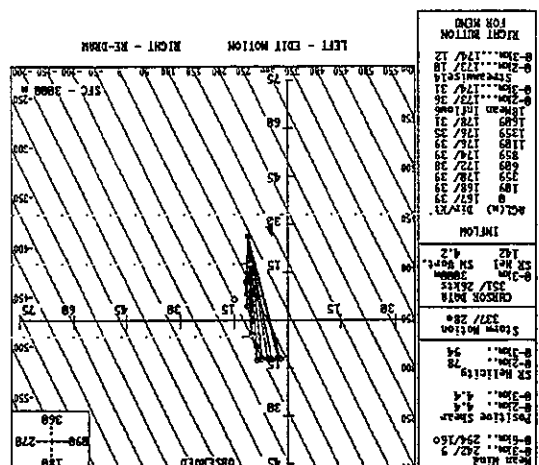
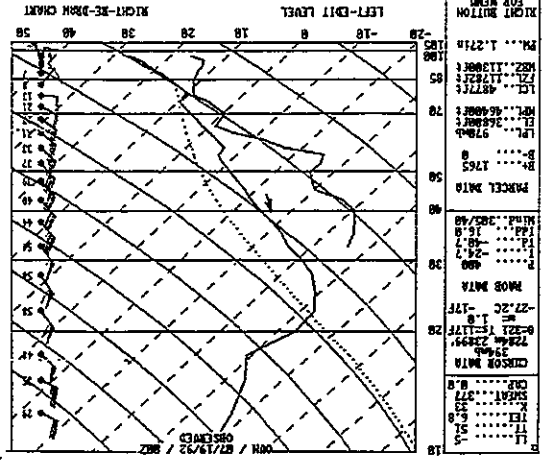
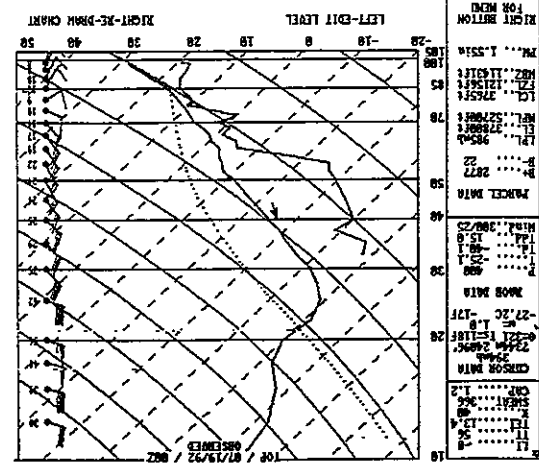
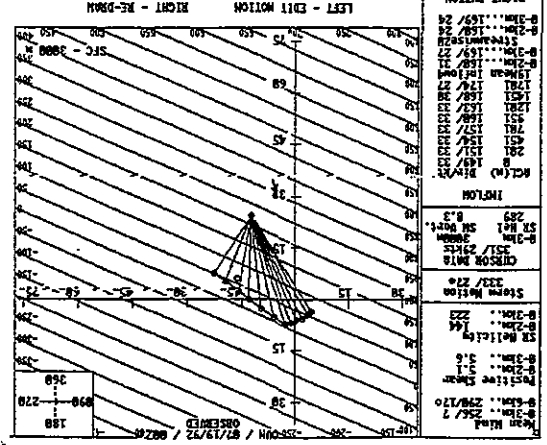
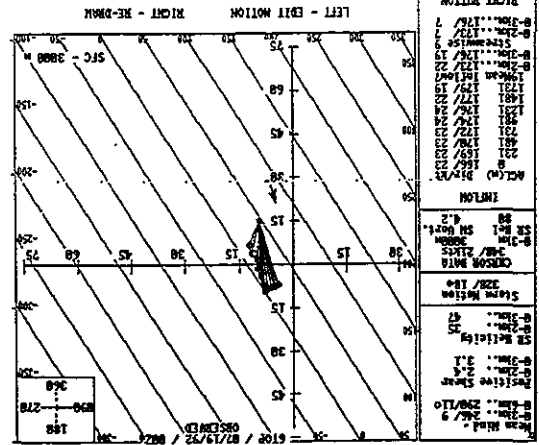
SURFACE MAP 21Z





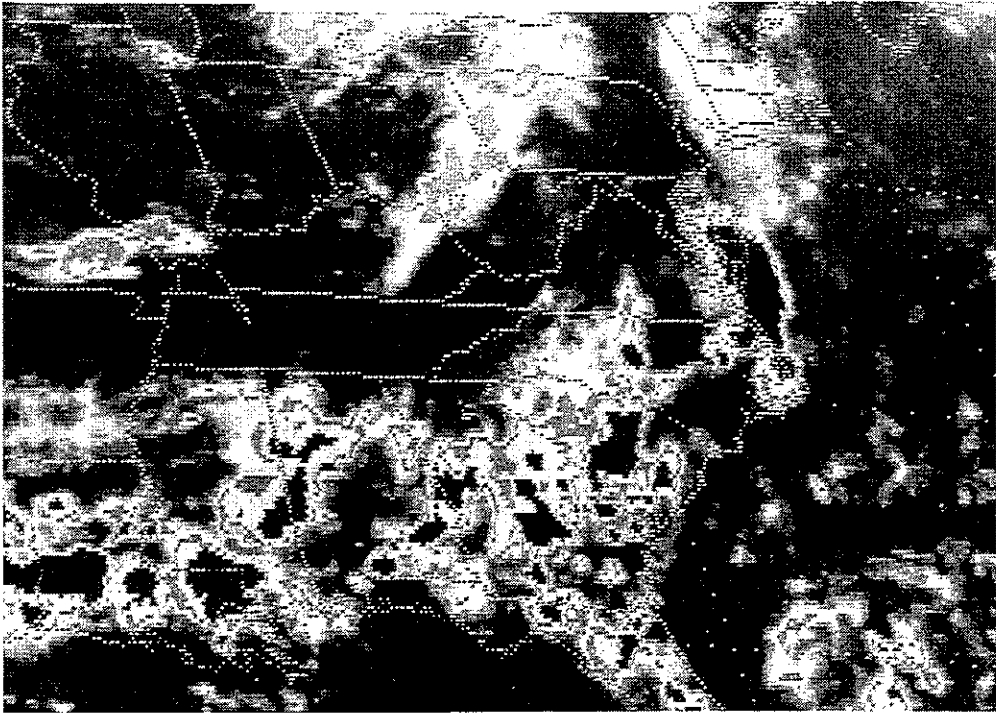
COMPOSITE MAP 12Z



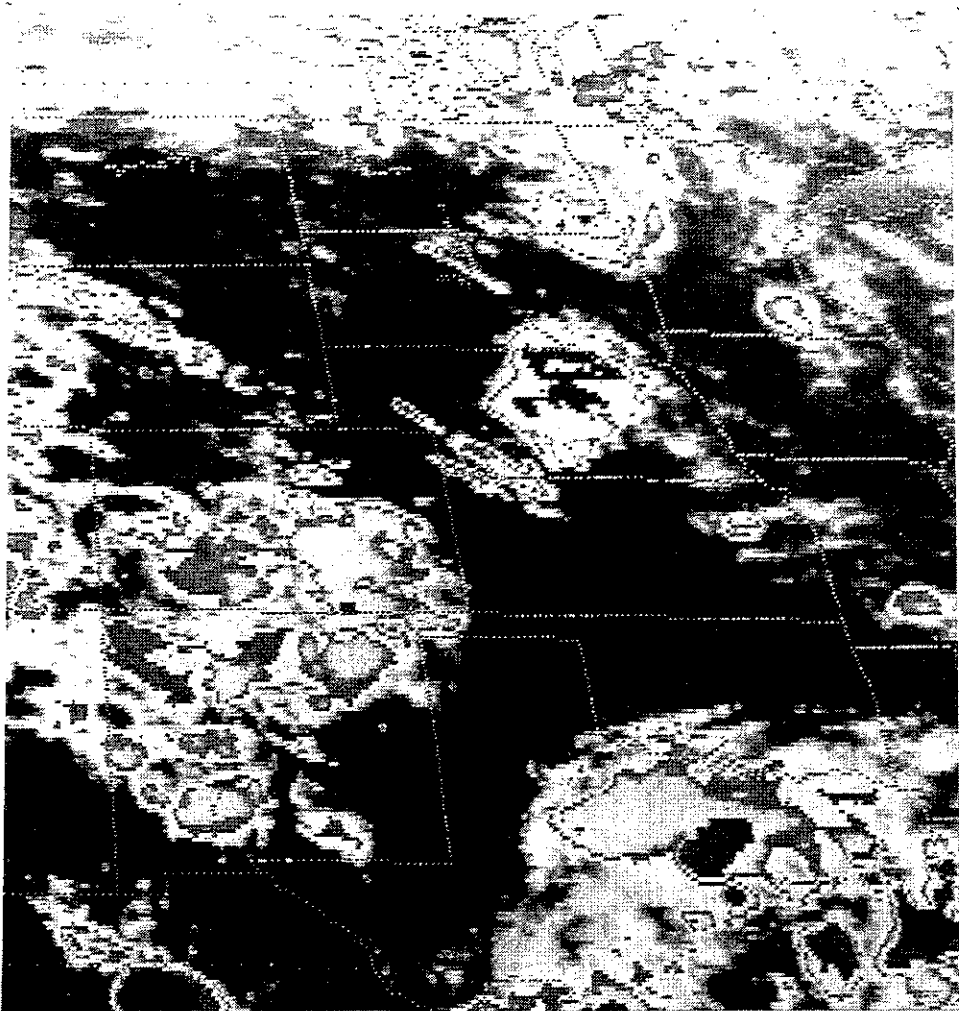




SATELLITE 22Z 18 JULY



SATELLITE 2230Z 18 JULY



CASE NO.14

COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/22/92 - 0600CST 07/23/92

Total Non-Tornadic Reports: 9

Large Hail Reports... 3      Damaging Wind Reports... 6

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	1	1	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

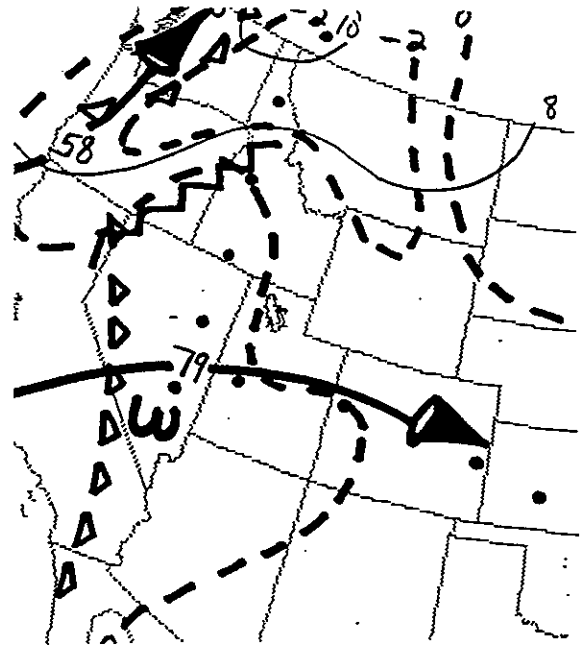
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	3	2	1	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

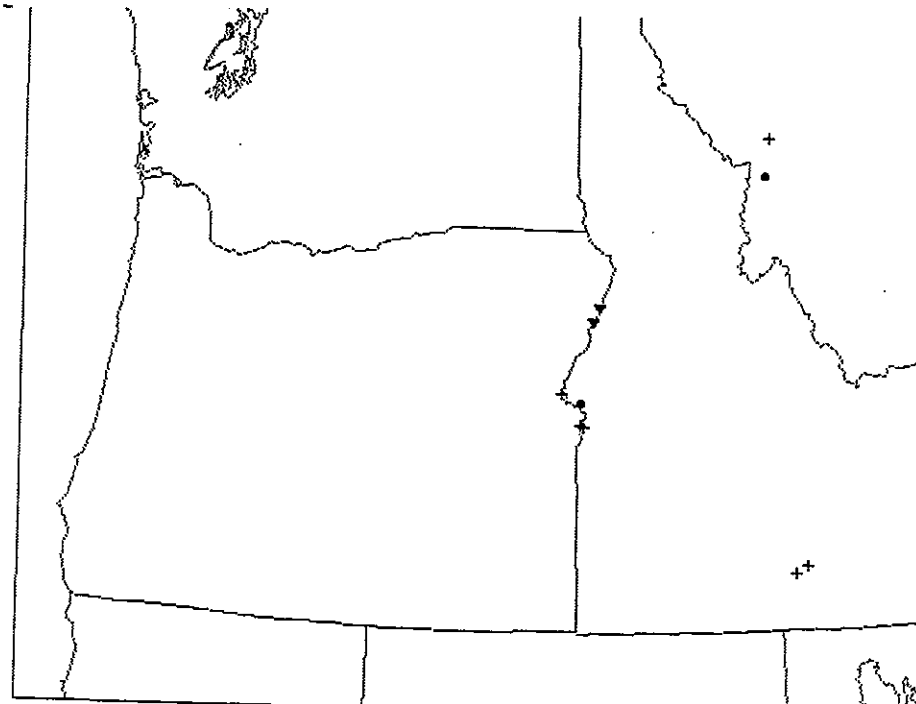
Number of Tornado Segments: 2

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 07/22/92 - 0600CST 07/23/92

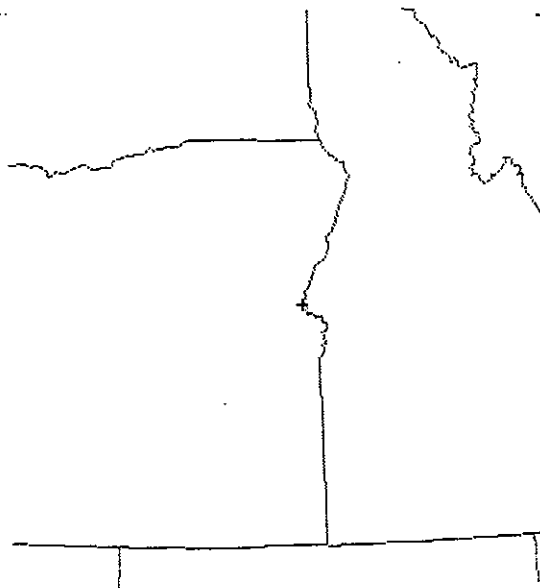
SEVERE WEATHER

SIGNIFICANT EVENTS MAP

WEDNESDAY JULY 22ND, 1992

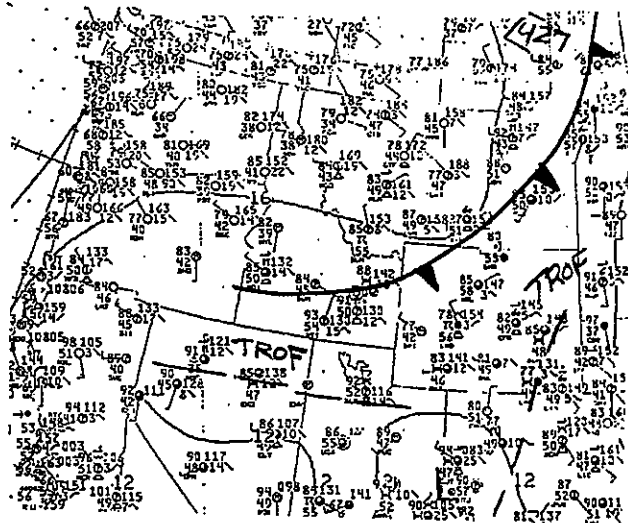
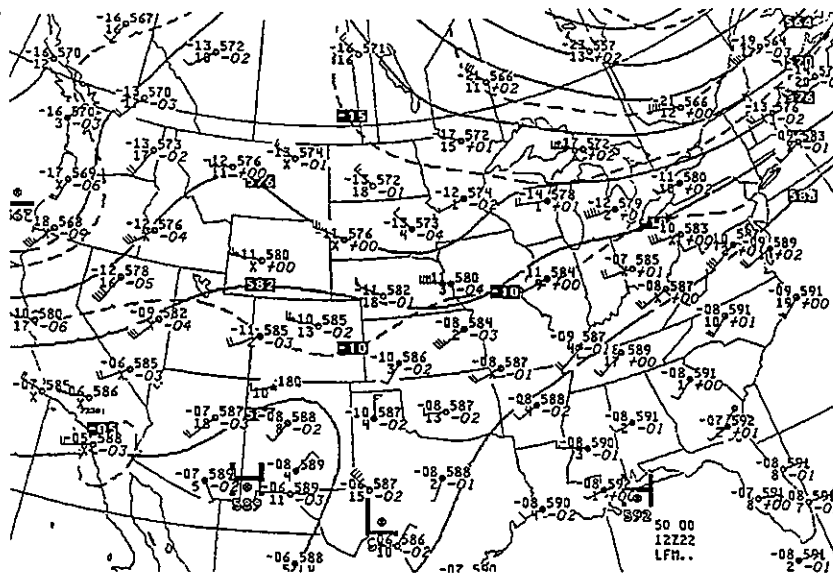
SIGNIFICANT WIND EVENTS

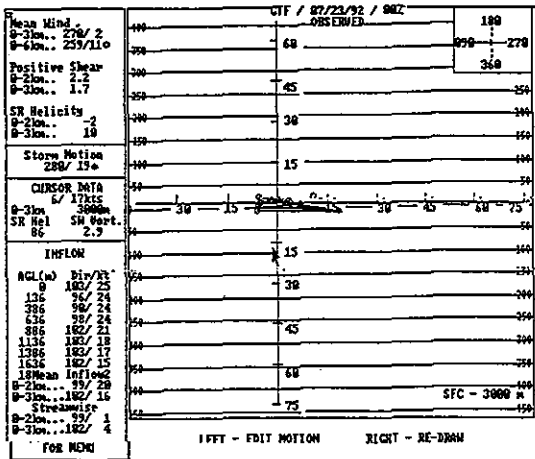
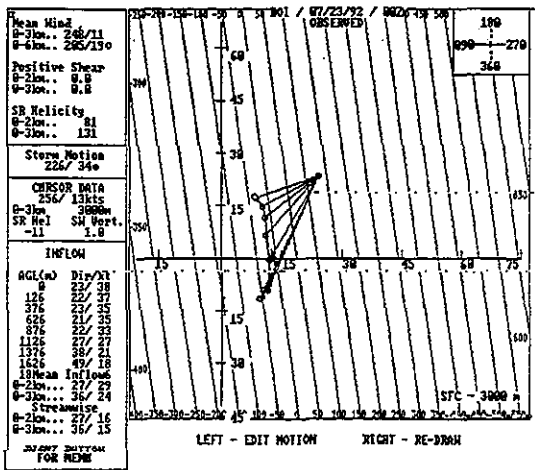
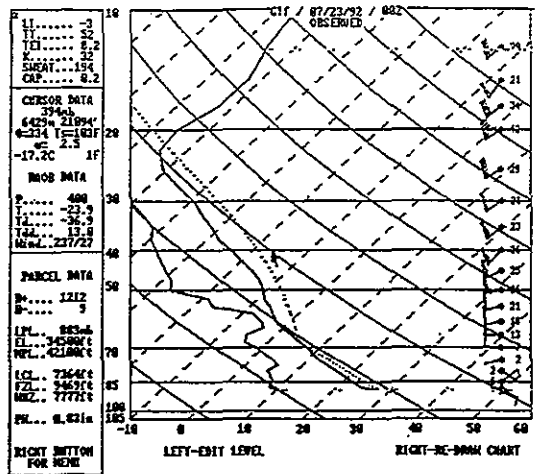
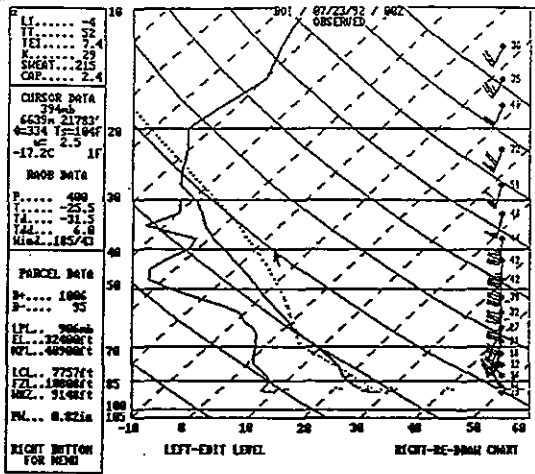
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 22	1700	77 MPH GUST	OR	MALHEUR/BAKER CO.		-	-	---
1 TOTAL								



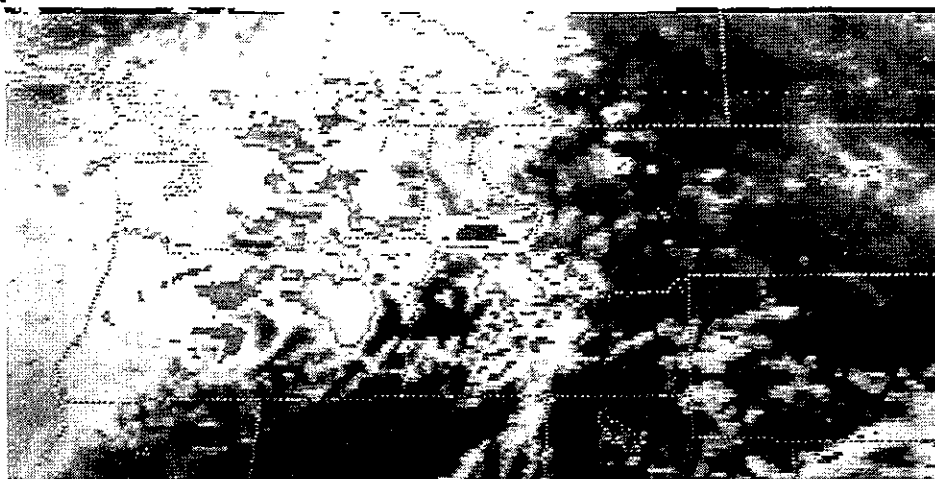
500 MB 12Z

SURFACE MAP 21Z





SATELLITE 21Z 22 JULY



# CASE NO.15

COMPOSITE MAP 00Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/23/92 - 0600CST 07/24/92

Total Non-Tornadic Reports: 23

Large Hail Reports... 19      Damaging Wind Reports... 4

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	4	4	9	1	1	0	19
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

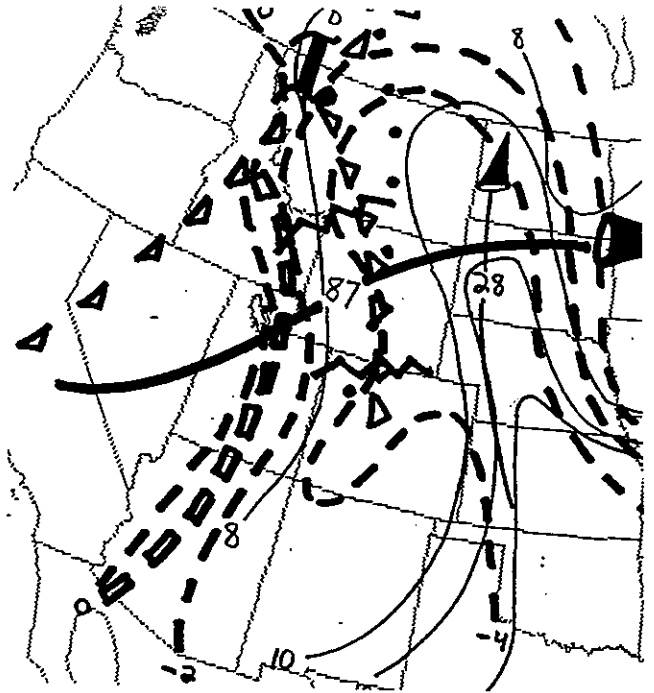
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	1	3	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

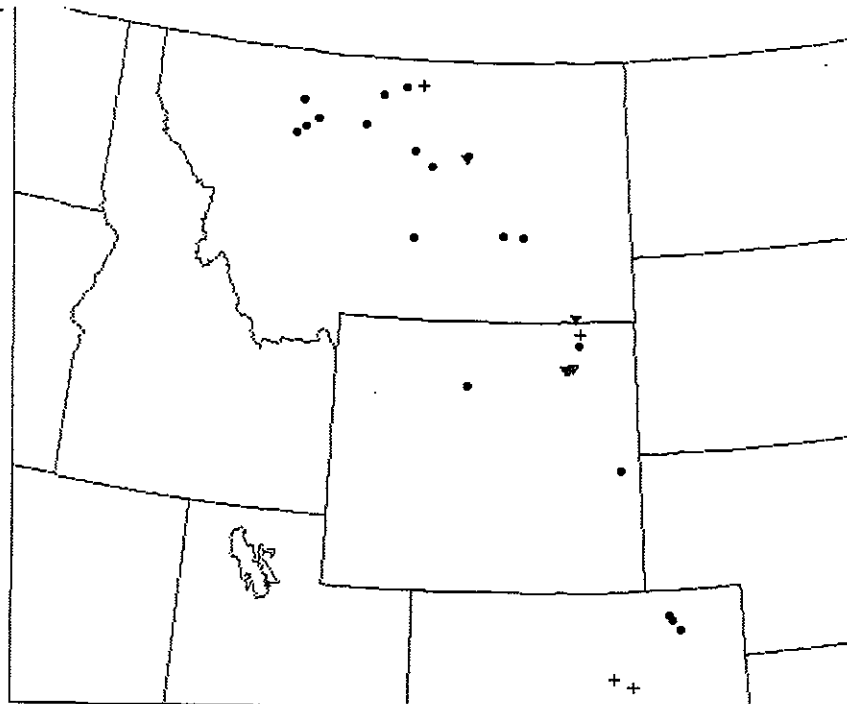
Number of Tornado Segments: 5

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	5	0	0	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



### ALL SEVERE REPORTS



0600CST 07/23/92 - 0600CST 07/24/92

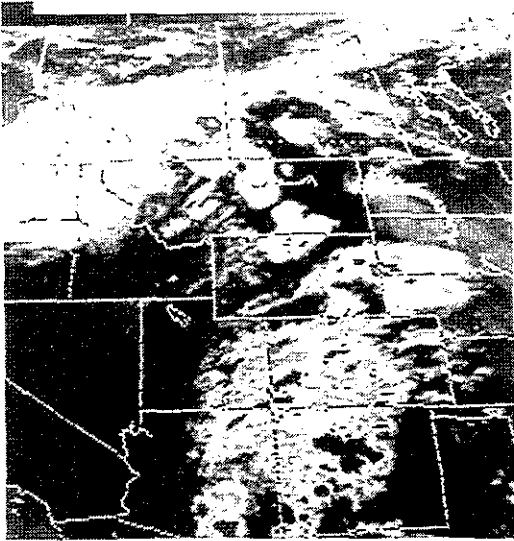
SEVERE WE

# THURSDAY JULY 23RD, 1992

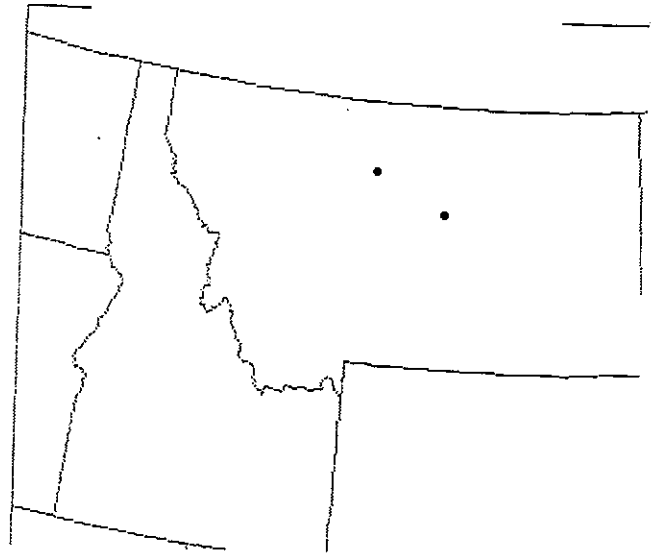
## SIGNIFICANT WEATHER EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
JUL 23	1530	2.75 INCH MT	MT	CHOUTEAU...	.35 N GREAT FALLS	-	---
JUL 23	1540	3.00 INCH MT	MT	FERGUS..	ROY	-	---
2 TOTAL						-	---

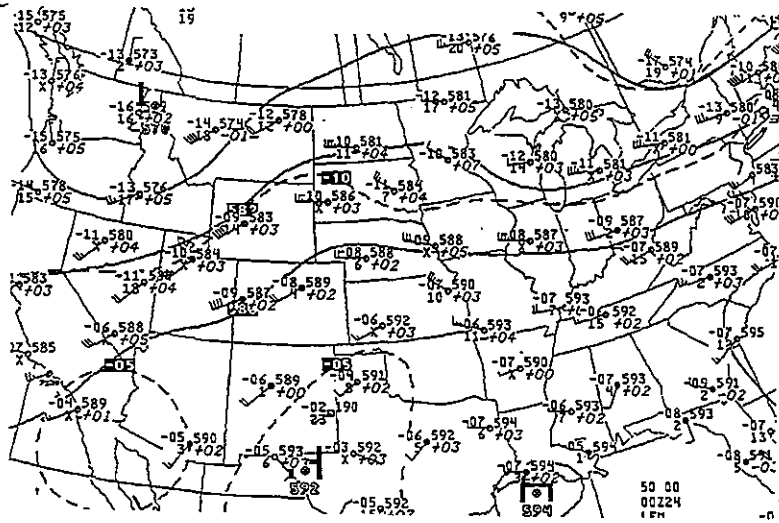
SATELLITE 22Z 23 JULY



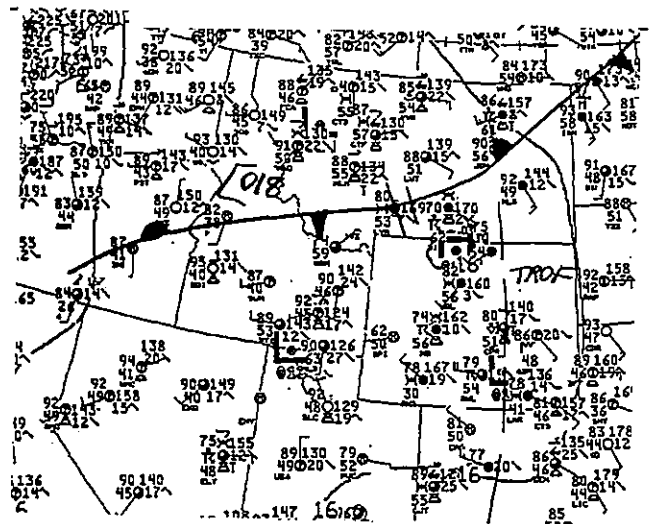
## SIGNIFICANT EVENTS MAP

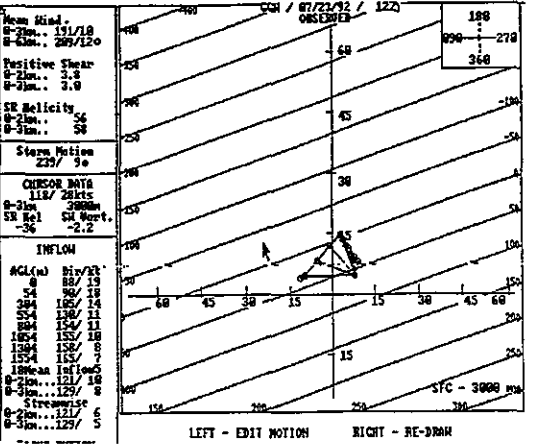
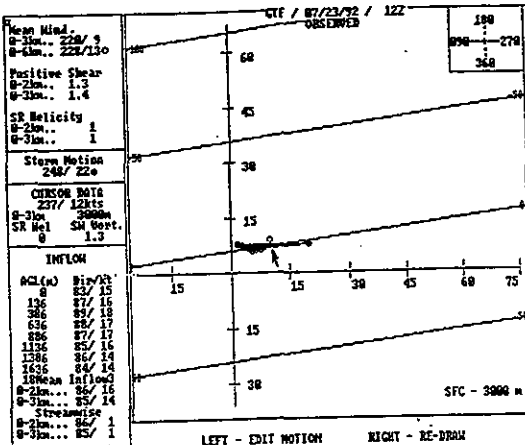
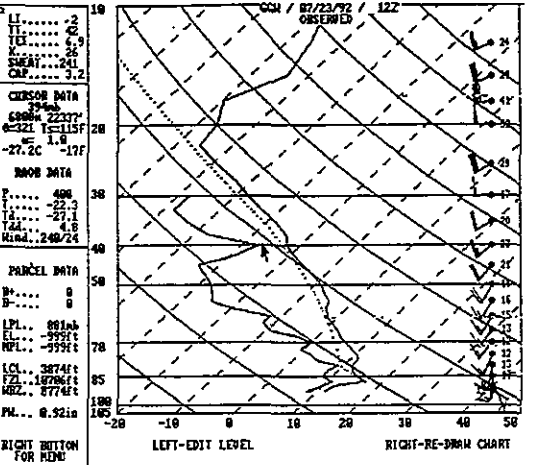
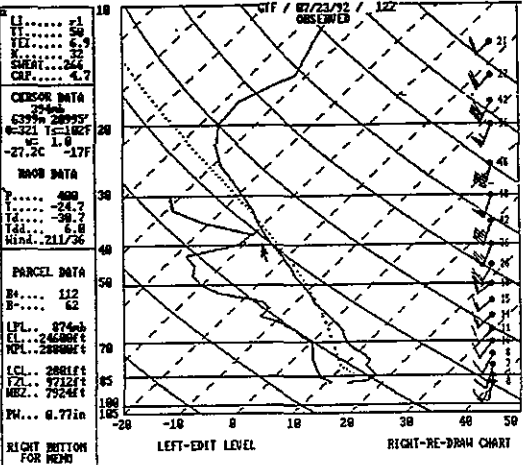
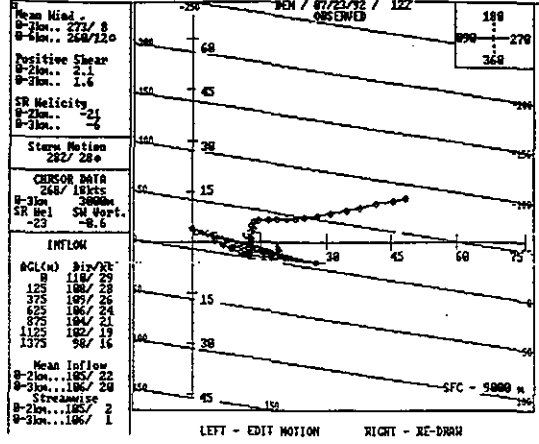
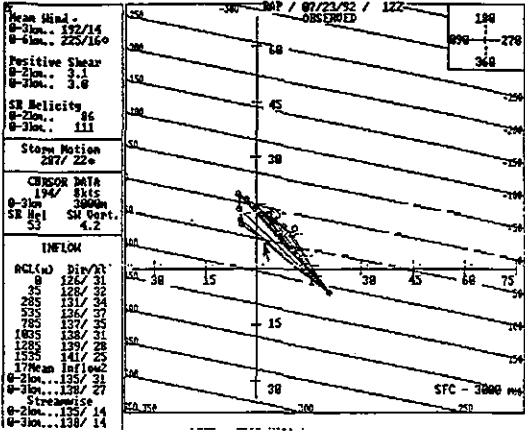
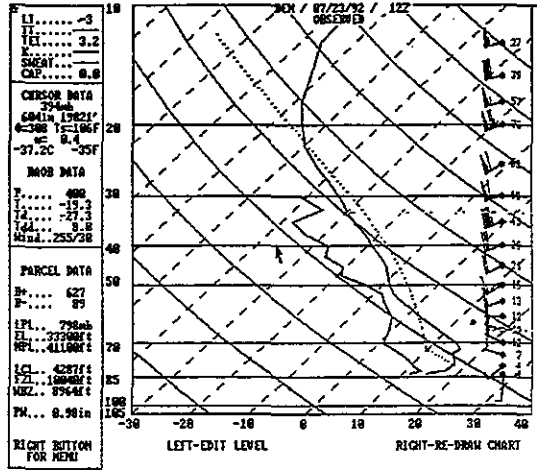
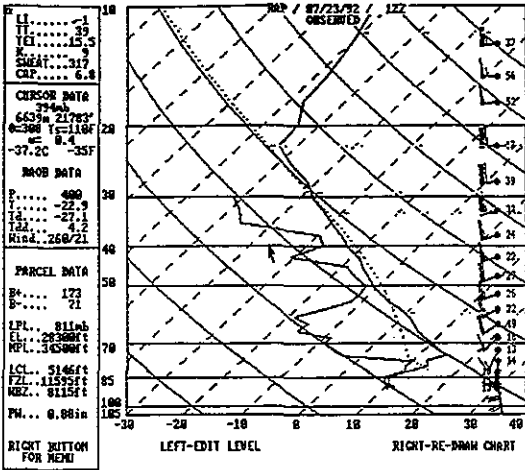


500 MB 00Z



SURFACE MAP 21Z





# CASE NO. 16

## COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/25/92 - 0600CST 07/26/92

Total Non-Tornadoic Reports: 21

Large Hail Reports... 15      Damaging Wind Reports... 6

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	5	2	4	3	0	1	15
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

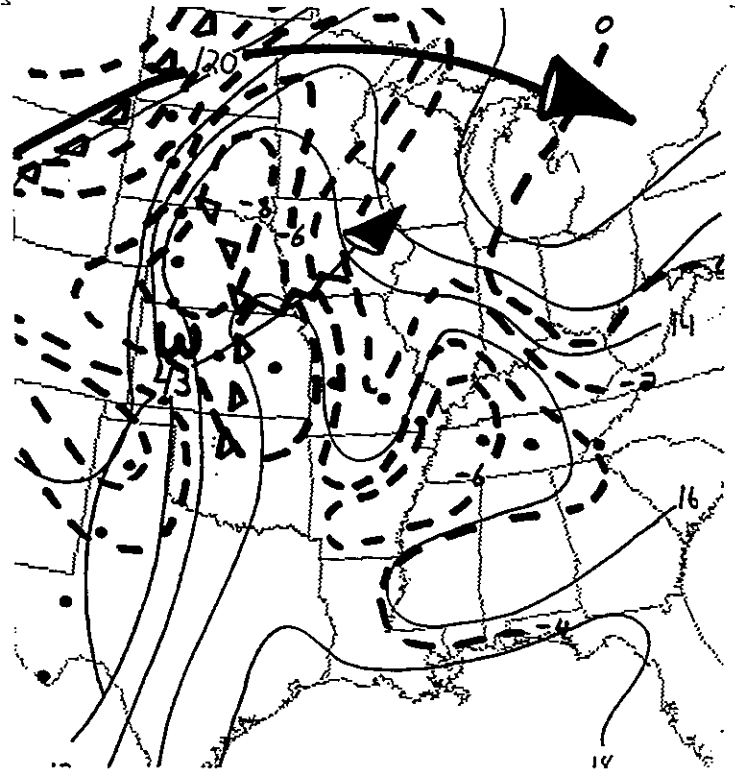
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	2	2	2	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

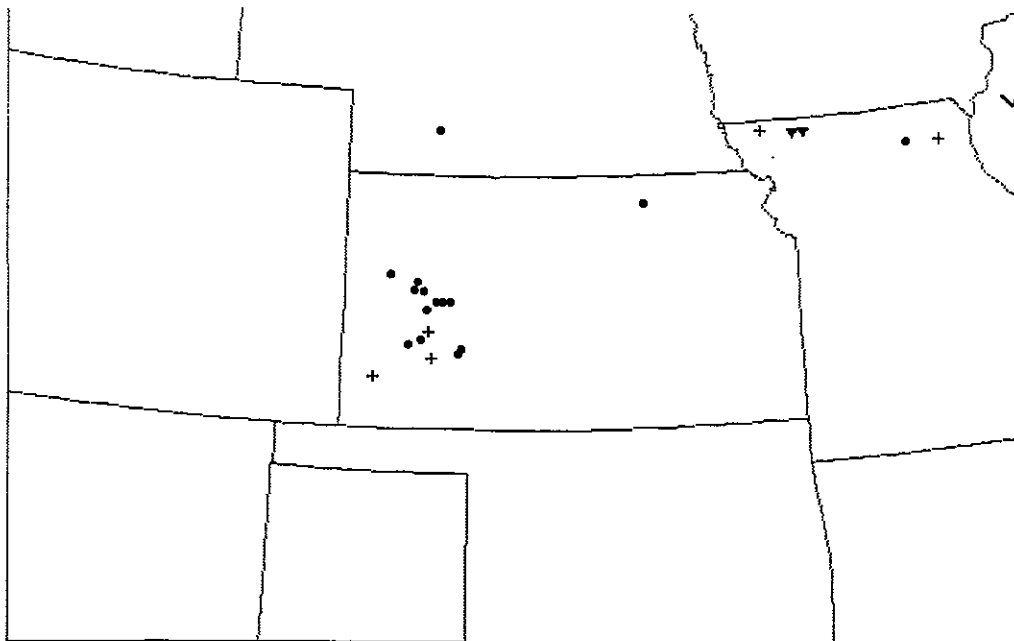
Number of Tornado Segments: 4

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	3	1	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	2	1	0	0	0	0	3



## ALL SEVERE REPORTS



0600CST 07/25/92 - 0600CST 07/26/92

SEVERE WEATHER REPORTS



SIGNIFICANT EVENTS MAP

SATURDAY JULY 25TH, 1992

SIGNIFICANT TORNADO EVENTS

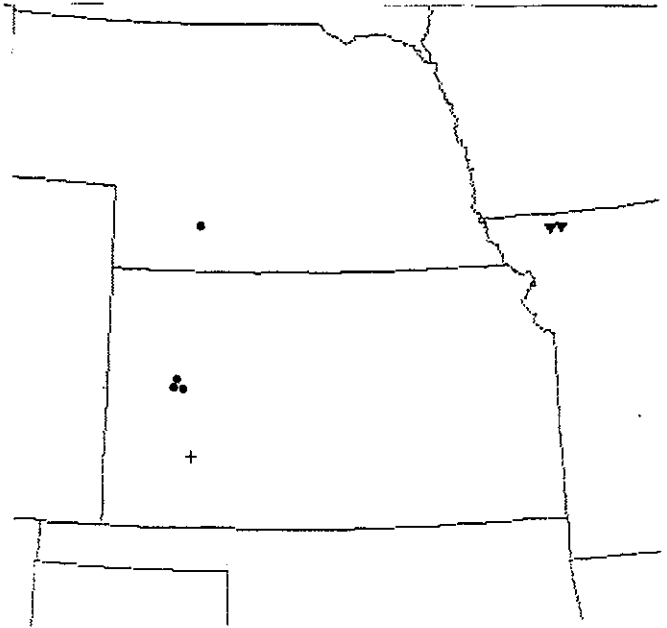
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JUL 25	1658	F-1	1.0	20	MO	WORTH..7 SW GRANT CITY	1	---	---
JUL 25	1730	F-0	0.3	20	MO	WORTH..DENVER	-	2	---
<b>2 TOTAL</b>							-	3	---

SIGNIFICANT HAIL EVENTS

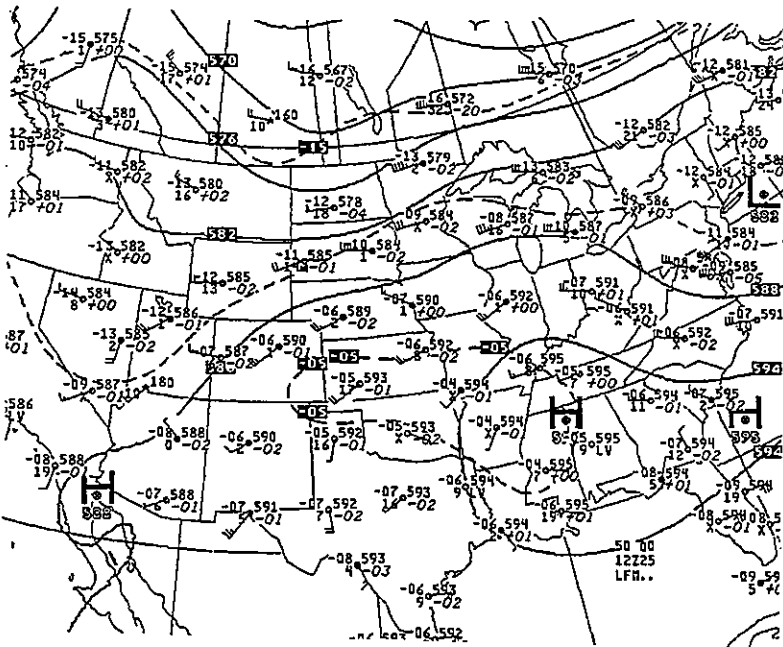
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG	
JUL 25	1205	2.50 INCH	NE	FRONTIER..6	S CURTIS	-	---	
JUL 25	1720	2.75 INCH	KS	SCOTT..8	N SCOTT CITY	-	---	
JUL 25	1737	5.00 INCH	KS	SCOTT..9.5	NE SCOTT CITY	-	---	
JUL 25	1740	2.75 INCH	KS	LOGAN..25	S OAKLEY	-	---	
<b>4 TOTAL</b>							-	---

SIGNIFICANT WIND EVENTS

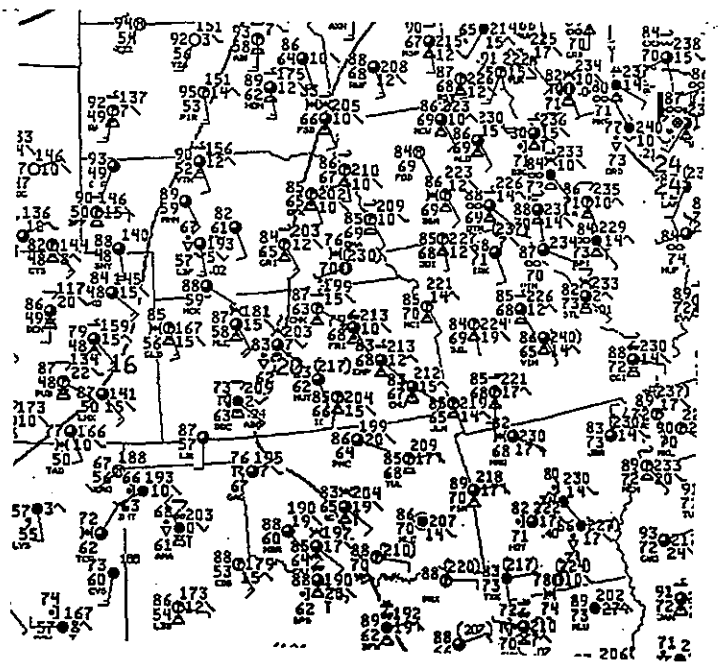
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 25	2145	75 MPH GUST	KS	GRANT..12	W CIMMARON	-	-	---
<b>1 TOTAL</b>							-	---

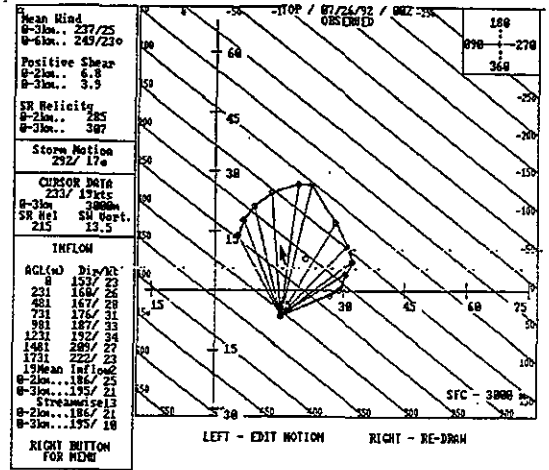
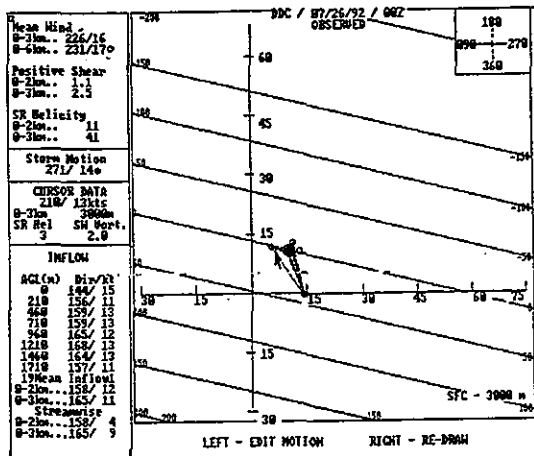
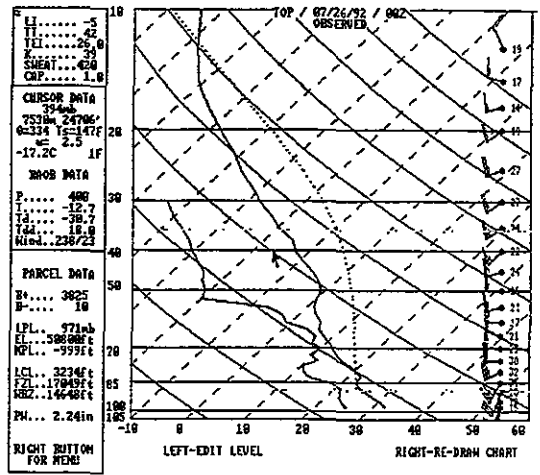
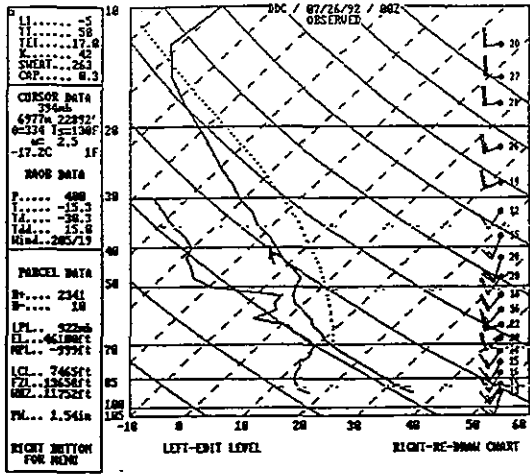


500 MB 12Z



SURFACE MAP 21Z





# CASE NO. 17

COMPOSITE MAP 00Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/29/92 - 0600CST 07/30/92

Total Non-Tornadic Reports: 66

Large Hail Reports... 39      Damaging Wind Reports... 27

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	9	7	18	2	0	3	39
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

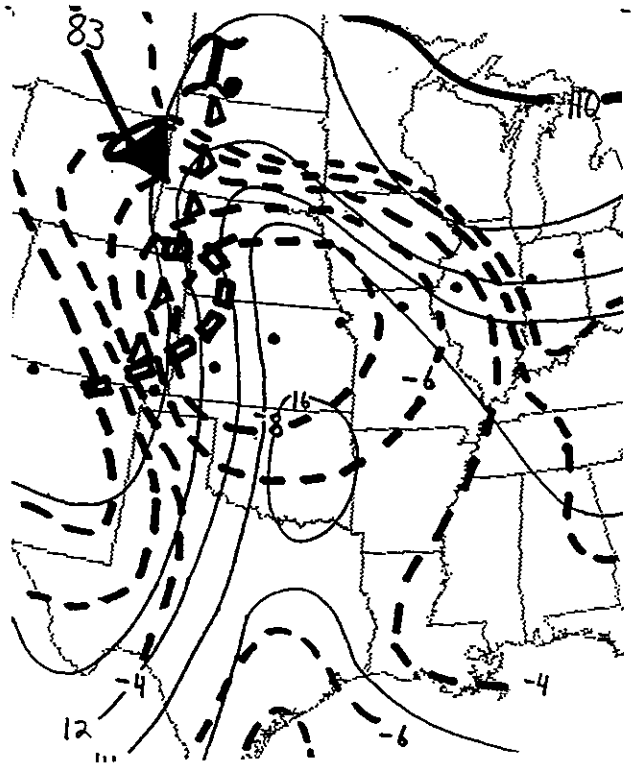
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	9	14	3	1	0	0	27
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

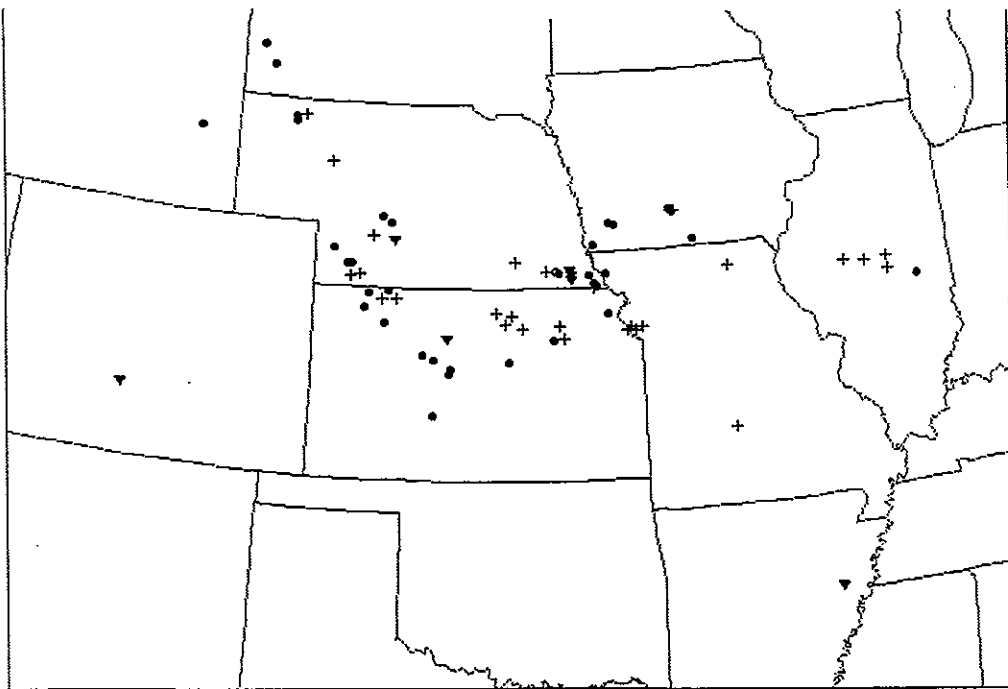
Number of Tornado Segments: 7

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	2	1	0	0	0	7
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



### ALL SEVERE REPORTS



0600CST 07/29/92 - 0600CST 07/30/92

SEVERE WEATHER REPORTS

CASE NO. 17

COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/29/92 - 0600CST 07/30/92

Total Non-Tornadic Reports: 21

Large Hail Reports... 1      Damaging Wind Reports... 20

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

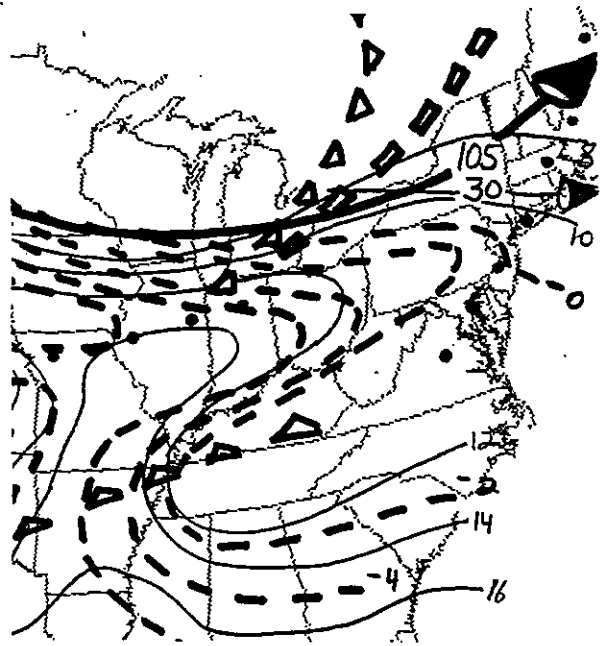
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	19	0	0	1	0	0	20
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

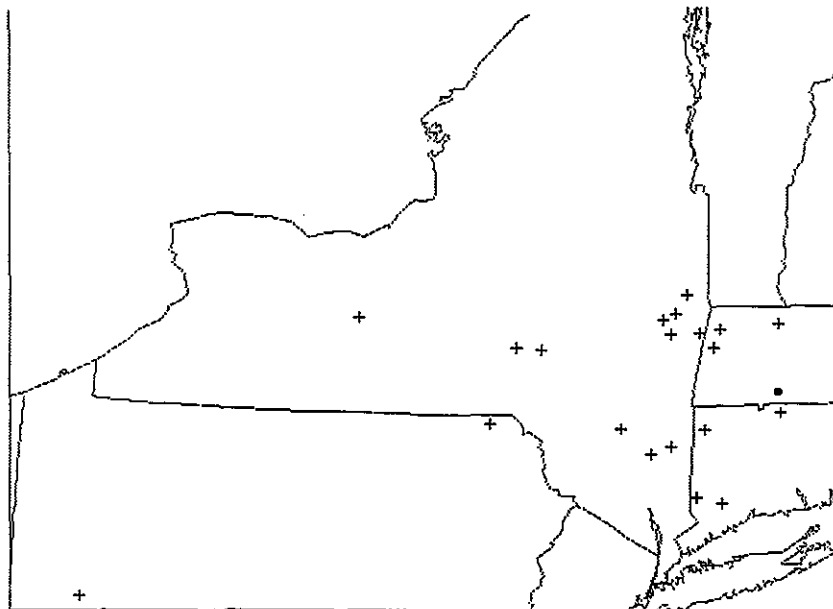
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 07/29/92 - 0600CST 07/30/92

SEVERE W

SIGNIFICANT EVENTS MAP

WEDNESDAY JULY 29TH, 1992

SIGNIFICANT TORNADO EVENTS

DATE	TIME	FOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JUL 29	1905	F-2	0.4	50	NE	LINCOLN..1 NW FARNAM	-	-	---

1 TOTAL

SIGNIFICANT HAIL EVENTS

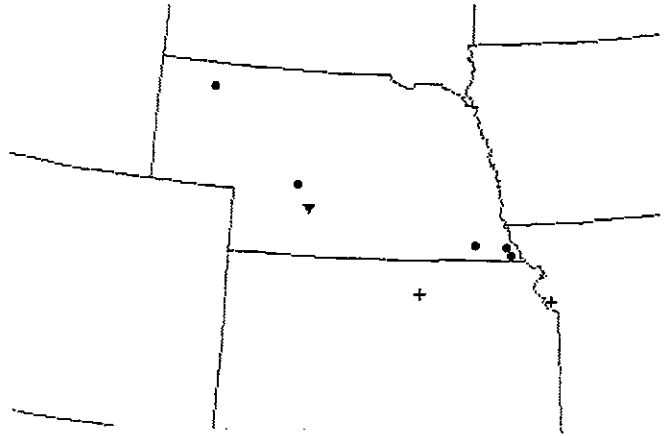
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 29	1634	4.50 INCH	NE	SHERIDAN..5	S HAY SPRINGS	-	-	---
JUL 29	1739	4.50 INCH	NE	RICHARDSON..	FALLS CITY	-	-	---
JUL 29	1842	2.75 INCH	NE	LINCOLN..2	N MAXWELL	-	-	---
JUL 29	2120	2.75 INCH	NE	PAWNEE..	LEWISTON	-	-	---

4 TOTAL

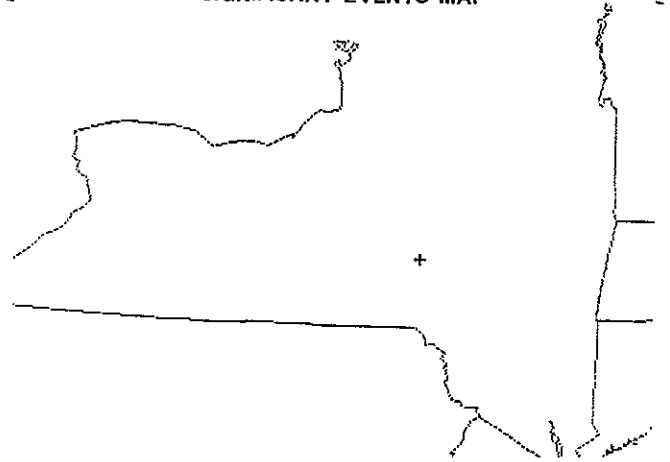
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUL 29	1345	81 MPH GUST	NY	OTSEGO..	GILBERTSVILLE	-	-	---
JUL 29	2230	85 MPH GUST	KS	CLOUD..8	S CONCORDIA	-	-	---
JUL 29	2253	75 MPH GUST	MO	PLATTE..	KCI AIRPORT	-	-	---

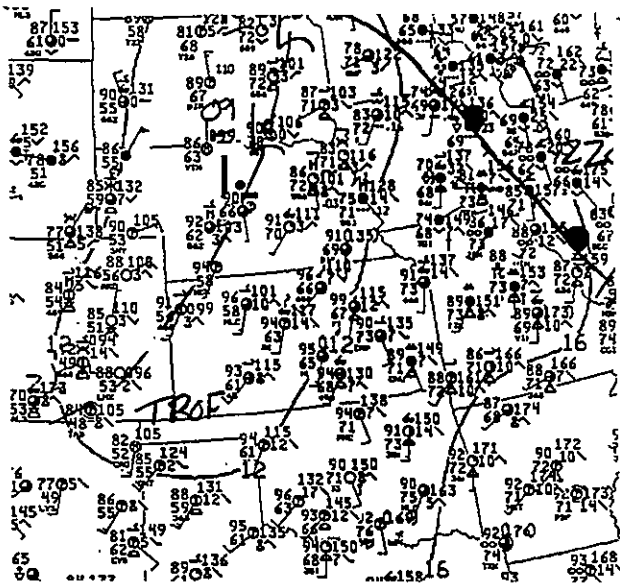
3 TOTAL



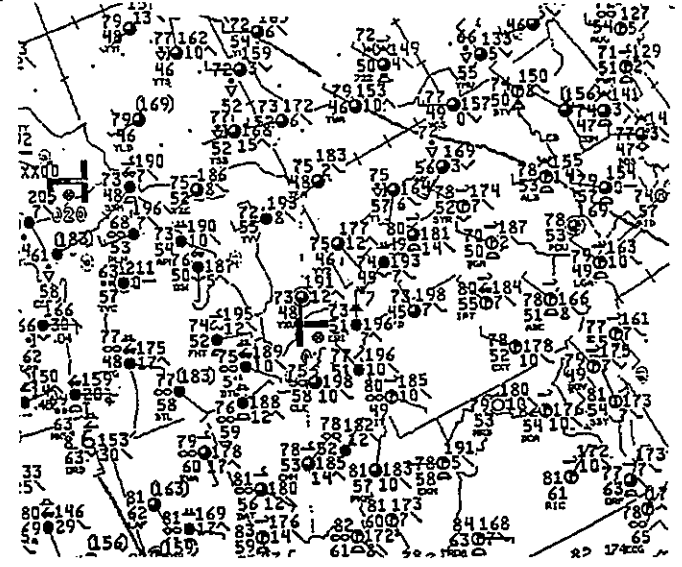
SIGNIFICANT EVENTS MAP



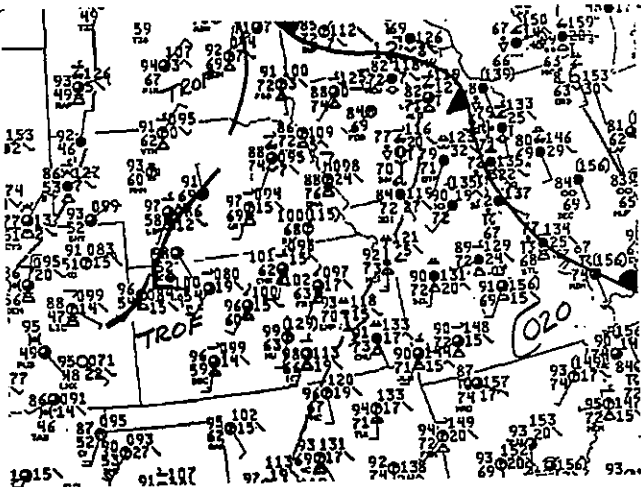
SURFACE MAP 18Z



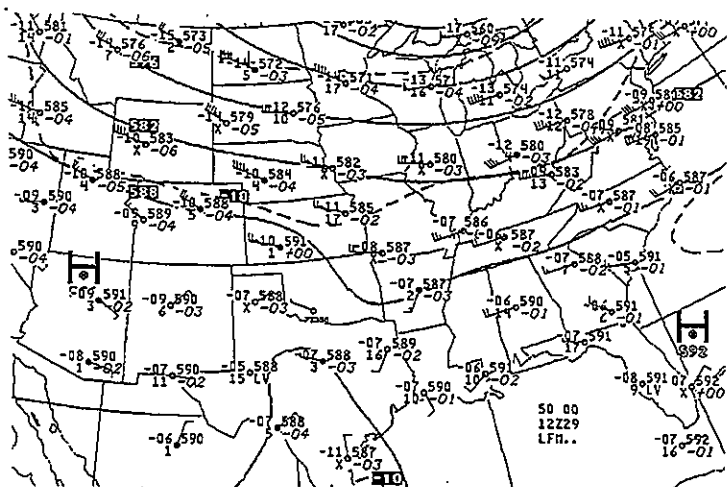
SURFACE MAP 18Z



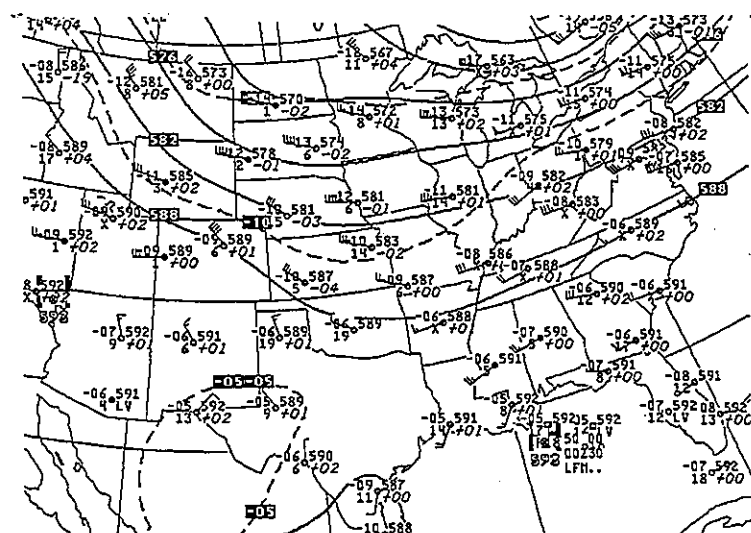
SURFACE MAP 21Z



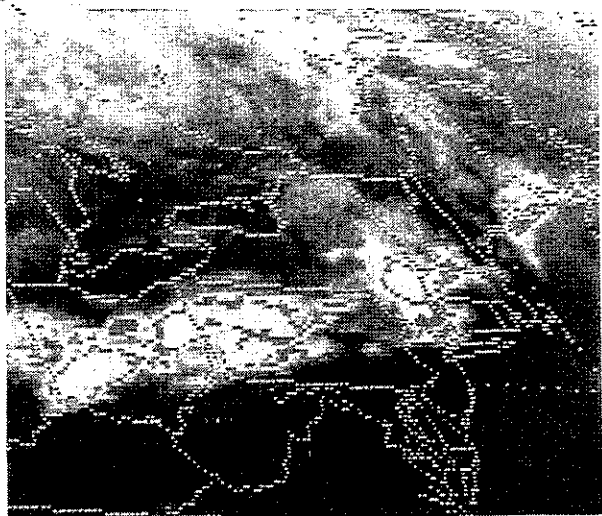
500 MB 12Z



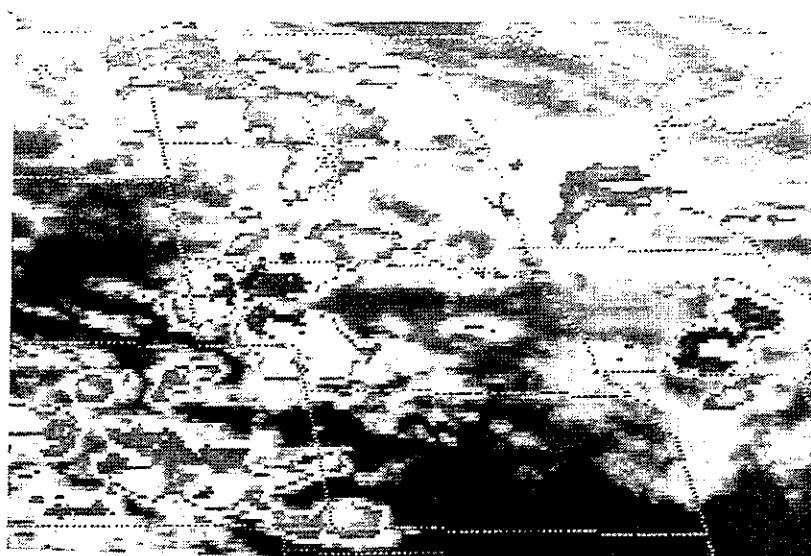
500 MB 00Z



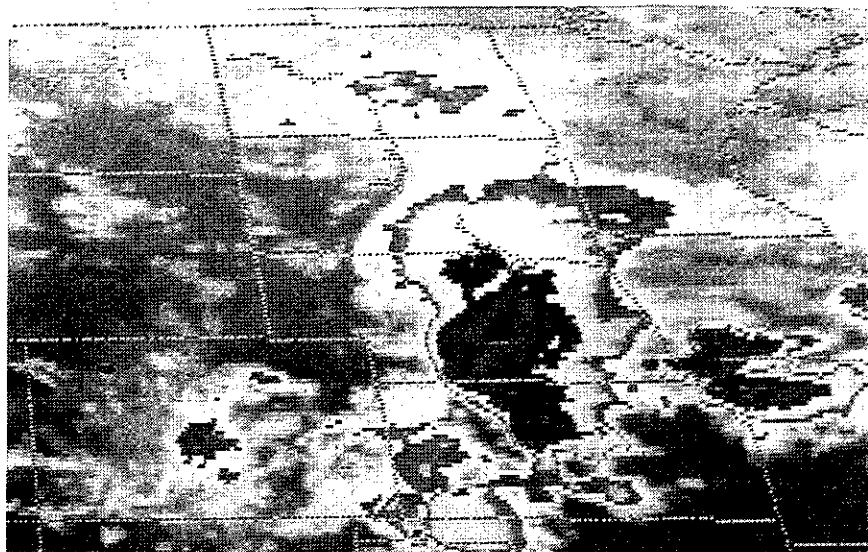
SATELLITE 20Z 29 JULY

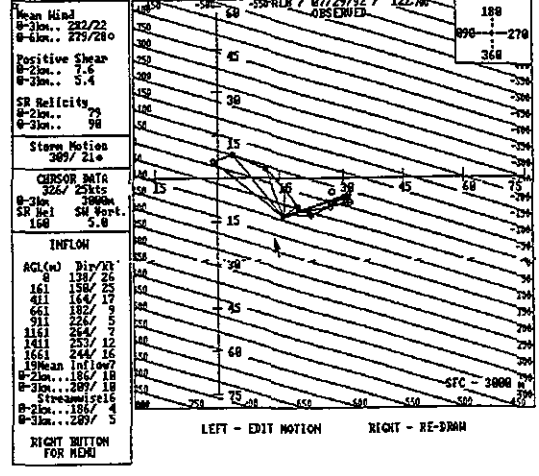
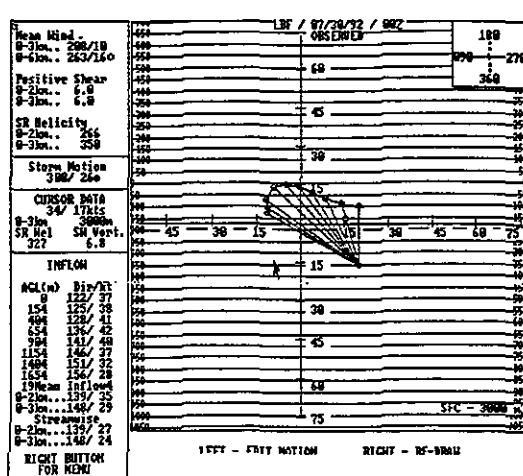
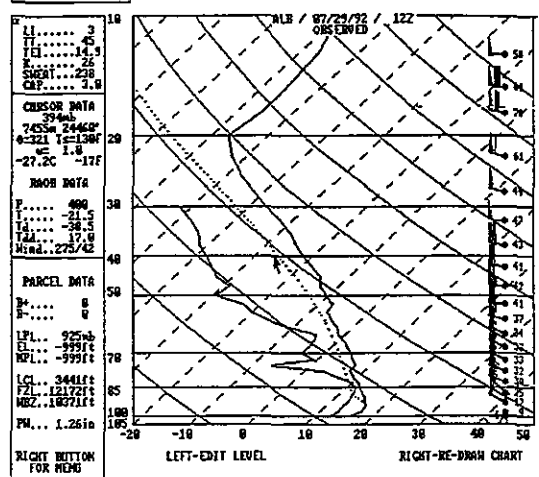
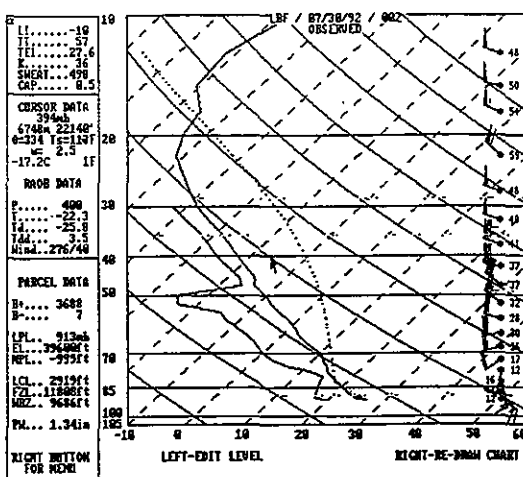
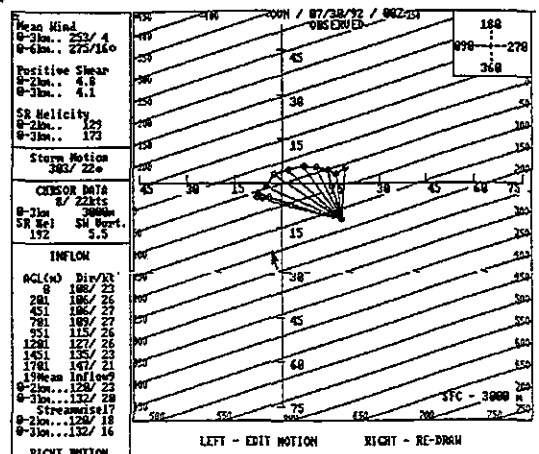
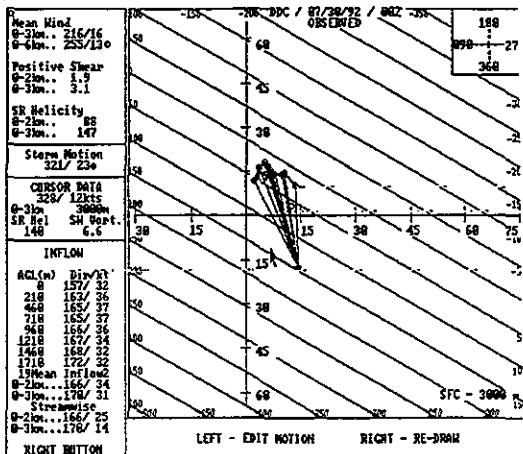
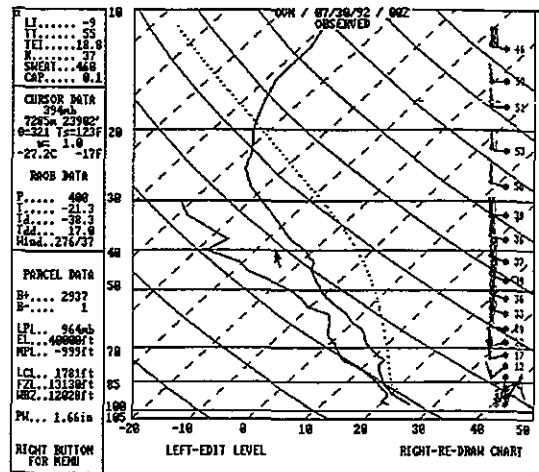
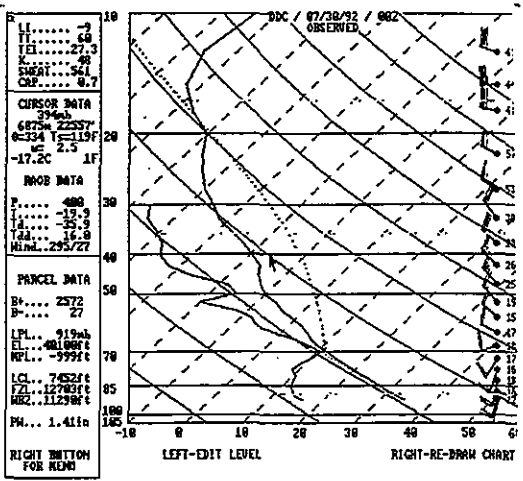


SATELLITE 2330Z 29 JULY



SATELLITE 03Z 30 JULY





# CASE NO. 18

## SURFACE MAP 18Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/30/92 - 0600CST 07/31/92

Total Non-Tornadic Reports: 48

Large Hail Reports... 11      Damaging Wind Reports... 37

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	5	4	2	0	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

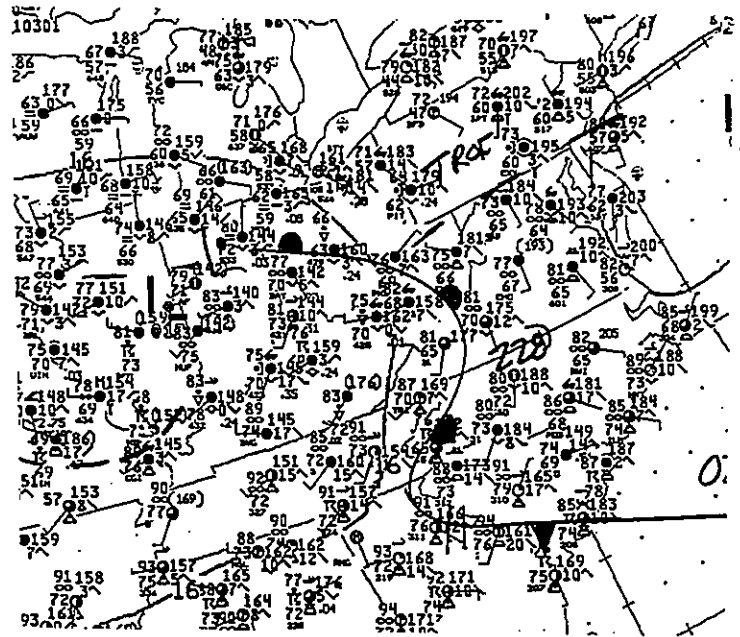
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	37	0	0	0	0	0	37
Fatalities	0	0	0	0	0	0	0
Injuries	2	0	0	0	0	0	2

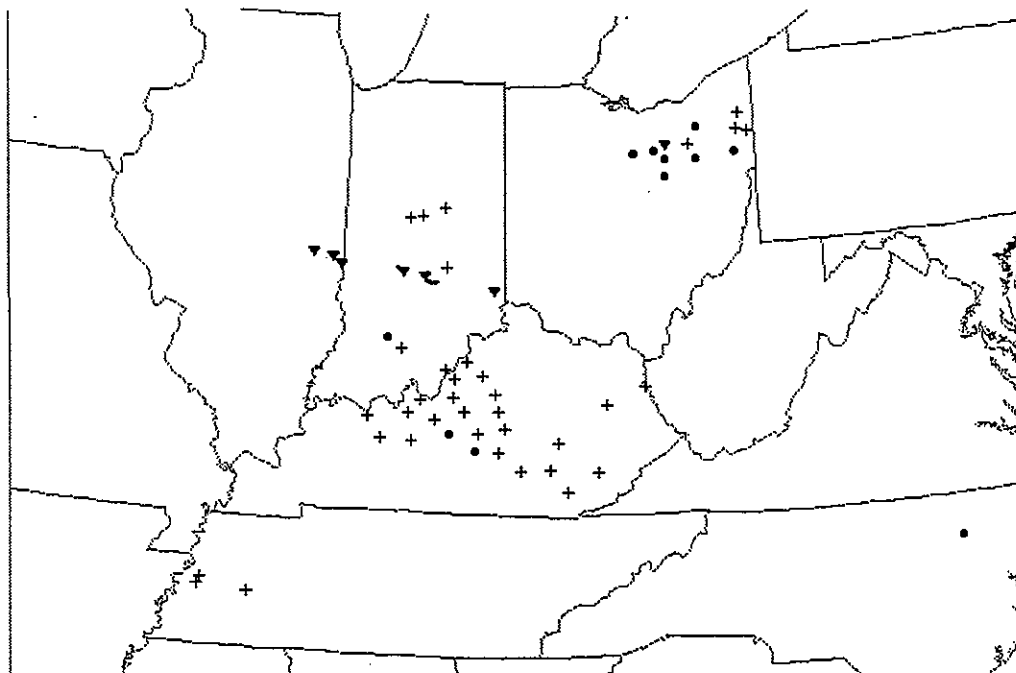
Number of Tornado Segments: 9

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	6	1	1	1	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	0	25	0	0	26



## ALL SEVERE REPORTS



0600CST 07/30/92 - 0600CST 07/31/92

SEVERE WEATHER REPORTS



# CASE NO. 18

## SURFACE MAP 21Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/30/92 - 0600CST 07/31/92

Total Non-Tornadoic Reports: 53

Large Hail Reports... 42      Damaging Wind Reports... 11

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	28	7	6	1	0	0	42
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

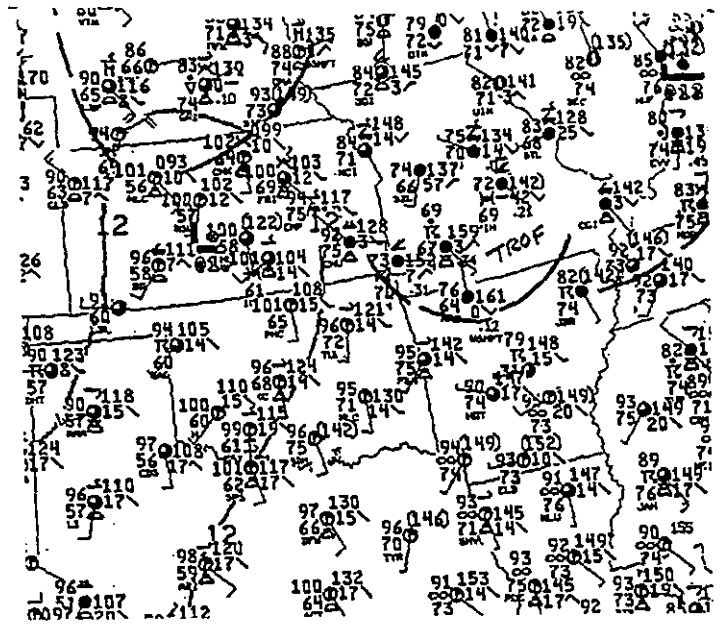
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	4	4	3	0	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

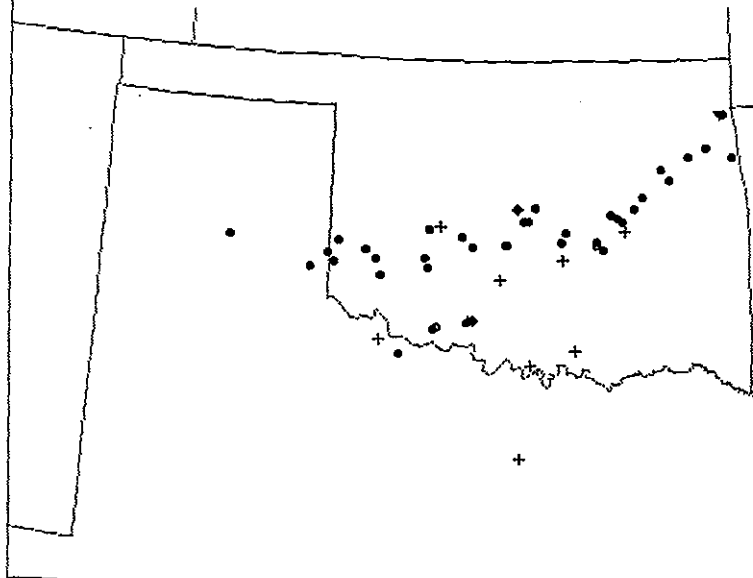
Number of Tornado Segments: 1

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



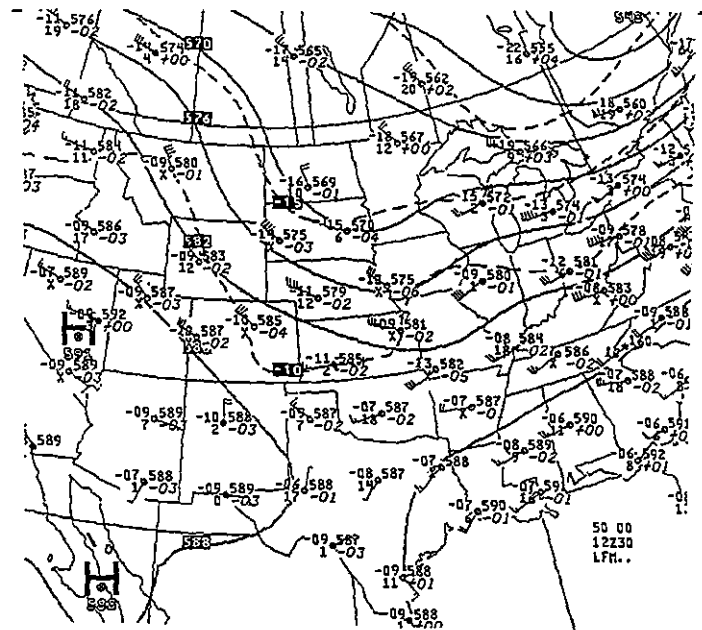
### ALL SEVERE REPORTS



0600CST 07/30/92 - 0600CST 07/31/92

51

### 500 MB 12Z



SIGNIFICANT EVENTS MAP

THURSDAY JULY 30TH, 1992

SIGNIFICANT TORNADO EVENTS

DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUL 30	1805	F-2	6.0 200	IN	MORGAN..EMINENCE	-	-	----
JUL 30	1900	F-0	0.3 50	IN	JOHNSON..TRAFALGAR	1	---	---
JUL 30	1910	F-3	7.0 200	IN	JOHNSON..2 W NINEVAH	25	1.25M	---
3 TOTAL						-	26	1.25M

SIGNIFICANT HAIL EVENTS

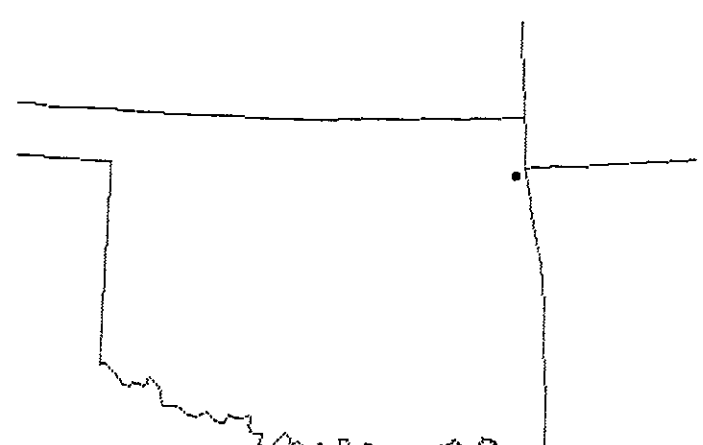
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG	
JUL 30	1511	2.75 INCH	OK	DELAWARE..1-3 E JAY	-	---	
1 TOTAL						-	---

SIGNIFICANT WIND EVENTS

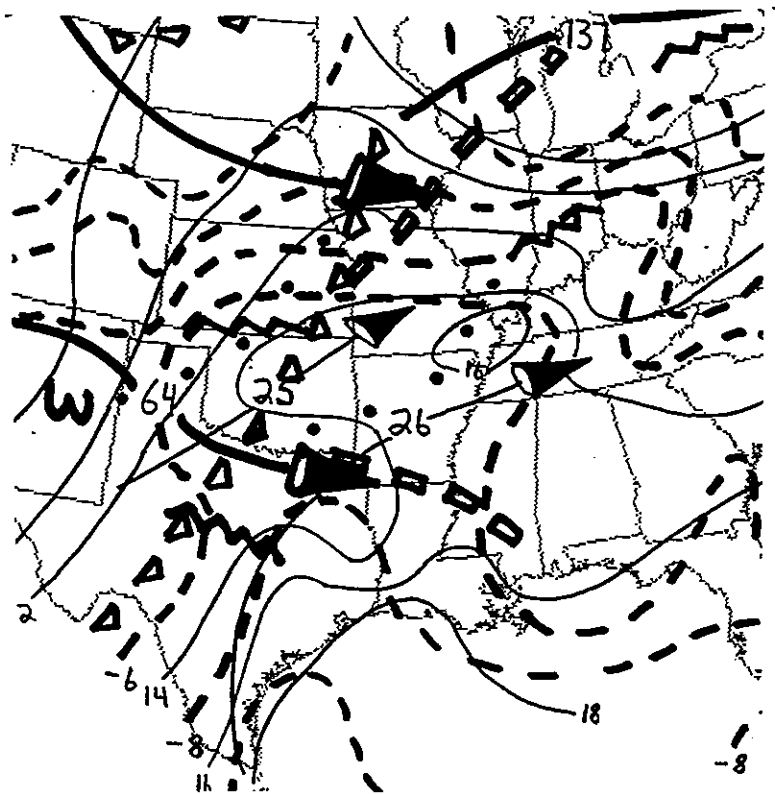
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG	
JUL 30	1640	WIND DAMAGE	KY	JEFFERSON COUNTY	-	2	---	
1 TOTAL						-	2	---



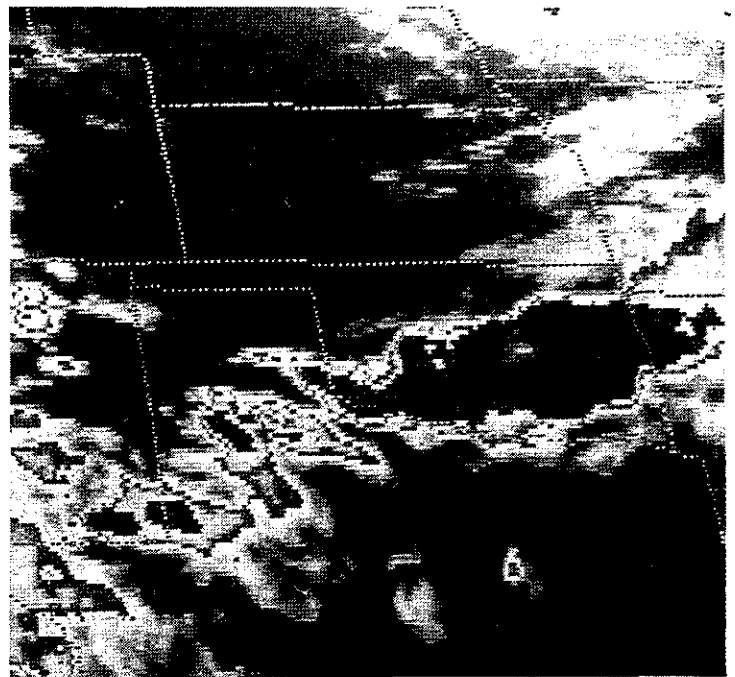
SIGNIFICANT EVENTS MAP

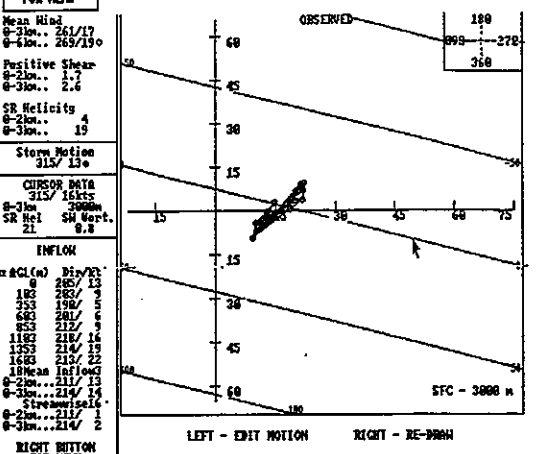
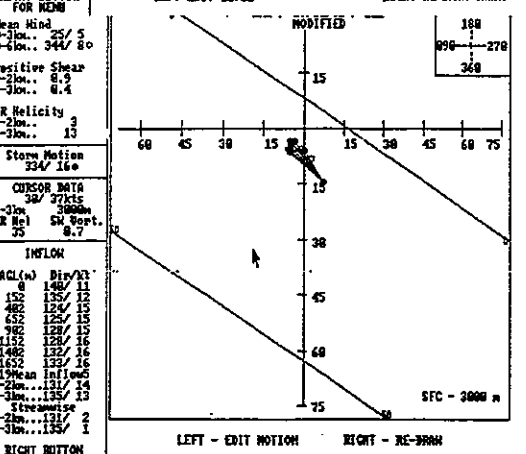
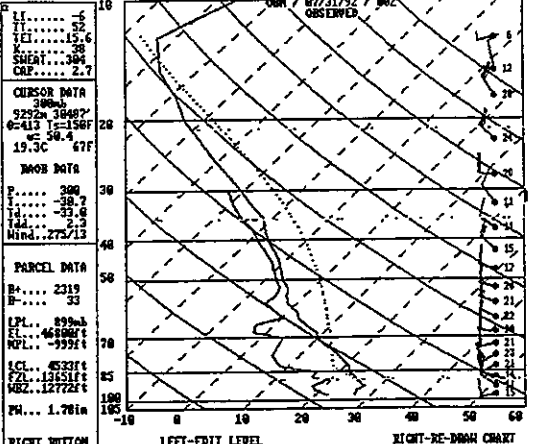
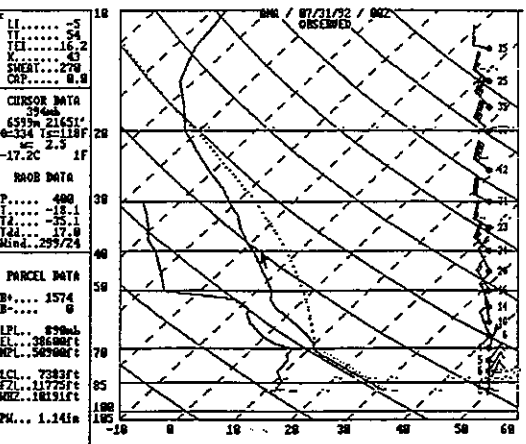
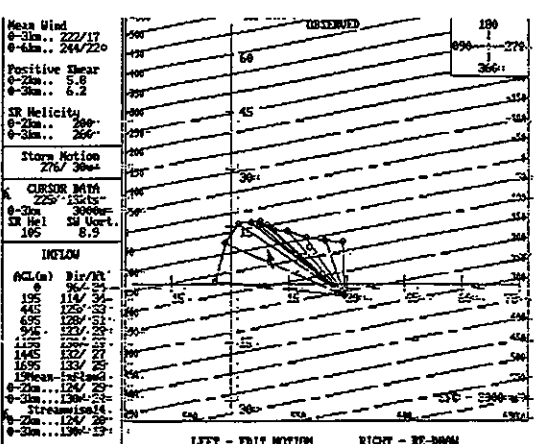
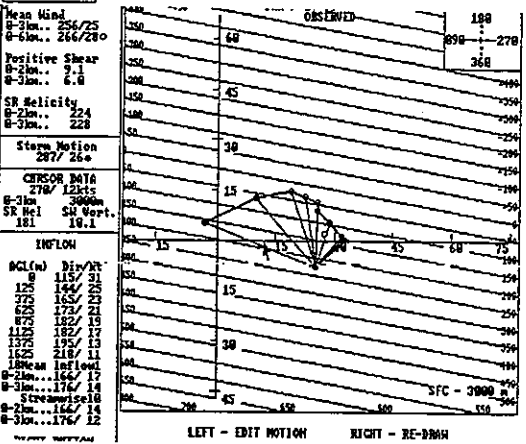
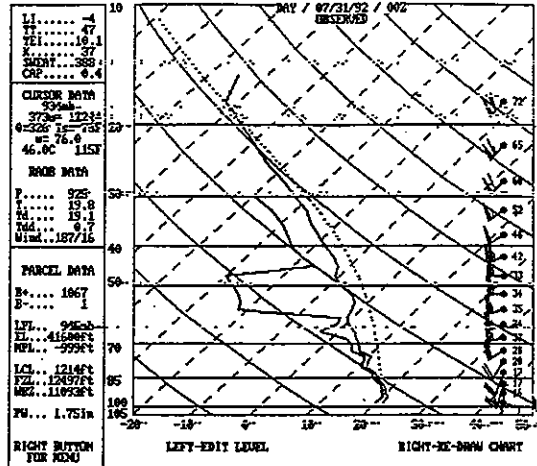
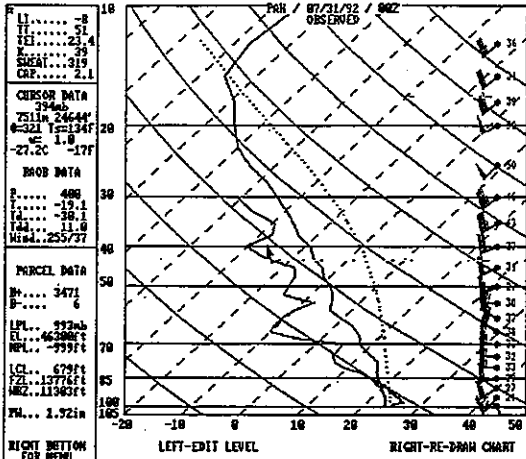


COMPOSITE MAP 12Z



SATELLITE 00Z 31 JULY





COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 07/31/92 - 0600CST 08/01/92

Total Non-Tornadoic Reports: 74

Large Hail Reports... 0 Damaging Wind Reports... 74

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

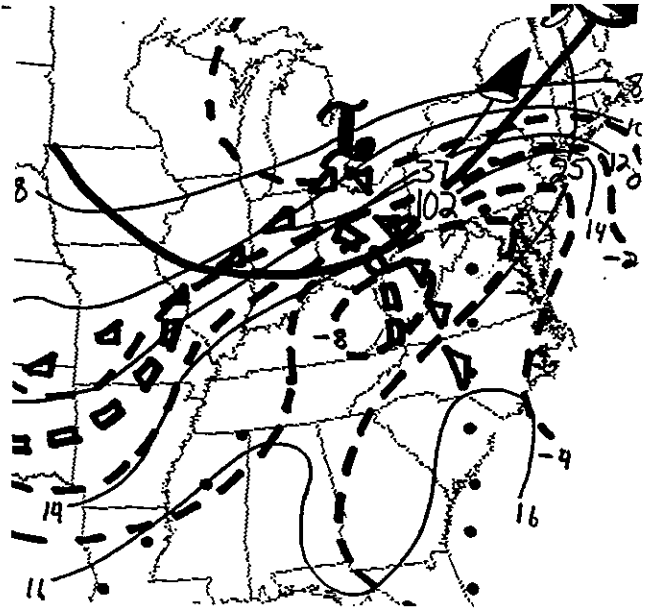
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	62	10	1	1	0	0	74
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

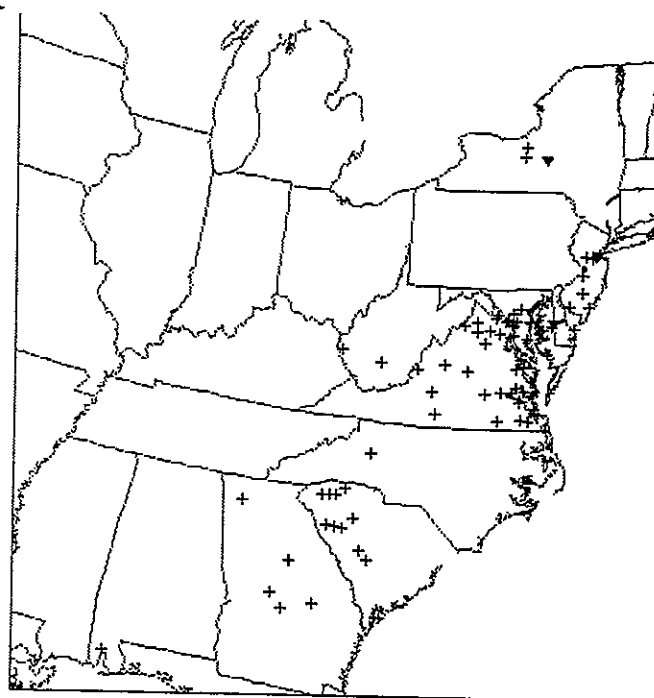
Number of Tornado Segments: 8

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	6	1	0	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

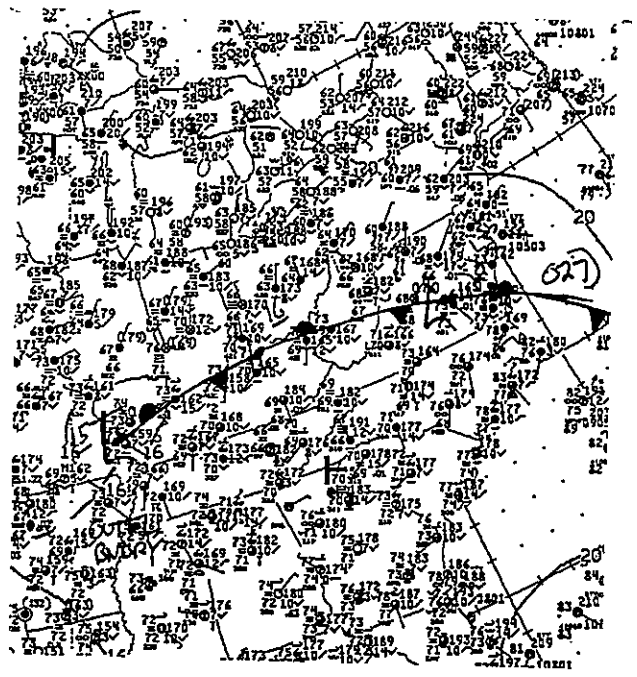


ALL SEVERE REPORTS



0600CST 07/31/92 - 0600CST 08/01/92

SURFACE MAP 12Z



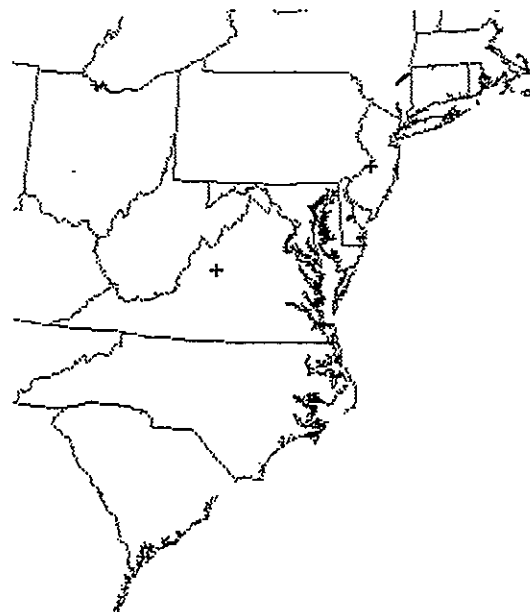
FRIDAY JULY 31ST, 1992

**SIGNIFICANT TORNADO EVENTS**

DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	IND	DMG
JUL 31	1720	F-2	4.0	20	DE	KENT/2W-2NE FREDERICA	-	---	---
JUL 31	1810	F-1	22.7	75	NY	DUTCHESS/4 SW MILLERTON	1	M	---
<b>2 TOTAL</b>							-	-	1 M

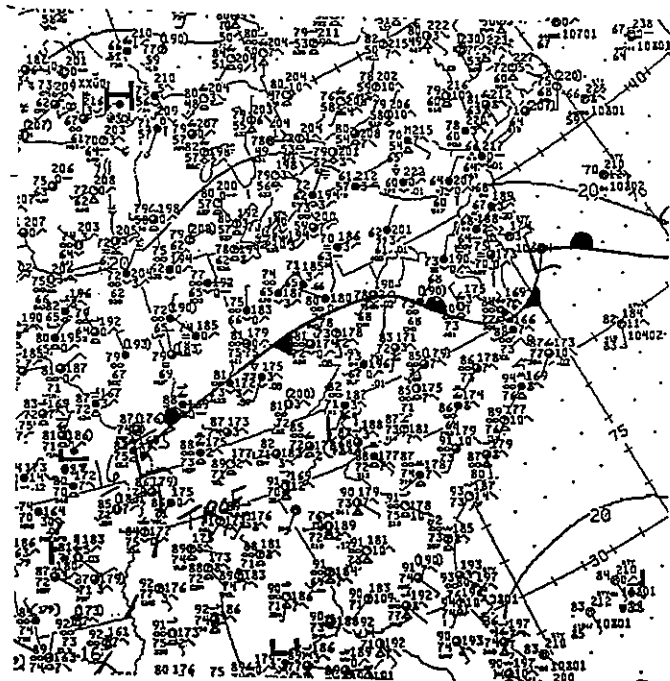
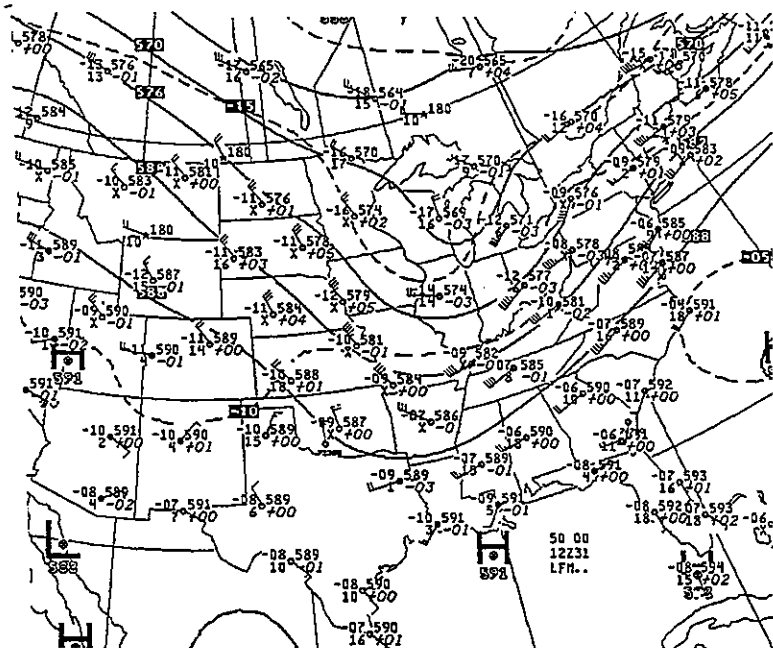
**SIGNIFICANT WIND EVENTS**

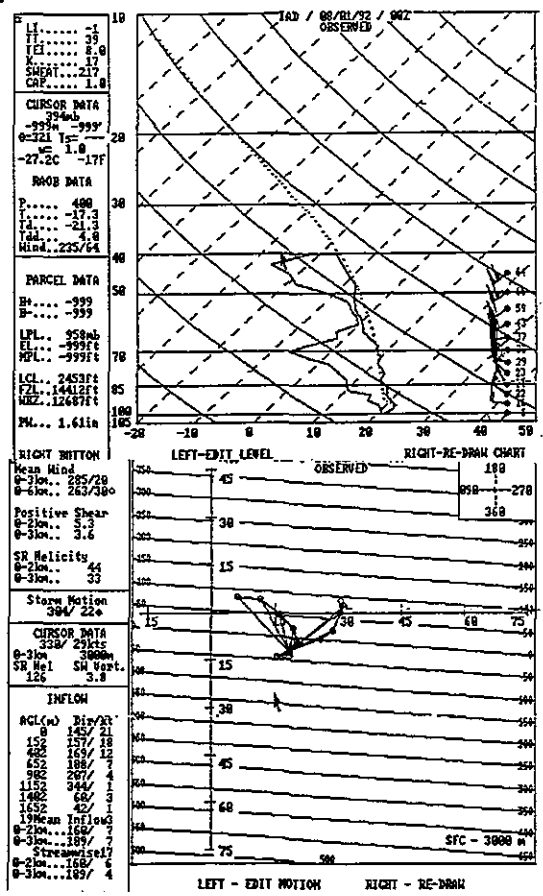
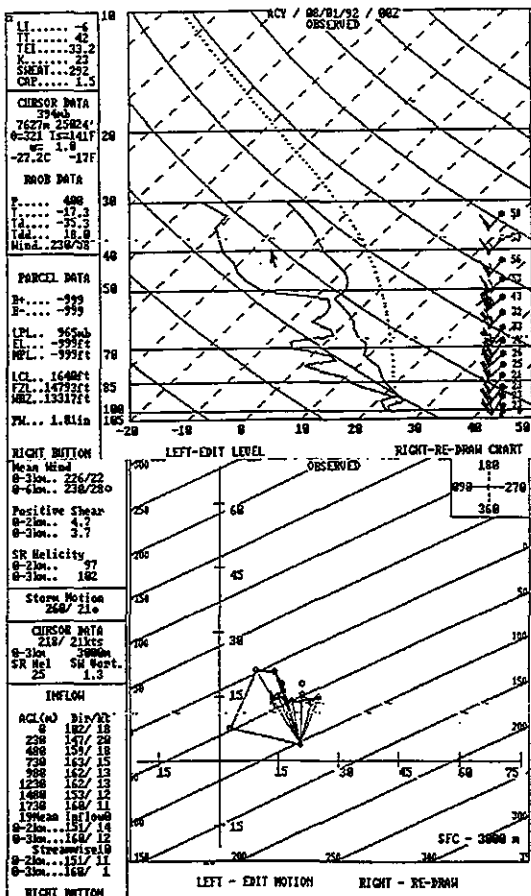
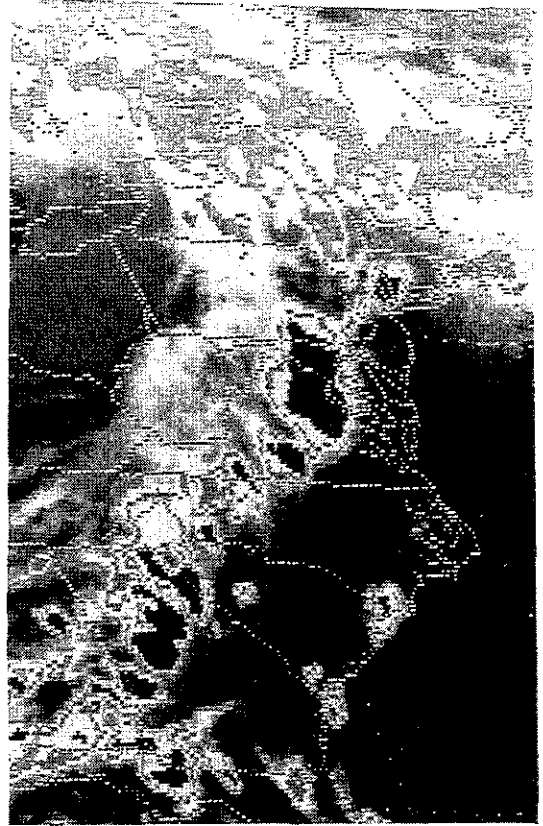
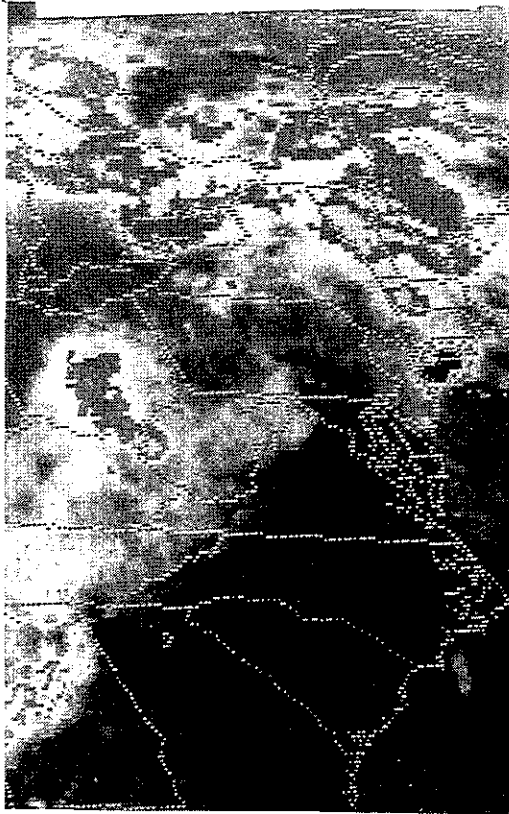
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	IND	DMG	
JUL 31	0747	90 MPH GUST	NJ	BURLINGTON/2	NW MT. HOLLY	-	---	---	
JUL 31	1330	81 MPH GUST	VA	AUGUSTA..	STEELES TAVERN	-	---	---	
<b>2 TOTAL</b>							-	-	---



500 MB 12Z

SURFACE MAP 18Z





CASE NO. 20

SURFACE MAP 18Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/02/92 - 0600CST 08/03/92

Total Non-Tornadic Reports: 38

Large Hail Reports... 14      Damaging Wind Reports... 24

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	10	1	3	0	0	0	14
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

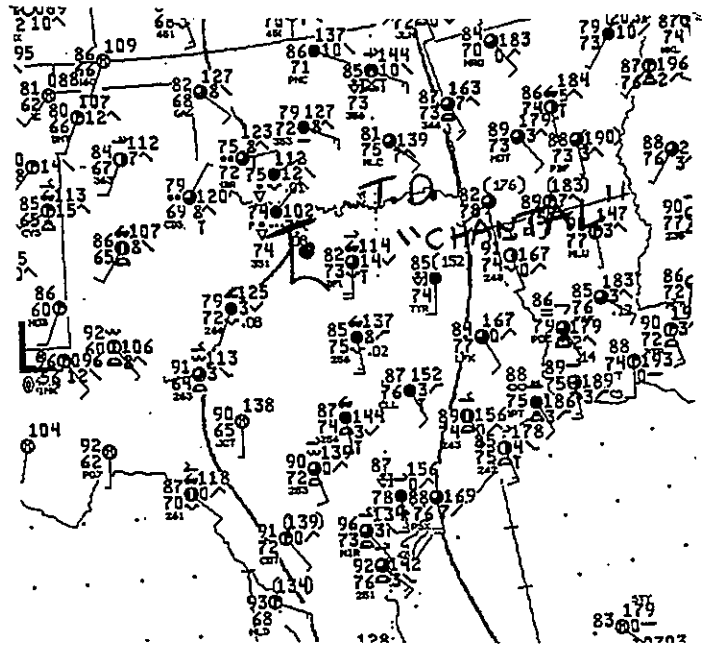
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	16	8	0	0	0	0	24
Fatalities	0	0	0	0	0	0	0
Injuries	2	0	0	0	0	0	2

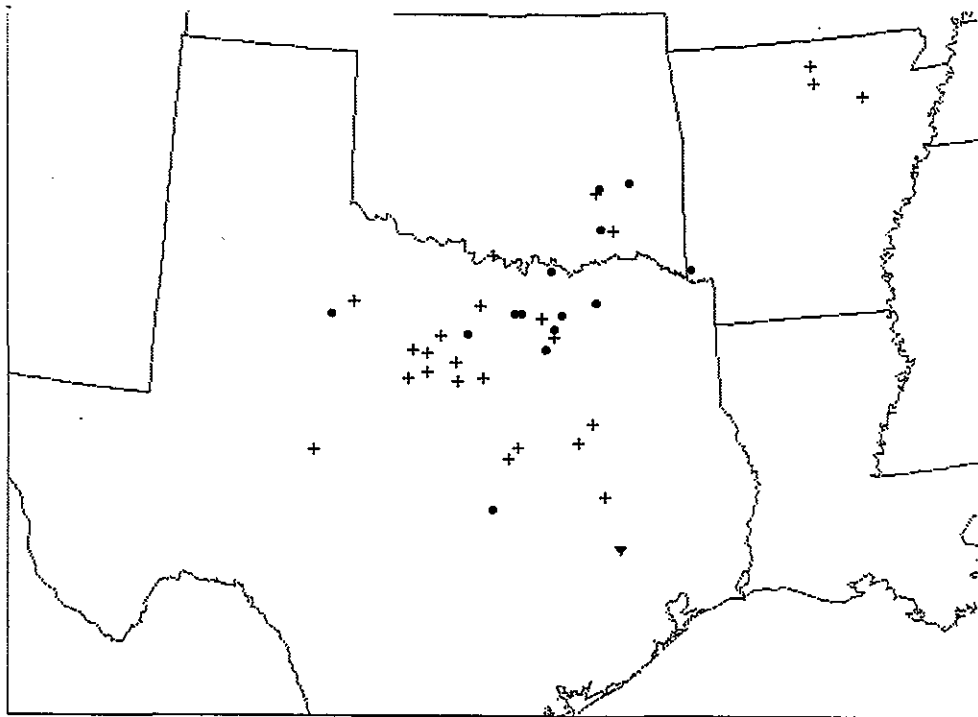
Number of Tornado Segments: 1

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	1	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 08/02/92 - 0600CST 08/03/92

SEVERE WEATHER REPORTS

# CASE NO. 20

## SURFACE MAP 21Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/02/92 - 0600CST 08/03/92

Total Non-Tornadoic Reports: 5

Large Hail Reports... 4      Damaging Wind Reports... 1

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	4	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

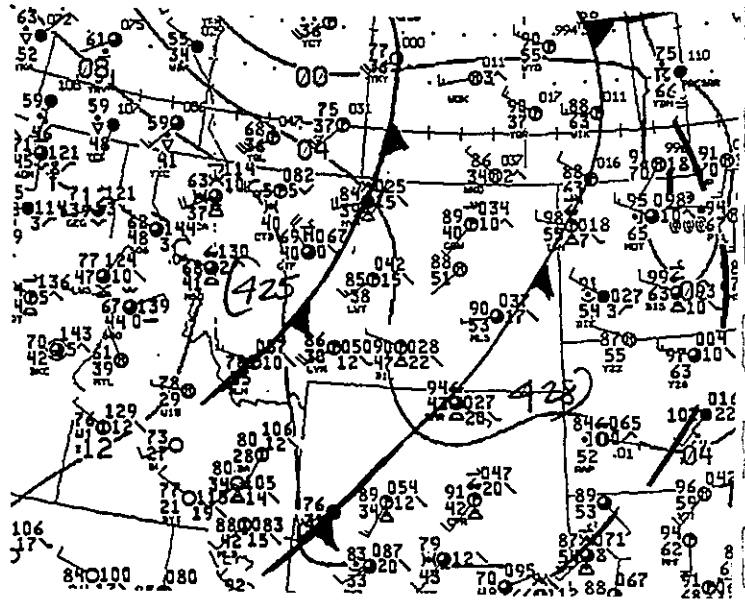
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	0	1	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

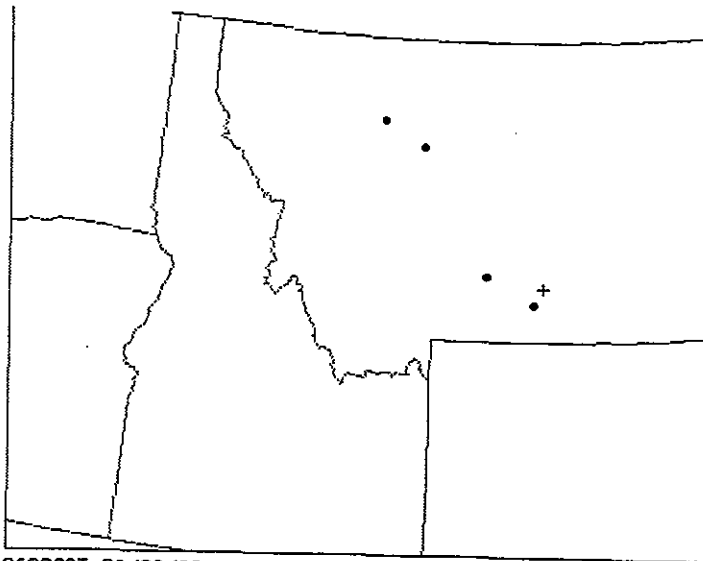
Number of Tornado Segments: 0

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

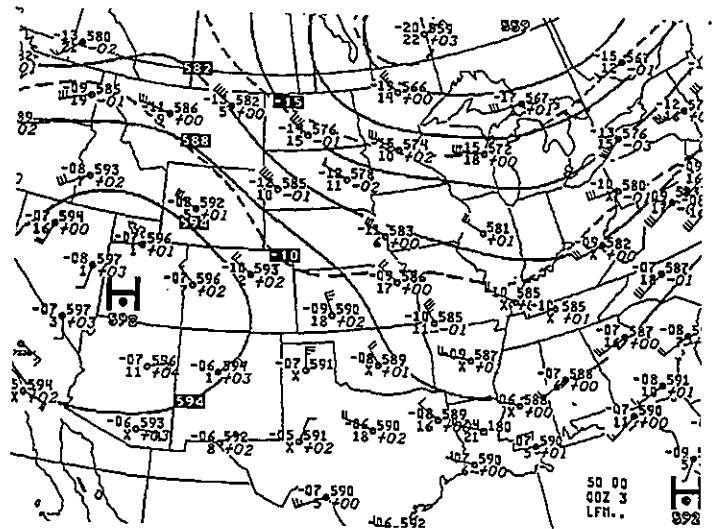


## ALL SEVERE REPORTS



0600CST 08/02/92 - 0600CST 08/03/92

## 500 MB 00Z



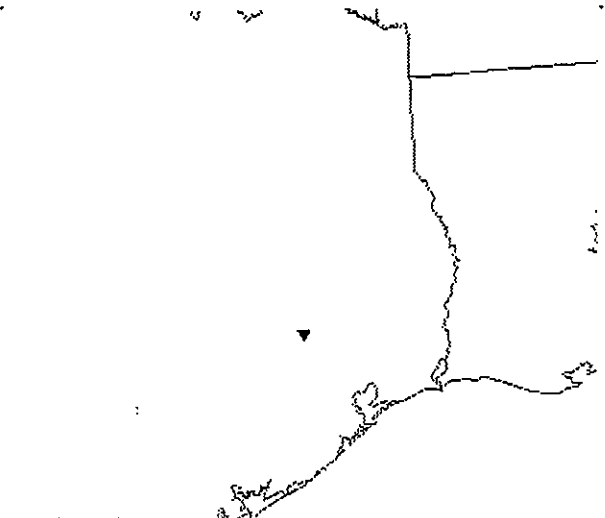


SIGNIFICANT EVENTS MAP

SUNDAY AUGUST 2ND, 1992

SIGNIFICANT TORNADO EVENTS

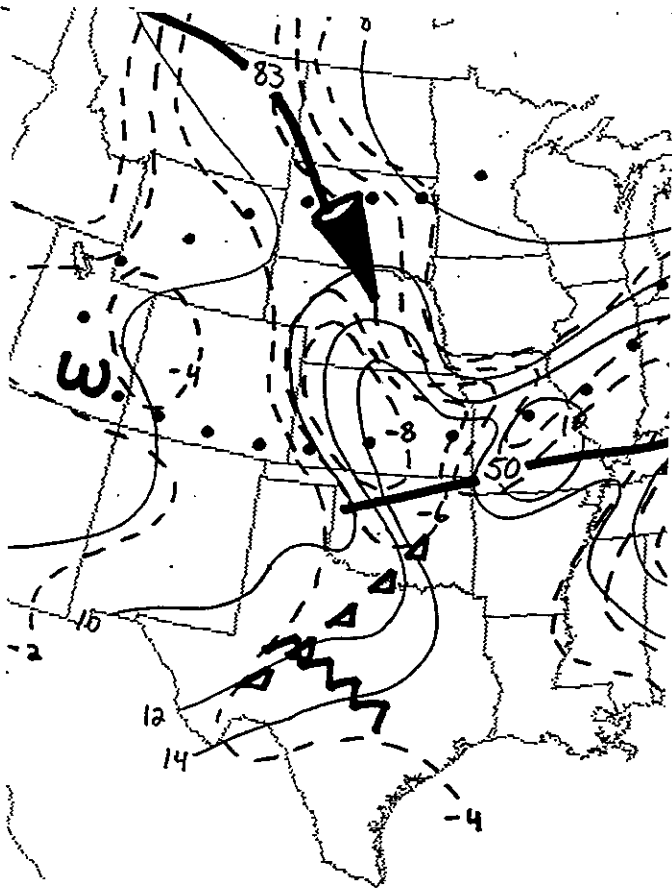
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
AUG 2	1745	F-1	.01	10	TX	MONTGOMERY..10 W CONROE	4	---	---
1 TOTAL							---	4	---



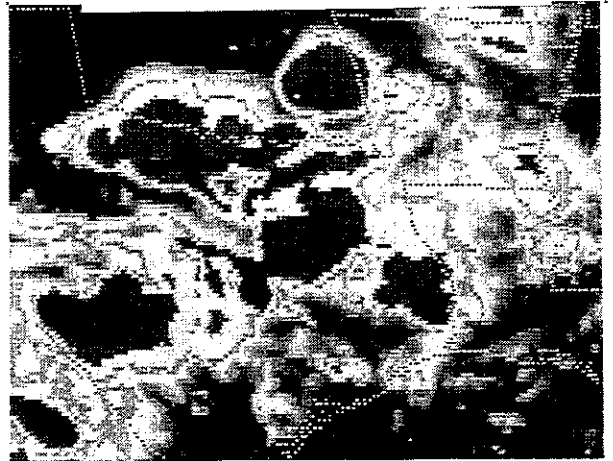
08/03/92

TORN

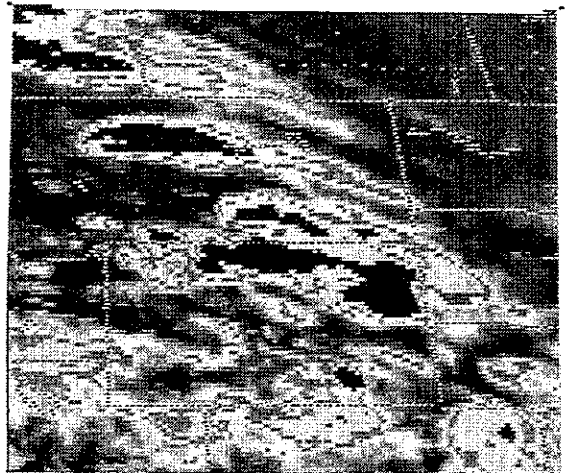
COMPOSITE MAP 00Z

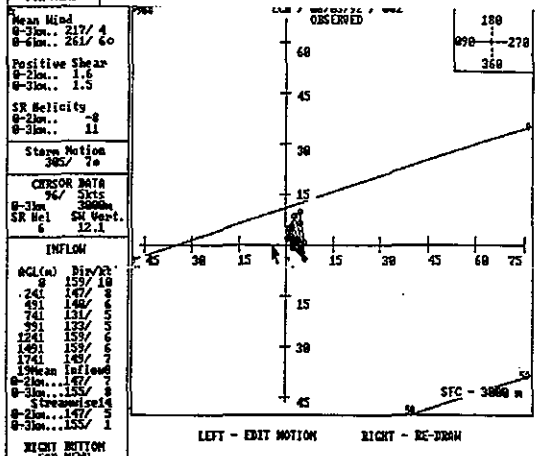
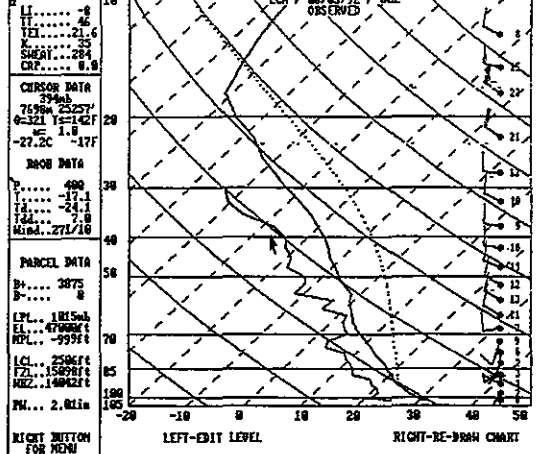
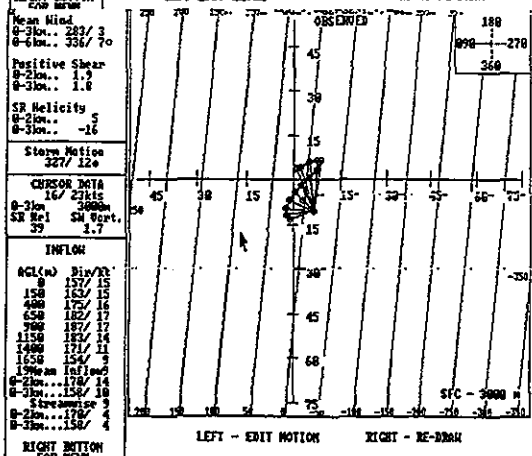
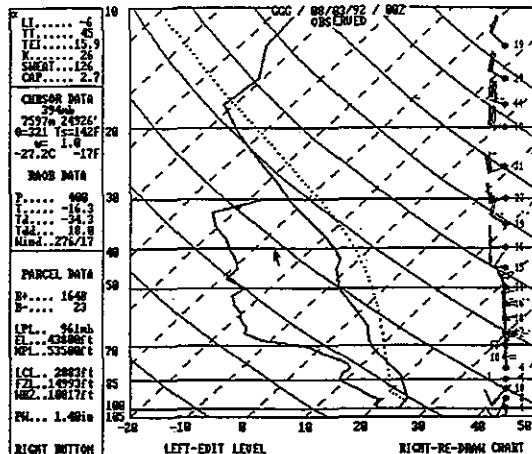
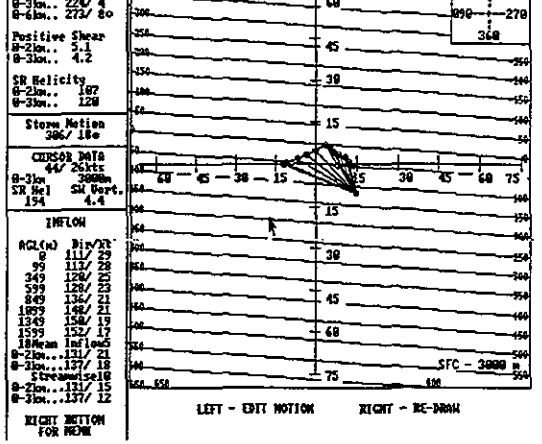
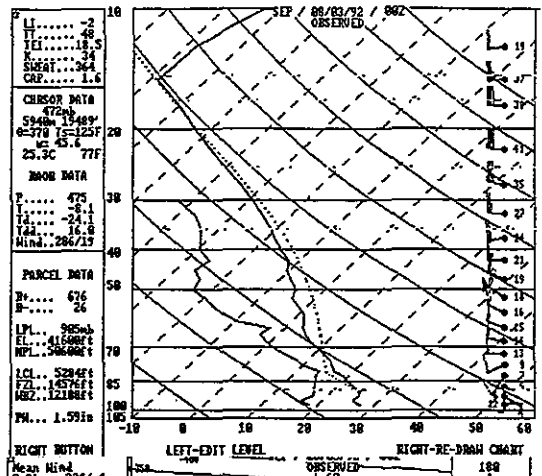
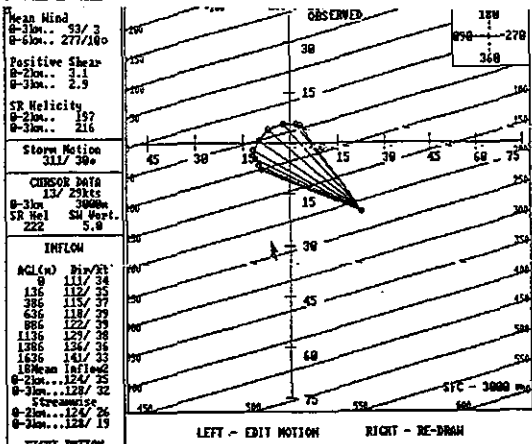
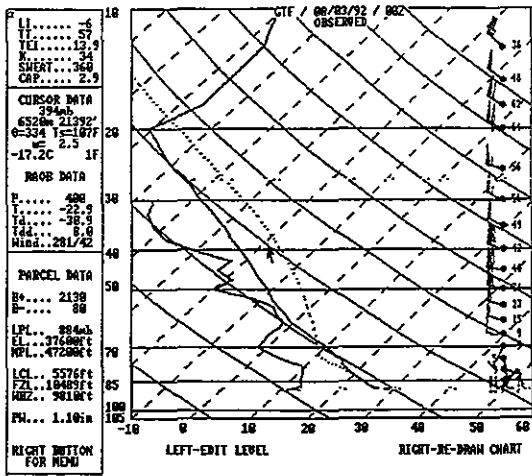


SATELLITE 23Z 2 AUGUST



SATELLITE 0230Z 3 AUGUST





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/03/92 - 0600CST 08/04/92

Total Non-Tornadic Reports: 49

Large Hail Reports... 10      Damaging Wind Reports... 39

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	7	3	0	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

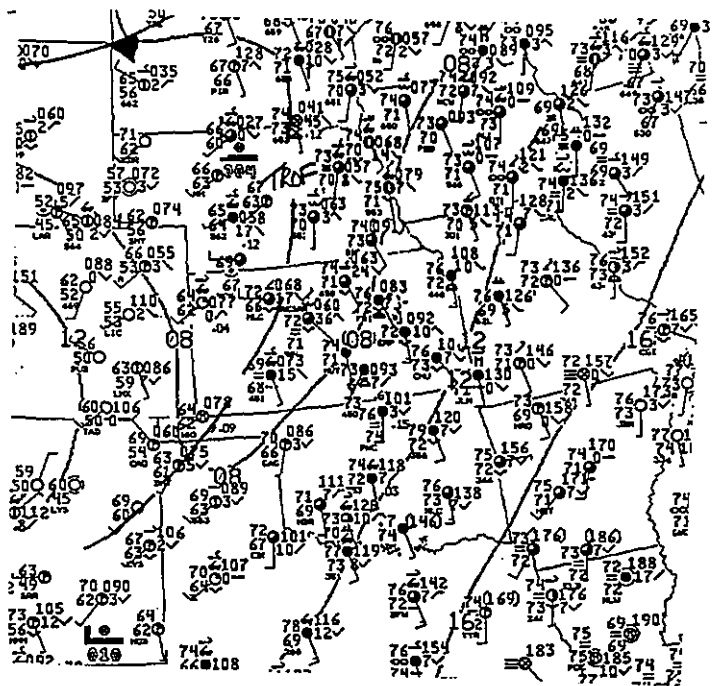
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	18	19	2	0	0	0	39
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

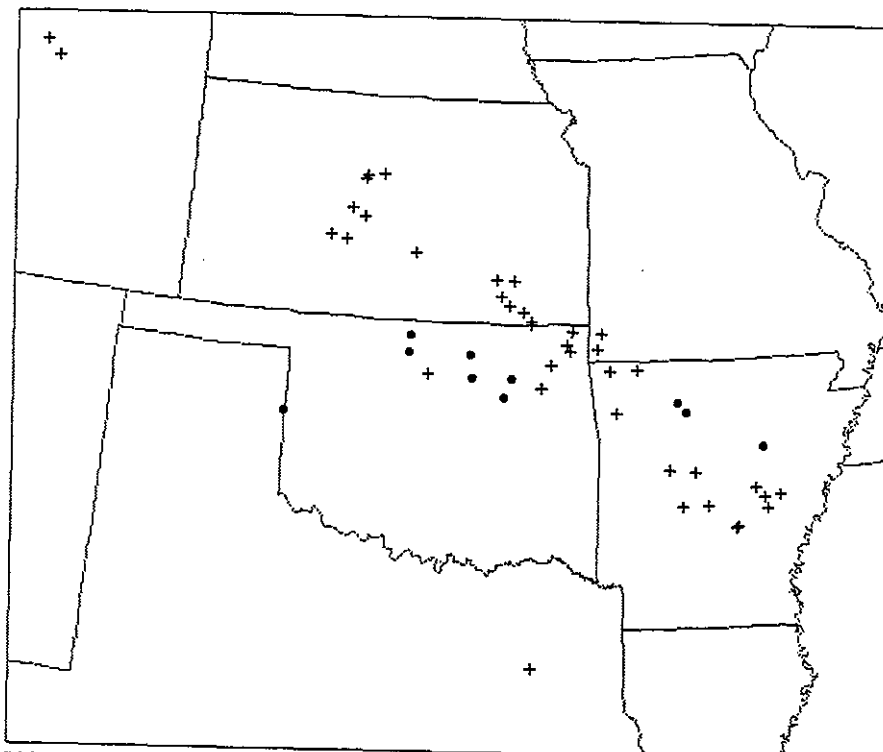
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 08/03/92 - 0600CST 08/04/92

SEVERE WEAT

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/03/92 - 0600CST 08/04/92

Total Non-Tornadoic Reports: 6

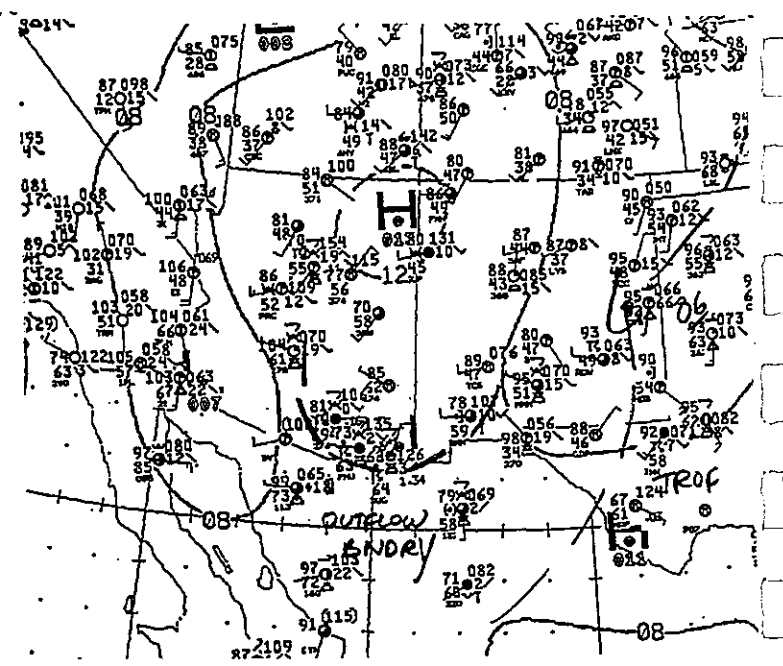
Large Hail Reports... 2      Damaging Wind Reports... 4

LARGE HAIL							
	075	100	150	200	300	400	TOT
Hail	0	0	2	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

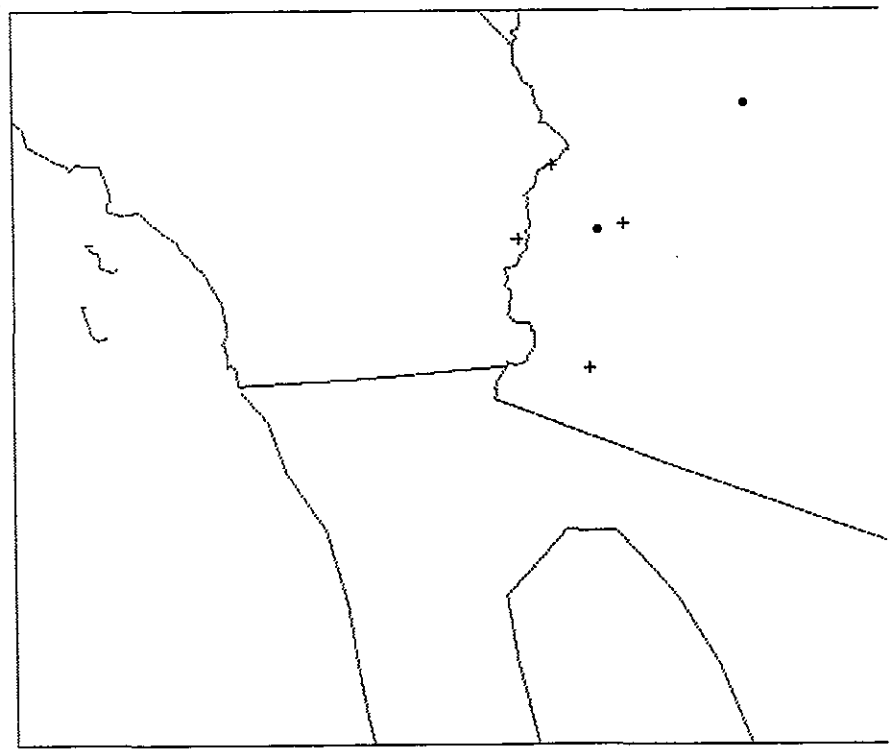
DAMAGING WIND							
	WNDG	50	60	70	80	90	TOT
Wind	3	1	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

TORNAO SEGMENTS							
	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 08/03/92 - 0600CST 08/04/92

SEVERE WEAT

SIGNIFICANT EVENTS MAP

MONDAY AUGUST 3RD, 1992

SIGNIFICANT RAIN EVENTS

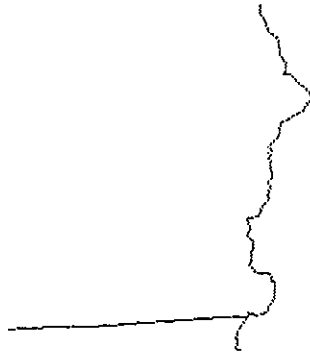
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
AUG 3	1645	1.75 INCH	AZ	YAVAPI...PRESCOTT	-	1 M

1 TOTAL - 1 M

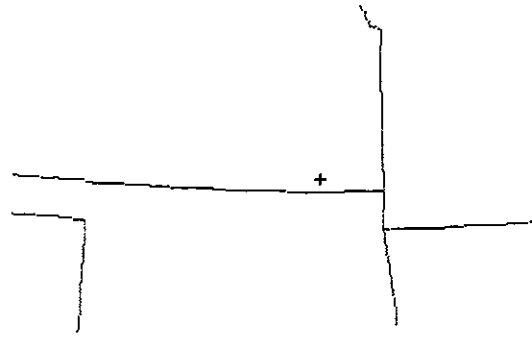
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
AUG 3	1148	75 MPH GUST	KS	MONTGOMERY...INDEPENDENCE	-	-	---

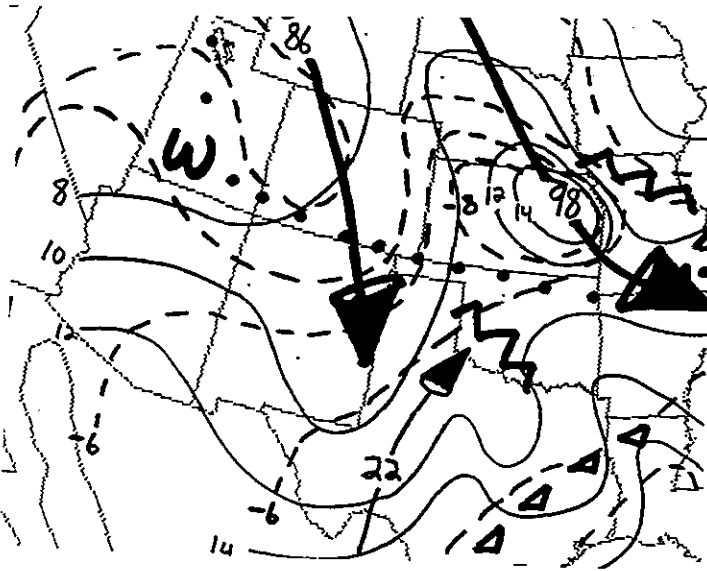
1 TOTAL - - - - -



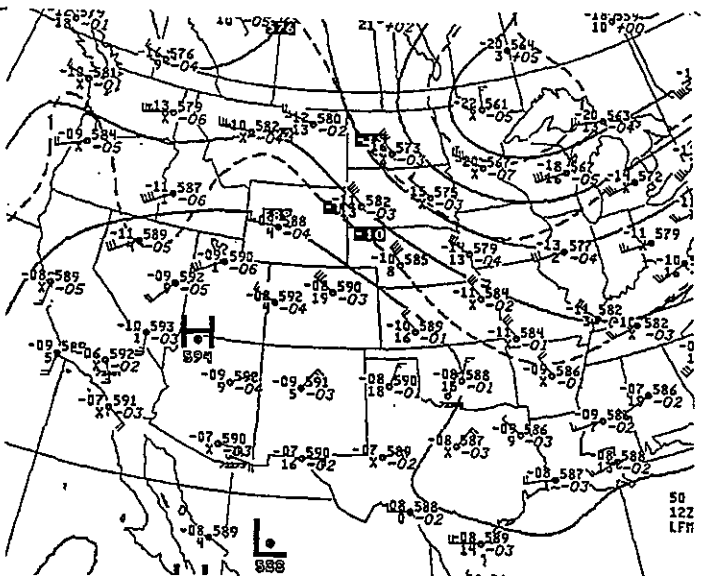
SIGNIFICANT EVENTS MAP



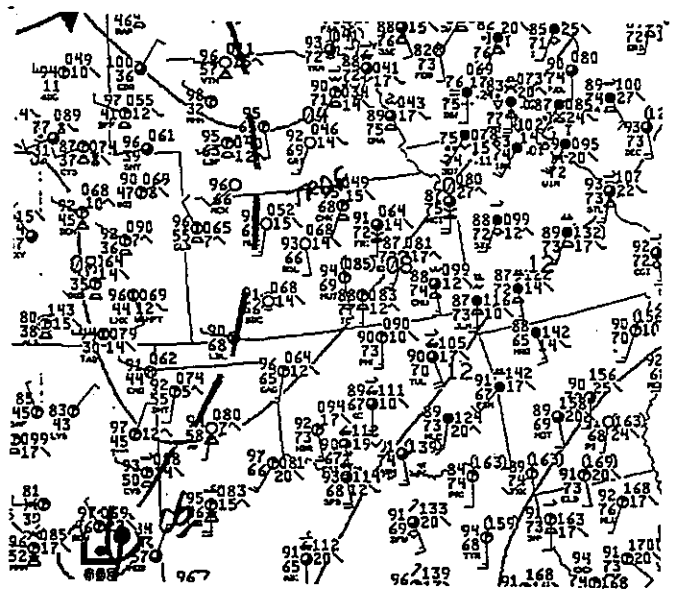
COMPOSITE MAP 12Z

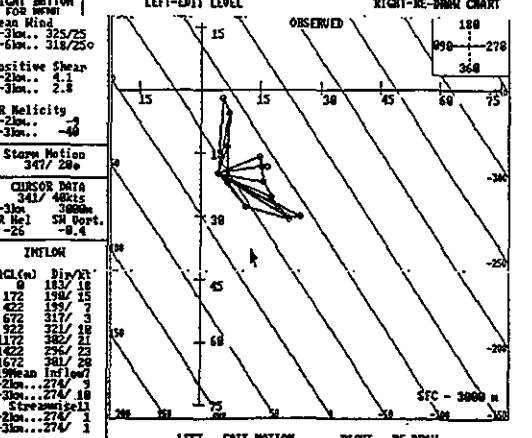
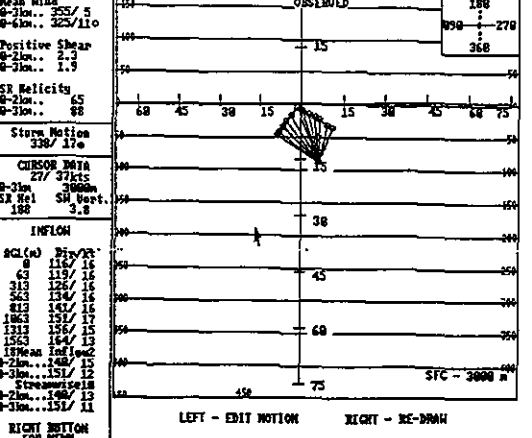
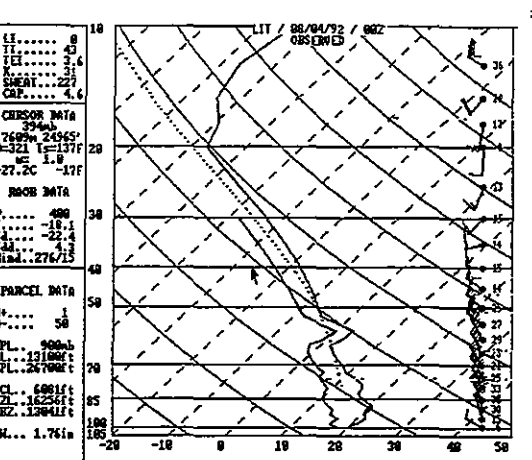
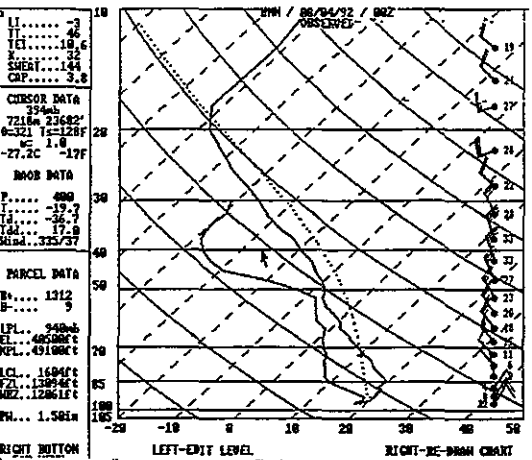
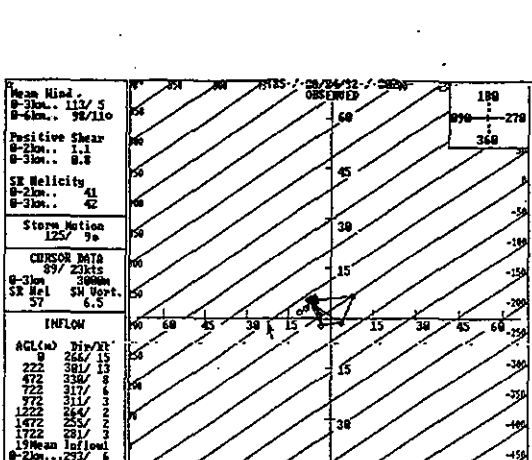
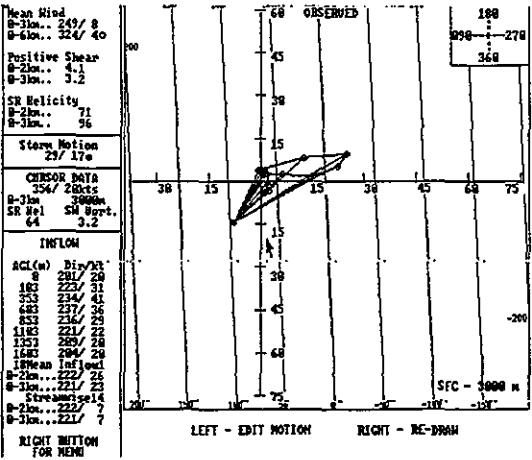
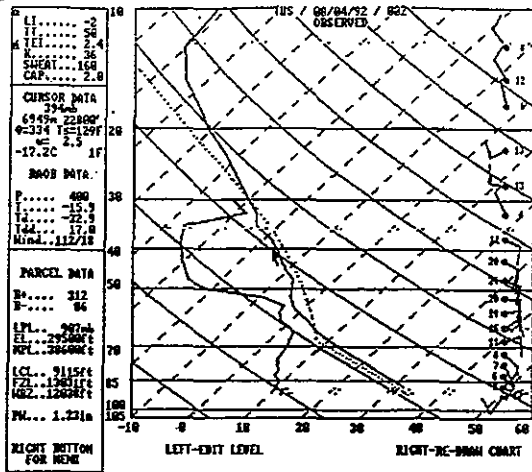
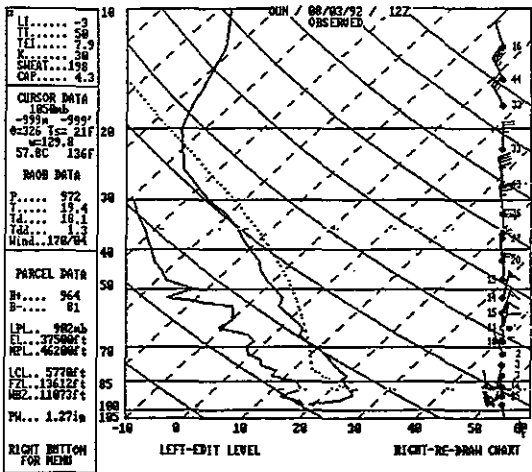


500 MB 12Z



SURFACE MAP 21Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/04/92 - 0600CST 08/05/92

Total Non-Tornadoic Reports: 93

Large Hail Reports... 64 Damaging Wind Reports... 29

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	22	10	23	6	0	3	64
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

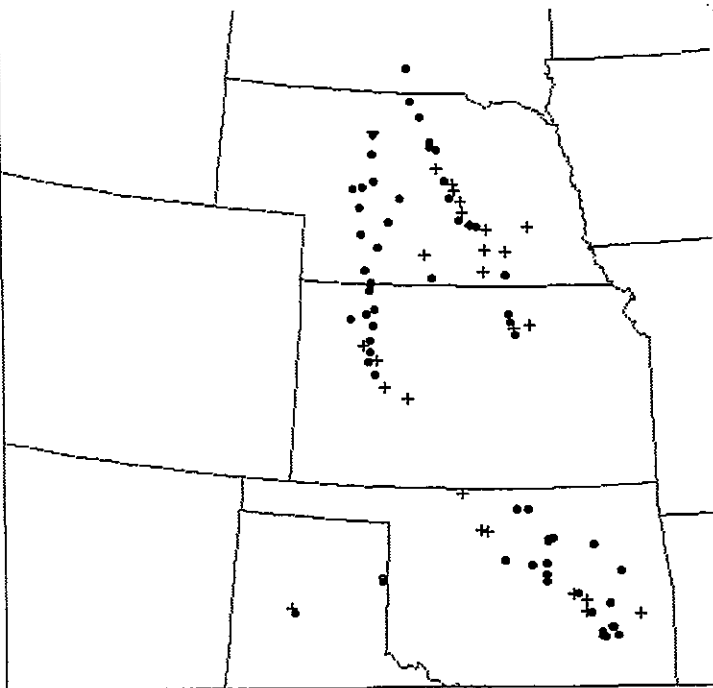
	WINDG	50	60	70	80	90	TOT
Wind	16	9	4	0	0	0	29
Fatalities	0	0	0	0	0	0	0
Injuries	0	1	0	0	0	0	1

Number of Tornado Segments: 1

TORNADO SEGMENTS

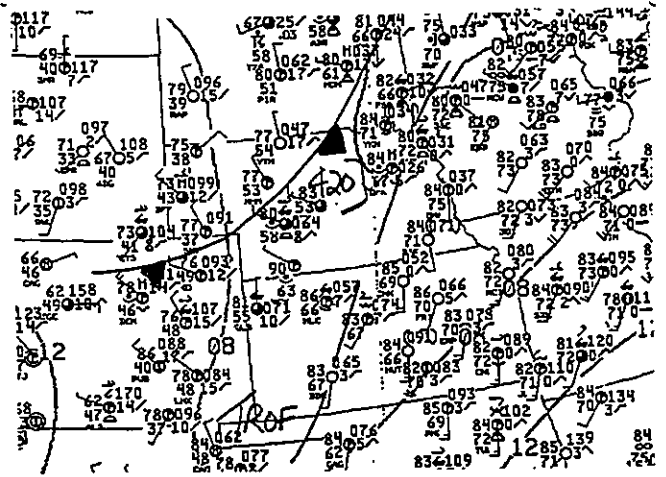
	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

ALL SEVERE REPORTS

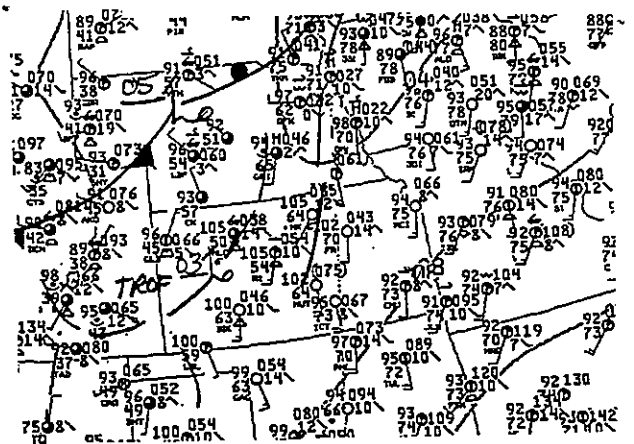


0600CST 08/04/92 - 0600CST 08/05/92

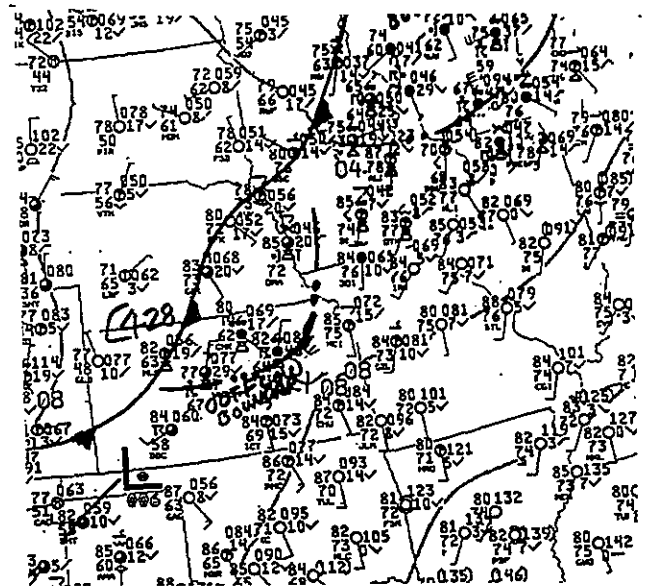
SURFACE MAP 15Z



SURFACE MAP 21Z



SURFACE MAP 03Z



SIGNIFICANT EVENTS MAP

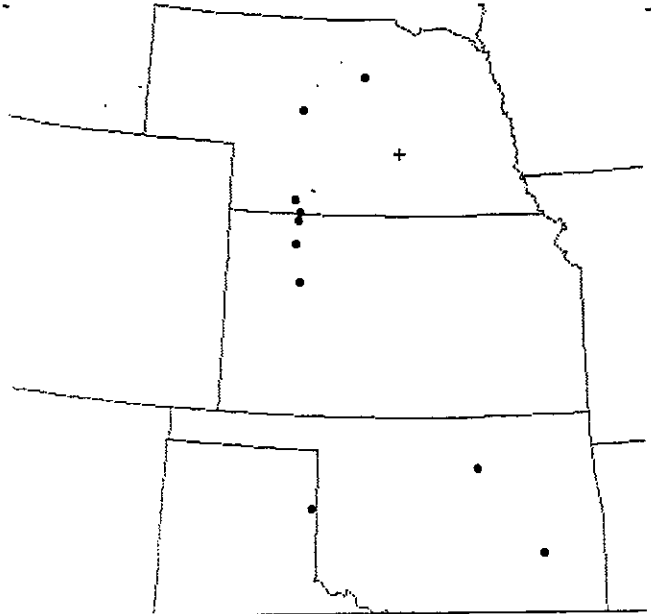
TUESDAY AUGUST 4TH, 1992

SIGNIFICANT WEATHER EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
AUG 4	1145	1.75 INCH	NE	GARFIELD..	.6 SE BURWELL	-	1 M
AUG 4	1800	2.75 INCH	NE	LOGAN..	.20 NW STAPLETON	-	---
AUG 4	1839	2.00 INCH	TX	WHEELER..	ALLISON	-	---
AUG 4	2055	4.00 INCH	NE	RED WILLOW..	MCCOOK	-	---
AUG 4	2145	2.75 INCH	NE	RED WILLOW..	MARION	-	---
AUG 4	2147	2.75 INCH	KS	OBERLIN..	4.2 N OBERLIN	-	---
AUG 4	2205	4.00 INCH	KS	SHERIDAN..	SILDEN	-	---
AUG 4	2300	4.00 INCH	KS	GOVE..	GOVE	-	---
AUG 4	2300	2.75 INCH	OK	PITTSBURG..	.7 E MCALESTER	-	---
AUG 5	0340	2.50 INCH	OK	PAYNE..	.3E 1.5 S GLENCOE	-	---
<b>9 TOTAL</b>						-	<b>1 M</b>

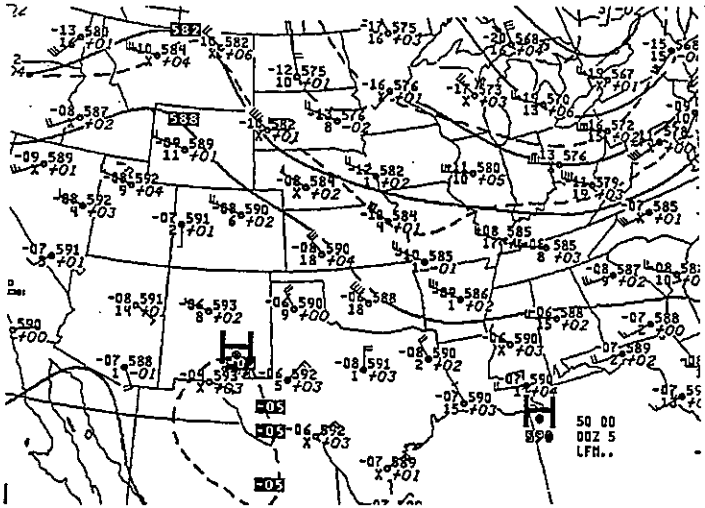
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
AUG 4	1620	68 MPH GUST	NE	HALL..	GRAND ISLAND	-	-	1 M
<b>1 TOTAL</b>						-	-	<b>1 M</b>

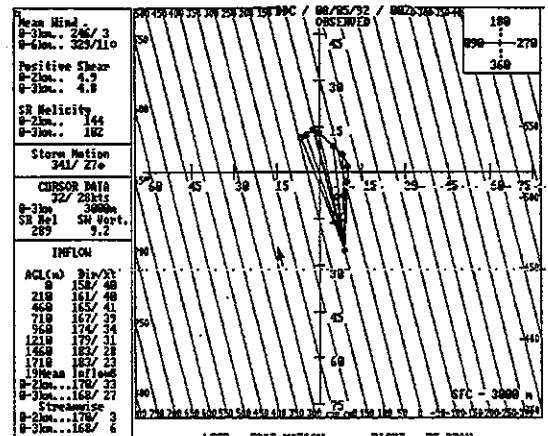
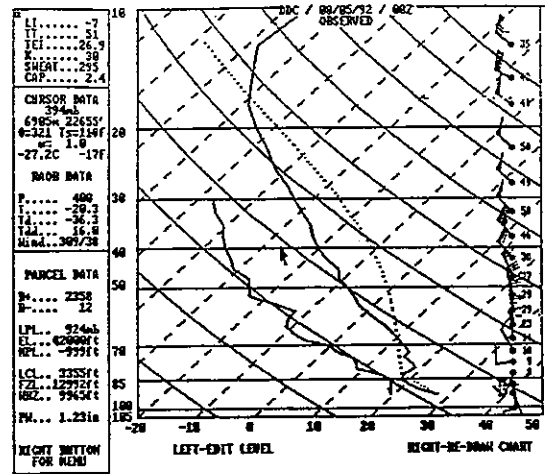
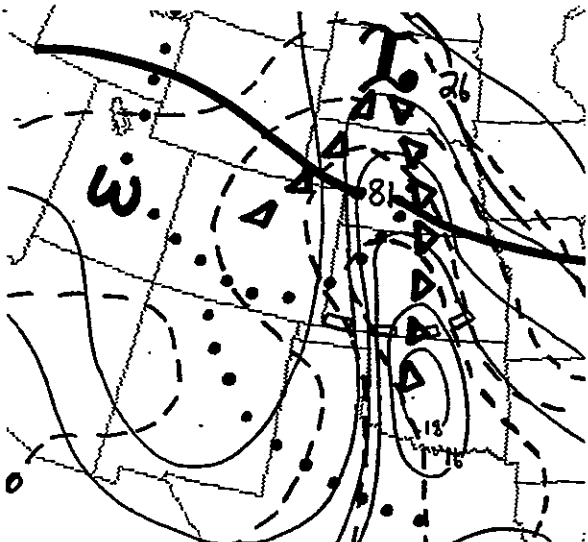


08/04/92 - 0600CST 08/05/92

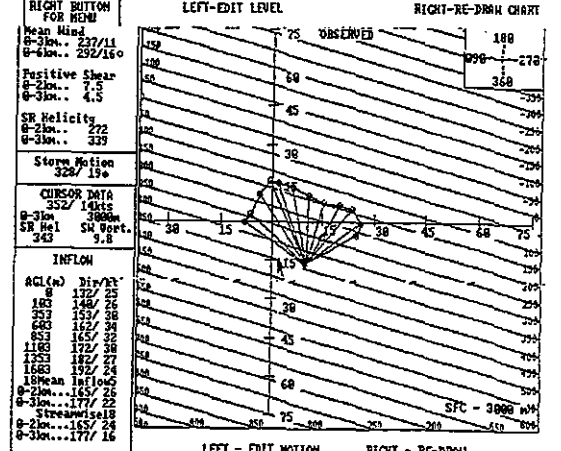
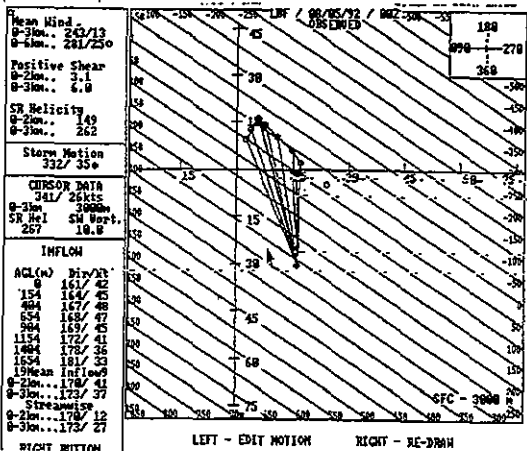
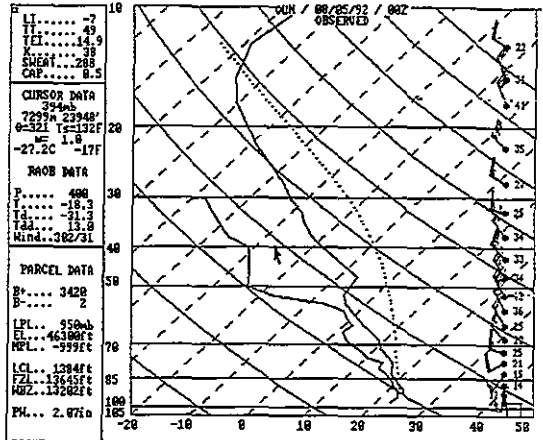
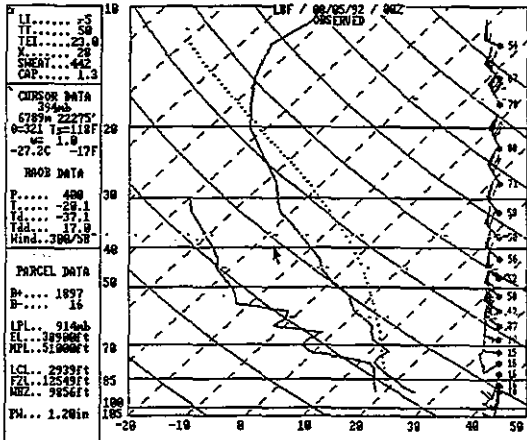
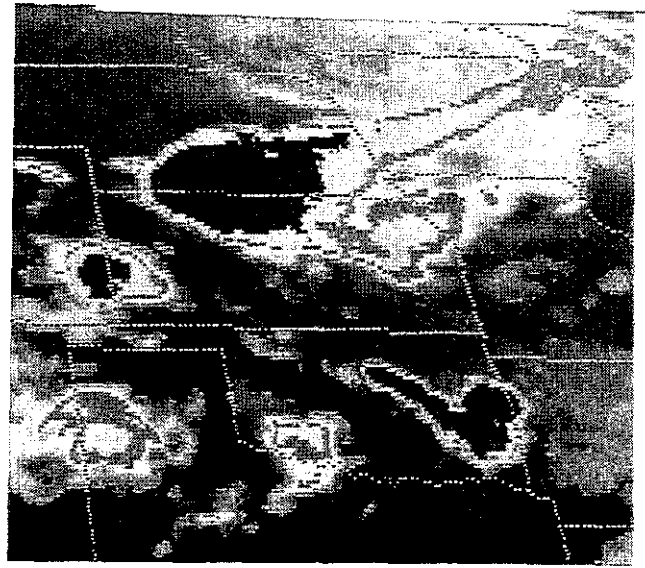
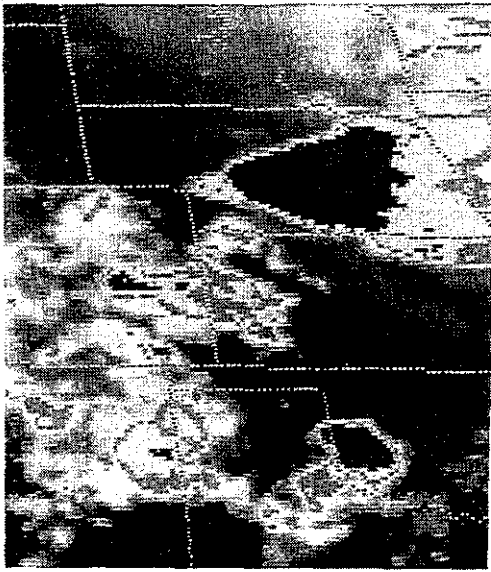
500 MB 00Z



COMPOSITE MAP 00Z







CASE NO. 23

COMPOSITE MAP 00Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/09/92 - 0600CST 08/10/92

Total Non-Tornadic Reports: 36

Large Hail Reports... 6 Damaging Wind Reports... 30

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	4	1	1	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

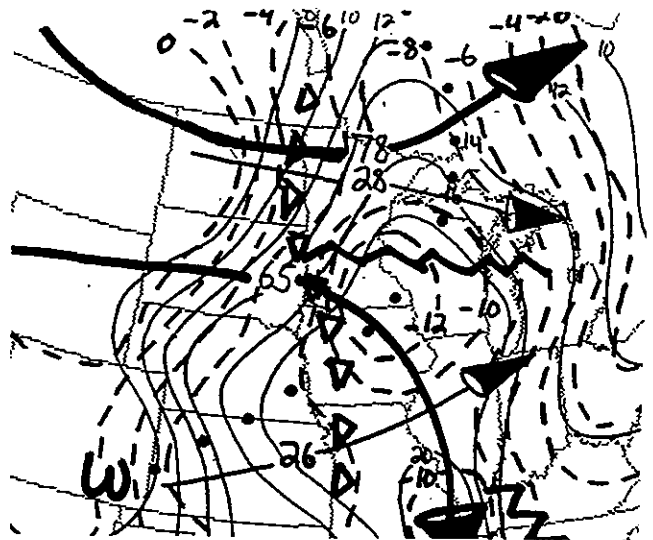
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	21	4	5	0	0	0	30
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

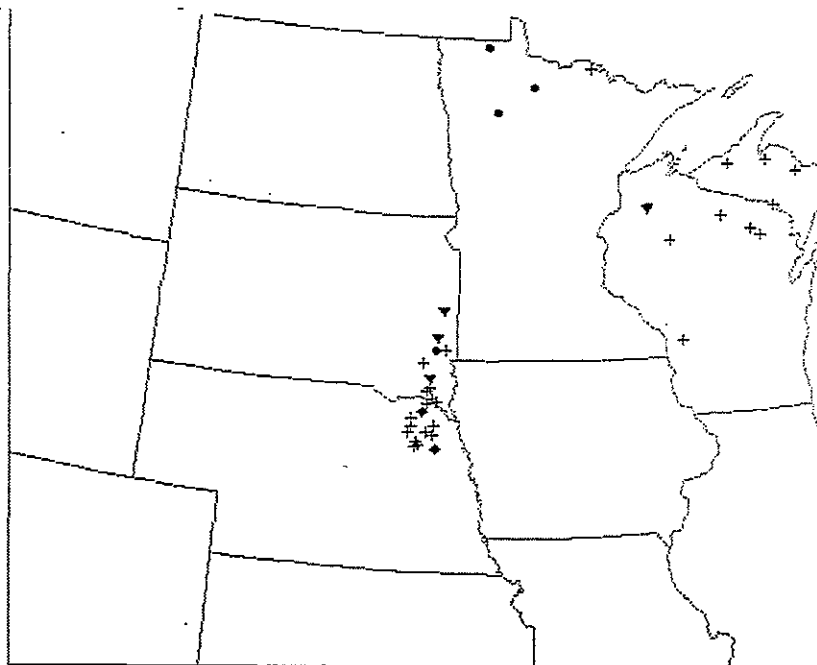
Number of Tornado Segments: 5

TORNADO SEGMENTS

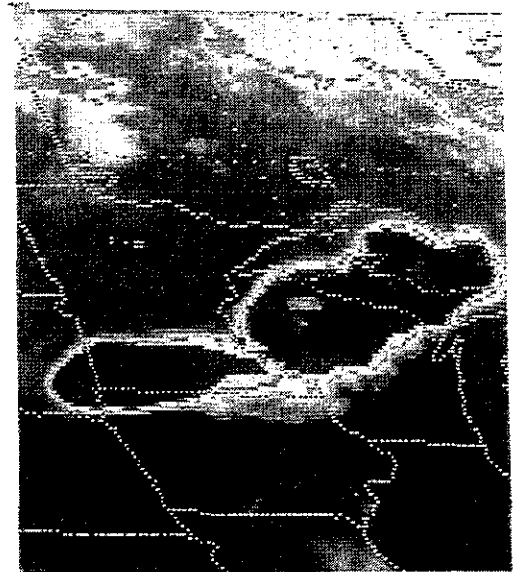
	F0	F1	F2	F3	F4	F5	TOT
Segments	2	2	1	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



SATELLITE 04Z 10 AUGUST



0600CST 08/09/92 - 0600CST 08/10/92

SEVERE

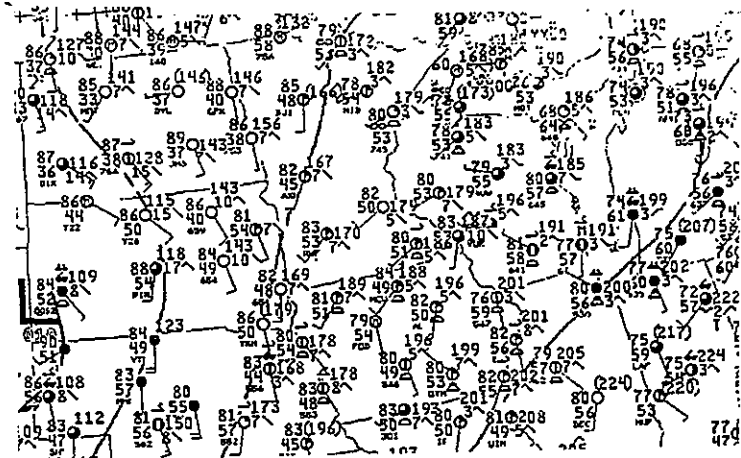
# SUNDAY AUGUST 9TH, 1992

## SIGNIFICANT TORNADO EVENTS

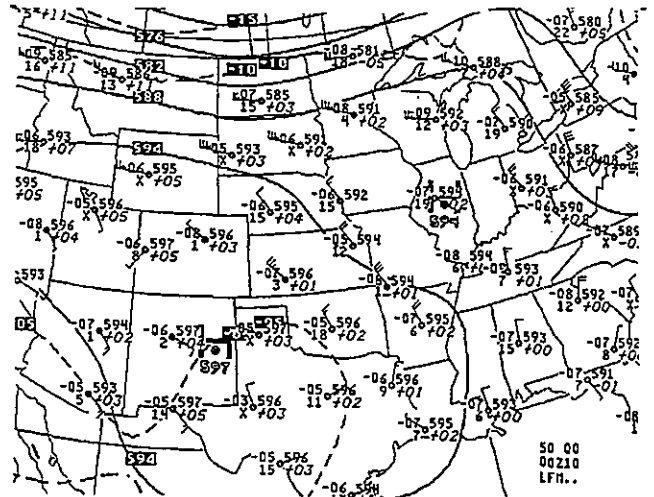
DATE TIME TOR PATH WID STATE LOCATION KIL INJ DMG  
 AUG 9 1900 F-2 3.0 250 SD LAKE..CHESTER - - 1 M

1 TOTAL - - 1 M

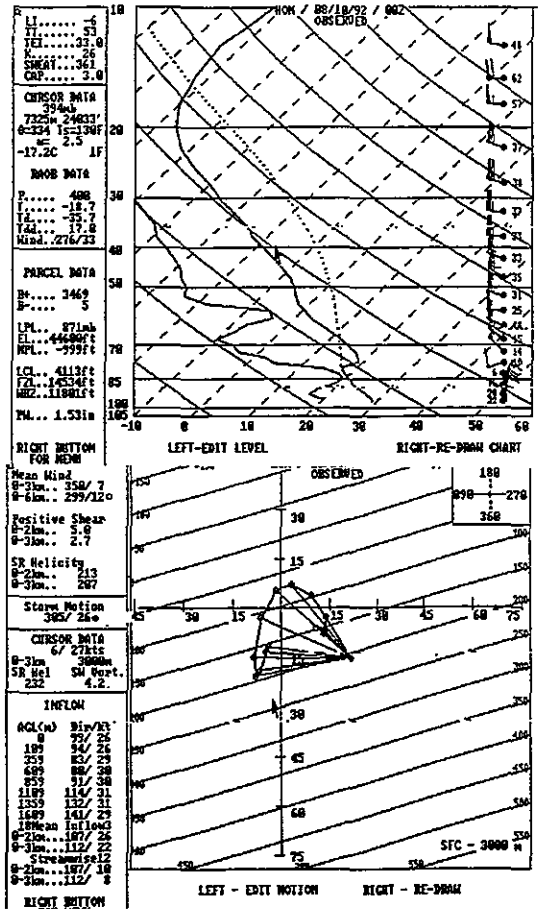
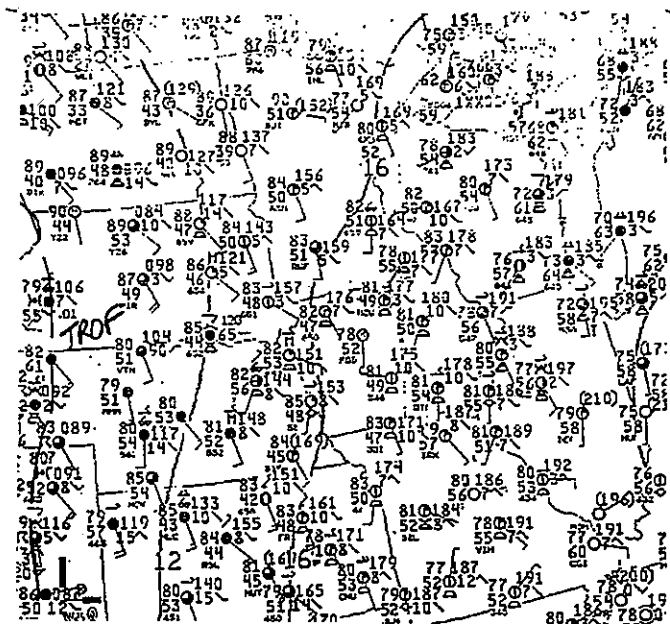
SURFACE MAP 18Z



500 MB 00Z



SURFACE MAP 00Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/10/92 - 0600CST 08/11/92

Total Non-Tornadic Reports: 167

Large Hail Reports... 27      Damaging Wind Reports... 140

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	7	10	10	0	0	0	27
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

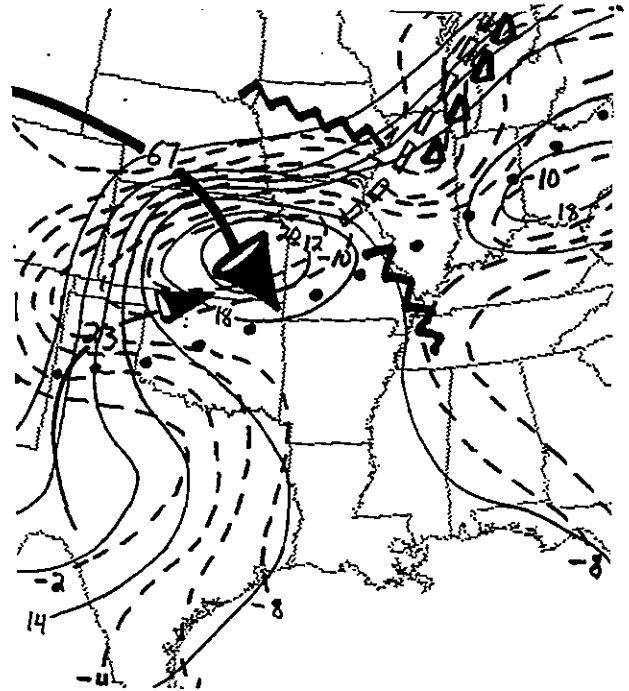
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	110	24	4	2	0	0	140
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	1	0	0	0	2

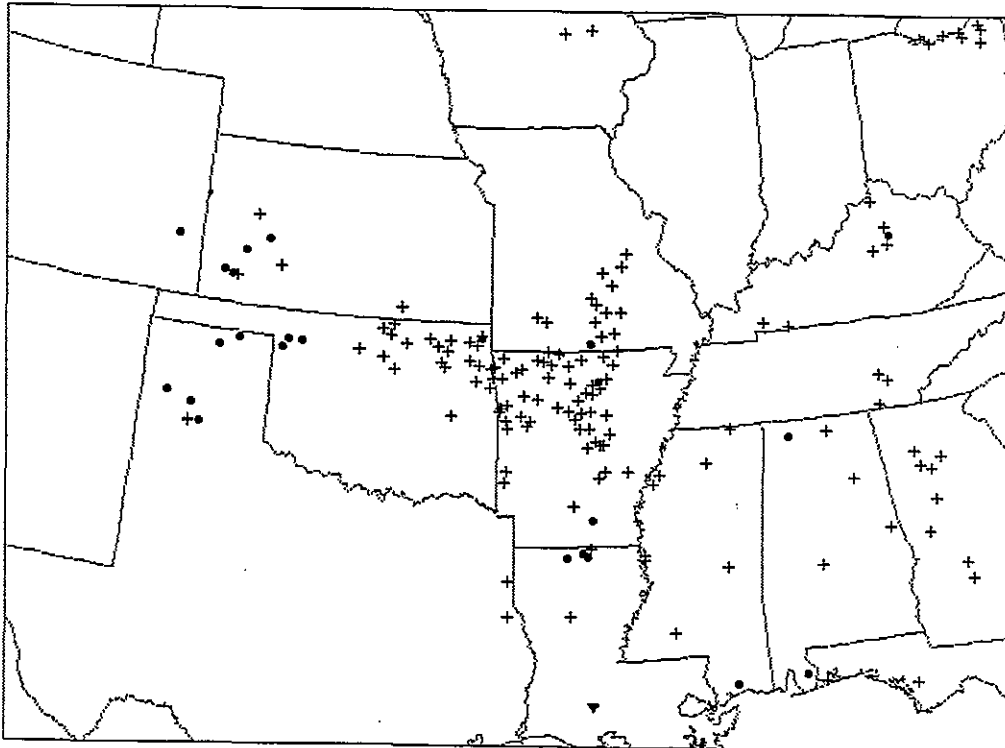
Number of Tornado Segments: 2

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	1	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 08/10/92 - 0600CST 08/11/92

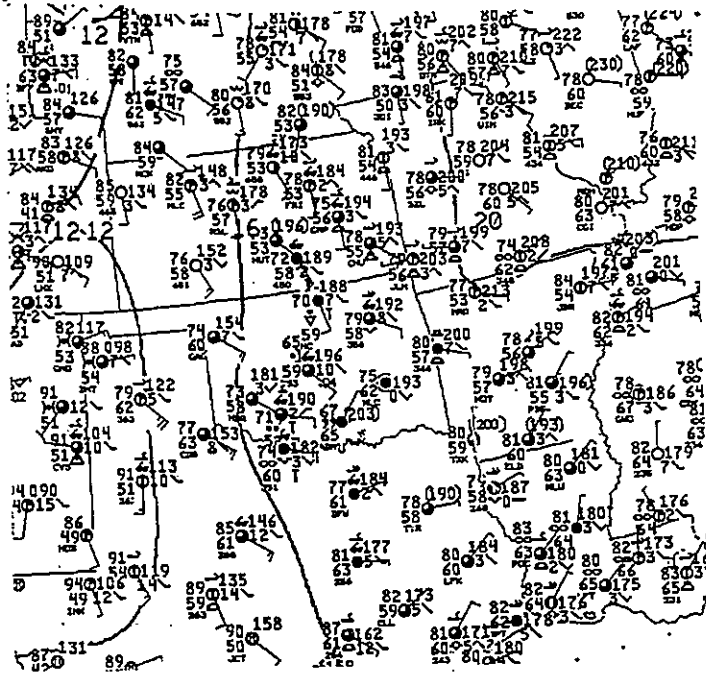
SEVERE WEATHER REPORTS

# MONDAY AUGUST 10TH, 1992

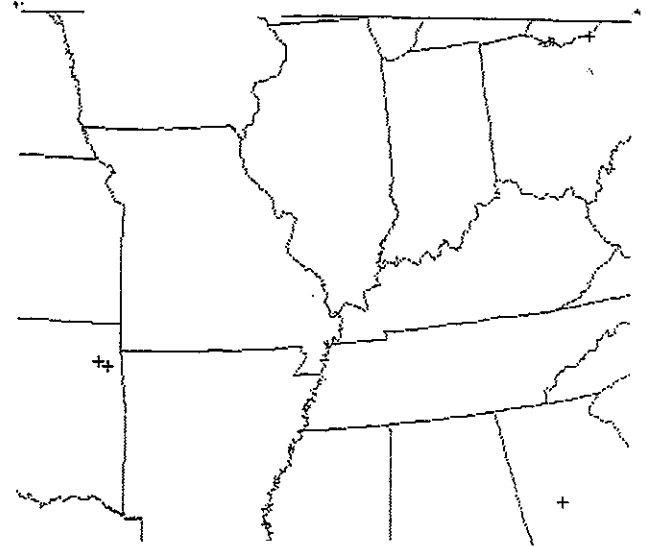
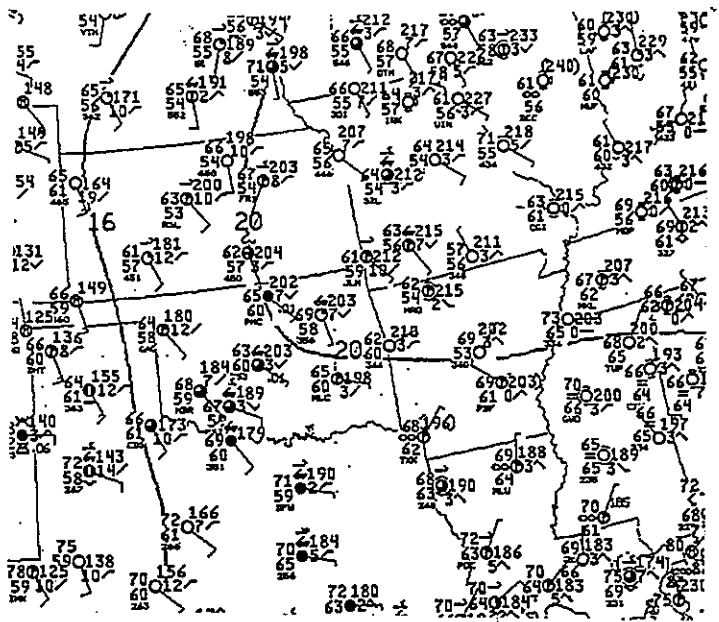
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
AUG 10	1530	WIND DAMAGE	GA	SPALDING..	GRIFFIN	-	1	---
AUG 10	2248	75 MPH GUST	OH	CUYAHOGA..	CLEVELAND	-	1	---
AUG 10	2255	81 MPH GUST	OK	DELAWARE..	CLEORA	-	-	---
AUG 10	2310	81 MPH GUST	OK	MAYES..	NEAR SALINA	-	-	---
<b>4 TOTAL</b>						-	2	---

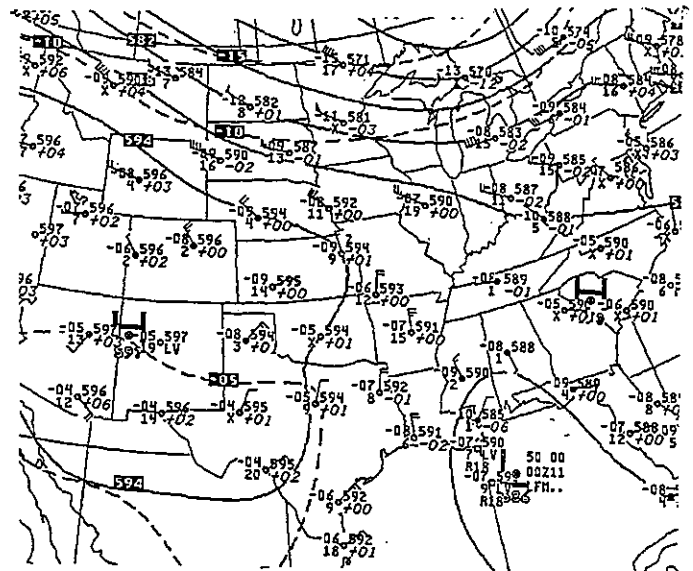
SURFACE MAP 00Z



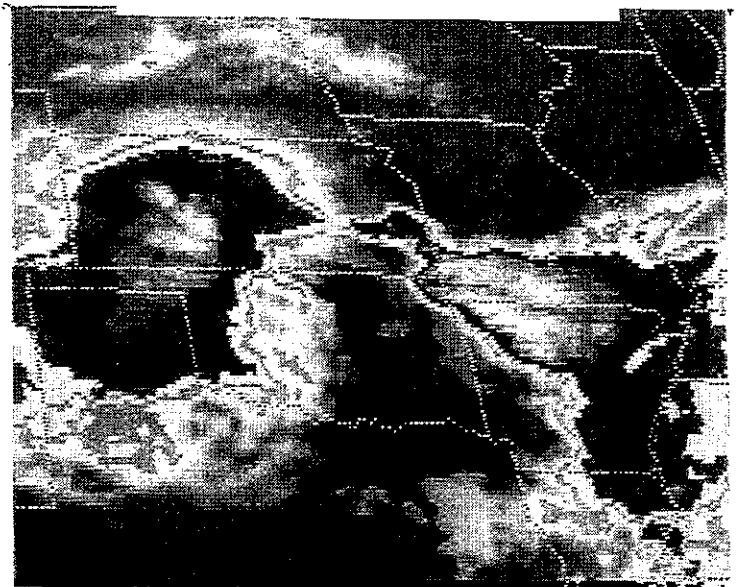
SURFACE MAP 06Z

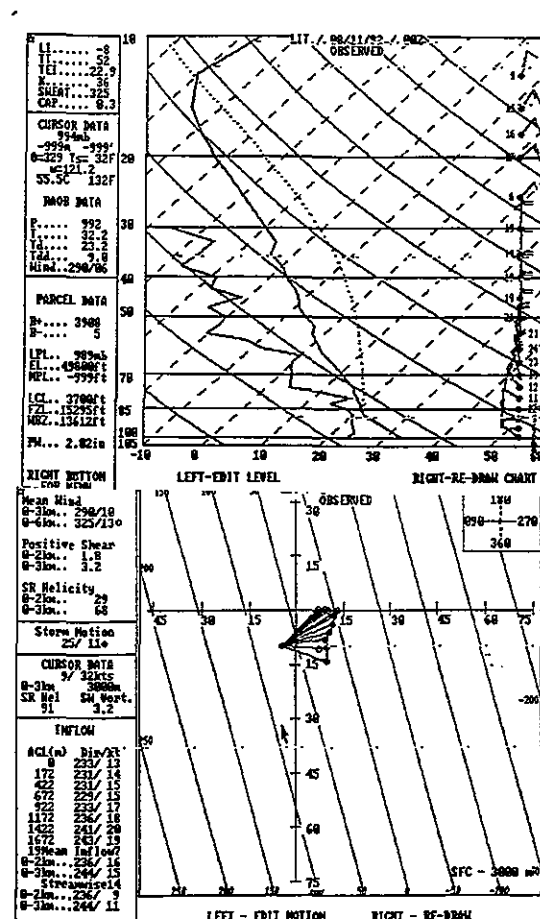
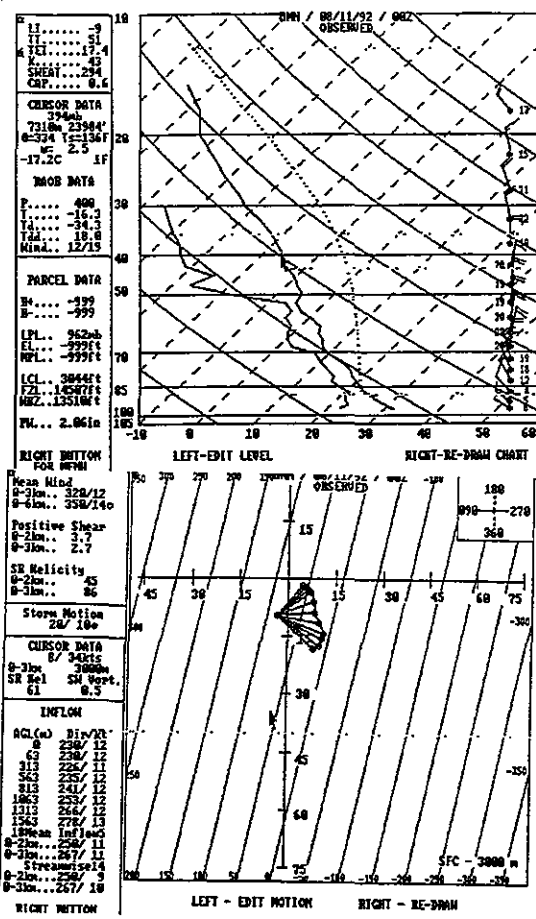
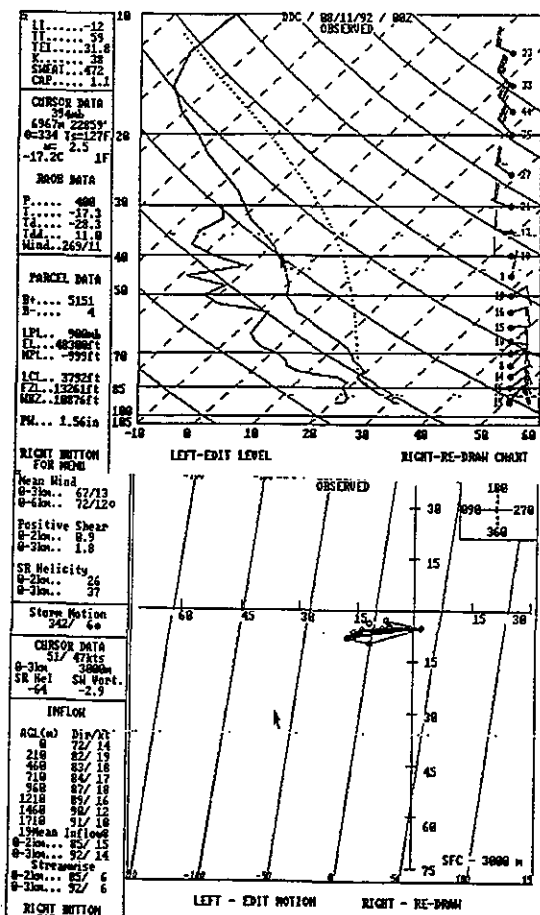
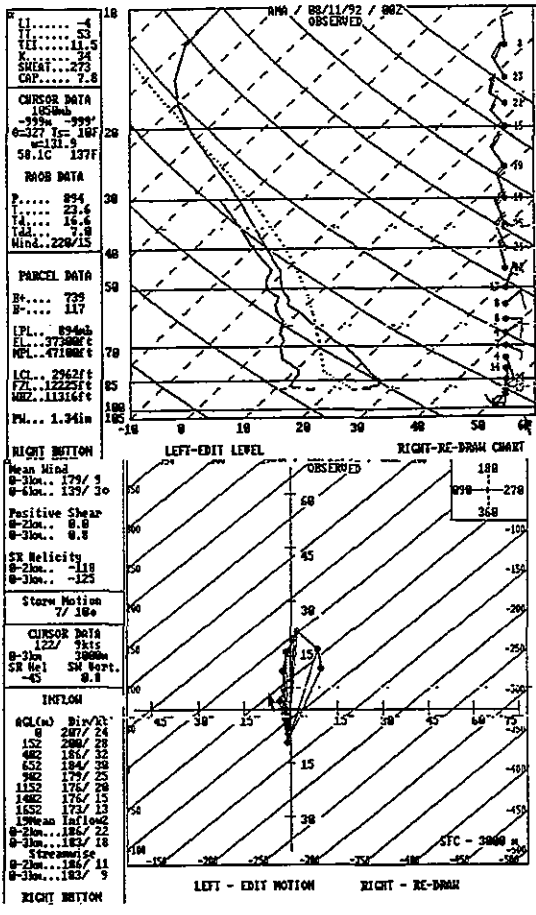


500 MB 00Z



SATELLITE 0430Z 11 AUGUST





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/11/92 - 0600CST 08/12/92

Total Non-Tornadic Reports: 88

Large Hail Reports... 14      Damaging Wind Reports... 74

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	10	4	0	0	0	0	14
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

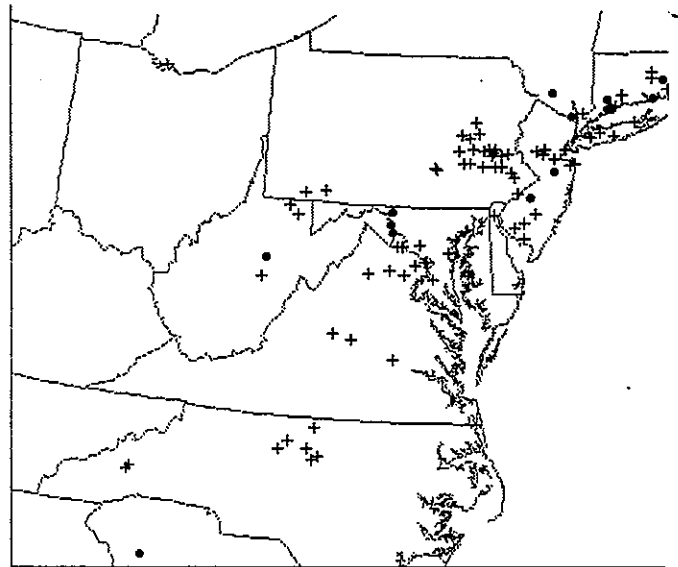
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	60	11	1	0	2	0	74
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

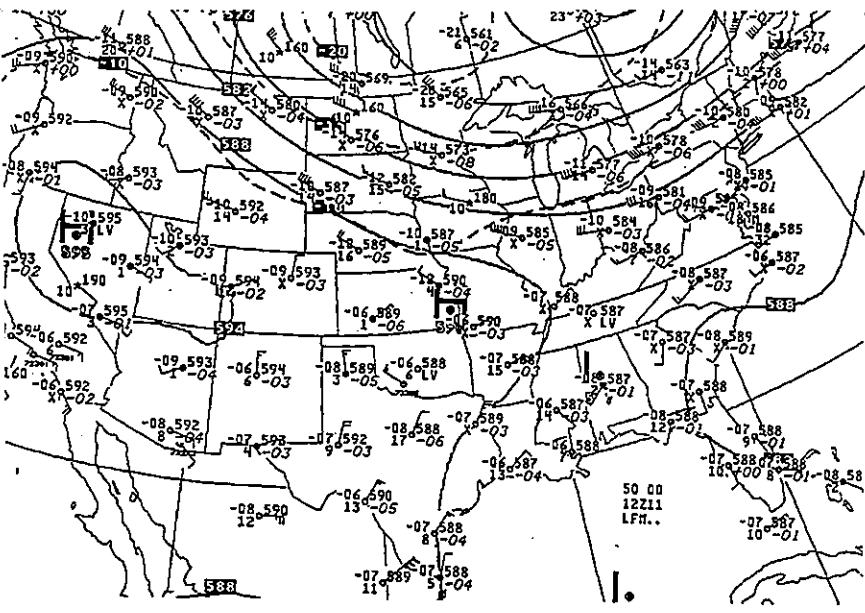
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

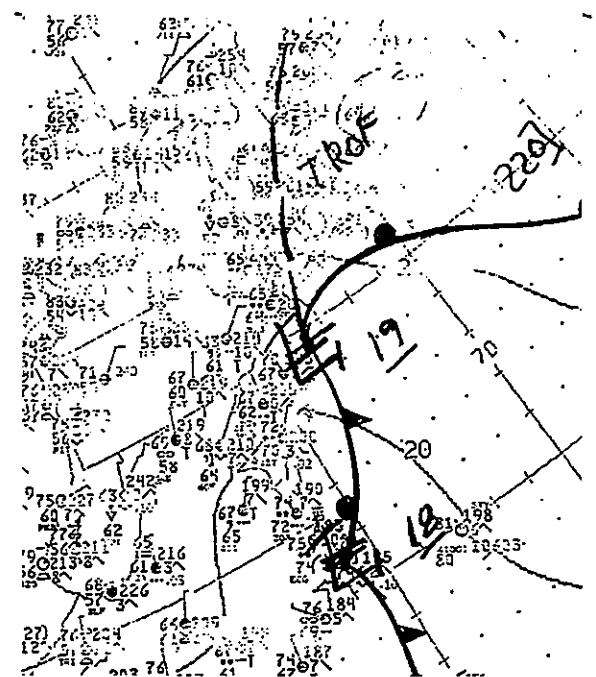


0600CST 08/11/92 - 0600CST 08/12/92

500 MB 12Z



SURFACE MAP 18Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/11/92 - 0600CST 08/12/92

Total Non-Tornadoic Reports: 5

Large Hail Reports... 1      Damaging Wind Reports... 4

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

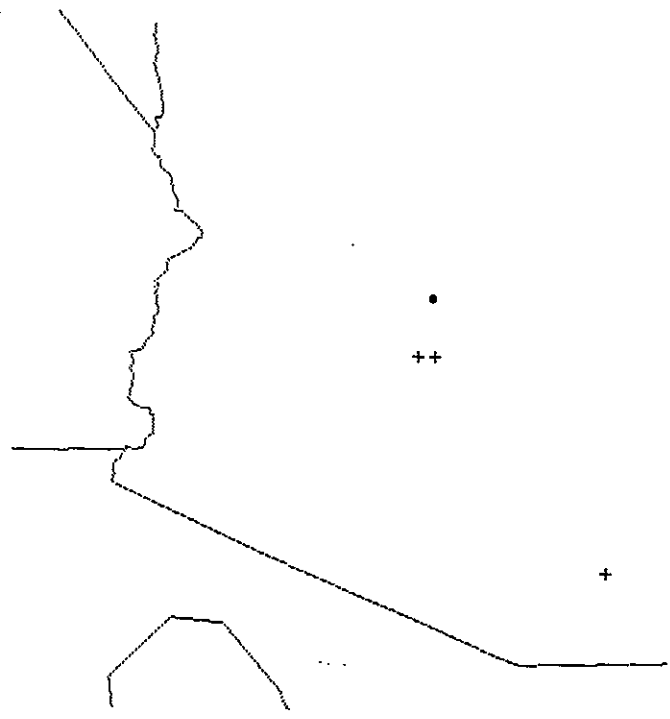
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	3	1	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

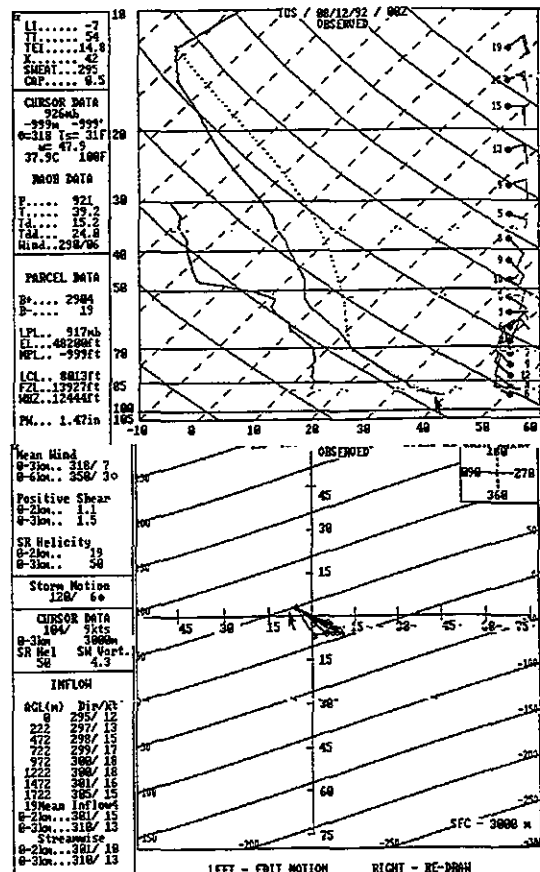
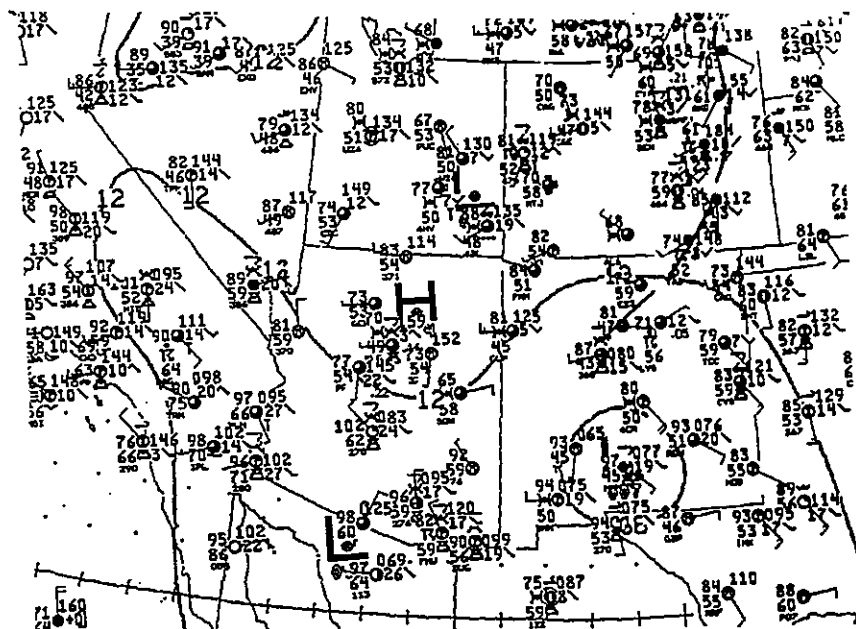
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



SURFACE MAP 0130Z





SIGNIFICANT EVENTS MAP

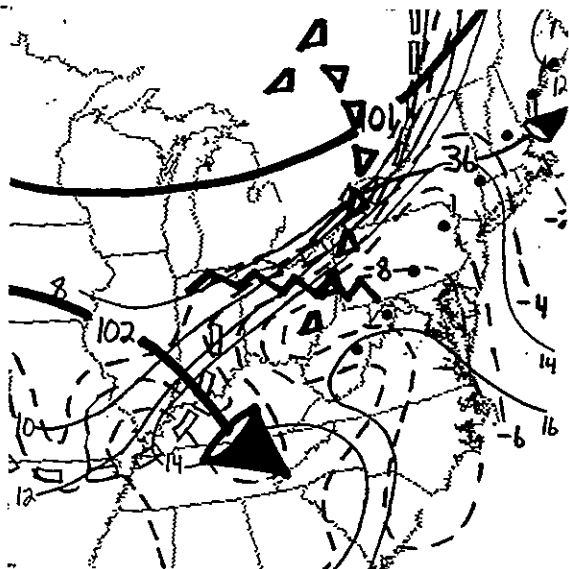
TUESDAY AUGUST 11TH, 1992

SIGNIFICANT WIND EVENTS

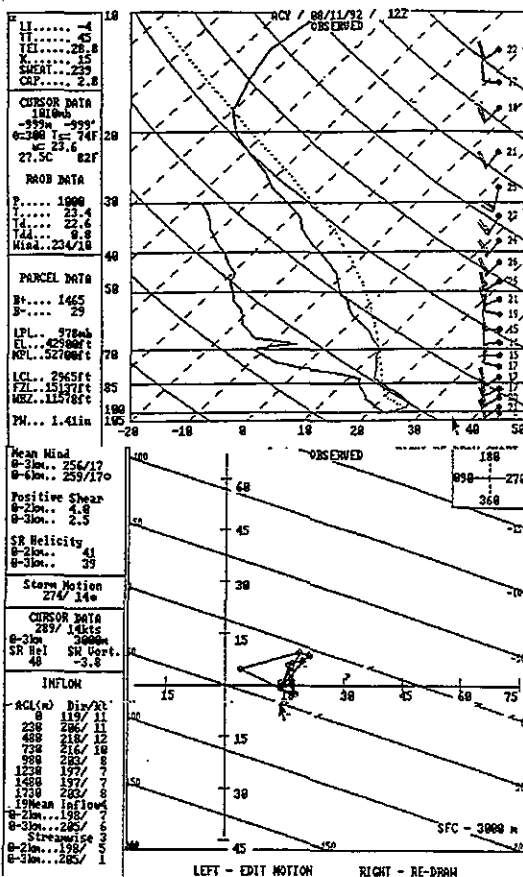
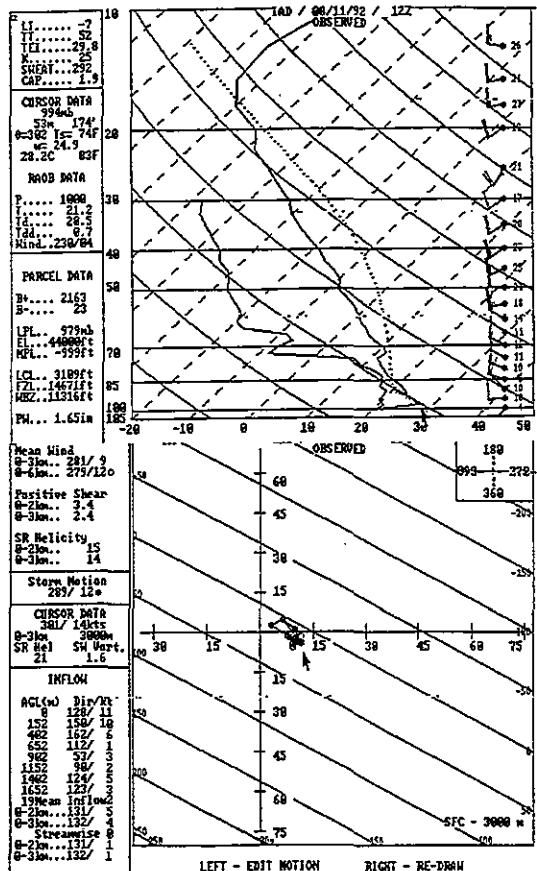
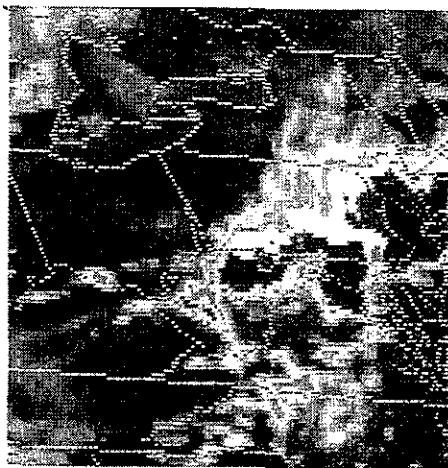
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
AUG 11	1320	101 MPH GUST	PA	BEAKS..BOYERTOWN	-	-	---
AUG 11	1330	100 MPH GUST	PA	PHILADELPHIA..3 NE PHL ARPT	-	-	---
2 TOTAL							



COMPOSITE MAP 12Z



SATELLITE 20Z 11 AUGUST



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/13/92 - 0600CST 08/14/92

Total Non-Tornadoic Reports: 25

Large Hail Reports... 25      Damaging Wind Reports... 0

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	9	4	11	1	0	0	25
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

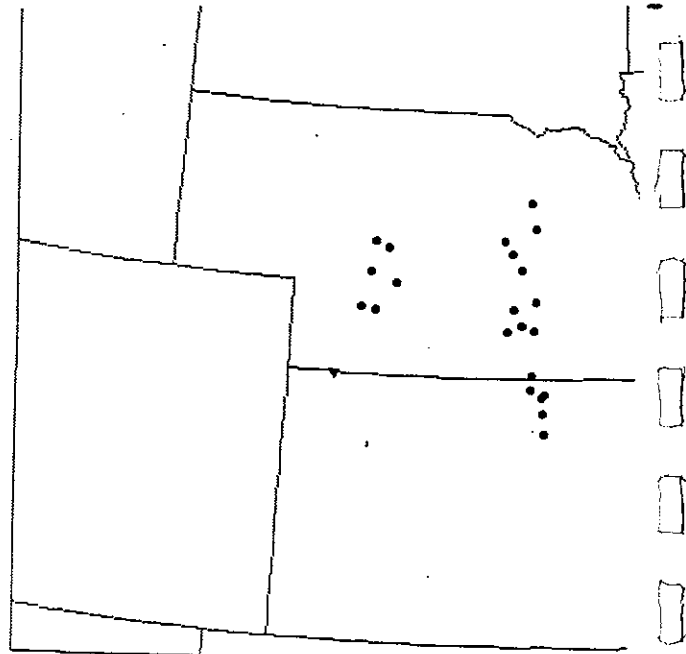
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 2

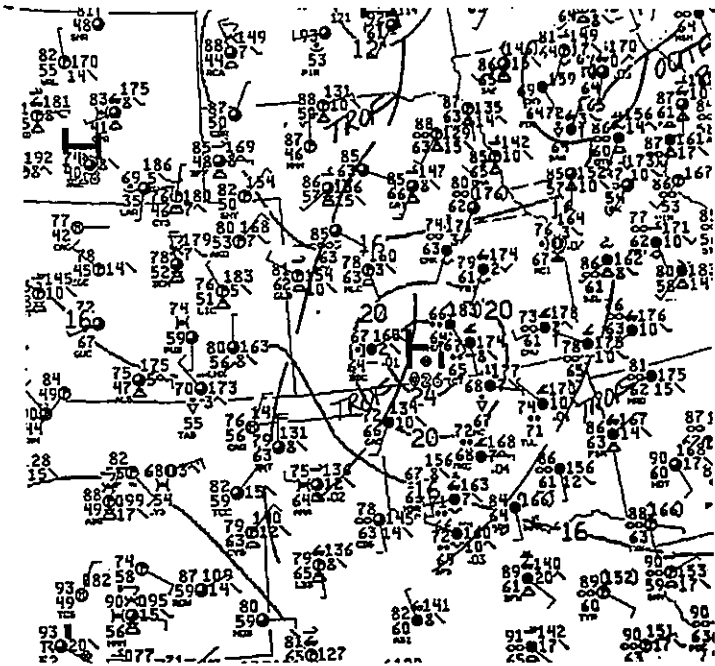
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

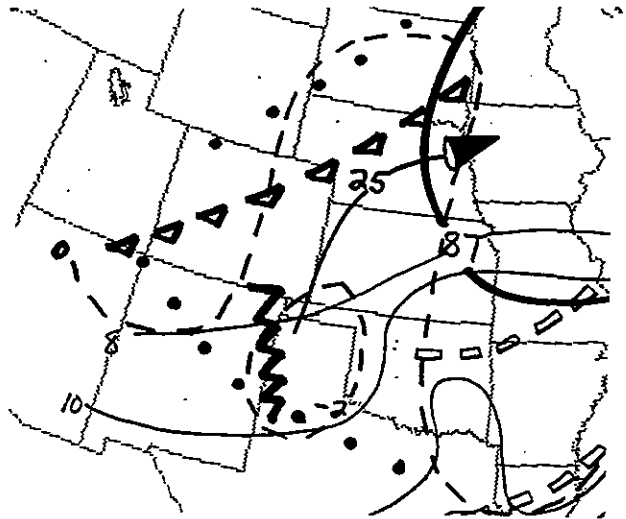


0600CST 08/13/92 - 0600CST 08/14/92

SURFACE MAP 21Z



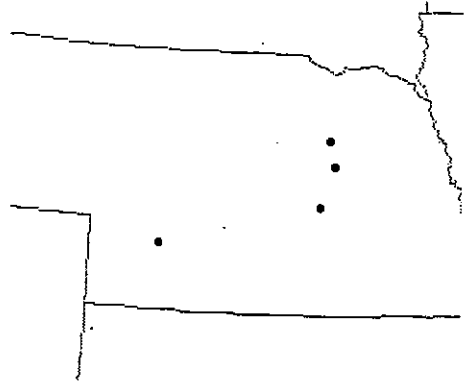
COMPOSITE MAP 00Z



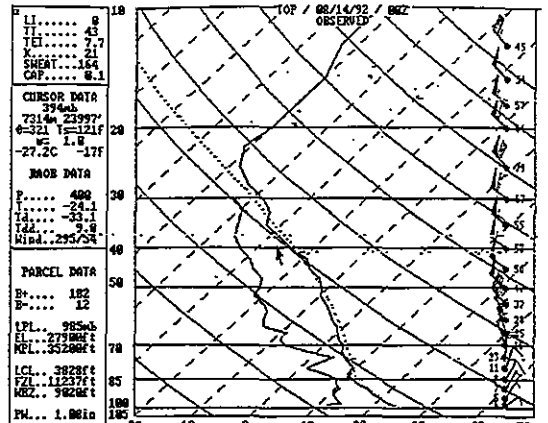
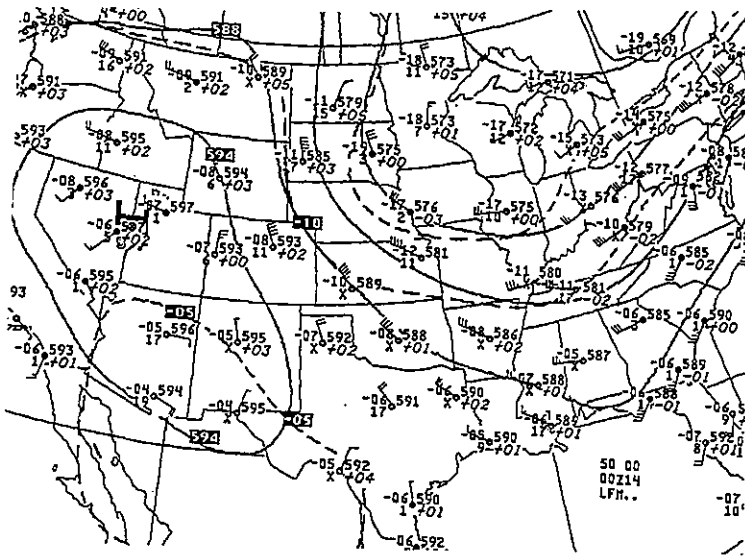
THURSDAY AUGUST 13TH, 1992

SIGNIFICANT RAIN EVENTS

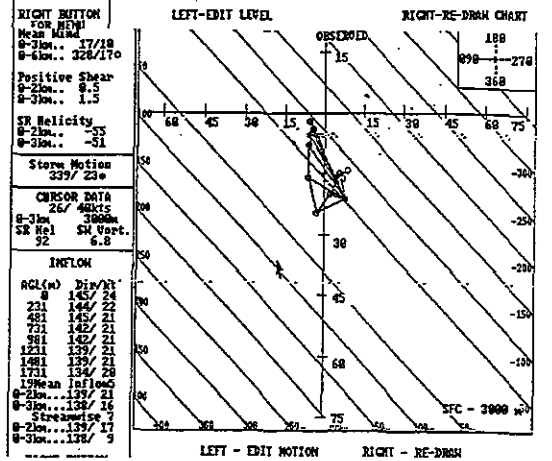
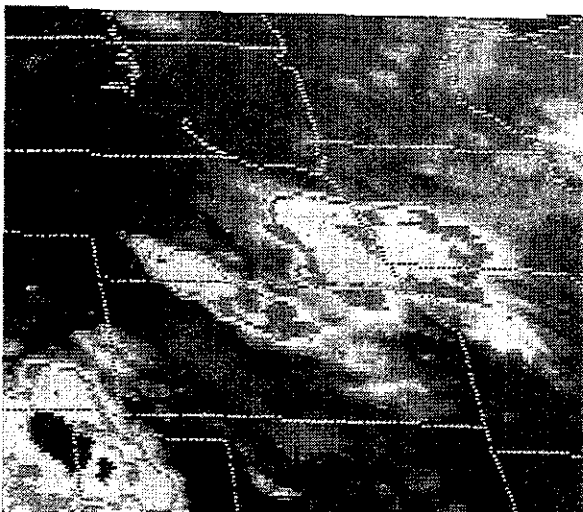
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
AUG 13	1400	1.75 INCH	NE	ANTELOPE..	ELGIN	-	2 M
AUG 13	1450	1.75 INCH	NE	BOONE..	E OF ALBION	-	2 M
AUG 13	1707	1.75 INCH	NE	HERRICK..	PALMER	-	2 M
AUG 13	1820	2.75 INCH	NE	LINCOLN..	S W WELLFLEET	-	---
<b>4 TOTAL</b>						-	<b>6 M</b>



500 MB 00Z



SATELLITE 01Z 14 AUGUST



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/19/92 - 0600CST 08/20/92

Total Non-Tornadic Reports: 5

Large Hail Reports... 2      Damaging Wind Reports... 3

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	1	1	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	3	0	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

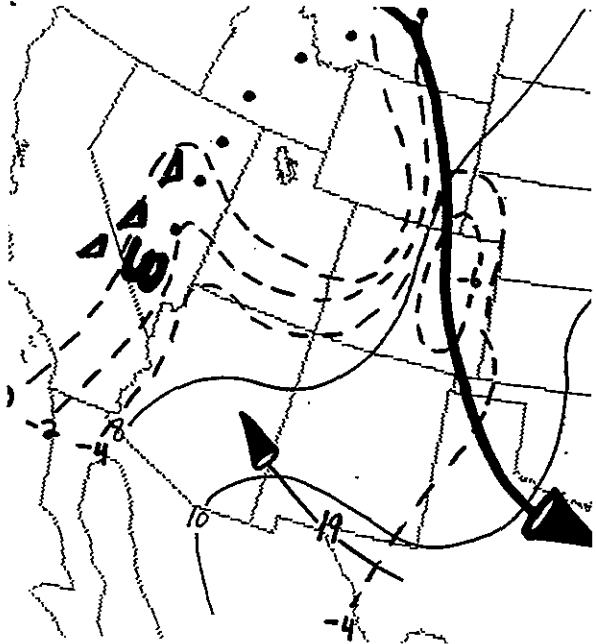
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

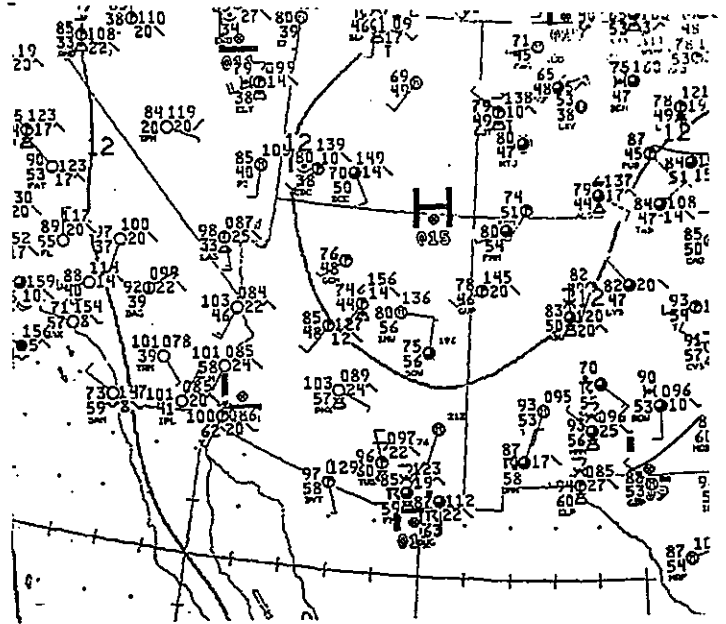


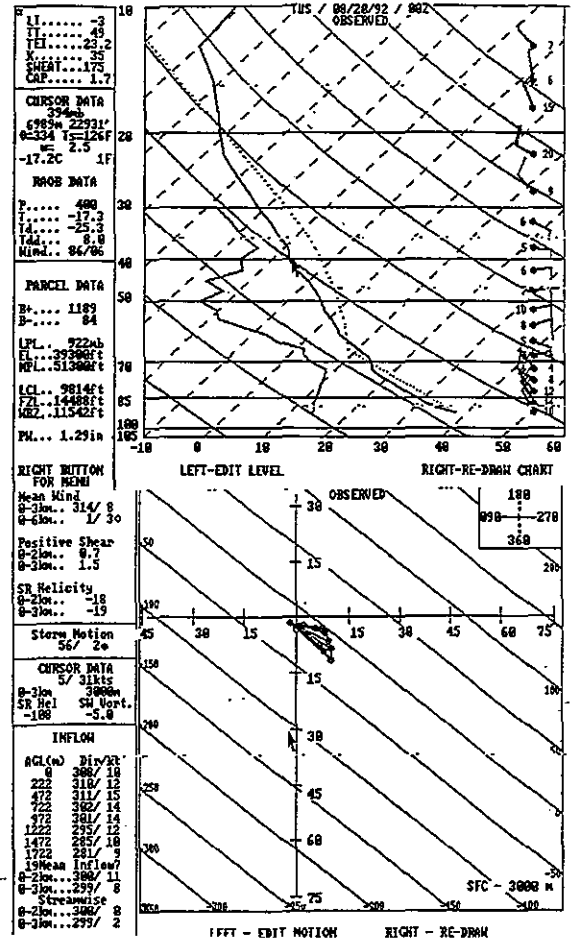
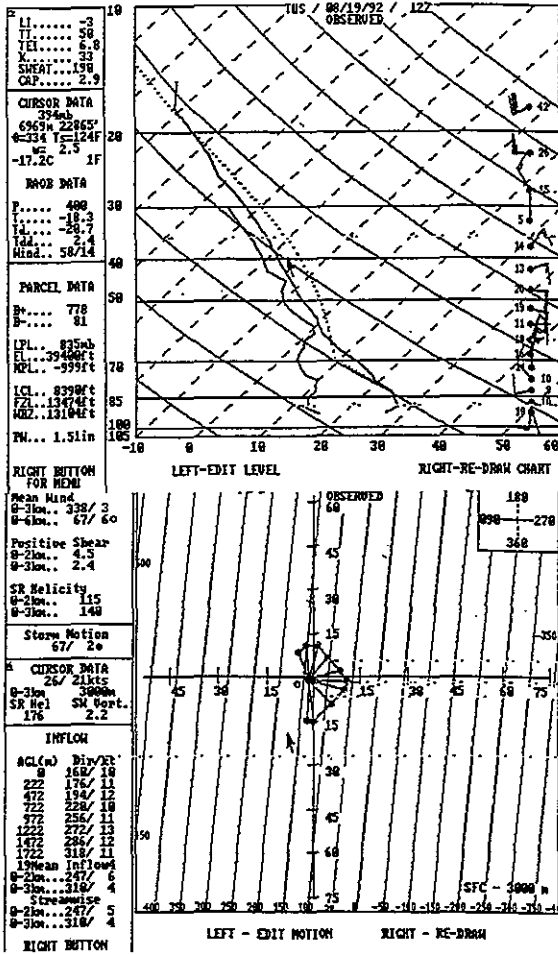
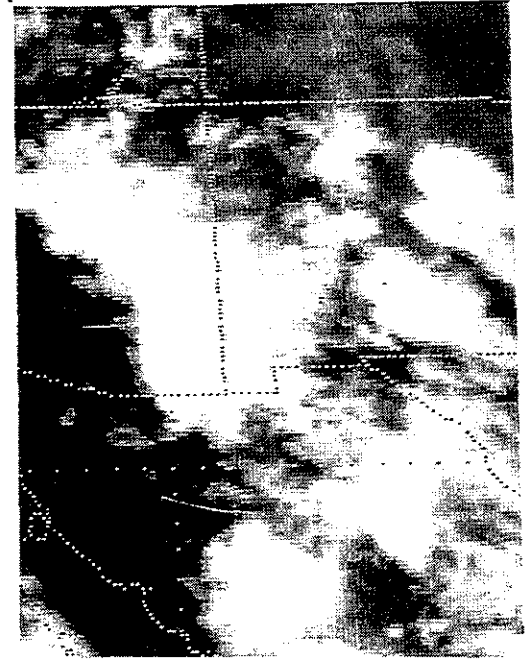
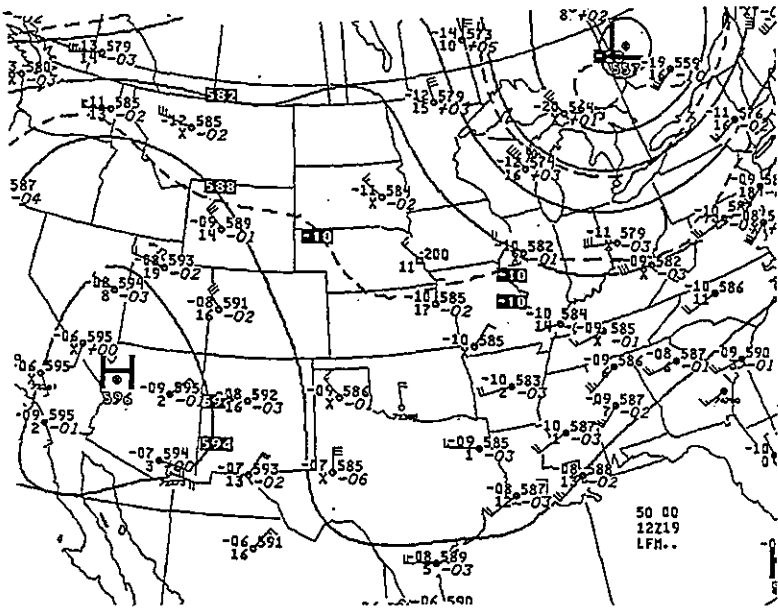
0600CST 08/19/92 - 0600CST 08/20/92

COMPOSITE MAP 12Z



SURFACE MAP 21Z





# CASE NO. 28

COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/25/92 - 0600CST 08/26/92

Total Non-Tornadoic Reports: 34

Large Hail Reports... 1      Damaging Wind Reports... 33

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	1	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

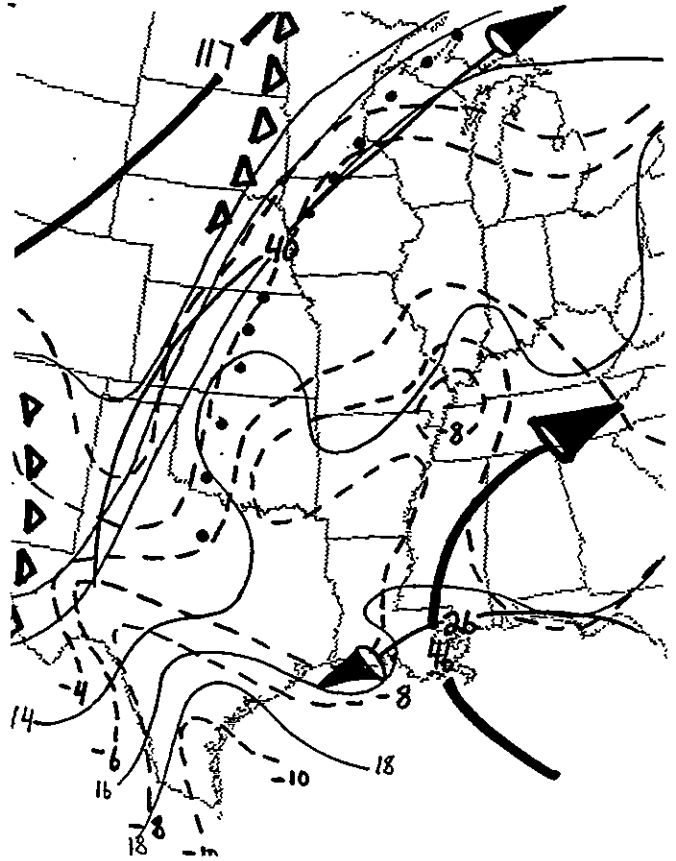
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	16	14	2	1	0	0	33
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

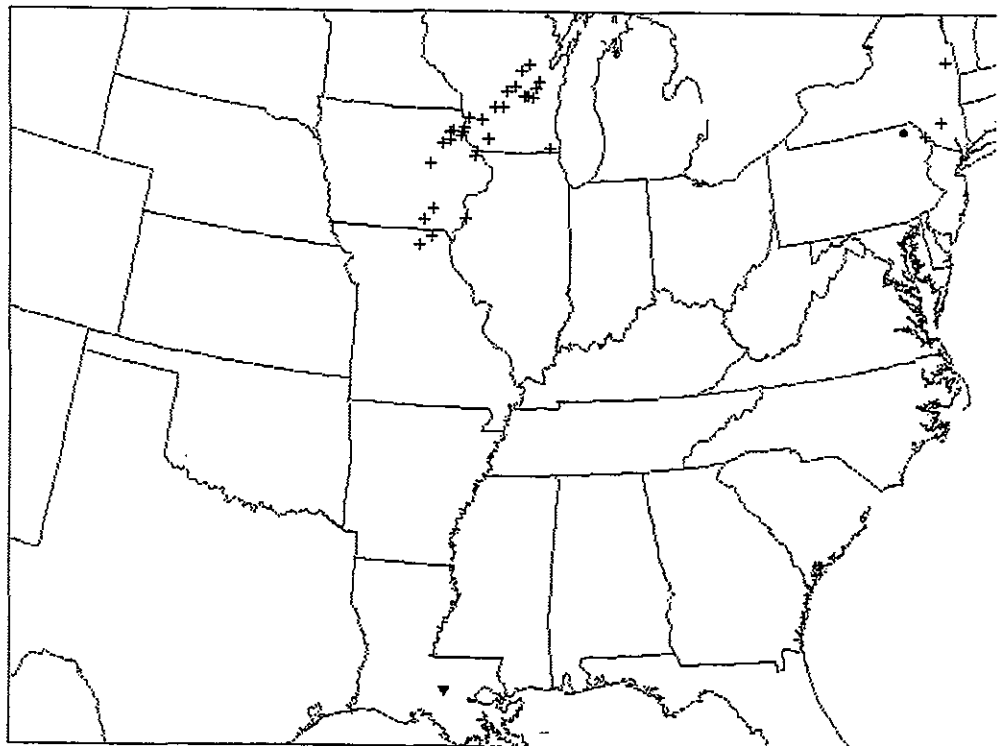
Number of Tornado Segments: 2

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	1	0	1	0	0	2
Fatalities	0	0	0	2	0	0	2
Injuries	0	0	0	32	0	0	32



### ALL SEVERE REPORTS



0600CST 08/25/92 - 0600CST 08/26/92

SEVERE WEATHER REPORT

TUESDAY AUGUST 25TH, 1992

**SIGNIFICANT TORNADO EVENTS**

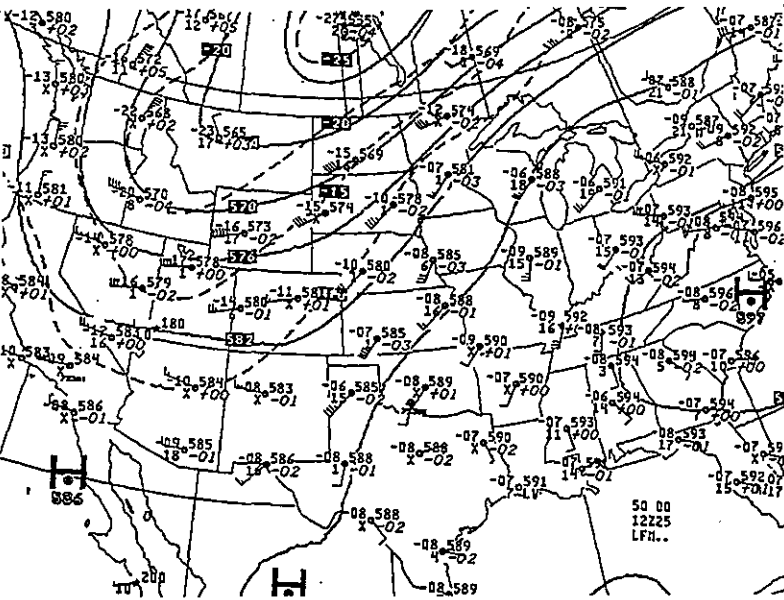
DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
AUG 25	2010	F-3	9.0 150	LA	2 E LAPLACE	2	32	12M
<b>1 TOTAL</b>						<b>2</b>	<b>32</b>	<b>12M</b>

**SIGNIFICANT WIND EVENTS**

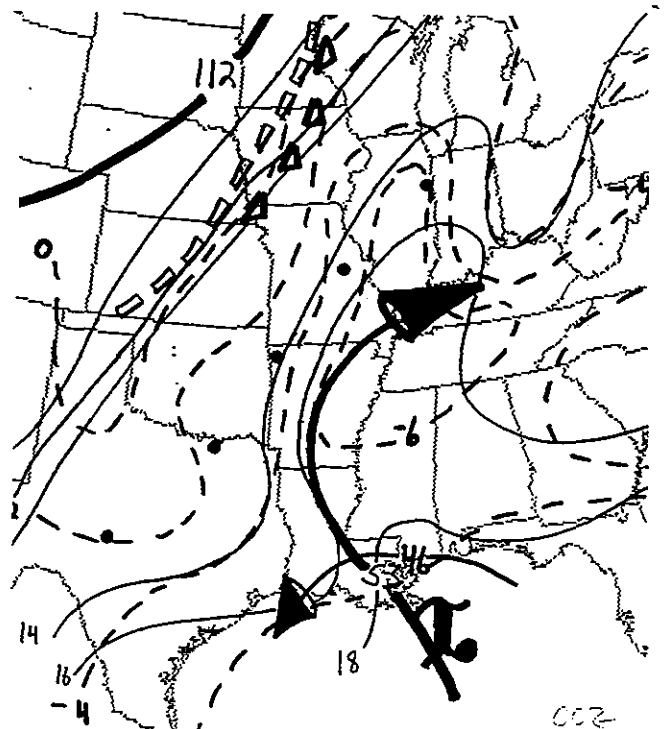
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
AUG 25	1500	75 MPH GUST	NY	SARATOGA..	SCHUYLLERVILLE	-	-	---
AUG 25	1606	86 MPH GUST	IA	DAVIS..	DRAKESVILLE	-	-	---
<b>2 TOTAL</b>						-	-	---



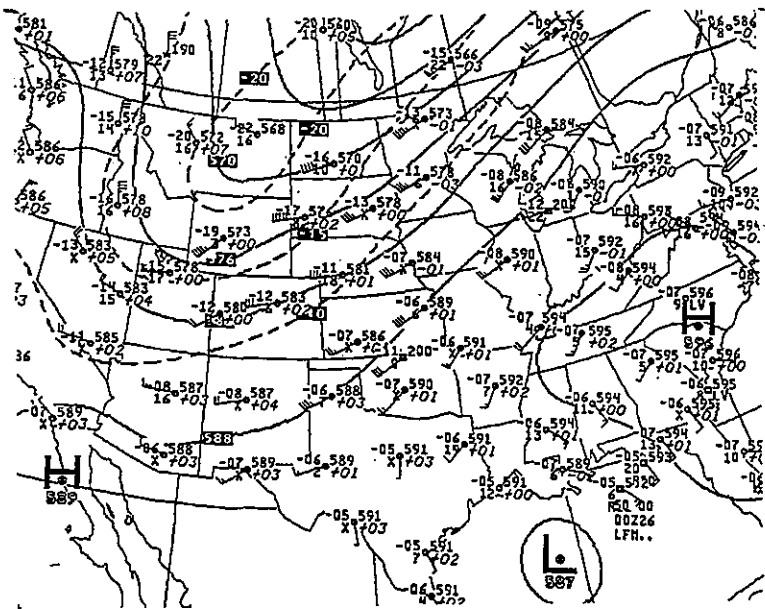
500 MB 12Z



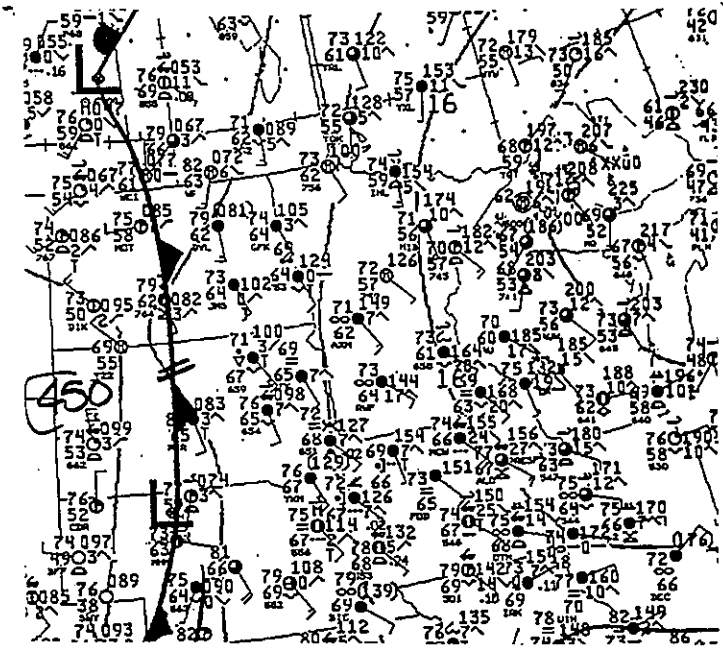
COMPOSITE MAP 00Z



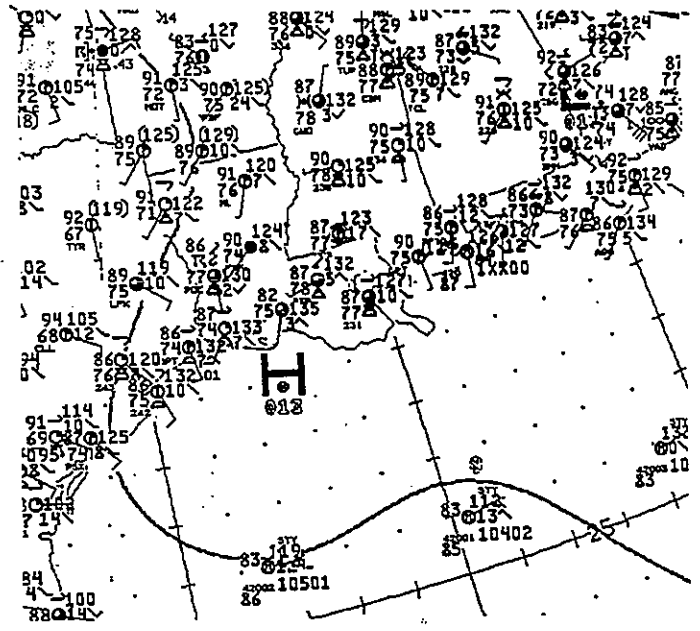
500 MB 00Z



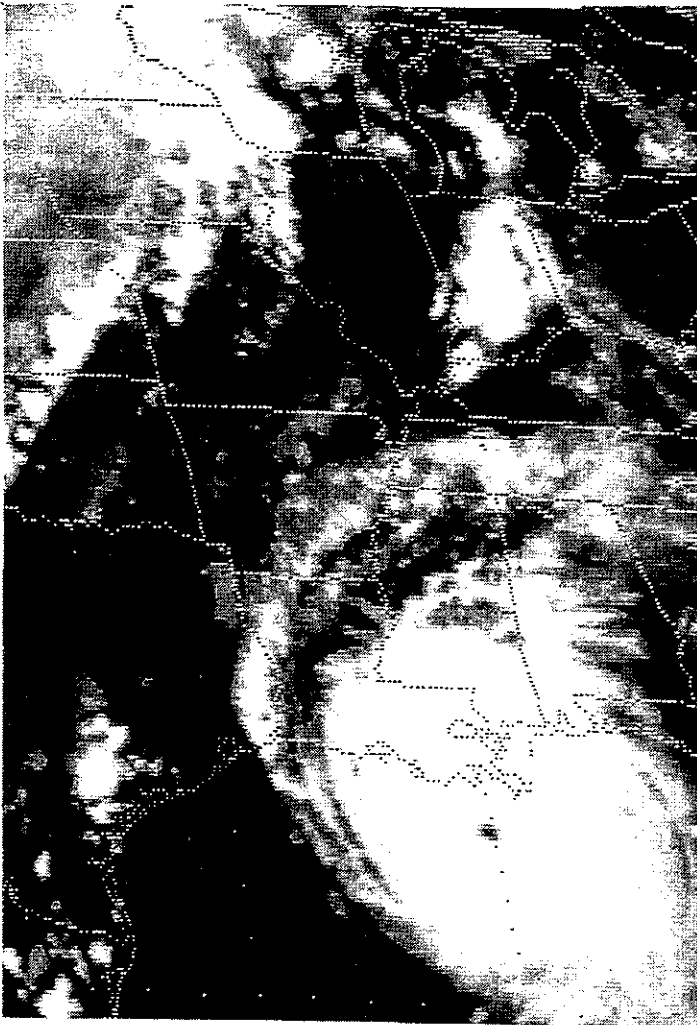
SURFACE MAP 18Z



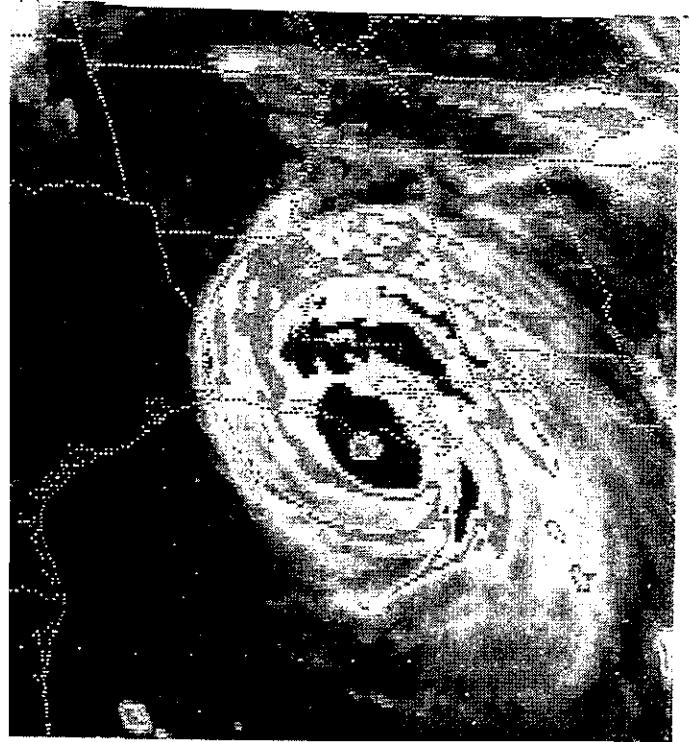
SURFACE MAP 00Z



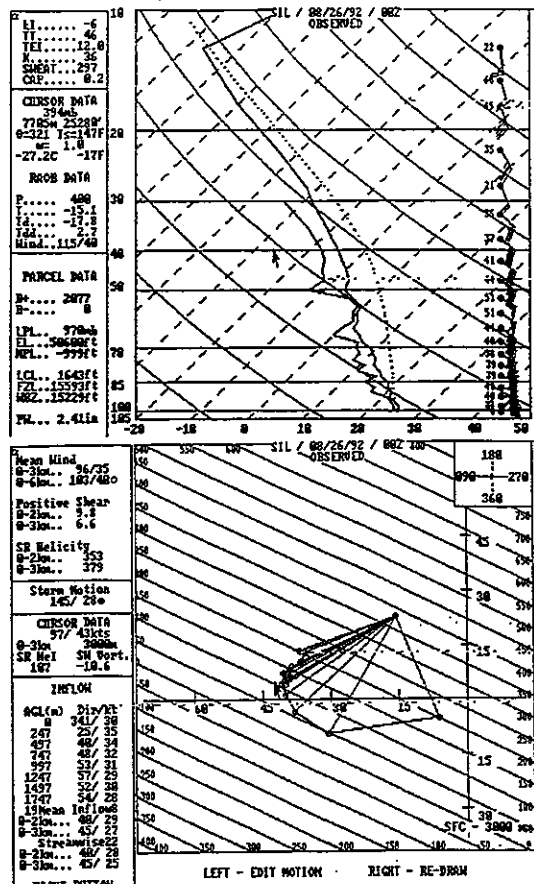
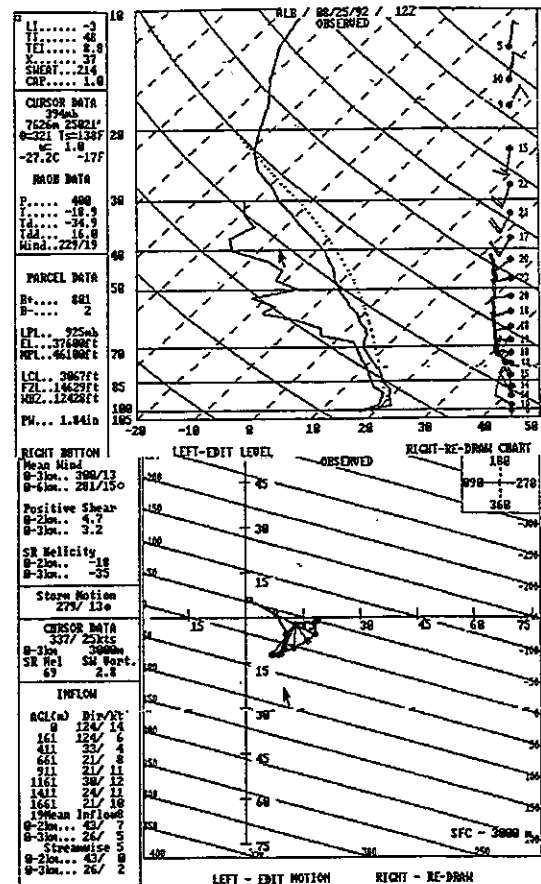
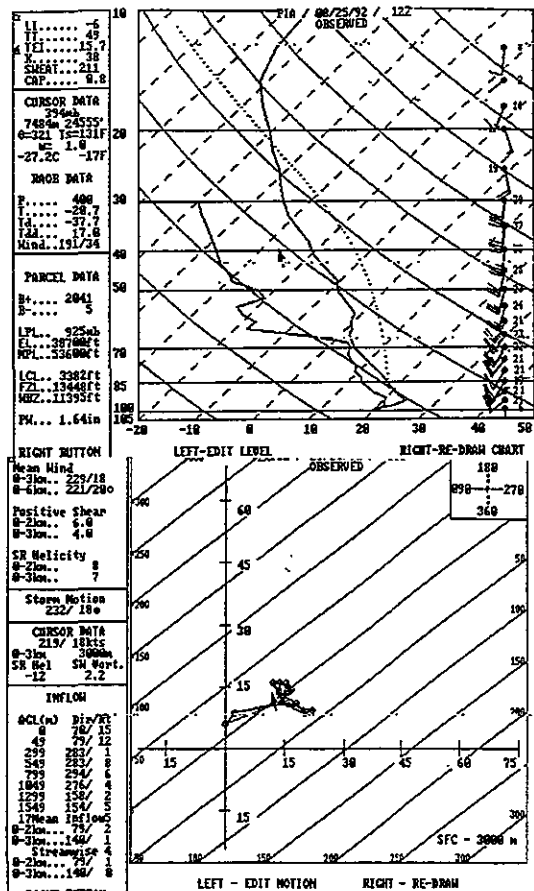
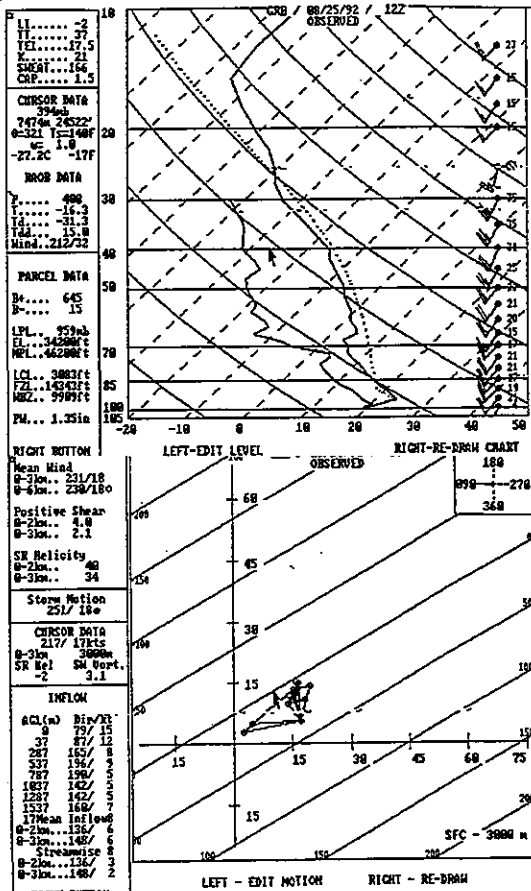
SATELLITE 21Z 25 AUGUST



SATELLITE 0330Z 26 AUGUST







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/26/92 - 0600CST 08/27/92

Total Non-Tornadic Reports: 12

Large Hail Reports... 1      Damaging Wind Reports... 11

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

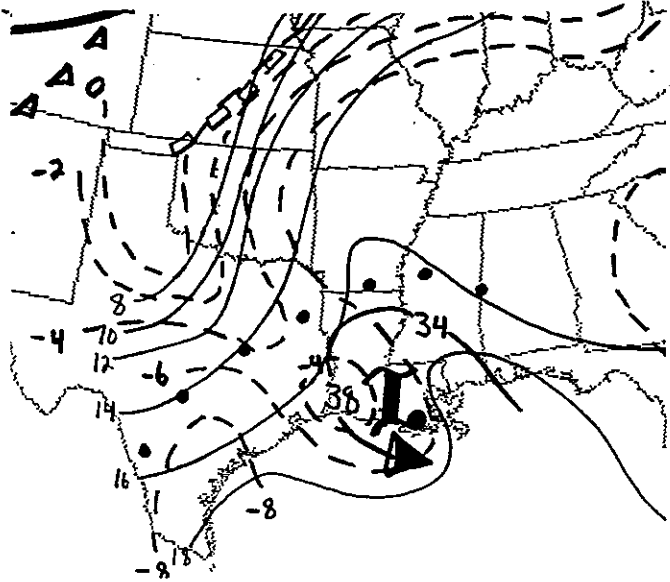
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	11	0	0	0	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

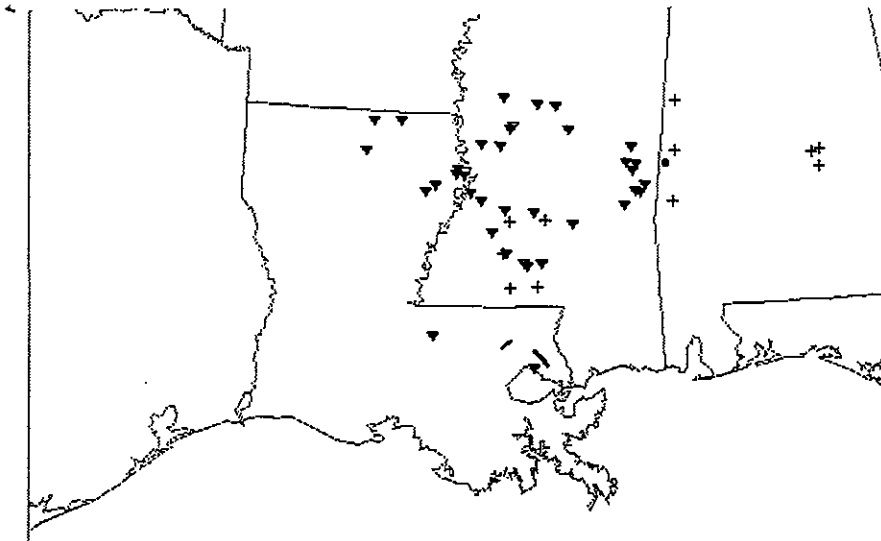
Number of Tornado Segments: 38

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	3	35	0	0	0	0	38
Fatalities	0	0	0	0	0	0	0
Injuries	0	10	0	0	0	0	10



ALL SEVERE REPORTS



0600CST 08/26/92 - 0600CST 08/27/92

SEVERE WE

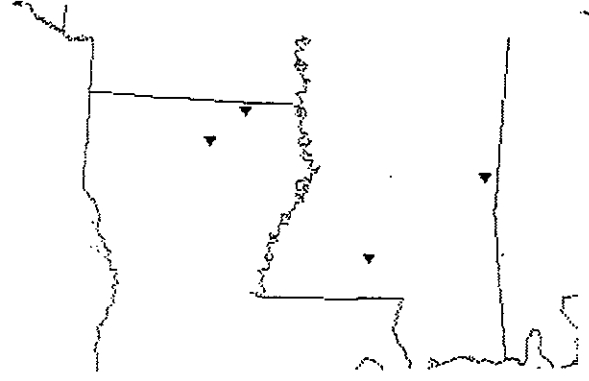
# WEDNESDAY AUGUST 26TH 1992

## SIGNIFICANT TORNADO EVENTS

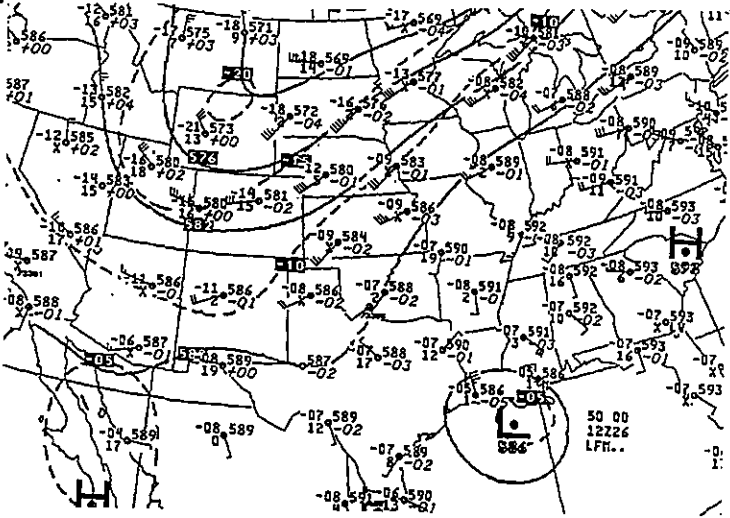
DATE	TIME	FOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
AUG 26	0700	F-1	2.0	10	MS	LAWRENCE. .TOPEKA	-	1	---
AUG 26	1430	F-1	2.0	50	LA	MOREHOUSE/1 W BEEKMAN	-	3	---
AUG 26	1517	F-1	2.0	20	LA	UNION. .5 W POINT	-	4	---
AUG 26	1735	F-1	2.0	150	MS	LAUDERDALE/SE MERIDIAN	-	2	---

4 TOTAL - 10 ---

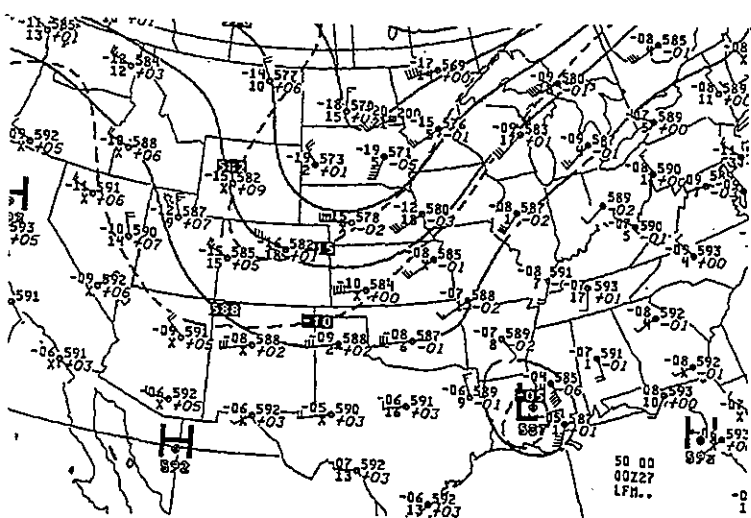
## SIGNIFICANT EVENTS MAP



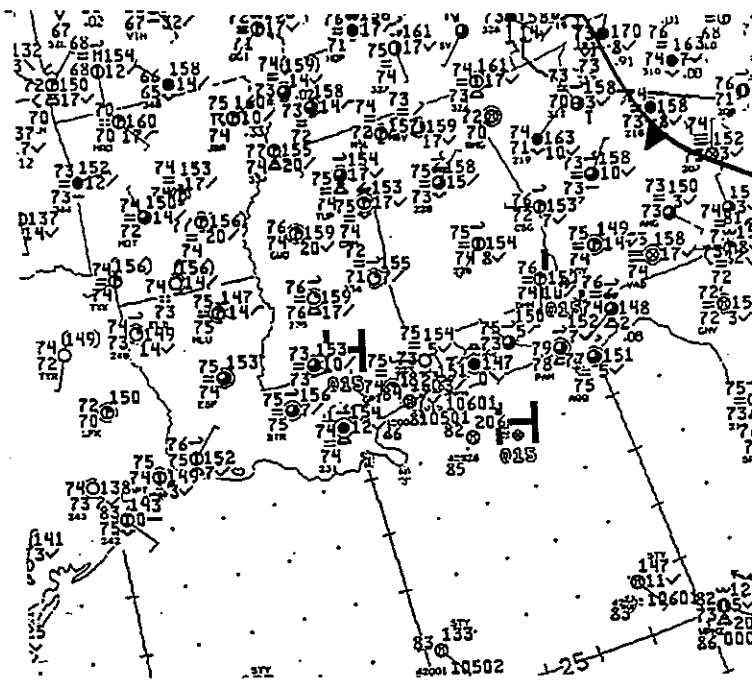
500 MB 12Z



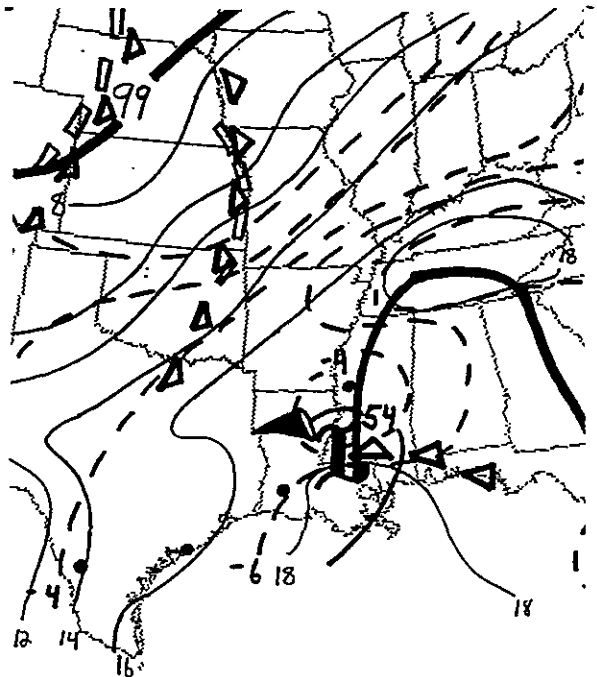
500 MB 00Z



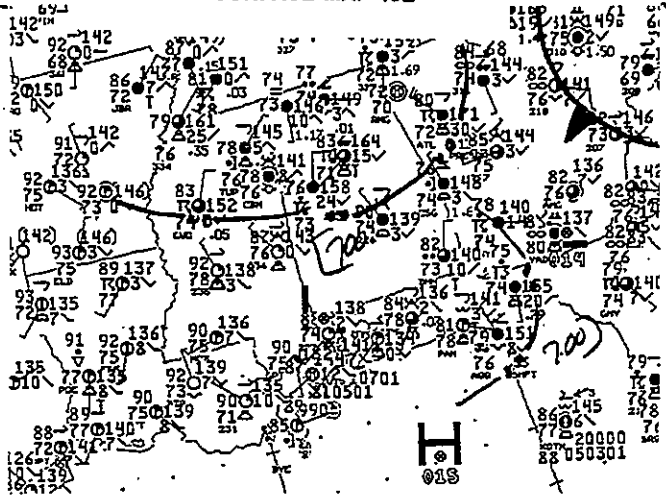
SURFACE MAP 12Z



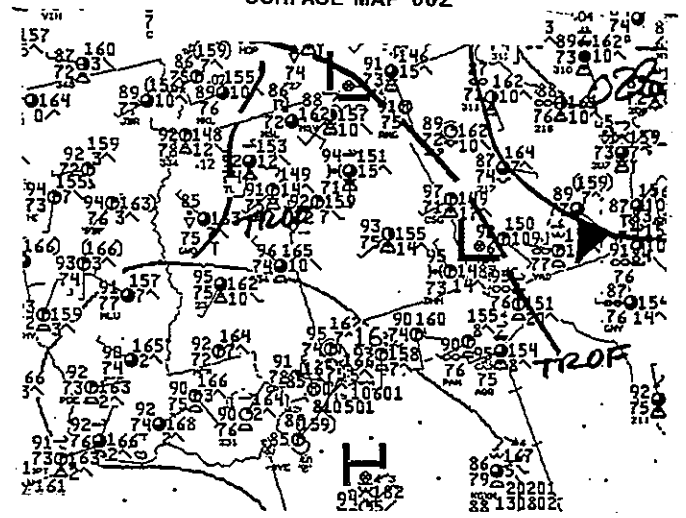
COMPOSITE MAP 00Z



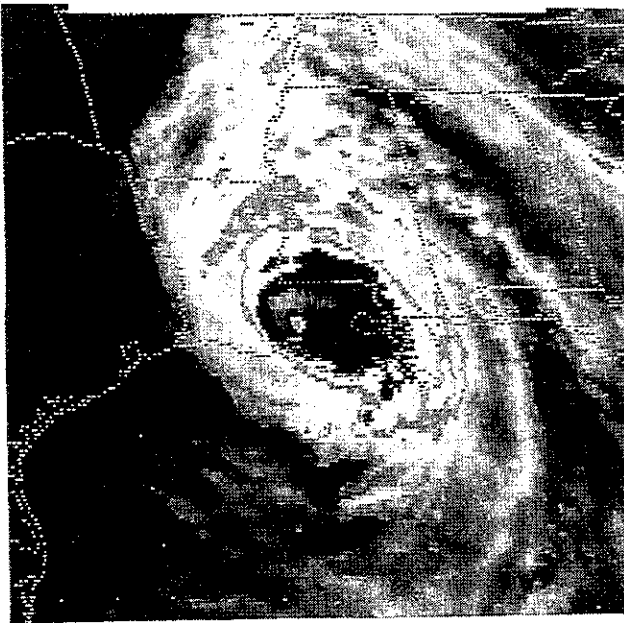
SURFACE MAP 18Z



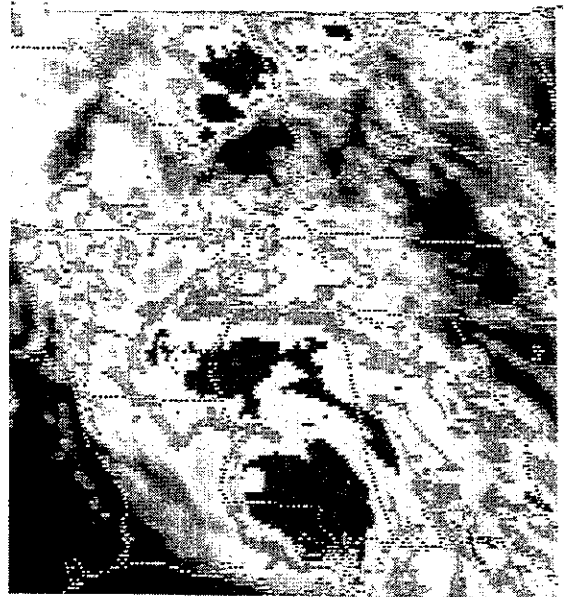
SURFACE MAP 00Z



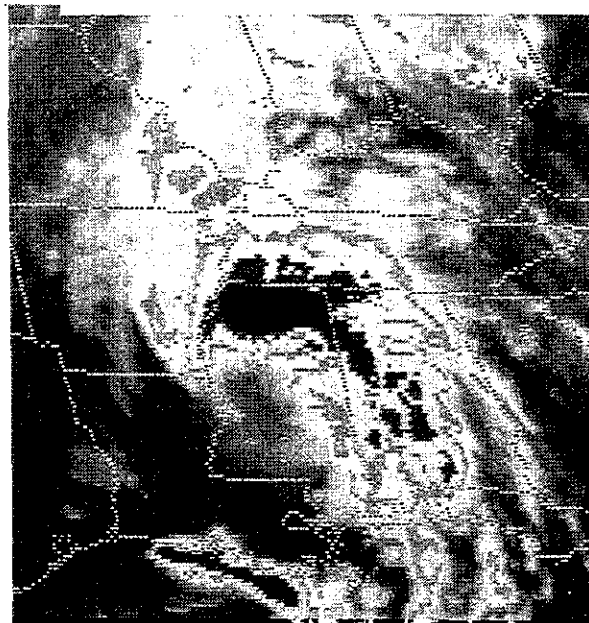
SATELLITE 12Z 26 AUGUST

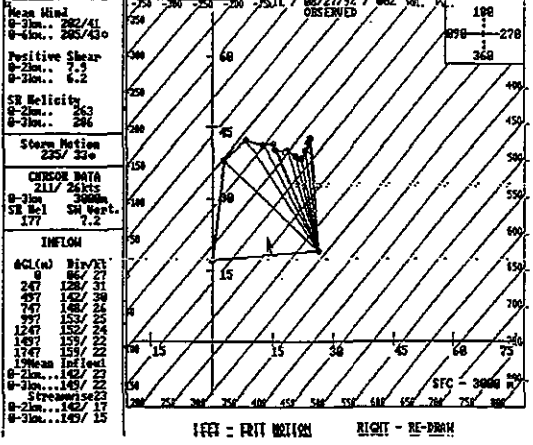
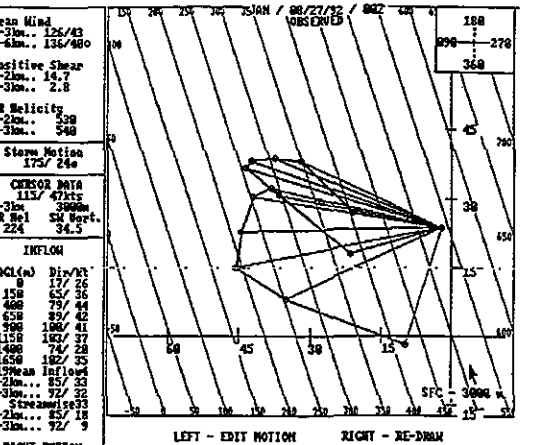
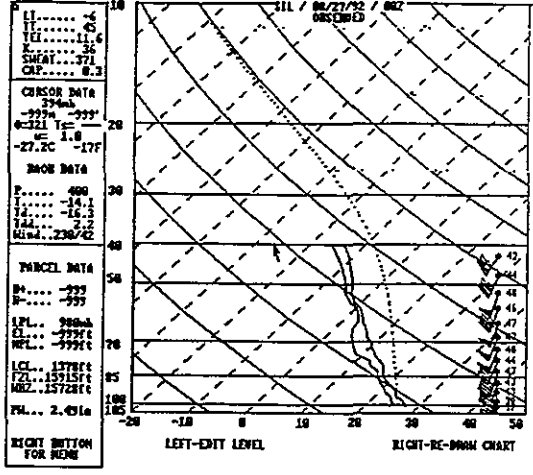
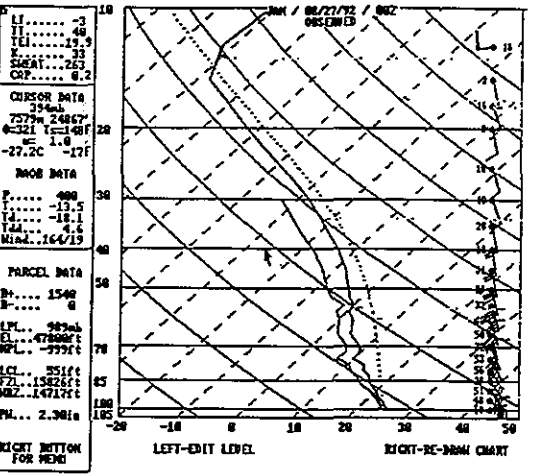
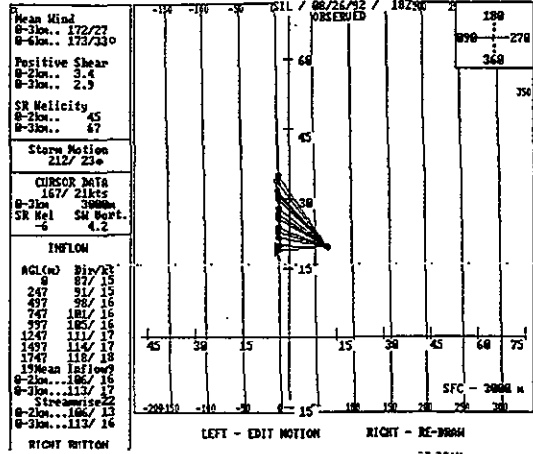
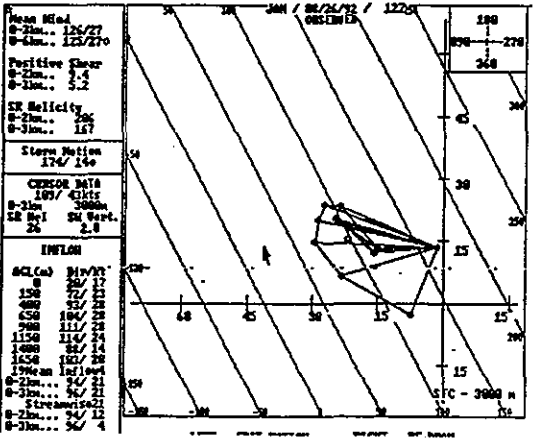
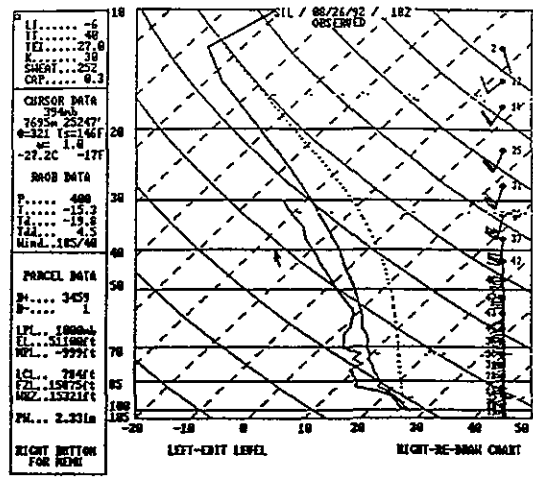
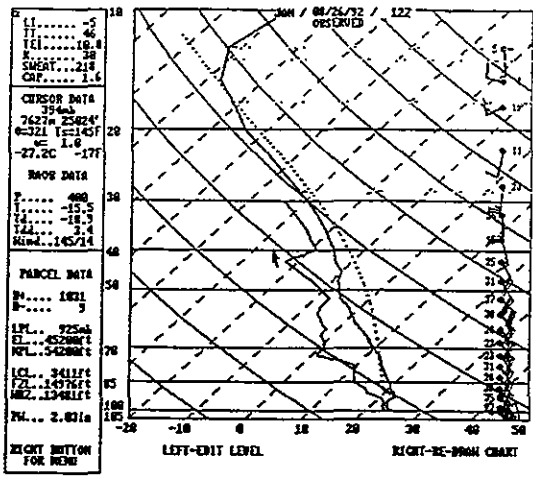


SATELLITE 23Z 26 AUGUST



SATELLITE 10Z 27 AUGUST





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/27/92 - 0600CST 08/28/92

Total Non-Tornadoic Reports: 98

Large Hail Reports... 2      Damaging Wind Reports... 96

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	1	0	1	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

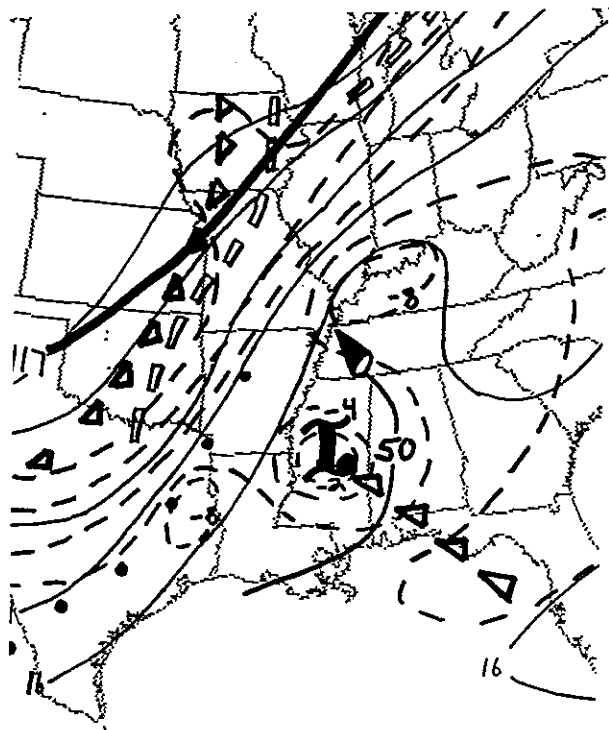
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	95	1	0	0	0	0	96
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

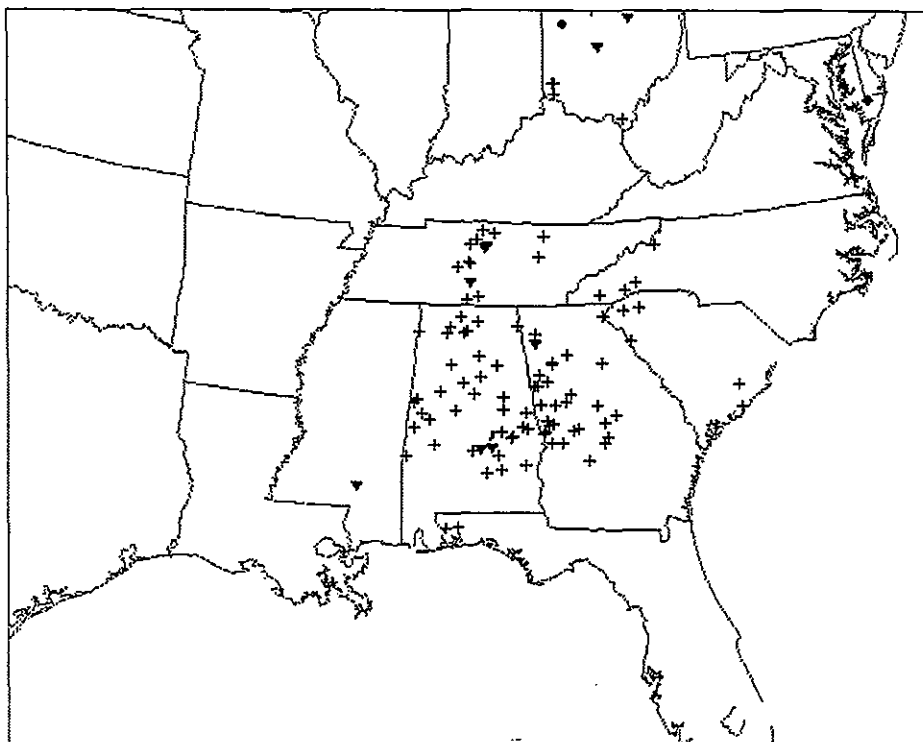
Number of Tornado Segments: 11

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	5	6	0	0	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	4	3	0	0	0	0	7



ALL SEVERE REPORTS



0600CST 08/27/92 - 0600CST 08/28/92

SEVERE WEATHER R

SIGNIFICANT EVENTS MAP

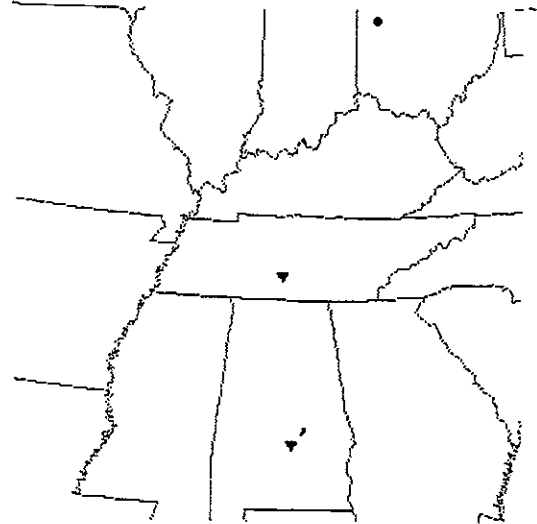
THURSDAY AUGUST 27TH, 1992

**SIGNIFICANT TORNADO EVENTS**

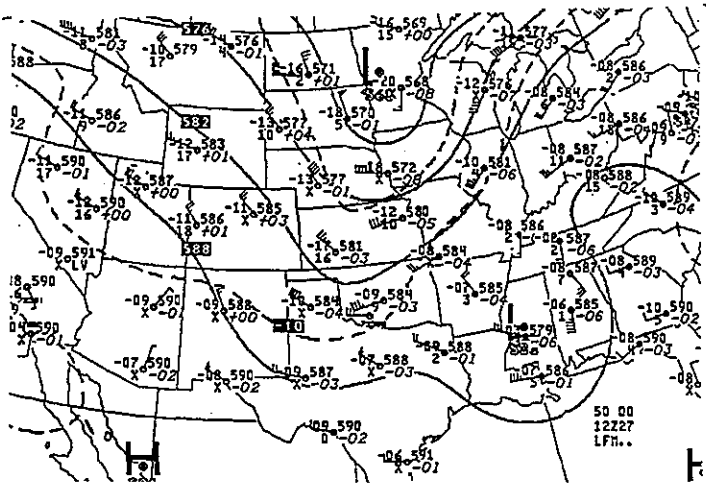
DATE	TIME	TOR PATH	WID	STATE	LOCATION	KIL	INJ	DMG
AUG 27	1245	F-1	0.3	AL	LOWNDES..5 E HAYNEVILLE	2	---	---
AUG 27	1302	F-1	5.0	AL	ELMORE..3 NE MONTGOMERY	1	---	---
AUG 27	1500	F-0	0.3	TN	MARSHALL..LEWISBURG	-	4	---
3 TOTAL							7	---

**SIGNIFICANT HAIL EVENTS**

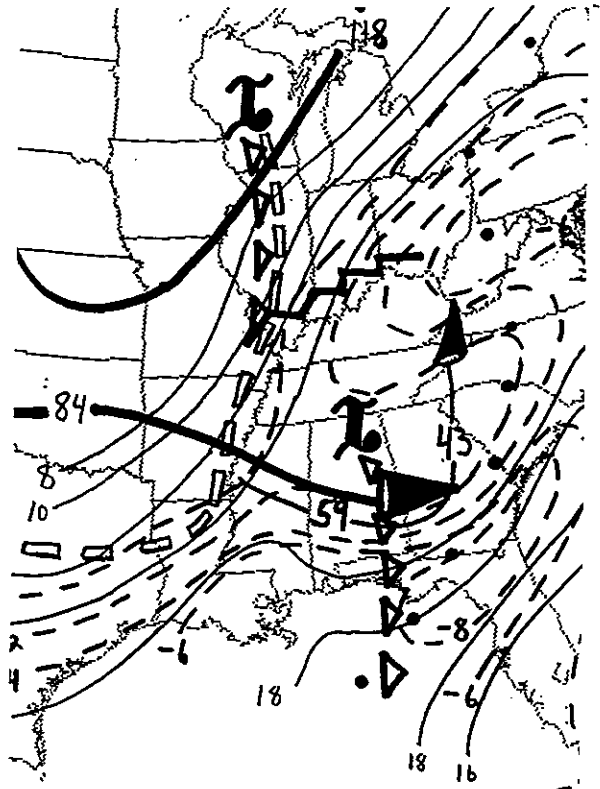
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
AUG 27	1252	2.75 INCH	OH	AUGLAIZE..1 NE WAPAKONETA	-	---
1 TOTAL						---



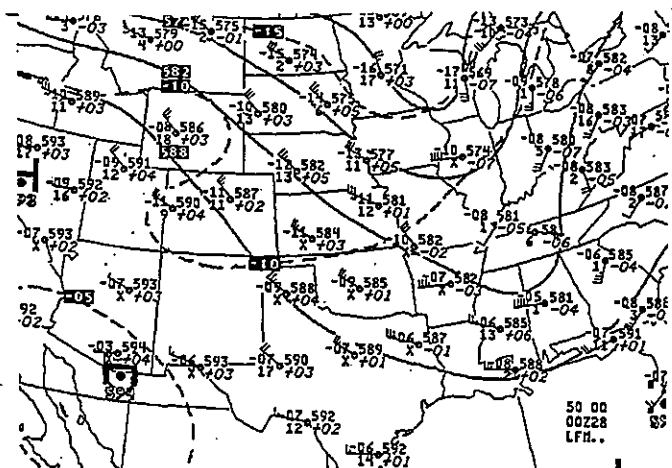
500 MB 12Z



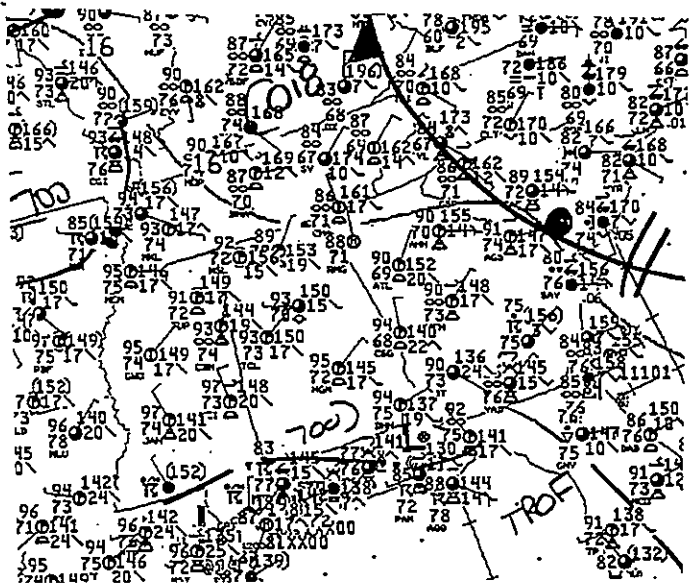
COMPOSITE MAP 00Z



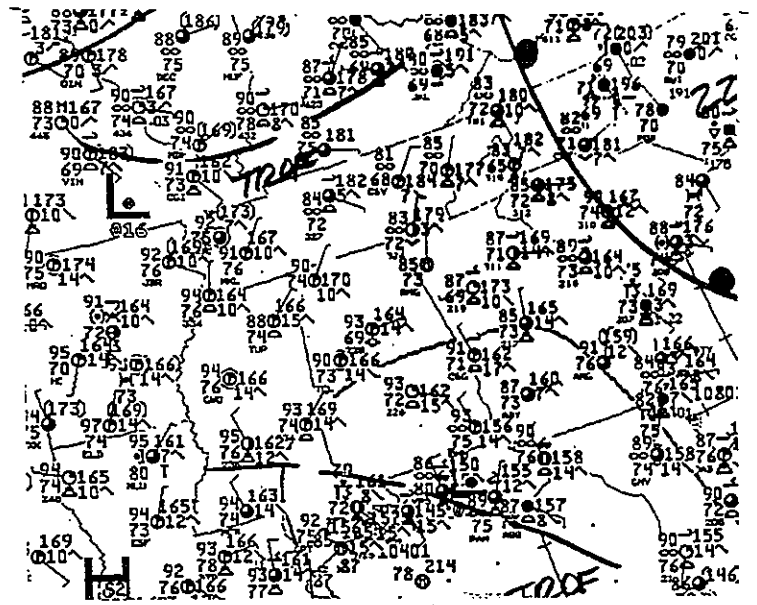
500 MB 00Z



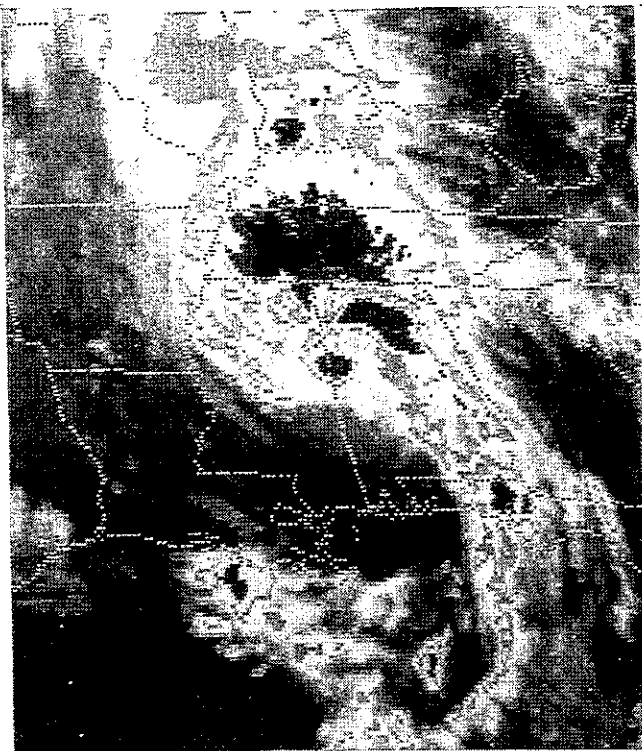
SURFACE MAP 18Z



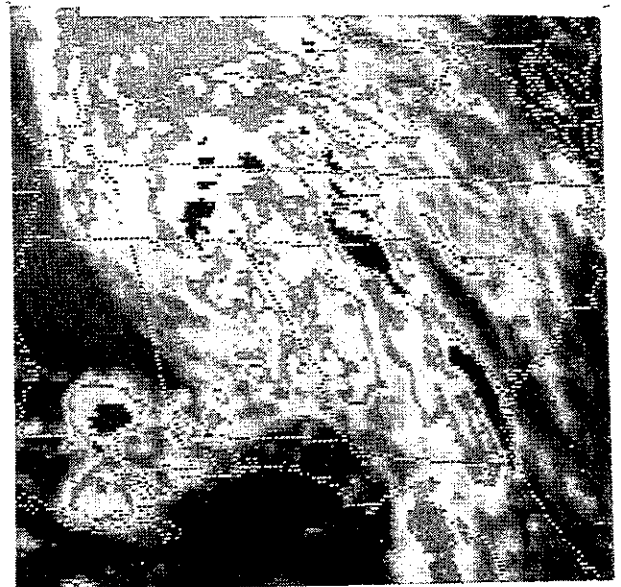
SURFACE MAP 21Z



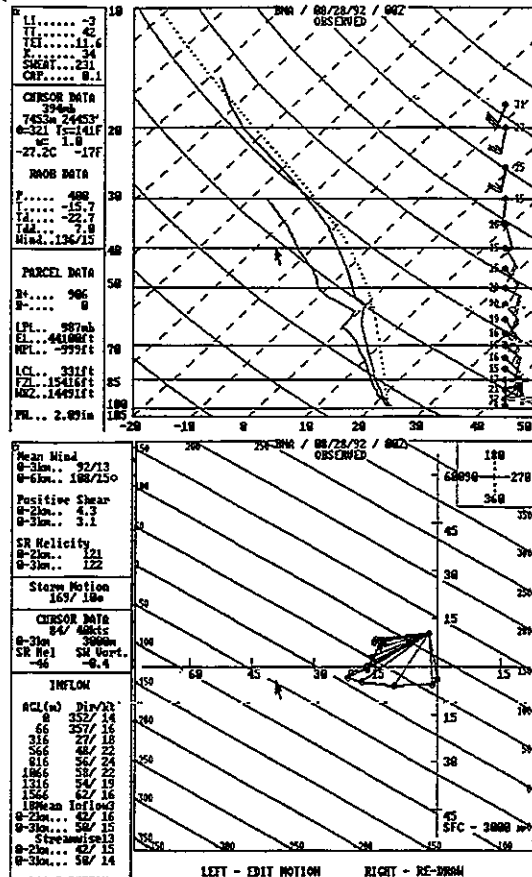
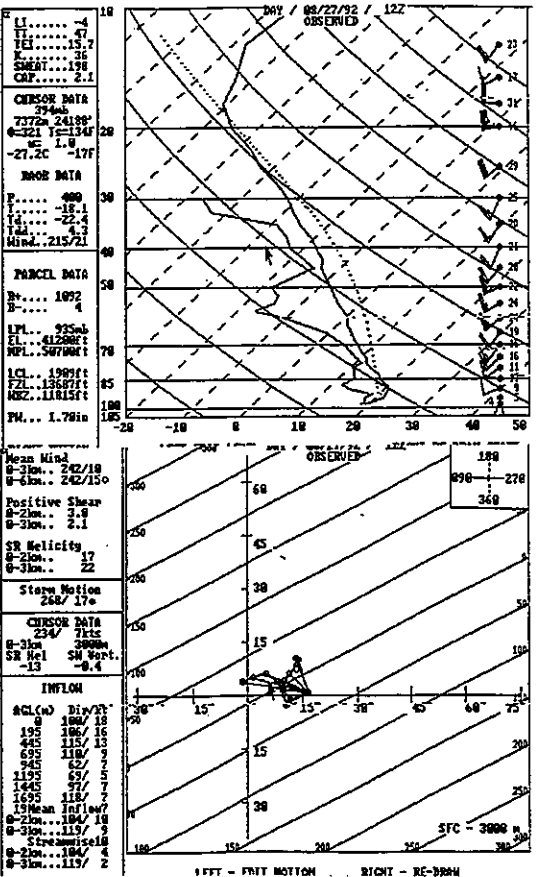
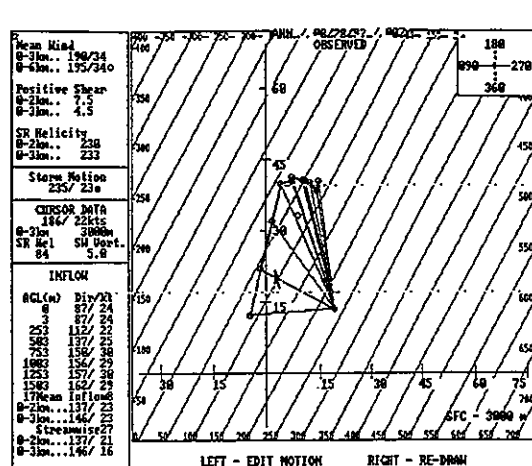
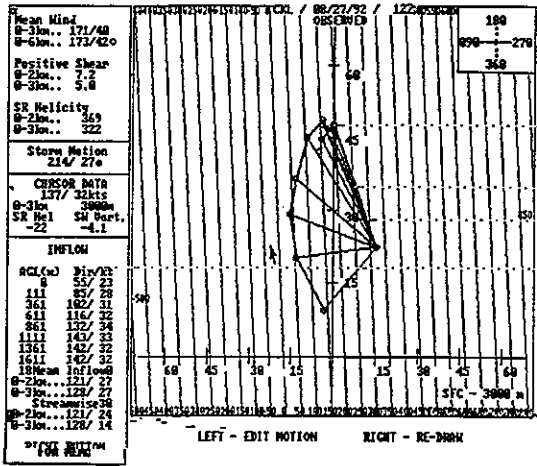
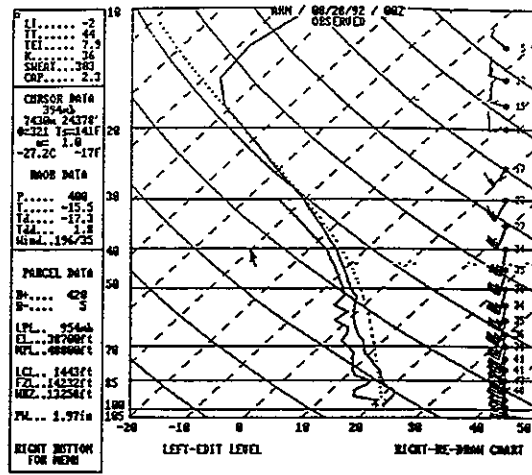
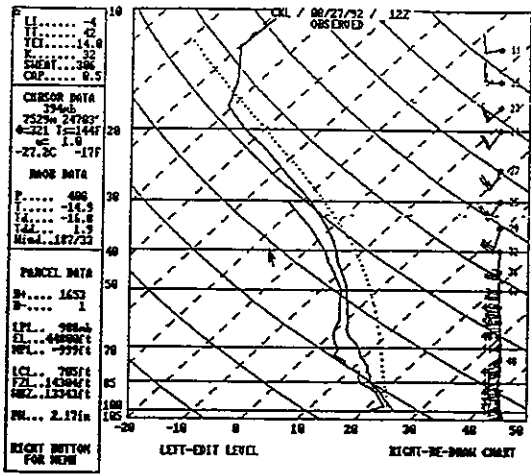
SATELLITE 17Z 27 AUGUST



SATELLITE 00Z 28 AUGUST







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 08/28/92 - 0600CST 08/29/92

Total Non-Tornadoic Reports: 74

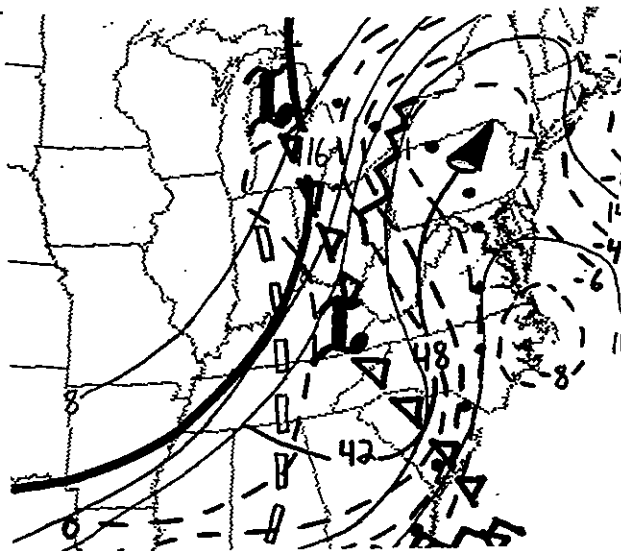
Large Hail Reports... 1      Damaging Wind Reports... 73

LARGE HAIL							
	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND							
	WNDG	50	60	70	80	90	TOT
Wind	63	9	1	0	0	0	73
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

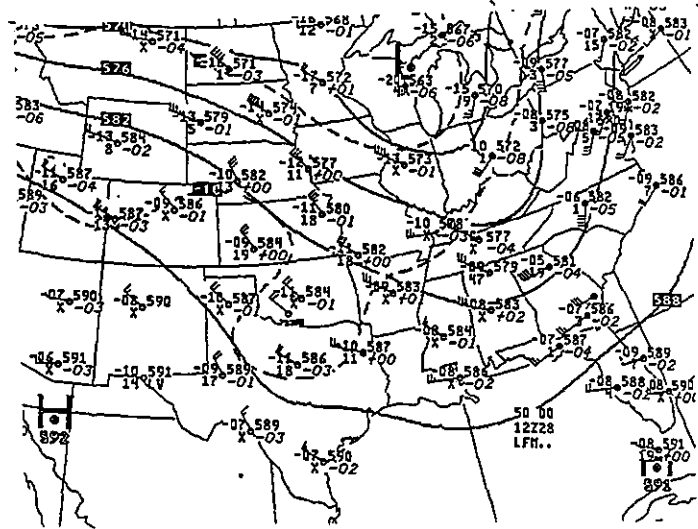
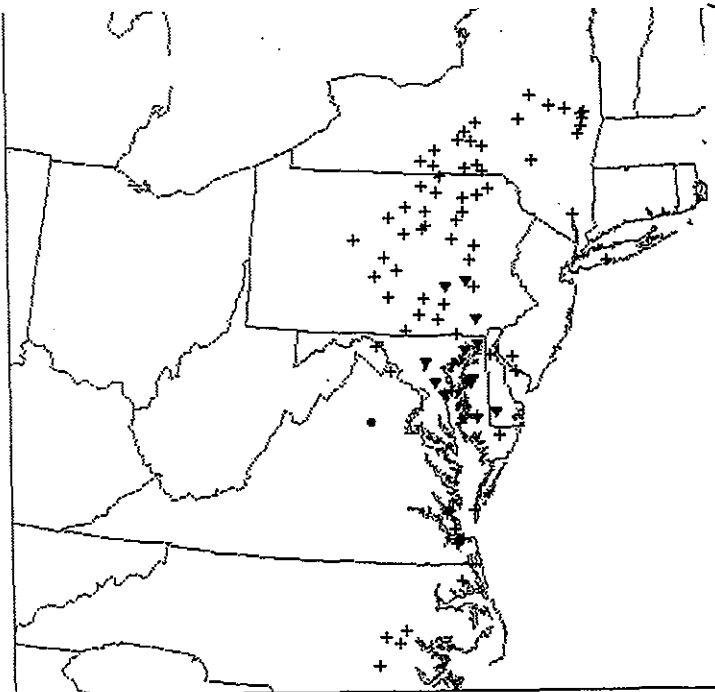
Number of Tornado Segments: 13

TORNADO SEGMENTS							
	F0	F1	F2	F3	F4	F5	TOT
Segments	9	3	1	0	0	0	13
Fatalities	0	0	0	0	0	0	0
Injuries	0	2	3	0	0	0	5



ALL SEVERE REPORTS

500 MB 12Z



0600CST 88/28/92 - 0600CST 88/29/92

SIGNIFICANT EVENTS MAP

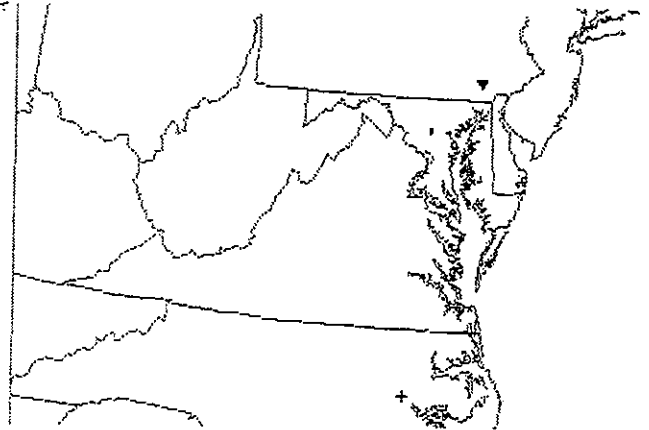
FRIDAY AUGUST 28TH, 1992

**SIGNIFICANT TORNADO EVENTS**

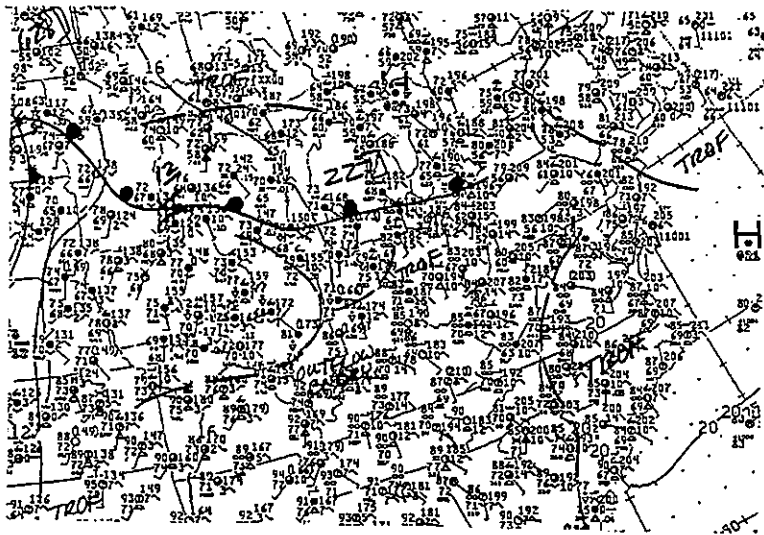
DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
AUG 28	1500	F-1	0.3 100	MD	HOWARD..1 SE GLENELG	2	1	M
AUG 28	1720	F-2	2.0 100	PA	CHESTER..FITGLEN	-	3	-
<b>2 TOTAL</b>						-	5	1 M

**SIGNIFICANT WIND EVENTS**

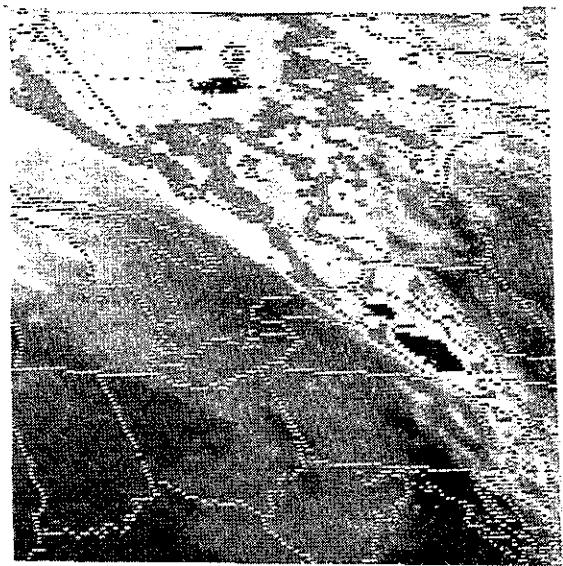
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
AUG 28	1401	75 MPH GUST	NC	PITT..6 E GREENVILLE	-	-	-
<b>1 TOTAL</b>					-	-	-



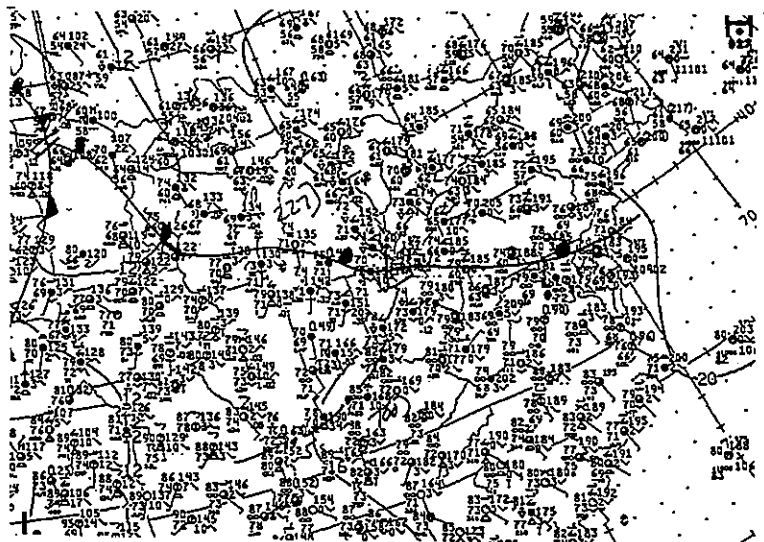
SURFACE MAP 18Z

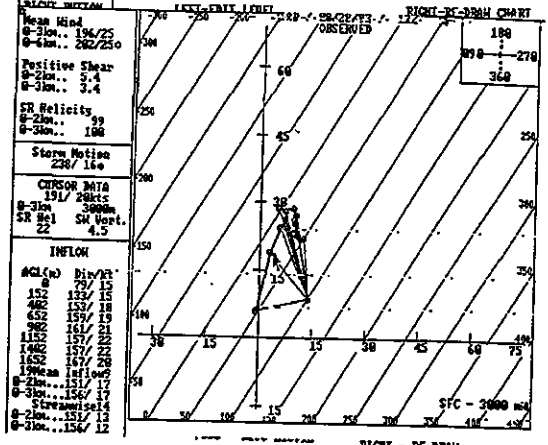
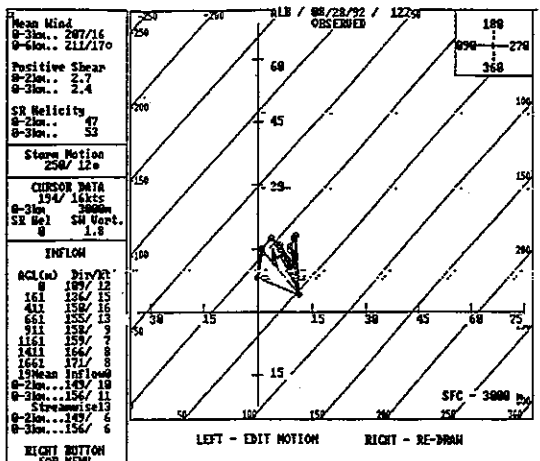
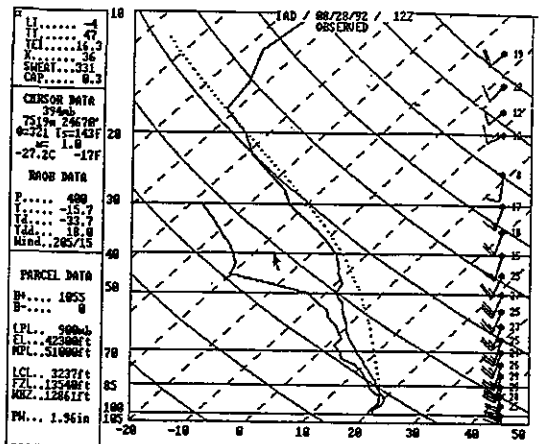
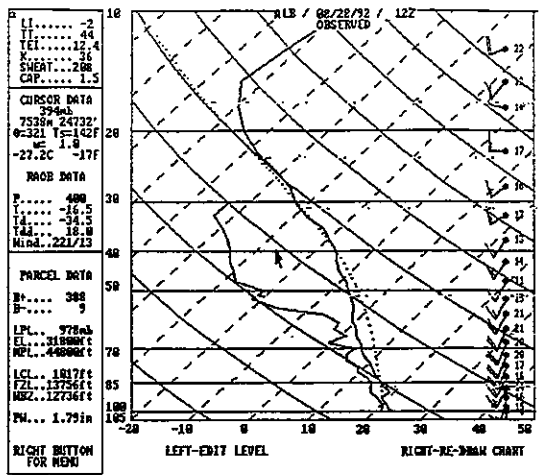
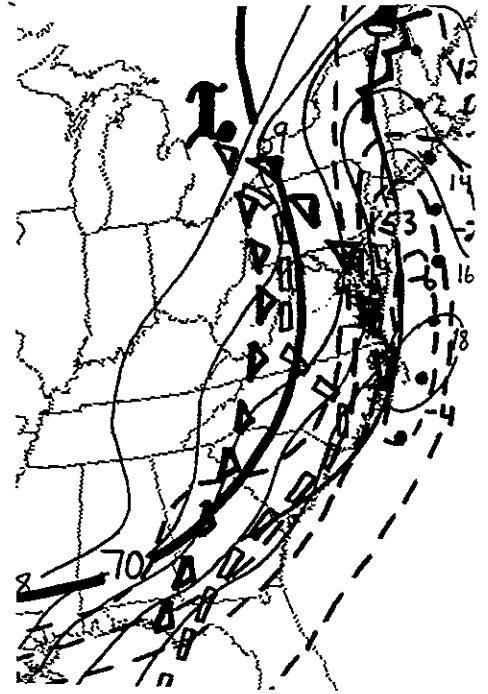
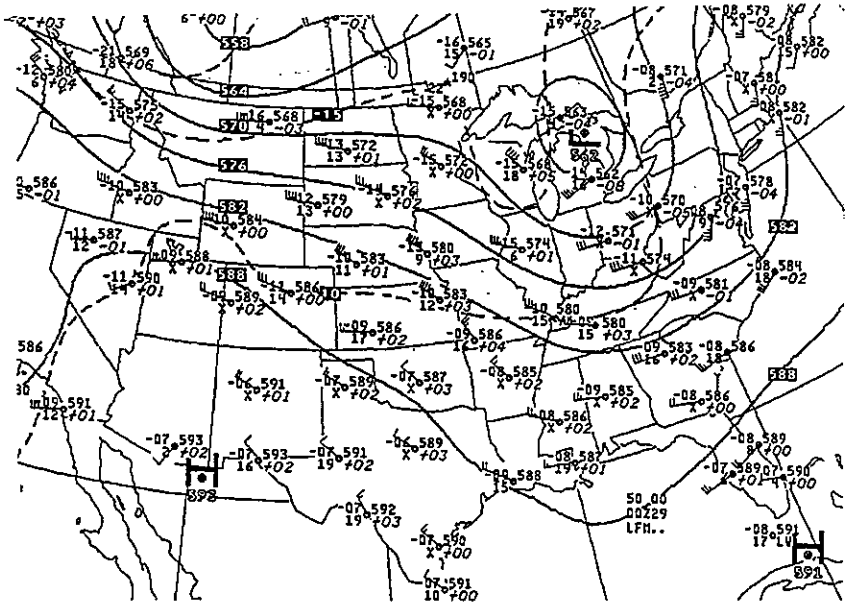


SATELLITE 21Z 28 AUGUST



SURFACE MAP 00Z





CASE NO. 32

COMPOSITE MAP 00Z

National Severe Storms Forecast Center  
Severe Thunderstorms and Tornado Database  
Page 1

0600CST 08/29/92 - 0600CST 08/30/92

Total Non-Tornadic Reports: 10

Large Hail Reports... 8      Damaging Wind Reports... 2

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	4	3	1	0	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

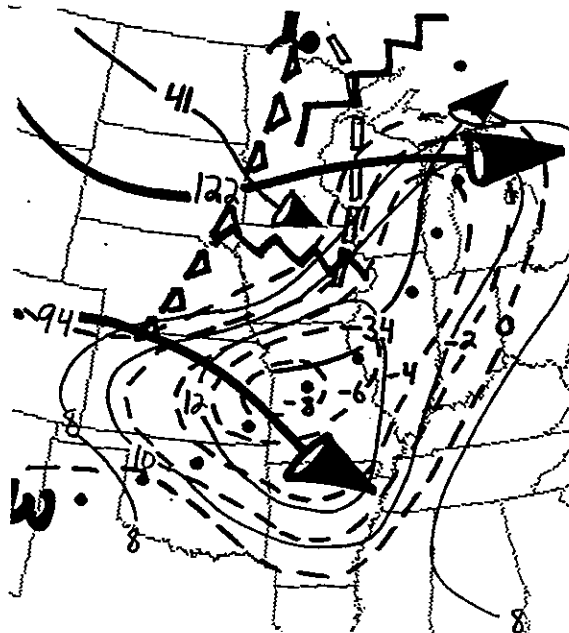
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	1	1	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

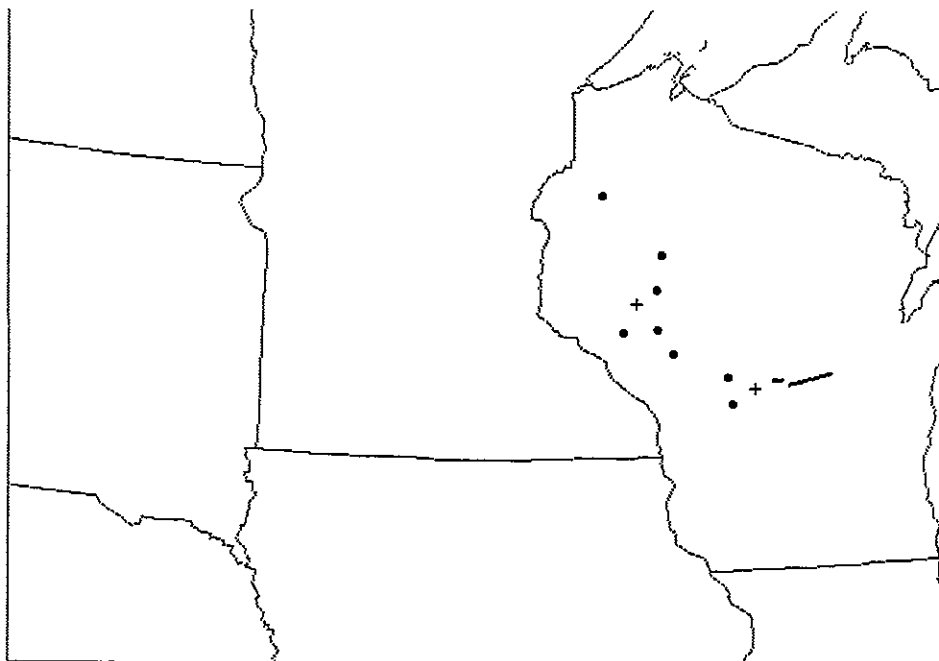
Number of Tornado Segments: 2

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	1	0	1	0	0	2
Fatalities	0	0	0	1	0	0	1
Injuries	0	0	0	30	0	0	30



ALL SEVERE REPORTS



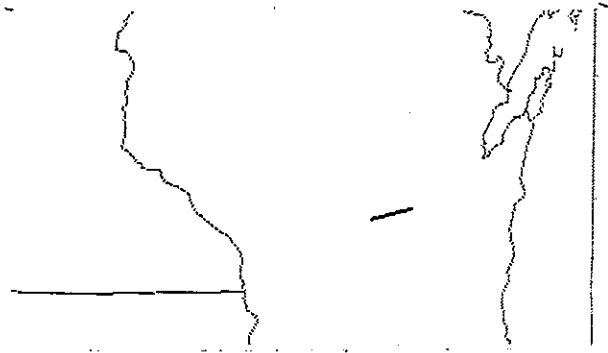
0600CST 08/29/92 - 0600CST 08/30/92

SEVERE WEATHER R

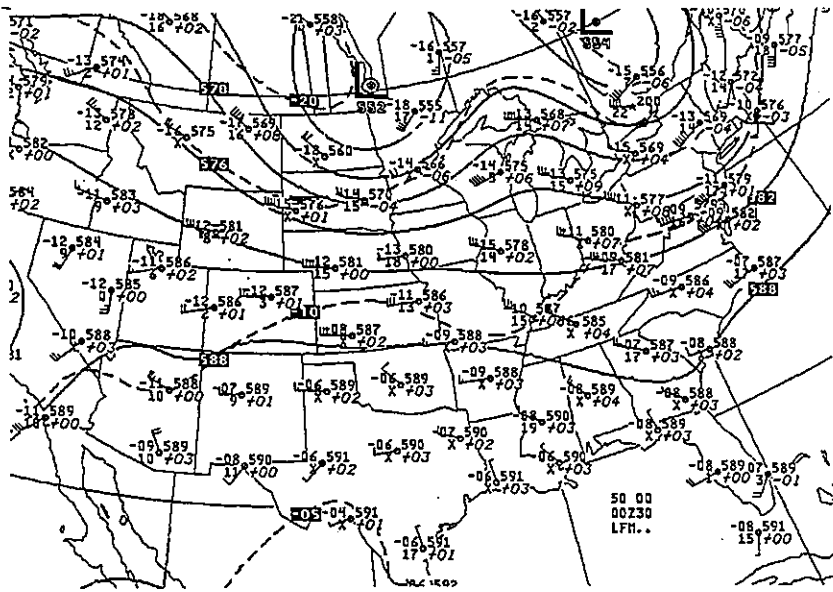
# SATURDAY AUGUST 29TH, 1992

## SIGNIFICANT TORNADO EVENTS

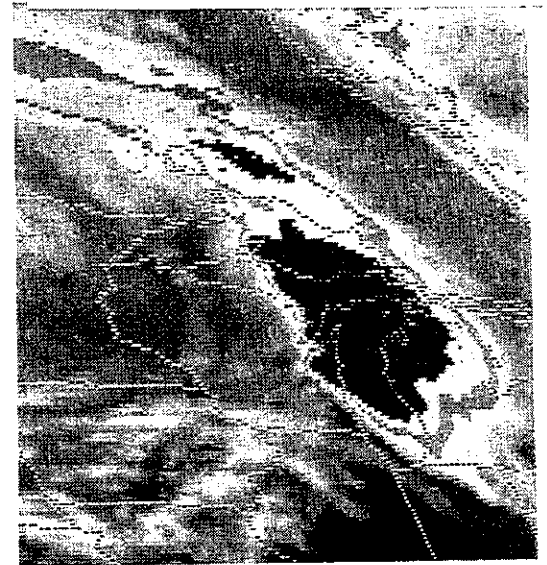
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
AUG 29	1910	F-3	28.0	800	WI	WAUSHARA..WAUTOMA	1	30	10M
<b>1 TOTAL</b>							<b>1</b>	<b>30</b>	<b>10M</b>



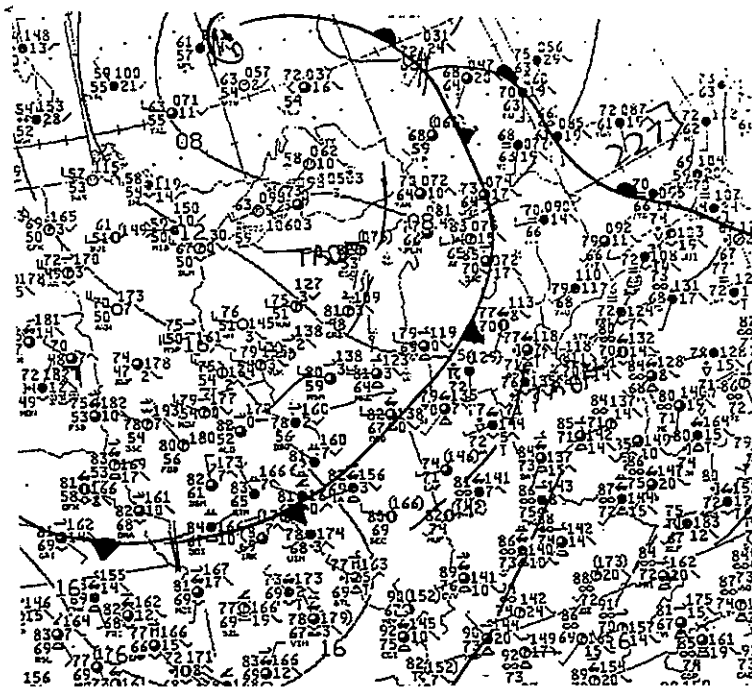
500 MB 00Z

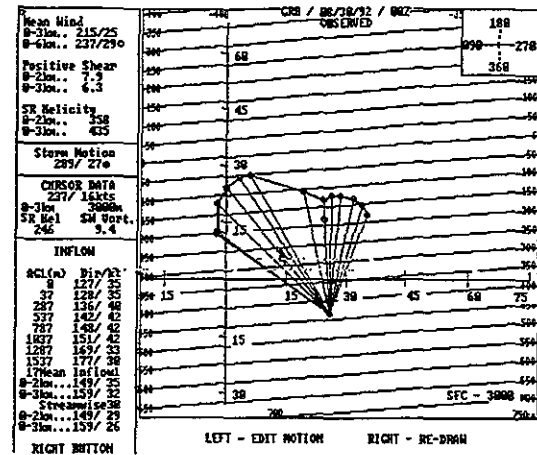
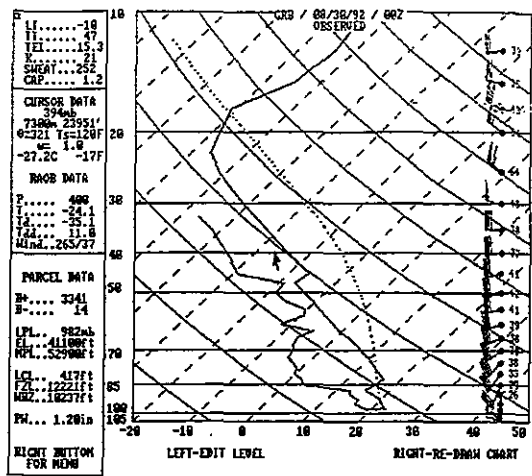
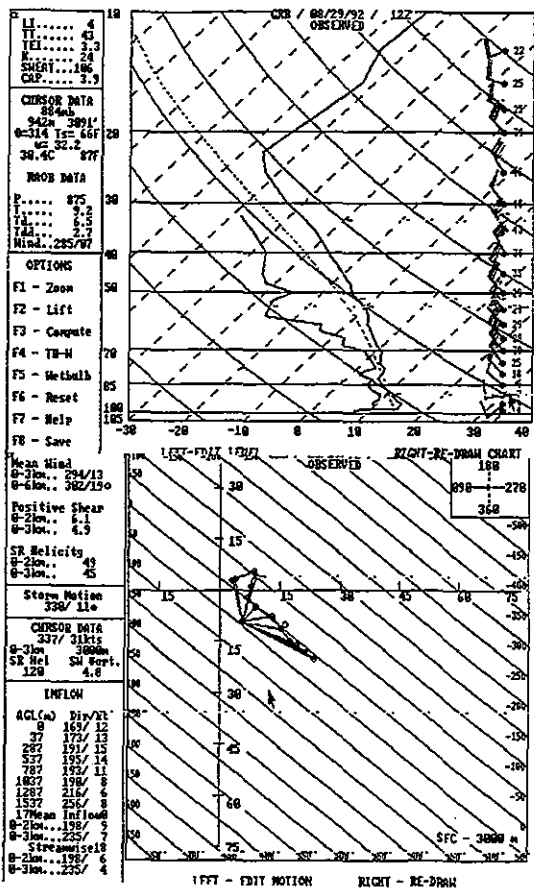


SATELLITE 0230Z 30 AUGUST



SURFACE MAP 21Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 09/02/92 - 0600CST 09/03/92

Total Non-Tornadic Reports: 110

Large Hail Reports... 58      Damaging Wind Reports... 52

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	36	8	9	4	0	1	58
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

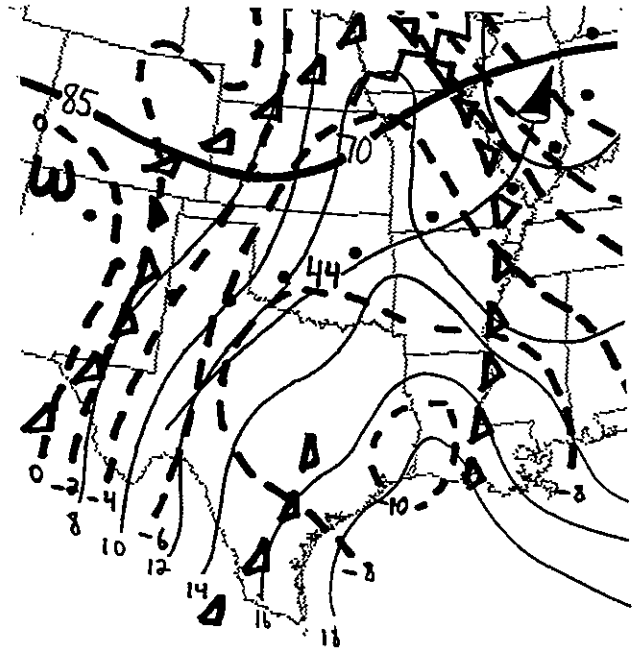
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	41	10	1	0	0	0	52
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

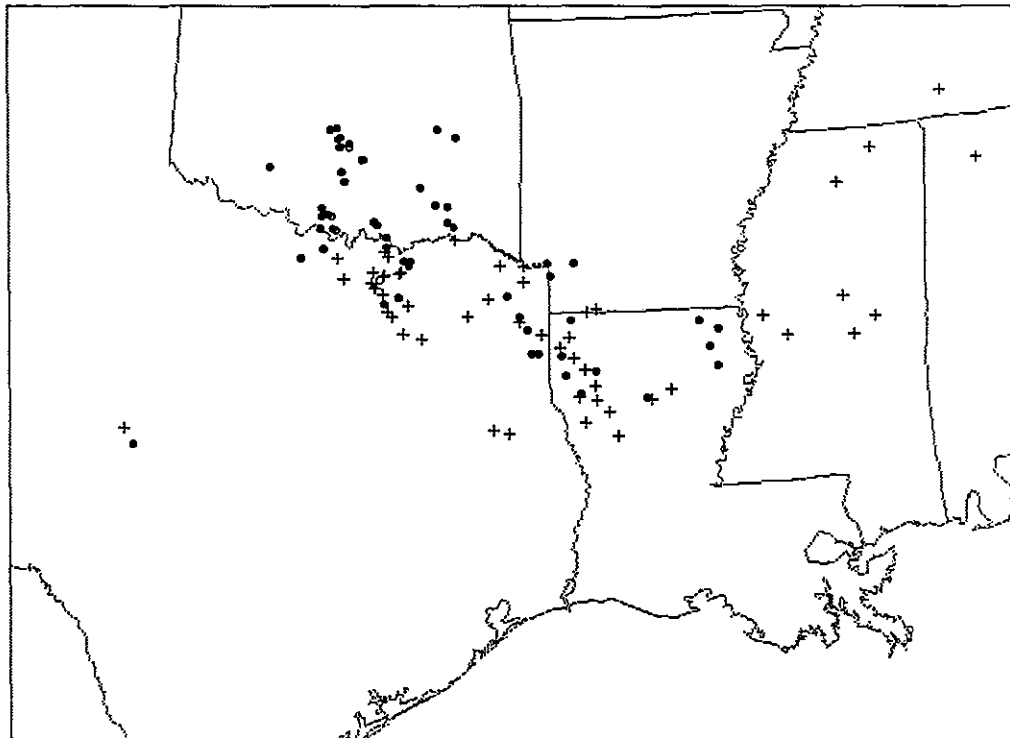
Number of Tornado Segments: 1

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	1	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	1	0	0	0	1



ALL SEVERE WEATHER REPORTS



0600CST 09/02/92 - 0600CST 09/03/92

SEVERE WEATHER REPORTS



SIGNIFICANT EVENTS MAP

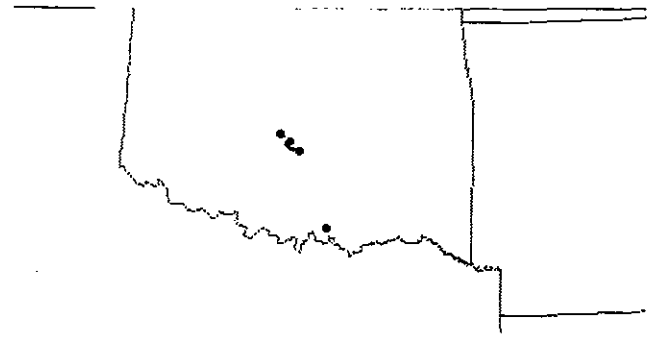
WEDNESDAY SEPTEMBER 2ND, 1992

SIGNIFICANT TORNADO EVENTS

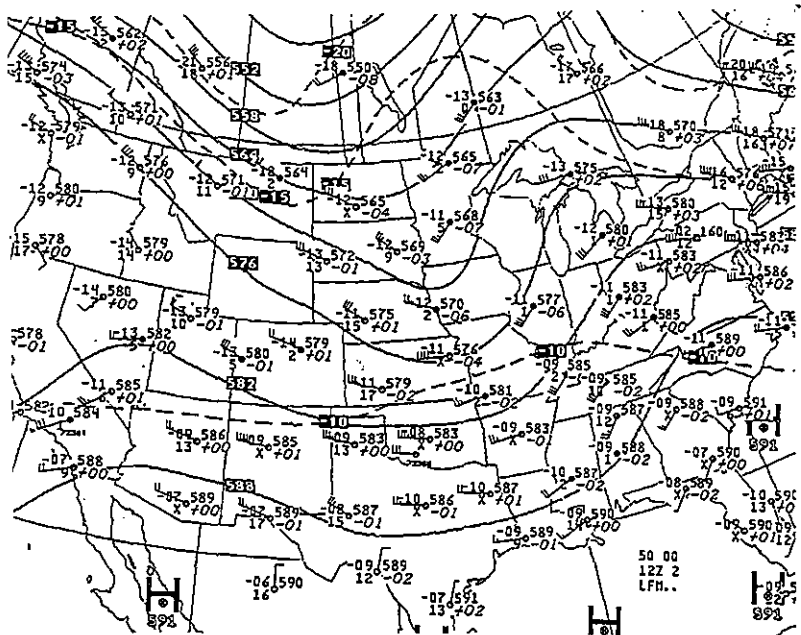
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
SEP 2	1715	F-2	8.0	400	OK	MCCLAIN..2.5 SW PURCELL	1	---	---
1 TOTAL							---	1	---

SIGNIFICANT HAIL EVENTS

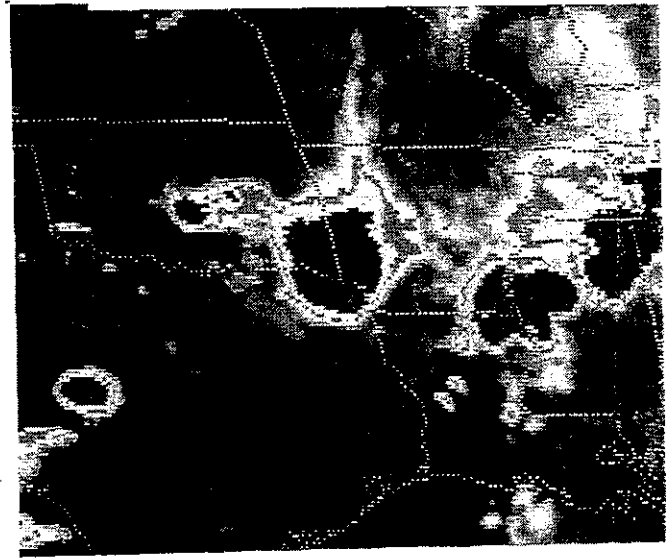
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG	
SEP 2	1644	2.50 INCH	OK	MCCLAIN..	S GOLDSBY	-	---	
SEP 2	1722	2.75 INCH	OK	CLEVELAND..	LEXINGTON	-	---	
SEP 2	1803	4.00 INCH	OK	MCCLAIN..	ROSEDALE	-	---	
SEP 2	2000	2.00 INCH	OK	MARSHALL..	KINGSTON	-	---	
4 TOTAL							-	---

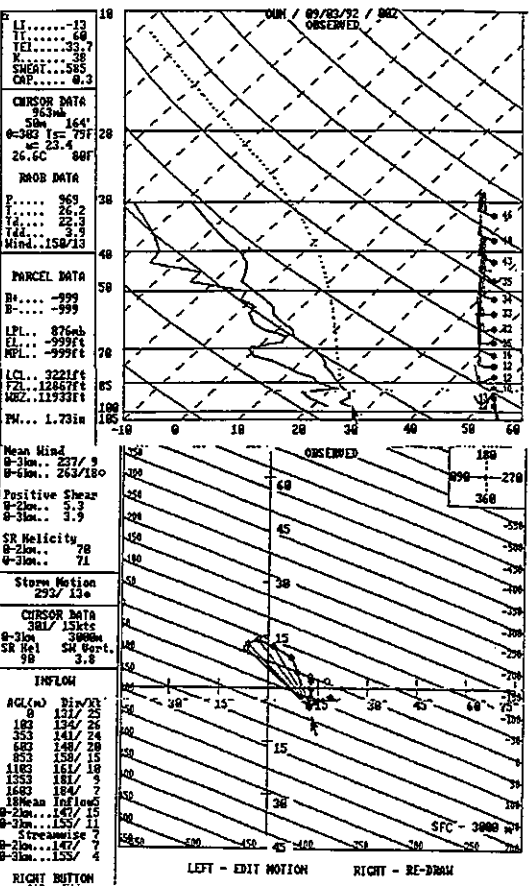
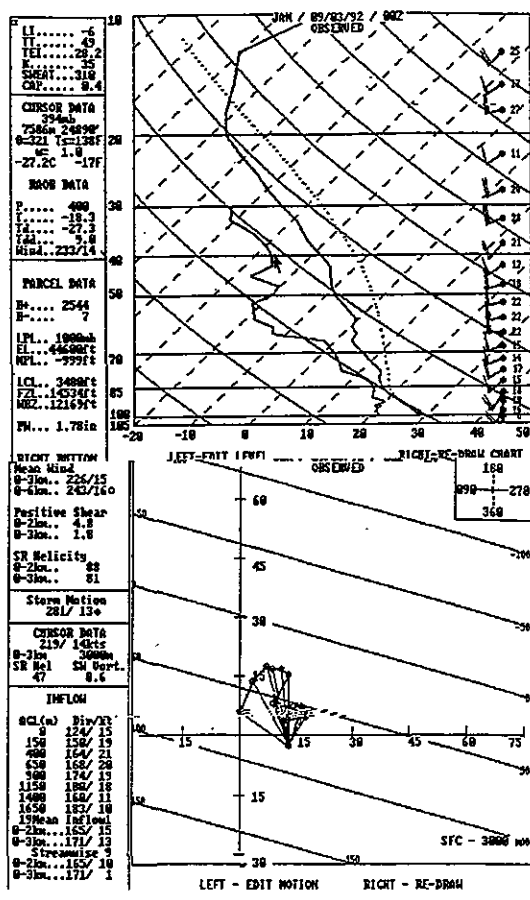
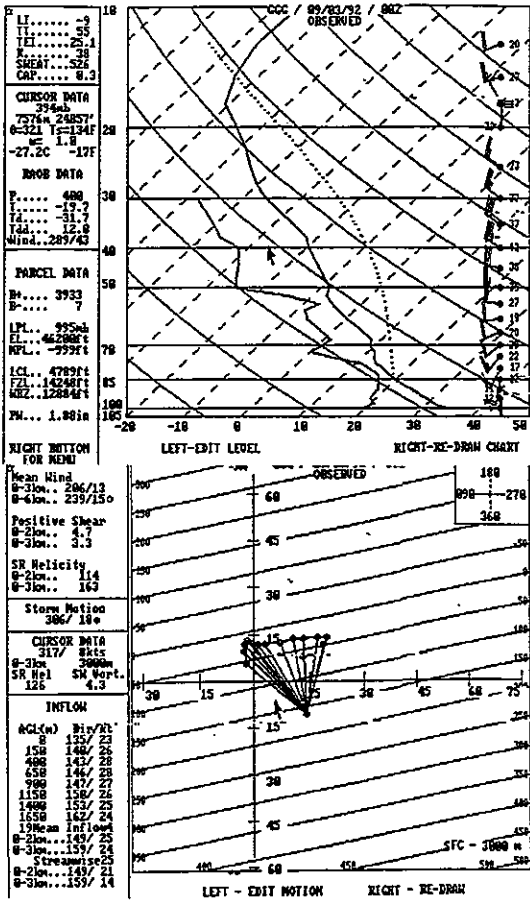


500 MB 12Z

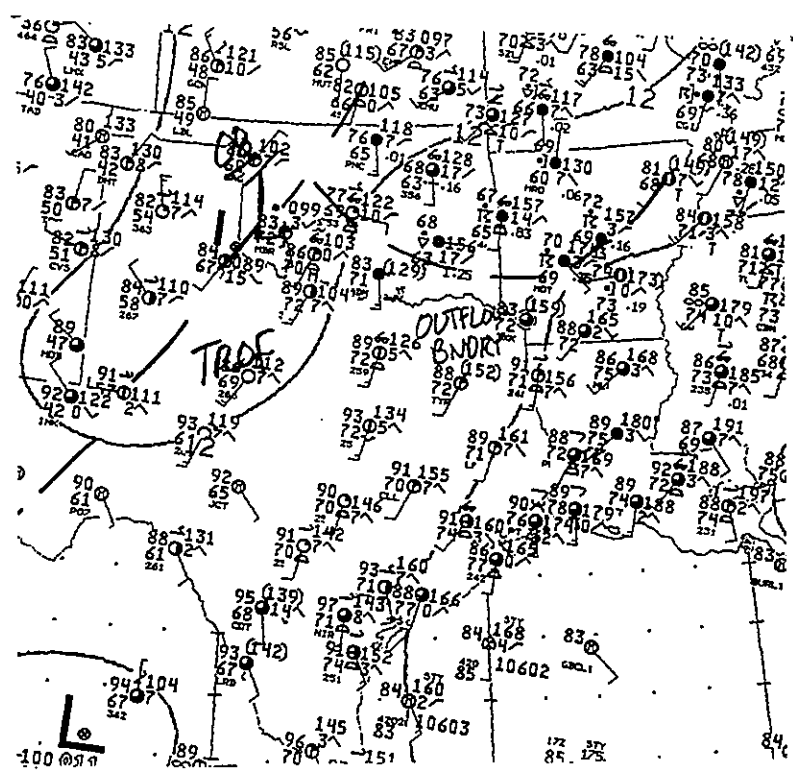


SATELLITE 23Z 2 SEPTEMBER





SURFACE MAP 18Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 09/05/92 - 0600CST 09/06/92

Total Non-Tornadic Reports: 95

Large Hail Reports... 65      Damaging Wind Reports... 30

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	23	21	13	5	2	1	65
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

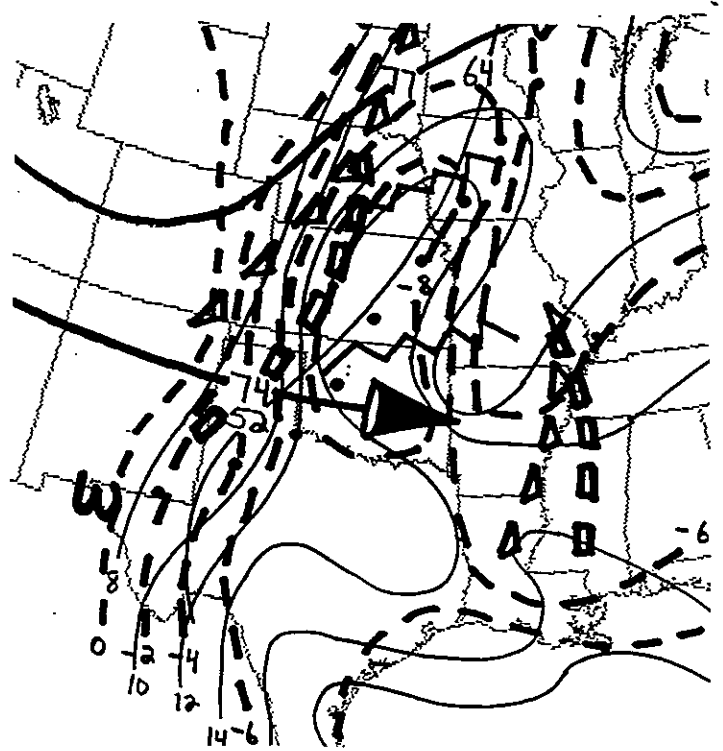
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	14	11	2	2	1	0	30
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	0	0	0	0	1

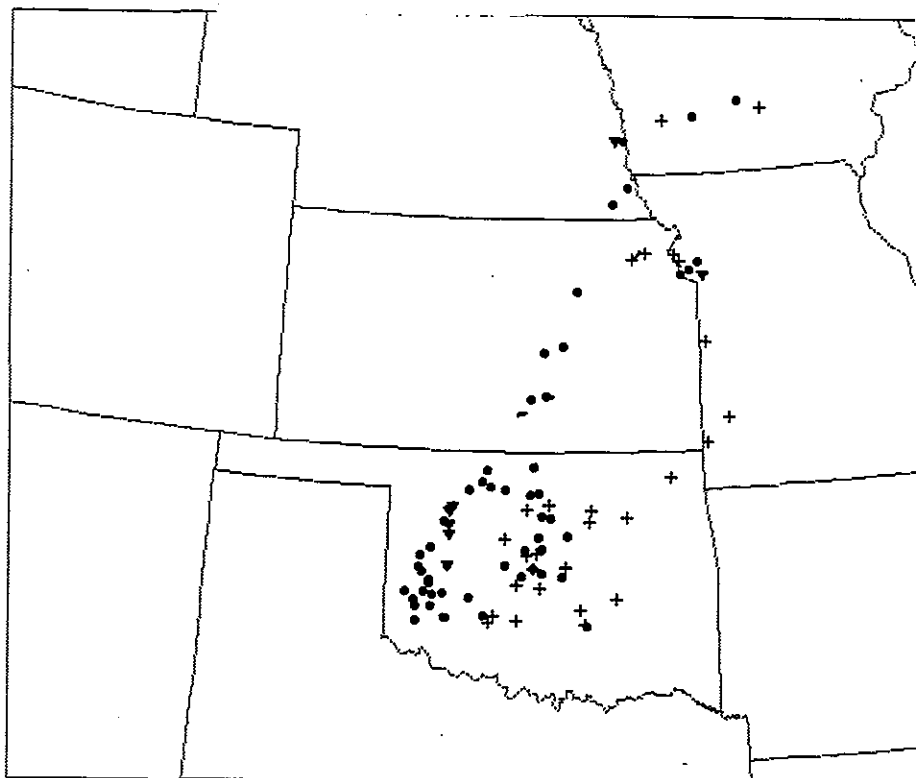
Number of Tornado Segments: 14

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	10	3	1	0	0	0	14
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	1	0	0	0	1



ALL SEVERE REPORTS



0600CST 09/05/92 - 0600CST 09/06/92

SEVERE WEAT

# SATURDAY SEPTEMBER 5TH, 1992

## SIGNIFICANT TORNADO SYSTEMS

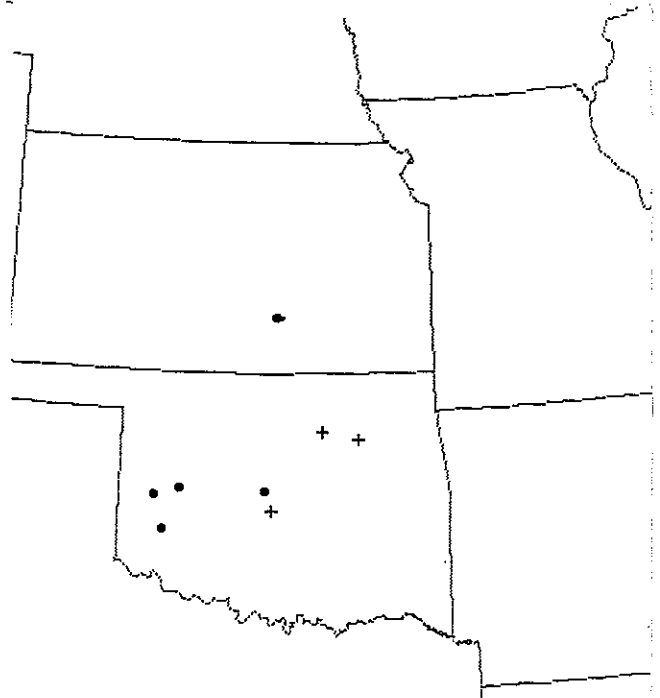
DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
SEP 5	1759	F-2	3.0 200	KS	SEDGWICK..WICHITA	-	1	3 M
<b>1 TOTAL</b>						-	1	3 M

## SIGNIFICANT HAIL EVENTS

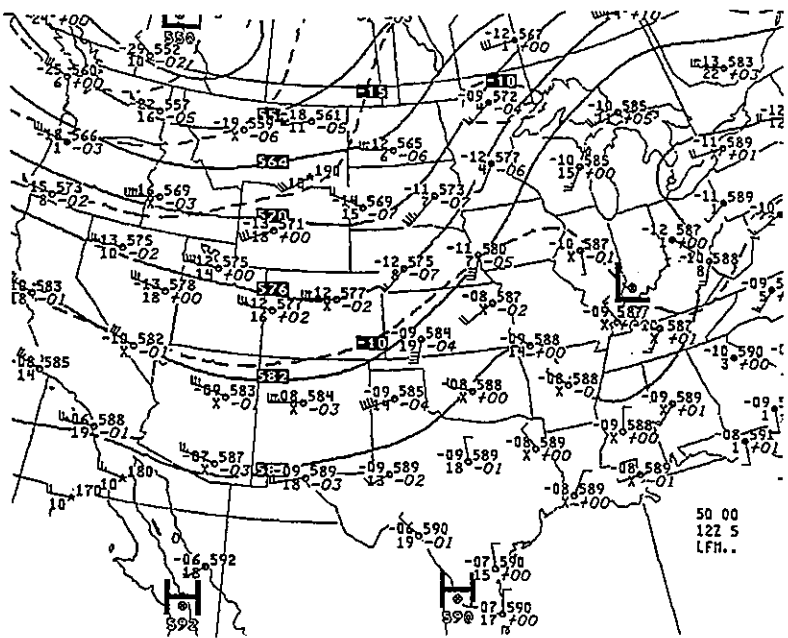
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
SEP 5	1748	2.75 INCH	KS	SEDGWICK..	WICHITA	-	-
SEP 5	1749	2.00 INCH	KS	SEDGWICK..	WICHITA	-	-
SEP 5	1757	2.75 INCH	KS	SEDGWICK..	WICHITA	-	-
SEP 5	1855	4.50 INCH	KS	SEDGWICK..	WICHITA	-	-
SEP 5	1903	2.50 INCH	KS	SEDGWICK..	WICHITA	-	-
SEP 5	1950	2.75 INCH	OK	CUSTER..2 W	CLINTON	-	-
SEP 5	1951	3.00 INCH	OK	BECKHAM..	BLK CITY	-	-
SEP 5	2210	2.00 INCH	OK	KIOWA..	LONE WOLF	-	-
SEP 6	0309	3.50 INCH	OK	OKLAHOMA..	OKLAHOMA CITY	-	-
SEP 6	0332	2.75 INCH	OK	OKLAHOMA..	OKLAHOMA CITY	-	-
<b>10 TOTAL</b>						-	-

## SIGNIFICANT WIND EVENTS

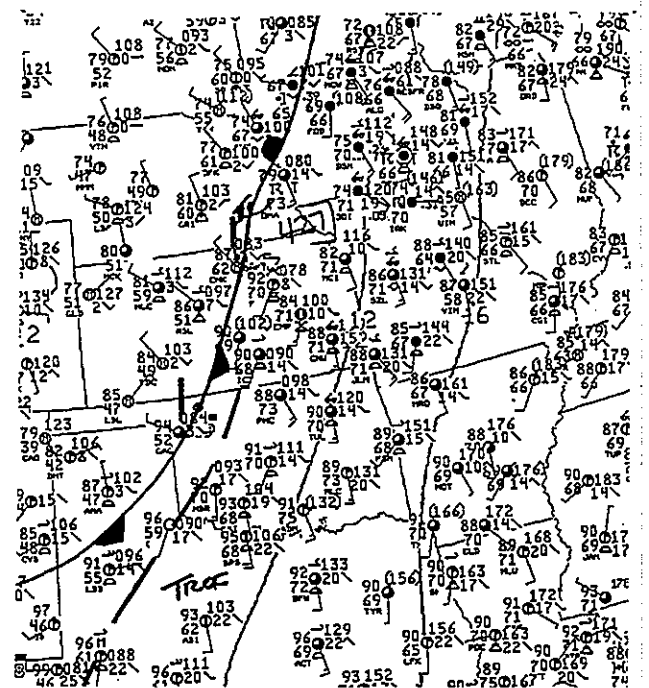
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
SEP 5	2130	WIND DAMAGE	OK	TULSA..	TULSA	-	1	----
SEP 5	2135	81 MPH GUST	OK	PAWNEE..	HALLETT	-	-	----
SEP 5	2350	85 MPH GUST	OK	CLEVELAND..2	NE NORMAN	-	-	----
SEP 5	2350	94 MPH GUST	OK	CLEVELAND..2.5	NE NORMAN	-	1	M
<b>4 TOTAL</b>						-	1	1 M

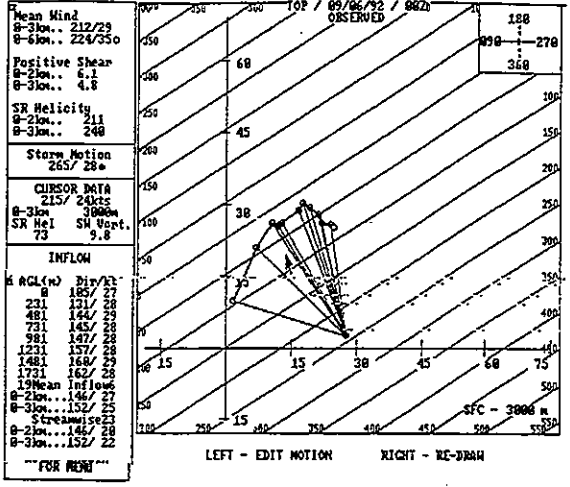
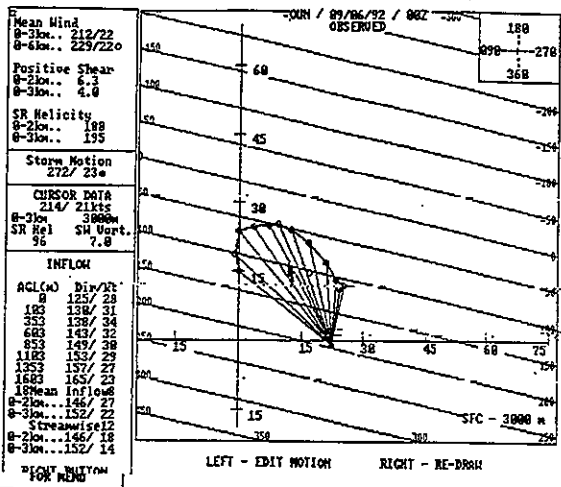
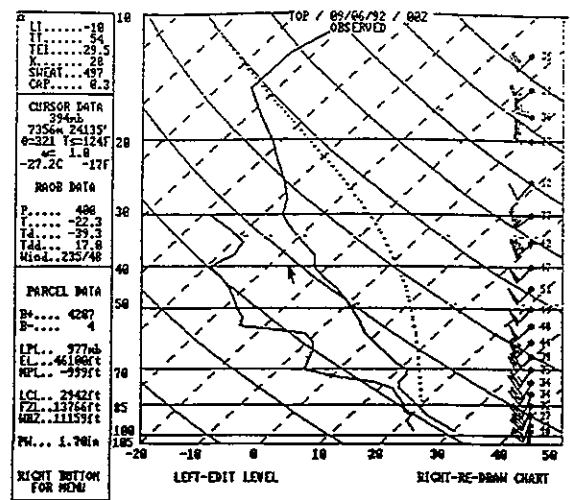
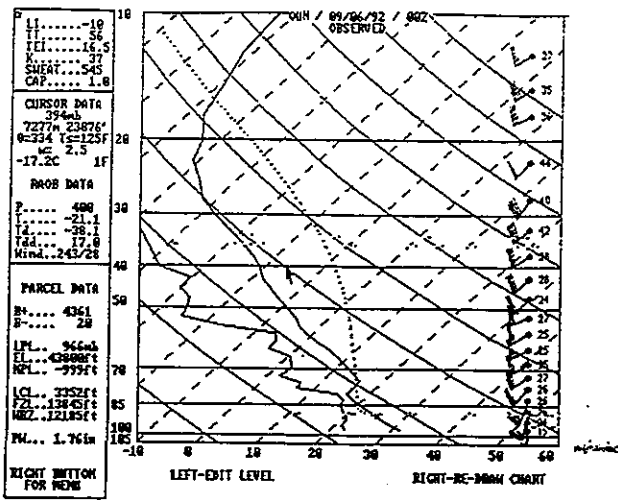


500 MB 12Z

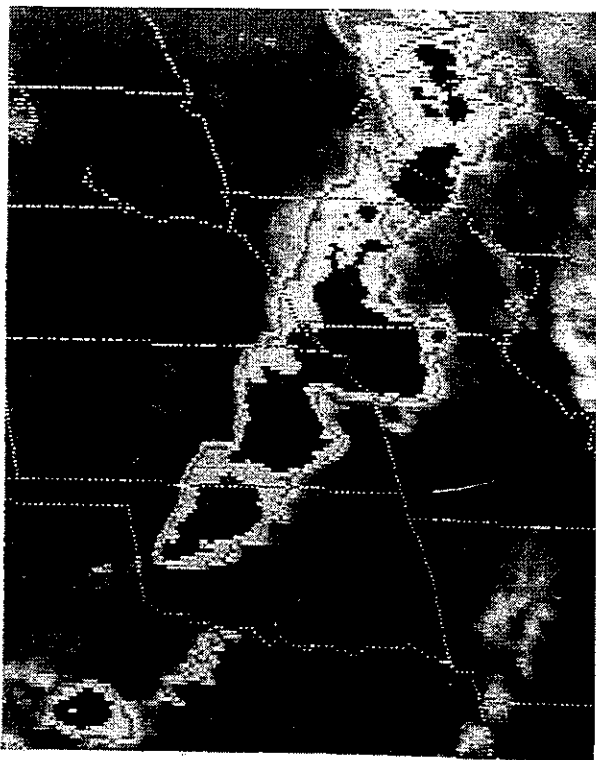


SURFACE MAP 21Z

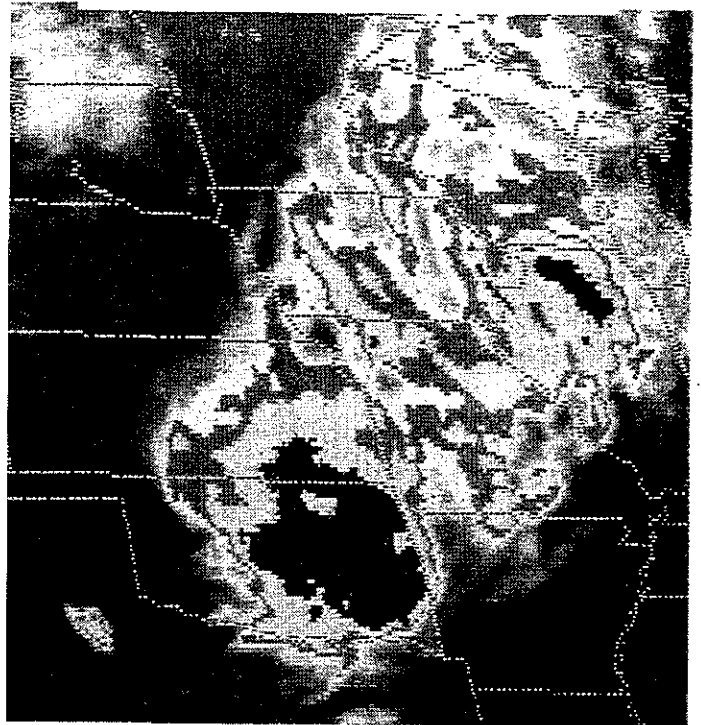




SATELLITE 01Z 6 SEPTEMBER



SATELLITE 09Z 6 SEPTEMBER



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 09/06/92 - 0600CST 09/07/92

Total Non-Tornadic Reports: 27

Large Hail Reports... 25      Damaging Wind Reports... 2

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	18	5	2	0	0	0	25
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

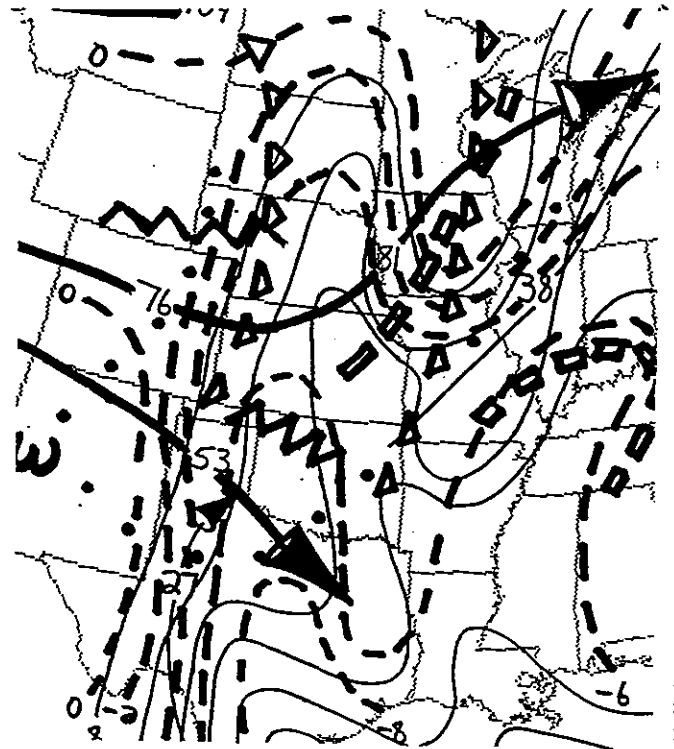
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 6

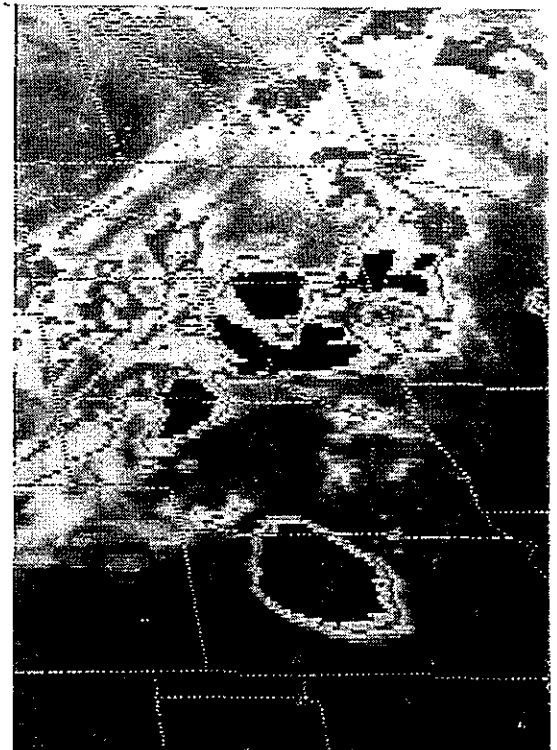
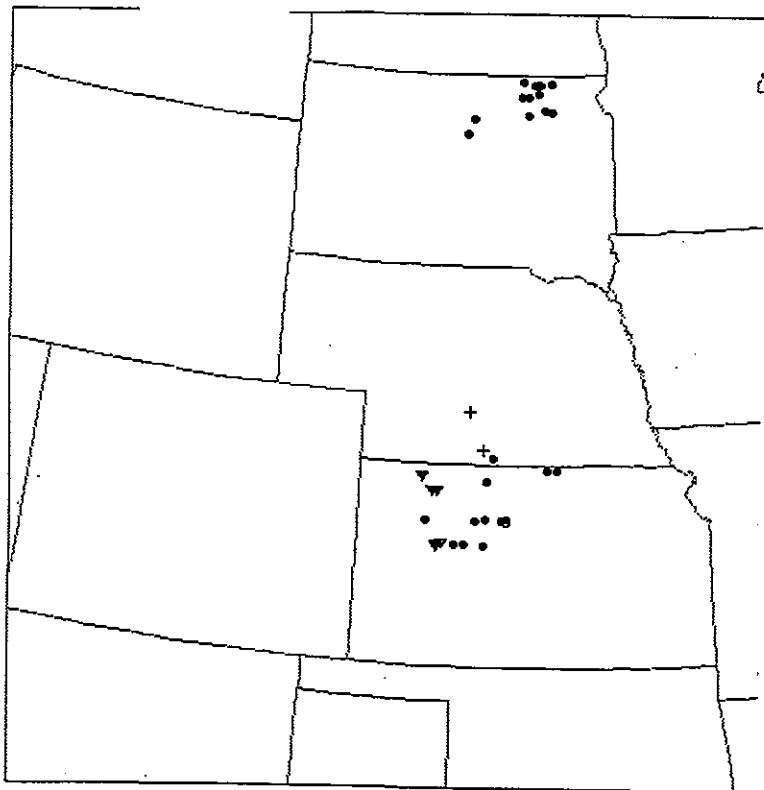
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	6	0	0	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

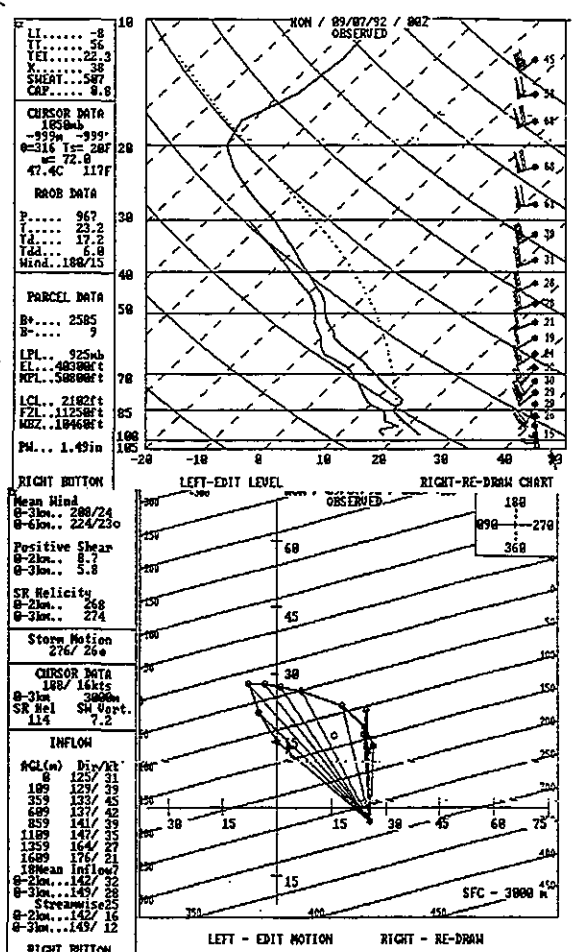
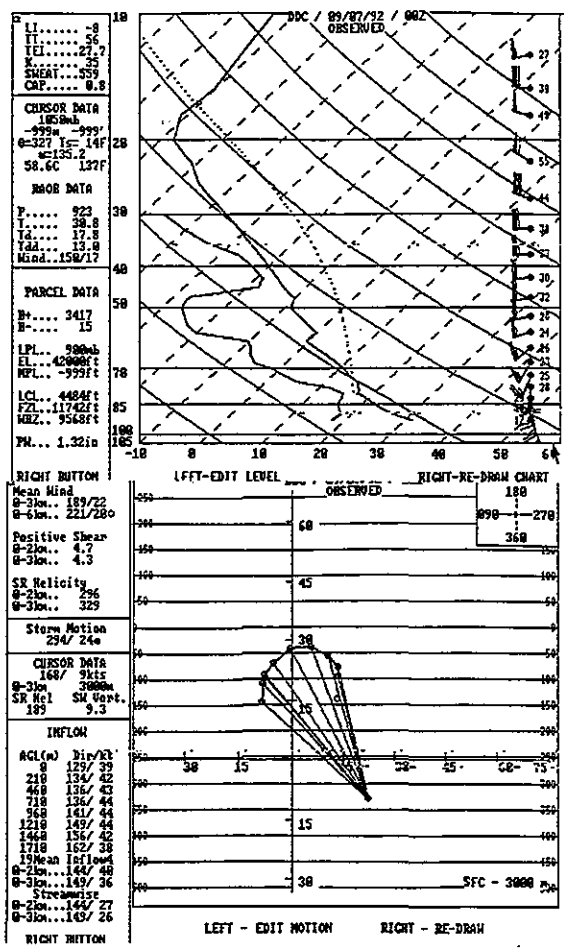
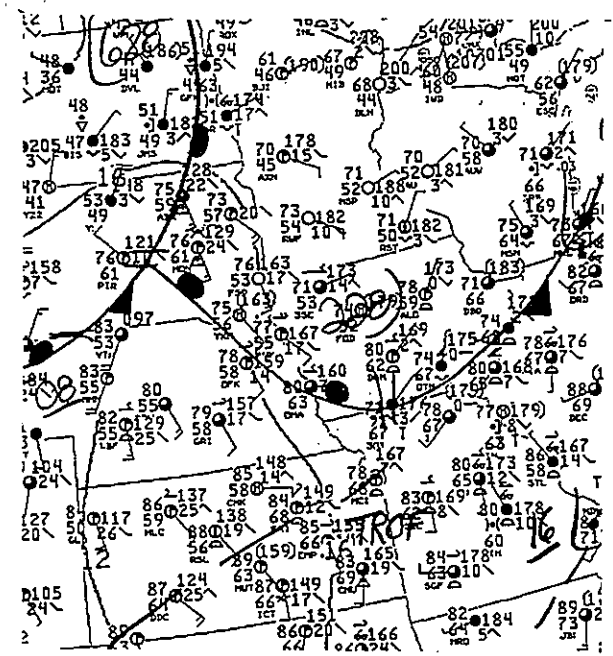
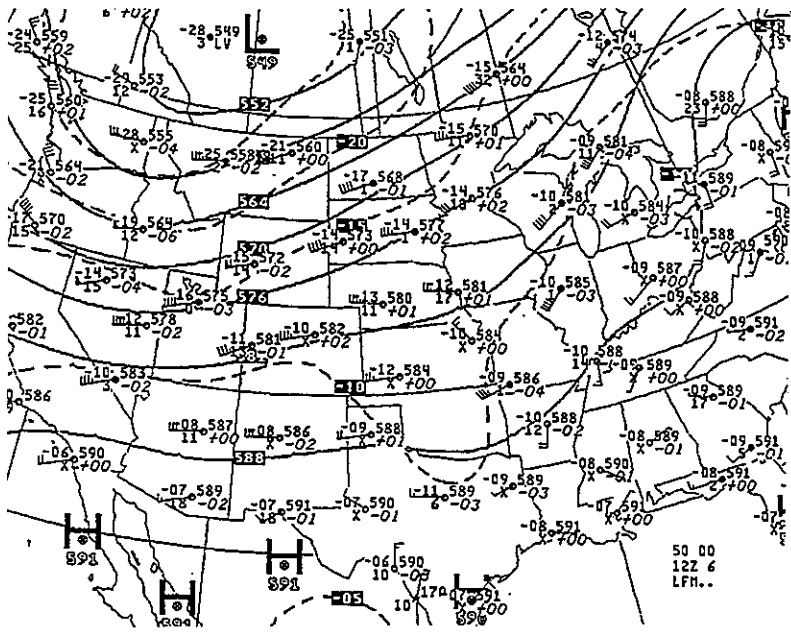


ALL SEVERE REPORTS

SATELLITE 02Z 7 SEPTEMBER



0600CST 09/06/92 - 0600CST 09/07/92



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 09/07/92 - 0600CST 09/08/92

Total Non-Tornadic Reports: 62

Large Hail Reports... 26      Damaging Wind Reports... 36

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	14	4	6	2	0	0	26
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

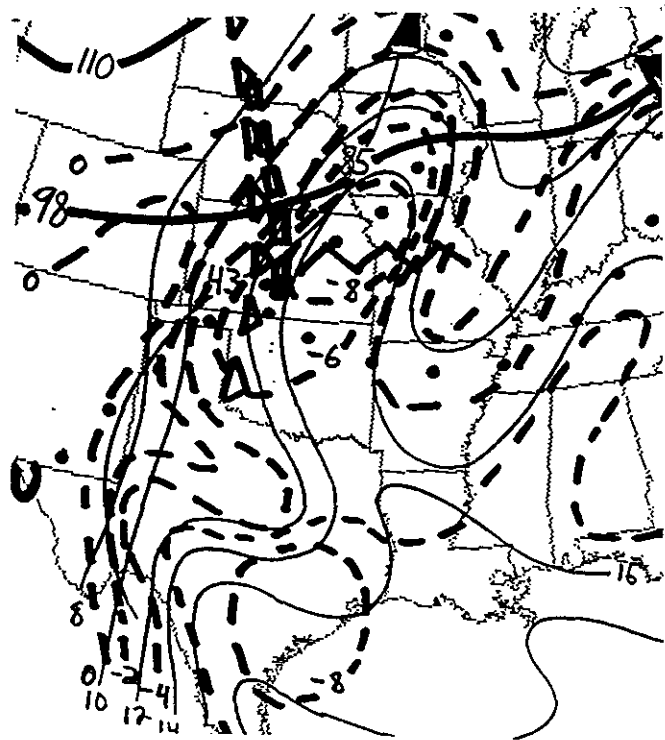
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	25	9	0	2	0	0	36
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

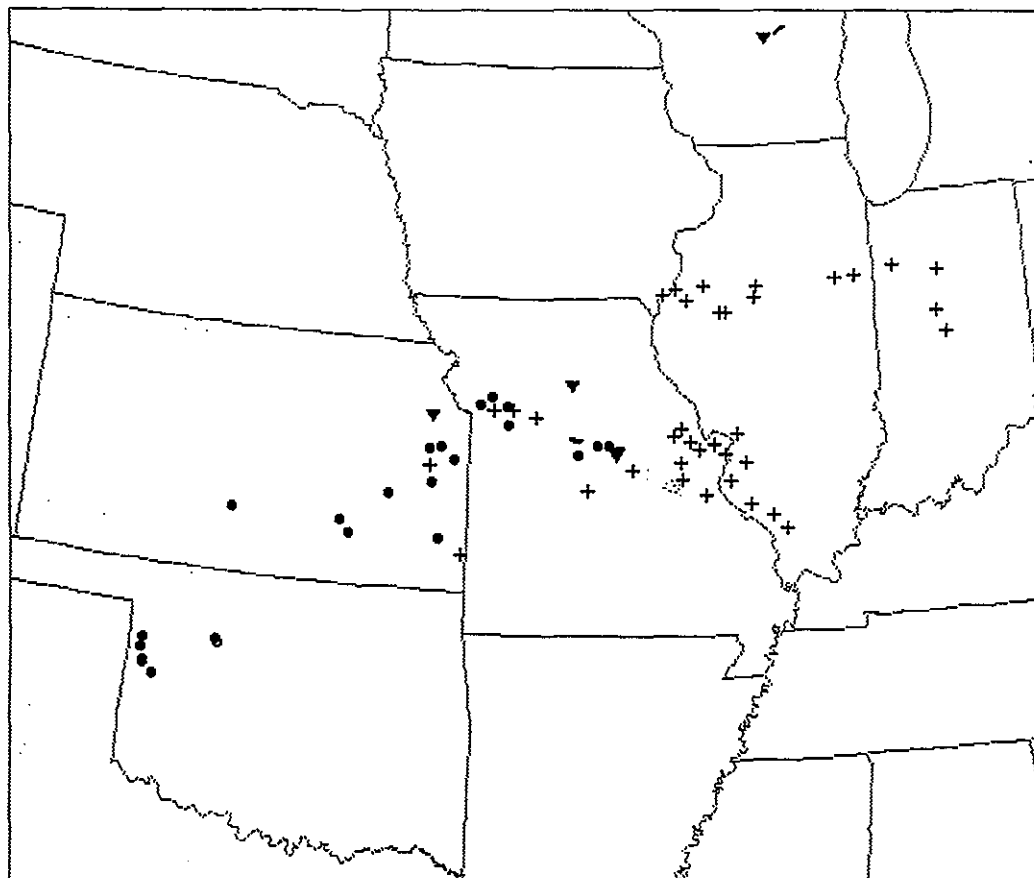
Number of Tornado Segments: 6

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	3	2	1	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 09/07/92 - 0600CST 09/08/92

SEVERE WEAT



MONDAY SEPTEMBER 7TH, 1992

SIGNIFICANT TORNADO EVENTS

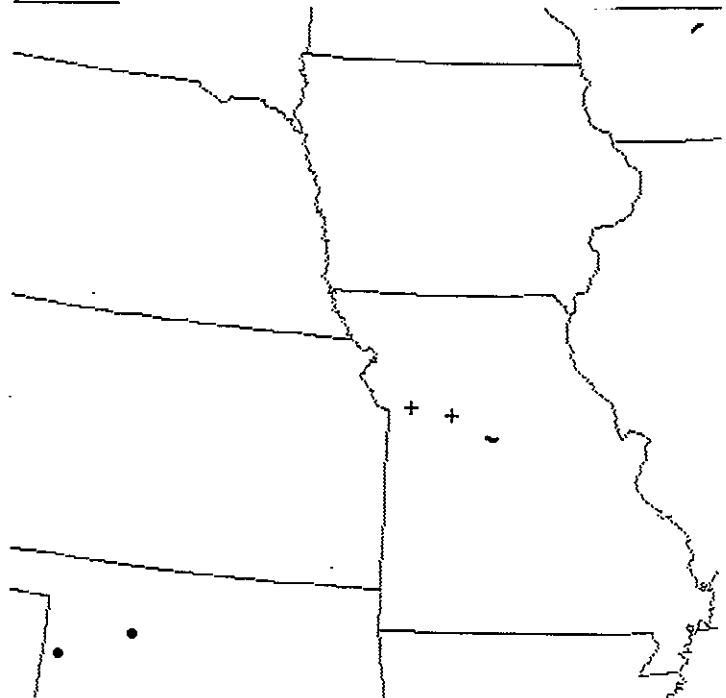
DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
SEP 7	1820	F-2	8.5 400	WI	GREEN LAKE CO.	-	1	1 M
SEP 7	1840	F-2	10.2 60	MO	COOPER..PILOT GROVE	-	-	---
TOTAL						-	1	1 M

SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG	
SEP 7	1955	2.75 INCH	OK	ROGER MILLS..2 N ROLL	-	---	
SEP 7	2120	2.00 INCH	OK	MAJOR..3 S CEDAR SPRINGS	-	---	
TOTAL						-	---

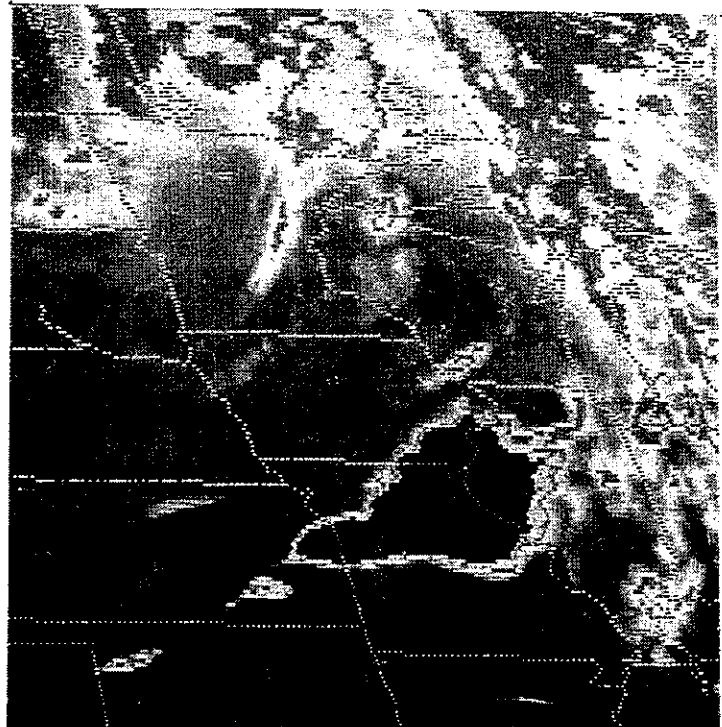
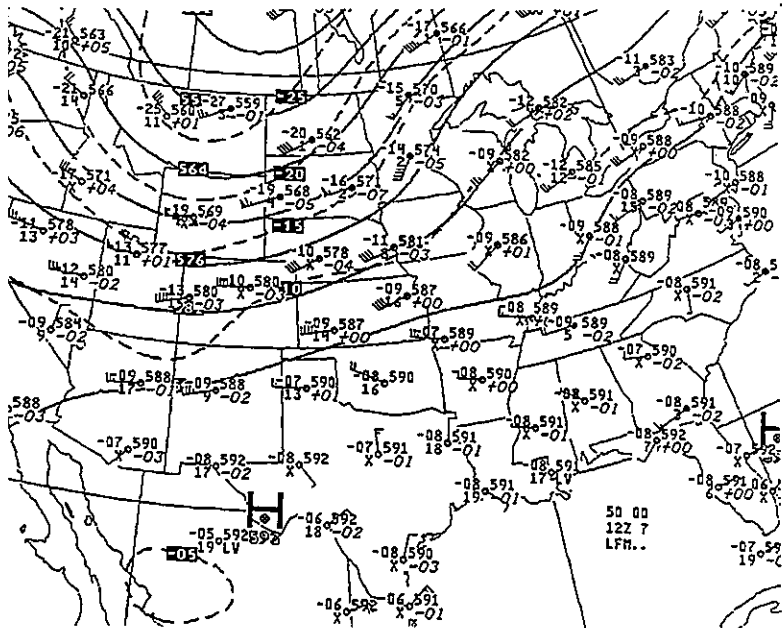
SIGNIFICANT WIND EVENTS

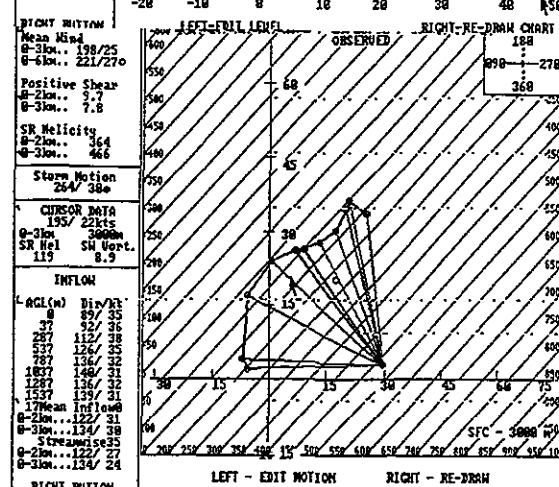
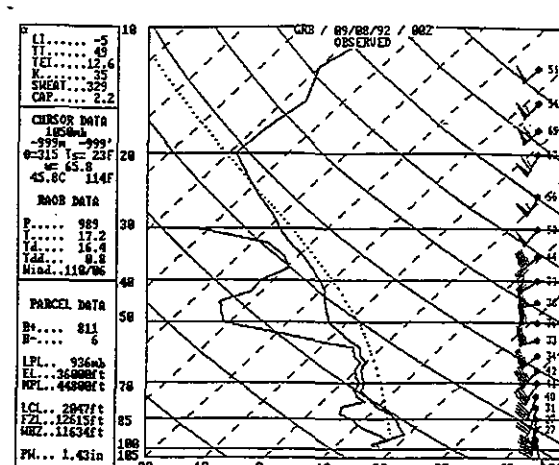
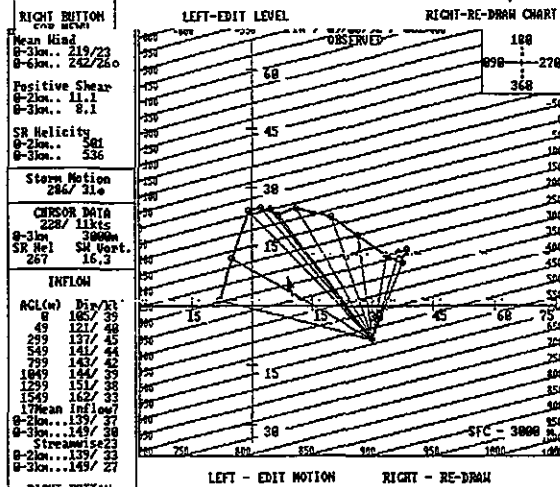
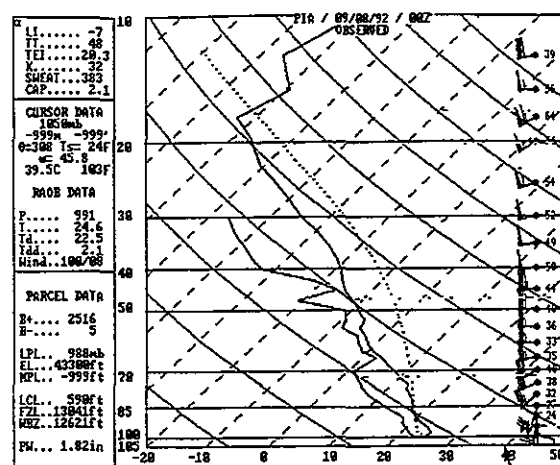
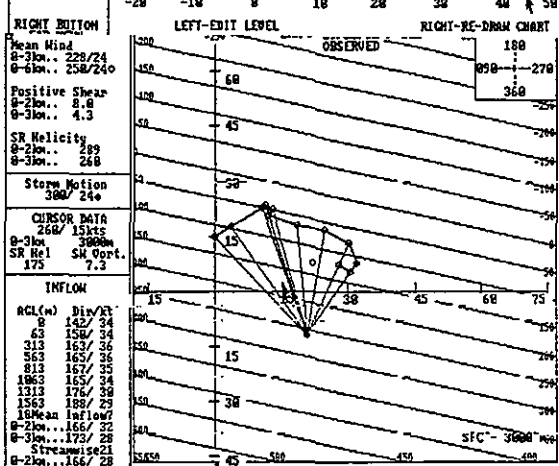
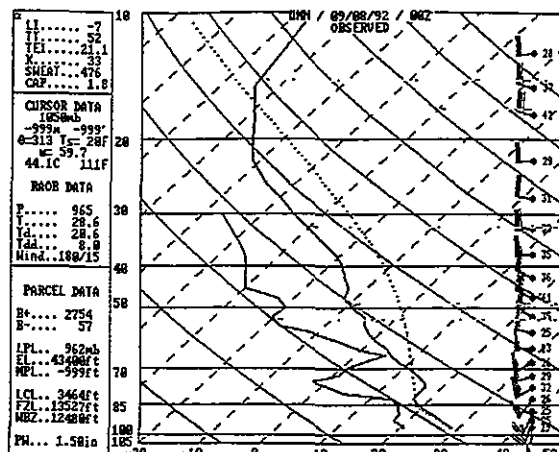
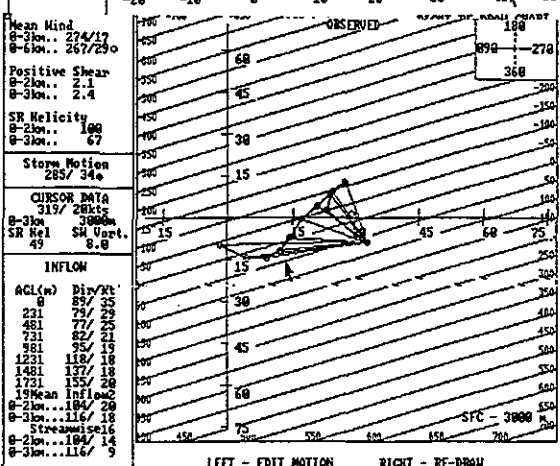
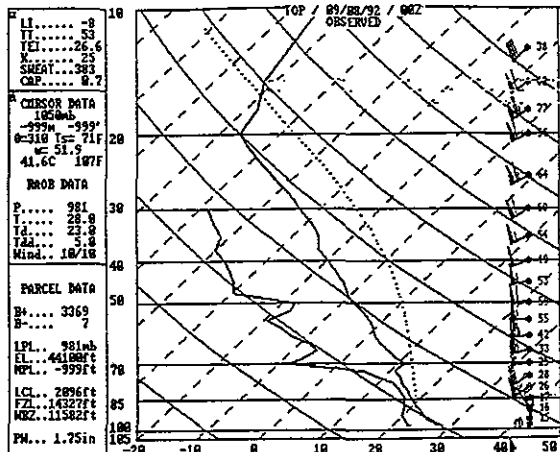
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG	
SEP 7	1540	84 MPH GUST	MO	JACKSON..SIBLEY	-	-	---	
SEP 7	1700	85 MPH GUST	MO	SALINE..BLACKBURN	-	-	---	
TOTAL						-	-	---



500 MB 12Z

SATELLITE 00Z 8 SEPTEMBER





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 09/08/92 - 0600CST 09/09/92

Total Non-Tornadic Reports: 22

Large Hail Reports... 14      Damaging Wind Reports... 8

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	7	3	1	2	0	1	14
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

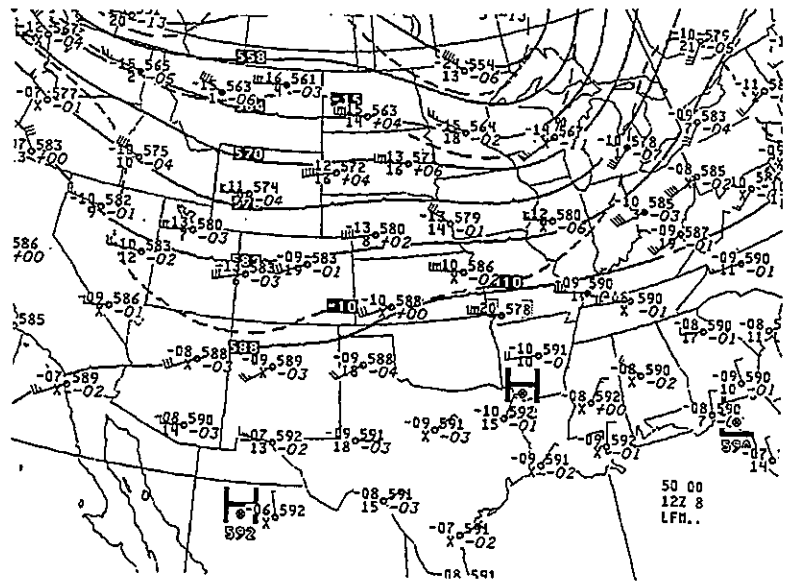
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	3	3	0	1	1	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

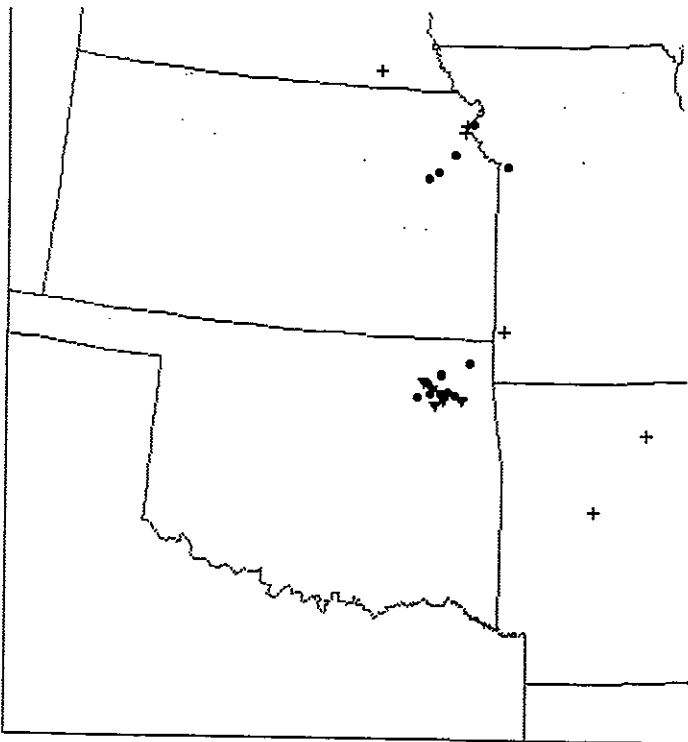
Number of Tornado Segments: 6

TORNADO SEGMENTS

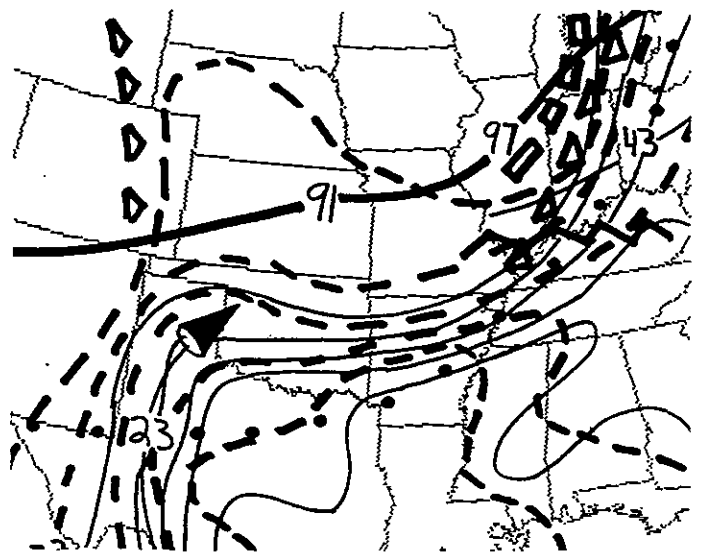
	F0	F1	F2	F3	F4	F5	TOT
Segments	6	0	0	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



COMPOSITE MAP 12Z



0600CST 09/08/92 - 0600CST 09/09/92

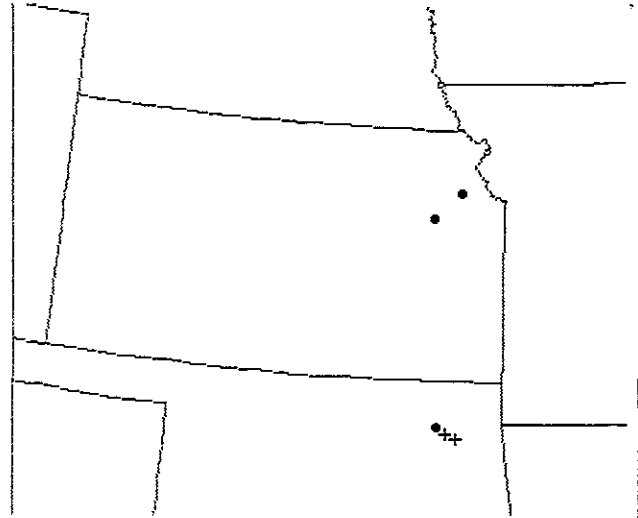
TUESDAY SEPTEMBER 8TH, 1992

**SIGNIFICANT HAIL EVENTS**

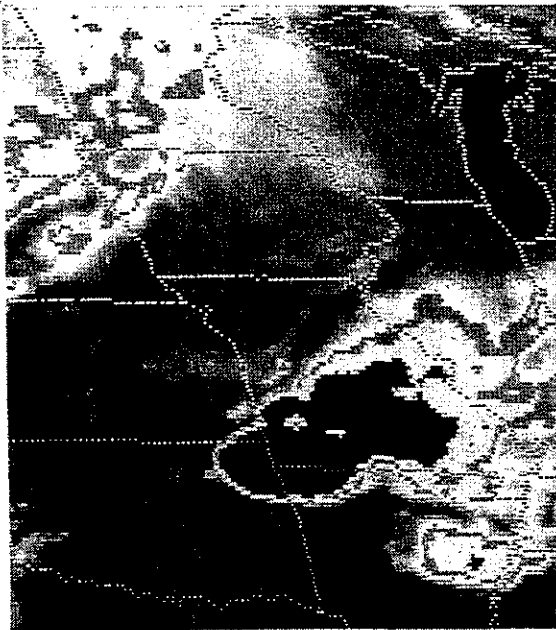
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
SEP 8	1840	2.75 INCH	OK	ROGERS...	W FOYILL	-	---
SEP 9	0040	2.00 INCH	KS	SHAWNEE..	2 E AUBURN	-	---
SEP 9	0125	4.00 INCH	KS	JEFFERSON..	OSKALOOSA	-	---
<b>3 TOTAL</b>						-	---

**SIGNIFICANT WIND EVENTS**

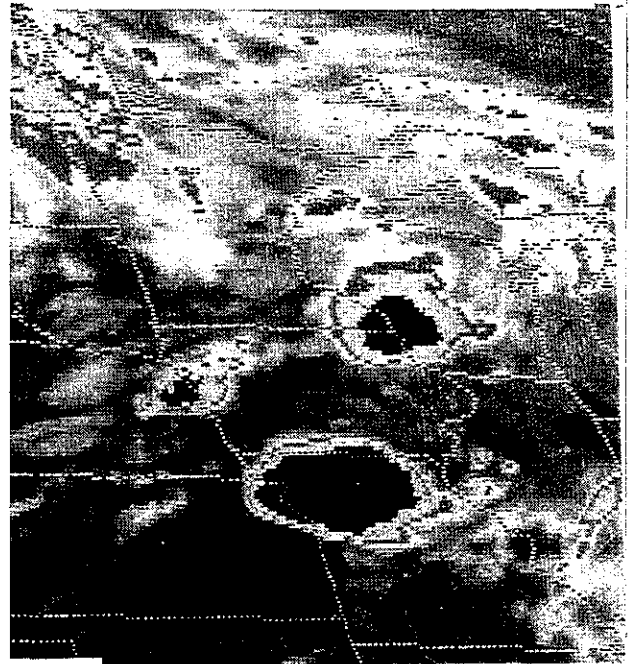
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
SEP 8	1825	100 MPH GUST	OK	ROGERS..	6 ENE CLAREMORE	-	-	---
SEP 8	1921	81 MPH GUST	OK	MAYES..	1 W PRYOR	-	-	---
<b>2 TOTAL</b>						-	-	---



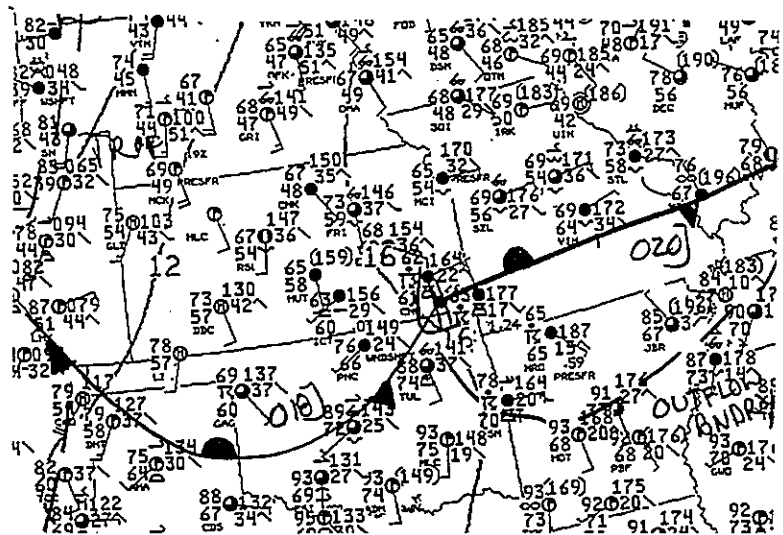
SATELLITE 01Z 9 SEPTEMBER



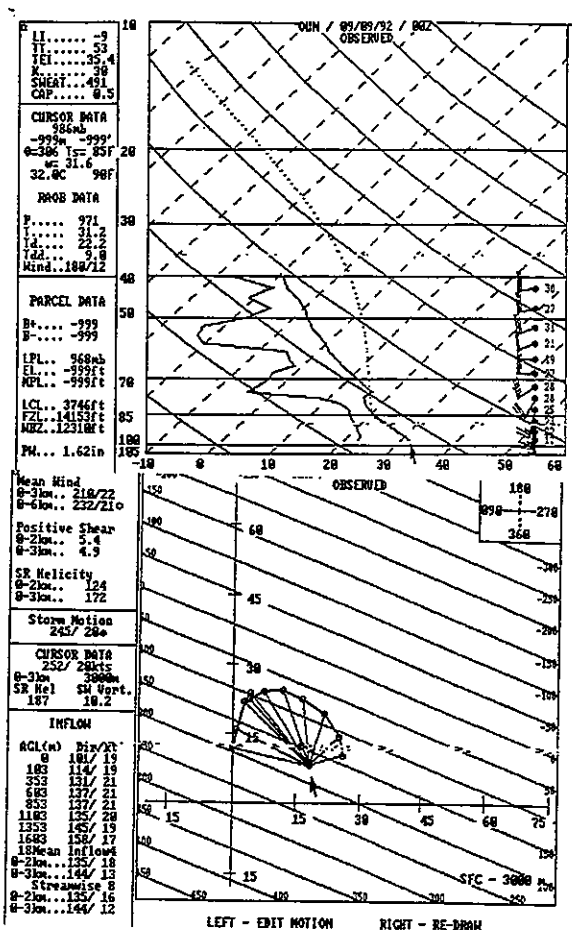
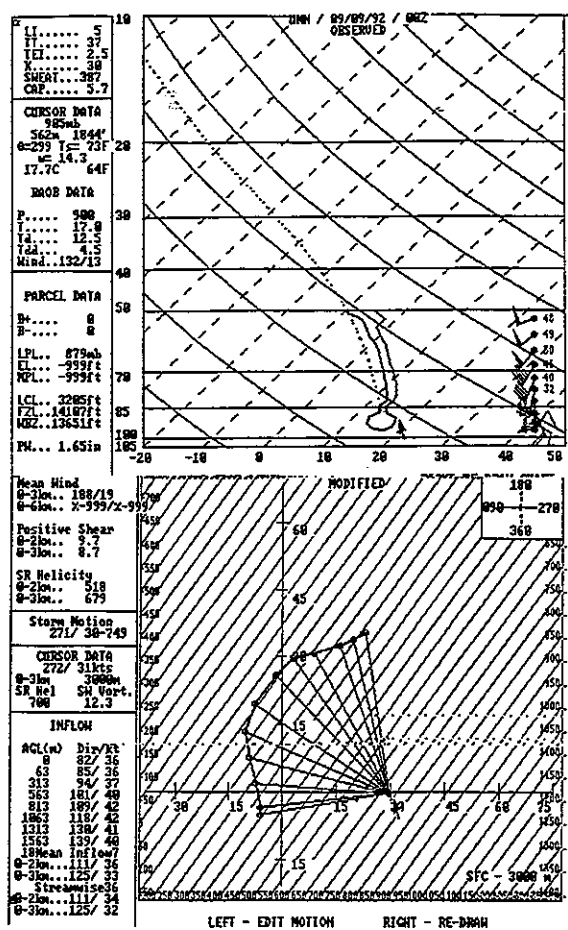
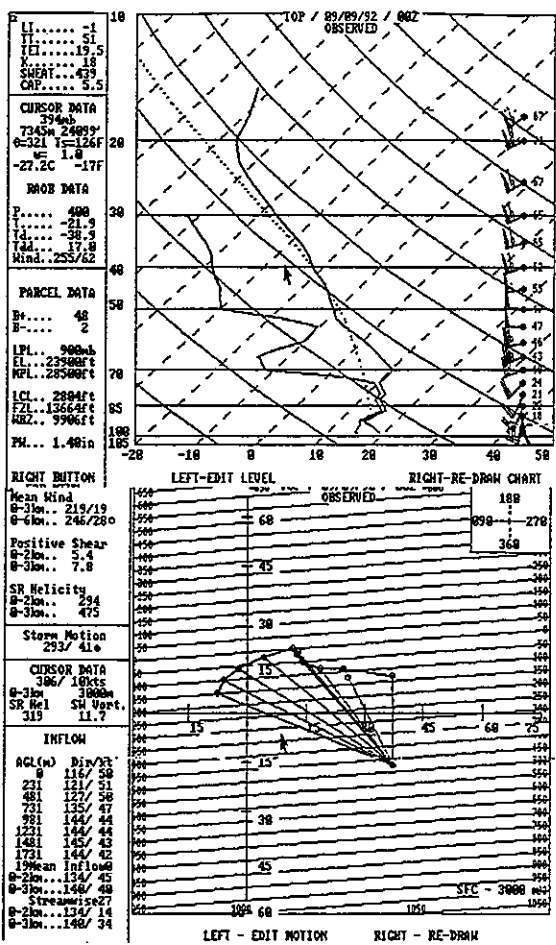
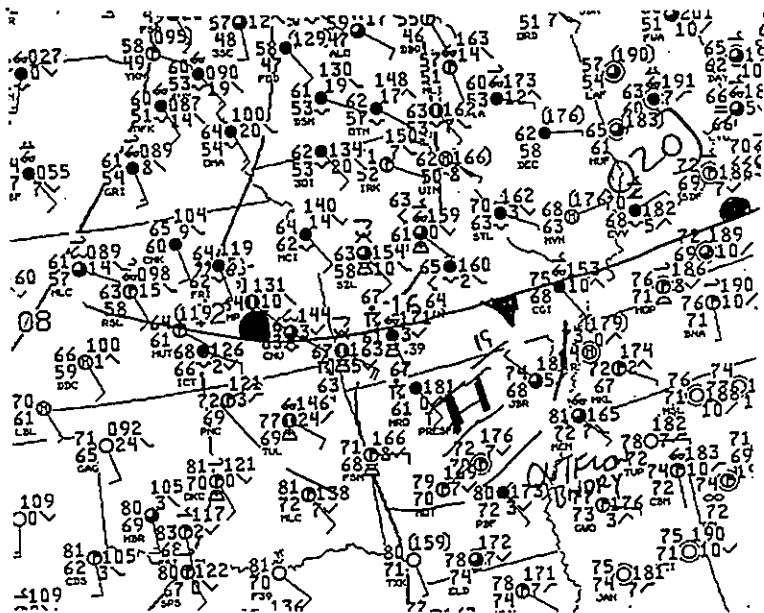
SATELLITE 0730Z 9 SEPTEMBER



SURFACE MAP 21Z



SURFACE MAP 03Z

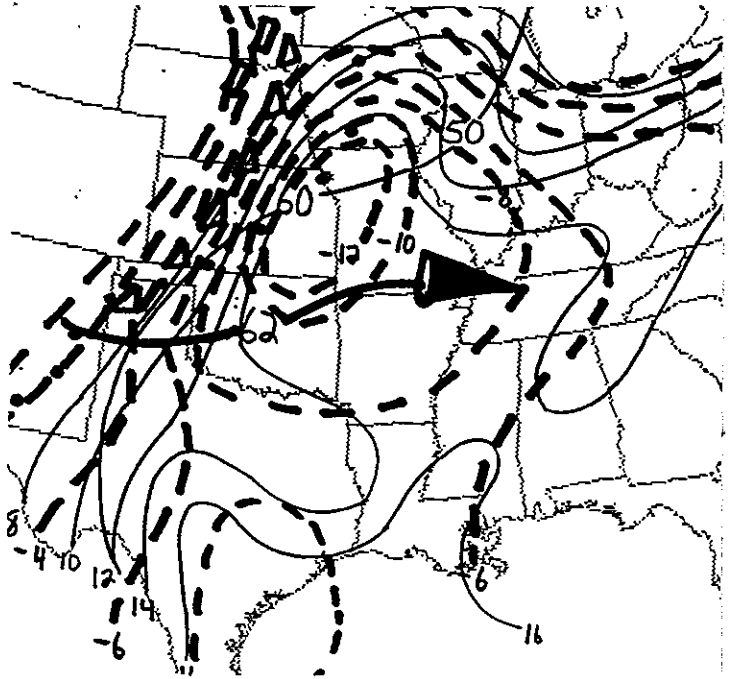


National Severe Storms Forecast Center  
 Severe Thunderstorm and Tornado Database  
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0600CST 09/09/92 - 0600CST 09/10/92

Total Non-Tornadic Reports: 193

Large Hail Reports... 84      Damaging Wind Reports... 109



LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	54	13	15	2	0	0	84
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

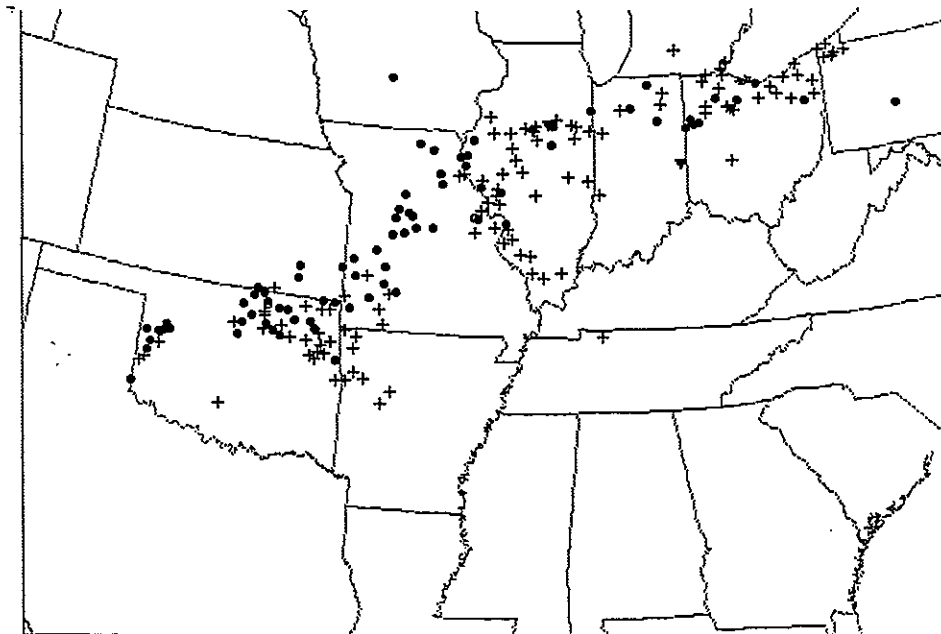
	WNDG	50	60	70	80	90	TOT
Wind	75	28	5	1	0	0	109
Fatalities	1	0	0	0	0	0	1
Injuries	3	0	0	0	0	0	3

Number of Tornado Segments: 4

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	3	1	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

ALL SEVERE REPORTS



0600CST 09/09/92 - 0600CST 09/10/92

SEVERE WEATH

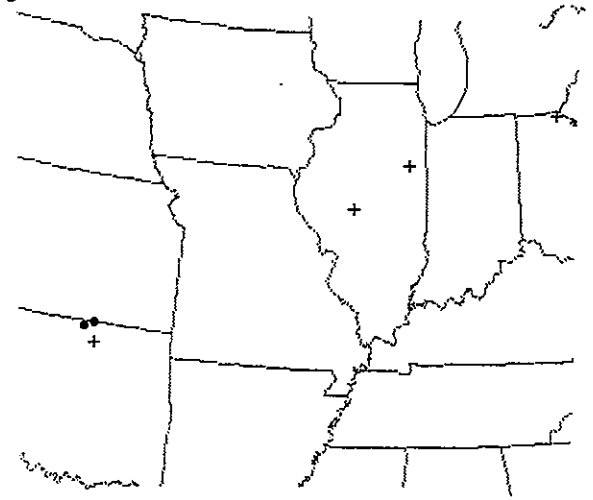
WEDNESDAY SEPTEMBER 9TH, 1992

SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
SEP 9	1745	2.75 INCH	OK	KAY..	HARDY	-	---
SEP 9	1757	2.75 INCH	OK	KAY..	NEWKIRK	-	---
<b>2 TOTAL</b>						-	---

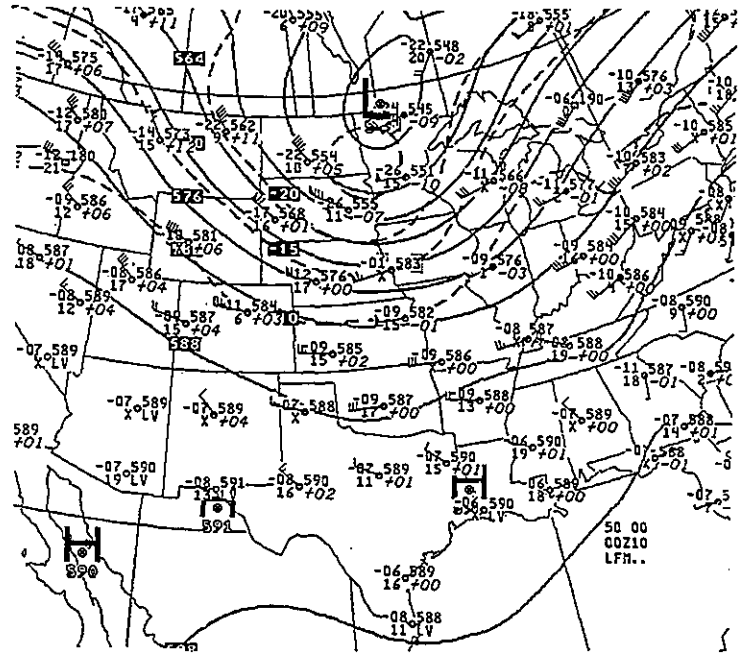
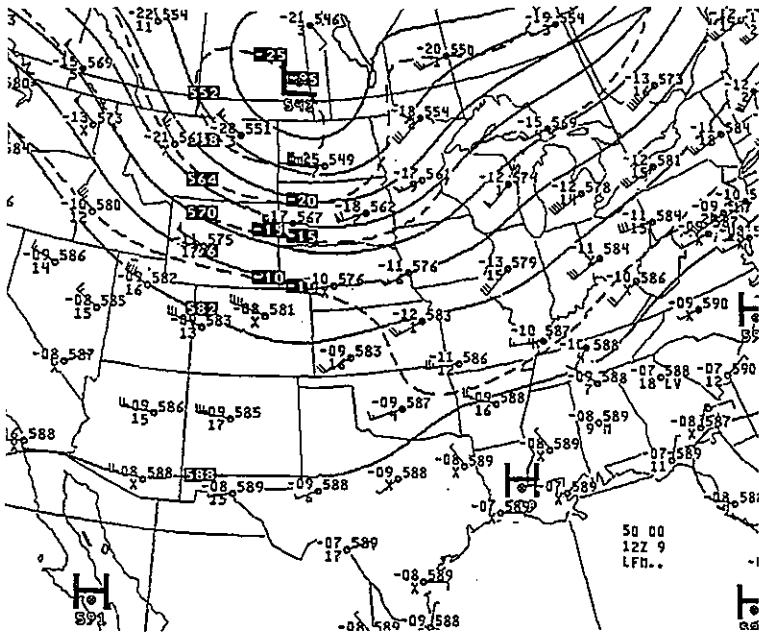
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
SEP 9	1739	WIND DAMAGE	IL	IROQUOIS..	ONARGA	-	2	---
SEP 9	1740	WIND DAMAGE	IL	SANGAMON..	SPRINGFIELD	-	1	---
SEP 9	1935	81 MPH GUST	OK	OSAGE..	FAIRFAX	-	-	---
SEP 9	2000	WIND DAMAGE	OH	LUCAS..	TOLEDO	1	-	1 M
<b>4 TOTAL</b>						1	3	1 M

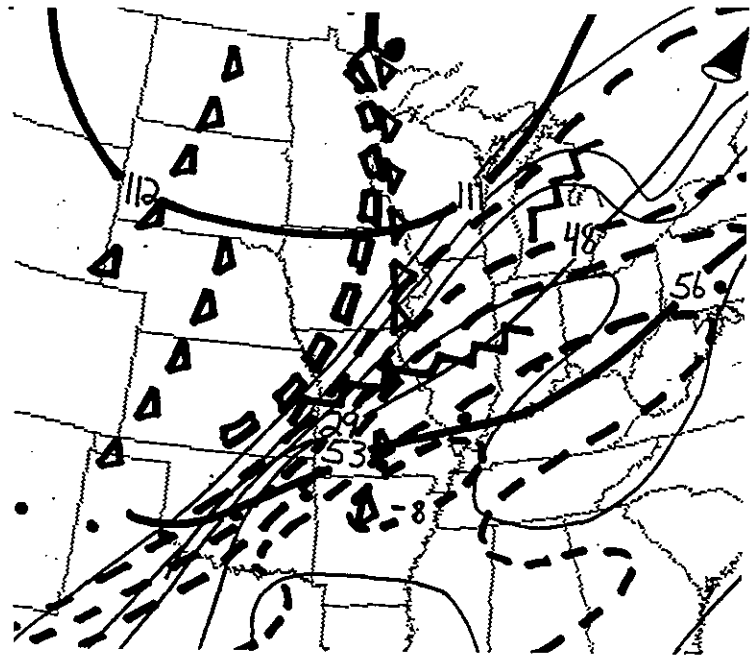


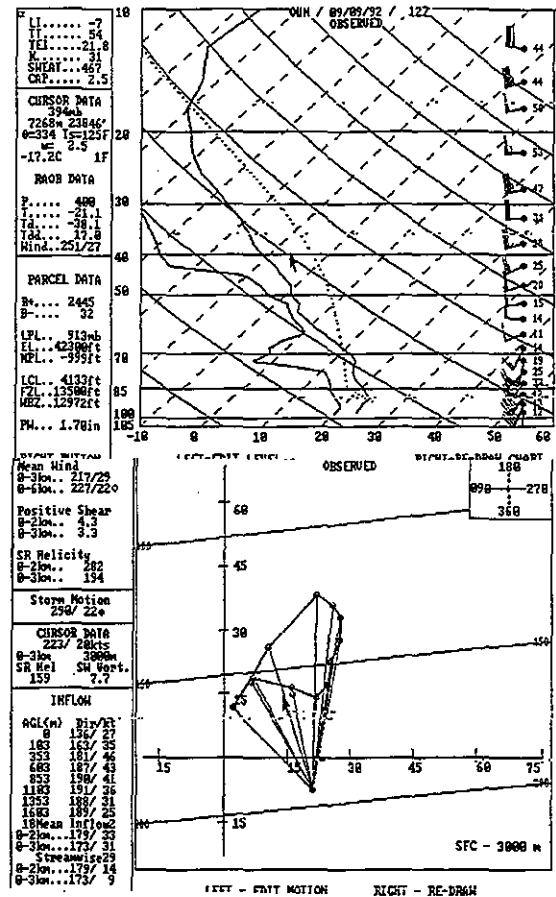
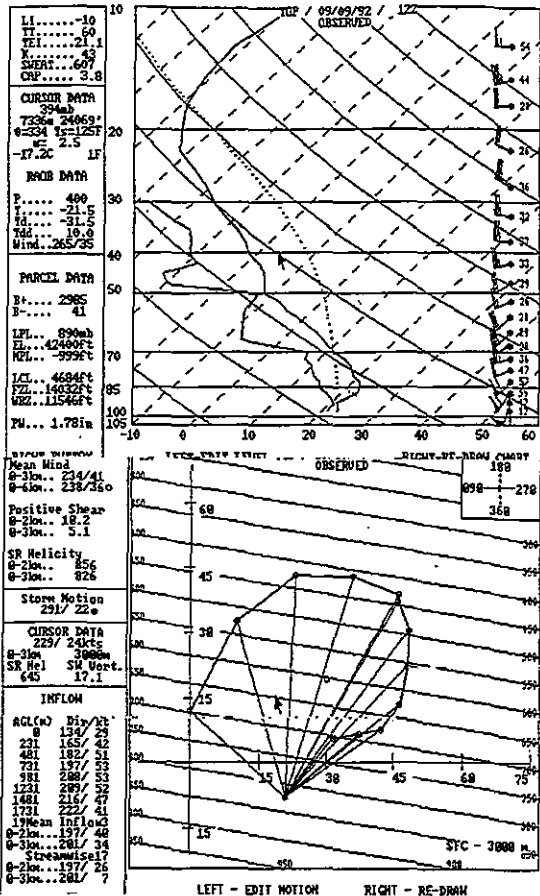
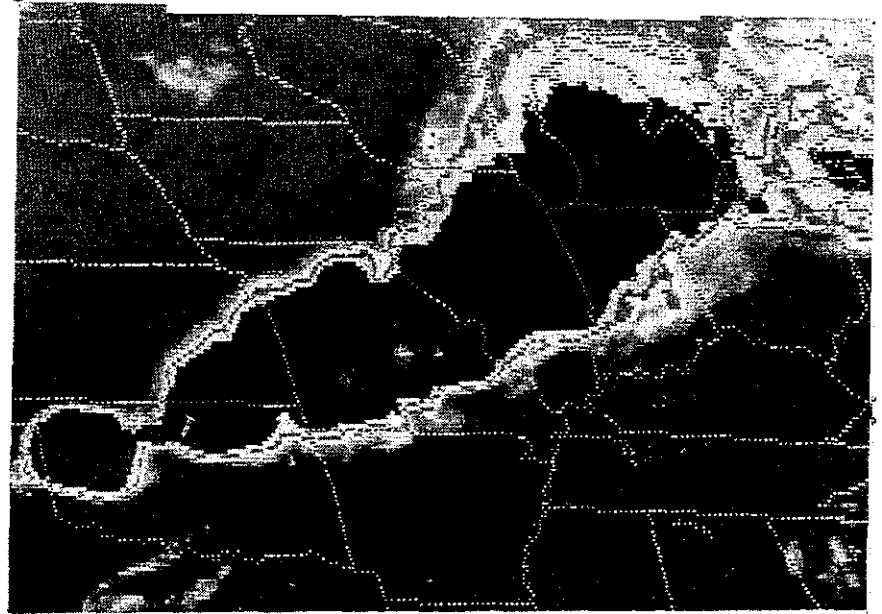
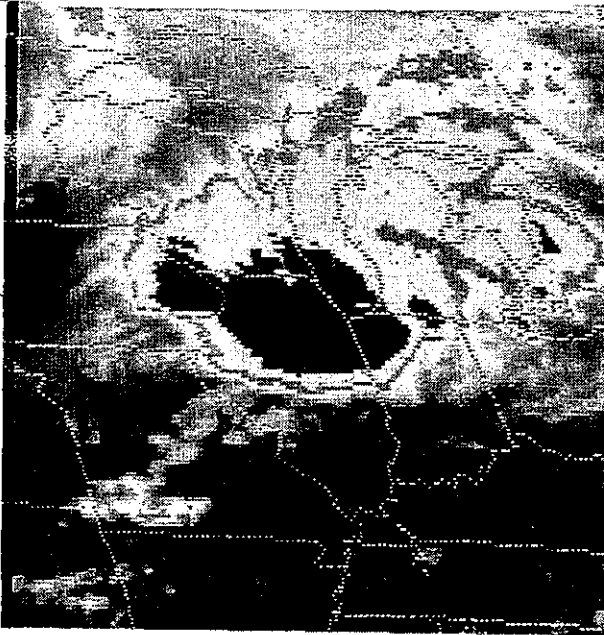
500 MB 12Z

500 MB 00Z

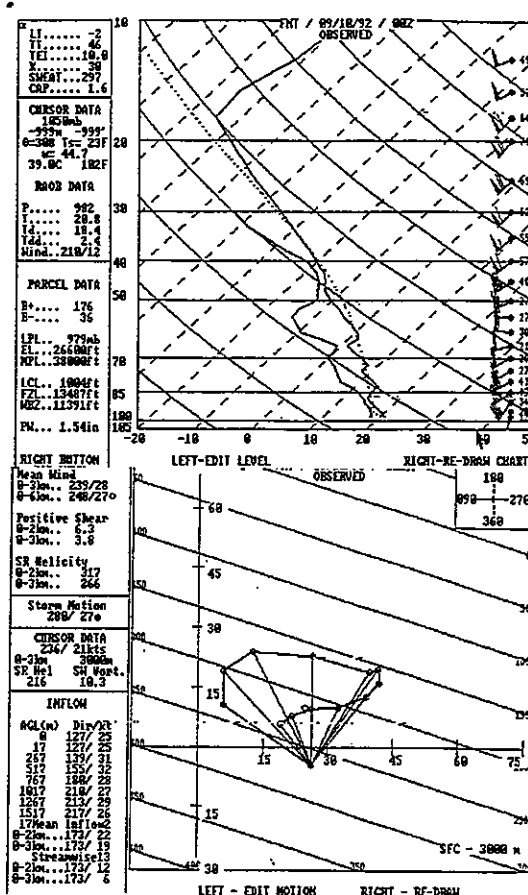
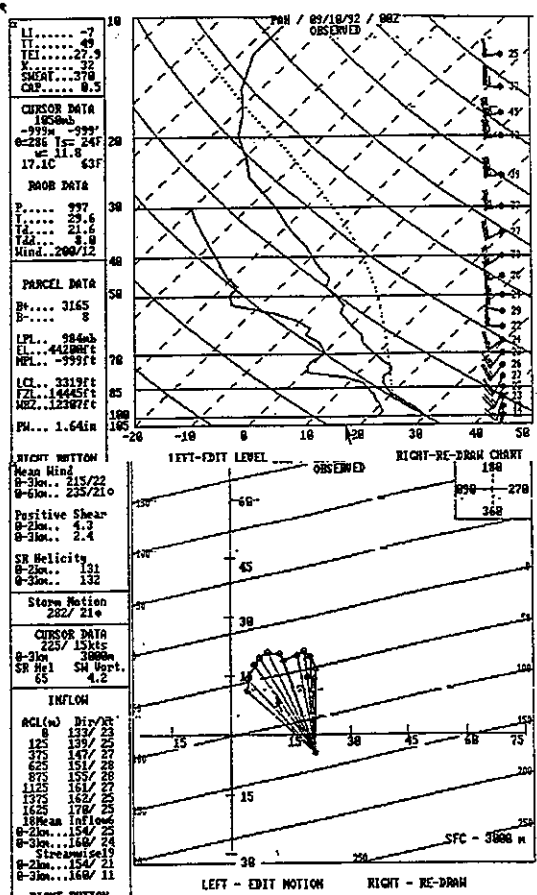
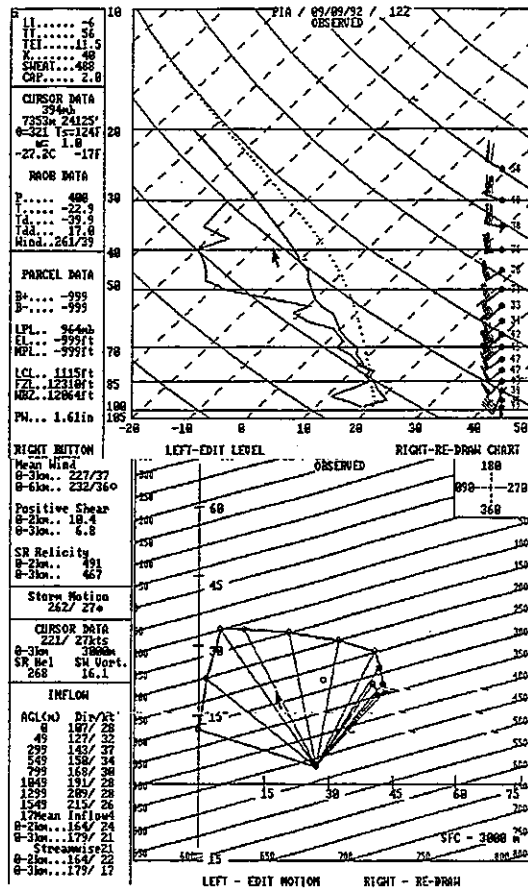
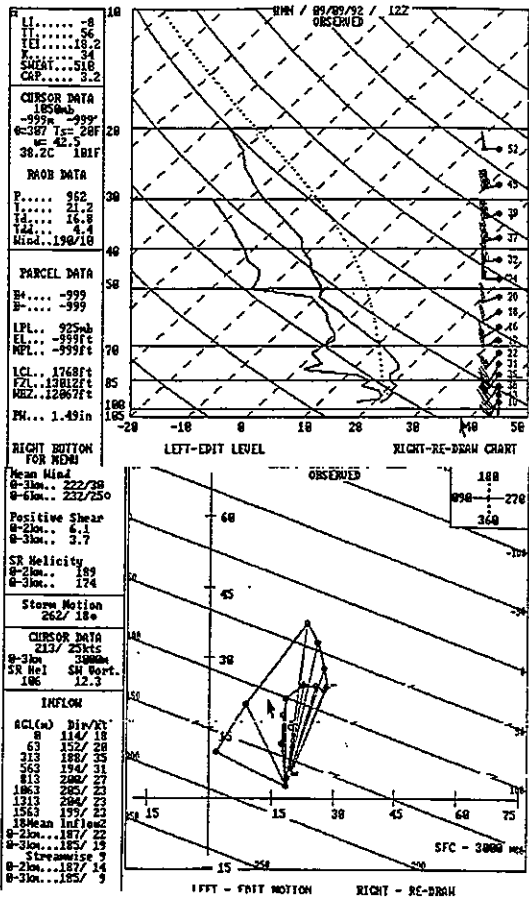


COMPOSITE MAP 00Z









# CASE NO. 39

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
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National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
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0600CST 09/10/92 - 0600CST 09/11/92

0600CST 09/10/92 - 0600CST 09/11/92

Total Non-Tornadic Reports: 8

Total Non-Tornadic Reports: 56

Large Hail Reports... 4      Damaging Wind Reports... 4

Large Hail Reports... 3      Damaging Wind Reports... 53

**LARGE HAIL**

	075	100	150	200	300	400	TOT
Hail	3	0	1	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**LARGE HAIL**

	075	100	150	200	300	400	TOT
Hail	0	3	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**DAMAGING WIND**

	WNDG	50	60	70	80	90	TOT
Wind	3	1	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**DAMAGING WIND**

	WNDG	50	60	70	80	90	TOT
Wind	53	0	0	0	0	0	53
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

Number of Tornado Segments: 0

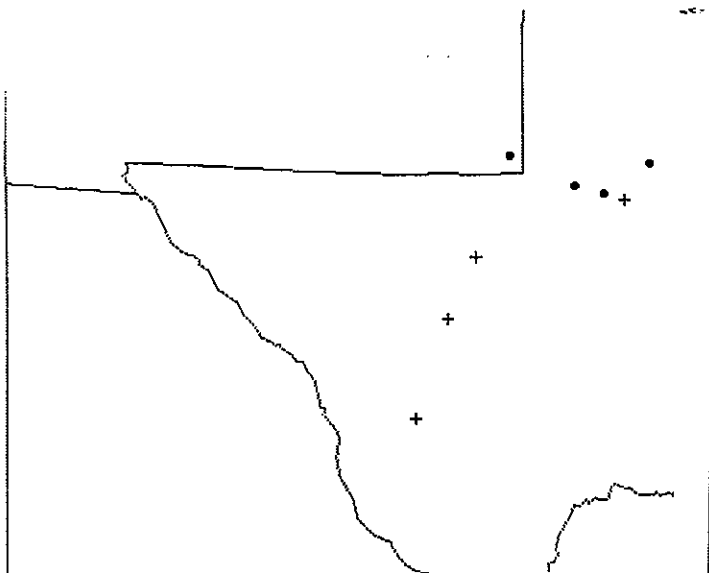
**TORNADO SEGMENTS**

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**TORNADO SEGMENTS**

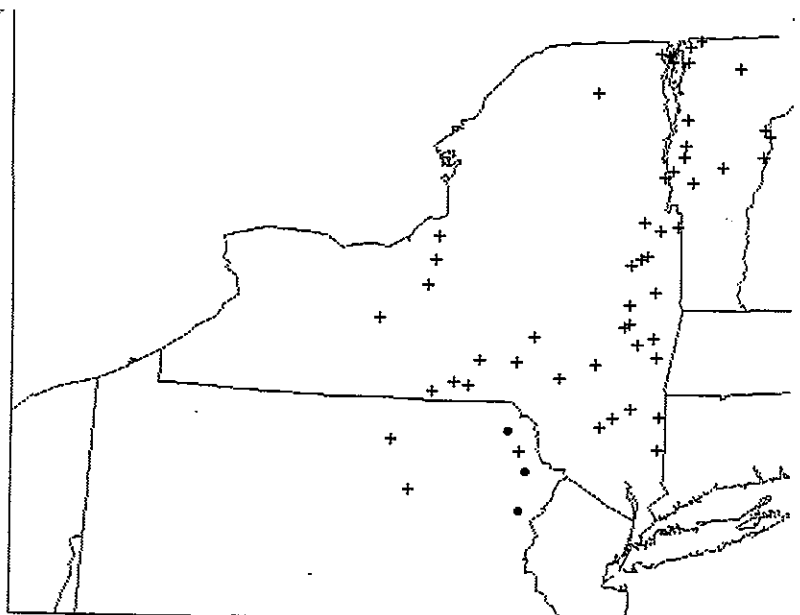
	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

**ALL SEVERE REPORTS**



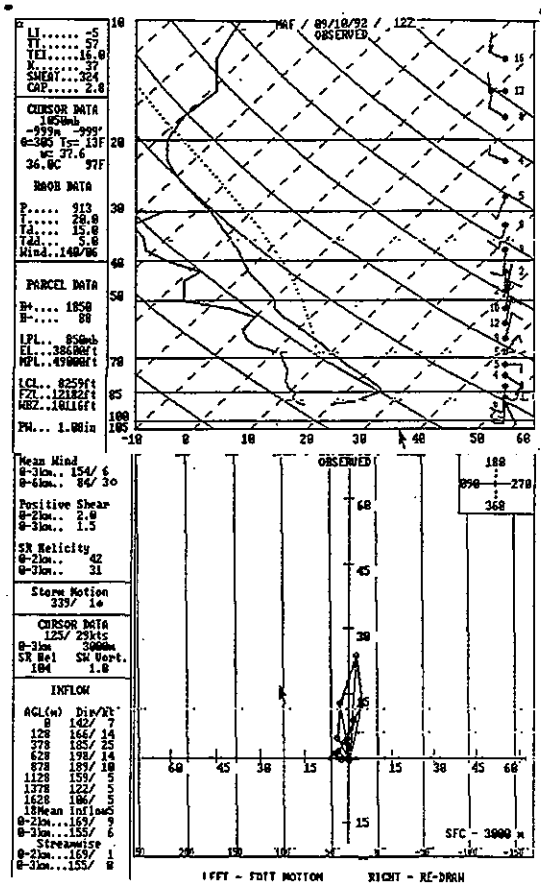
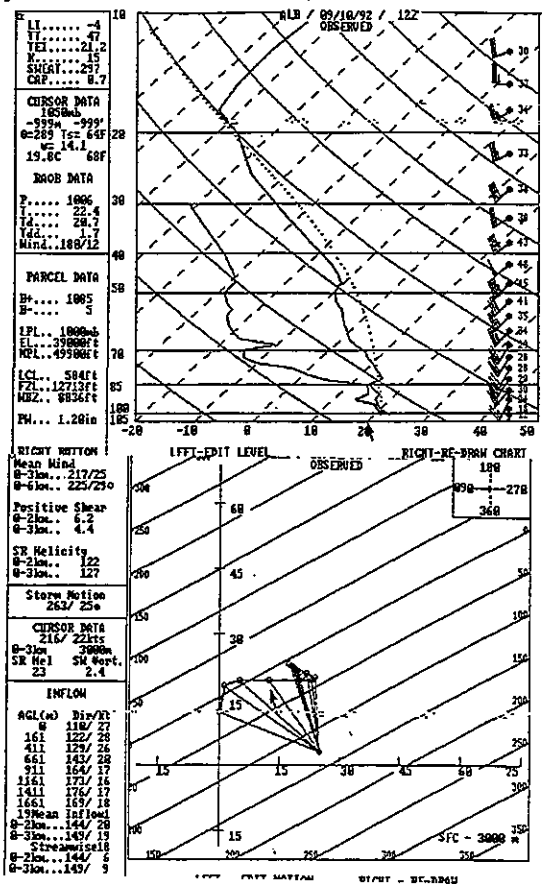
0600CST 09/10/92 - 0600CST 09/11/92

**ALL SEVERE REPORTS**

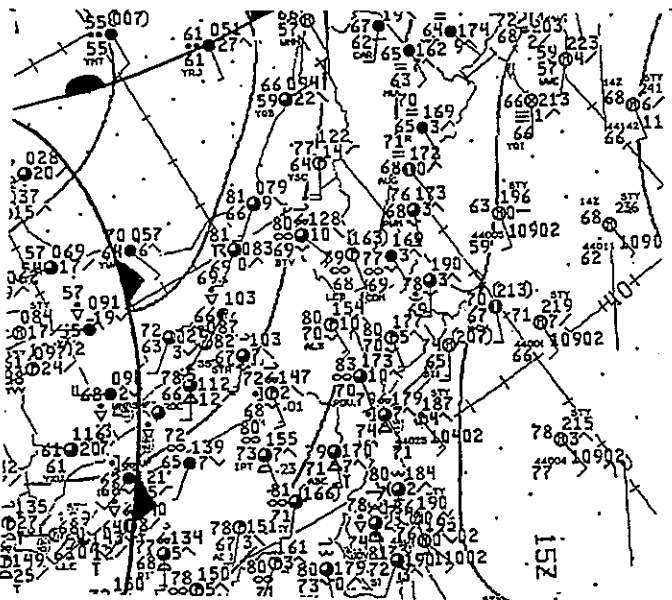


0600CST 09/10/92 - 0600CST 09/11/92

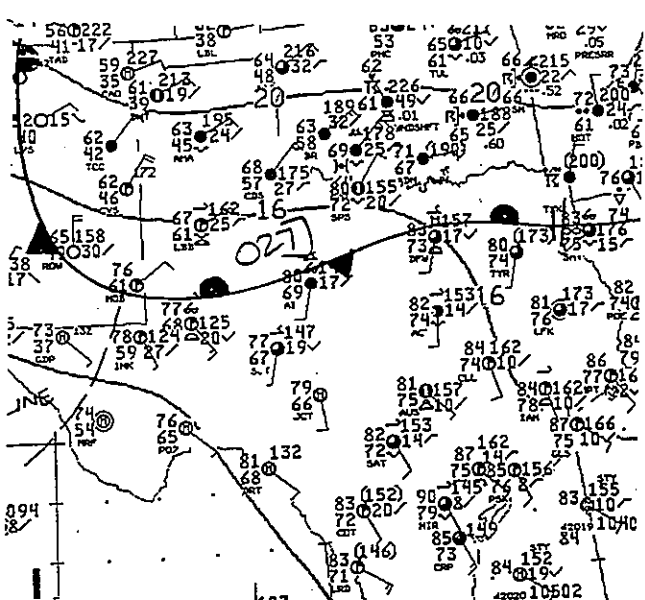
SEVE

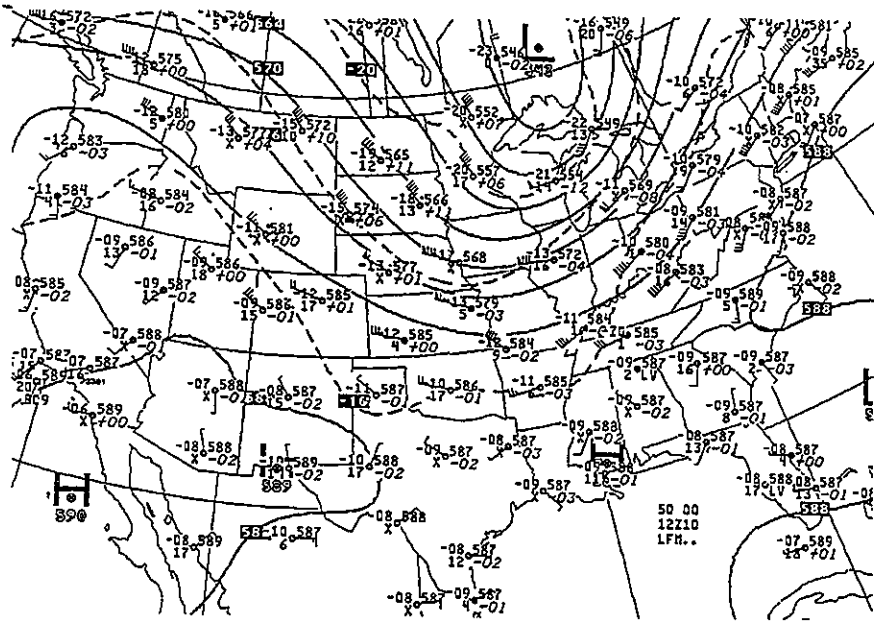


SURFACE MAP 15Z

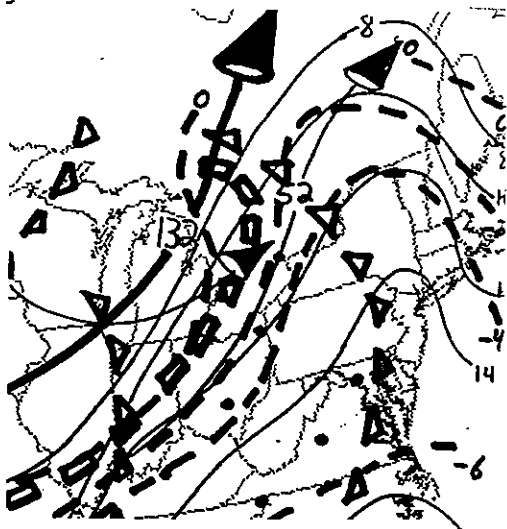


SURFACE MAP 15Z

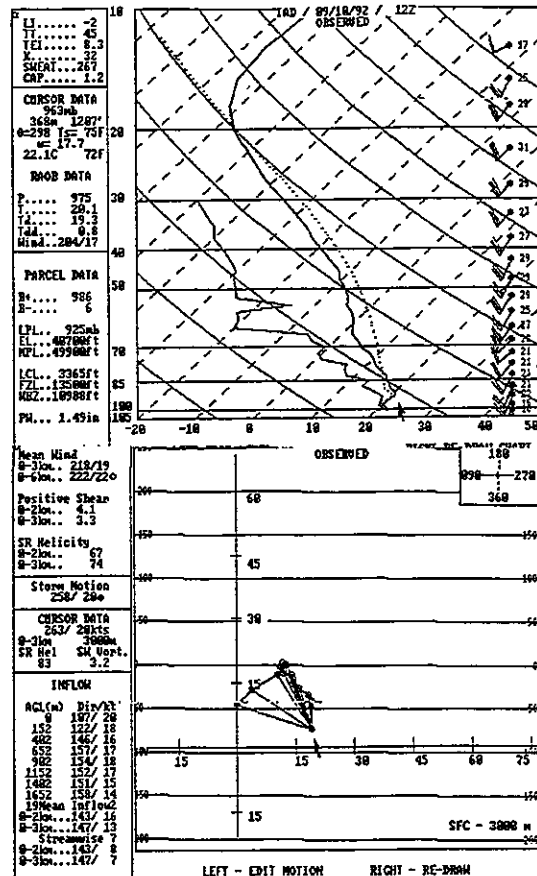
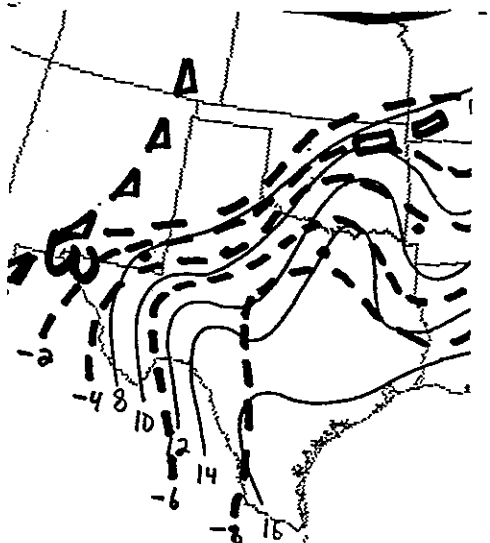




COMPOSITE MAP 12Z



COMPOSITE MAP 12Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
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0600CST 09/16/92 - 0600CST 09/17/92

Total Non-Tornadic Reports: 18

Large Hail Reports... 8 Damaging Wind Reports... 10

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	4	1	3	0	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

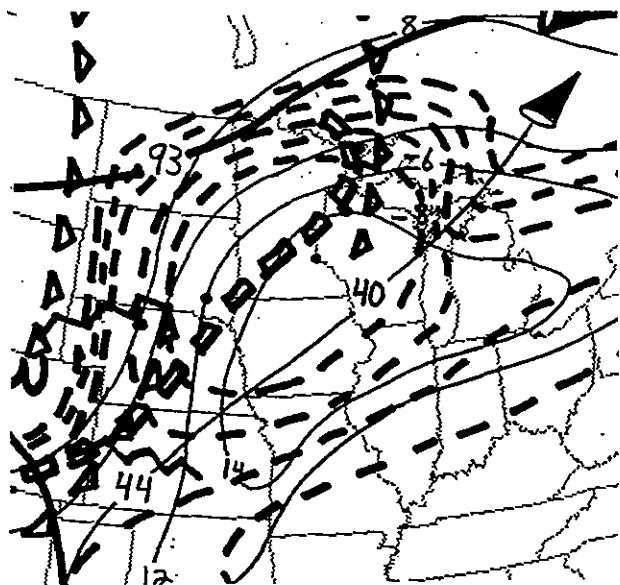
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	9	1	0	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

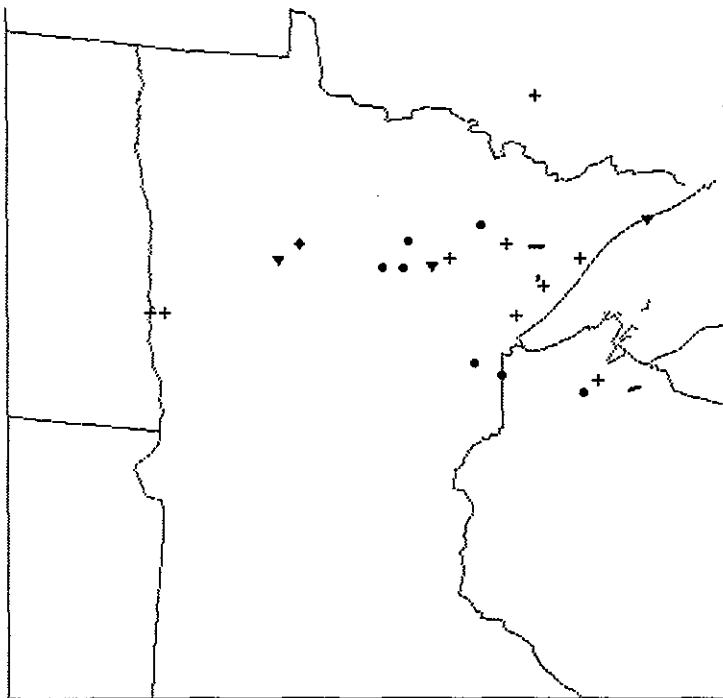
Number of Tornado Segments: 6

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	6	0	0	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

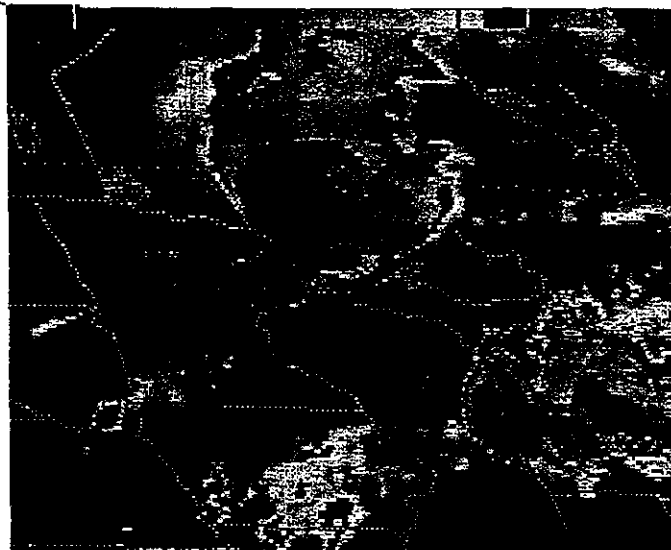


ALL SEVERE REPORTS

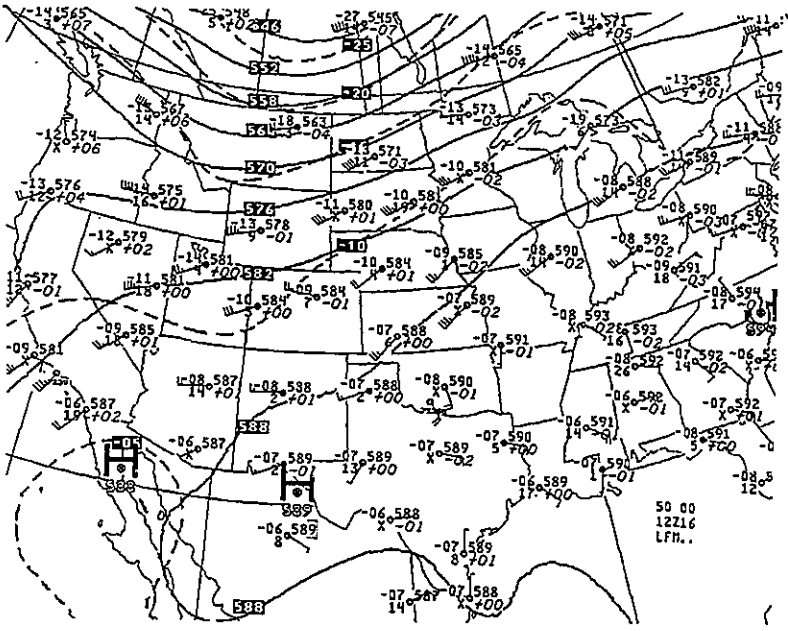


0600CST 09/16/92 - 0600CST 09/17/92

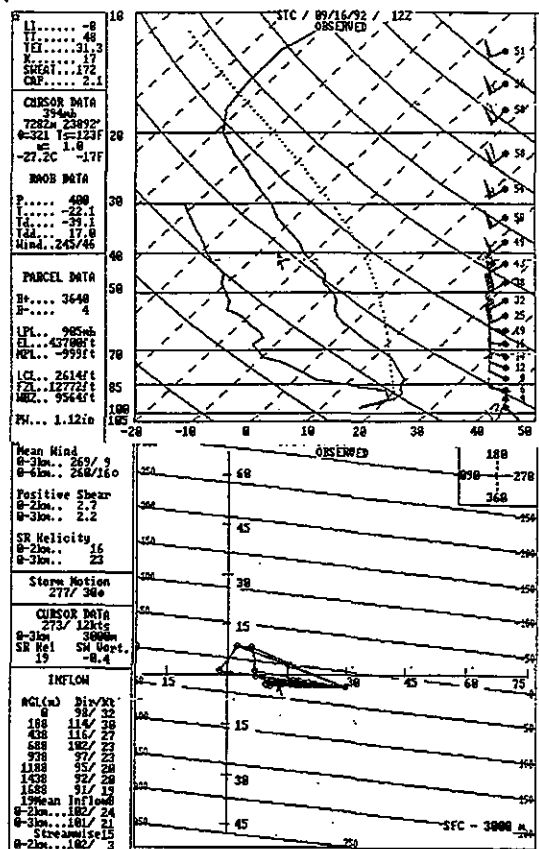
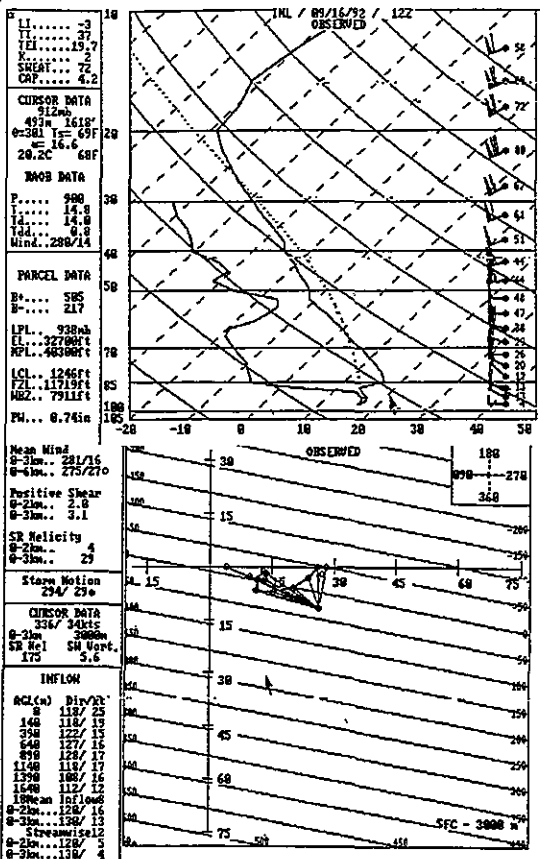
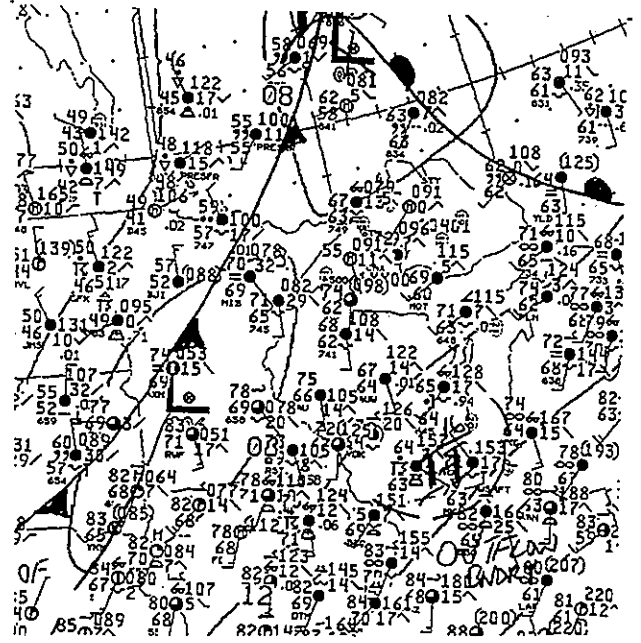
SATELLITE 23Z 16 SEPTEMBER



500 MB 12Z



SURFACE MAP 18Z

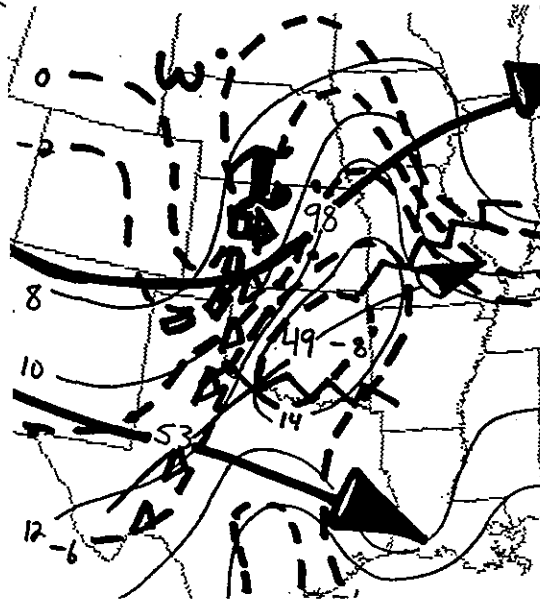


National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 09/20/92 - 0600CST 09/21/92

Total Non-Tornadic Reports: 37

Large Hail Reports... 3      Damaging Wind Reports... 34



LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	2	1	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

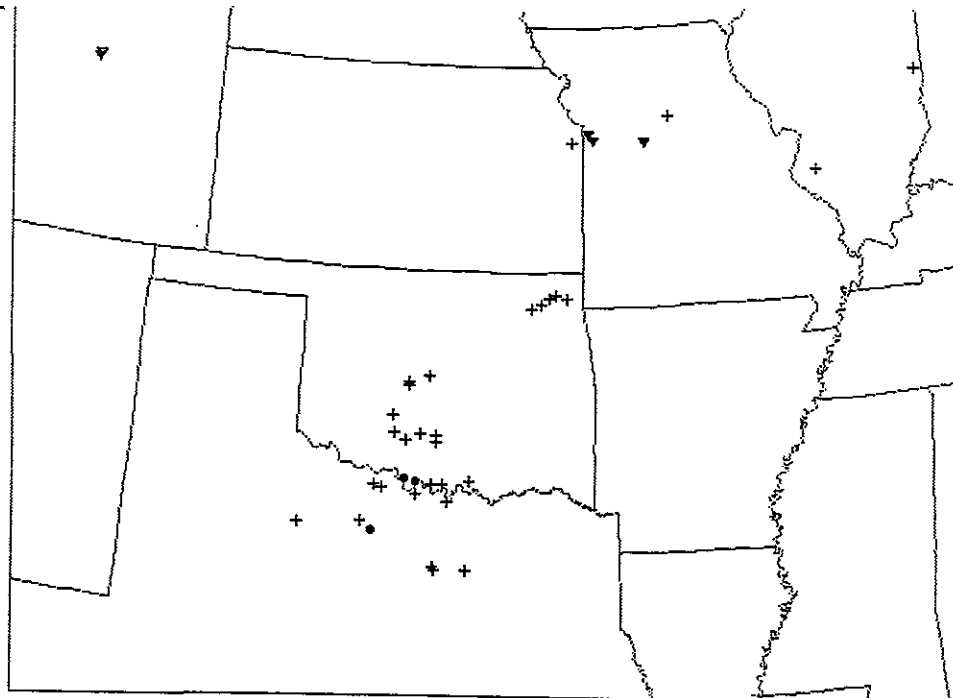
	WNDG	50	60	70	80	90	TOT
Wind	13	17	4	0	0	0	34
Fatalities	0	0	0	0	0	0	0
Injuries	0	2	0	0	0	0	2

Number of Tornado Segments: 5

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	3	2	0	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	1	0	0	0	0	1

ALL SEVERE REPORTS



0600CST 09/20/92 - 0600CST 09/21/92

SEVERE WEATHER REP

SUNDAY SEPTEMBER 20TH, 1992

**SIGNIFICANT TORNADO EVENTS**

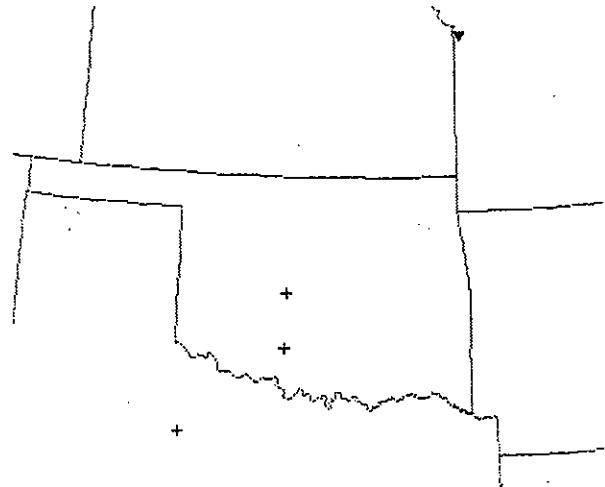
DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
SEP 20	1755	F-1	2.0 100	MO	JACKSON..RAYTOWN	-	1	---

1 TOTAL - 1 ---

**SIGNIFICANT WIND EVENTS**

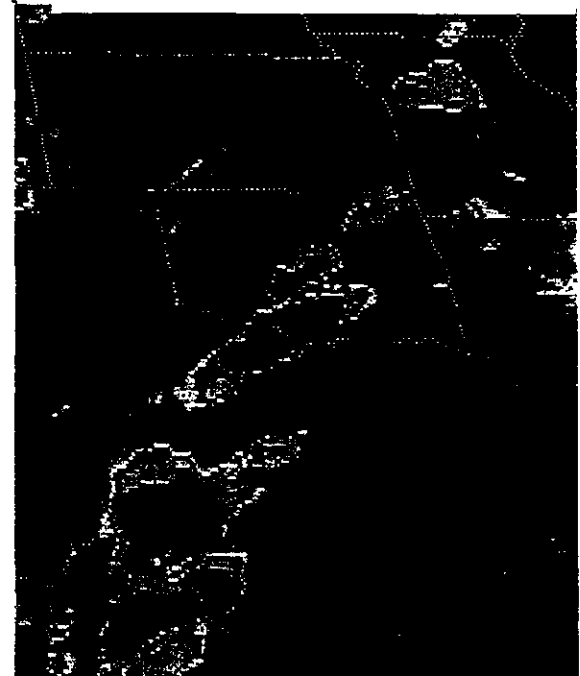
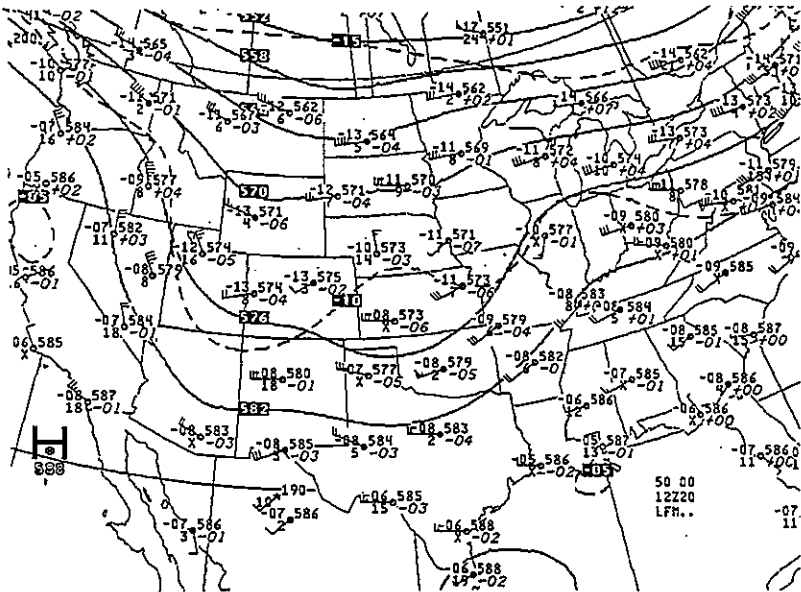
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
SEP 20	1720	64 MPH GUST	TX	HASKELL..	ROCHESTER	-	2	---
SEP 20	1833	75 MPH GUST	OK	STEPHEN..	2 N DUNCAN	-	-	---
SEP 20	1942	75 MPH GUST	OK	GRADY..	1 N MINCO	-	-	---

3 TOTAL - 2 ---

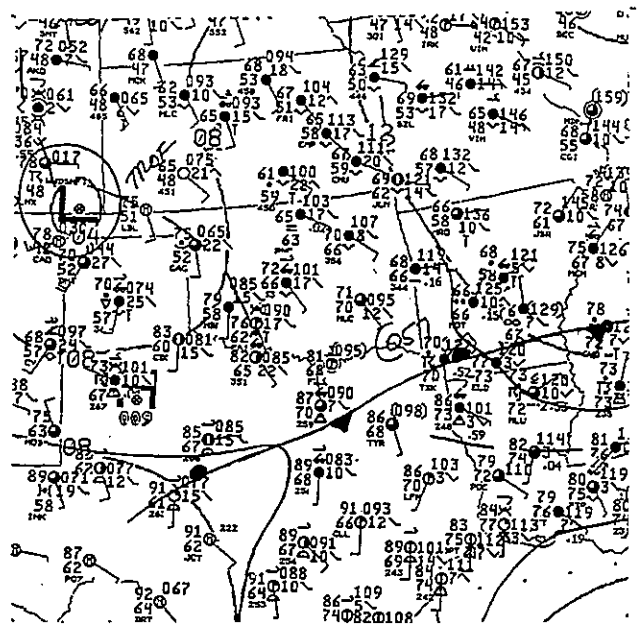


500 MB 12Z

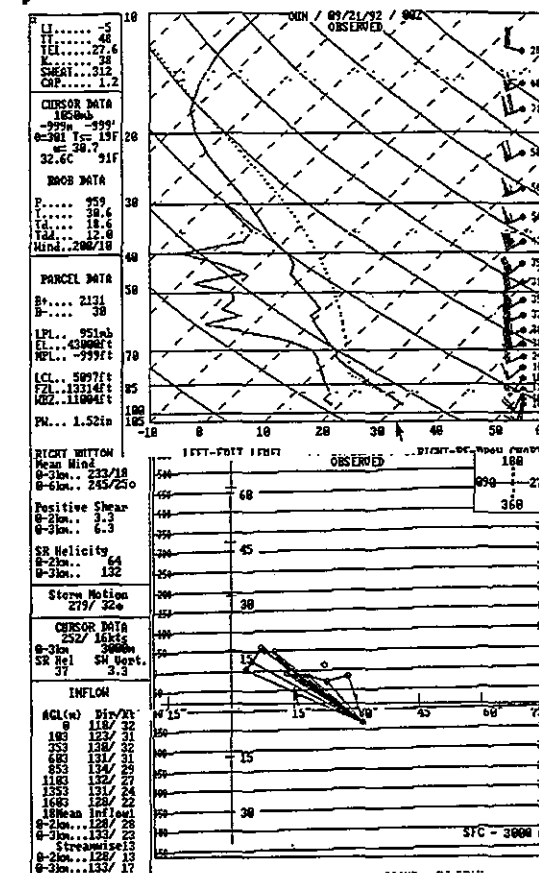
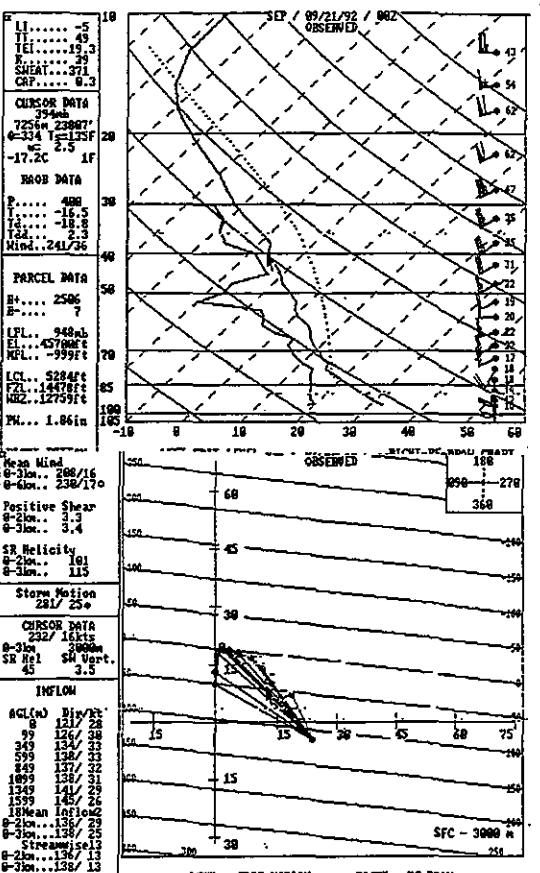
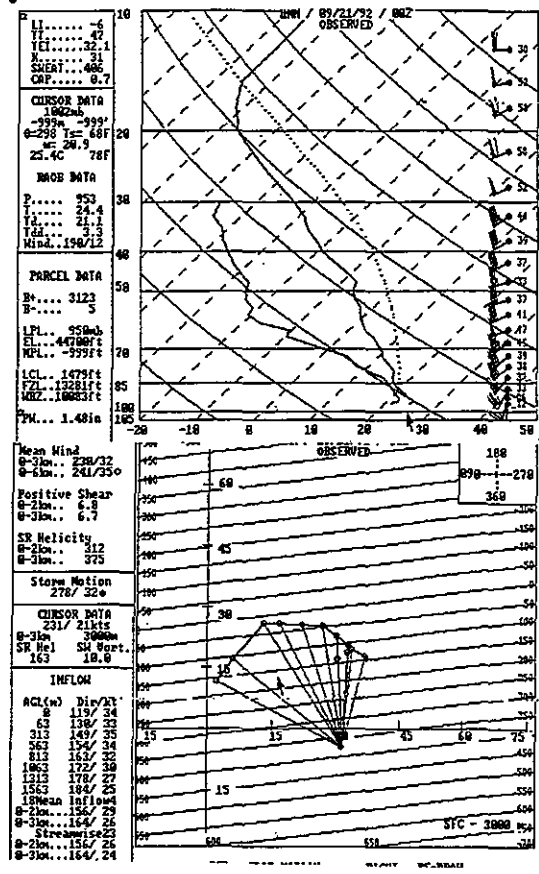
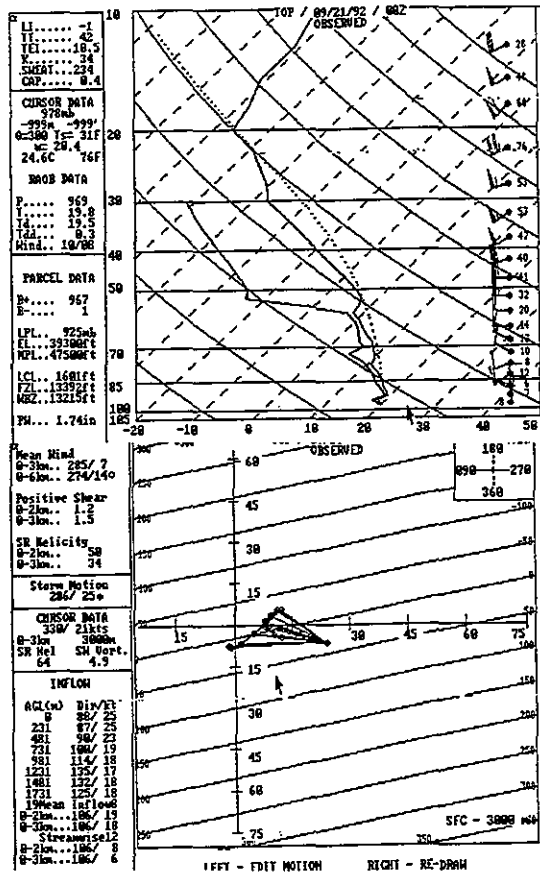
SATELLITE 00Z 21 SEPTEMBER



SURFACE MAP 00Z







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 09/21/92 - 0600CST 09/22/92

Total Non-Tornadic Reports: 64

Large Hail Reports... 31 Damaging Wind Reports... 33

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	21	3	6	1	0	0	31
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

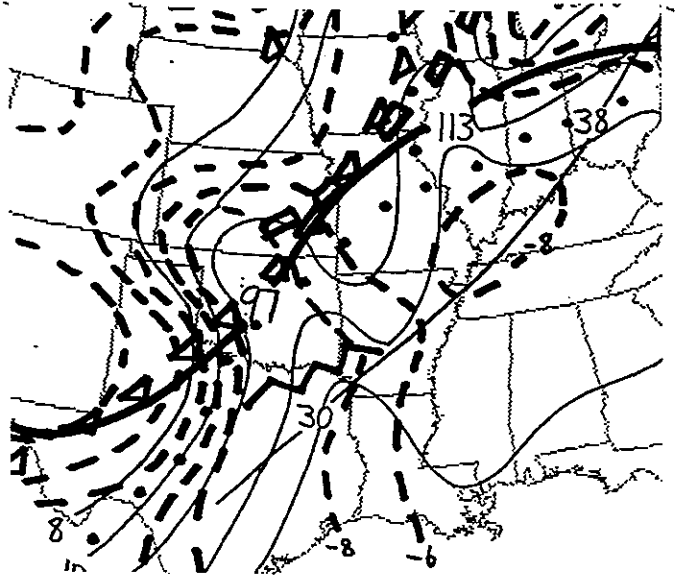
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	22	6	5	0	0	0	33
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

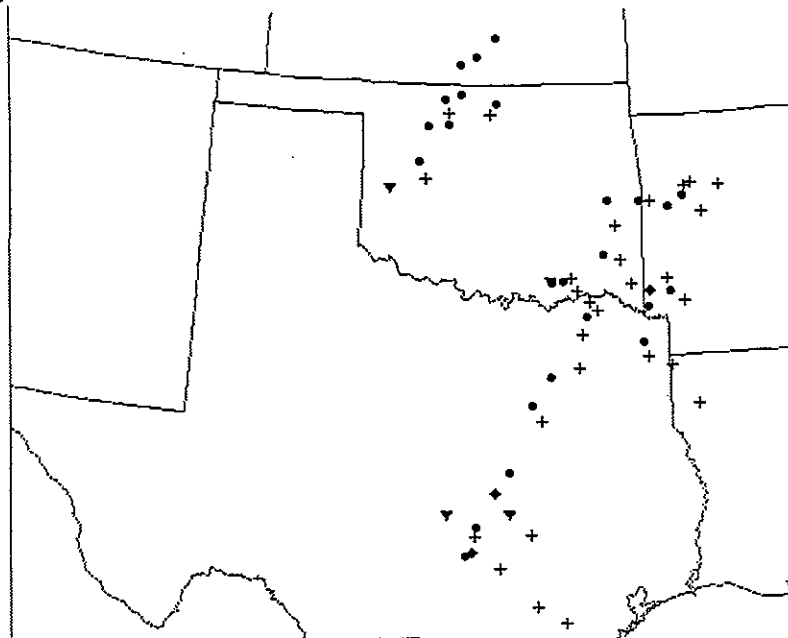
Number of Tornado Segments: 4

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	2	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	3	0	0	0	0	3



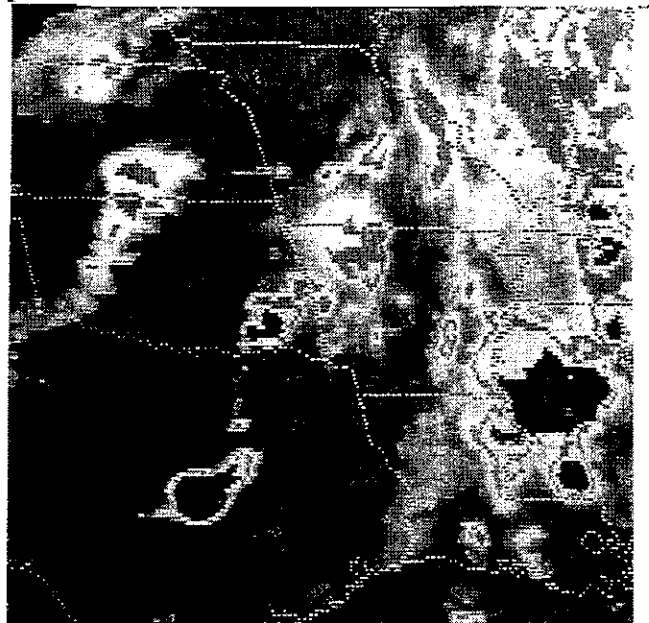
ALL SEVERE REPORTS



0600CST 09/21/92 - 0600CST 09/22/92

SEVE

SATELLITE 23Z 21 SEPTEMBER



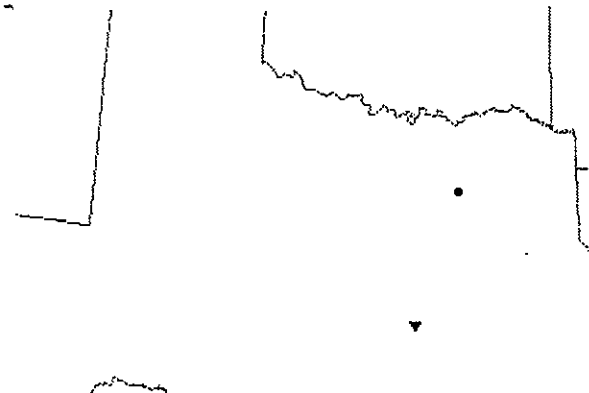
# MONDAY SEPTEMBER 21ST, 1992

## SIGNIFICANT TORNADO EVENTS

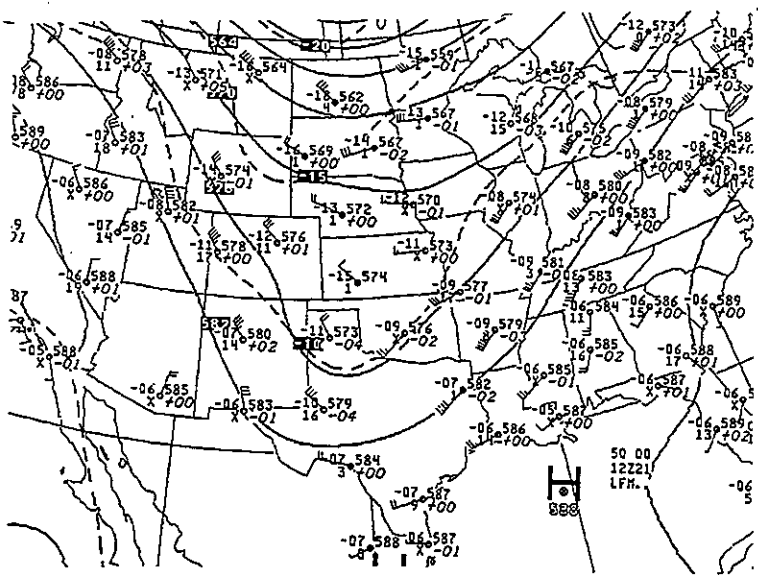
DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
SEP 21	1840	F-1	.25 40	TX	MILAM..4 SE BUCKHOLTS	3	---	---
<b>1 TOTAL</b>						-	3	---

## SIGNIFICANT HAIL EVENTS

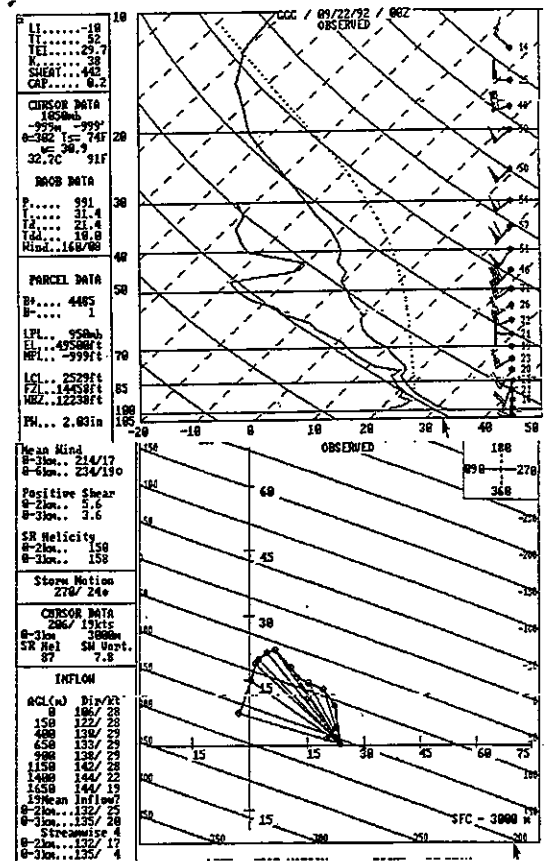
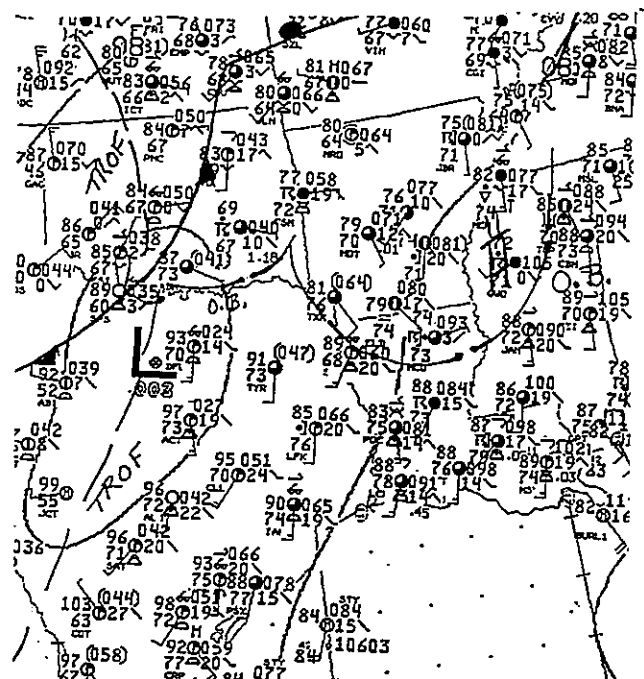
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
SEP 21	1835	2.00 INCH	TX	KAUFMAN..	TERRELL	-	---
<b>1 TOTAL</b>						-	---

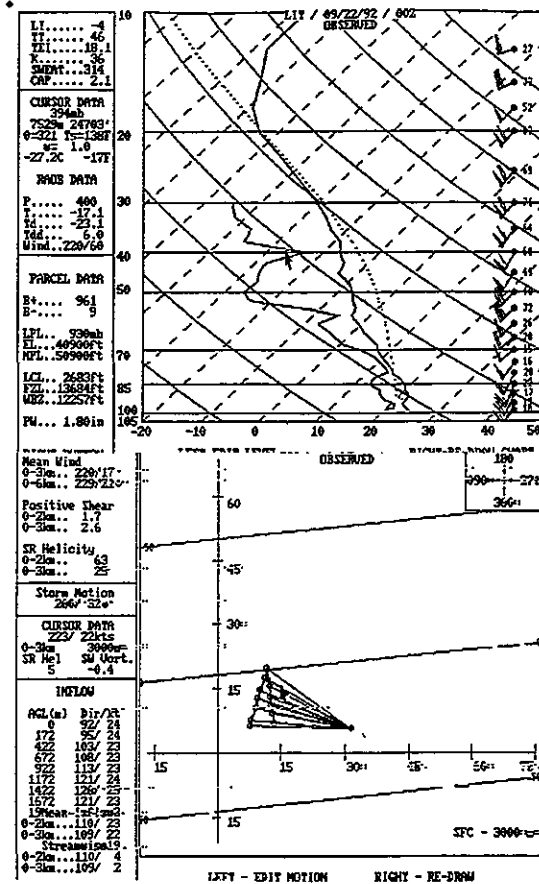
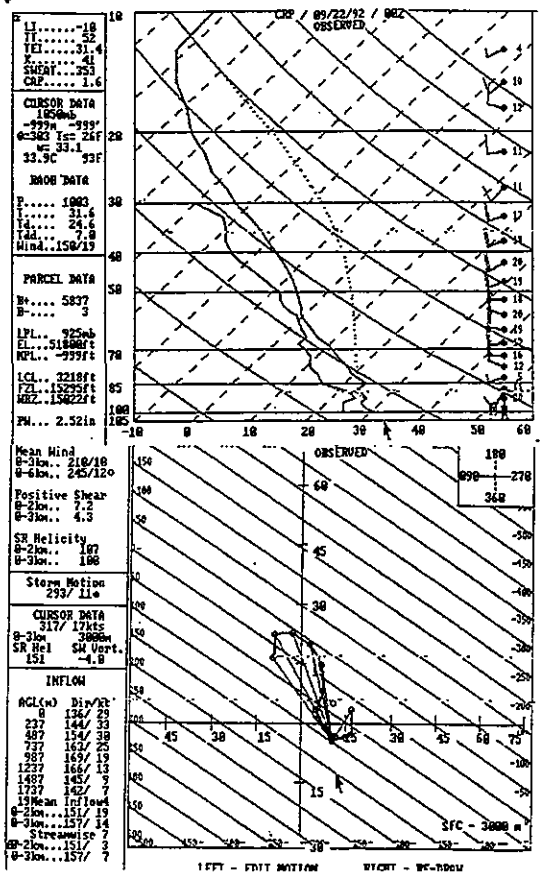


500 MB 12Z



SURFACE MAP 21Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 09/23/92 - 0600CST 09/24/92

Total Non-Tornadic Reports: 8

Large Hail Reports... 0 Damaging Wind Reports... 8

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

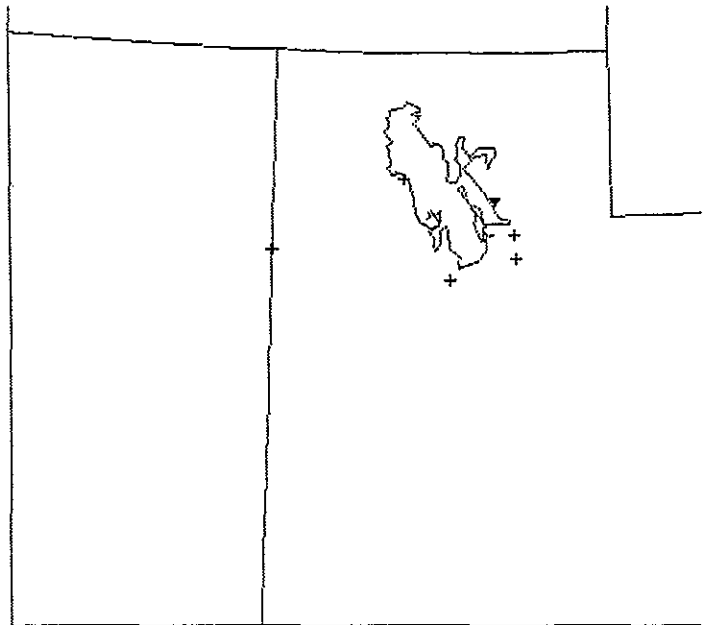
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	3	1	4	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 1

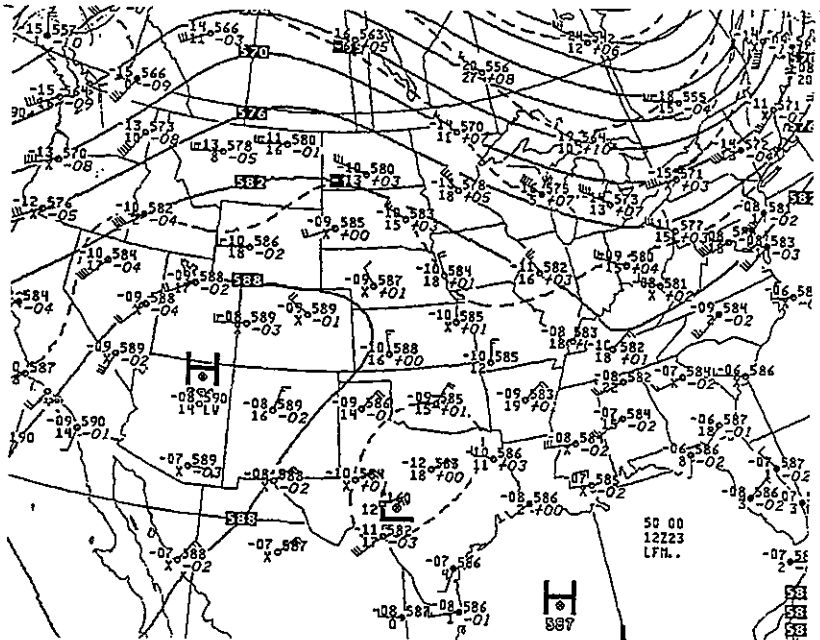
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	1	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

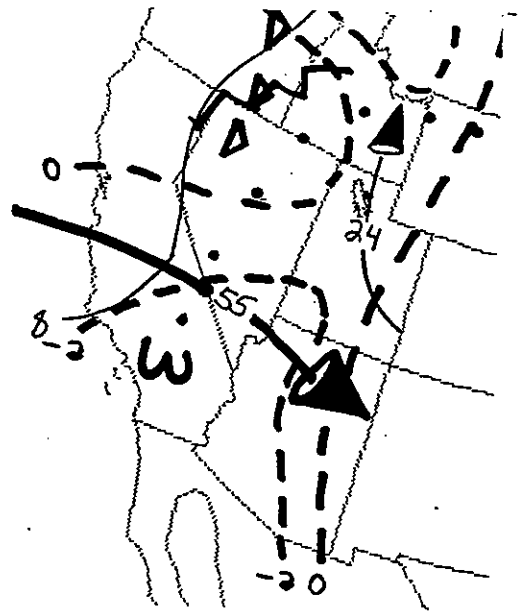


0600CST 09/23/92 - 0600CST 09/24/92

500 MB 12Z



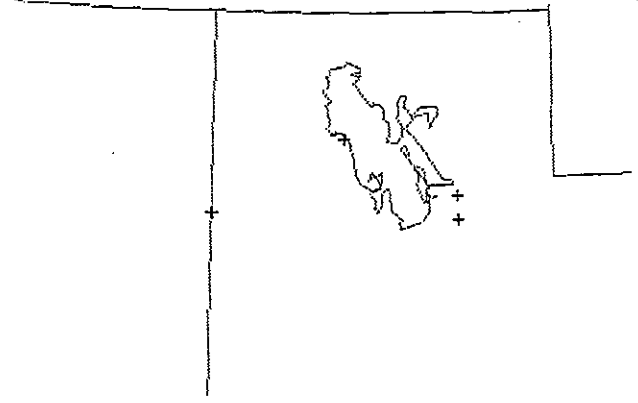
COMPOSITE MAP 12Z



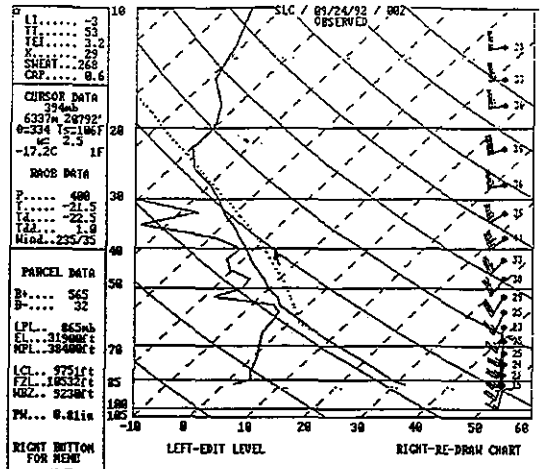
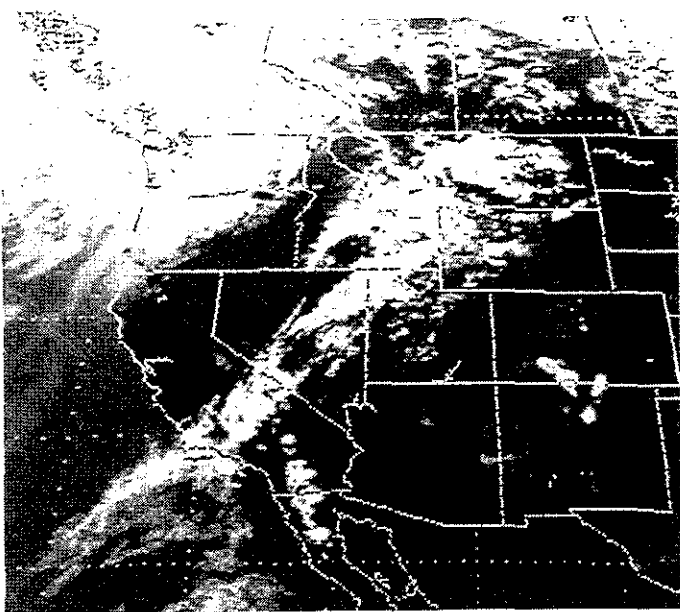
WEDNESDAY SEPTEMBER 23RD, 1992

SIGNIFICANT WIND EVENTS

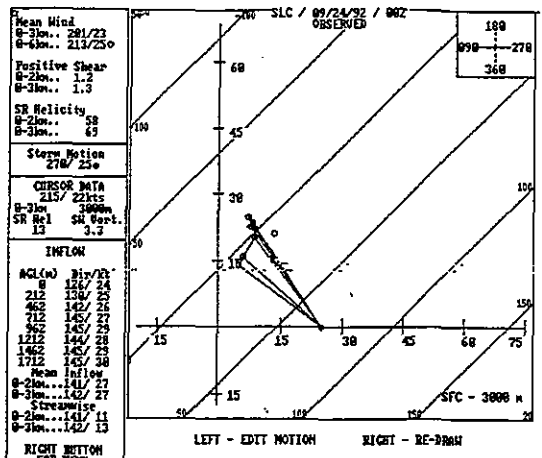
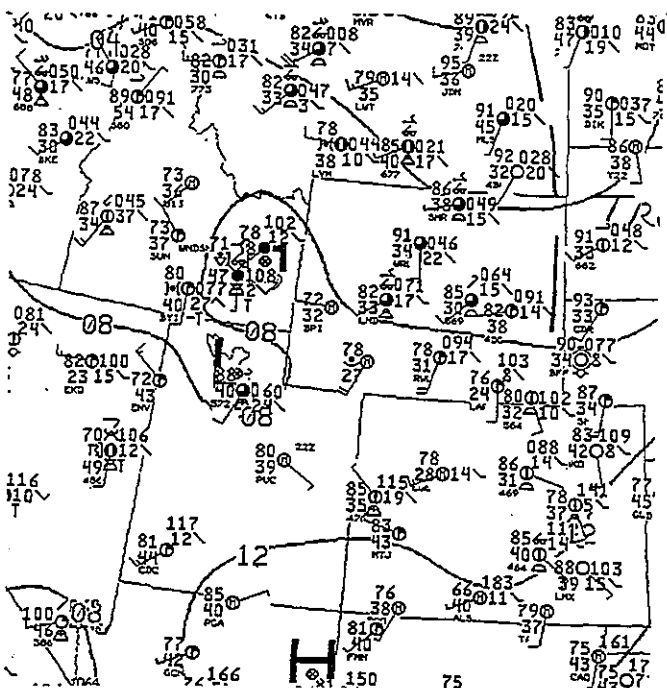
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
SEP 23	1750	86 MPH GUST	UT	TOOELE..	LAKESIDE	-	-	---
SEP 23	1845	81 MPH GUST	UT	DAVIS..	BOUNTFUL	-	-	---
SEP 23	1856	85 MPH GUST	UT	SALT LAKE..	SALT LAKE CITY	-	-	---
SEP 23	1900	79 MPH GUST	UT	SALT LAKE..	SALT LAKE CITY	-	-	---
SEP 23	1910	81 MPH GUST	UT	SALT LAKE..	SALT LAKE CITY	-	-	---
SEP 23	1914	87 MPH GUST	UT	TOOELE..	WENDOVER	-	-	---
SEP 23	1930	81 MPH GUST	UT	TOOELE..	1 E WENDOVER	-	-	---
<b>7 TOTAL</b>						-	-	---



SATELLITE 00Z 24 SEPTEMBER



SURFACE MAP 00Z



SURFACE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 10/03/92 - 0600CST 10/04/92

Total Non-Tornadic Reports: 10

Large Hail Reports... 0 Damaging Wind Reports... 10

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

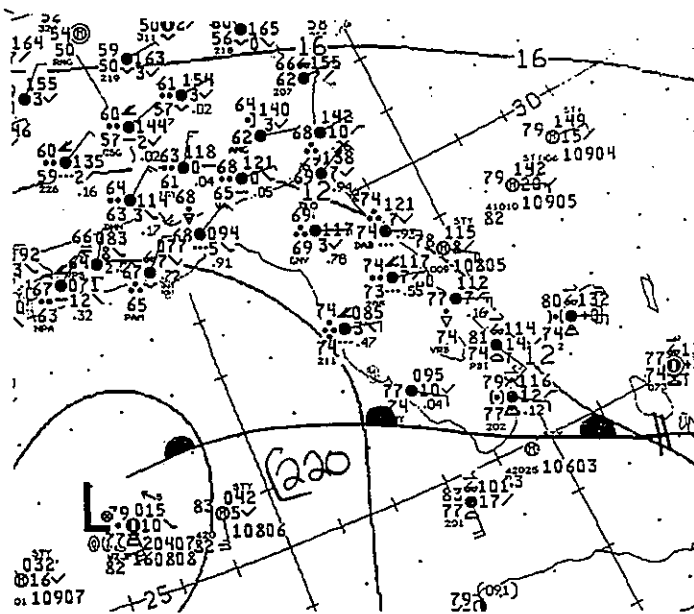
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	9	1	0	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

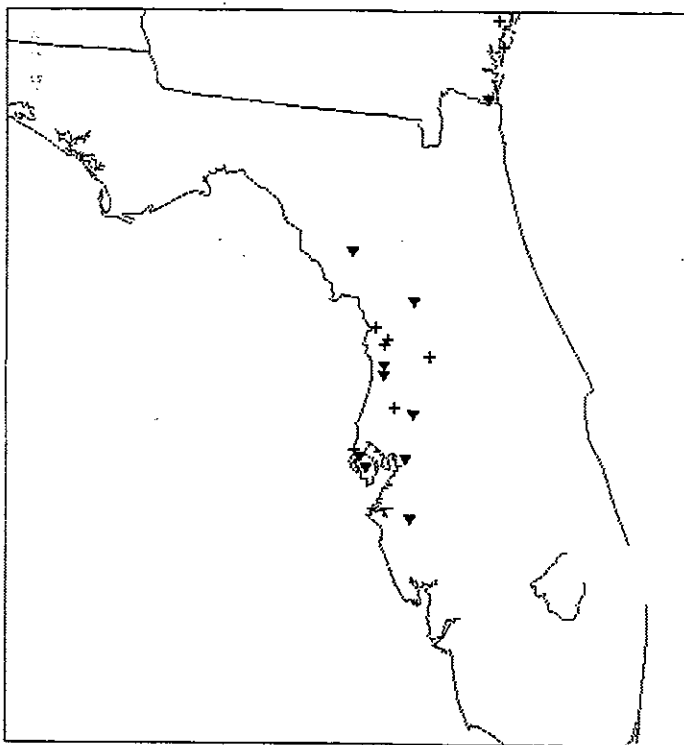
Number of Tornado Segments: 11

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	5	1	1	0	0	11
Fatalities	0	0	1	3	0	0	4
Injuries	0	2	0	75	0	0	77

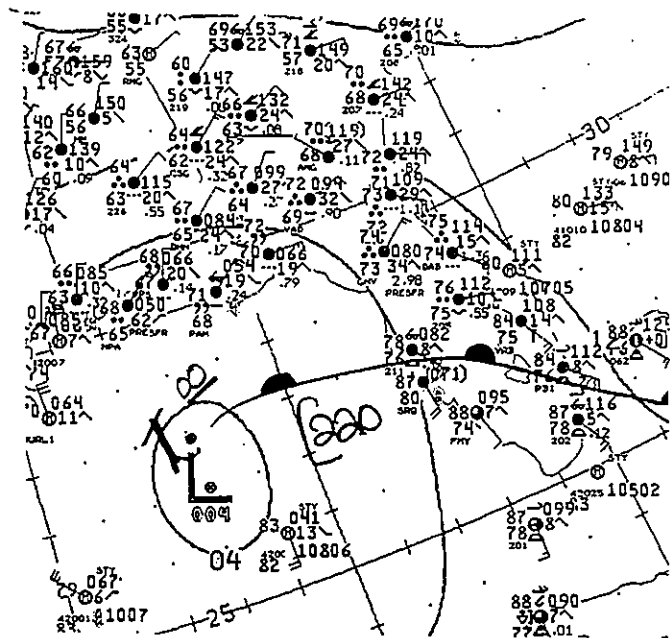


ALL SEVERE REPORTS



0600CST 10/03/92 - 0600CST 10/04/92

SURFACE MAP 18Z



# SATURDAY OCTOBER 3RD, 1992

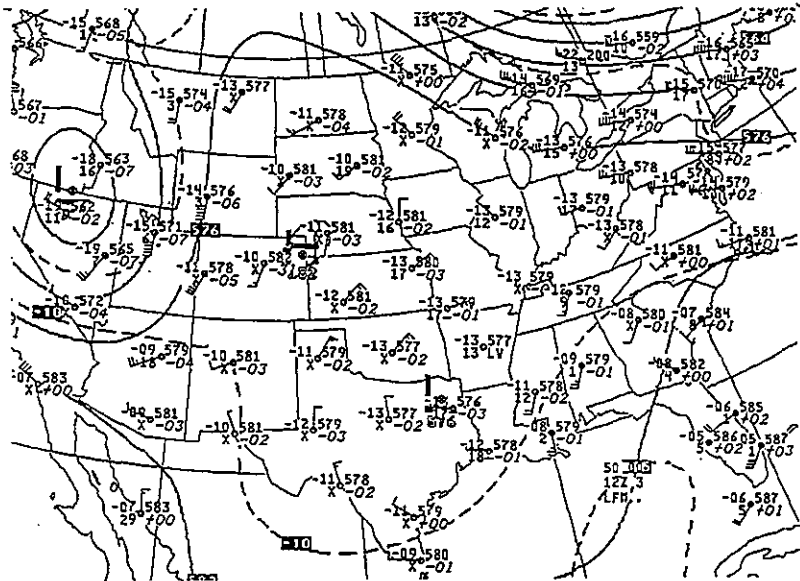
## SIGNIFICANT TORNADO EVENTS

DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
OCT 3	0840	F-2	3.0	200	FL	PINELLAS..15 WSW TAMPA	1	-	1 M
OCT 3	0930	F-3	2.6	500	FL	PINELLAS..13 SW TAMPA	3	75	5 M
OCT 3	1020	F-1	2.0	250	FL	HILLSBOROUGH..NW PART	-	2	---
<b>3 TOTAL</b>							<b>4</b>	<b>77</b>	<b>6 M</b>

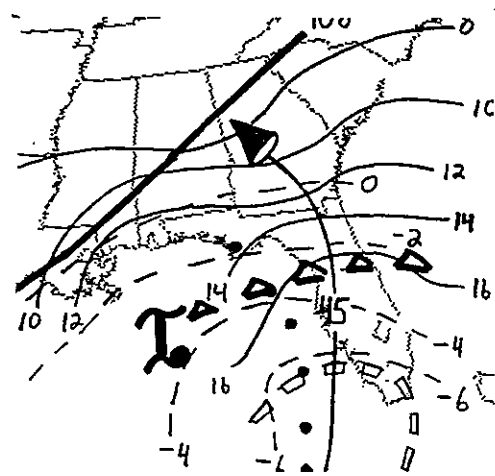
## SIGNIFICANT EVENTS MAP



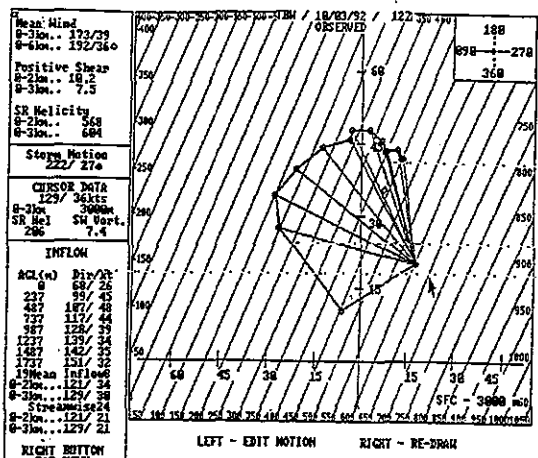
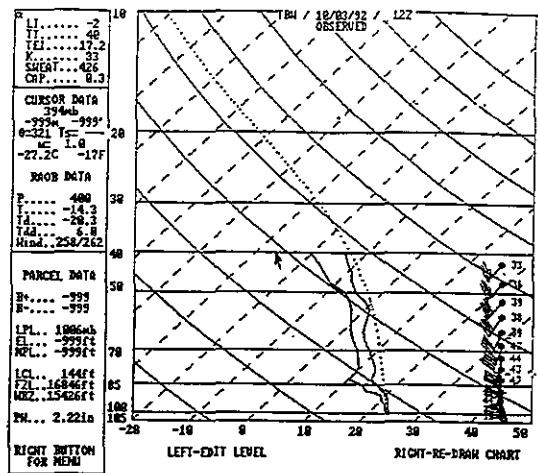
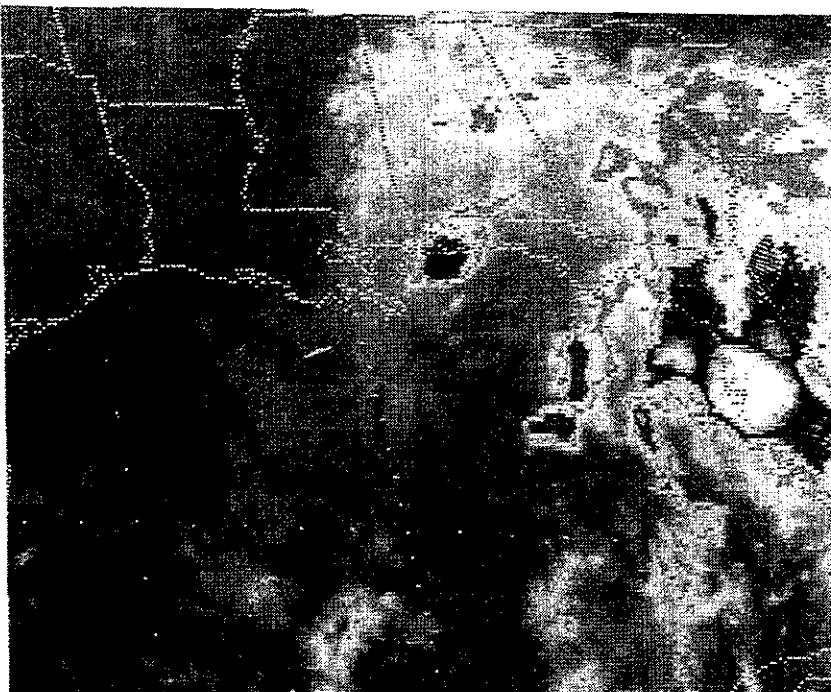
500 MB 12Z



COMPOSITE MAP 12Z



SATELLITE 14Z 3 OCTOBER





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 10/07/92 - 0600CST 10/08/92

Total Non-Tornadic Reports: 80

Large Hail Reports... 26      Damaging Wind Reports... 54

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	14	8	7	0	0	0	26
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

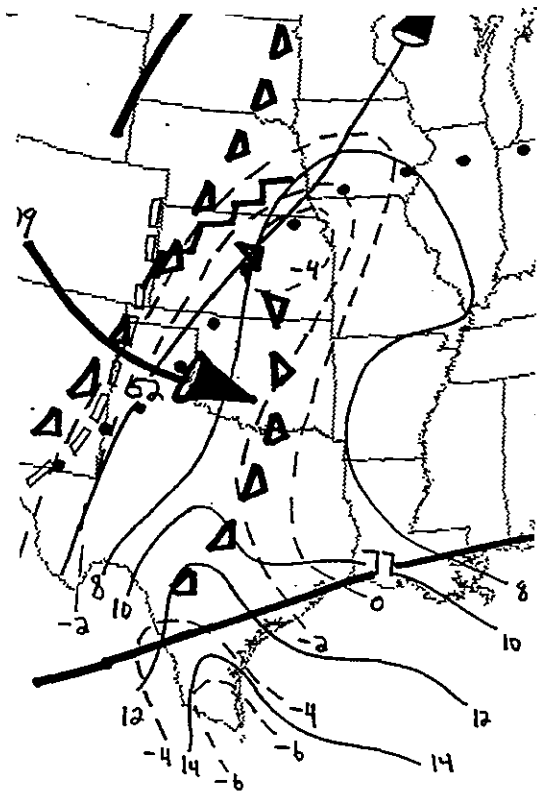
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	31	21	2	0	0	0	54
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	2	0	0	0	2

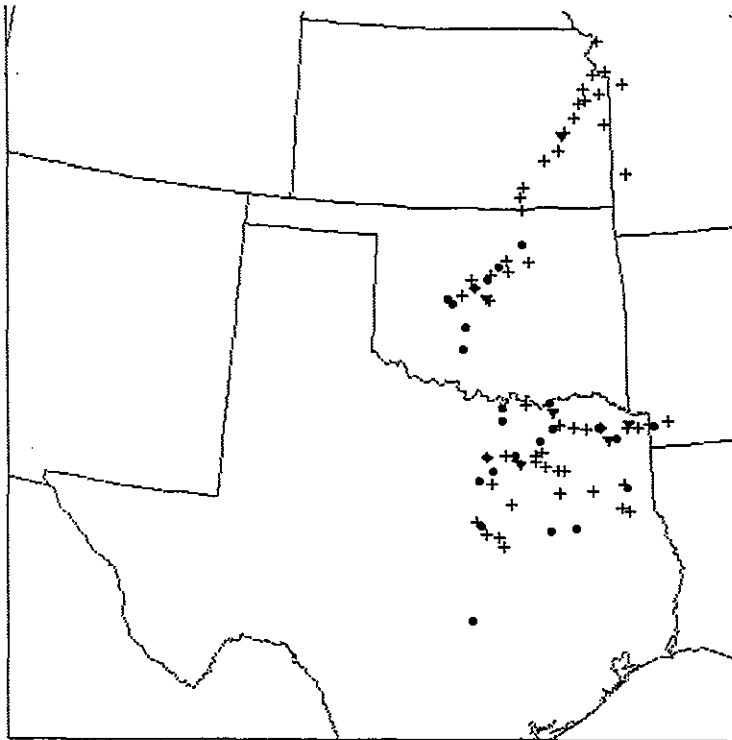
Number of Tornado Segments: 6

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	4	0	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	3	0	0	0	0	3

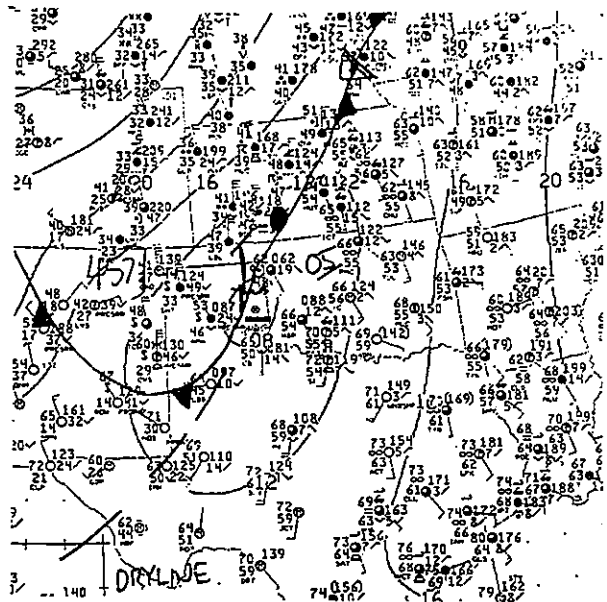


ALL SEVERE REPORTS



0600CST 10/07/92 - 0600CST 10/08/92

SURFACE MAP 15Z



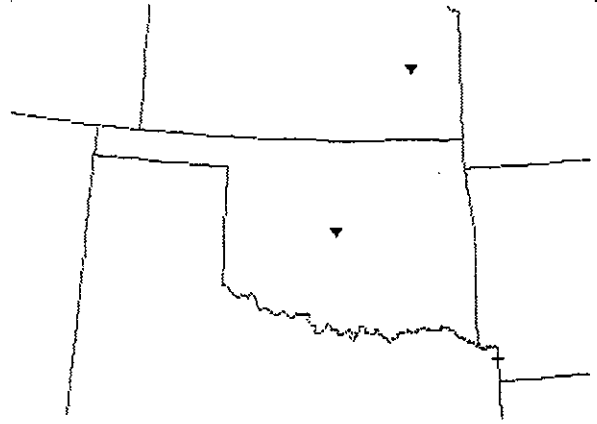
# WEDNESDAY OCTOBER 7TH, 1992

## SIGNIFICANT TORNADO EVENTS

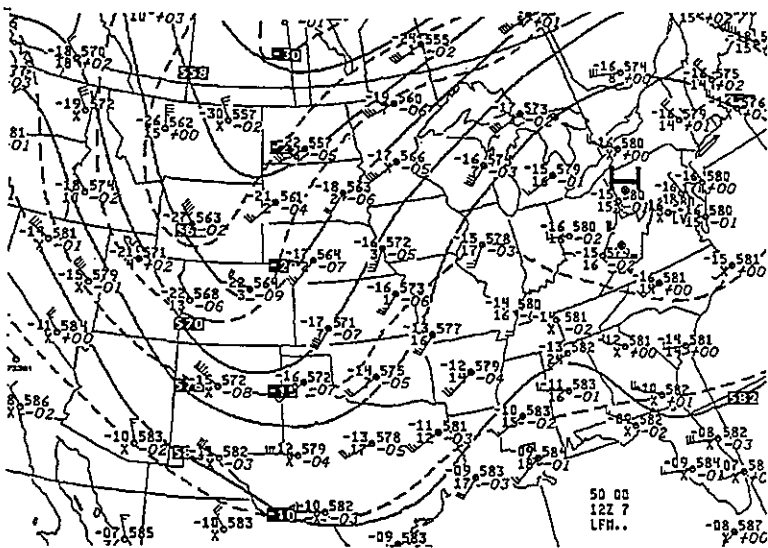
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
OCT 7	1455	F-1	.25	25	OK/CANADIEN..	SW OKLAHOMA CITY	3	---	---
OCT 7	1807	F-1	.50	50	KS	COFFEY..BURLINGTON	-	-	1 M
<b>2 TOTAL</b>							-	-	<b>3 1 M</b>

## SIGNIFICANT WIND EVENTS

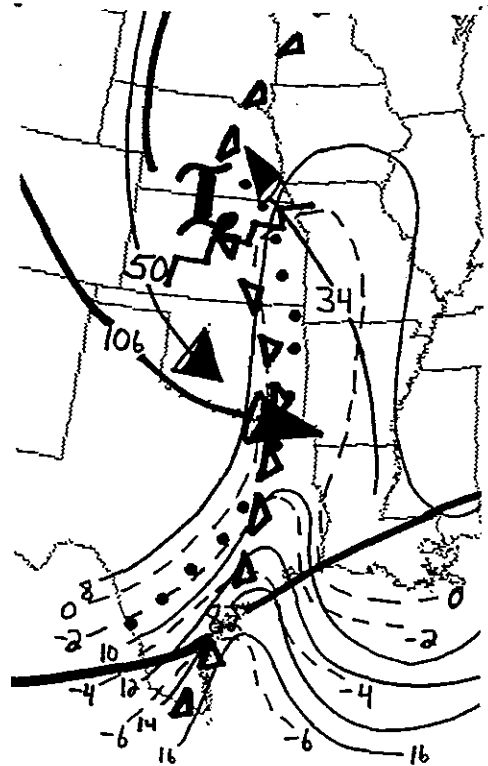
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
OCT 7	1958	75 MPH GUST	TX	BOWIE..3 S	TEXARKANA	-	2	---
<b>1 TOTAL</b>						-	2	---



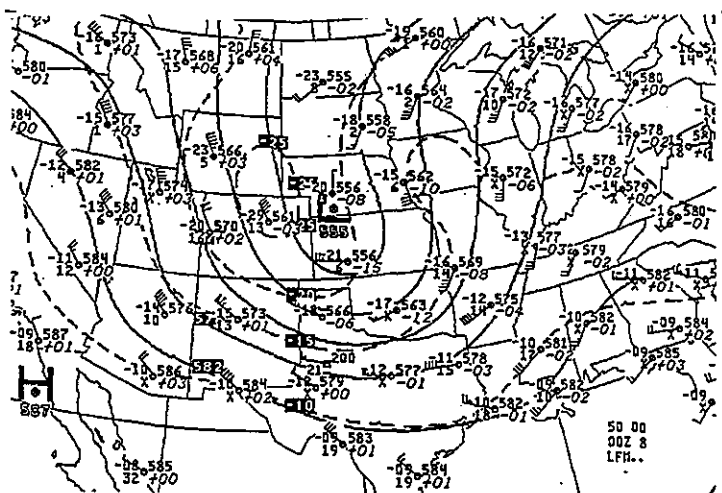
500 MB 12Z



COMPOSITE MAP 00Z

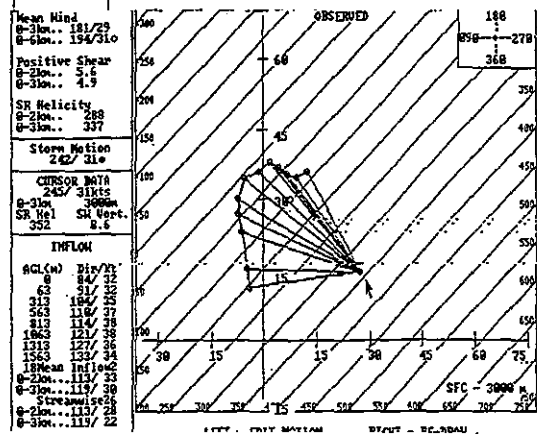
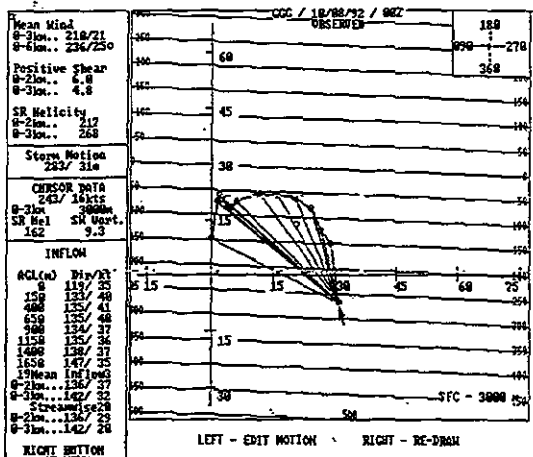
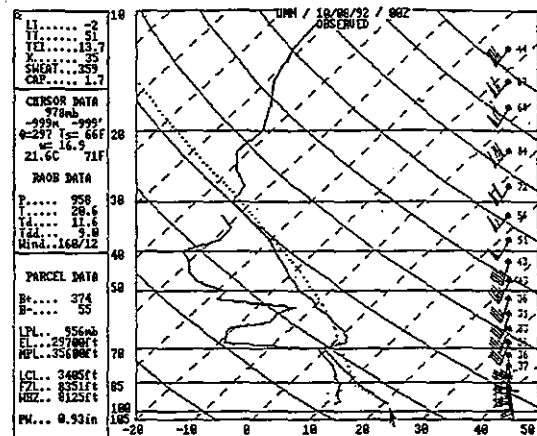
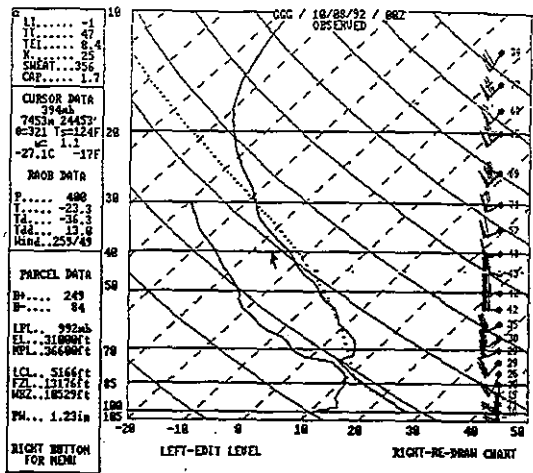
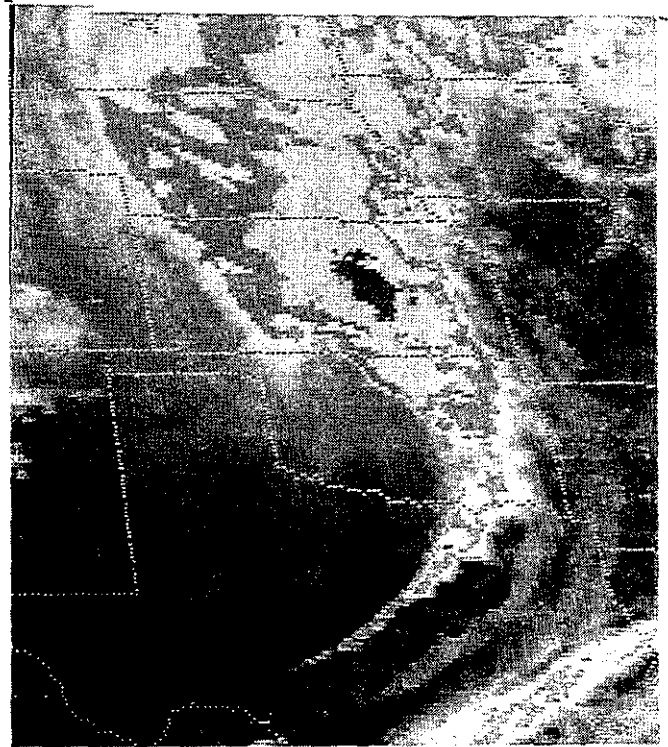
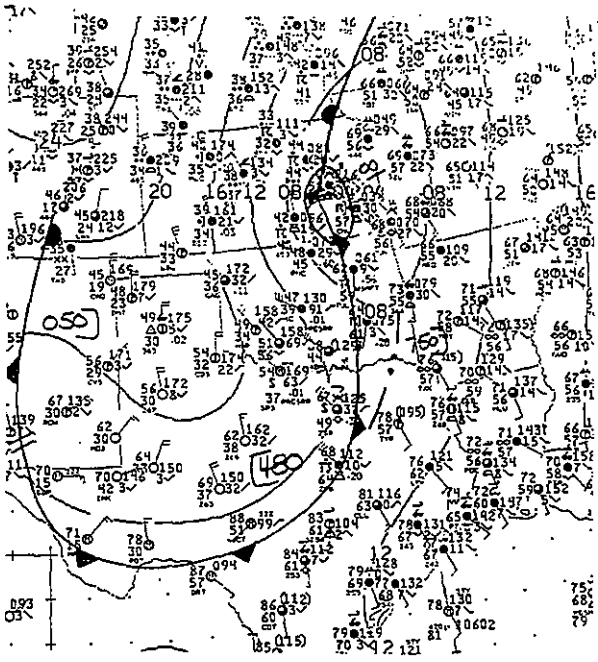


500 MB 00Z



SURFACE MAP 00Z

SATELLITE 22Z 7 OCTOBER



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 10/08/92 - 0600CST 10/09/92

Total Non-Tornadoic Reports: 44

Large Hail Reports... 7      Damaging Wind Reports... 37

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	3	3	0	0	0	7
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

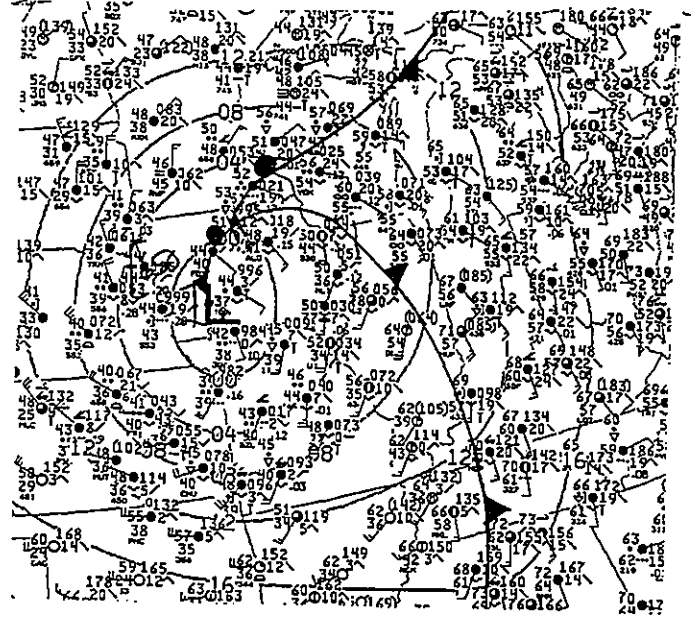
DAMAGING WIND

	WWDG	50	60	70	80	90	TOT
Wind	34	3	0	0	0	0	37
Fatalities	0	0	0	0	0	0	0
Injuries	4	0	0	0	0	0	4

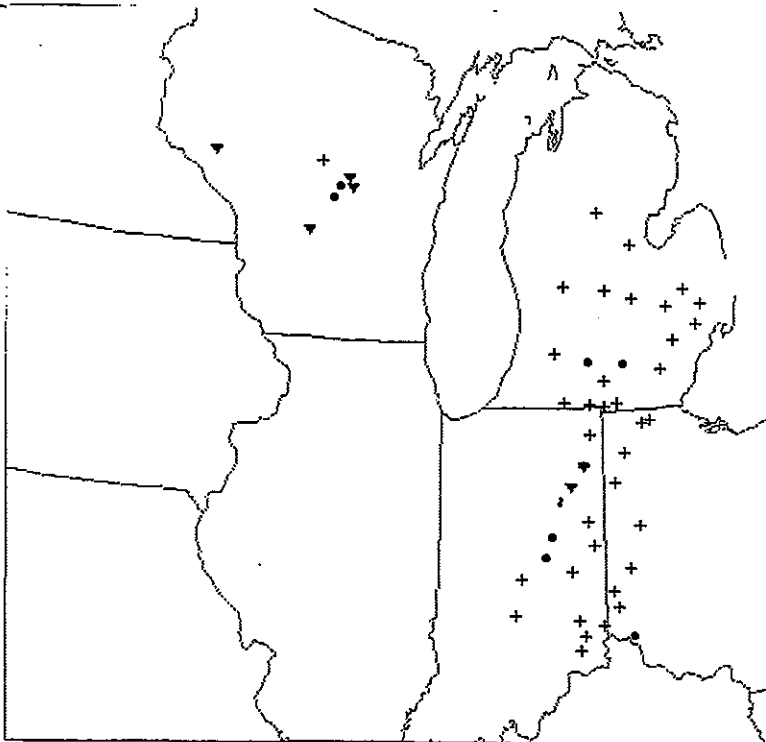
Number of Tornado Segments: 8

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	6	1	0	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	9	0	0	0	9



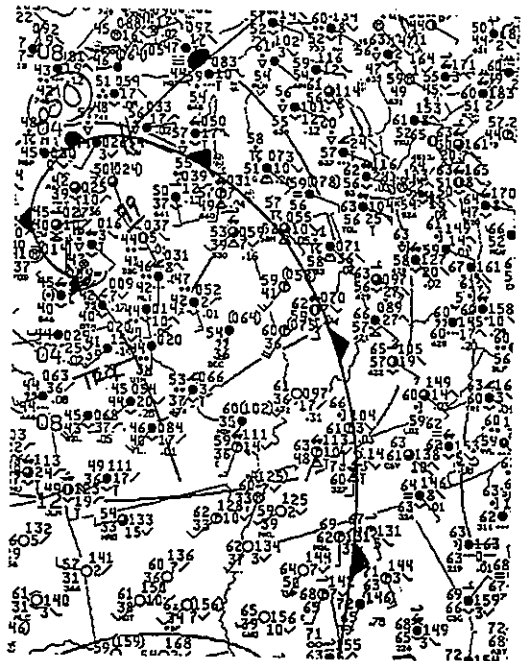
ALL SEVERE REPORTS



0600CST 10/08/92 - 0600CST 10/09/92

SEU

SURFACE MAP 00Z



THURSDAY OCTOBER 8TH, 1992

**SIGNIFICANT TORNADO EVENTS**

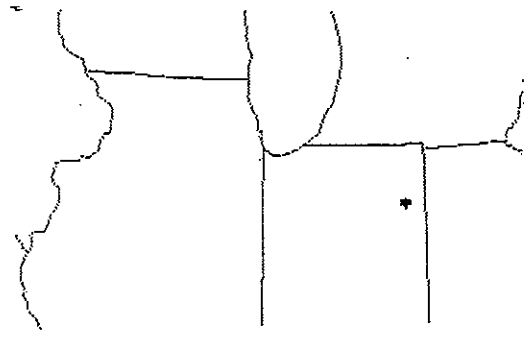
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
OCT 8	1800	F-2	2.0	20	IN	ALLEN..FT. WAYNE	-	9	---

1 TOTAL - 9 ---

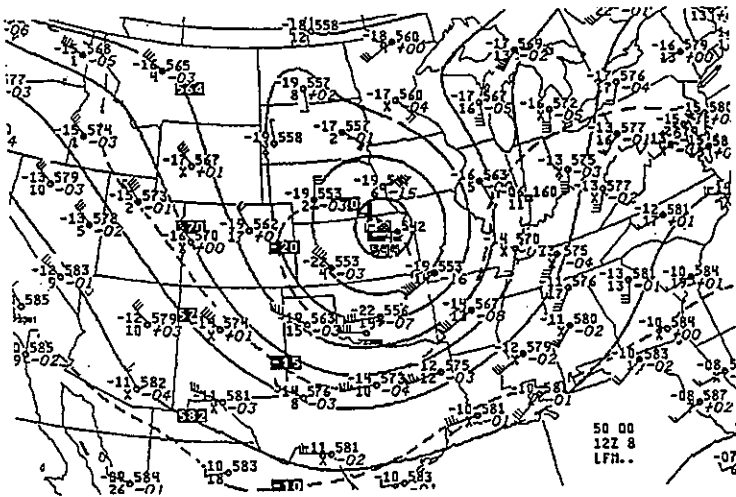
**SIGNIFICANT WIND EVENTS**

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
OCT 8	1830	WIND DAMAGE	IN	ALLEN..FT. WAYNE		-	4	1 M

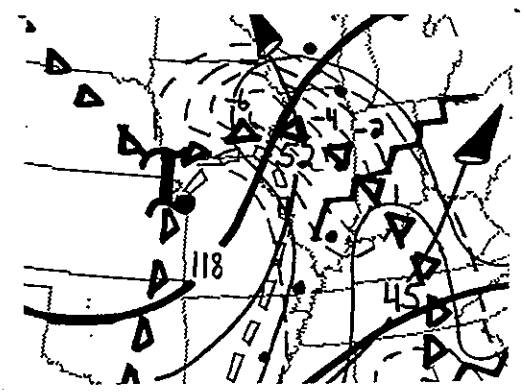
1 TOTAL - 4 1 M



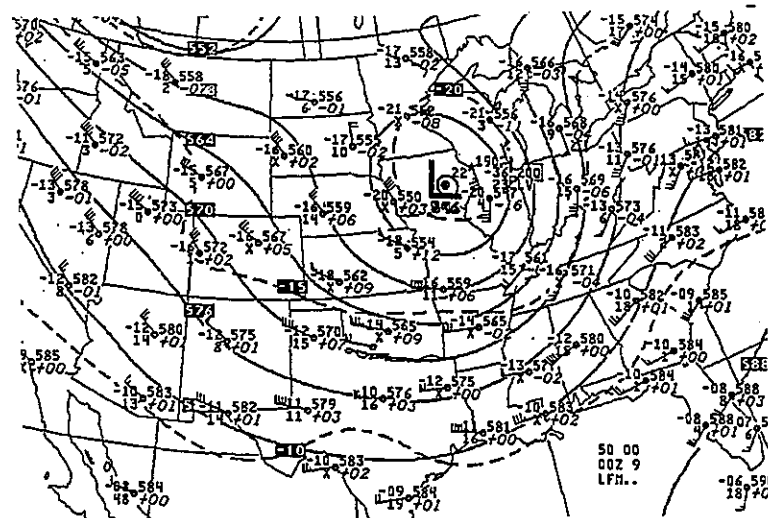
500 MB 12Z



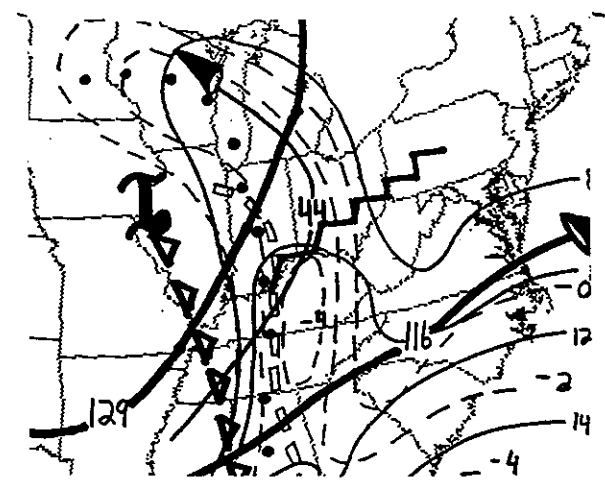
COMPOSITE 12Z

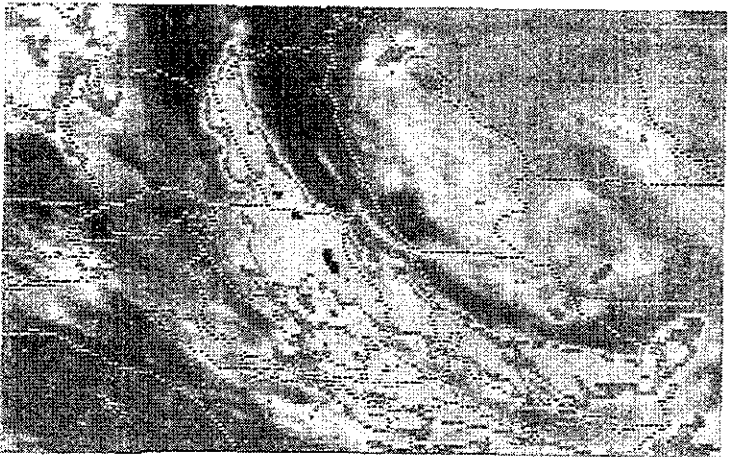
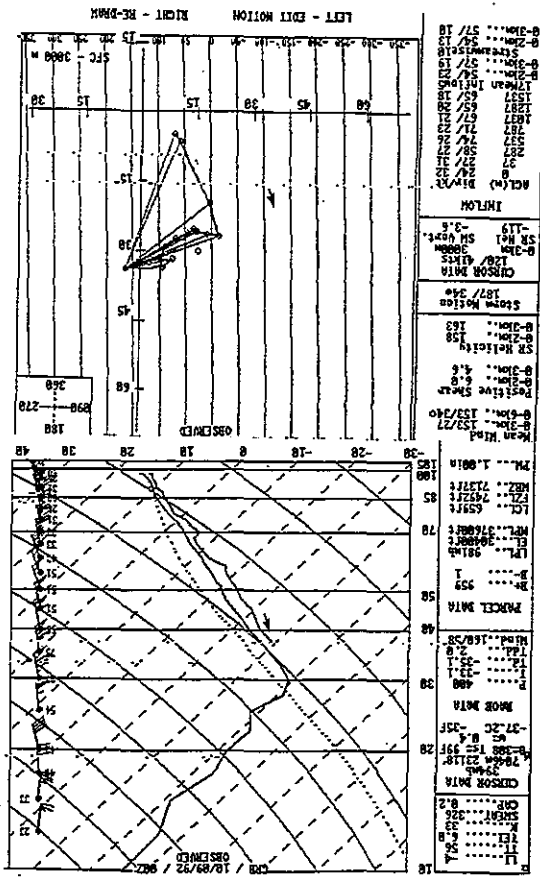
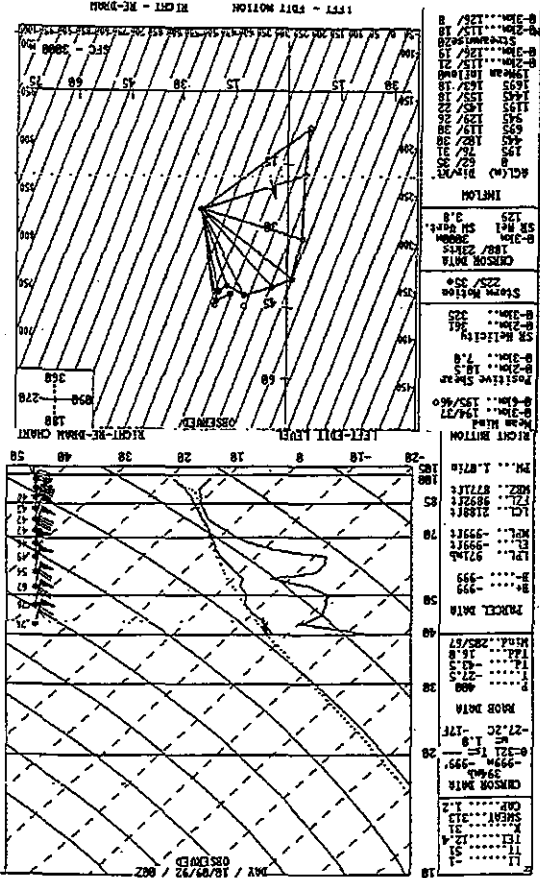
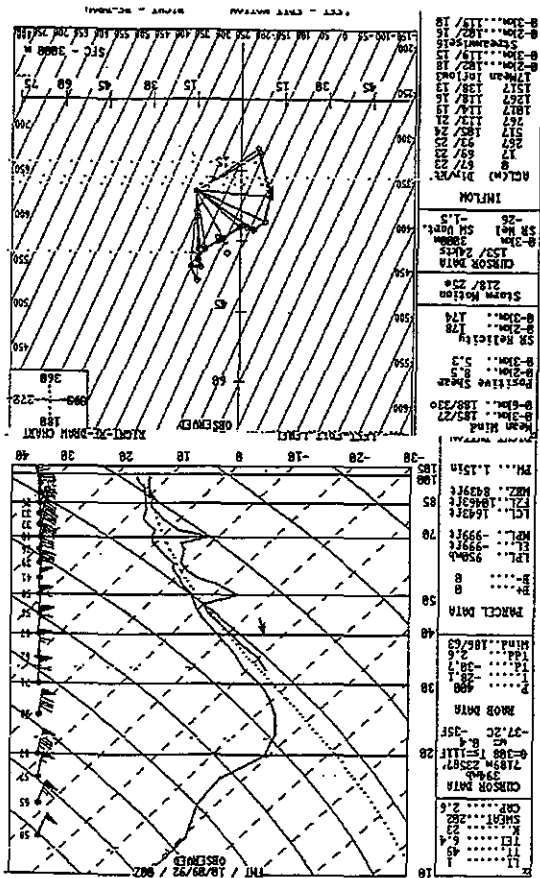


500 MB 00Z



COMPOSITE 00Z





SATELLITE 00Z 9 OCTOBER

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 10/10/92 - 0600CST 10/11/92

Total Non-Tornadic Reports: 41

Large Hail Reports... 31      Damaging Wind Reports... 10

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	12	10	9	0	0	0	31
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

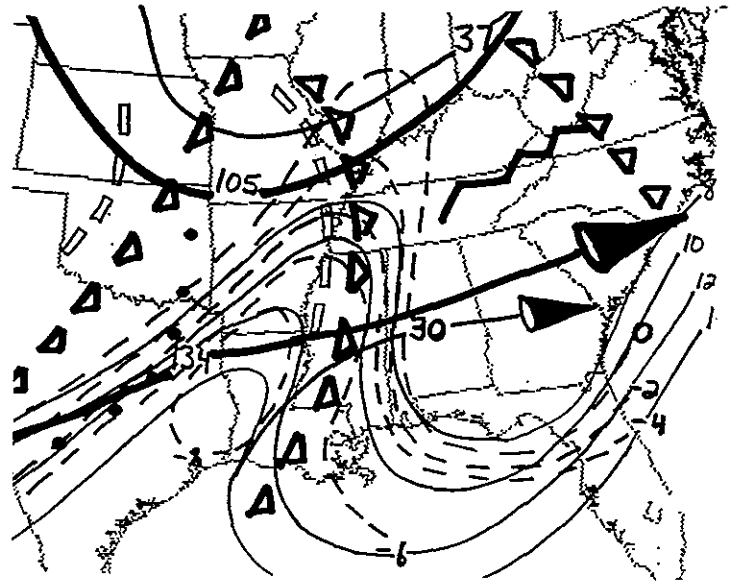
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	10	0	0	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

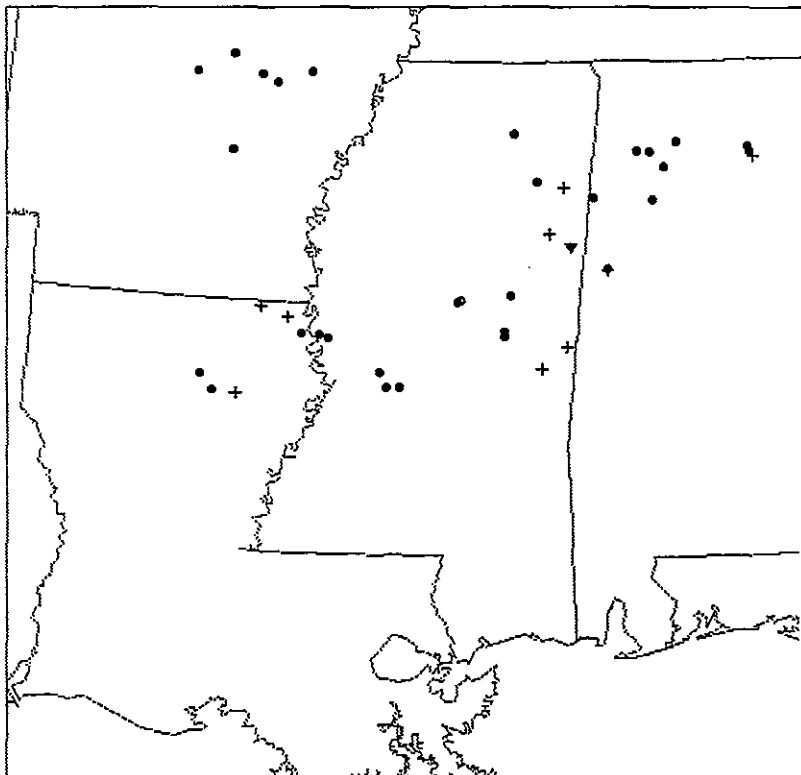
Number of Tornado Segments: 1

TORNADO SEGMENTS

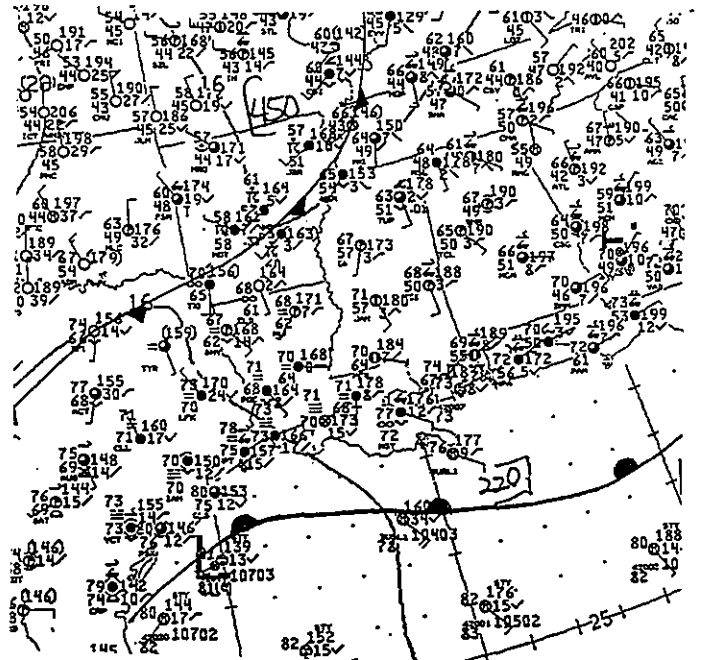
	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	1	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	16	0	0	0	16



ALL SEVERE REPORTS



SURFACE MAP 15Z



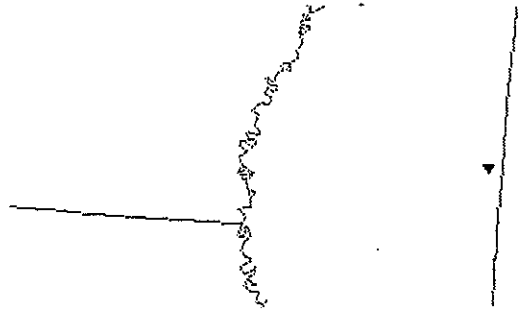
0600CST 10/10/92 - 0600CST 10/11/92

S1

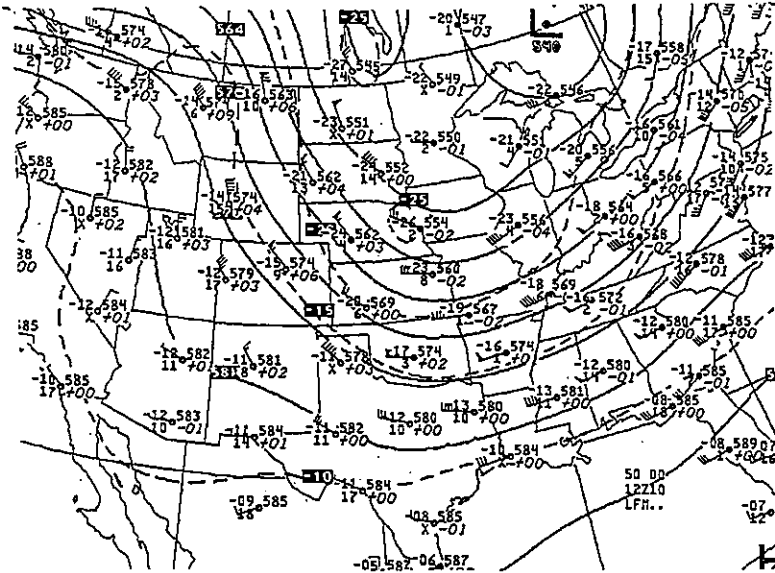
# SATURDAY OCTOBER 10TH, 1992

## SIGNIFICANT TORNADO EVENTS

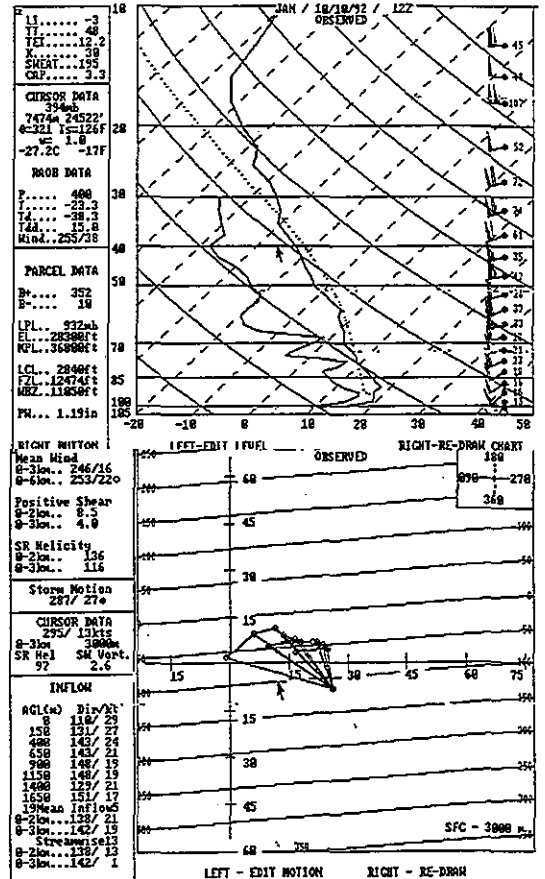
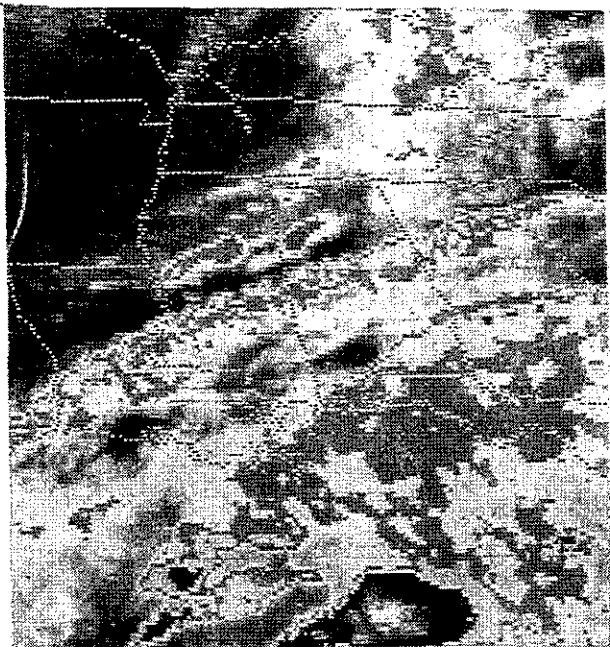
DATE	TIME	FOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
OCT 10	1535	F-2	2.0	440	MS	LOWNDES..COLUMBUS	-	16	1 M
<b>1 TOTAL</b>							-	16	1 M



500 MB 12Z



SATELLITE 22Z 10 OCTOBER





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 10/15/92 - 0600CST 10/16/92

Total Non-Tornadic Reports: 66

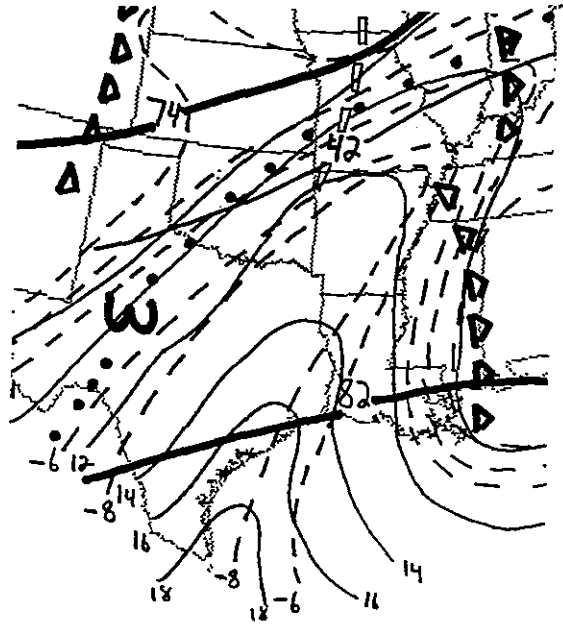
Large Hail Reports... 43      Damaging Wind Reports... 23

LARGE HAIL							
	075	100	150	200	300	400	TOT
Hail	11	14	7	11	0	0	43
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

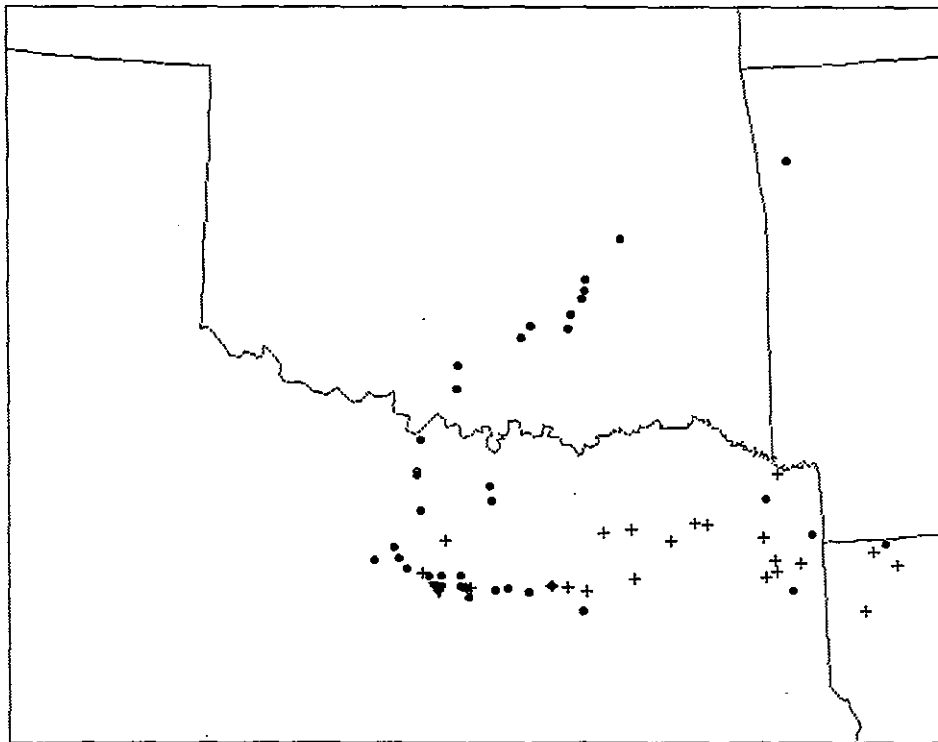
DAMAGING WIND							
	WNDG	50	60	70	80	90	TOT
Wind	10	8	0	4	1	0	23
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 2

TORNADO SEGMENTS							
	F0	F1	F2	F3	F4	F5	TOT
Segments	1	1	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 10/15/92 - 0600CST 10/16/92

SEVERE WEATHER R

# THURSDAY OCTOBER 15TH, 1992

## SIGNIFICANT RAIN EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
OCT 15	1600	2.75 INCH	TX	PARKER..	WITT	-	----
OCT 15	1618	2.50 INCH	TX	PARKER..	.5 SE WITT	-	----
OCT 15	1650	2.75 INCH	TX	PARKER..	.8 E WEATHERFORD	-	----
OCT 15	1652	2.75 INCH	TX	PARKER..	.9 E WEATHERFORD	-	----
OCT 15	1717	2.75 INCH	OK	CARTER..	WILSON	-	----
OCT 15	1729	2.75 INCH	OK	CARTER..	.2 W GRAHAM	-	----
OCT 15	1732	2.75 INCH	OK	CARTER..	.3 W WILSON	-	----
OCT 15	1836	2.50 INCH	TX	TARRANT..	.2 W FT. WORTH	-	----
OCT 15	1840	2.50 INCH	TX	TARRANT..	.4 E BENEROOK	-	----
OCT 15	1900	2.75 INCH	TX	TARRANT..	ARLINGTON	-	----
OCT 15	1910	2.75 INCH	TX	TARRANT..	ARLINGTON	-	----

11 TOTAL

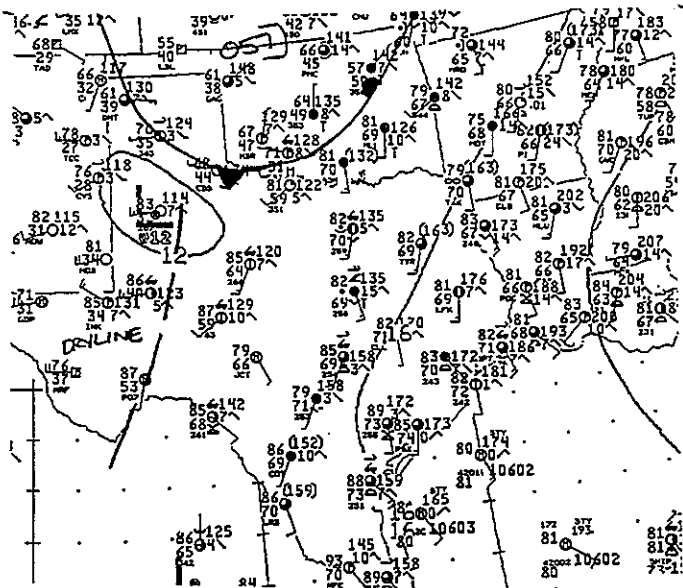
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
OCT 15	1646	70 MPH GUST	TX	PARKER..	WEATHERFORD	-	1	----
OCT 15	1840	100 MPH GUST	TX	TARRANT..	.3 ESE WHITE STLMT	-	1	M
OCT 15	1841	81 MPH GUST	TX	TARRANT..	.2 SW FT. WORTH	-	-	----
OCT 15	2105	81 MPH GUST	TX	HOPKINS..	COMBY	-	-	----
OCT 15	2135	81 MPH GUST	TX	HOPKINS..	COMO	-	-	----

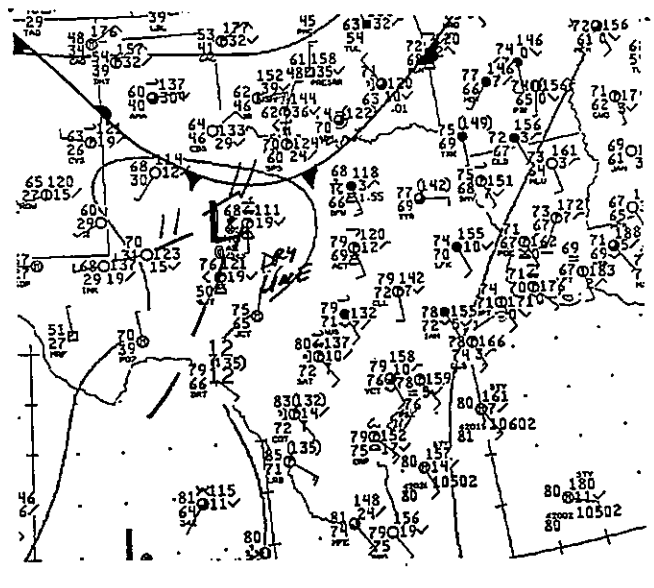
5 TOTAL

- 1 1 M

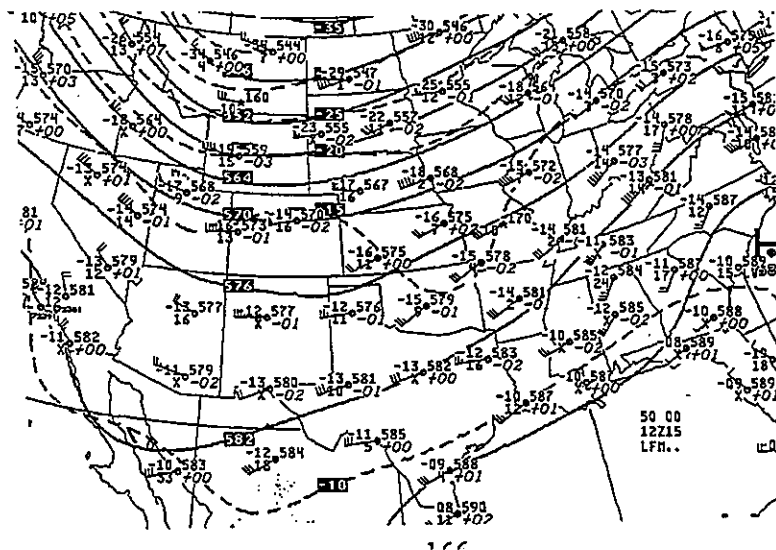
SURFACE MAP 18Z

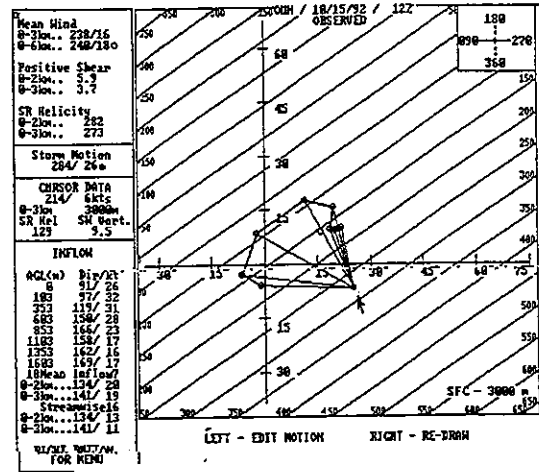
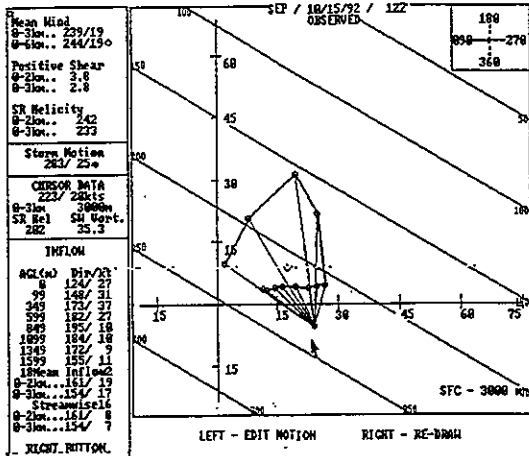
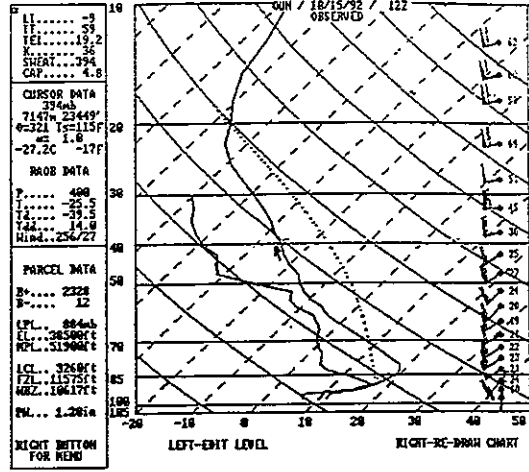
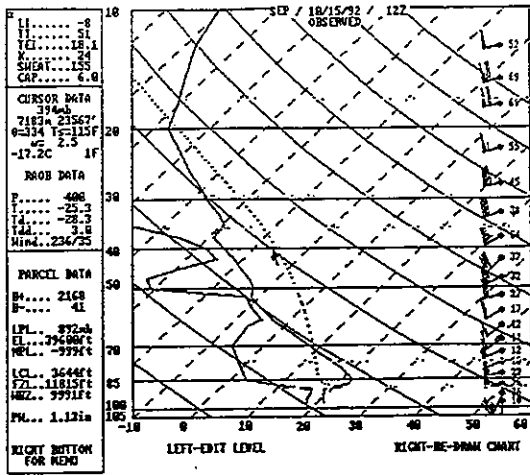


SURFACE MAP 03Z

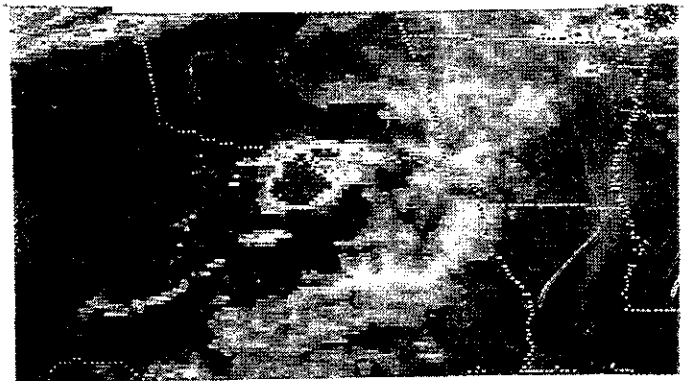


500 MB 12Z

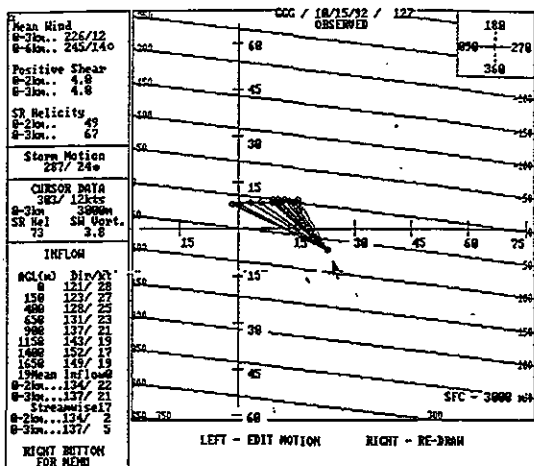
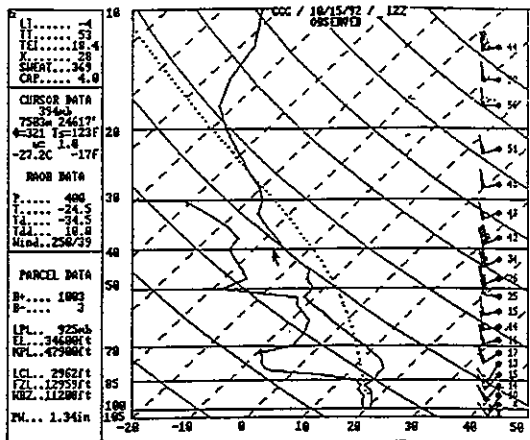
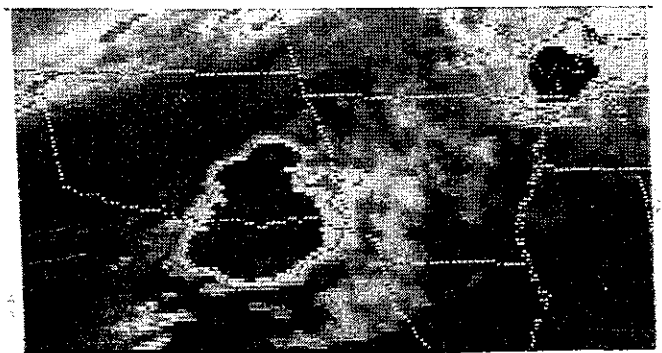




SATELLITE 22Z 15 OCTOBER



SATELLITE 00Z 16 OCTOBER



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 10/24/92 - 0600CST 10/25/92

Total Non-Tornadic Reports: 6

Large Hail Reports... 5      Damaging Wind Reports... 1

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	1	3	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

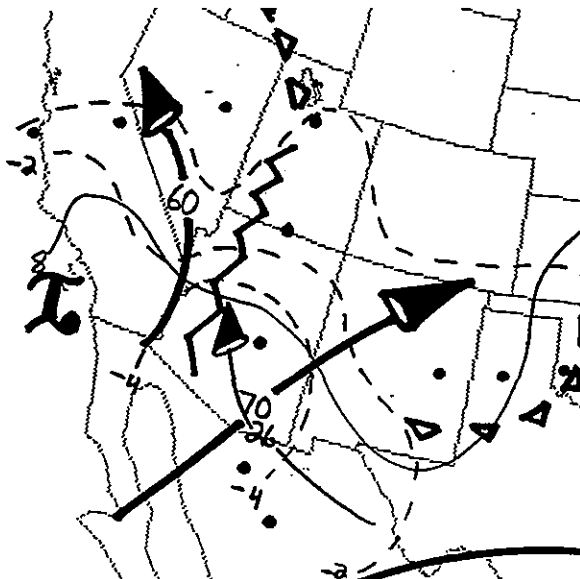
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 3

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	1	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

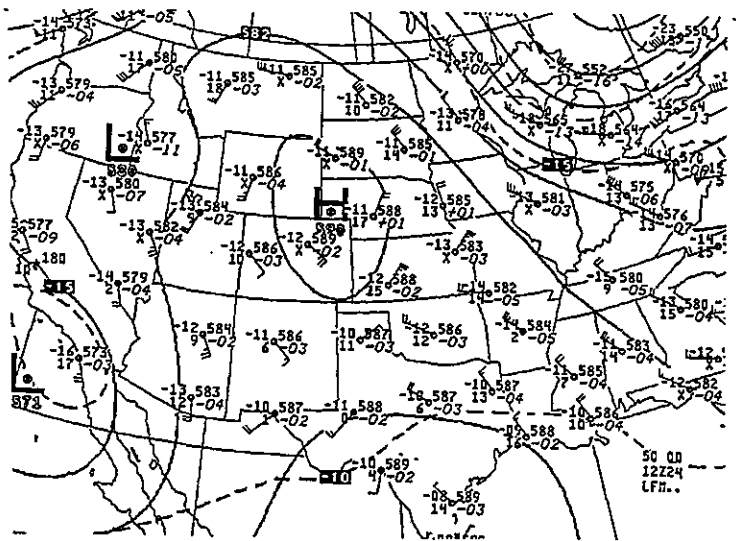


ALL SEVERE REPORTS



0600CST 10/24/92 - 0600CST 10/25/92

500 MB 12Z



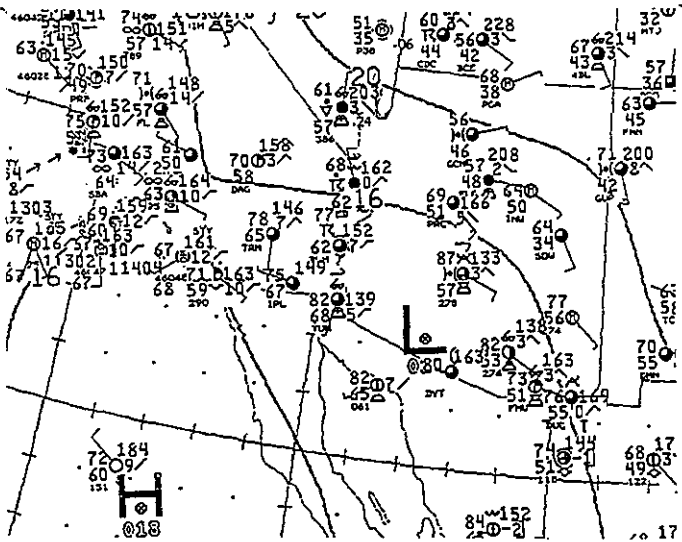
# SATURDAY OCTOBER 24TH, 1992

## SIGNIFICANT TORNADO EVENTS

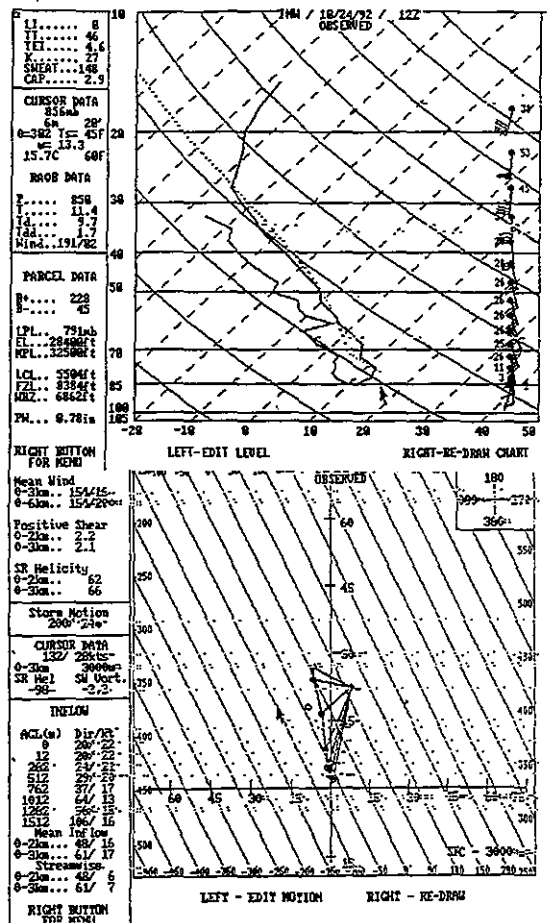
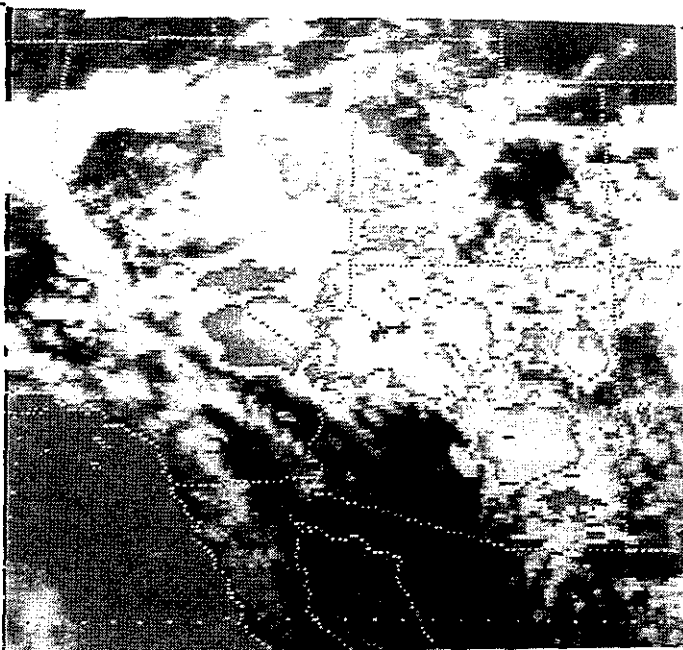
DATE TIME TOR PATH WID STATE LOCATION KIL INJ DMG  
 OCT 24 1555 F-2 5.5 200 AZ/COCONINO..15 NNE FLAGSTAFF - - -

1 TOTAL

SURFACE MAP 18Z



SATELLITE 2130Z 24 OCTOBER



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 10/31/92 - 0600CST 11/01/92

Total Non-Tornadic Reports: 95

Large Hail Reports... 48      Damaging Wind Reports... 47

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	24	13	11	0	0	0	48
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

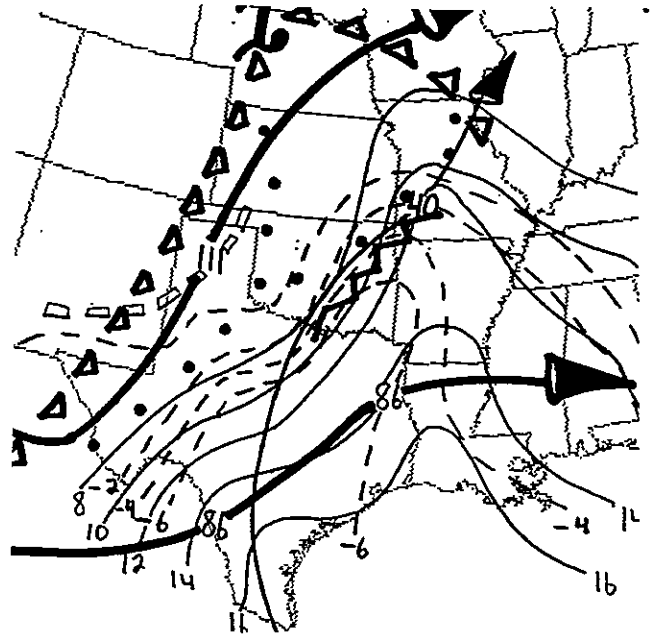
DAMAGING WIND

	WNGC	50	60	70	80	90	TOT
Wind	25	17	5	0	0	0	47
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

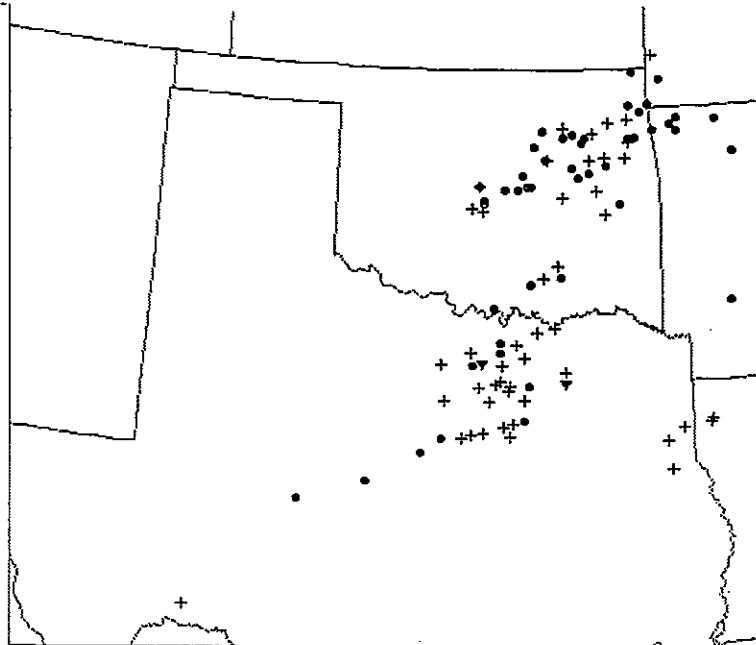
Number of Tornado Segments: 2

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	0	0	0	0	1

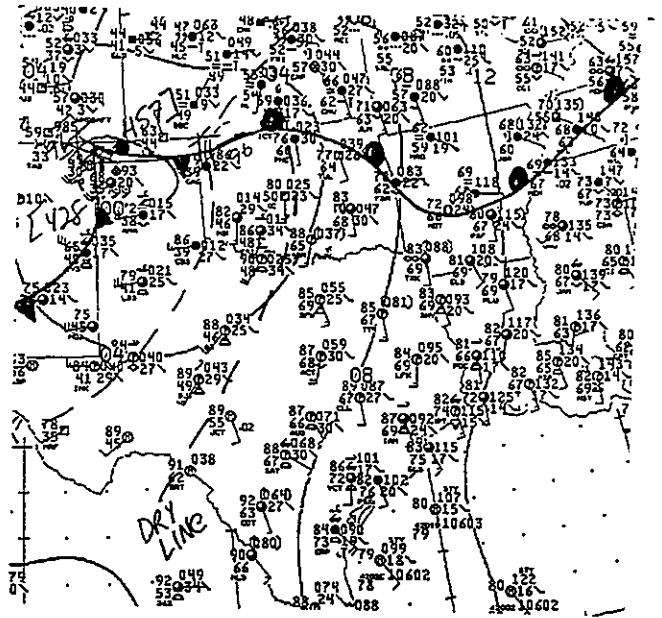


ALL SEVERE REPORTS

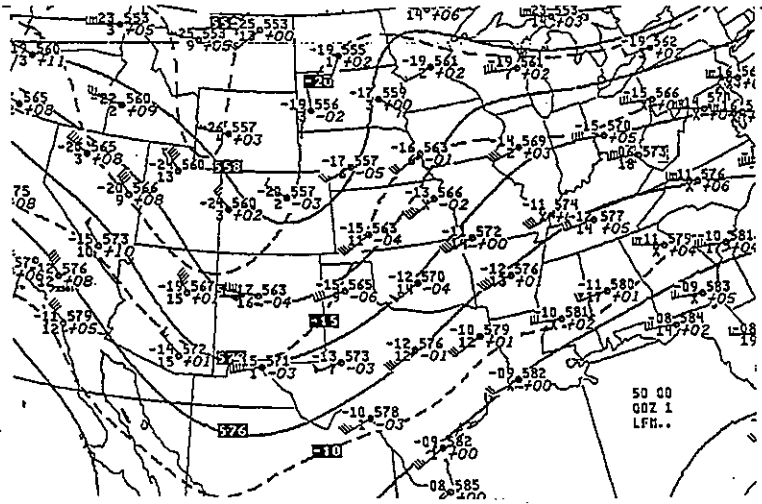


0600CST 10/31/92 - 0600CST 11/01/92

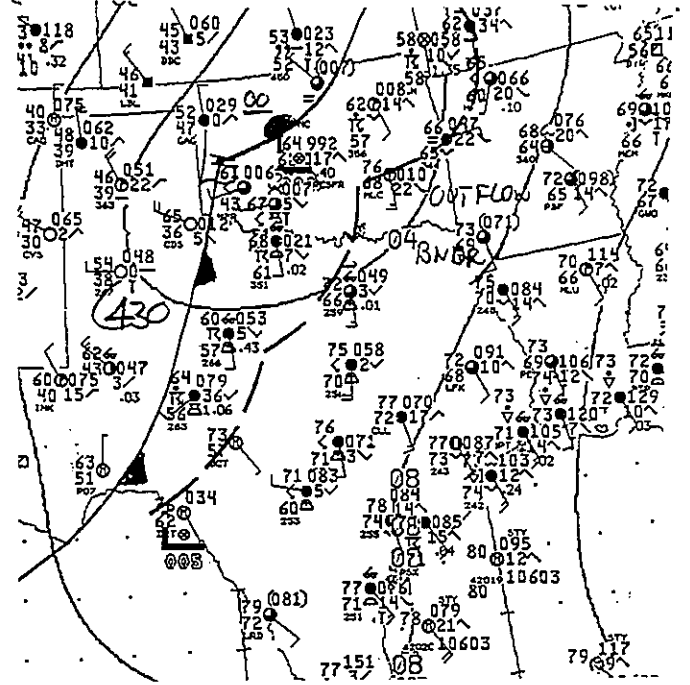
SURFACE MAP 21Z



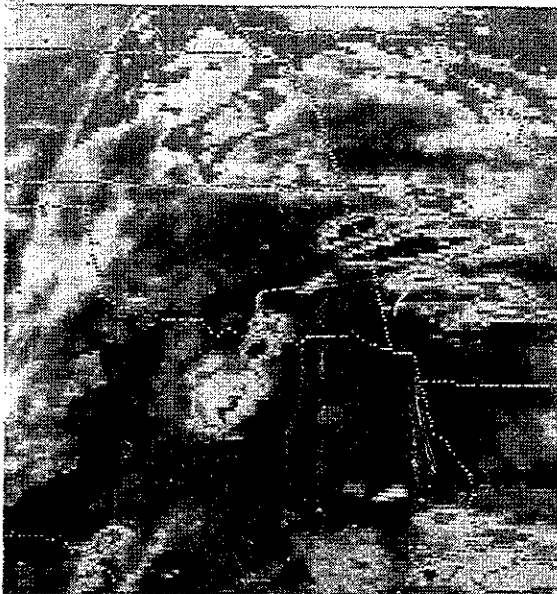
500 MB 00Z



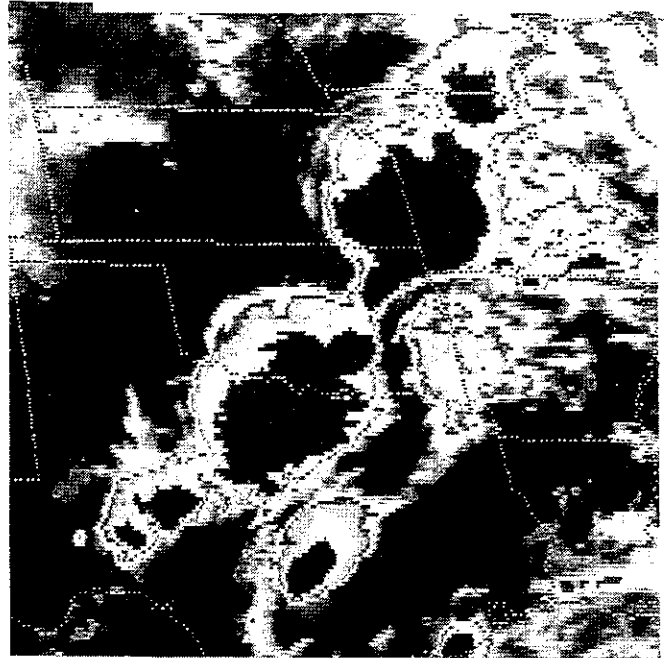
SURFACE MAP 06Z

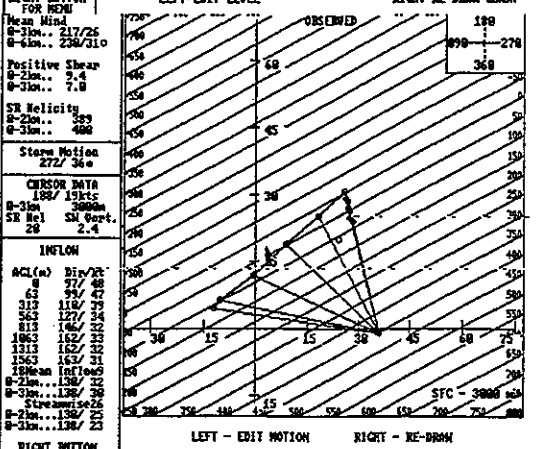
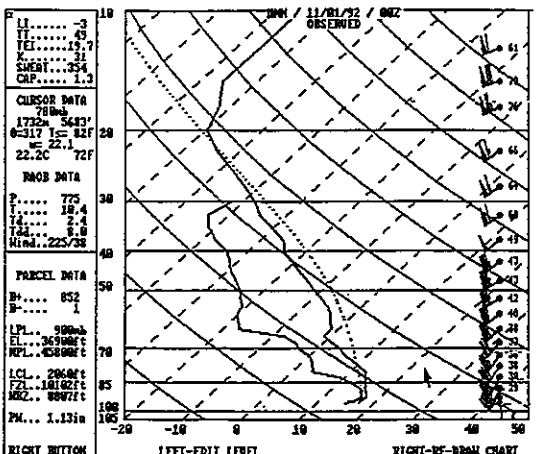
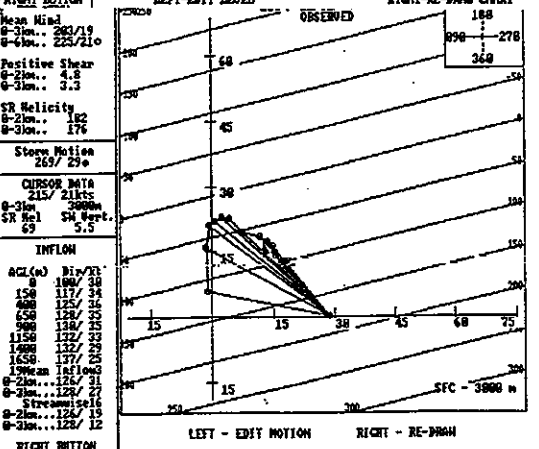
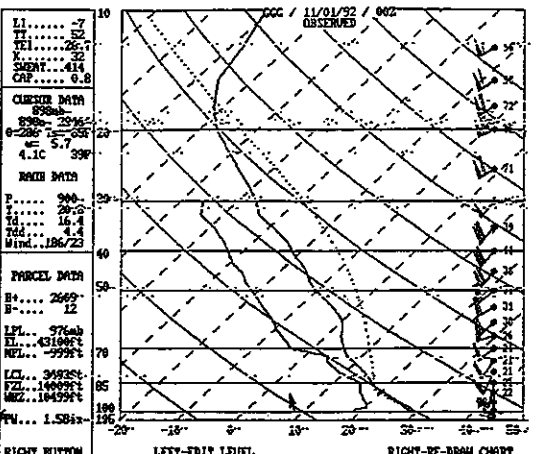
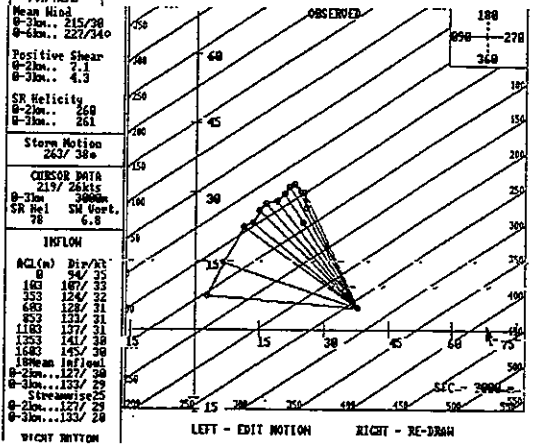
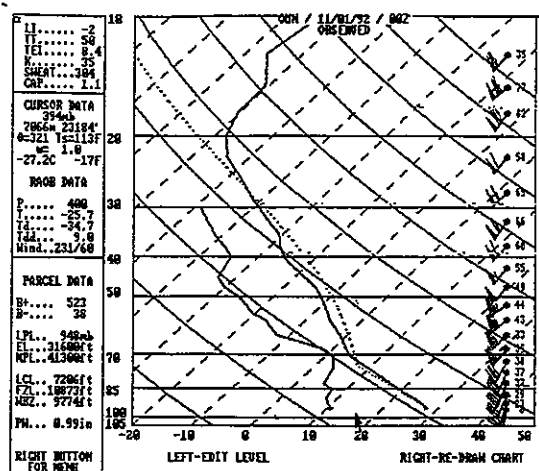
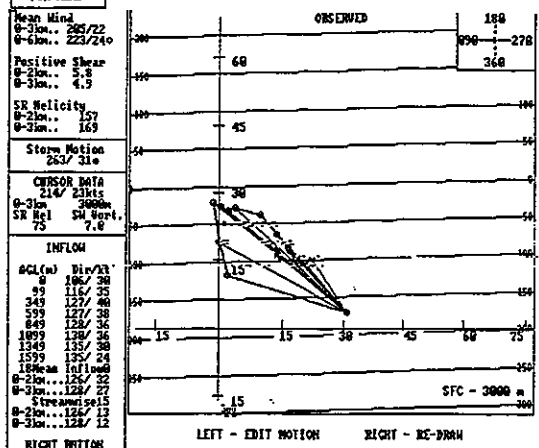
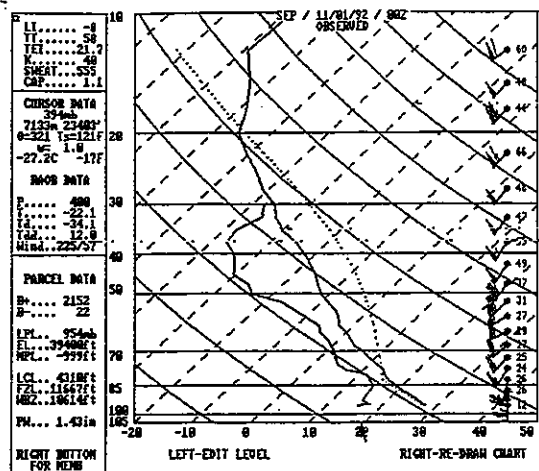


SATELLITE 00Z 1 NOVEMBER



SATELLITE 0530Z 1 NOVEMBER







# CASE NO. 51

COMPOSITE MAP 002

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 11/03/92 - 0600CST 11/04/92

Total Non-Tornadoic Reports: 47

Large Hail Reports... 26      Damaging Wind Reports... 21

**LARGE HAIL**

	075	100	150	200	300	400	TOT
Hail	6	5	14	1	0	0	26
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

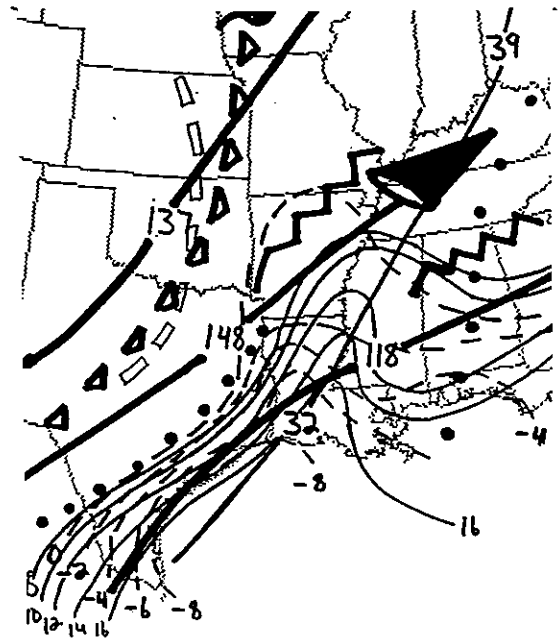
**DAMAGING WIND**

	WNDG	50	60	70	80	90	TOT
Wind	13	7	1	0	0	0	21
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

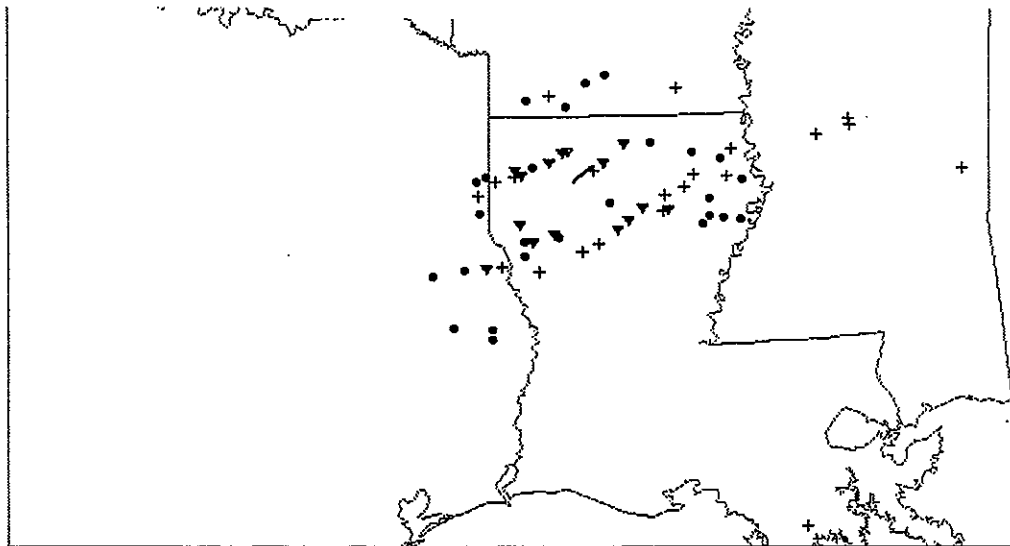
Number of Tornado Segments: 16

**TORNADO SEGMENTS**

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	14	0	1	0	0	16
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



**ALL SEVERE REPORTS**



0600CST 11/03/92 - 0600CST 11/04/92

SEVERE WEATHER REPORTS

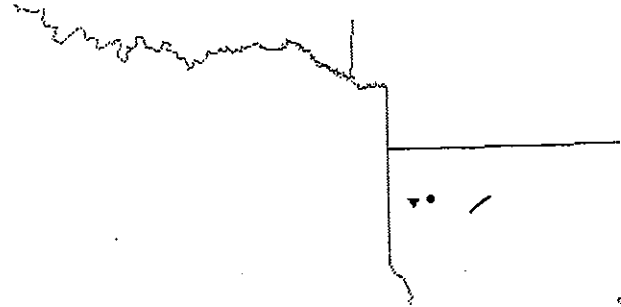
TUESDAY NOVEMBER 3RD, 1992

SIGNIFICANT TORNADO EVENTS

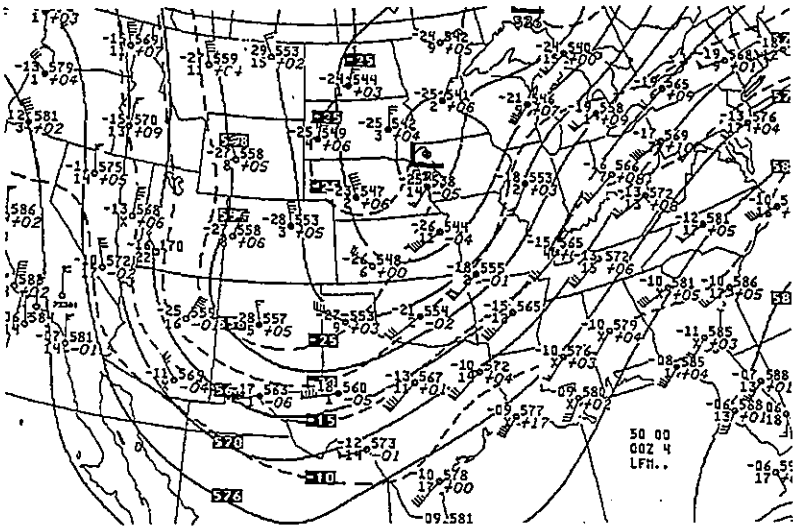
DATE	TIME	FOR	PATH WID	STATE LOCATION	KIL	INJ	DMG
NOV 3	1435	F-1	1.0 40	LA/CADDO...SHREVEPORT ARPT	-	-	1 M
NOV 3	1532	F-3	7.0 300	LA/BIENVILLE...6 W BRYCELAND	-	-	6 M
<b>2 TOTAL</b>					-	-	<b>7 M</b>

SIGNIFICANT HAIL EVENTS

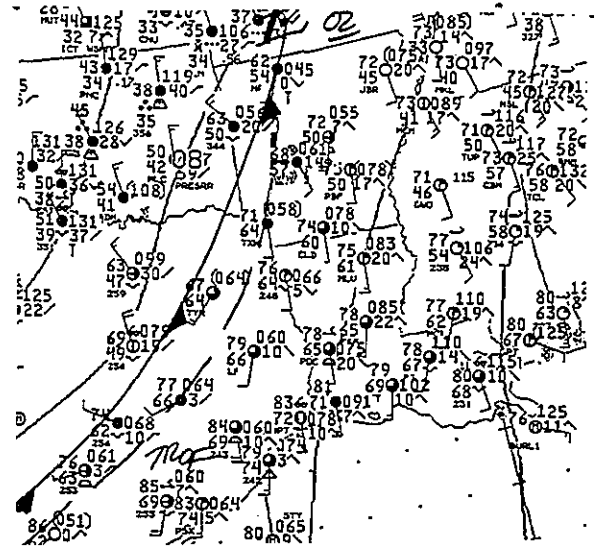
DATE	TIME	EVENT	STATE COUNTY...LOCATION	INJ	DMG	
NOV 3	1512	2.00 INCH	LA BOSSIER...3 NW HAUGHTON	-	----	
<b>1 TOTAL</b>					-	----



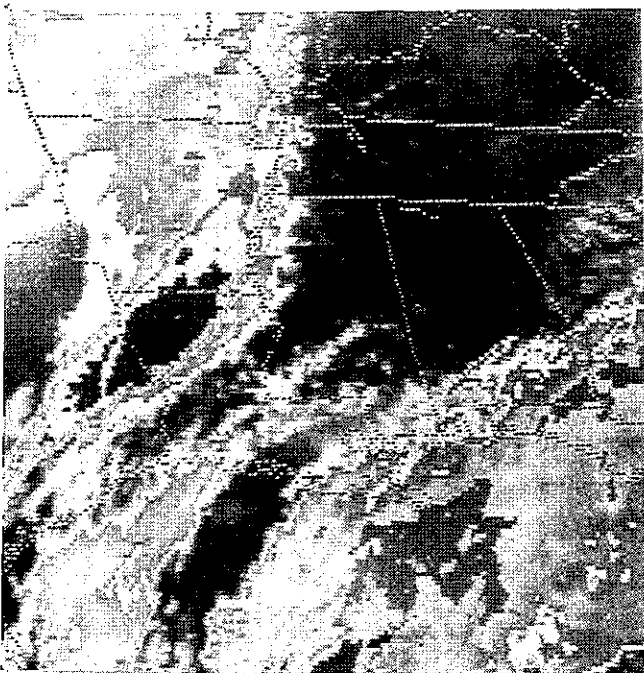
500 MB 00Z



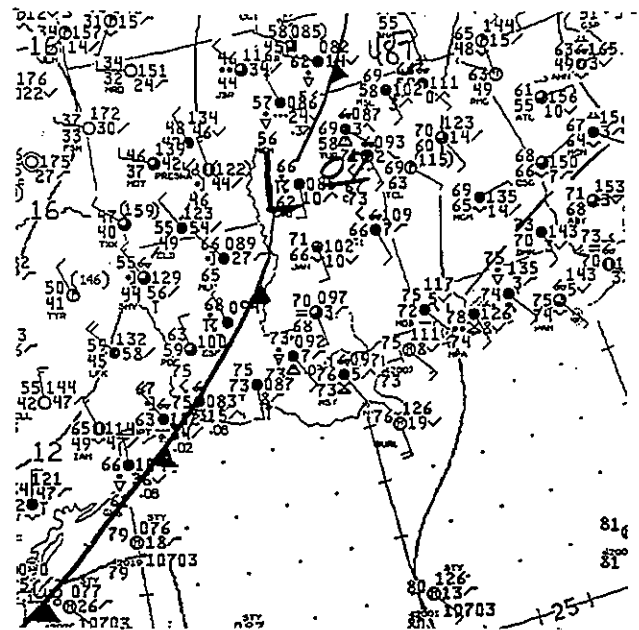
SURFACE MAP 18Z

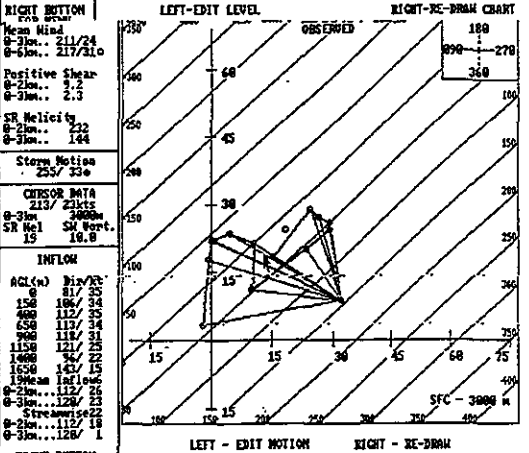
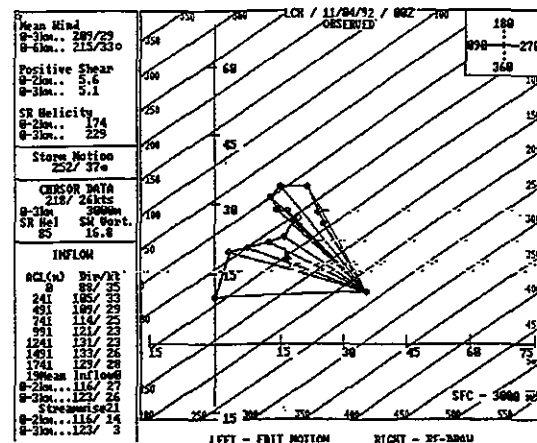
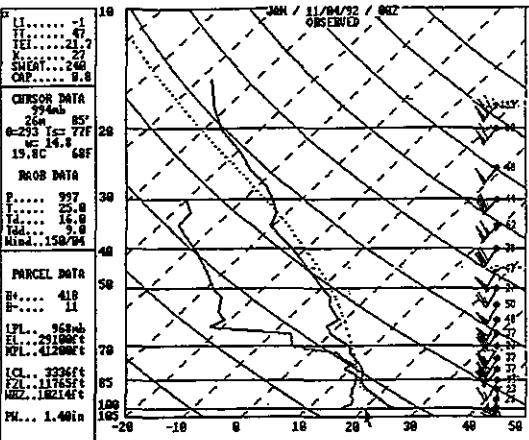
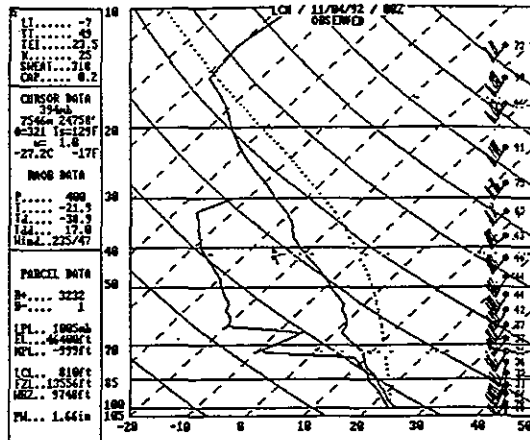
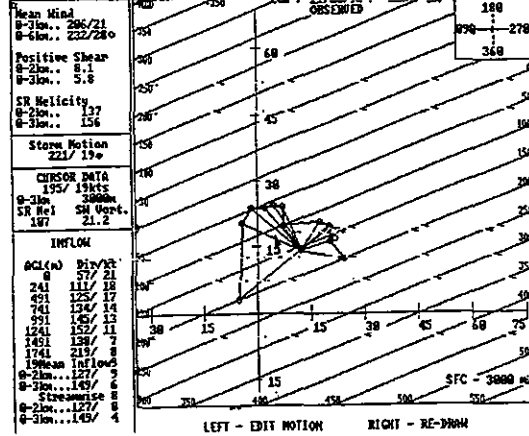
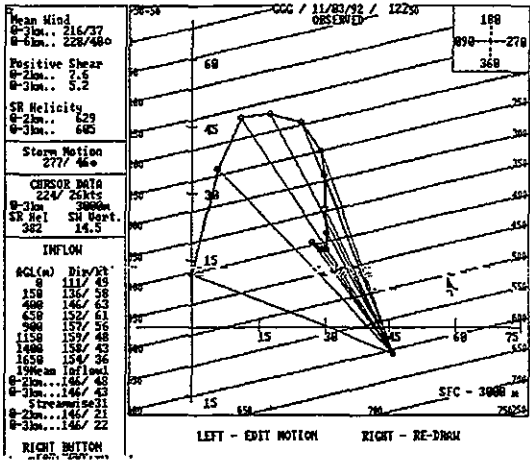
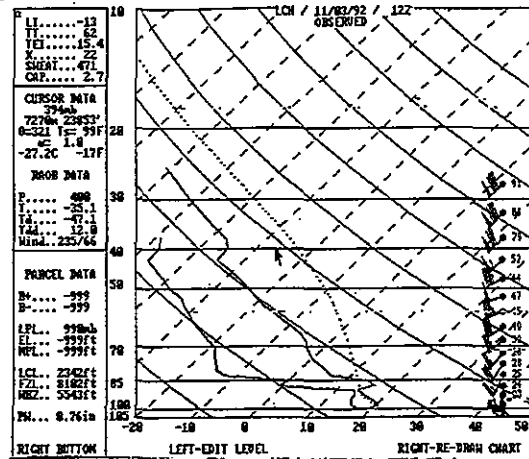
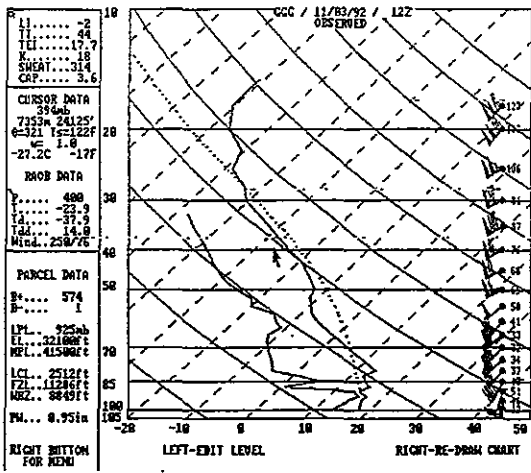


SATELLITE 22Z 3 NOVEMBER



SURFACE MAP 03Z





# CASE NO. 52

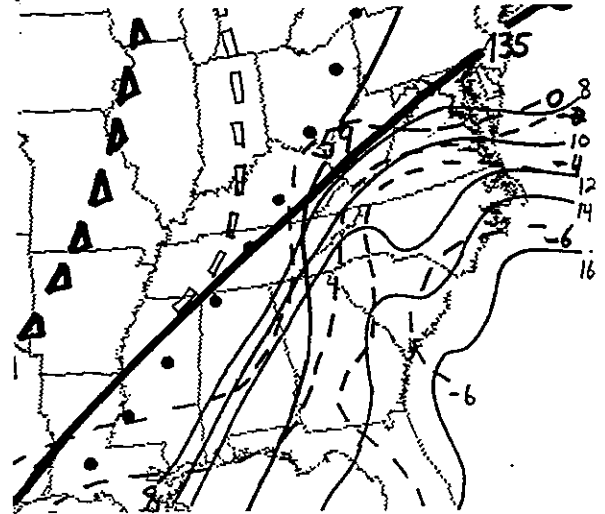
## COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 11/04/92 - 0600CST 11/05/92

Total Non-Tornadic Reports: 1

Large Hail Reports... 0 Damaging Wind Reports... 1



### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

### DAMAGING WIND

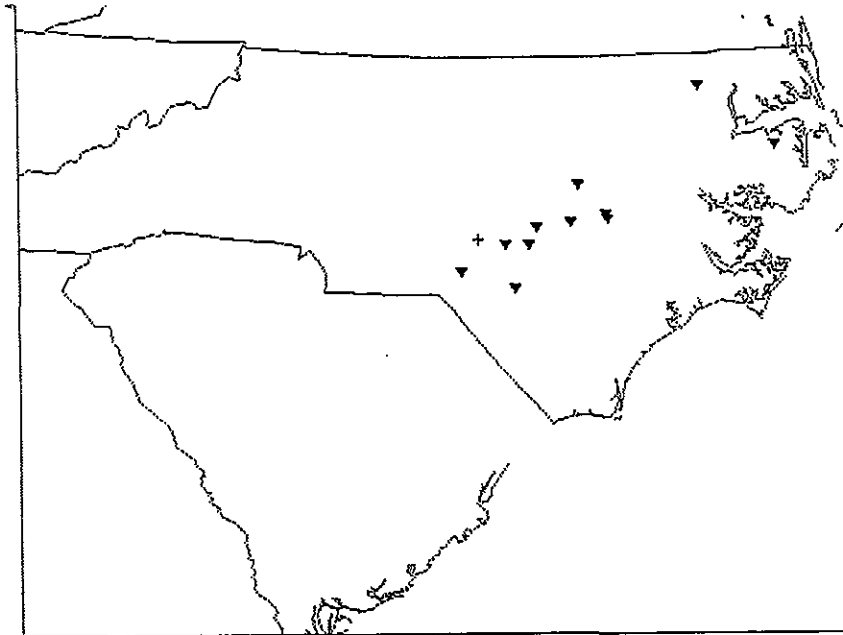
	WNDC	50	60	70	80	90	TOT
Wind	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	0	0	0	0	1

Number of Tornado Segments: 11

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	6	5	0	0	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

## ALL SEVERE REPORTS



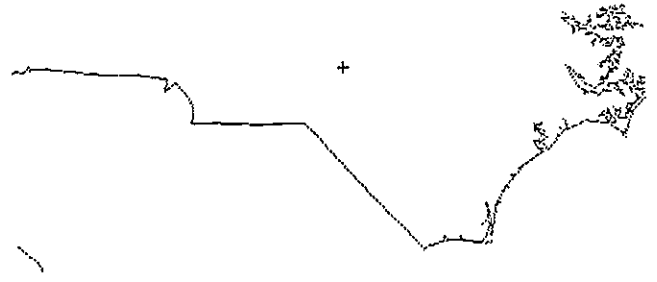
0600CST 11/04/92 - 0600CST 11/05/92

SEVERE P

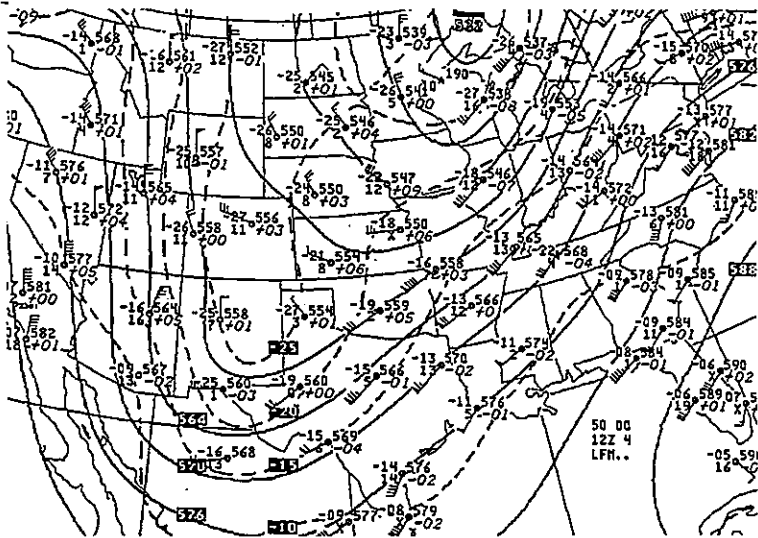
WEDNESDAY NOVEMBER 4TH, 1992

SIGNIFICANT WIND EVENTS

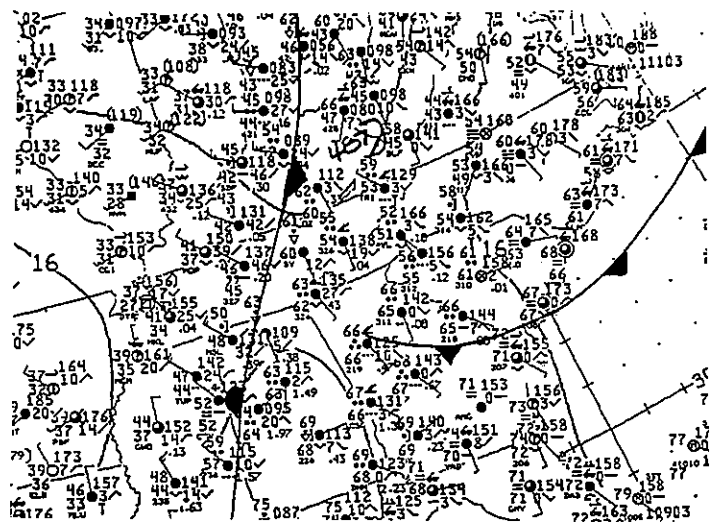
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
NOV 4	1645	WIND DAMAGE	NC	MOORE..3	S VASS	-	1	---
<b>1 TOTAL</b>						-	1	---



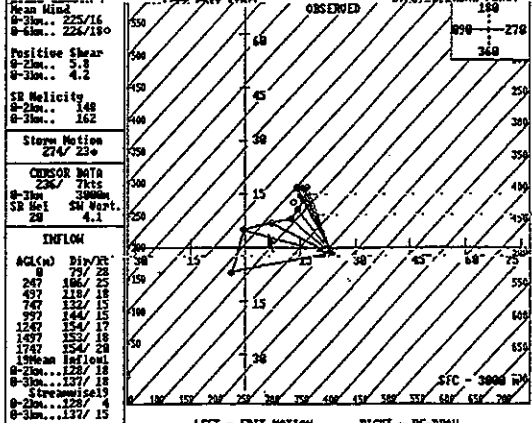
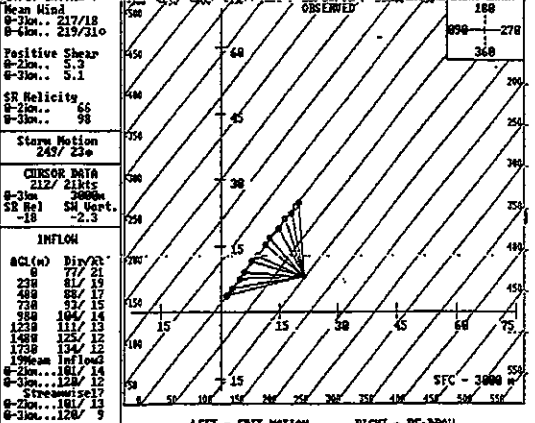
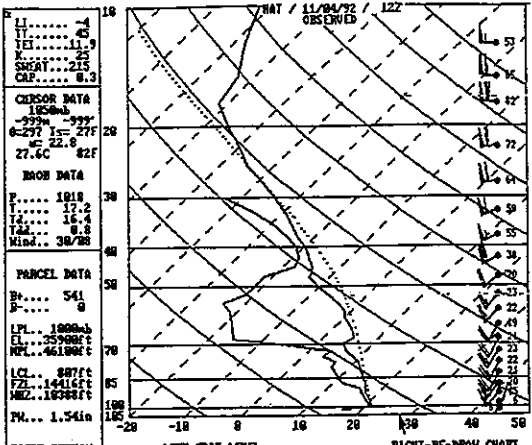
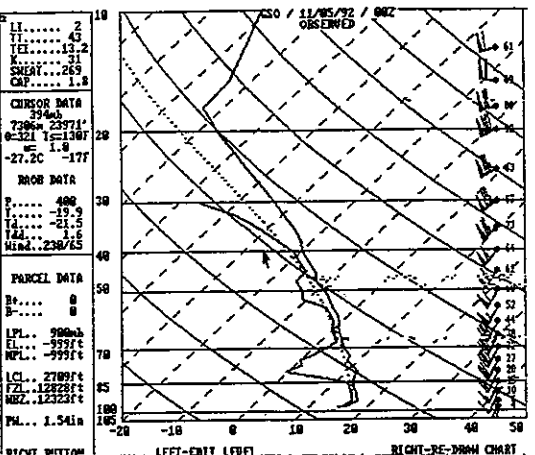
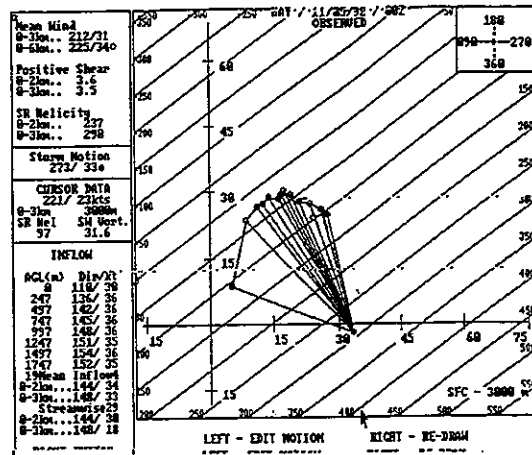
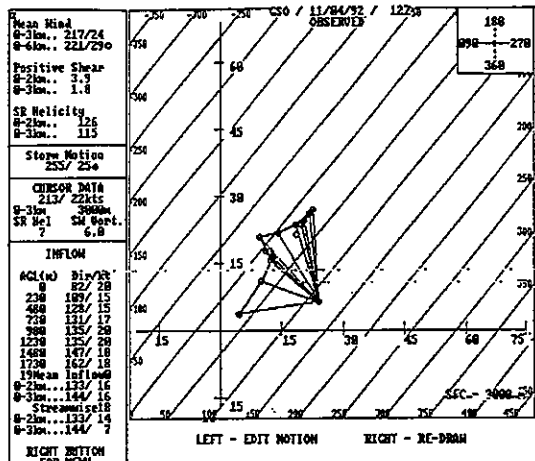
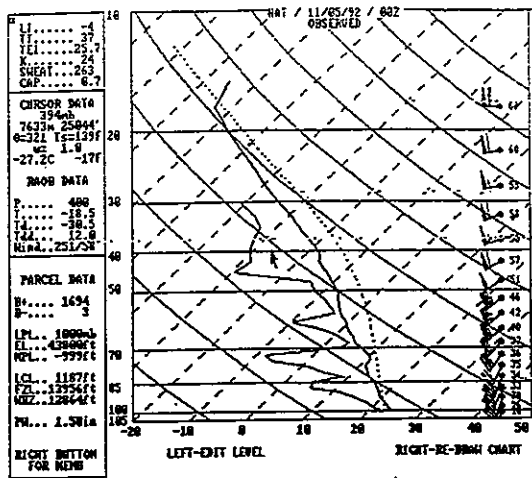
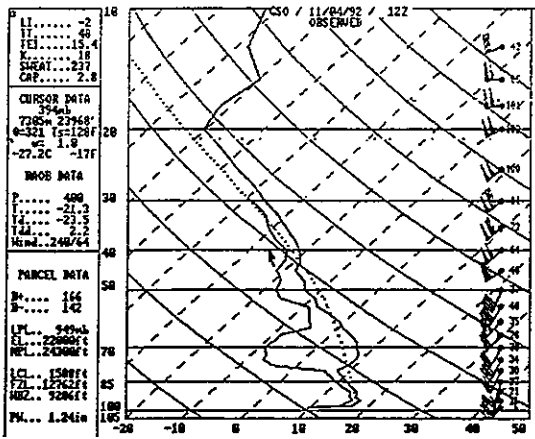
500 MB 12Z



SURFACE MAP 12Z



NO SATELLITE PHOTO AVAILABLE



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 11/21/92 - 0600CST 11/22/92

Total Non-Tornadic Reports: 52

Large Hail Reports... 9      Damaging Wind Reports... 43

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	4	2	3	0	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

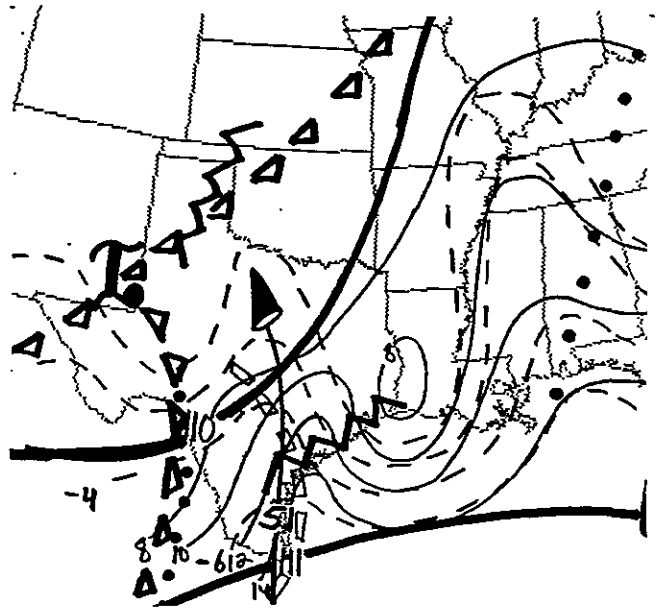
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	42	0	1	0	0	0	43
Fatalities	0	0	0	0	0	0	0
Injuries	5	0	0	0	0	0	5

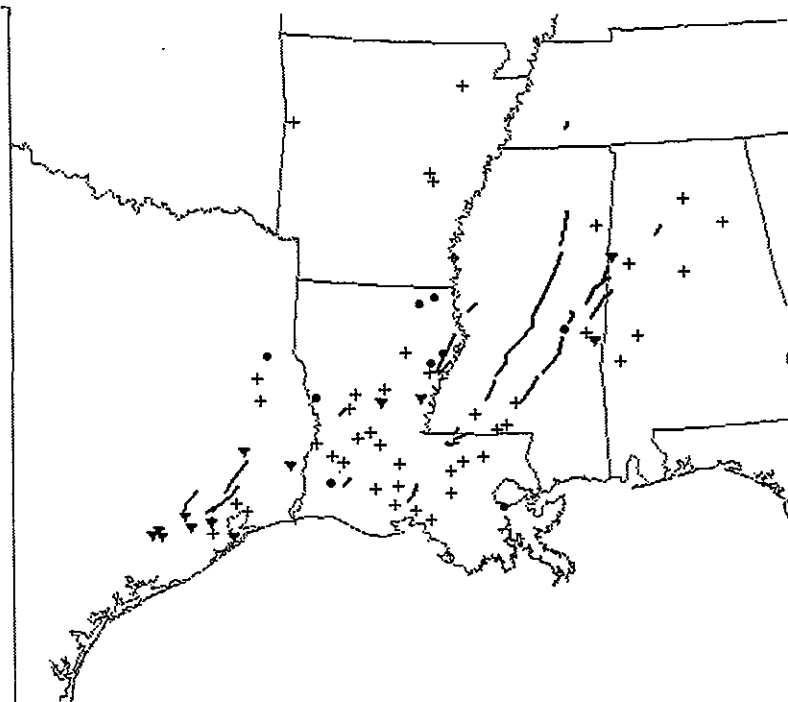
Number of Tornado Segments: 65

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	3	21	20	9	12	0	65
Fatalities	0	3	1	0	12	0	16
Injuries	0	9	44	125	158	0	336



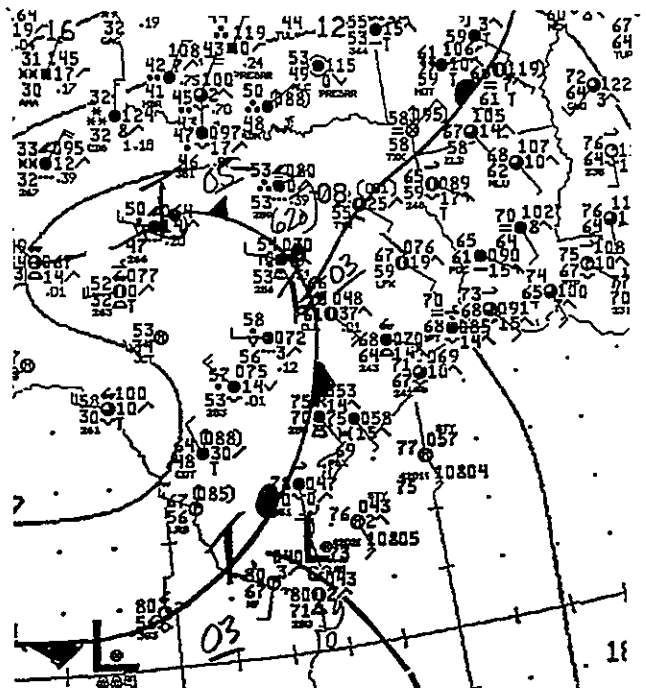
ALL SEVERE REPORTS



0600CST 11/21/92 - 0600CST 11/22/92

SEVE

SURFACE MAP 18Z



SATURDAY NOVEMBER 21ST, 1992

SIGNIFICANT WIND EVENTS

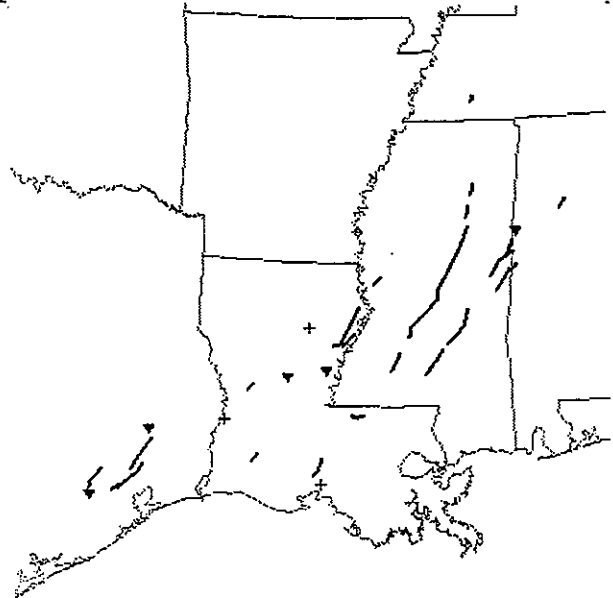
DATE	TIME	FOR	PATH	WID	STATE	LOCATION	KIL	IMJ	DMG
NOV 21	1420	F-2	4.0	200	TX/FT. BEND..5	E FULSHEAR	-	6	10M
NOV 21	1428	F-2	21.0	200	TX/HARRIS..2	SE KATY	-	5	10M
NOV 21	1440	F-1	1.0	200	TX/FT. BEND..2	N RICHMOND	-	-	1 M
NOV 21	1520	F-2	12.0	200	TX/HARRIS..2	SSW HOUSTON	-	6	10M
NOV 21	1527	F-3	28.0	300	TX/LIBERTY..17	NE IAH	-	1	1 M
NOV 21	1549	F-1	10.0	200	TX/LIBERTY..8	SW DAYTON	-	1	---
NOV 21	1612	F-2	2.0	200	TX/POLK..10	SE LIVINGSTON	-	-	---
NOV 21	1912	F-2	6.0	150	LA/VERNON/SLAGLE		-	-	---
NOV 21	1930	F-3	6.0	75	LA/CALCASIEU..1	SW IOWA	-	2	1 M
NOV 21	2050	F-2	0.5	150	LA/RAPIDES..TIOGA		-	-	---
NOV 21	2130	F-2	15.0	75	LA/ IBERIA/ST. MARTIN CO.		-	4	---
NOV 21	2145	F-2	0.5	100	LA/CATAHOULA..BARHAMS		-	-	---
NOV 21	2145	F-3	3.0	100	LA/CONCORDIA..MONTEREY		-	6	---
NOV 21	2145	F-3	38.0	200	LA CATAHOULA/TENSAS/HADISON		11	1 M	
NOV 21	2200	F-2	13.0	100	LA/IBERIA..8	NE ST. FRANCESVILLE	-	-	---
NOV 21	2218	F-2	16.0	100	LA/TENSAS..2	W GOLDMAN	-	-	---
NOV 21	2250	F-2	16.0	440	MS LINCOLN/COPIAH CO.		-	-	---
NOV 21	2323	F-3	27.0	880	MS JEFFERSON DAVIS/COVINGTON		105	10M	
NOV 21	2327	F-4	128.0	880	MS COPIAH TO CHOCTAW CO.		12	122 10M	
NOV 21	2330	F-1	10.0	440	MS/SARKEY..2	N VALLEY PARK	-	4	---
NOV 22	0014	F-4	40.0	1760	MS/SMITH TO NEWTON CO.		-	20	10M
NOV 22	0122	F-1	9.0	200	MS WEBSTER/CHICKASAW CO.		2	-	---
NOV 22	0215	F-2	27.0	880	MS KEMPER/NOXUBEE CO.		1	1	---
NOV 22	0245	F-1	7.0	100	MS/CHICKASAW..5	SSW HOULKA	-	2	---
NOV 22	0245	F-2	15.0	440	MS/NOXUBEE..3	E MCLEOD	-	-	15
NOV 22	0245	F-2	23.0	880	MS/KEMPER..3	NE DALEVILLE	-	-	---
NOV 22	0330	F-2	2.0	125	AL/PICKENS..ETHELSVILLE		-	7	1 M
NOV 22	0350	F-1	15.0	75	TN/HARDEMAN..BOLIVAR		1	3	---
NOV 22	0518	F-1	10.0	45	AL/WALKER..OAKMAN		-	-	1 M

29 TOTAL 16 321 66M

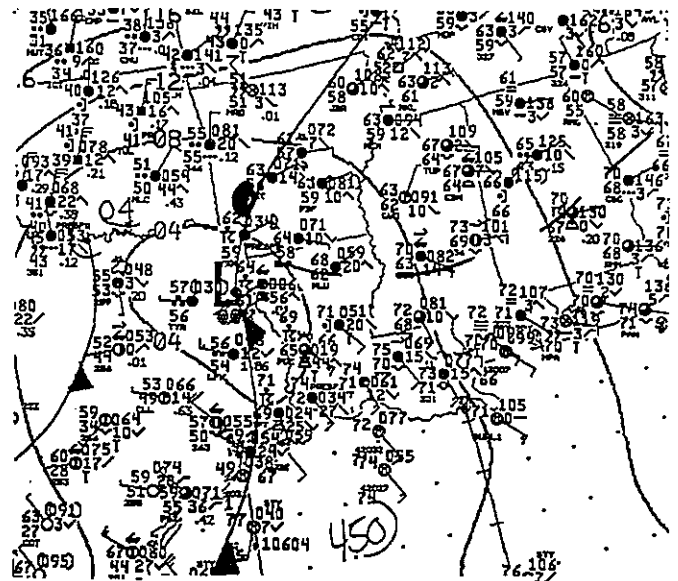
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	IMJ	DMG
NOV 21	1822	WIND DAMAGE	LA	SABINE/BEAUREGARD		-	2	---
NOV 21	2200	WIND DAMAGE	LA	CALDWELL/3 SE COLUMBIA		-	2	---
NOV 21	2200	WIND DAMAGE	LA	IBERIA/4 W JEANERETTE		-	1	---

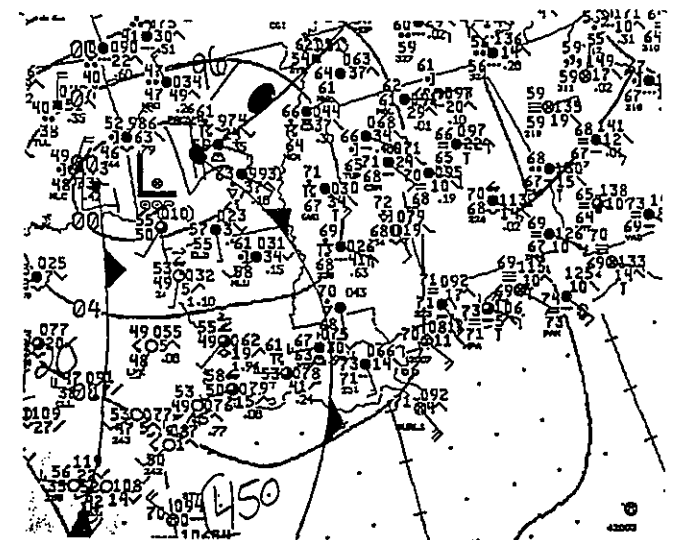
3 TOTAL - 5 ---



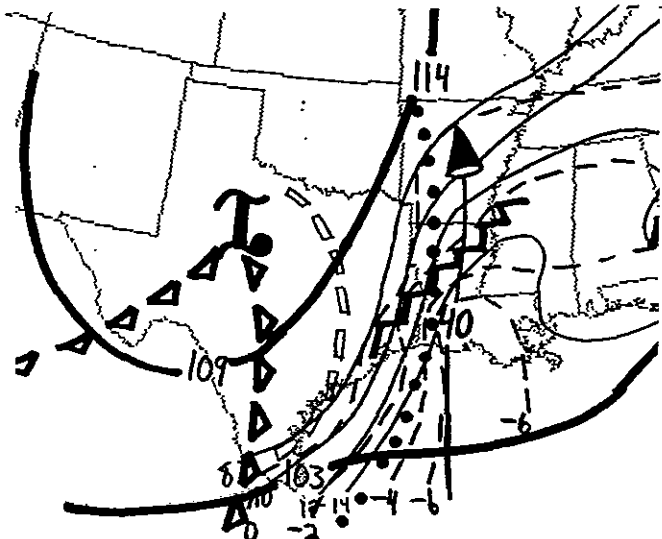
SURFACE MAP 00Z



SURFACE MAP 06Z

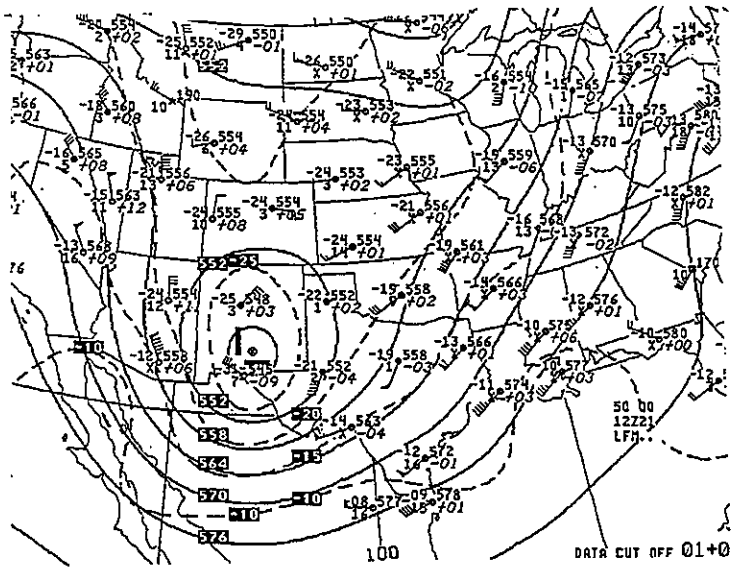


COMPOSITE MAP 00Z

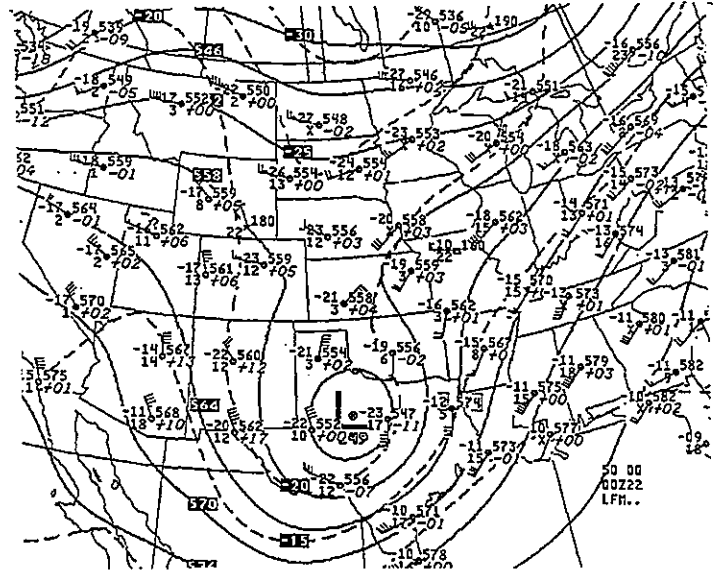




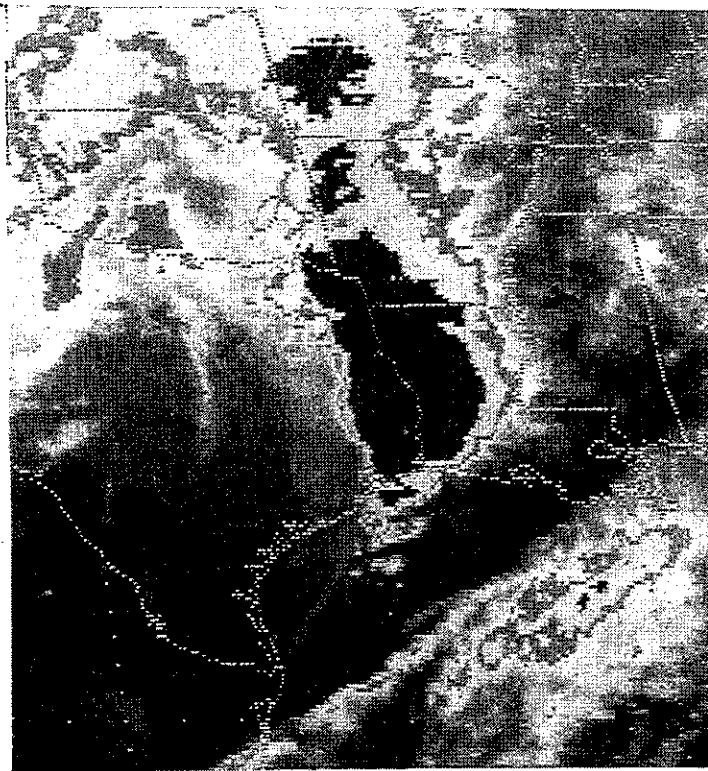
500 MB 12Z



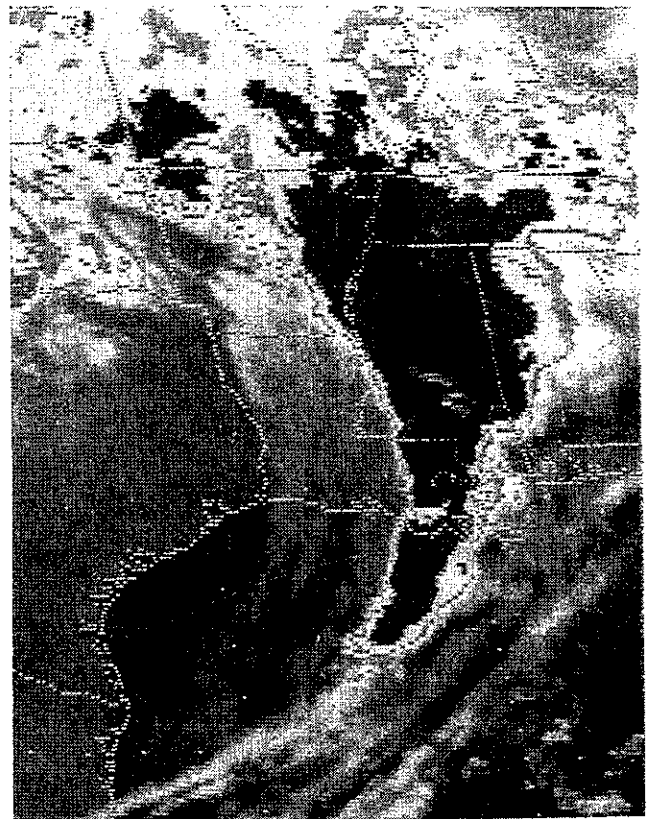
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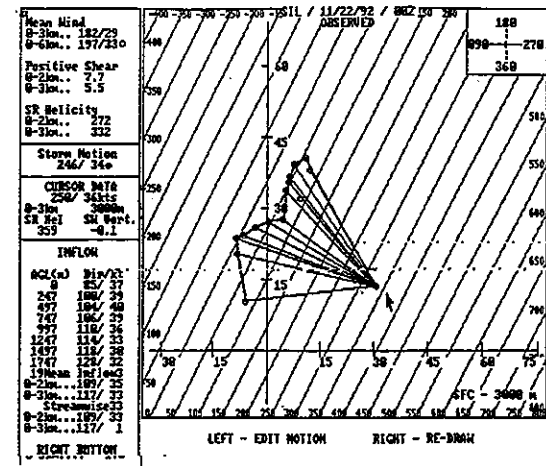
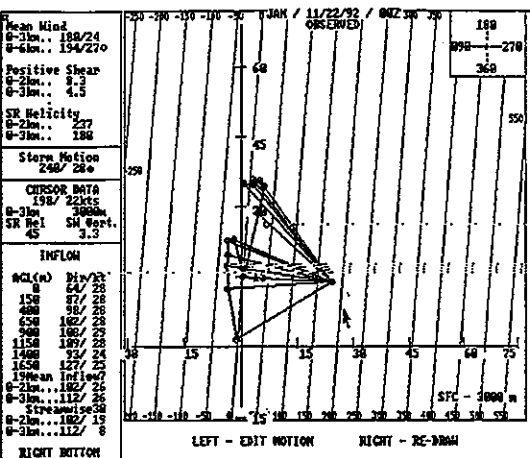
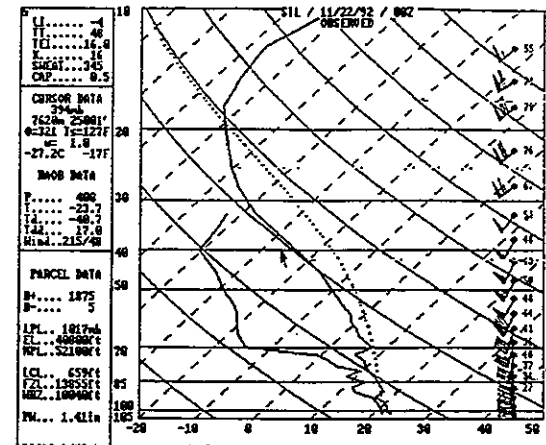
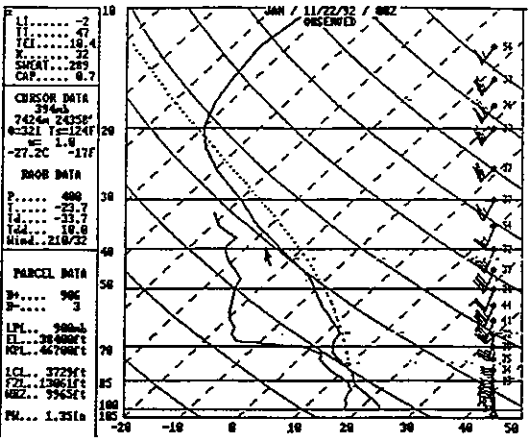
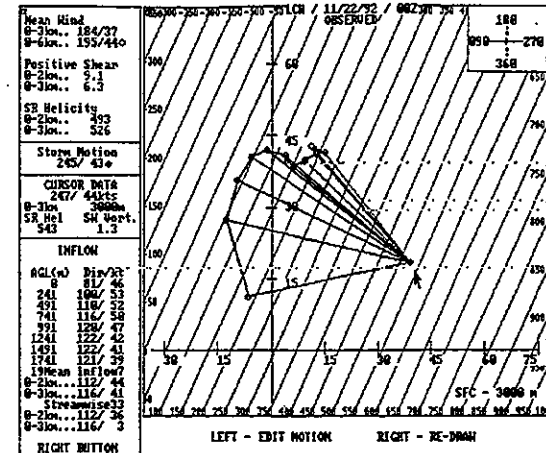
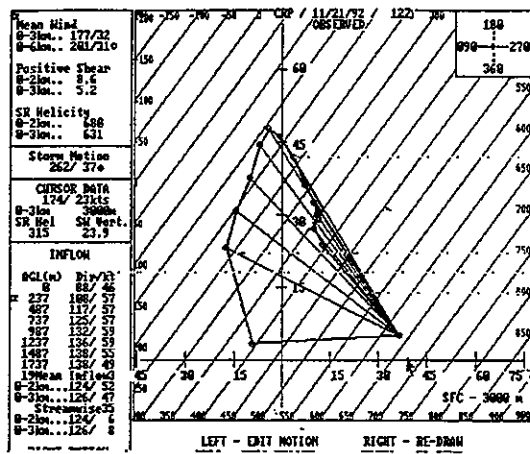
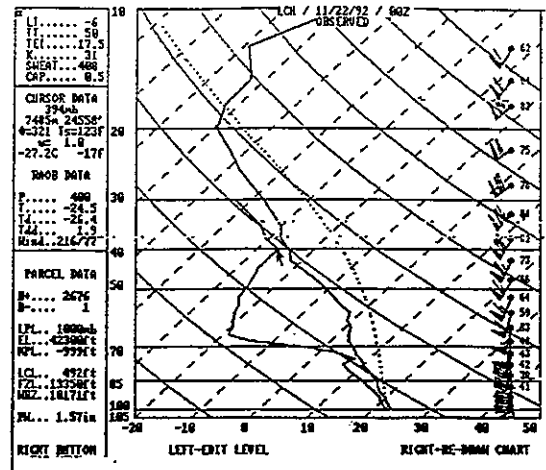
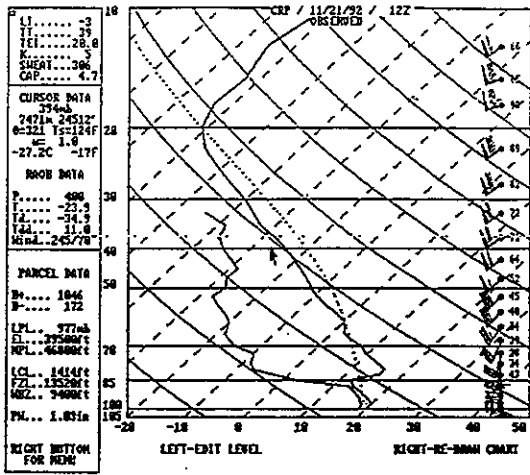


SATELLITE 23Z 21 NOVEMBER



SATELLITE 0530Z 22 NOVEMBER



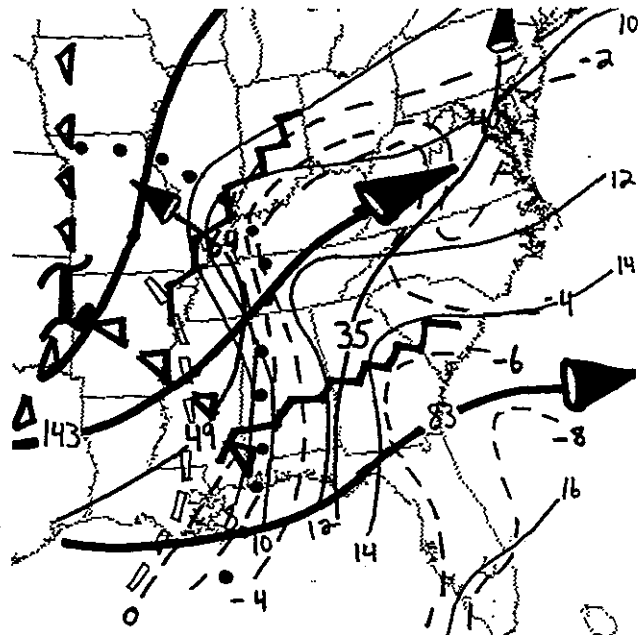


National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 11/22/92 - 0600CST 11/23/92

Total Non-Tornadic Reports: 71

Large Hail Reports... 23 Damaging Wind Reports... 48



LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	10	6	6	1	0	0	23
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

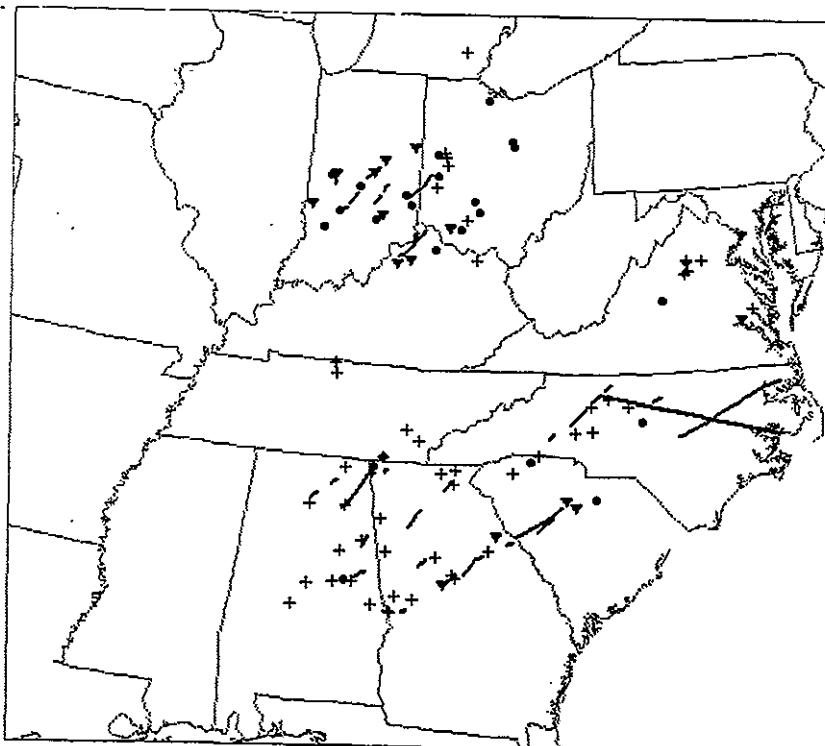
	WNDG	50	60	70	80	90	TOT
Wind	47	0	0	0	1	0	48
Fatalities	0	0	0	0	0	0	0
Injuries	2	0	0	0	0	0	2

Number of Tornado Segments: 80

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	8	25	20	22	5	0	80
Fatalities	0	0	0	4	6	0	10
Injuries	0	25	35	74	141	0	275

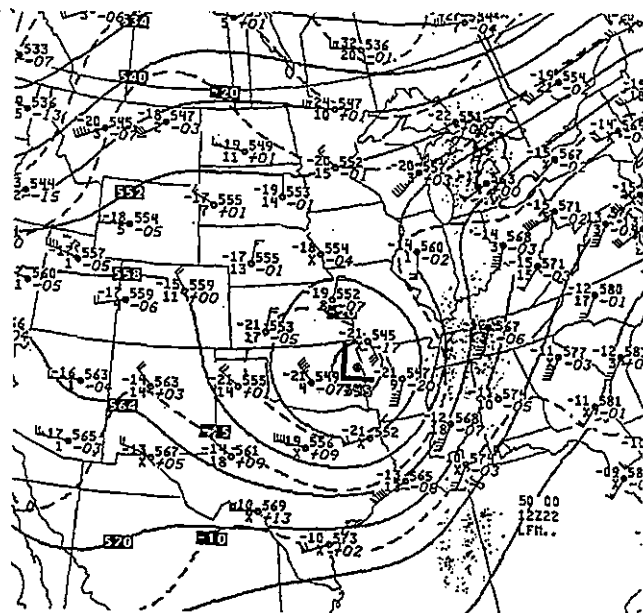
ALL SEVERE REPORTS



0600CST 11/22/92 - 0600CST 11/23/92

SEVERE

500 MB 12Z

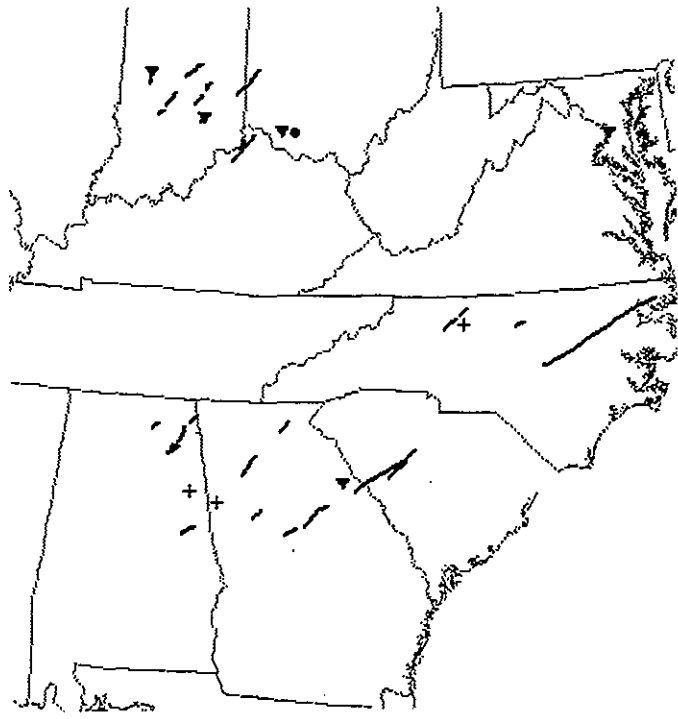


SUNDAY NOVEMBER 22ND, 1992

SIGNIFICANT TORNADO EVENTS

DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
NOV 22	0655	F-2	6.0 100	AL	MADISON..3 SW NEW HOPE	-	5	1 M
NOV 22	0800	F-1	6.0 50	AL	DEKALB..3 E FYFFE	-	8	---
NOV 22	0815	F-2	5.0 75	AL	DEKALB..DAWSON	-	6	---
NOV 22	0815	F-2	12.0 75	AL	DEKALB..2 SE DAWSON	-	6	---
NOV 22	0820	F-0	3.0 25	AL	DEKALB..5 S FYFFE	-	1	---
NOV 22	0840	F-2	7.0 75	AL	DEKALB..3 S IDER	-	4	---
NOV 22	0850	F-1	17.0 50	AL	RANDOLPH..WADLEY	-	5	1 M
NOV 22	1044	F-4	24.0 880	GA	CORD/CHEROKEE CO.	-	46	7 M
NOV 22	1210	F-3	10.0 880	GA	LOUPEKIN..3 NNE DAHLNOGEA	1	7	2 M
NOV 22	1304	F-2	10.0 100	GA	SPALDING/HENRY CO.	-	3	2 M
NOV 22	1335	F-3	5.3 880	IN	MONROE..1.8 WNW ELLETTSVILLE	3	---	---
NOV 22	1350	F-3	12.0 880	IN	PUTNAM/MONTGOMERY CO.	-	1	2 M
NOV 22	1355	F-3	15.0 880	IN	MORGAN..4 WSW MARTINSVILLE	-	1	1 M
NOV 22	1407	F-1	2.5 200	IN	MONTGOMERY..1 E PARKERSBURG	1	---	---
NOV 22	1445	F-3	9.0 440	IN	MARION..5 NNE INDIANAPOLIS	-	4	M
NOV 22	1500	F-2	10.0 100	GA	MONROE/JONES CO.	-	1	---
NOV 22	1505	F-3	10.0 50	IN	SHELBY..1 SSE MARIETTA	-	-	1 M
NOV 22	1520	F-2	2.0 100	IN	HAMILTON..2.5 SSW LAPEL	-	-	---
NOV 22	1534	F-2	4.9 50	IN	BARTHOLOMEW/DECATUR CO.	-	-	---
NOV 22	1545	F-2	7.5 50	IN	SHELBY/HANCOCK/RUSH CO.	-	-	---
NOV 22	1545	F-4	32.0 880	GA	PUTNAM/GREENE CO.	5	86	23M
NOV 22	1552	F-4	16.0 60	KY	CARROLL COUNTY	1	9	1 M
NOV 22	1605	F-2	9.7 75	IN	SWITZERLAND..1 WSW FLORENCE	-	1	1 M
NOV 22	1635	F-2	12.0 200	IN	UNION/WAYNE CO.	-	-	1 M
NOV 22	1640	F-1	1.0 50	GA	WILKES..AONIA	-	1	---
NOV 22	1700	F-2	5.0 50	GA	LINCOLN..6 SW LINCOLNTON	-	-	---
NOV 22	1700	F-3	20.0 500	OH	PREBLE/DARKE CO.	-	21	10M
NOV 22	1700	F-3	62.0 400	SC	MCCORMICK COUNTY	1	9	1 M
NOV 22	1715	F-1	1.0 60	OH	BROWN..3 W MT. ORAB	-	-	1 M
NOV 22	1800	F-2	30.0 550	SC	SALUDA COUNTY	-	-	1 M
NOV 22	2220	F-1	31.0 800	NC	YADKIN/STOKES CO.	-	13	---
NOV 23	0120	F-3	5.5 1200	NC	ORANGE COUNTY	2	10	2 M
NOV 23	0200	F-1	1.0 30	MD	FRINCE GEORGES..SILVER HILL	-	-	2 M
NOV 23	0310	F-3	160.0 100	NC	SEVERAL COUNTIES	-	49	2 M

34 TOTAL 10 296 66M



SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
NOV 22	1840	2.75 INCH	OH	HIGHLAND..MOWRYSTOWN	-	---

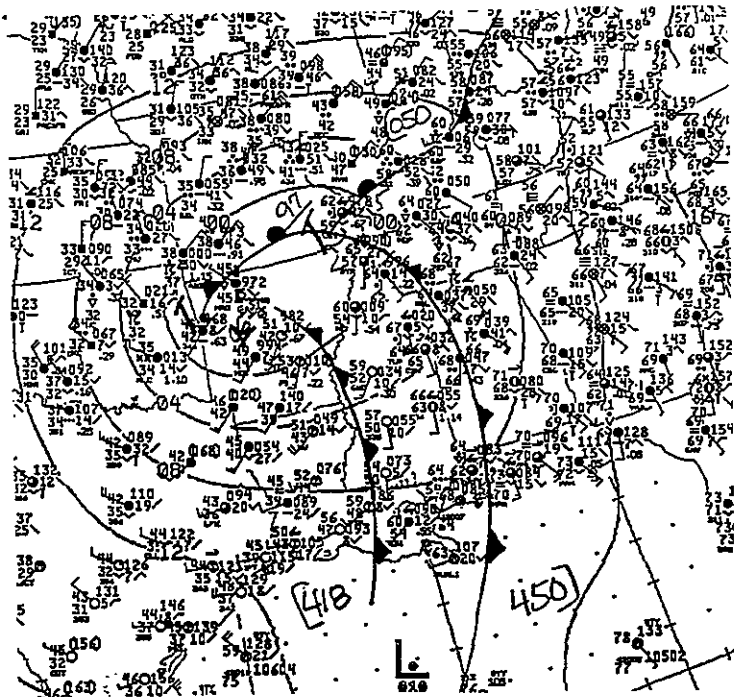
1 TOTAL - - - -

SIGNIFICANT WIND EVENTS

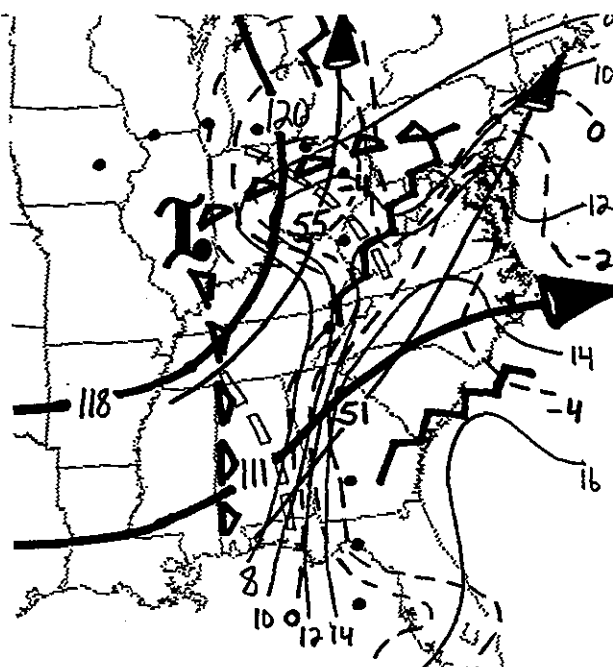
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
NOV 22	0910	WIND DAMAGE	AL	CLEBURN..7 N HOLLIS	-	1	---
NOV 22	1000	WIND DAMAGE	GA	CARROLL/DOUGLAS CO.	-	1	---
NOV 22	2250	81 MPH GUST	NC	FORSYTH..WINSTON-SALEM	-	-	---

3 TOTAL - 2 - - -

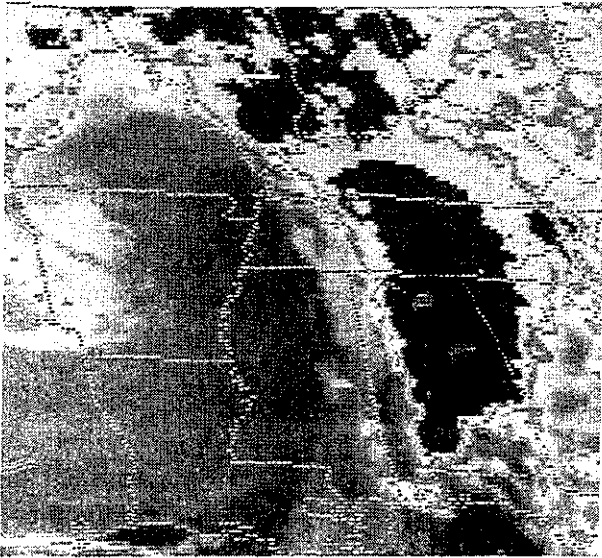
SURFACE MAP 12Z



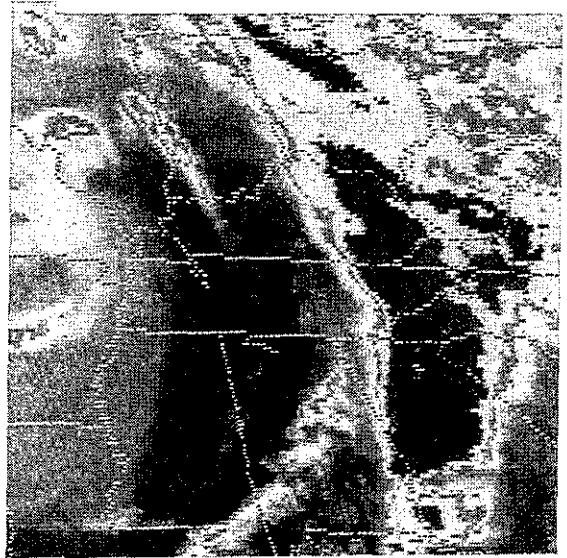
COMPOSITE MAP 00Z



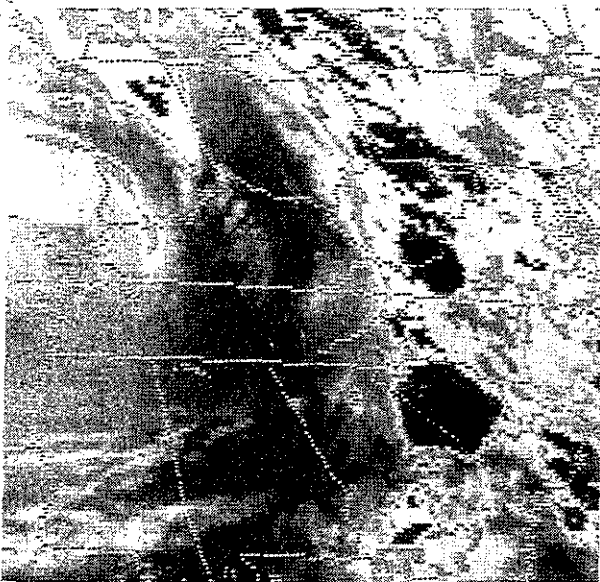
SATELLITE 12Z 22 NOVEMBER



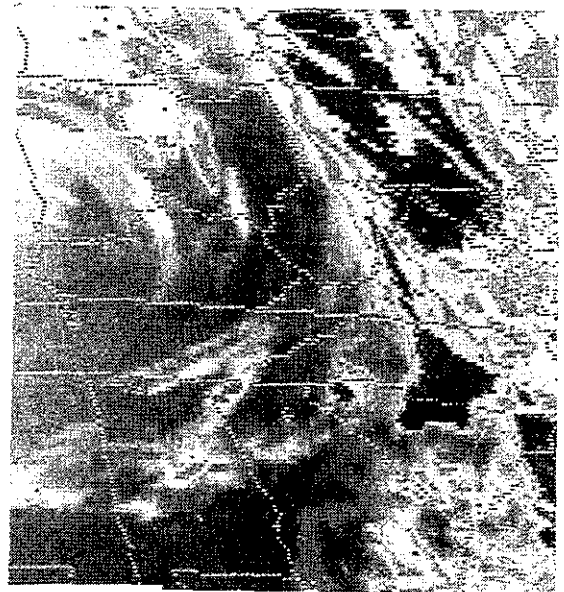
SATELLITE 18Z 22 NOVEMBER



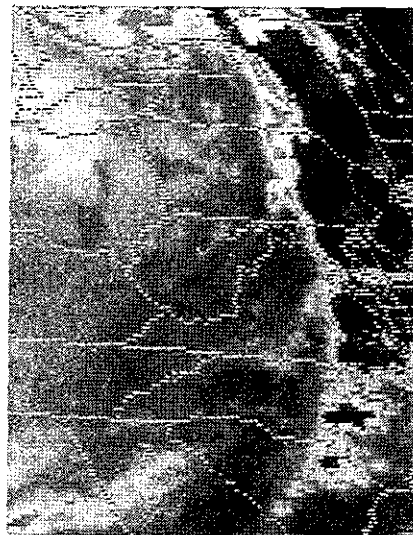
SATELLITE 22Z 22 NOVEMBER



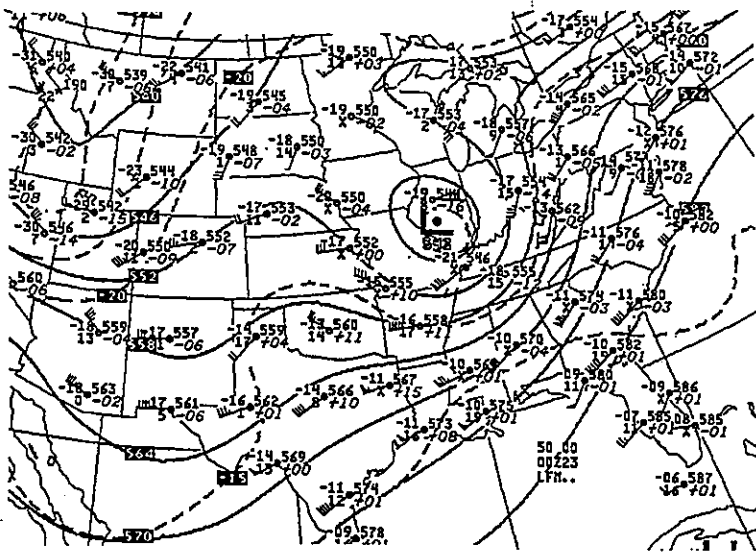
SATELLITE 01Z 23 NOVEMBER



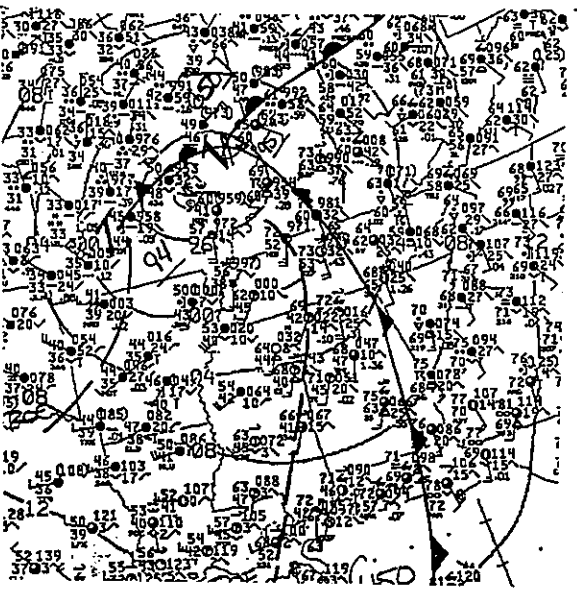
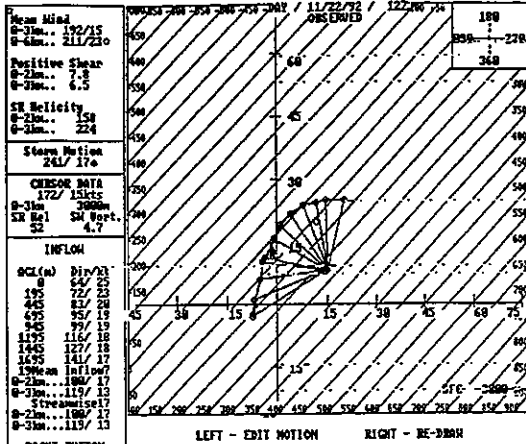
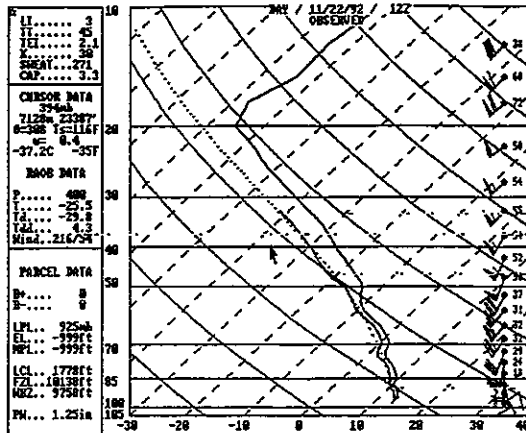
SATELLITE 08Z 23 NOVEMBER



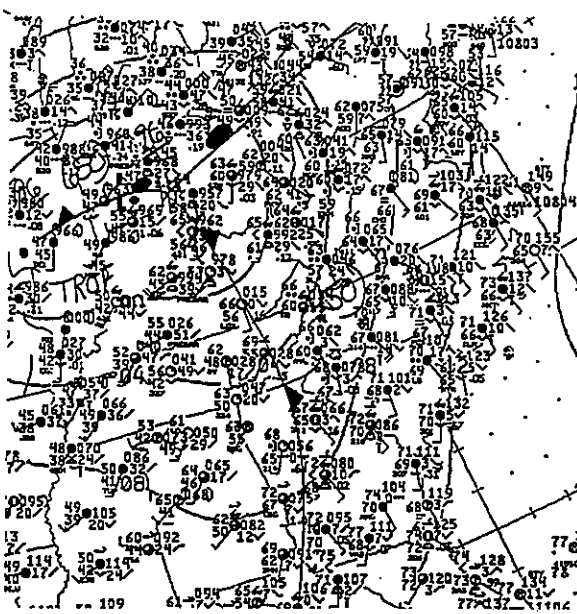
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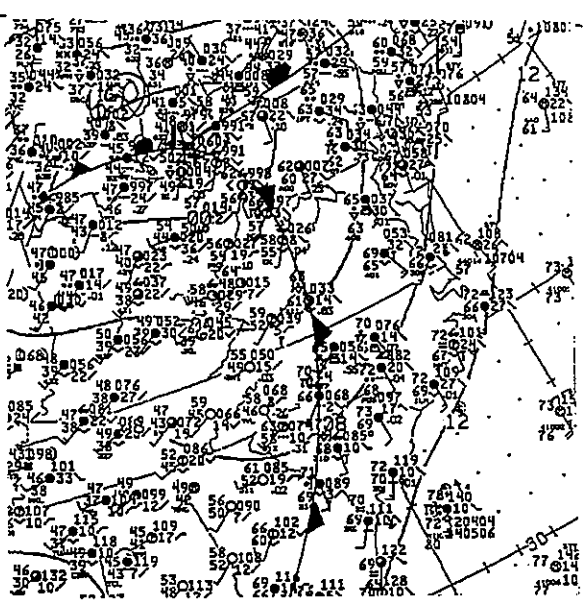
SURFACE MAP 18Z

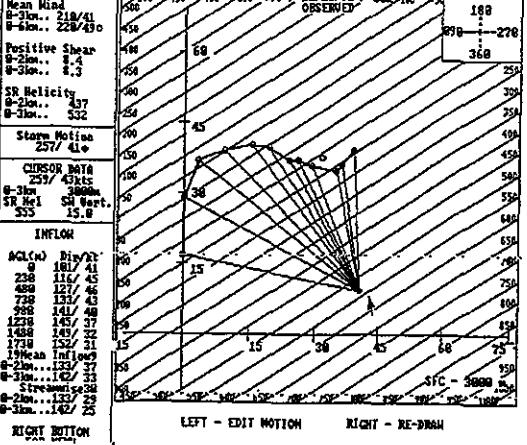
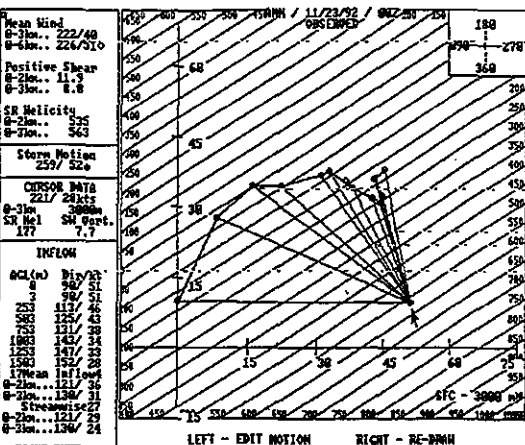
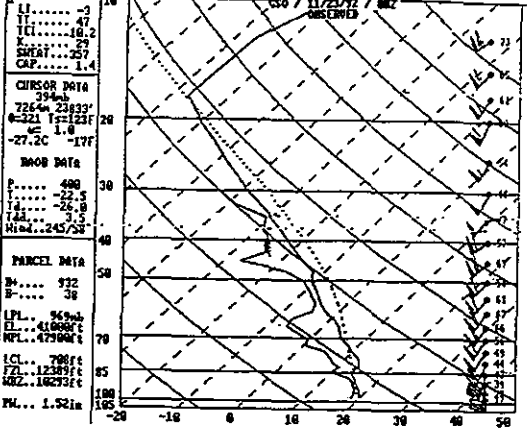
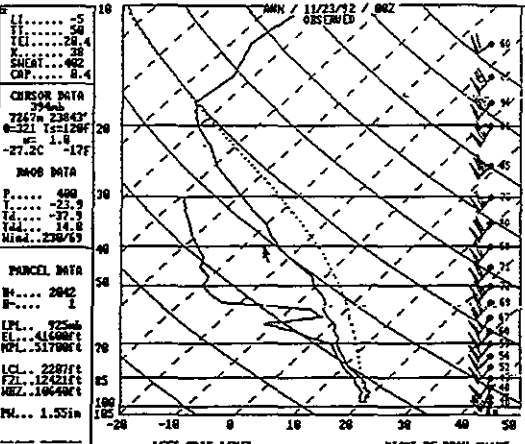
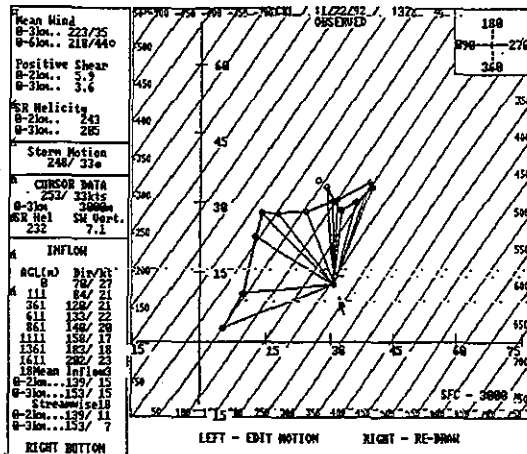
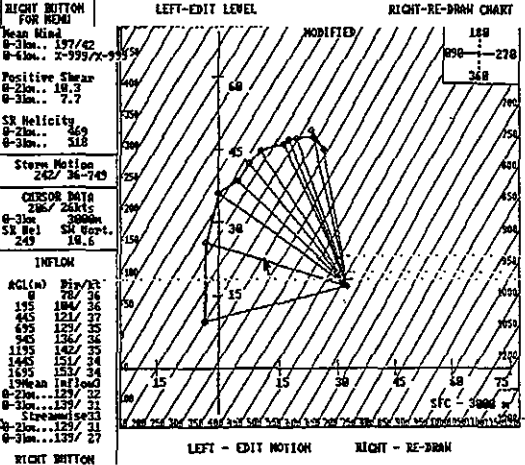
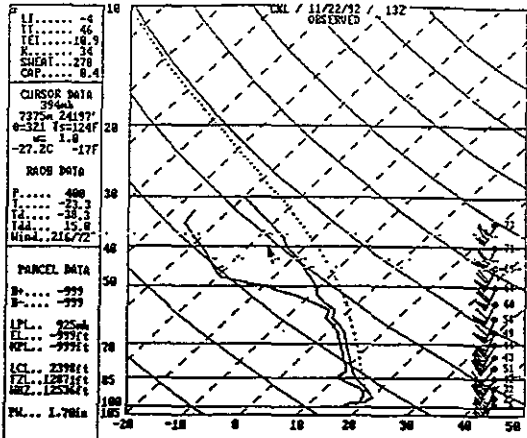
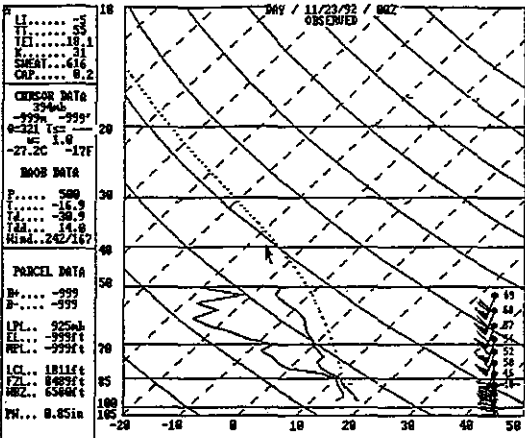


SURFACE MAP 00Z



SURFACE MAP 06Z





National Severe Storms Forecast Center  
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Page 1

0600CST 01/08/93 - 0600CST 01/09/93

Total Non-Tornadic Reports: 7

Large Hail Reports... 0 Damaging Wind Reports... 7

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

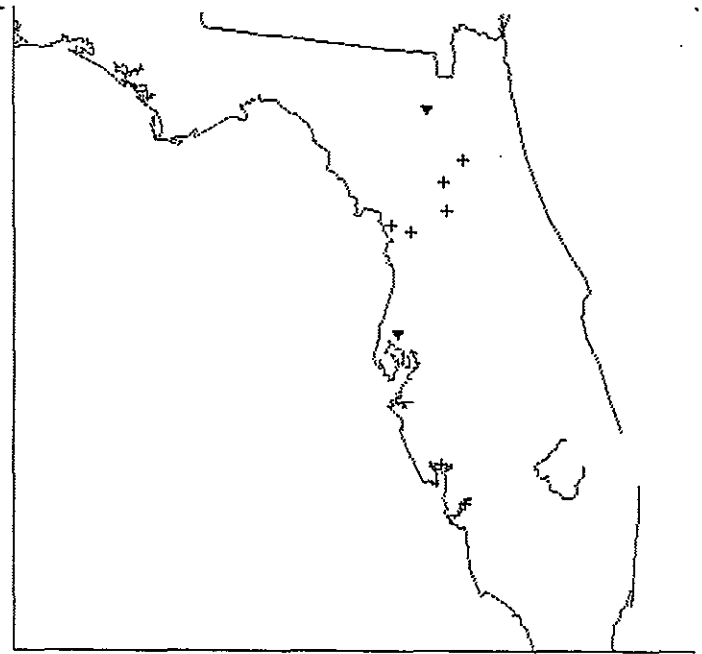
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	7	0	0	0	0	0	7
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 2

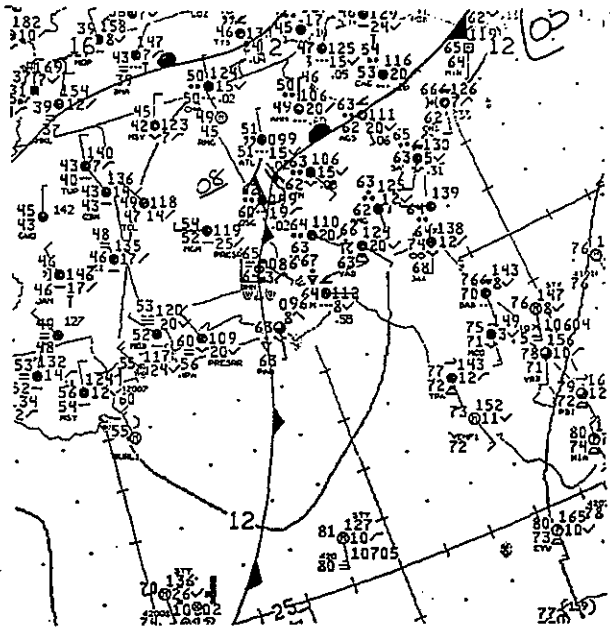
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

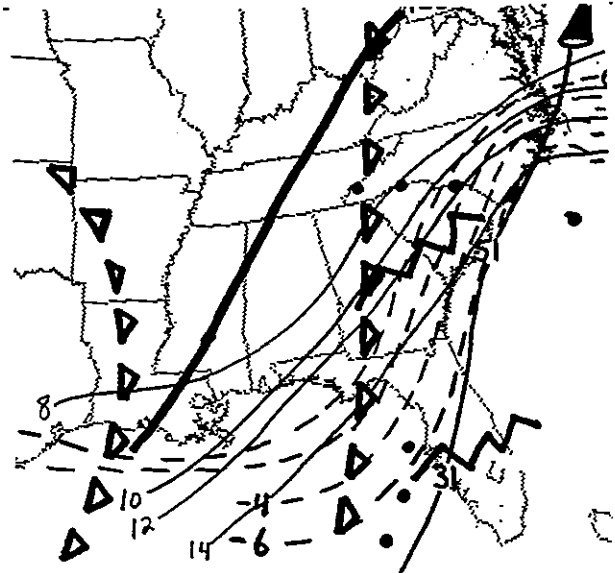


0600CST 01/08/93 - 0600CST 01/09/93

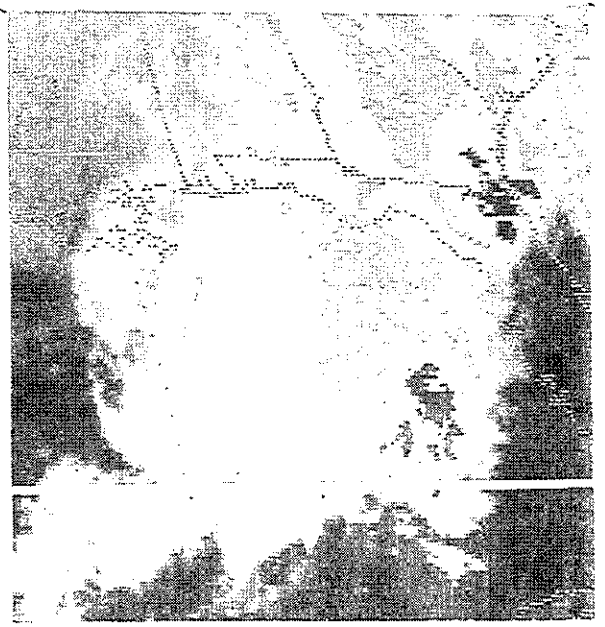
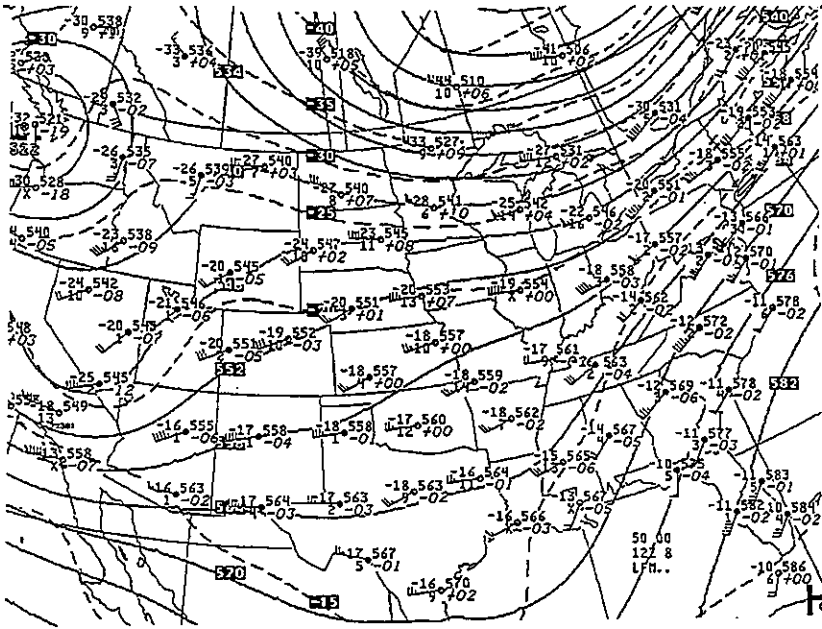
SURFACE MAP 15Z



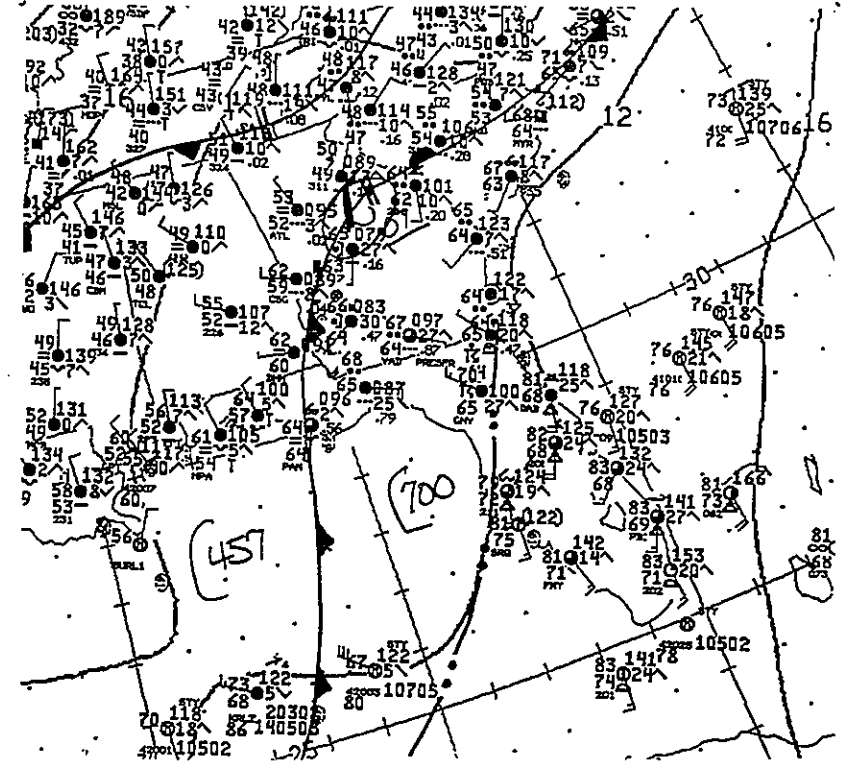
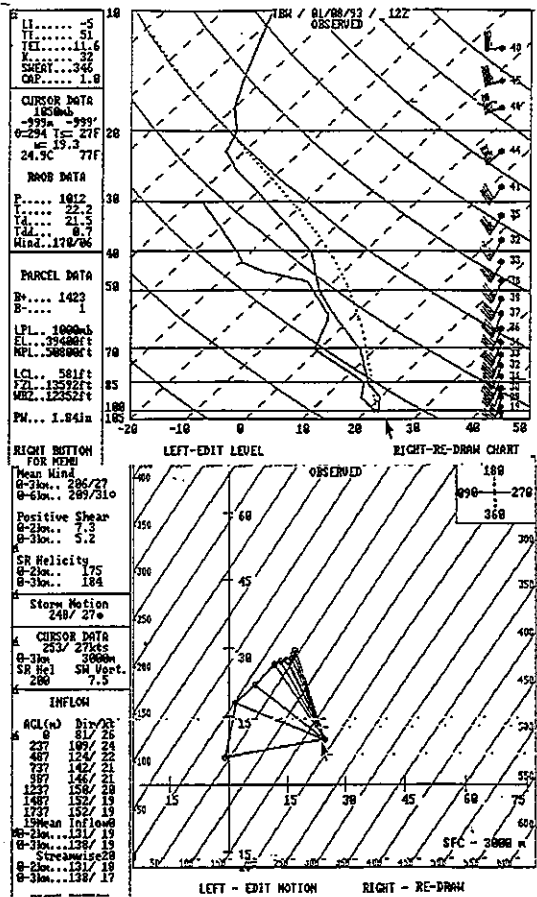
COMPOSITE MAP 12Z







SURFACE MAP 18Z



ALL SEVERE REPORTS

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 01/15/93 - 0600CST 01/16/93

Total Non-Tornadic Reports: 10

Large Hail Reports... 1      Damaging Wind Reports... 9

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

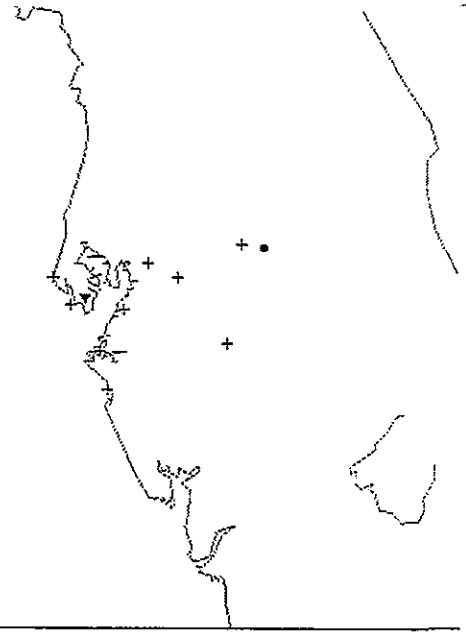
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	9	0	0	0	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 1

TORNADO SEGMENTS

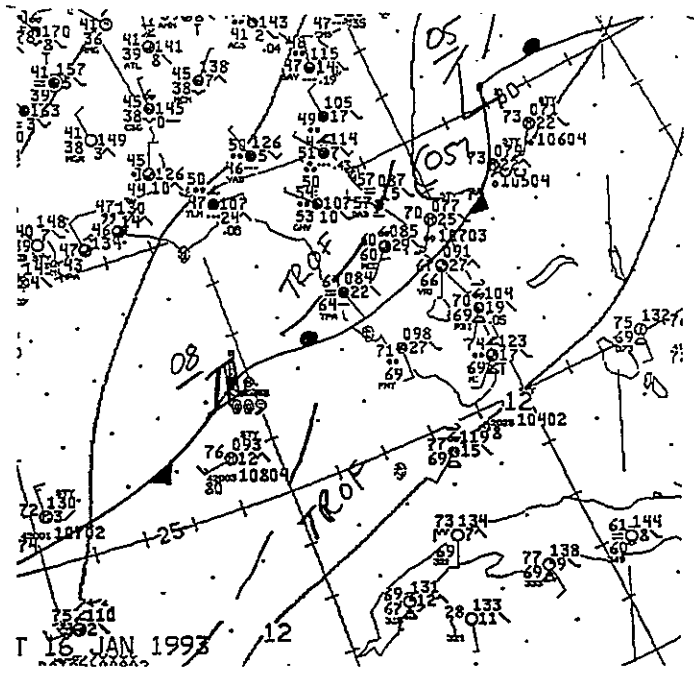
	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0 </tr			



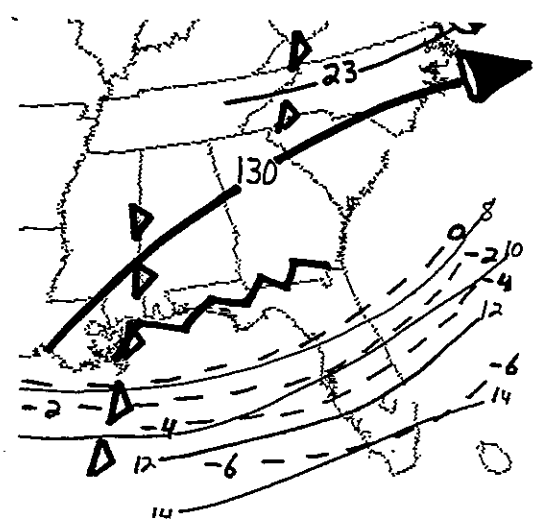
0600CST 01/16/93

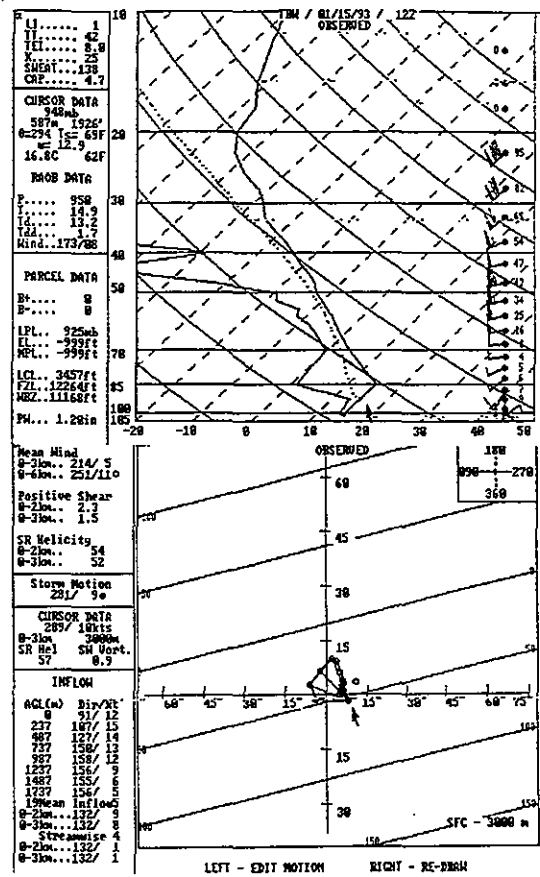
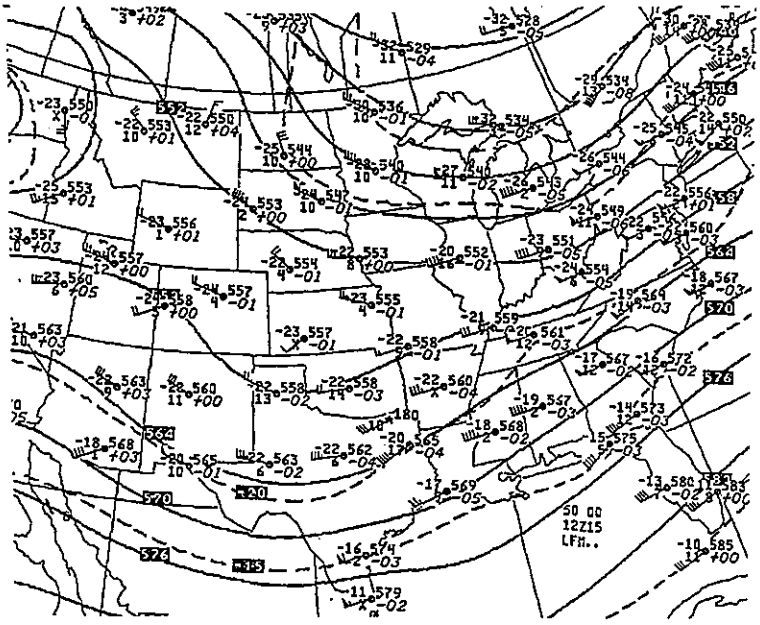
SEVERE WE

SURFACE MAP 09Z

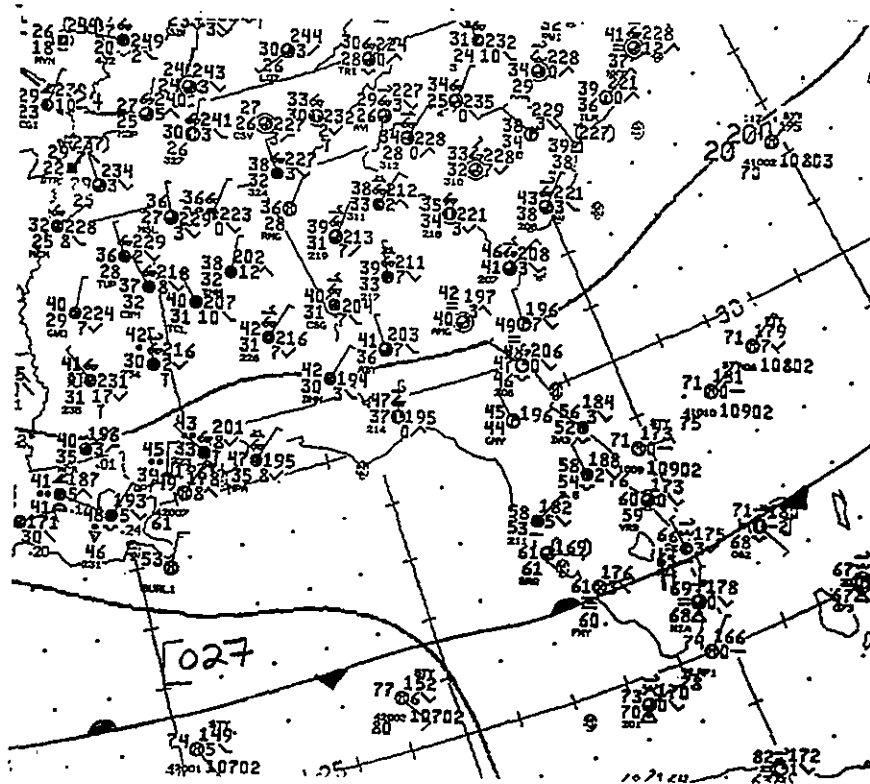


COMPOSITE MAP 12Z





SURFACE MAP 12Z



ALL SEVERE REPORTS

National Severe Storms Forecast Center  
Severe Thunderstorms and Tornado Database  
Page 1

0600CST 01/16/93 - 0600CST 01/17/93

Total Non-Tornadoic Reports: 9

Large Hail Reports... 1 Damaging Wind Reports... 8

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	1	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

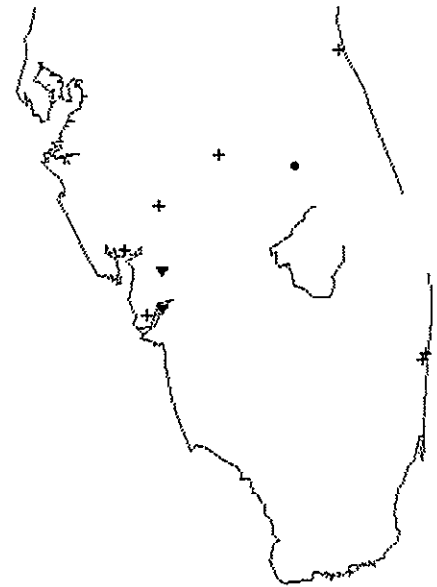
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	7	1	0	0	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 2

TORNADO SEGMENTS

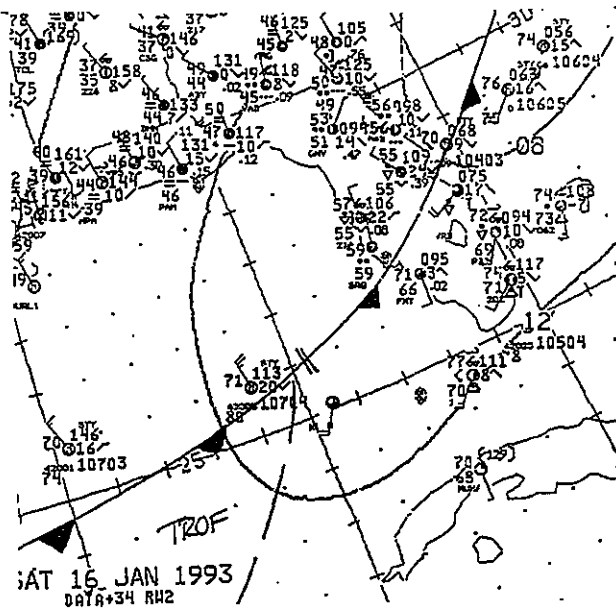
	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



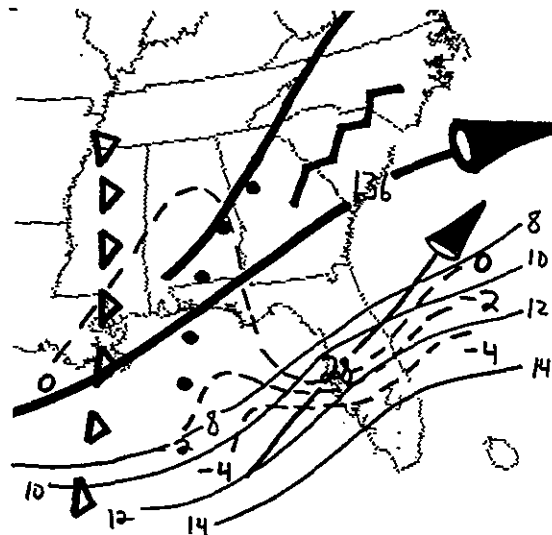
1/16/93 - 0600CST 01/17/93

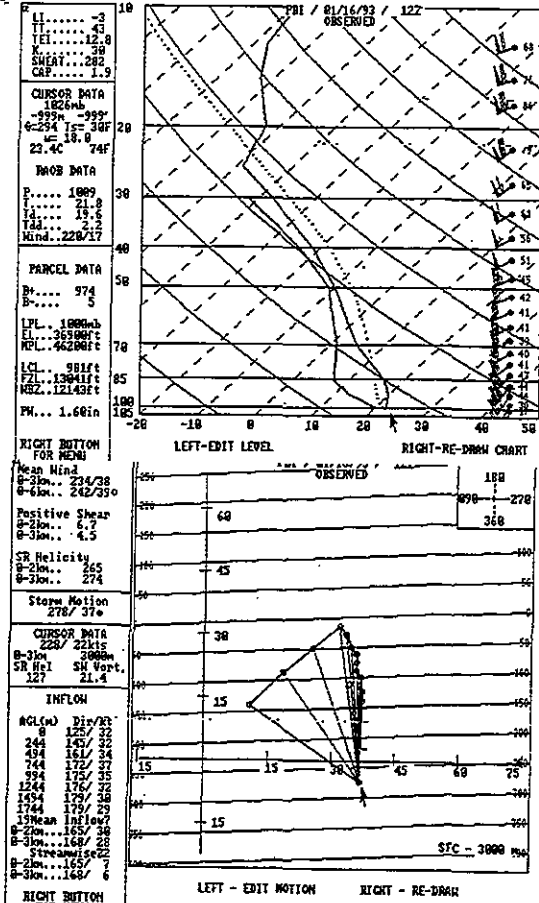
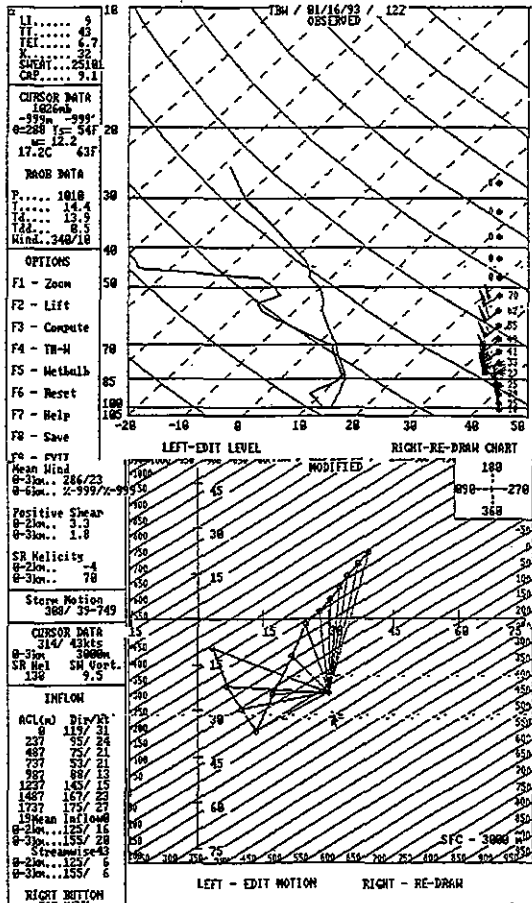
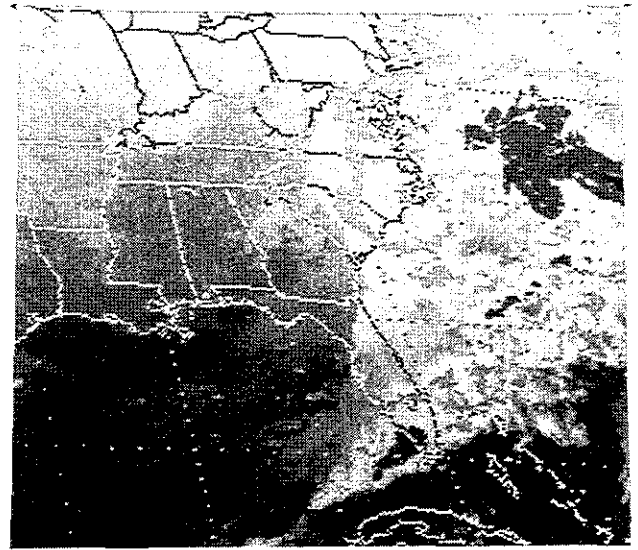
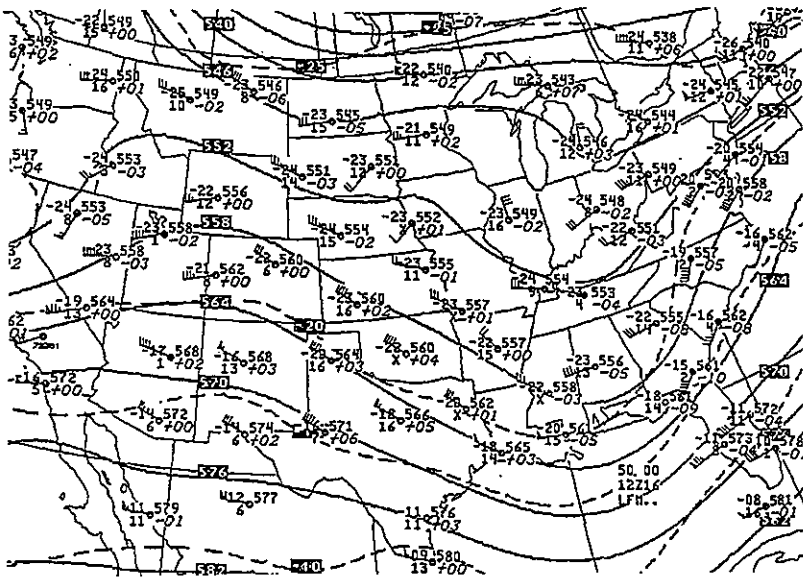
SEVERE WE

SURFACE MAP 12Z



COMPOSITE MAP 12Z





ALL SEVERE REPORTS

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 01/17/93 - 0600CST 01/18/93

Total Non-Tornadic Reports: 0

Large Hail Reports... 0 Damaging Wind Reports... 0

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

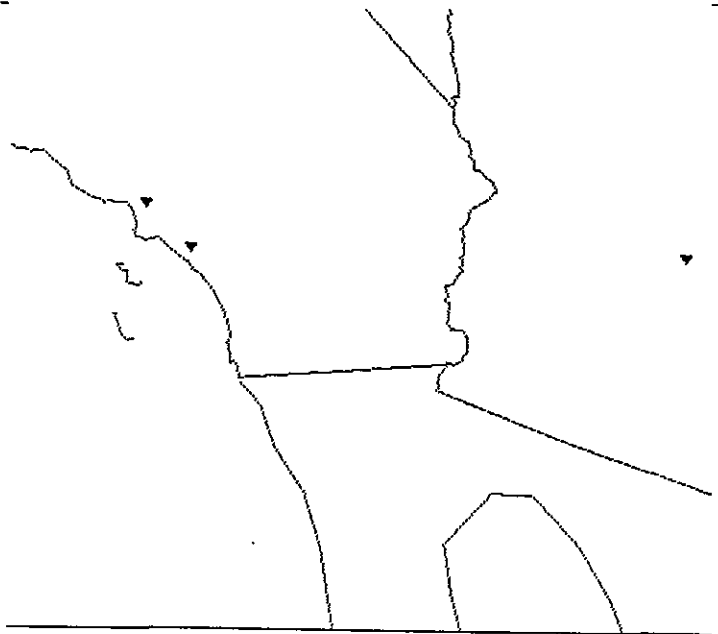
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 3

TORNADO SEGMENTS

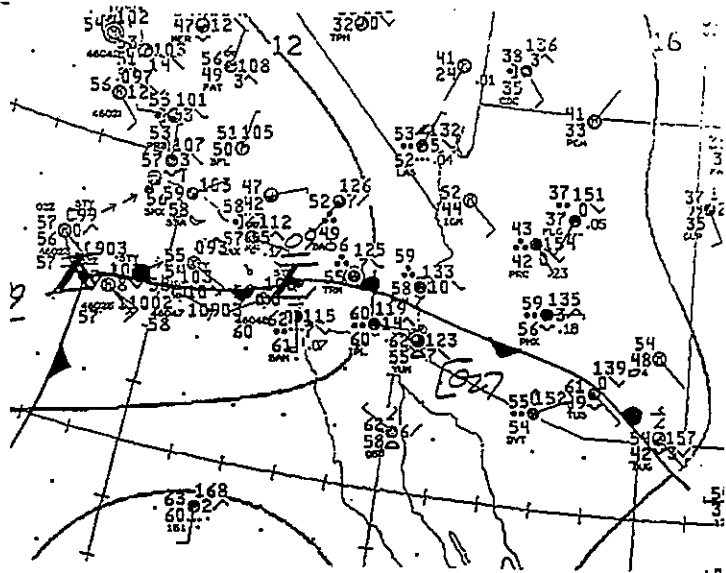
	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	1	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	0	0	0	0	1



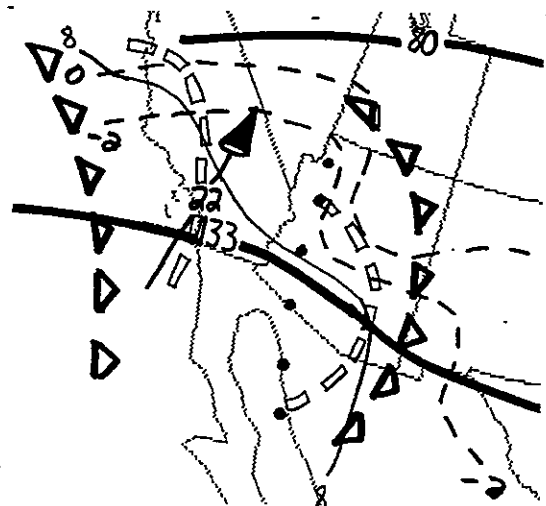
ST 01/17/93 - 0600CST 01/18/93

SEU

SURFACE MAP 03Z



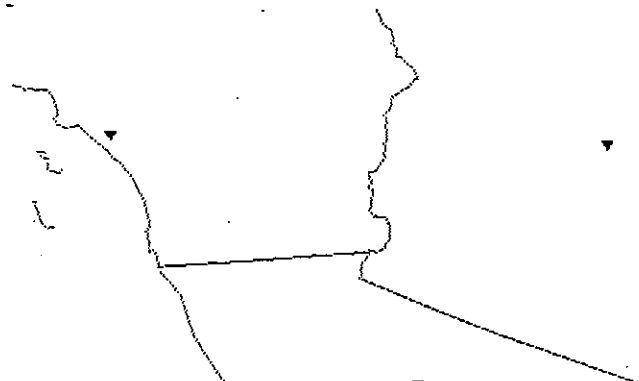
COMPOSITE MAP 12Z



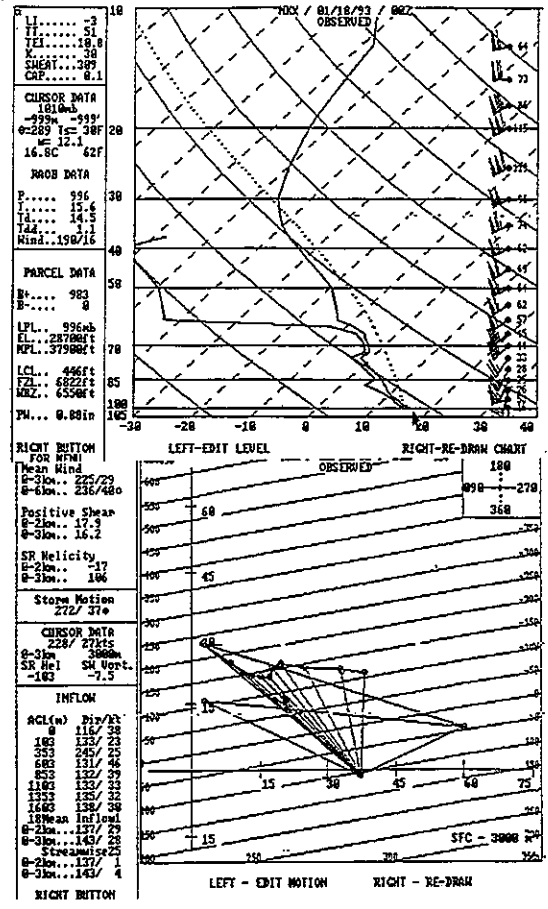
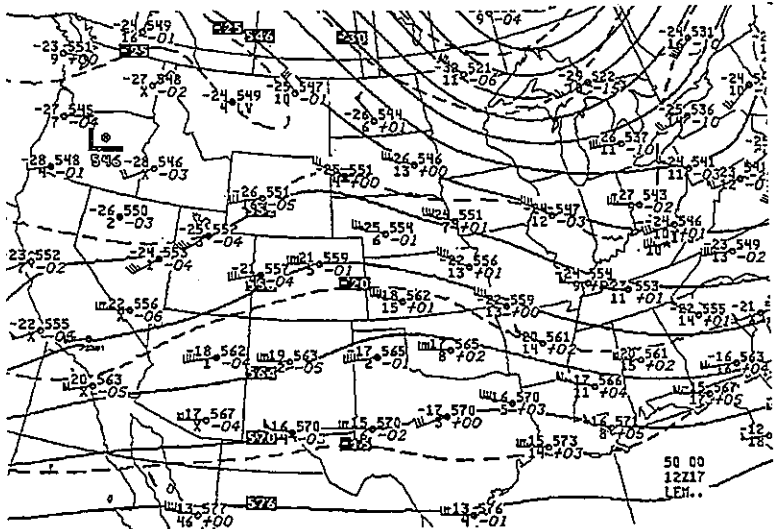
# SUNDAY, JANUARY 17TH, 1993

## SIGNIFICANT TORNADOES

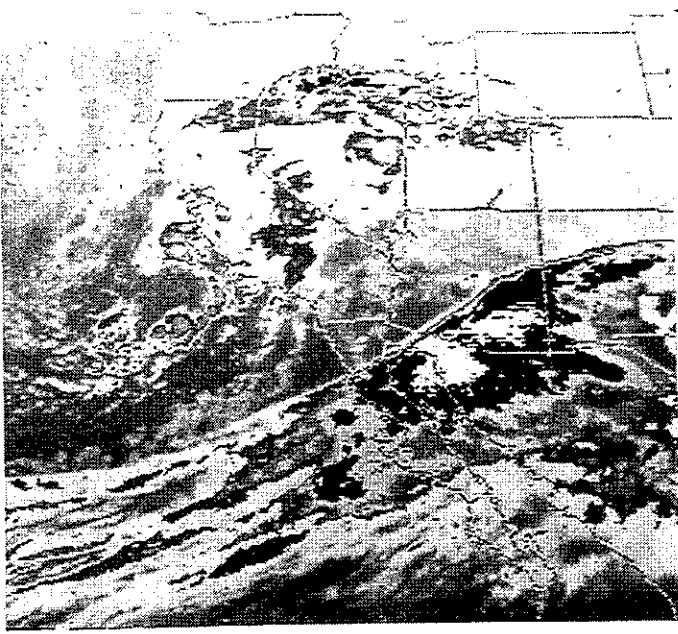
DATE	TIME	FOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JAN 17	1330	F-2	2.1	50	AZ	12 NE Phoenix	-	-	1 M
JAN 17	2130	F-0	0.1	10	CA	Lake Forest	-	1	1 M
<b>2 TOTAL</b>							-	-	<b>1 M</b>



### 500 MB 12Z



SATELLITE 09Z 18 JANUARY



SURFACE MAP 21Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 01/18/93 - 0600CST 01/19/93

Total Non-Tornadic Reports: 0

Large Hail Reports... 0 Damaging Wind Reports... 0

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

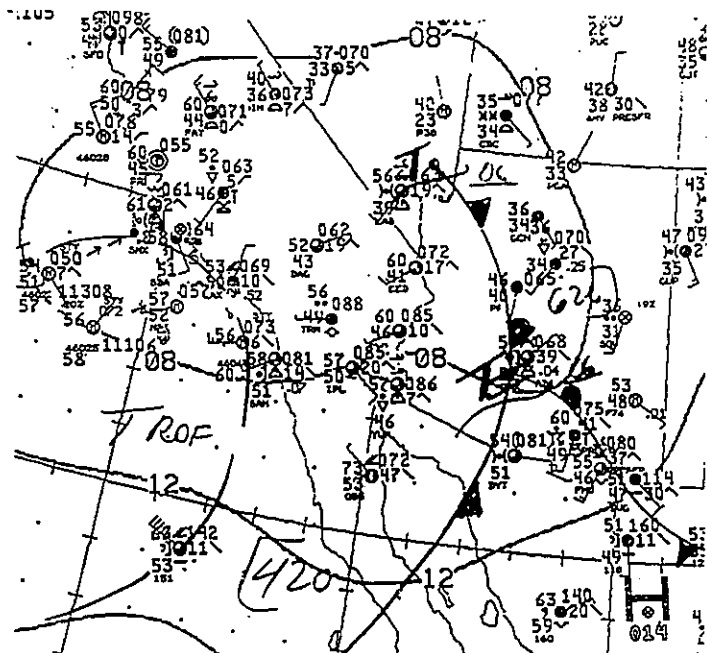
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

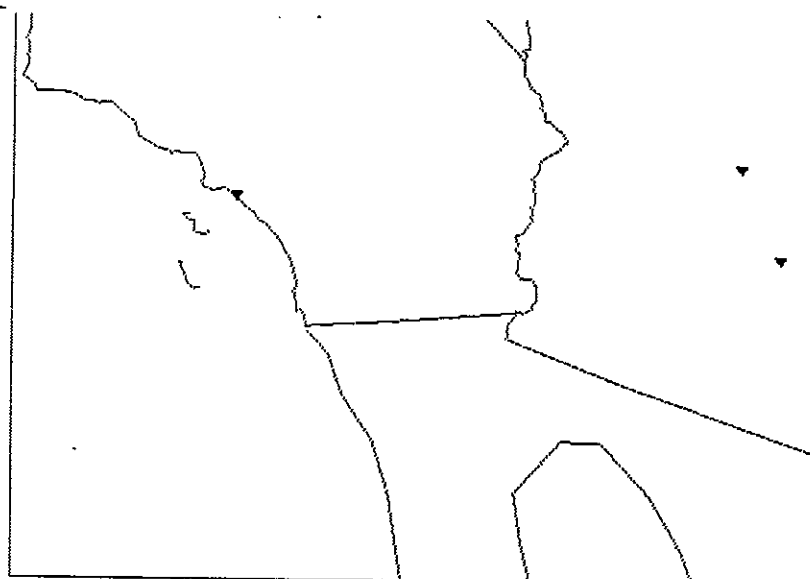
Number of Tornado Segments: 3

TORNADO SEGMENTS

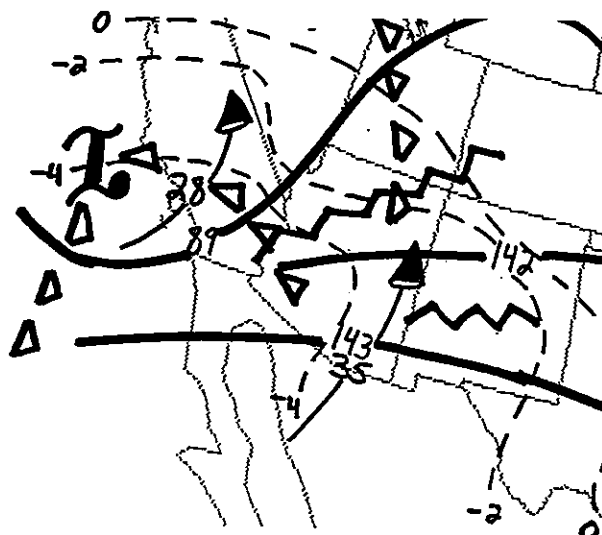
	F0	F1	F2	F3	F4	F5	TOT
Segments	2	1	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



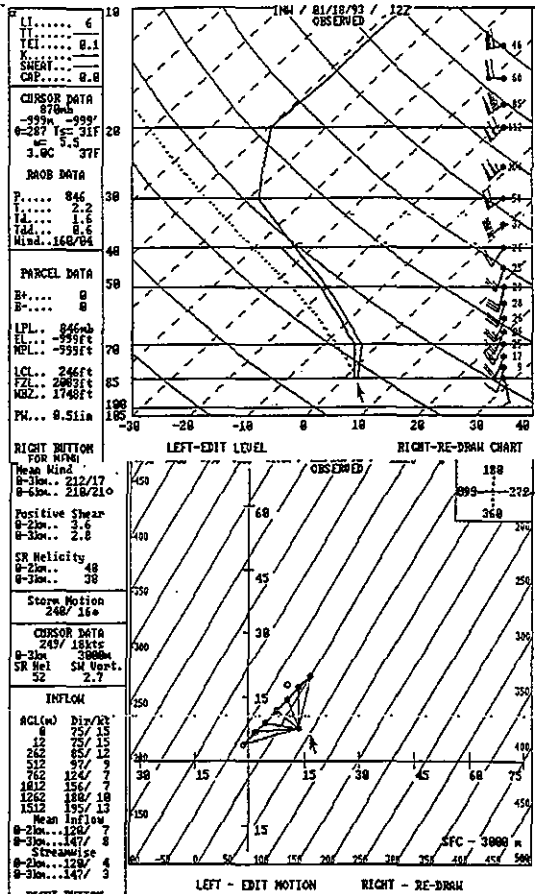
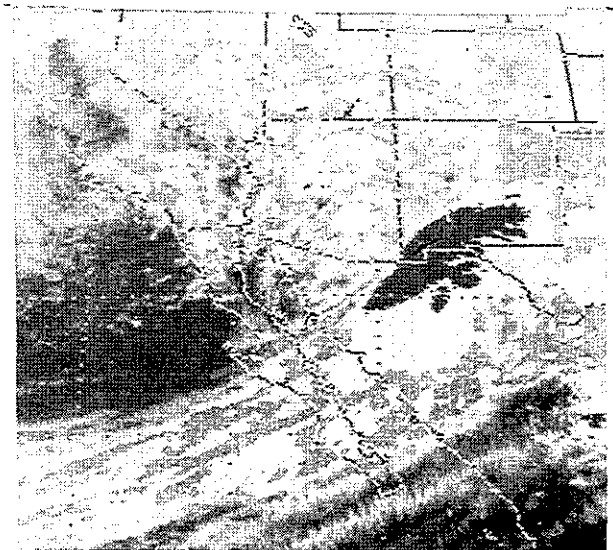
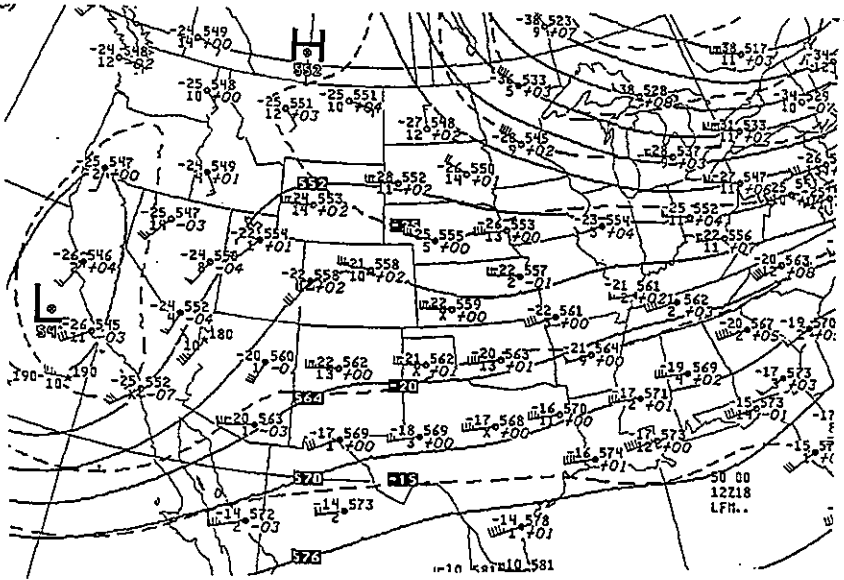
COMPOSITE MAP 12Z



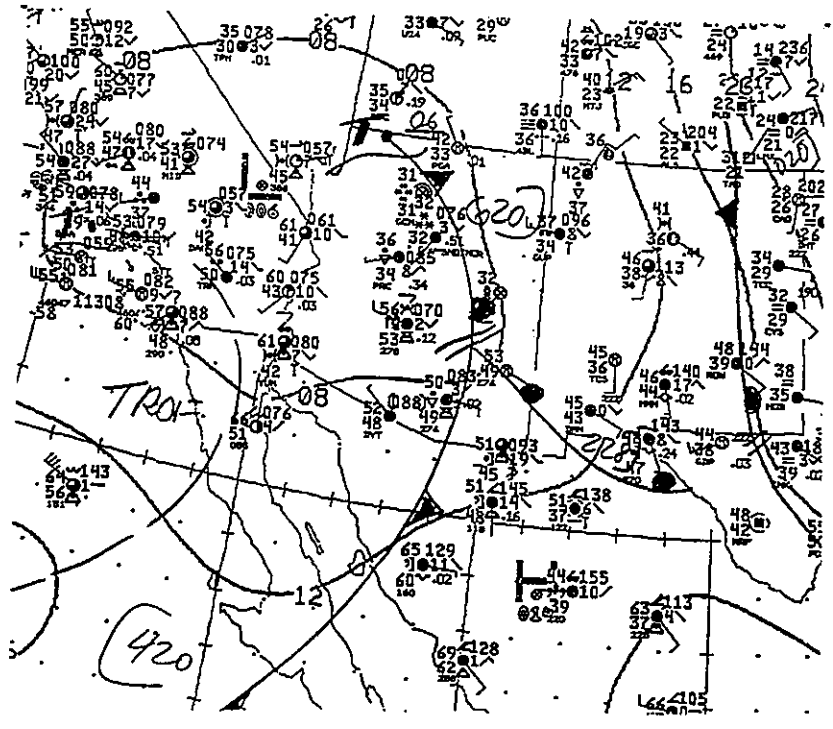
0600CST 01/18/93 - 0600CST 01/19/93

SEVERE





SURFACE MAP 00Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 01/23/93 - 0600CST 01/24/93

Total Non-Tornadoic Reports: 63

Large Hail Reports... 25      Damaging Wind Reports... 38

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	13	8	4	0	0	0	25
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

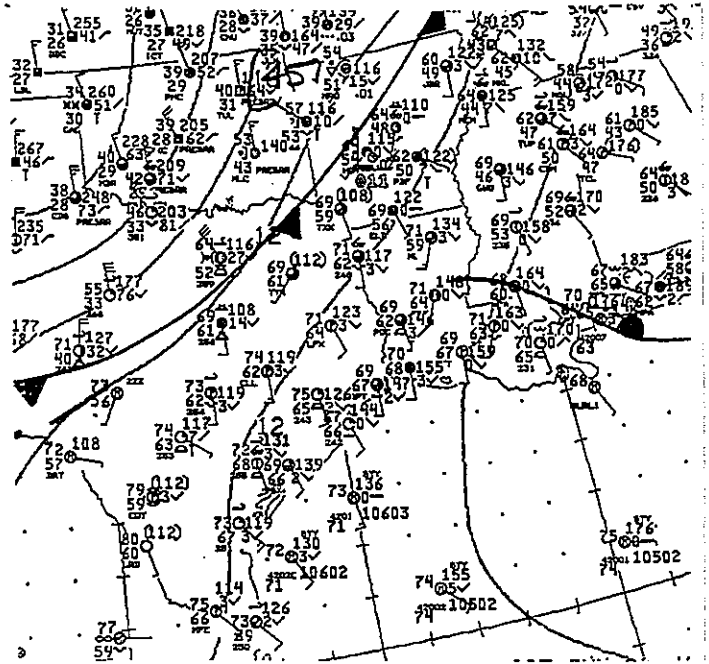
DAMAGING WIND

	WNDC	50	60	70	80	90	TOT
Wind	34	3	1	0	0	0	38
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

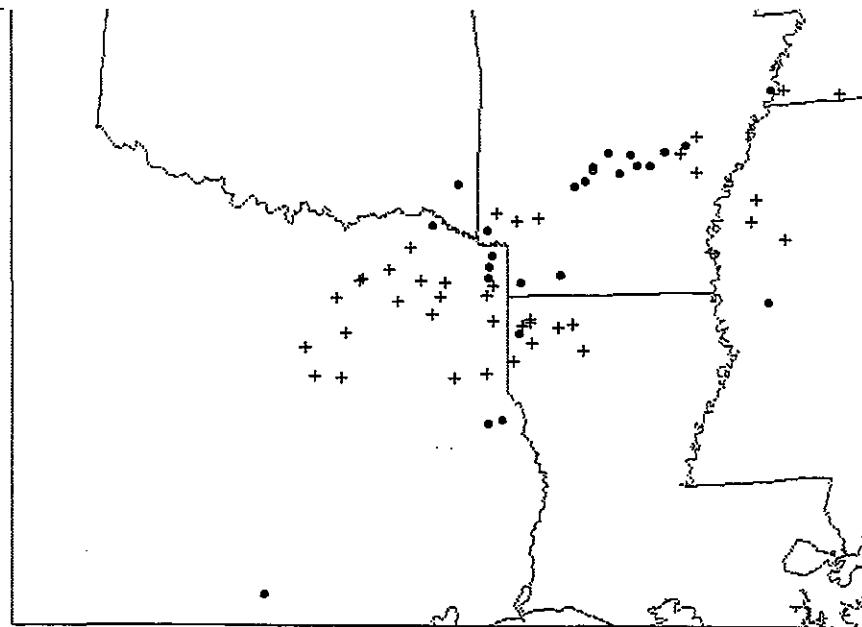
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

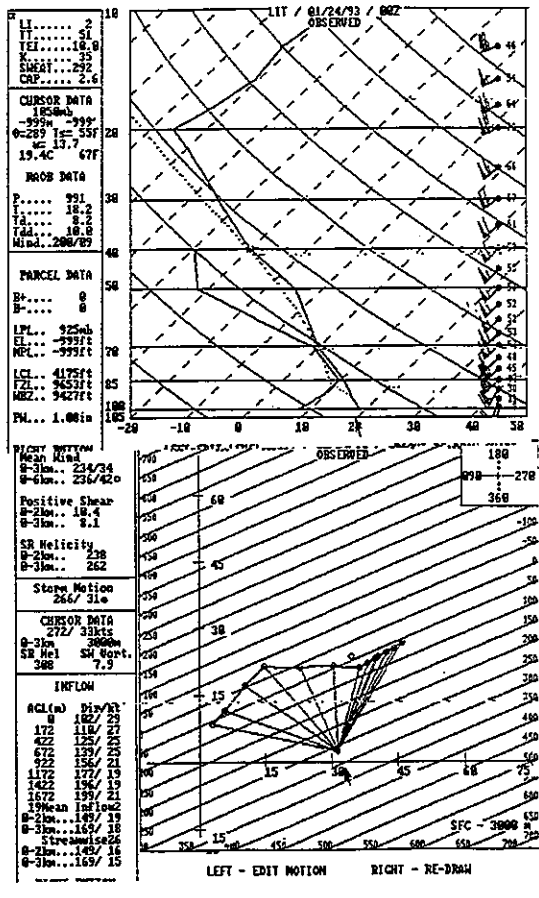
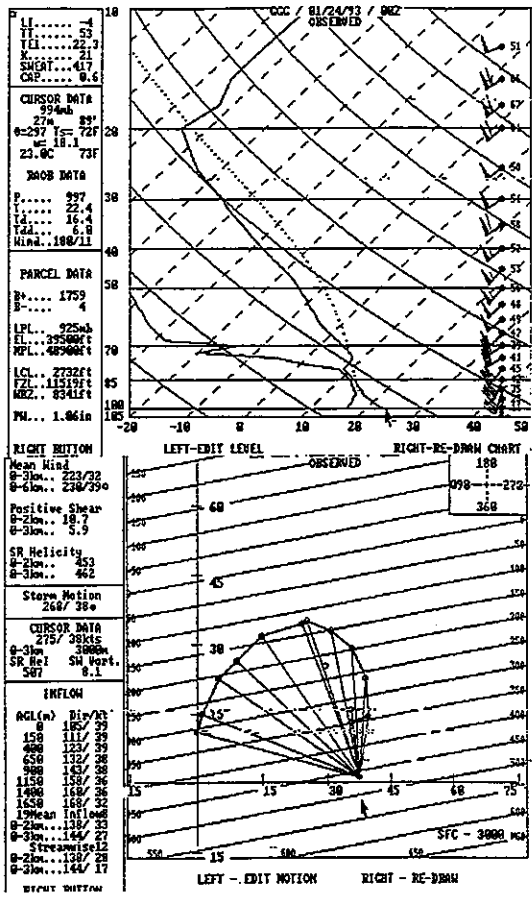
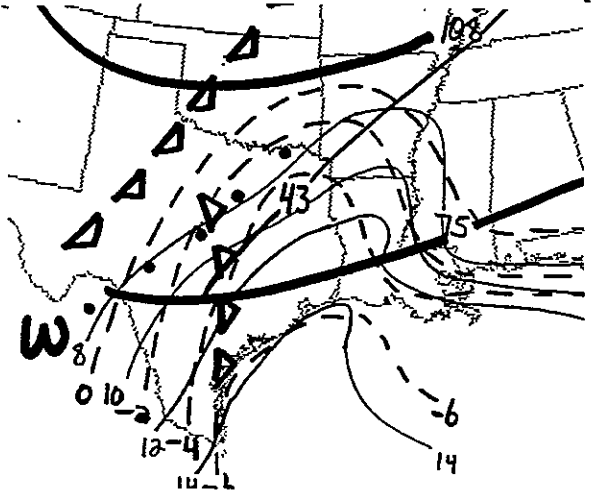
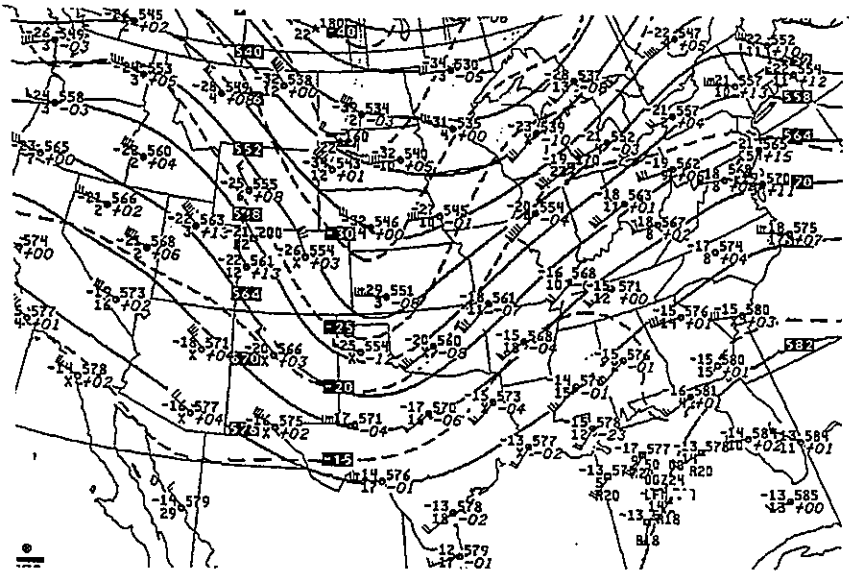


ALL SEVERE REPORTS



0600CST 01/23/93 - 0600CST 01/24/93

SEVERE WE



ALL SEVERE REPORTS

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 01/24/93 - 0600CST 01/25/93

Total Non-Tornadic Reports: 14

Large Hail Reports... 2      Damaging Wind Reports... 12

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	1	1	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

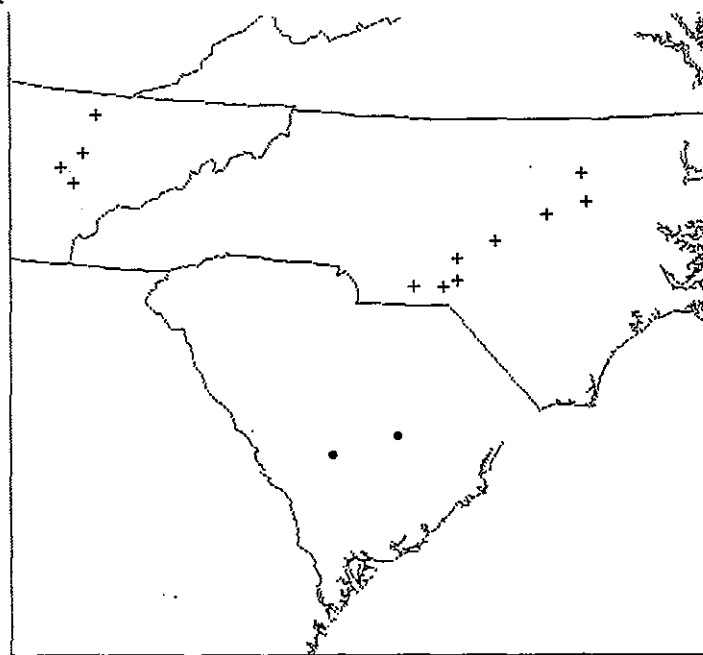
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	12	0	0	0	0	0	12
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

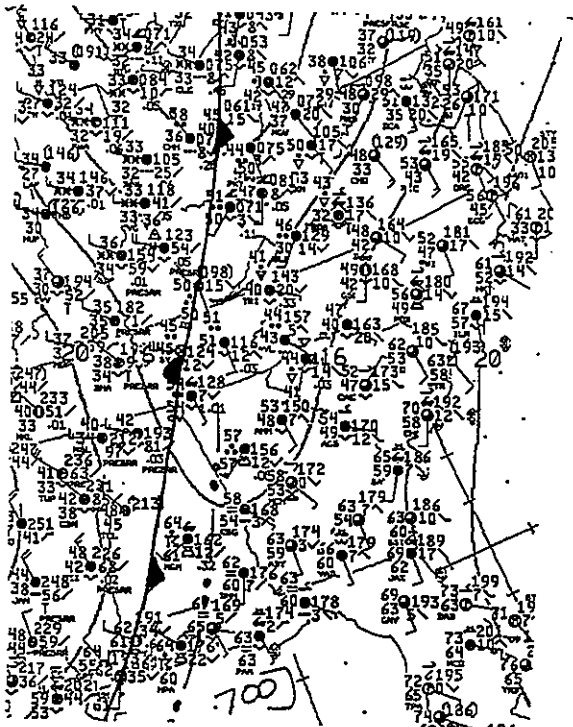
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

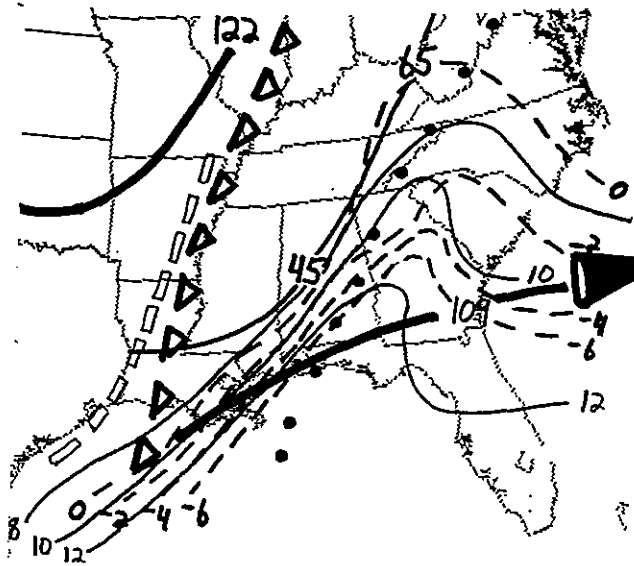


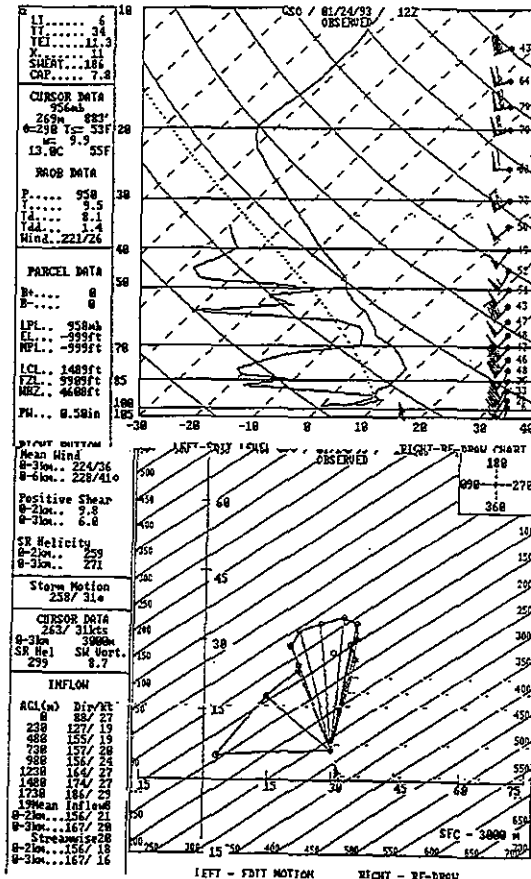
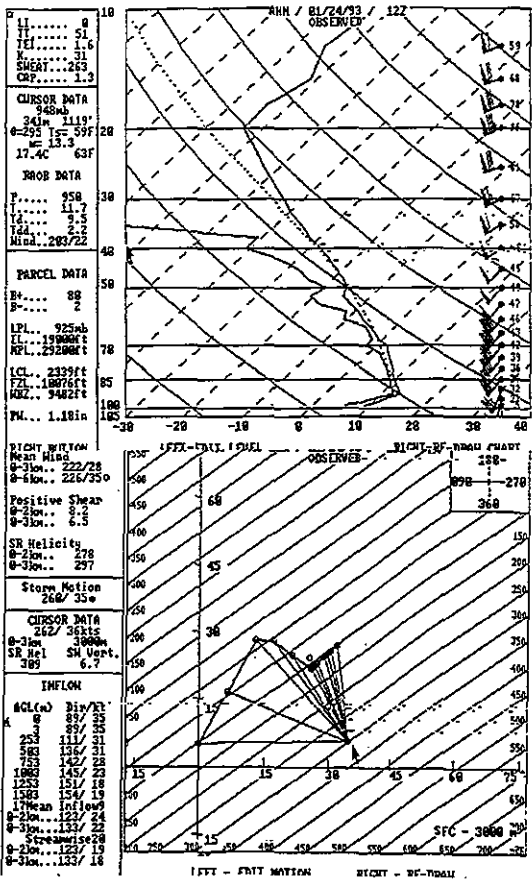
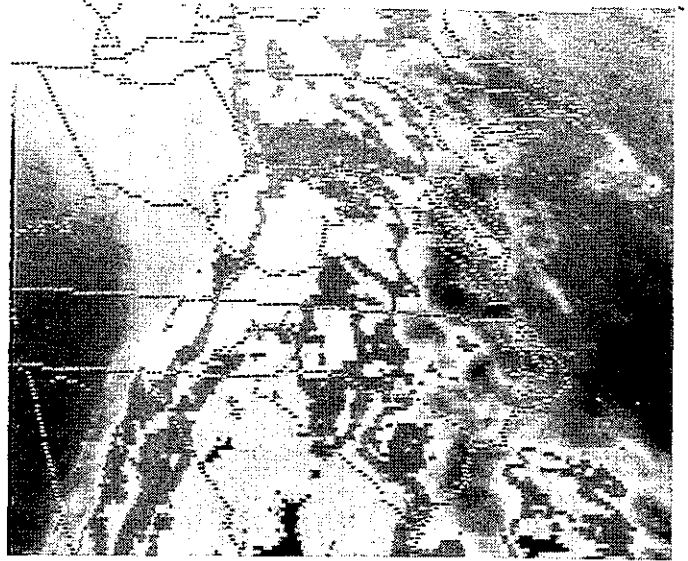
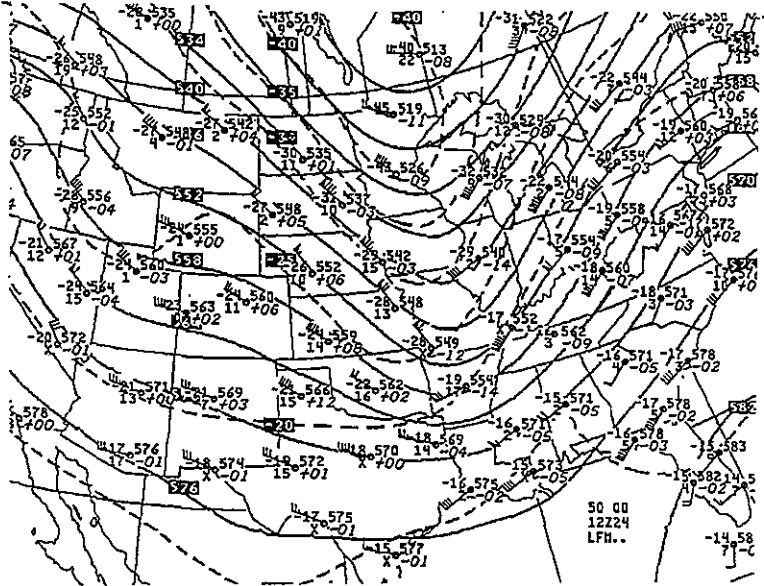
0600CST 01/24/93 - 0600CST 01/25/93

SURFACE MAP 15Z



COMPOSITE MAP 12Z





SURFACE MAP 21Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 02/11/93 - 0600CST 02/12/93

Total Non-Tornadic Reports: 57

Large Hail Reports... 48      Damaging Wind Reports... 9

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	29	14	4	1	0	0	48
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

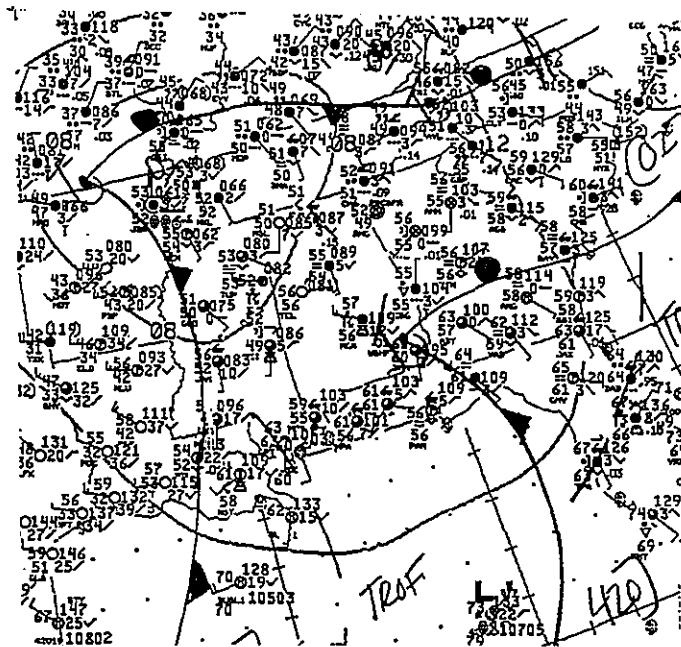
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	9	0	0	0	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

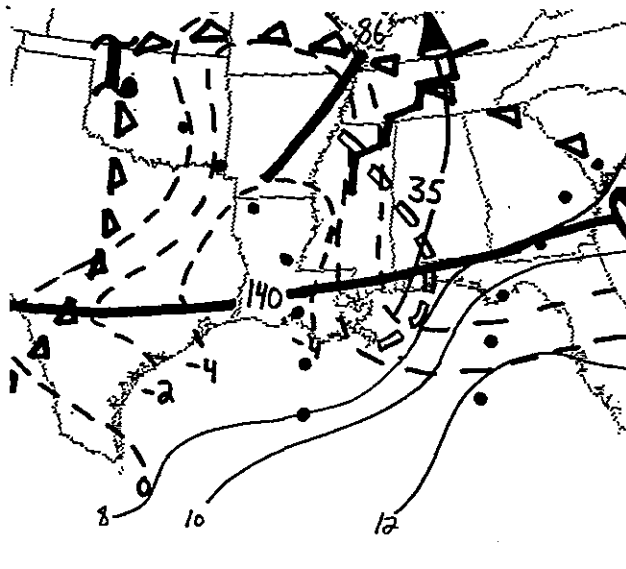
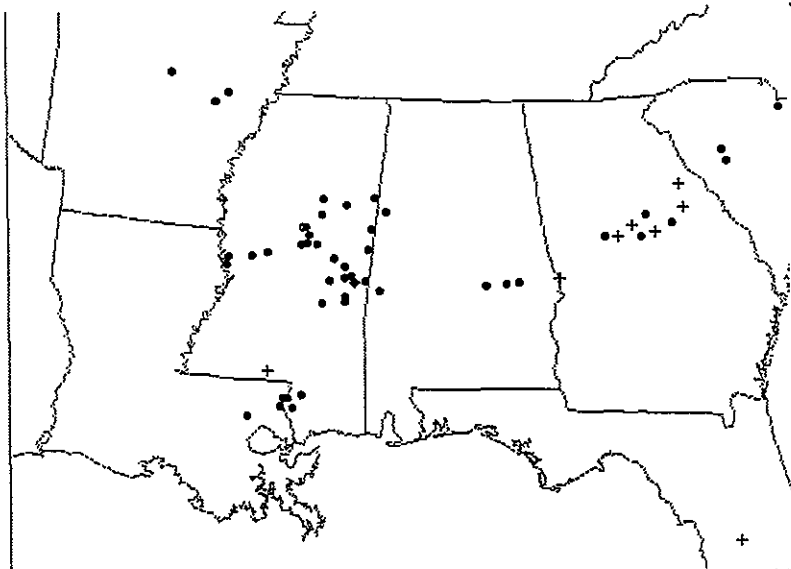
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS

COMPOSITE MAP 12Z



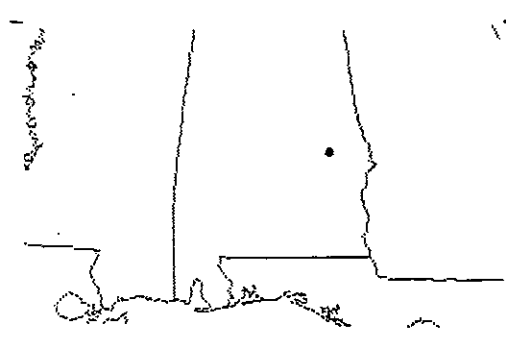
0600CST 02/11/93 - 0600CST 02/12/93

SEVEI

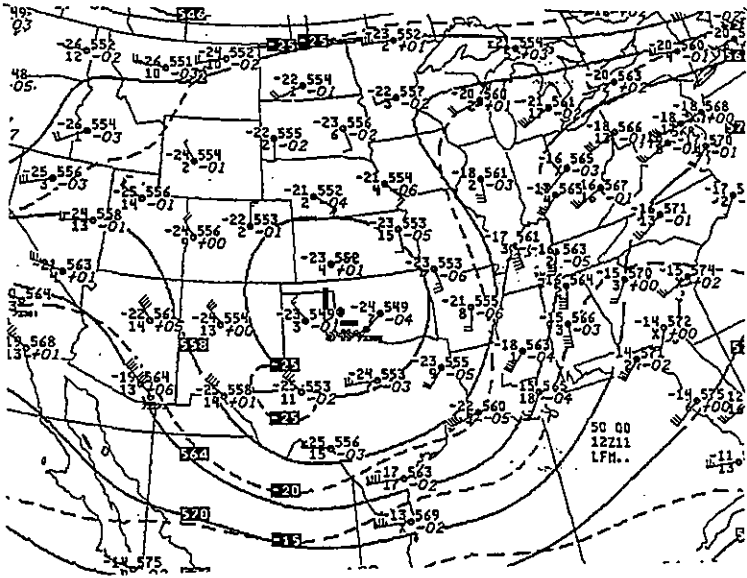
# THURSDAY, FEBRUARY 11TH, 1993

## SIGNIFICANT EVENTS

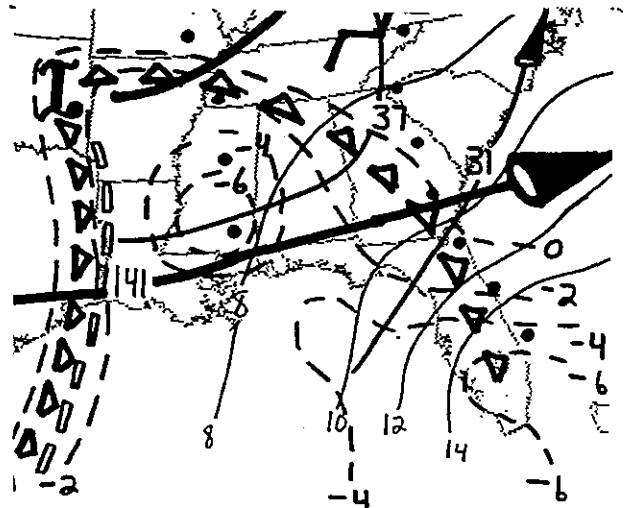
DATE	TIME	EVENT	STATE	COUNTY...Location	INJ	DMG
FEB 11	2115	2.75 INCH AL	AL	MACON	-	---
<b>1 TOTAL</b>						



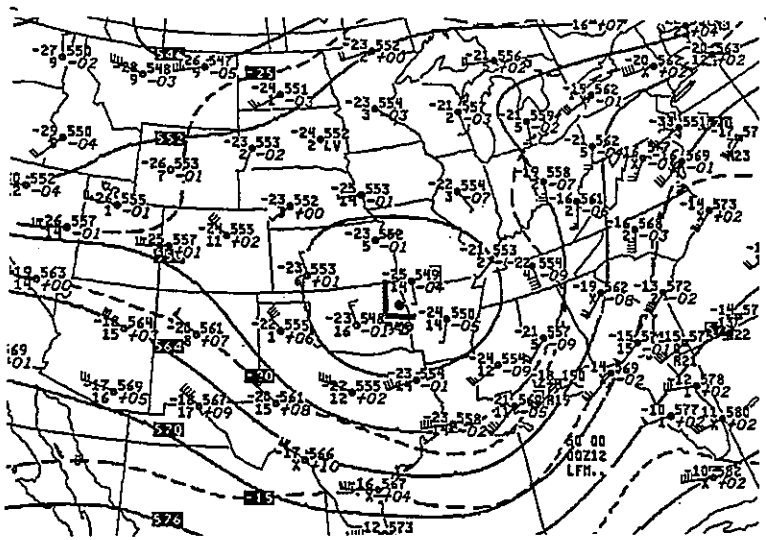
500 MB 12Z



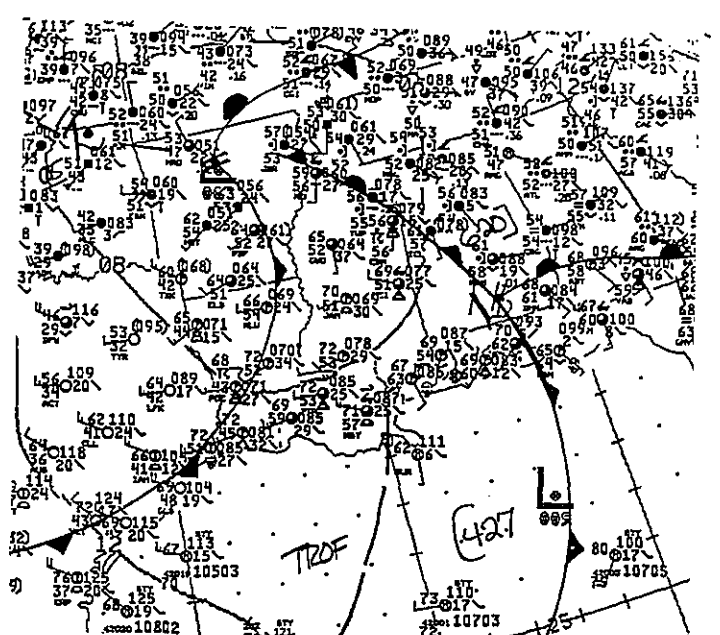
COMPOSITE MAP 00Z

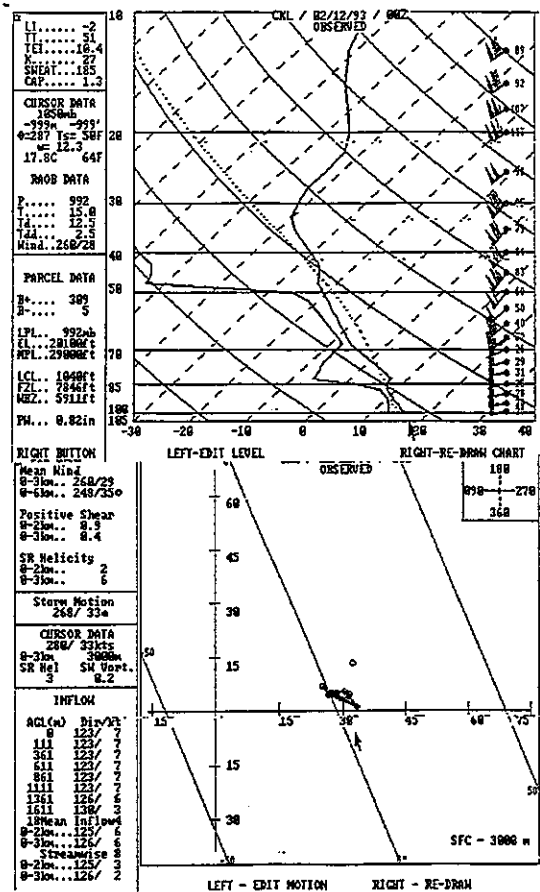
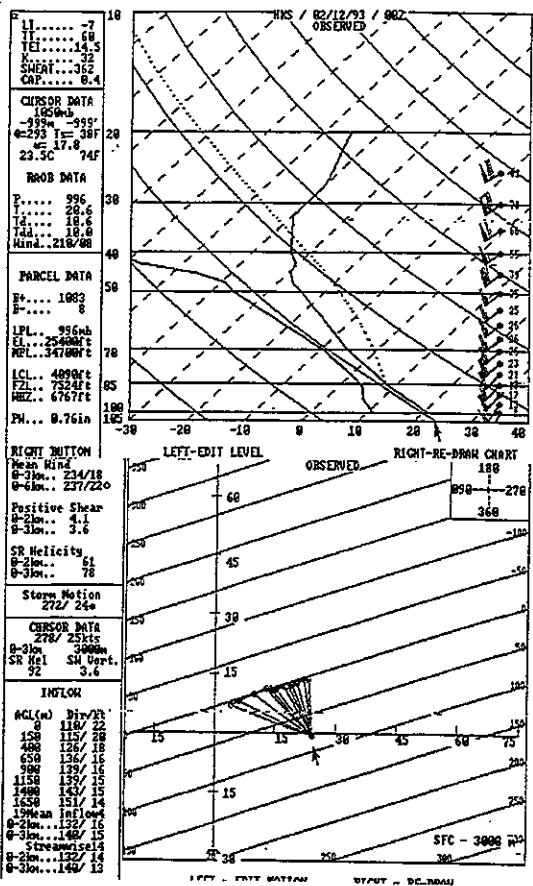
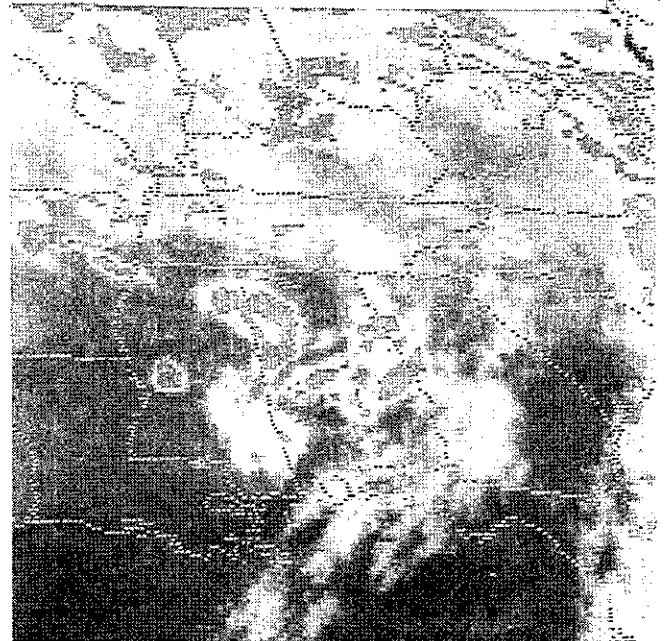
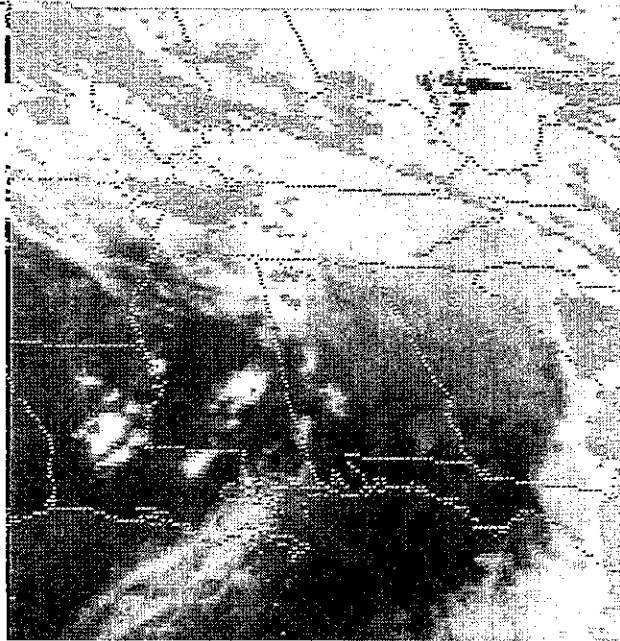


500 MB 00Z



SURFACE MAP 03Z





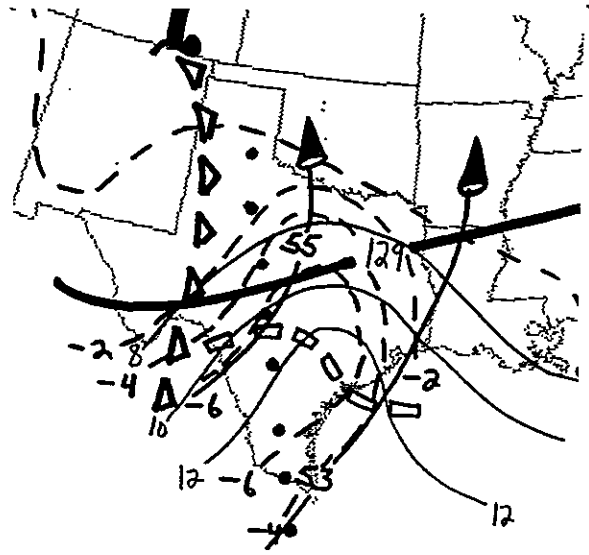


National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 02/15/93 - 0600CST 02/16/93

Total Non-Tornadic Reports: 94

Large Hail Reports... 63      Damaging Wind Reports... 31



LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	14	23	24	2	0	0	63
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

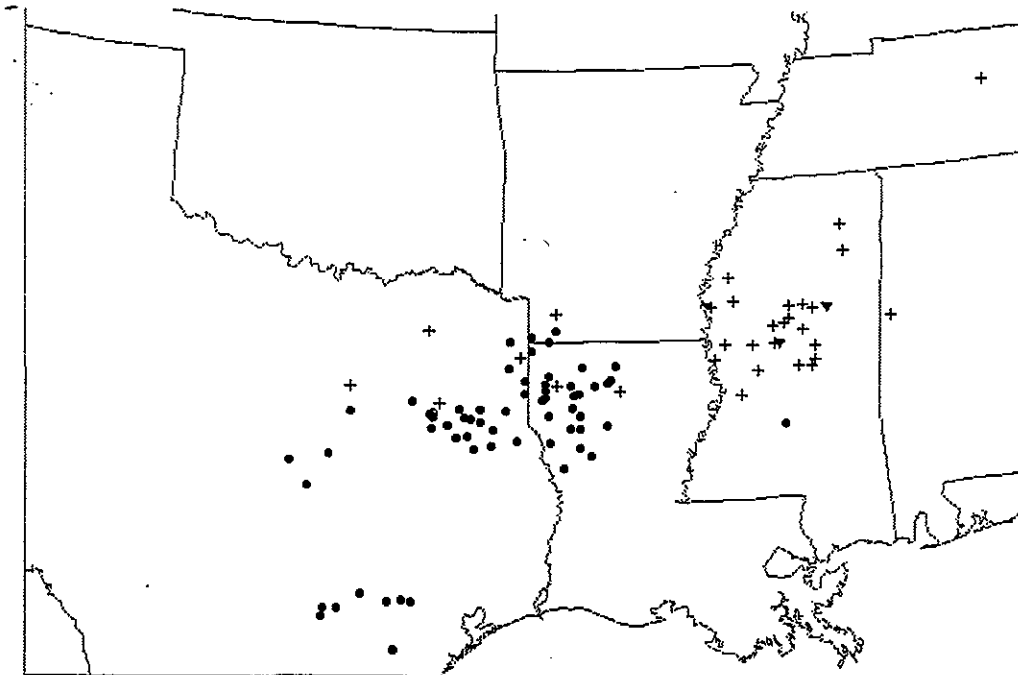
	WINDG	50	60	70	80	90	TOT
Wind	30	1	0	0	0	0	31
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 2

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

ALL SEVERE REPORTS

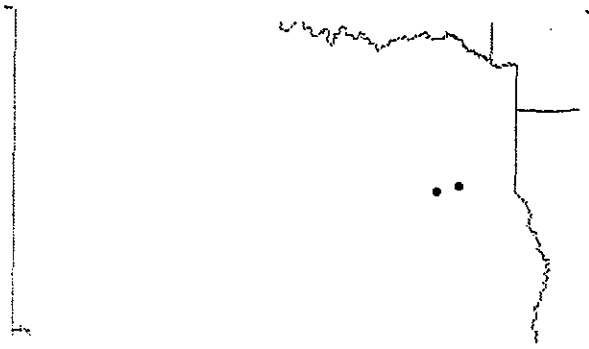


0600CST 02/15/93 - 0600CST 02/16/93

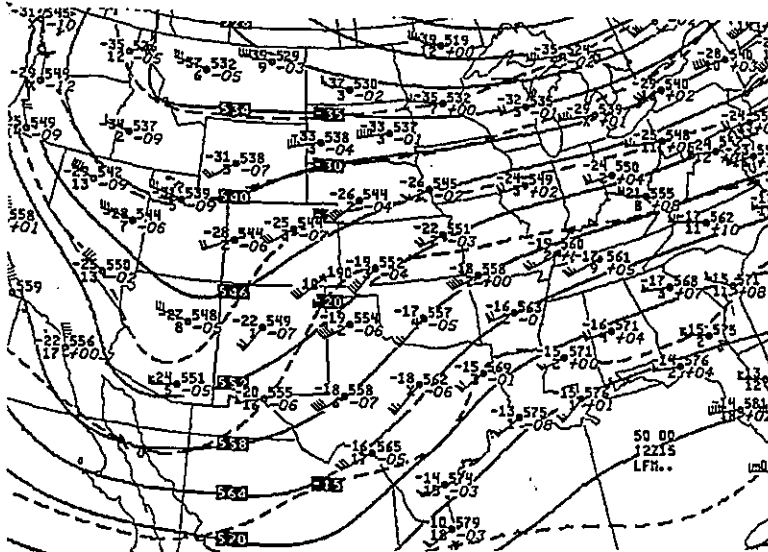
SEVERE WEATHER REPORT

MONDAY FEBRUARY 15TH, 1993

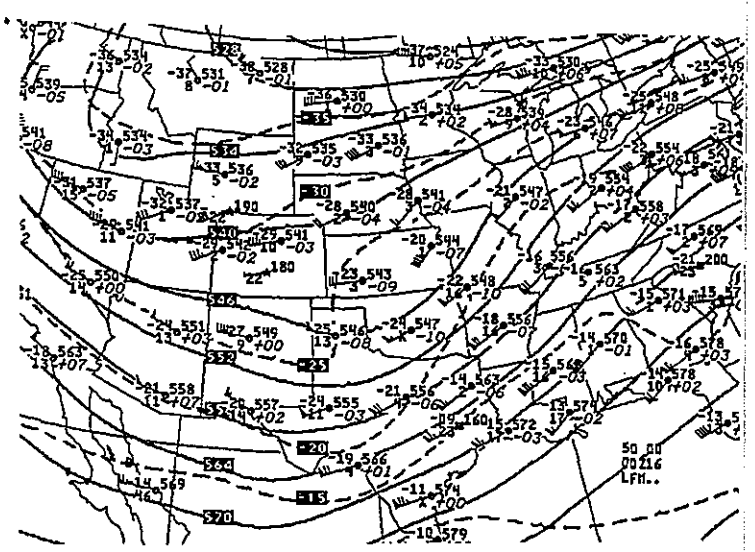
DATE	TIME	EVENT	STATE	COUNTY...Location	INJ	DMG
FEB 15	1350	2.50 INCH	TX	CHEROKEE...Jacksonville	-	---
FEB 15	1415	2.75 INCH	TX	RUSK...10 SW Henderson	-	---
<b>2 TOTAL</b>					-	---



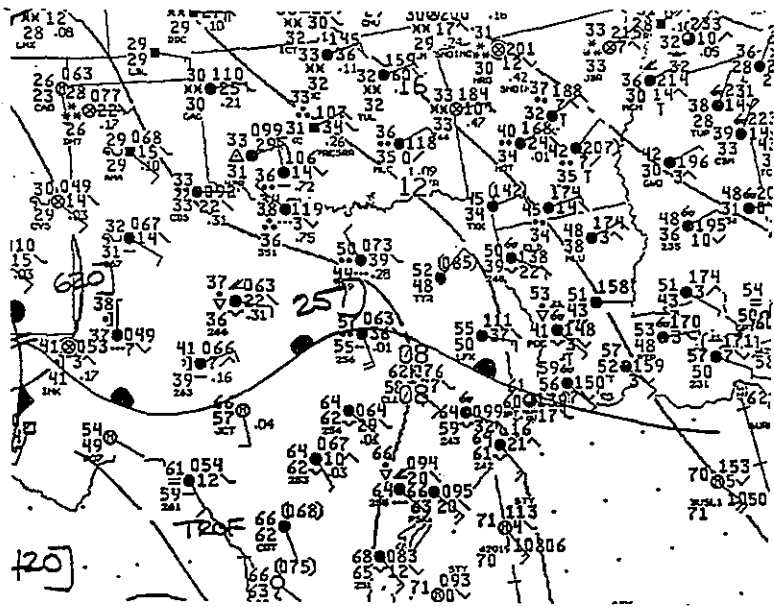
500 MB 12Z



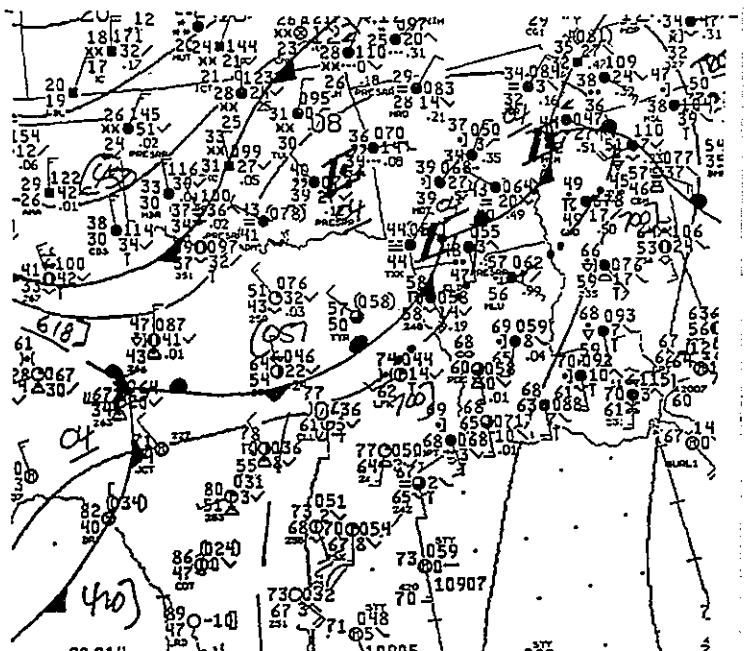
500 MB 00Z



SURFACE MAP 12Z

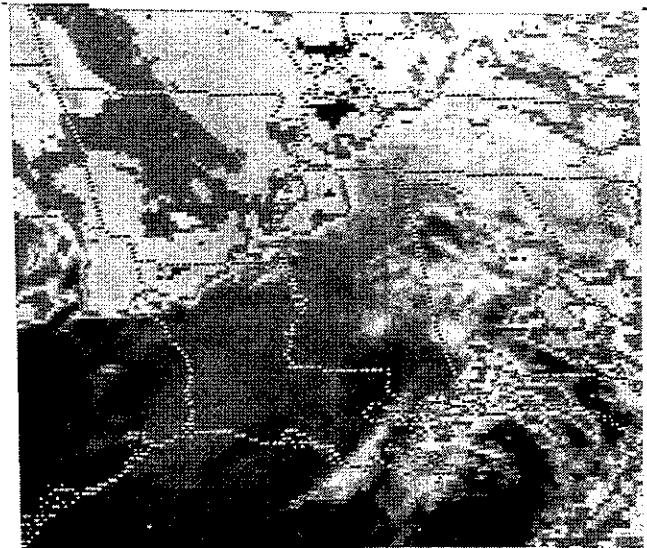
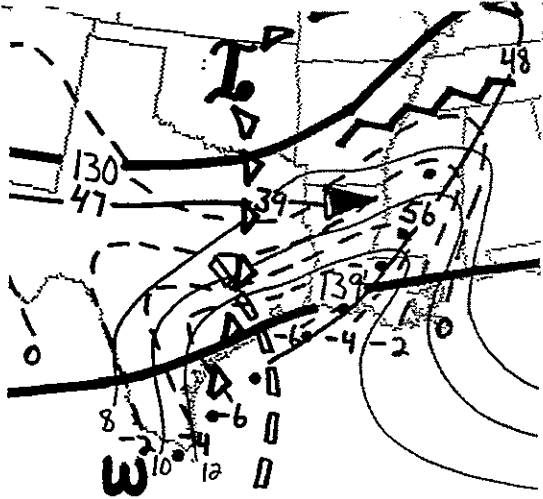


SURFACE MAP 00Z

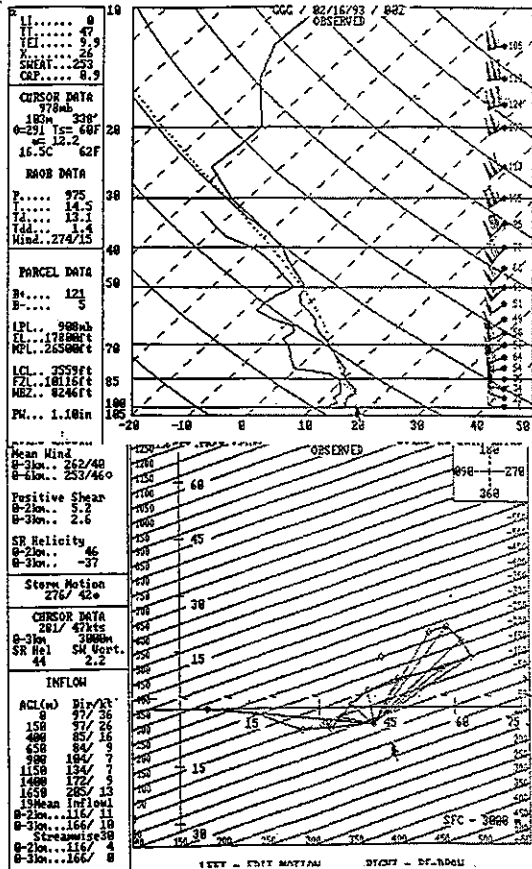
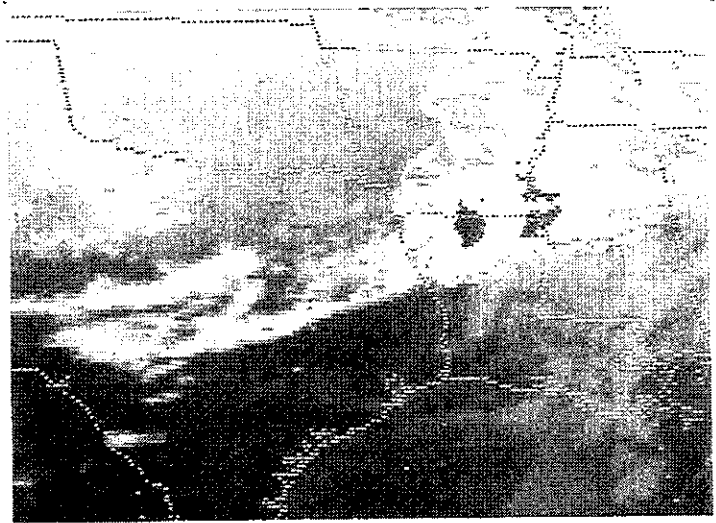


COMPOSITE MAP 00Z

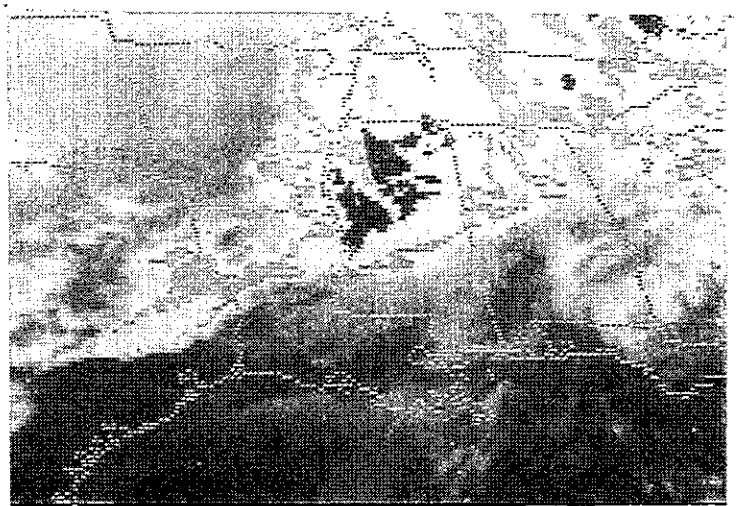
SATELLITE 20Z 15 FEBRUARY



SATELLITE 00Z 16 FEBRUARY



SATELLITE 02Z 16 FEBRUARY



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 02/18/93 - 0600CST 02/19/93

Total Non-Tornadoic Reports: 4

Large Hail Reports... 1      Damaging Wind Reports... 3

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

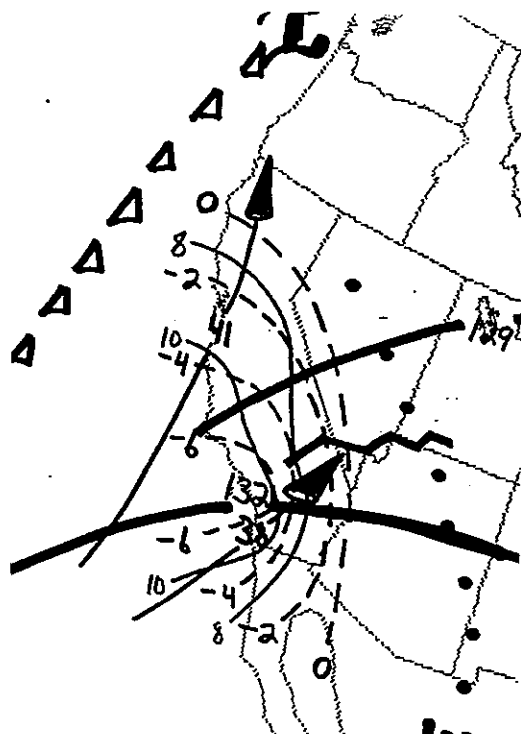
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	1	0	1	0	0	1	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

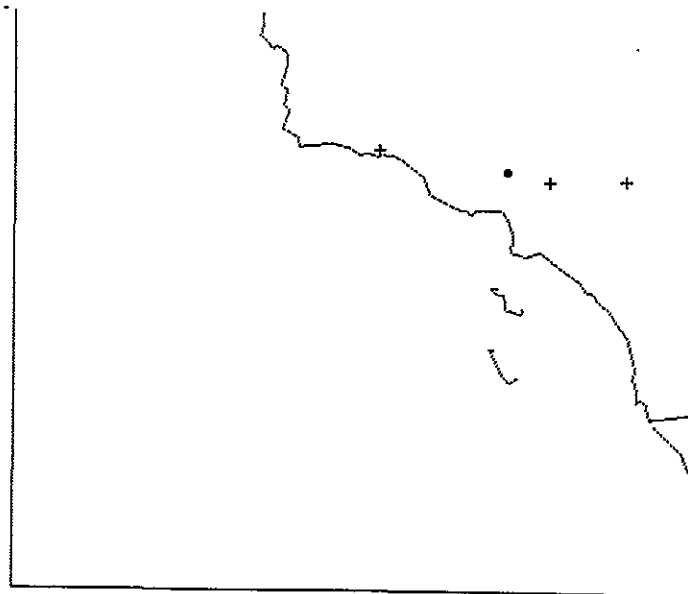
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

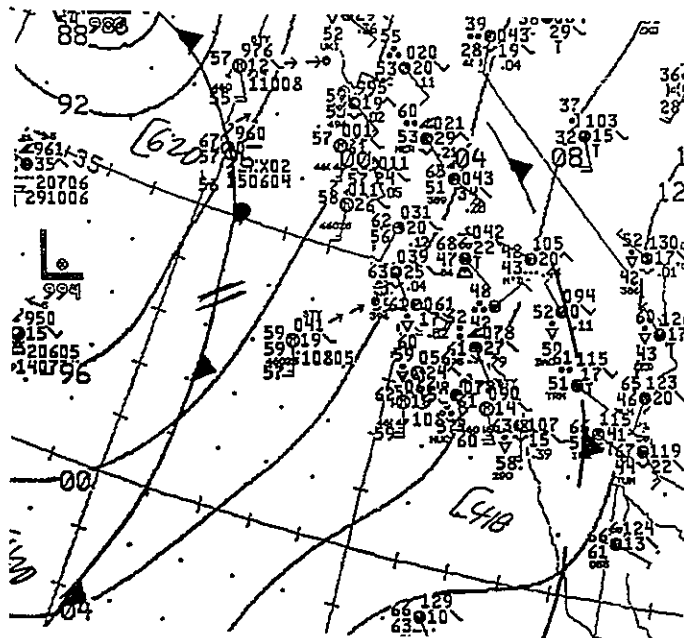


ALL SEVERE REPORTS



0600CST 02/18/93 - 0600CST 02/19/93

SURFACE MAP 00Z

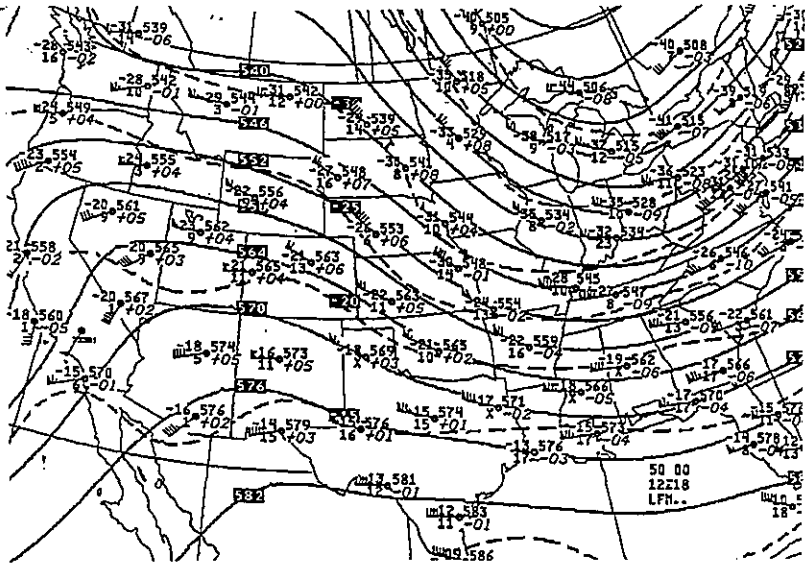


# THURSDAY, FEBRUARY 18TH, 1993

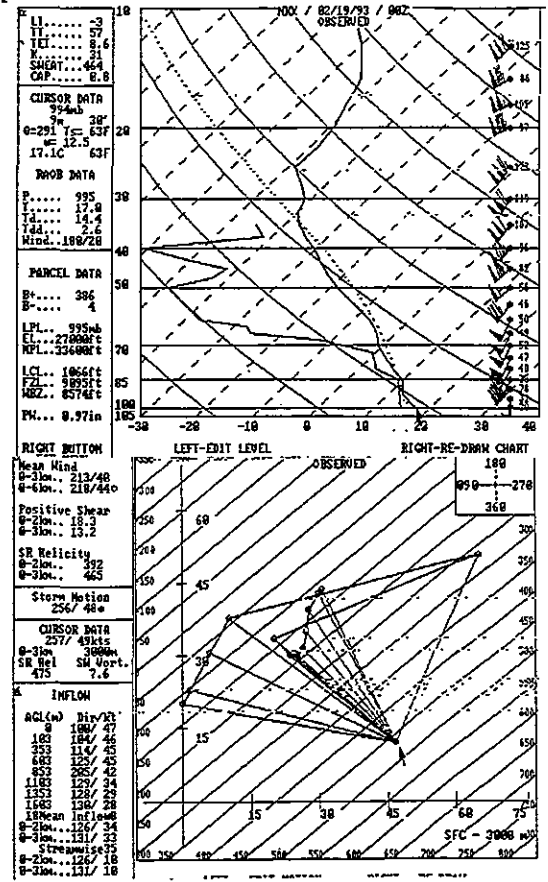
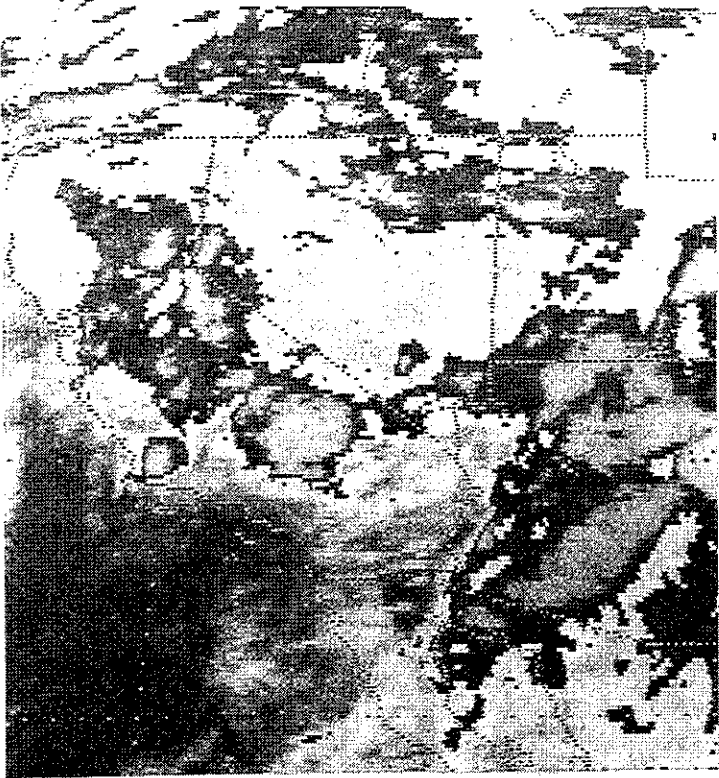
## SIGNIFICANT WIND EVENTS

DATE TIME EVENT STATE COUNTY...Location KIL INJ DMG  
 FEB 18 2030 107 MPH GUST CA Mount Wilson - - -  
 1 TOTAL

500 MB 00Z



SATELLITE 0230Z 19 FEBRUARY



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 02/21/93 - 0600CST 02/22/93

Total Non-Tornadic Reports: 142

Large Hail Reports... 66      Damaging Wind Reports... 76

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	26	15	19	4	1	1	66
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

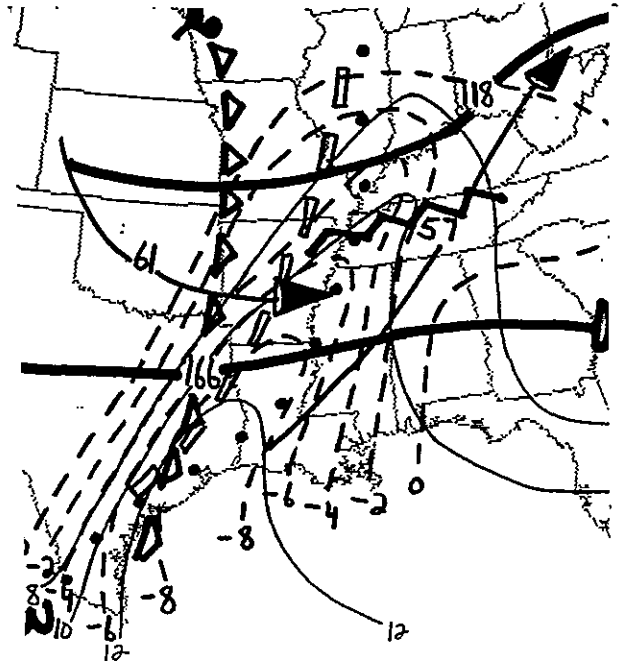
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	68	5	1	1	0	1	76
Fatalities	0	0	0	0	0	0	0
Injuries	10	0	0	0	0	0	10

Number of Tornado Segments: 26

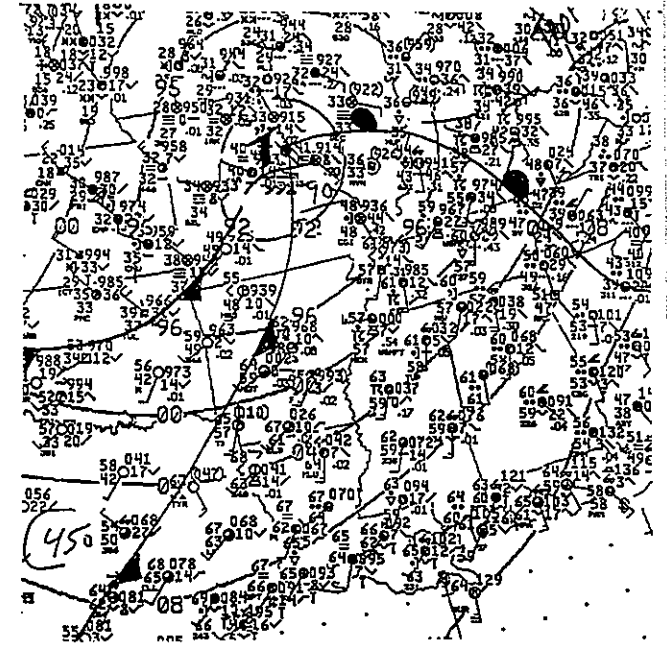
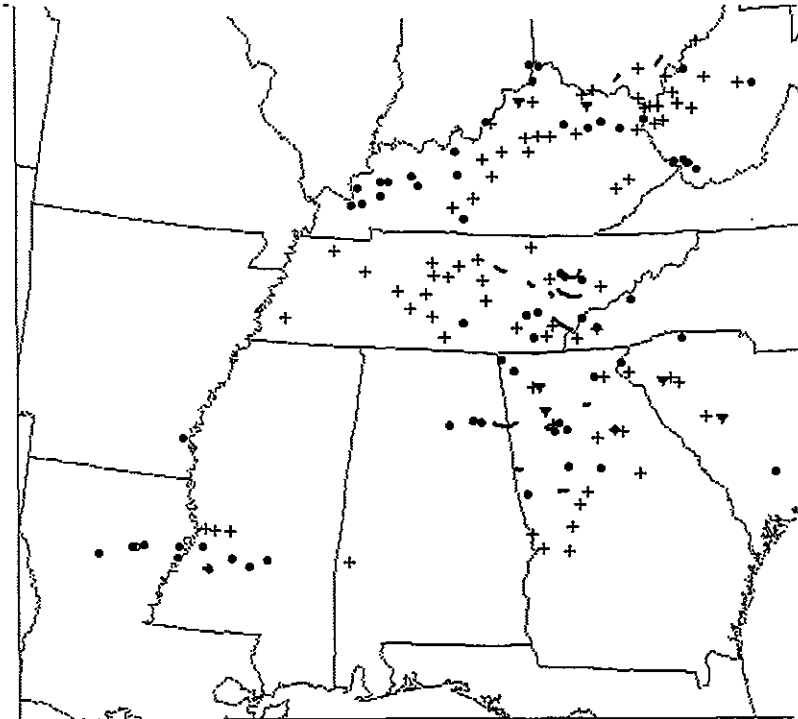
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	10	1	10	0	1	26
Fatalities	0	0	1	2	0	0	3
Injuries	0	8	2	119	0	5	134



ALL SEVERE REPORTS

SURFACE MAP 12Z



0600CST 02/21/93 - 0600CST 02/22/93

SEVE

SUNDAY FEBRUARY 21ST, 1993

SIGNIFICANT TORNADO EVENTS

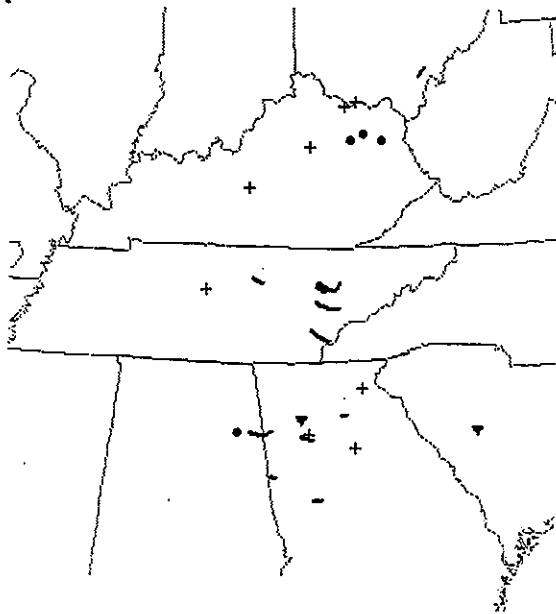
DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
FEB 21	1352	F-3	10.0 100	TN	DOUBLE SPRINGS	-	6	---
FEB 21	1535	F-3	16.0 150	TN	OAK RIDGE	-	3	2 M
FEB 21	1610	F-3	16.5 100	TN	LENOIR CITY	1	55	1 M
FEB 21	1645	F-1	19.0 100	TN	TELLICO PLAINS	-	17	1 M
FEB 21	1710	F-1	8.0 75	OH	SALEM CENTER	-	3	---
FEB 21	1800	F-3	14.0 100	AL	CHEROKEE COUNTY	-	5	---
FEB 21	1900	F-3	9.0 880	GA	CEDARTOWN	1	35	1 M
FEB 21	1950	F-1	1.0 50	GA	CARTERSVILLE	-	1	---
FEB 21	2015	F-3	8.0 880	GA	MARIETTA	-	3	10M
FEB 21	2050	F-1	4.0 330	GA	OAKWOOD	-	1	1 M
FEB 21	2130	F-1	7.0 500	GA	EPHESUS	-	1	1 M
FEB 21	2245	F-1	12.0 600	GA	GREENVILLE	-	1	1 M
FEB 21	2320	F-2	8.0 100	GA	CONCORD	1	2	1 M
FEB 22	0015	F-1	0.5 450	SC	LEESVILLE	-	2	1 M
14 TOTAL						3	135	20M

SIGNIFICANT HAIL EVENTS

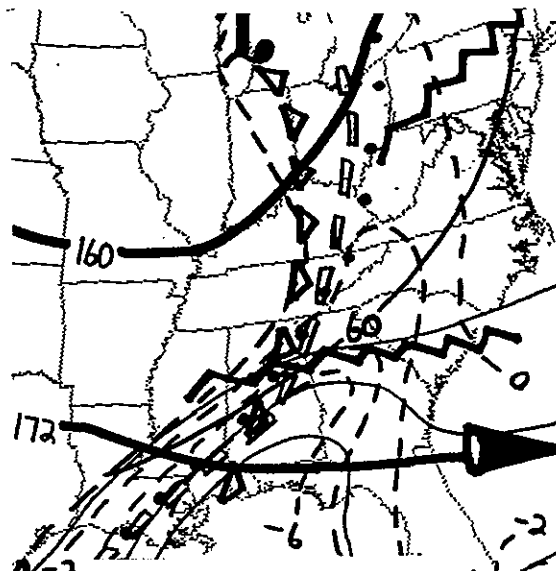
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
FEB 21	1530	2.75 INCH	TN	MORGAN..	COALFIELD	-	---
FEB 21	1530	3.50 INCH	TN	ANDERSON..	OAK RIDGE	-	---
FEB 21	1535	2.75 INCH	TN	MORGAN..	OLIVER SPRINGS	-	---
FEB 21	1540	2.00 INCH	KY	BATH		-	---
FEB 21	1612	2.00 INCH	KY	ROWAN		-	---
FEB 21	1620	2.00 INCH	KY	ELLIOTT		-	---
FEB 21	1803	4.50 INCH	AL	HOKES BLUFF		-	---
7 TOTAL						-	---

SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
FEB 21	1248	80 MPH GUST	TN	RUTHERFORD..	SMYRNA	-	-	---
FEB 21	1430	WIND DAMAGE	KY	MOUNT	SHERMAN	-	1	---
FEB 21	1515	WIND DAMAGE	KY	LEXINGTON		-	1	1 M
FEB 21	1550	WIND DAMAGE	OH	MANCHESTER		-	5	---
FEB 21	1555	WIND DAMAGE	KY	MASON (WESTERN)		-	-	1 M
FEB 21	2012	80 MPH GUST	GA	MARIETTA		-	-	---
FEB 21	2035	WIND DAMAGE	GA	HABERSHAM		-	3	---
FEB 21	2125	115 MPH GUST	GA	MONROE		-	-	10M
8 TOTAL						-	10	12M

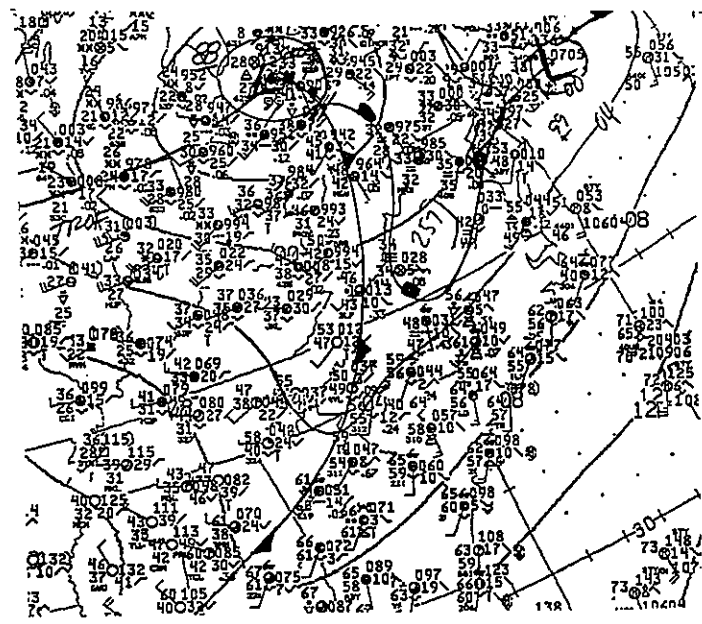
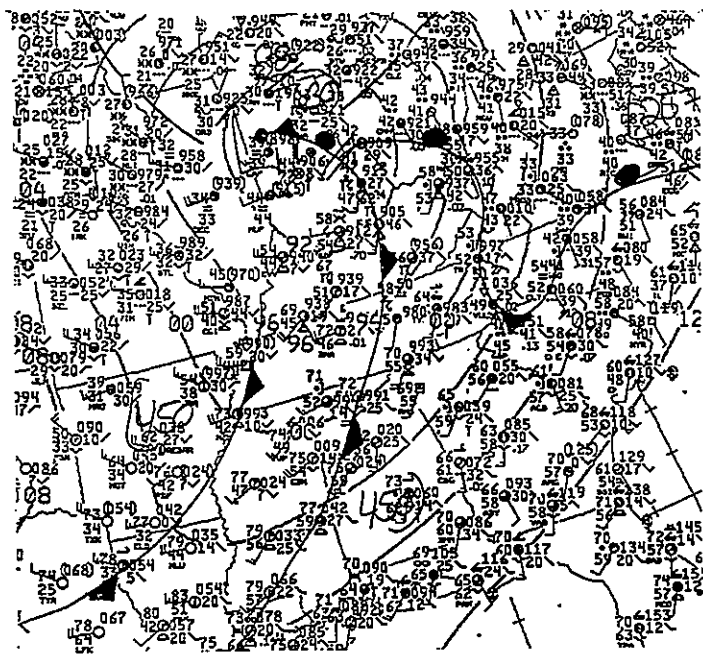


COMPOSITE MAP 00Z

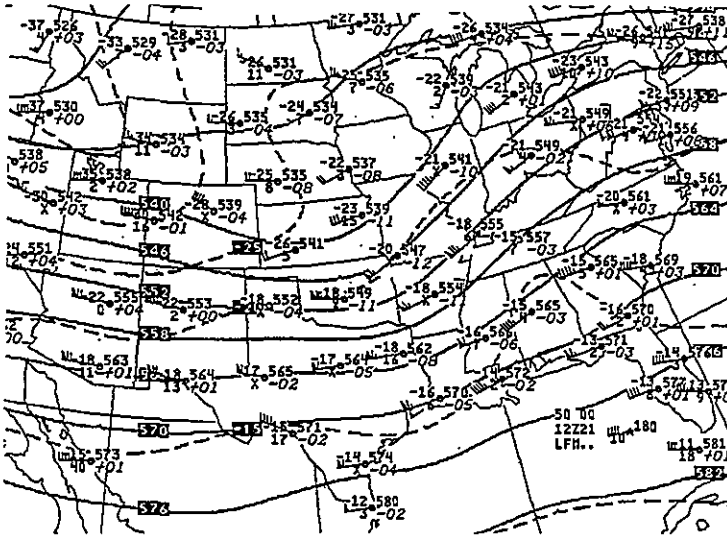


SURFACE MAP 06Z

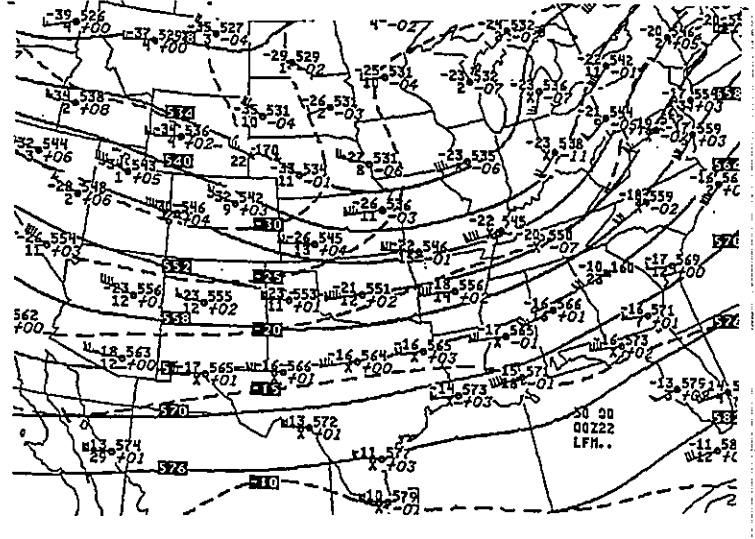
SURFACE MAP 21Z



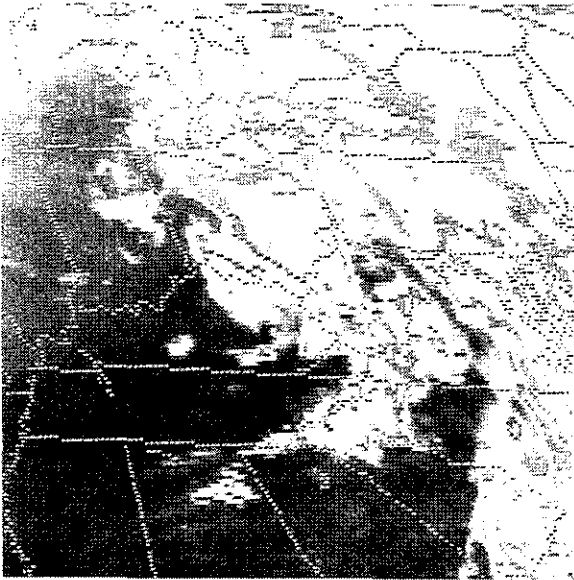
500 MB 12Z



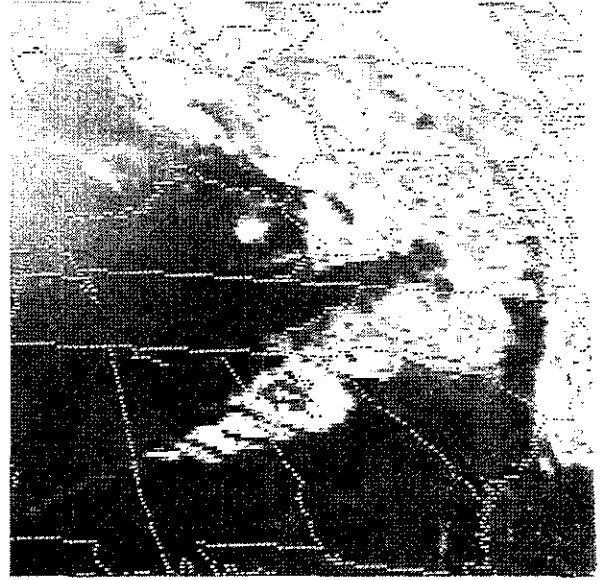
500 MB 00Z



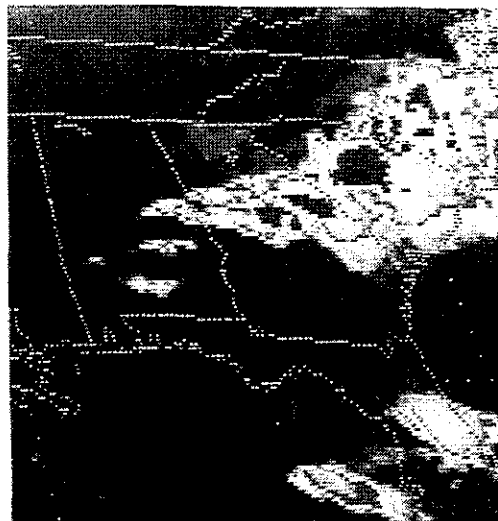
SATELLITE 2330Z 21 FEBRUARY



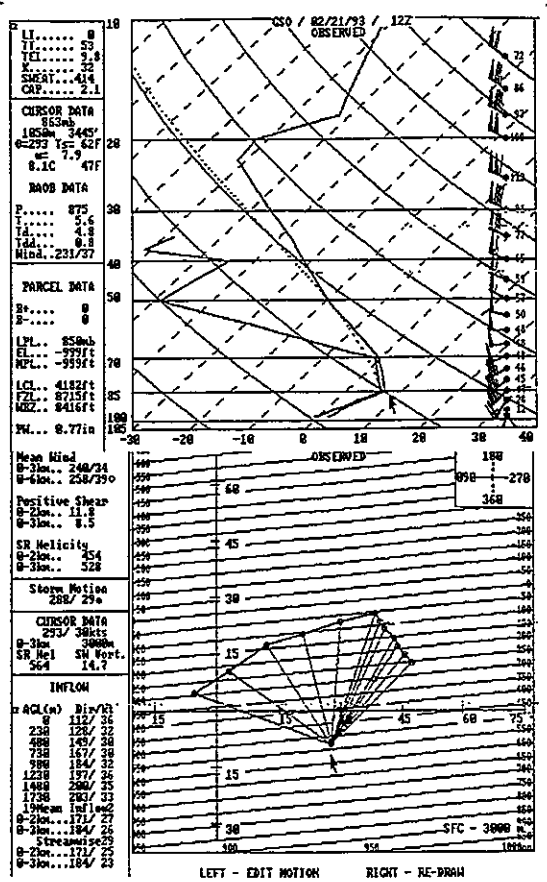
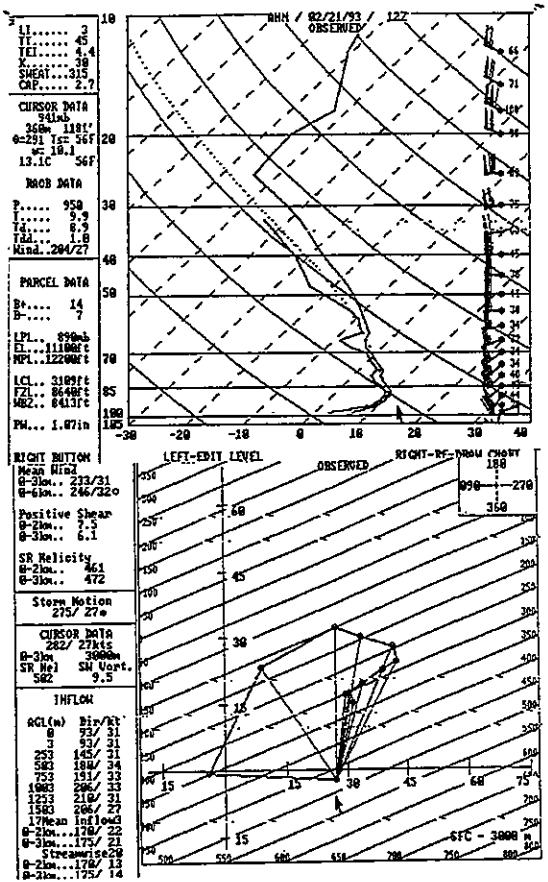
SATELLITE 0130Z 22 FEBRUARY



SATELLITE 0530Z 22 FEBRUARY







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 02/22/93 - 0600CST 02/23/93

Total Non-Tornadic Reports: 8

Large Hail Reports... 6      Damaging Wind Reports... 2

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	4	2	0	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

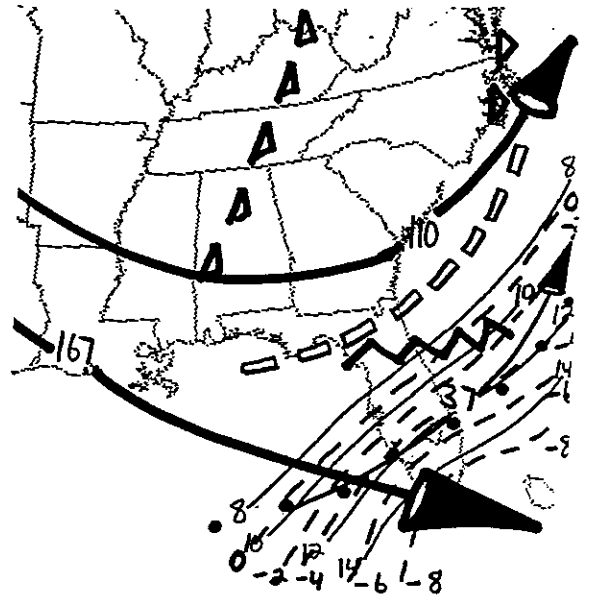
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

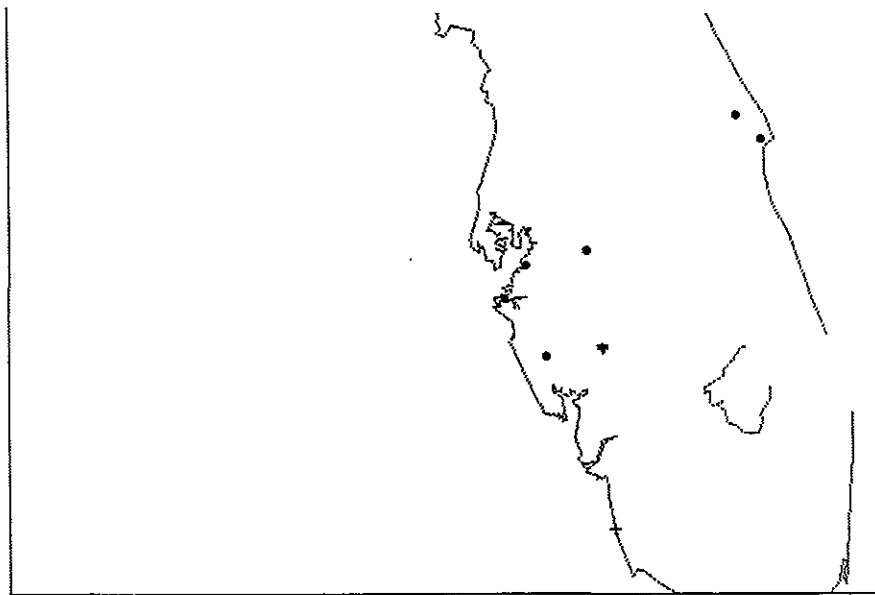
Number of Tornado Segments: 1

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



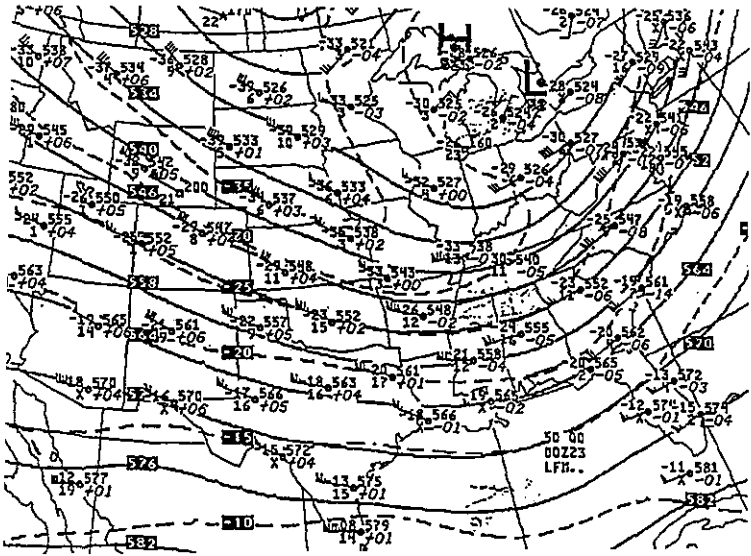
ALL SEVERE REPORTS



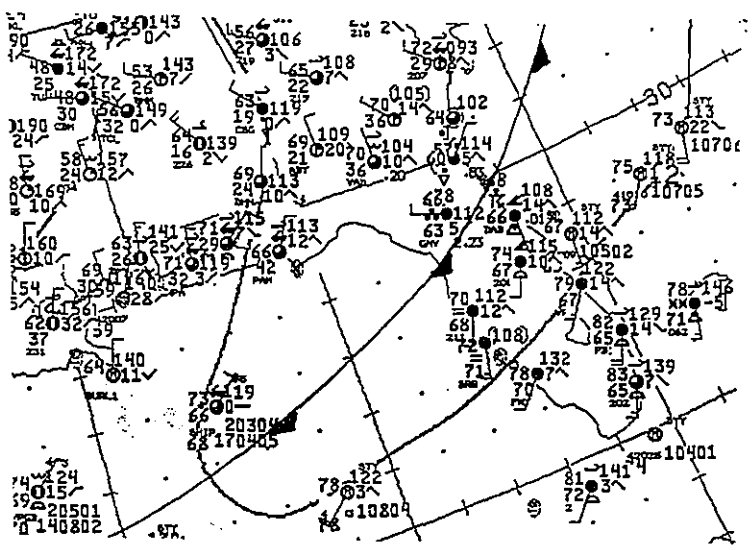
0600CST 02/22/93 - 0600CST 02/23/93

SEVERE WEAT

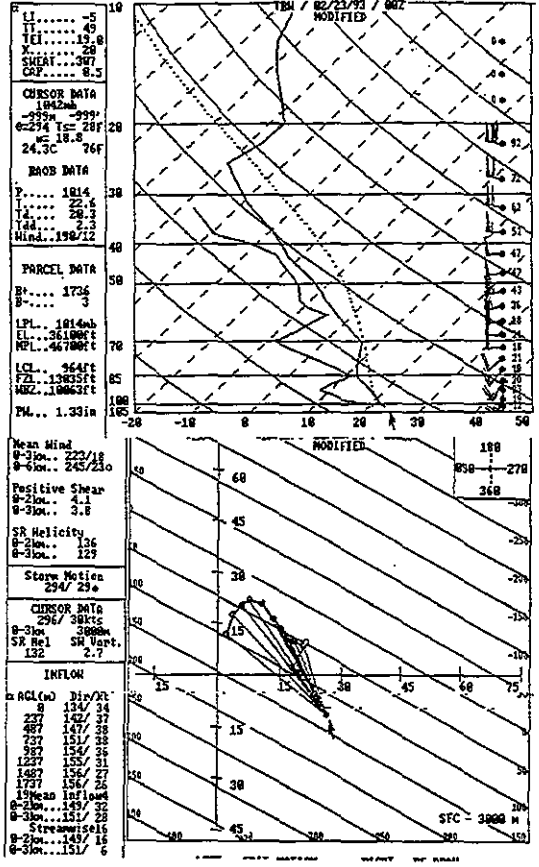
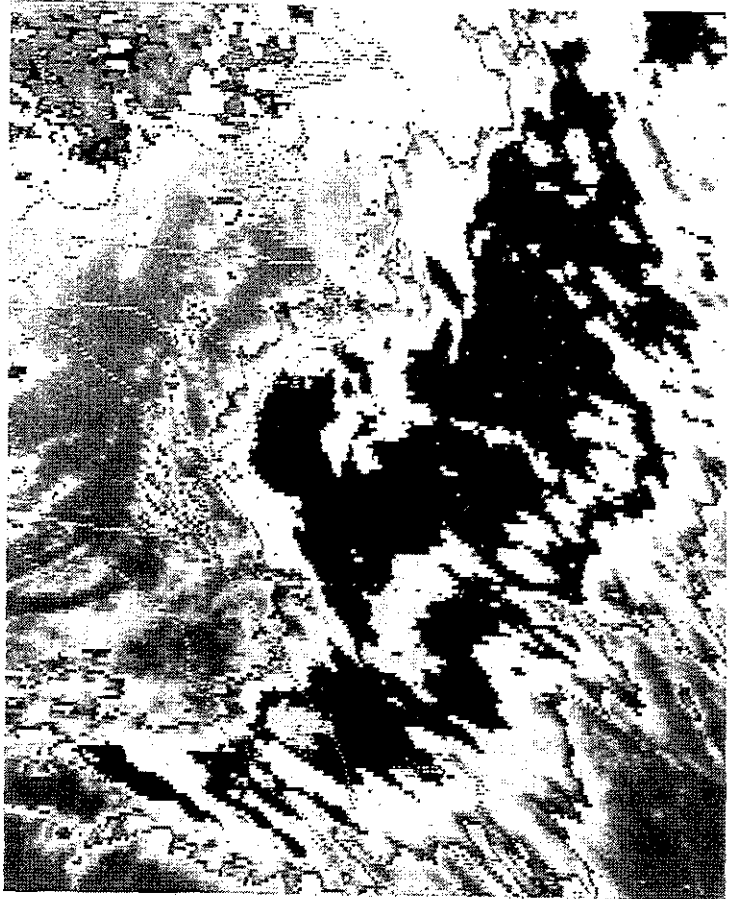
500 MB 00Z



SURFACE MAP 18Z



SATELLITE 2230Z 22 FEBRUARY



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/03/93 - 0600CST 03/04/93

Total Non-Tornadic Reports: 13

Large Hail Reports... 0 Damaging Wind Reports... 13

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

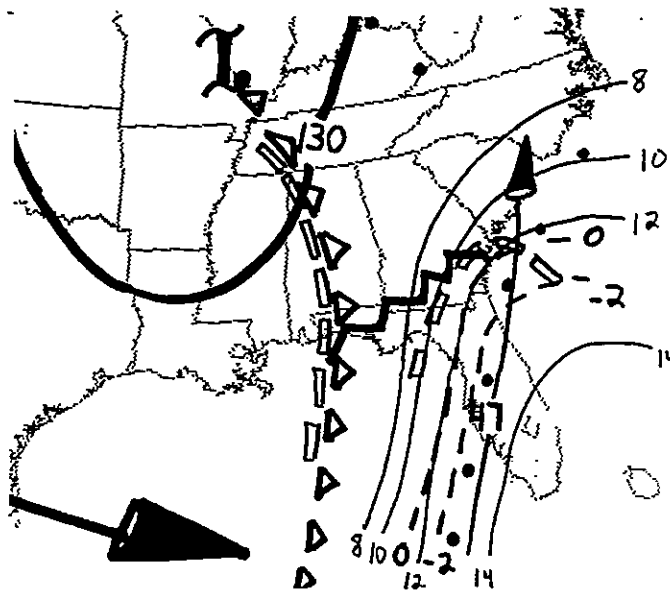
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	10	2	0	1	0	0	13
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	0	0	0	0	1

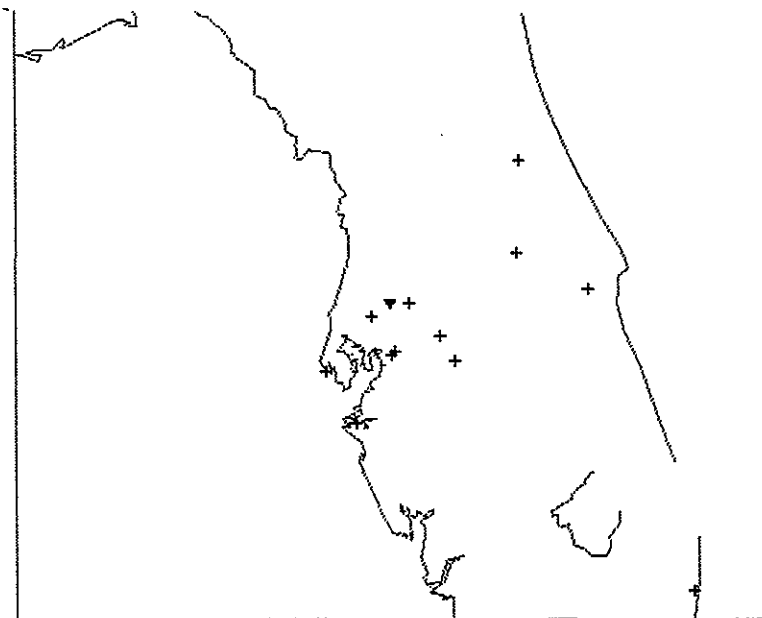
Number of Tornado Segments: 1

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	1	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

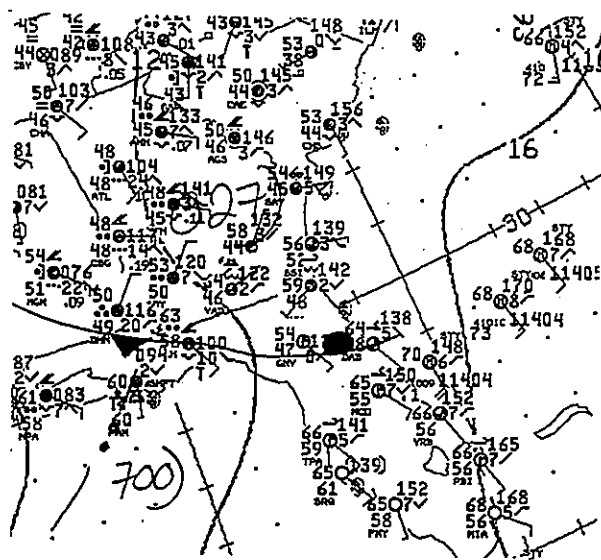


ALL SEVERE REPORTS



0600CST 03/03/93 - 0600CST 03/04/93

SURFACE MAP 03Z



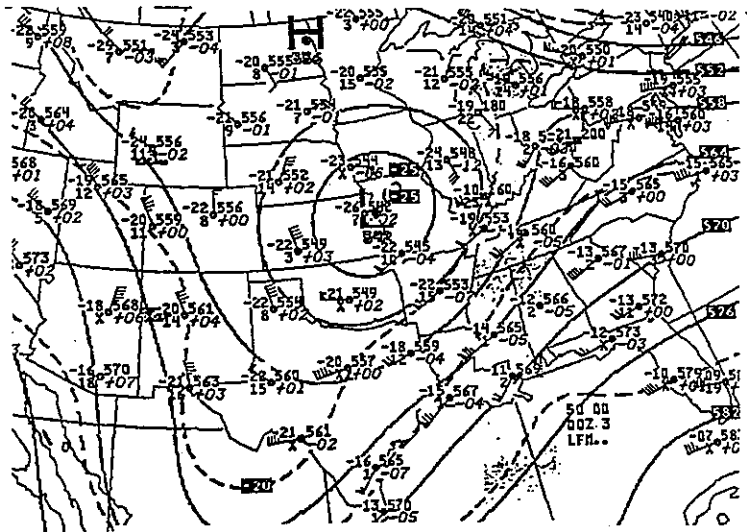
# WEDNESDAY, MARCH 3RD, 1993

## SIGNIFICANT WIND EVENTS

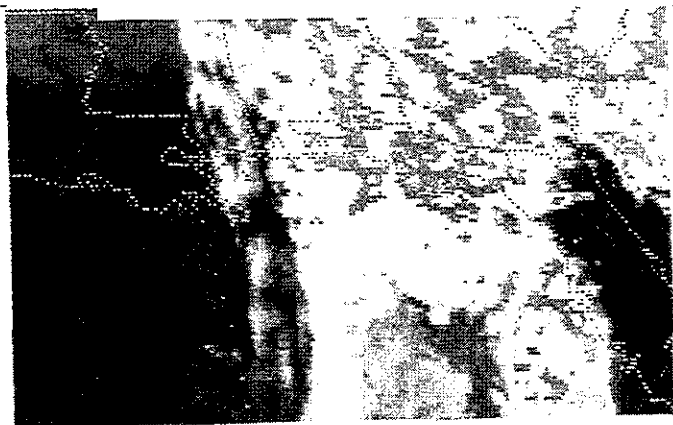
DATE	TIME	EVENT	STATE	COUNTY...Location	KIL	INJ	DMG
MAR 03	2024	90 MPH GUST	FL	PINELLAS...Madeira	-	-	---
MAR 03	2213	WIND DAMAGE	FL	POLK...Lakeland	-	1	---
<b>2 TOTAL</b>					-	1	---



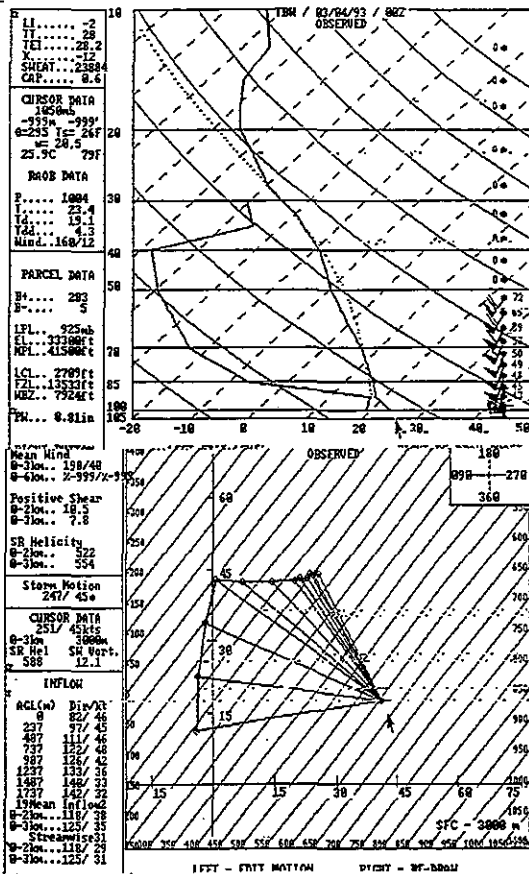
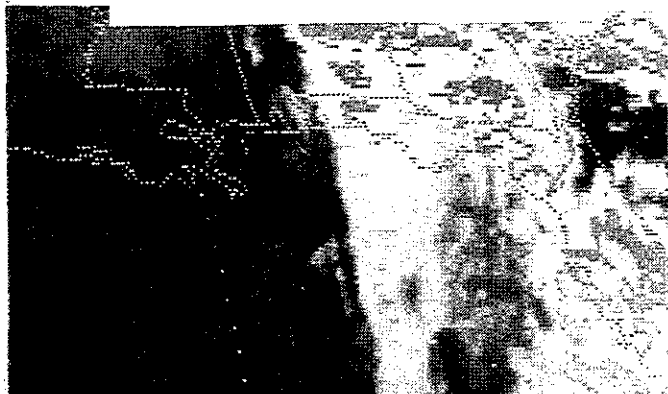
500 MB 00Z



SATELLITE 23Z 3 MARCH



SATELLITE 0130Z 4 MARCH



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/12/93 - 0600CST 03/13/93

Total Non-Tornadoic Reports: 54

Large Hail Reports... 0      Damaging Wind Reports... 54

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

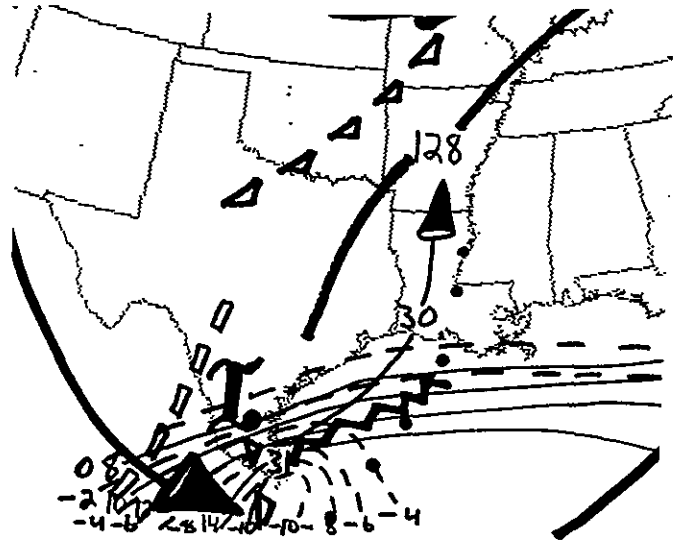
DAMAGING WIND

	WNDC	50	60	70	80	90	TOT
Wind	38	4	8	3	1	0	54
Fatalities	1	0	0	0	0	0	1
Injuries	0	0	0	1	0	0	1

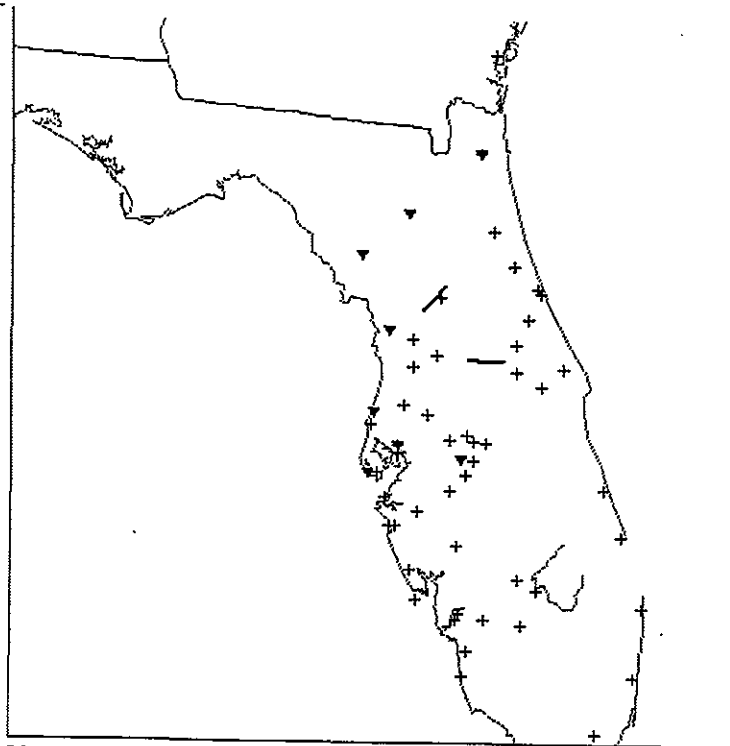
Number of Tornado Segments: 11

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	5	3	3	0	0	0	11
Fatalities	0	1	4	0	0	0	5
Injuries	11	7	70	0	0	0	88

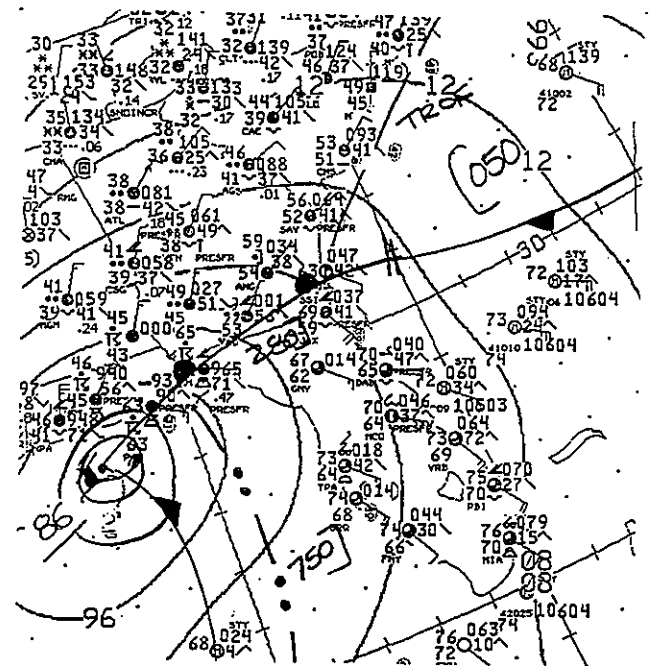


ALL SEVERE REPORTS



0600CST 03/12/93 - 0600CST 03/13/93

SURFACE MAP 03Z



SIGNIFICANT EVENTS MAP

FRIDAY MARCH 12TH, 1993

SIGNIFICANT HAIL REPORTS

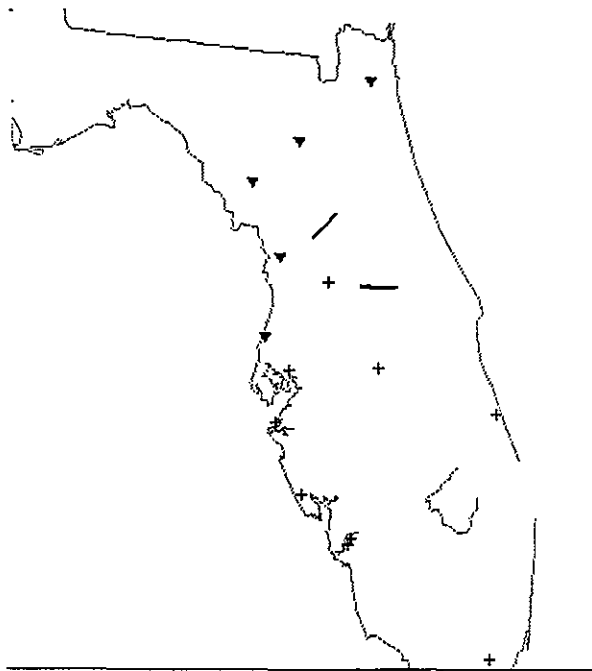
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
MAR 12	2238	F-2	1.0	80	FL	Chiefland	3	10	10 M
MAR 12	2238	F-1	0.5	30	FL	Crystal River	-	3	1 M
MAR 12	2304	F-0	0.1	10	FL	New Port Richey	-	11	---
MAR 12	2320	F-2	15.0	100	FL	Ocala	-	-	10 M
MAR 12	2320	F-1	0.8	60	FL	LaCrosse	1	4	1 M
MAR 12	2330	F-2	30.0	200	FL	Mount Dora	1	60	1 M
MAR 12	2400	F-1	0.8	50	FL	Jacksonville	-	-	1 M

7 TOTAL 5 88 24 X

SIGNIFICANT WIND EVENTS

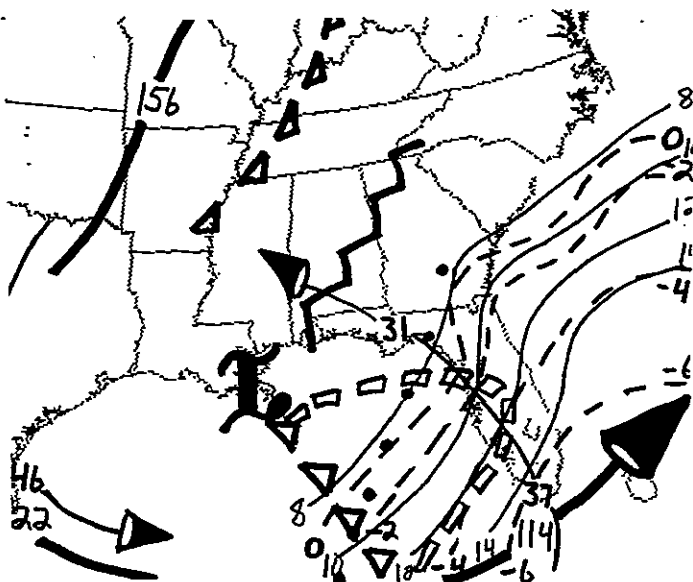
DATE	TIME	EVENT	STATE	COUNTY...Location	KIL	INJ	DMG
MAR 12	2309	95 MPH GUST	FL	HILLSBOROUGH-Tampa	-	-	---
MAR 12	????	WIND DAMAGE	FL	MANATEE-Terra Ceia	1	-	---
MAR 12	2314	75 MPH GUST	FL	HILLSBOROUGH-Tampa	-	-	---
MAR 12	2320	WIND DAMAGE	FL	HILLSBOROUGH-Tampa	-	-	1 M
MAR 12	2334	75 MPH GUST	FL	HILLSBOROUGH-Tampa	-	-	---
MAR 12	2335	WIND DAMAGE	FL	SUMTER	-	-	1 M
MAR 13	0015	WIND DAMAGE	FL	POLK...Winterhaven	-	-	1 M
MAR 13	0030	75 MPH GUST	FL	DUVAL-Jacksonville	-	-	---
MAR 13	0110	82 MPH GUST	FL	SARASOTA-Englewood	-	-	---
MAR 13	0120	75 MPH GUST	FL	LEE...Boca Grande	-	-	---
MAR 13	0145	WIND DAMAGE	FL	LEE-Bonita Springs	-	-	1 M
MAR 13	0202	69 MPH GUST	FL	LEE...Fort Myers	-	-	1 M
MAR 13	0320	83 MPH GUST	FL	INDIAN RIVER-Vero Beach	1	1	1 M
MAR 13	0345	83 MPH GUST	FL	DADE...Virginia Key	-	-	---
MAR 13	0352	WIND DAMAGE	FL	DADE...Naranja	1	1	1 M

15 TOTAL 2 2 7 M

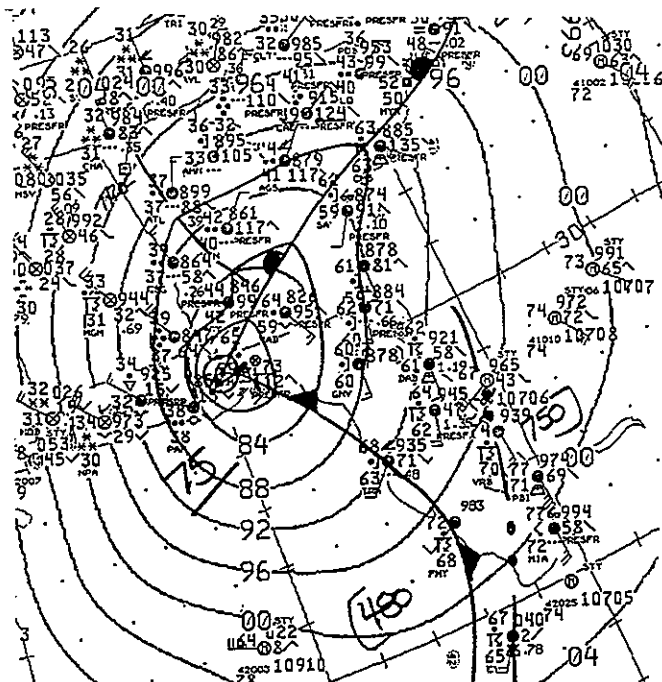


33/12/93 - 0600CST 03/13/93

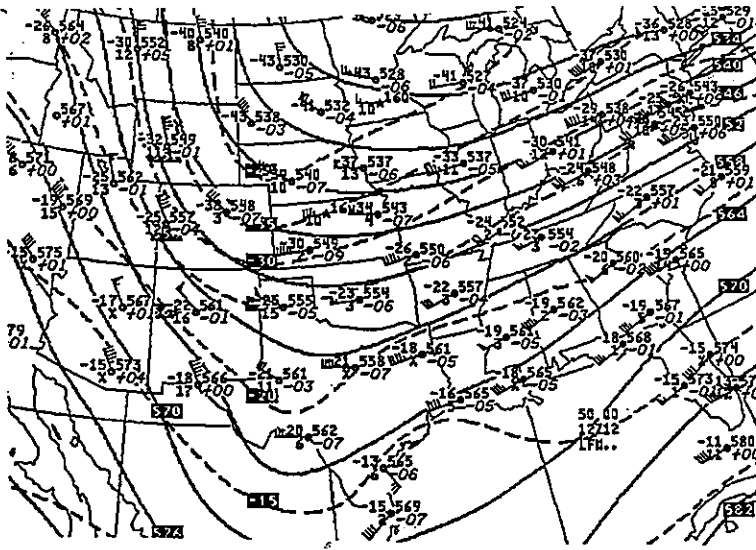
COMPOSITE MAP 002



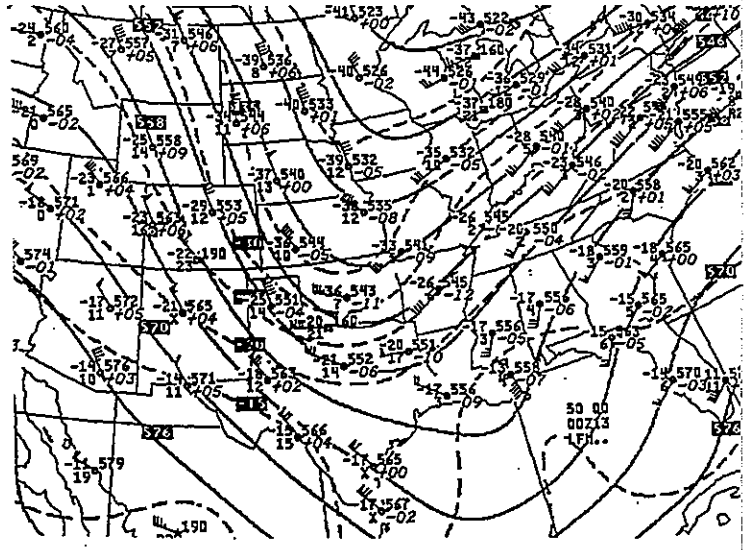
SURFACE MAP 09Z



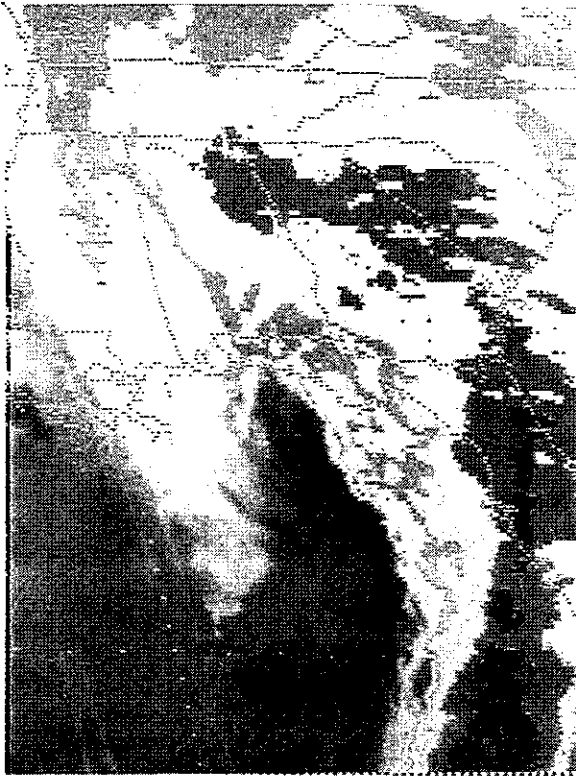
500 MB 12Z



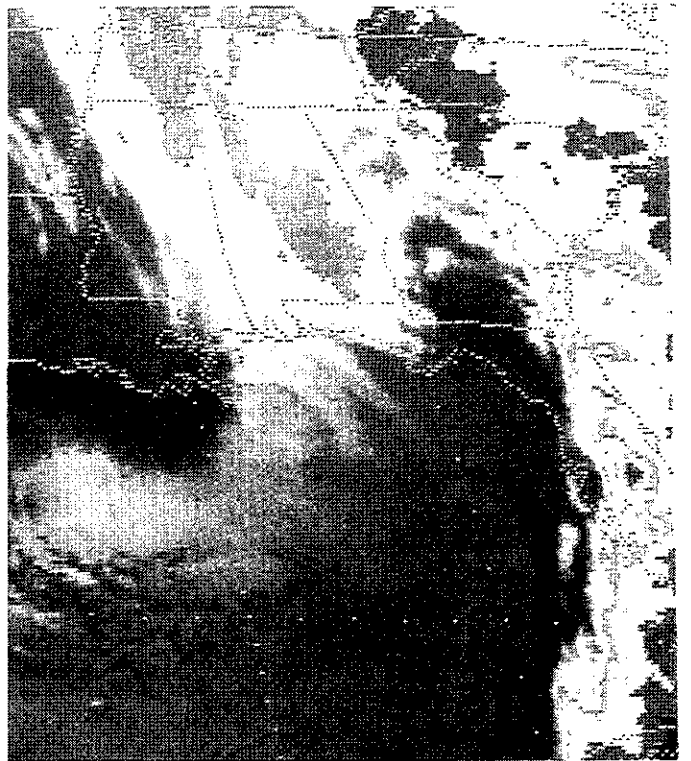
500 MB 00Z



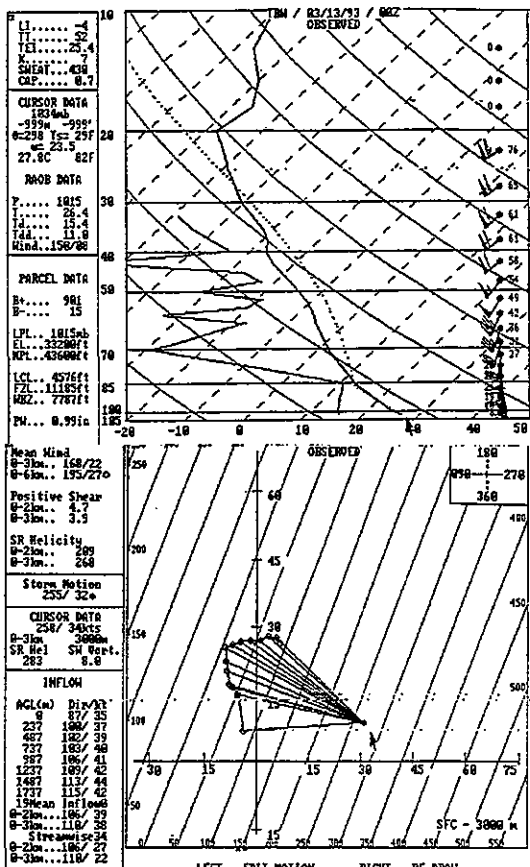
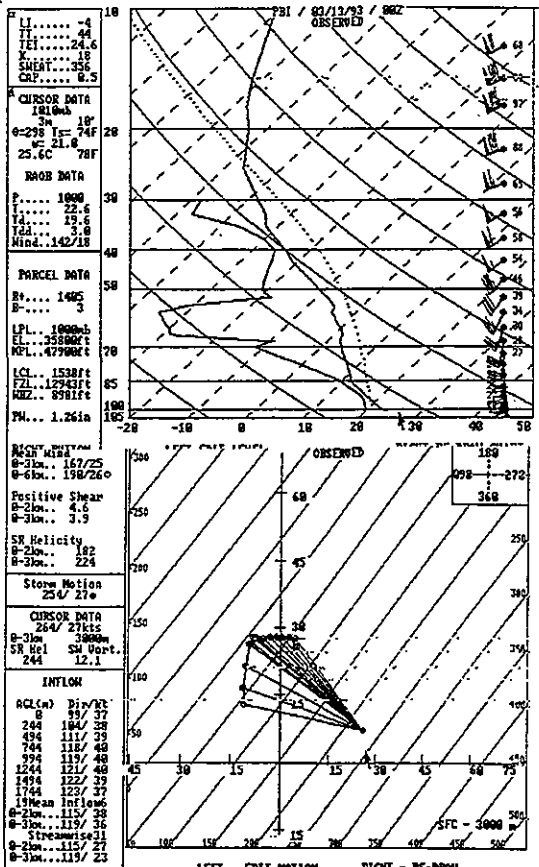
SATELLITE 0530Z 13 MARCH



SATELLITE 0930Z 13 MARCH







CASE NO. 69

COMPOSITE MAP 00Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/17/93 - 0600CST 03/18/93

Total Non-Tornadoic Reports: 2

Large Hail Reports... 0      Damaging Wind Reports... 2

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

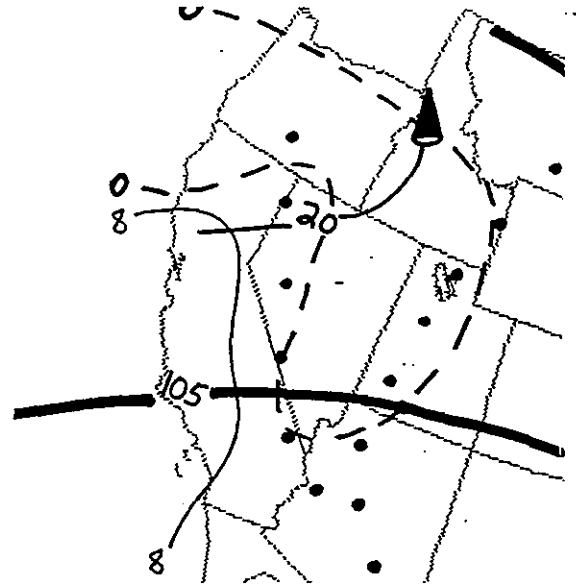
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

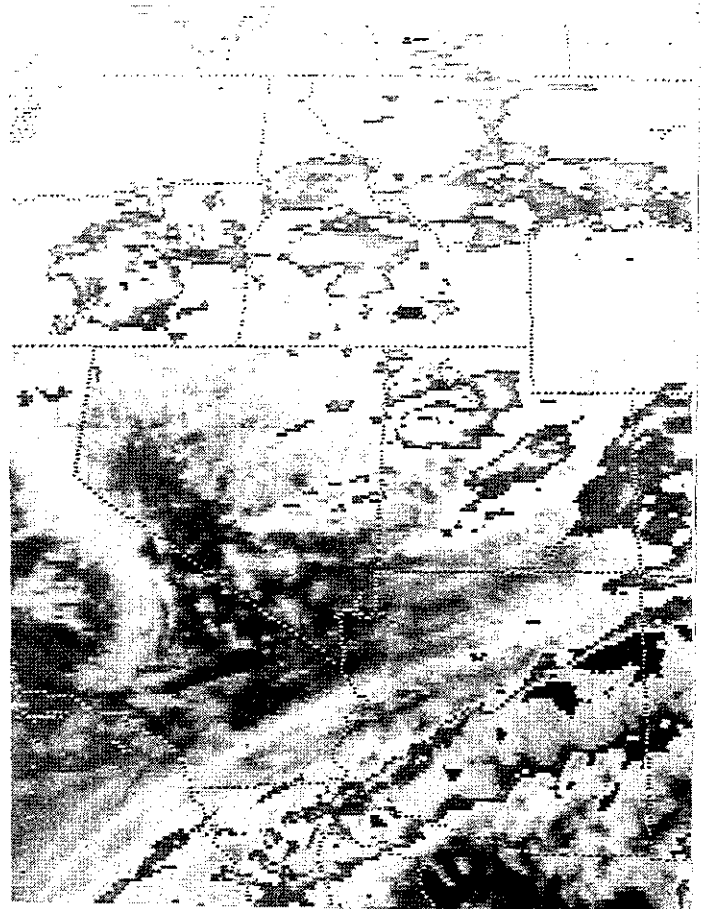
Number of Tornado Segments: 3

TORNADO SEGMENTS

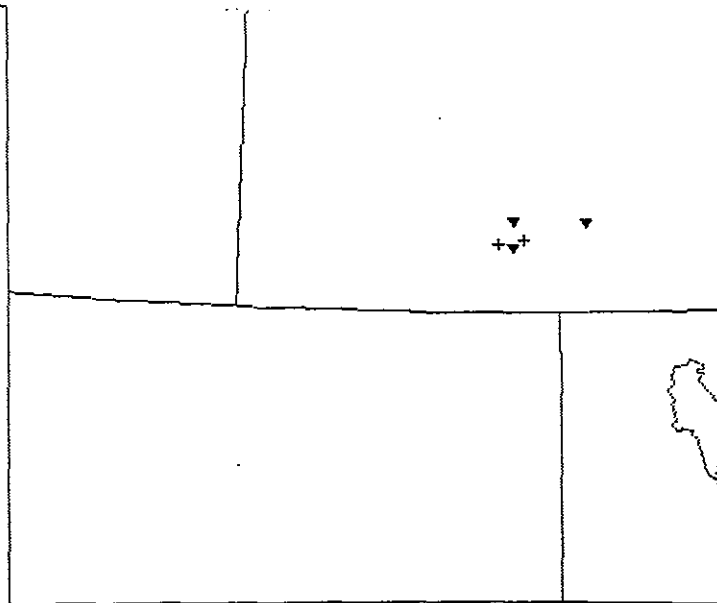
	F0	F1	F2	F3	F4	F5	TOT
Segments	3	0	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



SATELLITE 01Z 18 MARCH



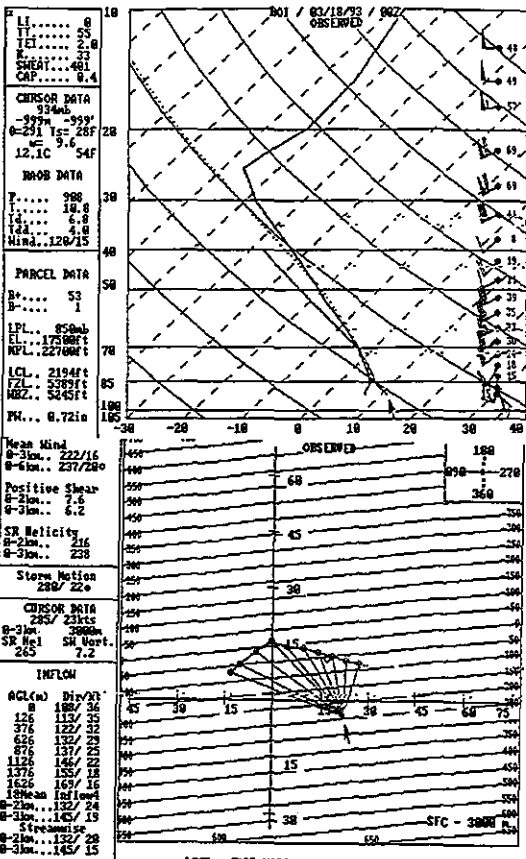
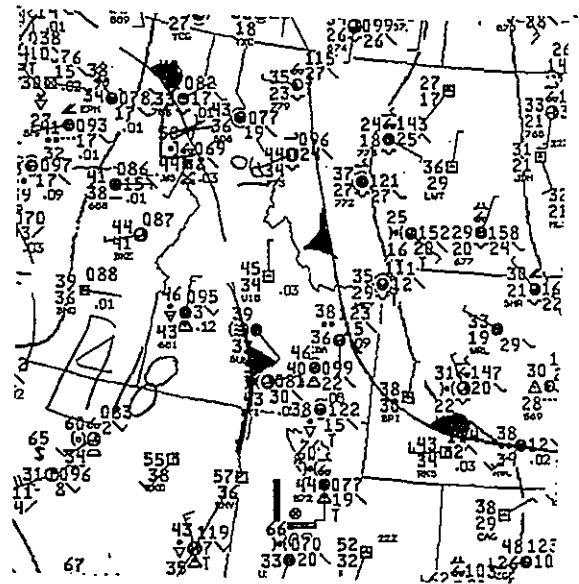
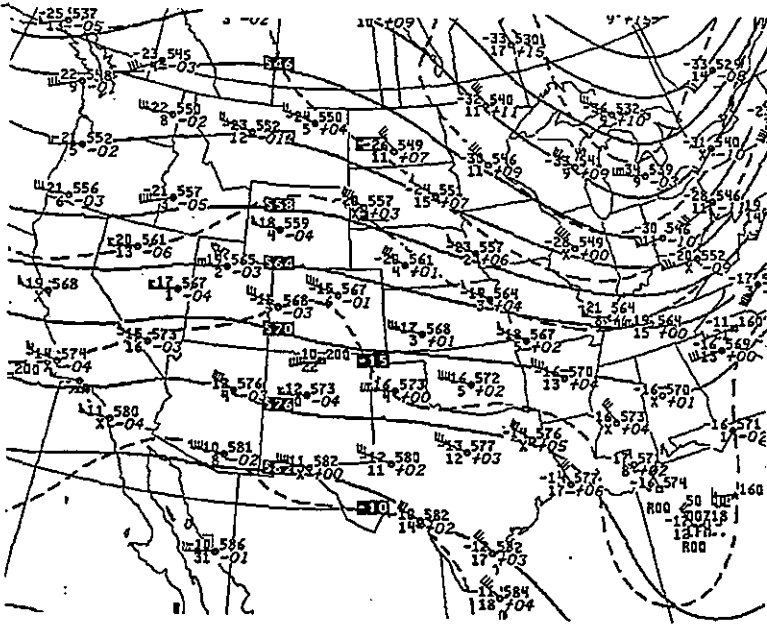
ALL SEVERE REPORTS



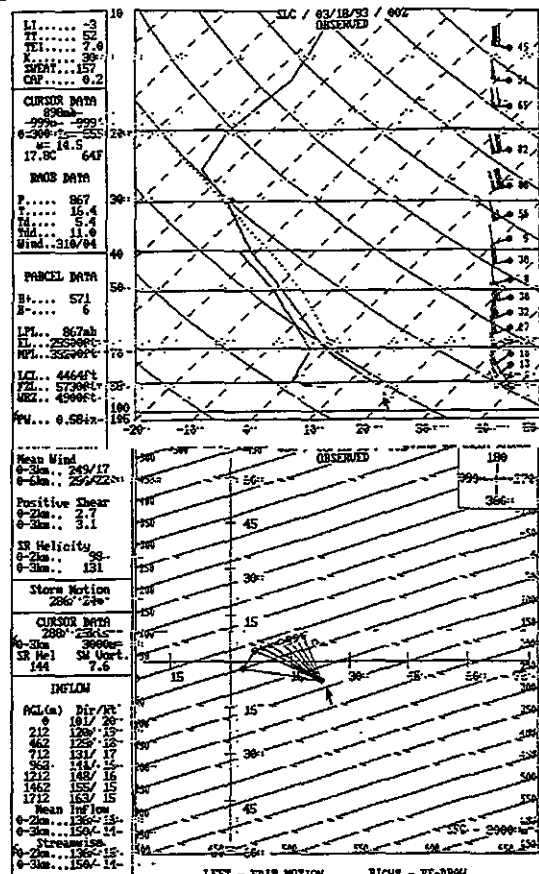
0600CST 03/17/93 - 0600CST 03/18/93

500 MB 00Z

SURFACE MAP 00Z



LEFT - EDIT NOTION RIGHT - RE-DRAW



LEFT - EDIT NOTION RIGHT - RE-DRAW

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/23/93 - 0600CST 03/24/93

Total Non-Tornadic Reports: 2

Large Hail Reports... 1      Damaging Wind Reports... 1

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

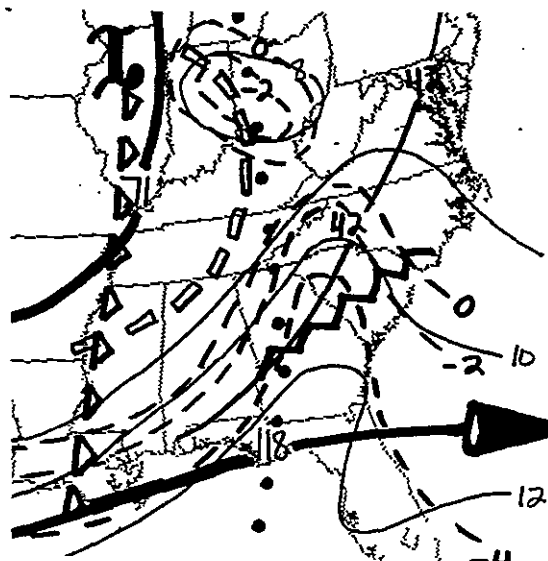
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

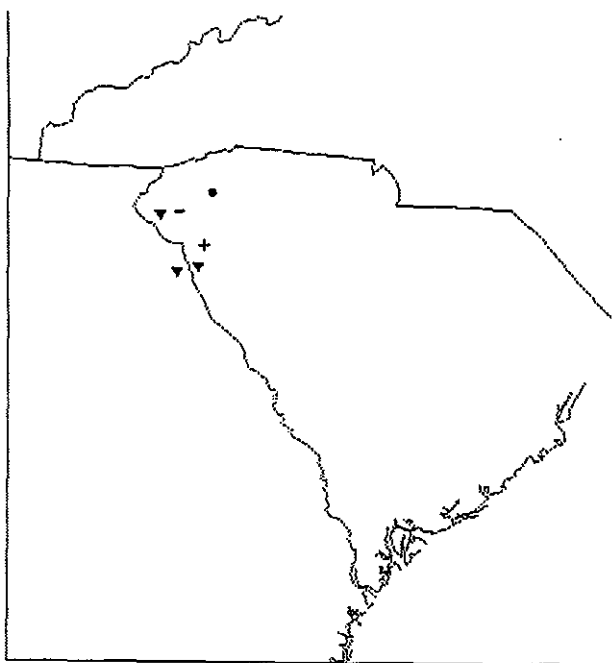
Number of Tornado Segments: 4

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	3	1	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

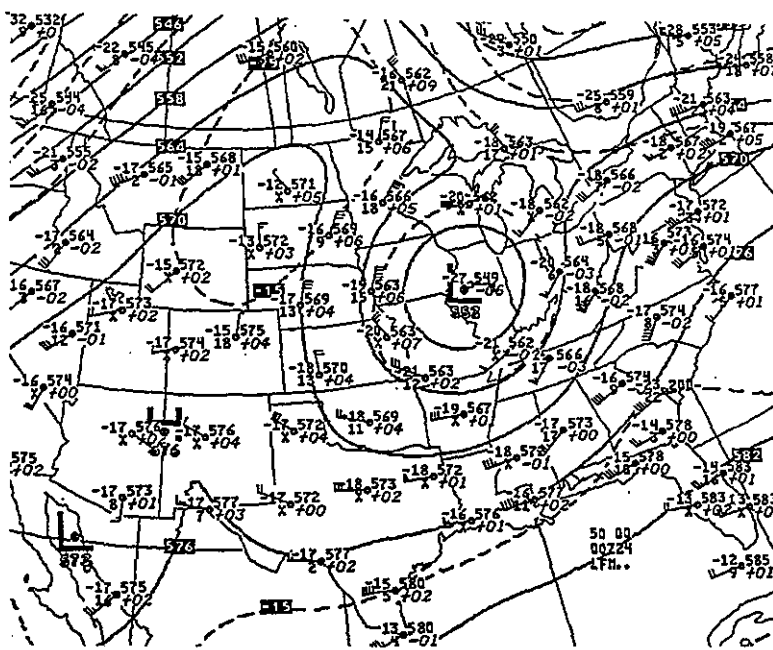


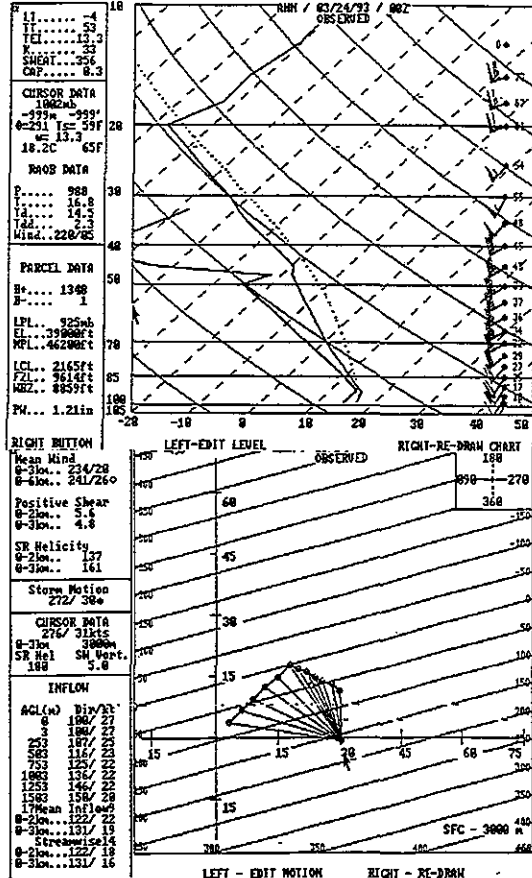
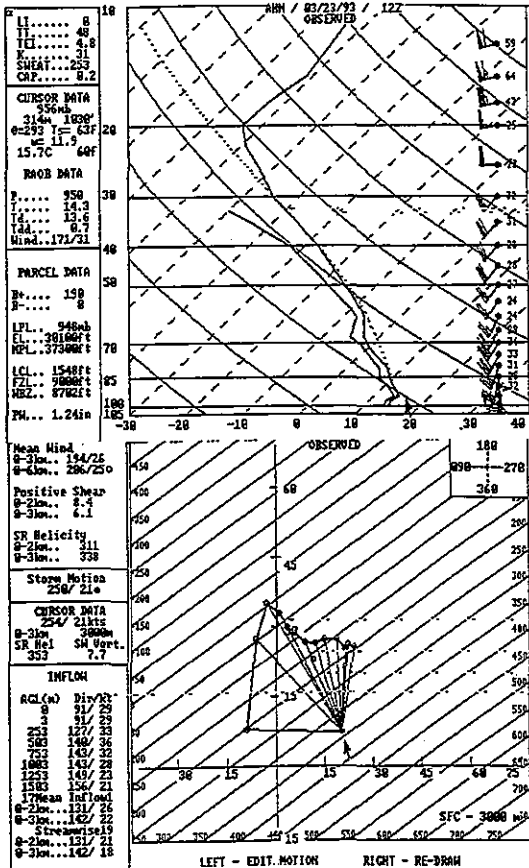
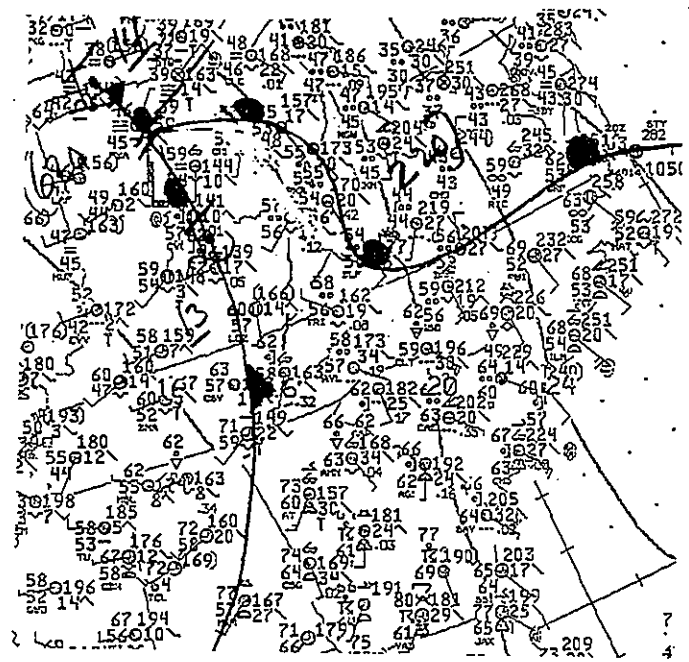
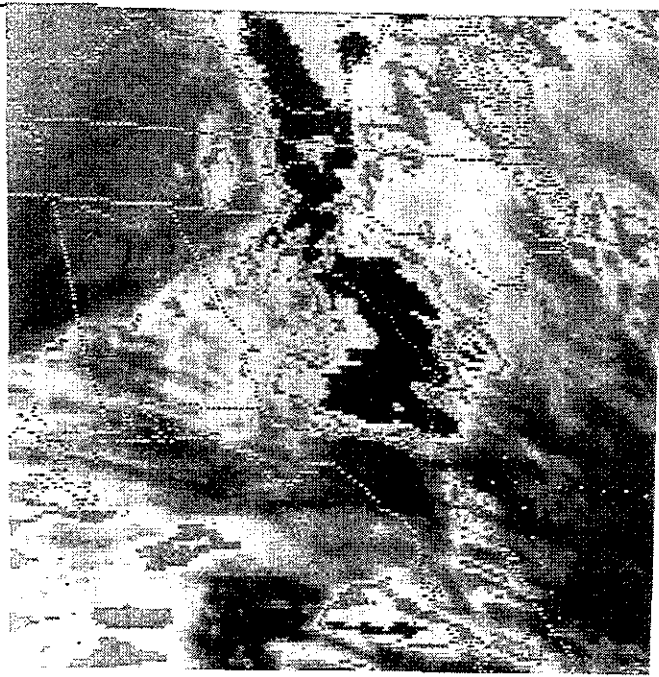
ALL SEVERE REPORTS



0600CST 03/23/93 - 0600CST 03/24/93

500 MB 00Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/24/93 - 0600CST 03/25/93

Total Non-Tornadic Reports: 11

Large Hail Reports... 11      Damaging Wind Reports... 0

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	6	4	1	0	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

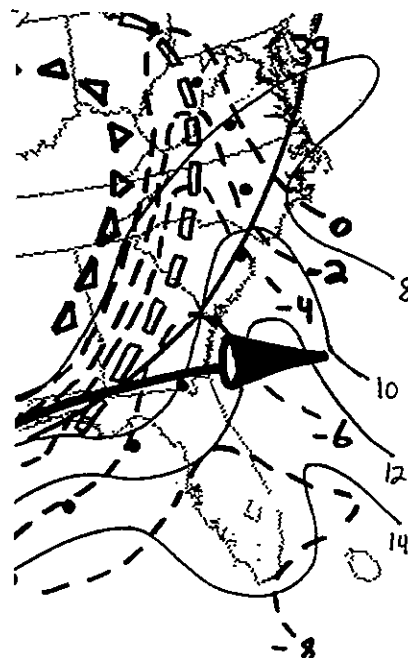
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

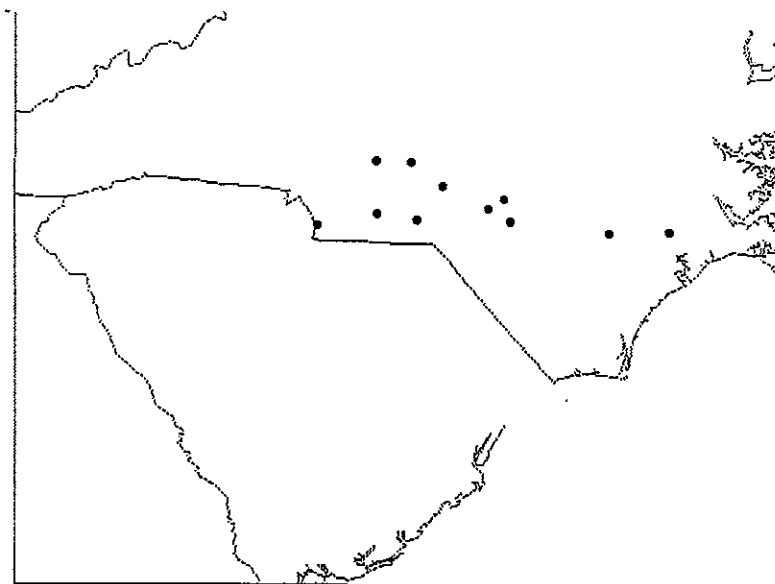
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



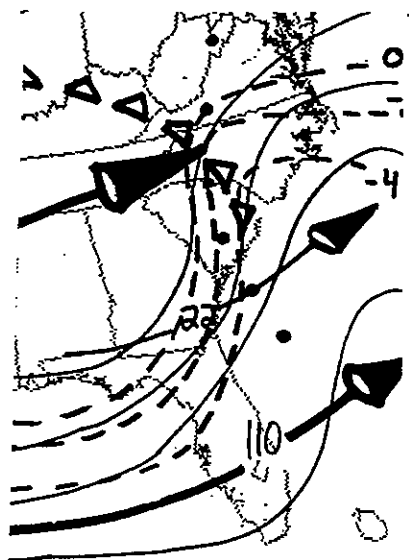
ALL SEVERE REPORTS



0600CST 03/24/93 - 0600CST 03/25/93

SE

COMPOSITE MAP 00Z



CASE NO. 71

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/24/93 - 0600CST 03/25/93

Total Non-Tornadoic Reports: 32

Large Hail Reports... 32      Damaging Wind Reports... 0

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	8	14	10	0	0	0	32
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

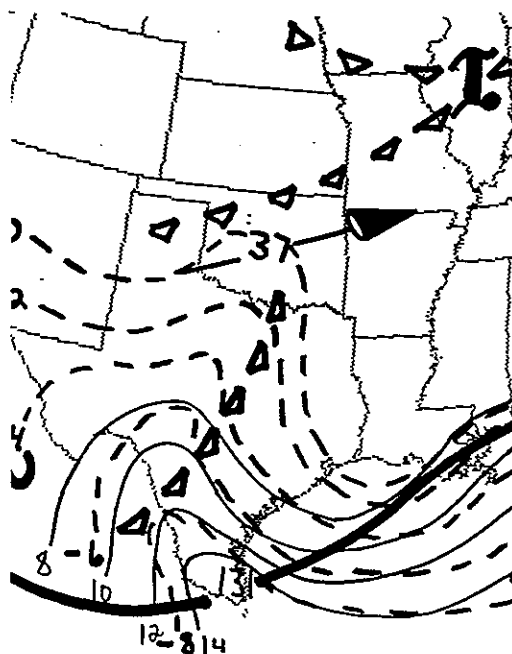
	WNDG	50	60	70	80	90	TOT
Wind	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

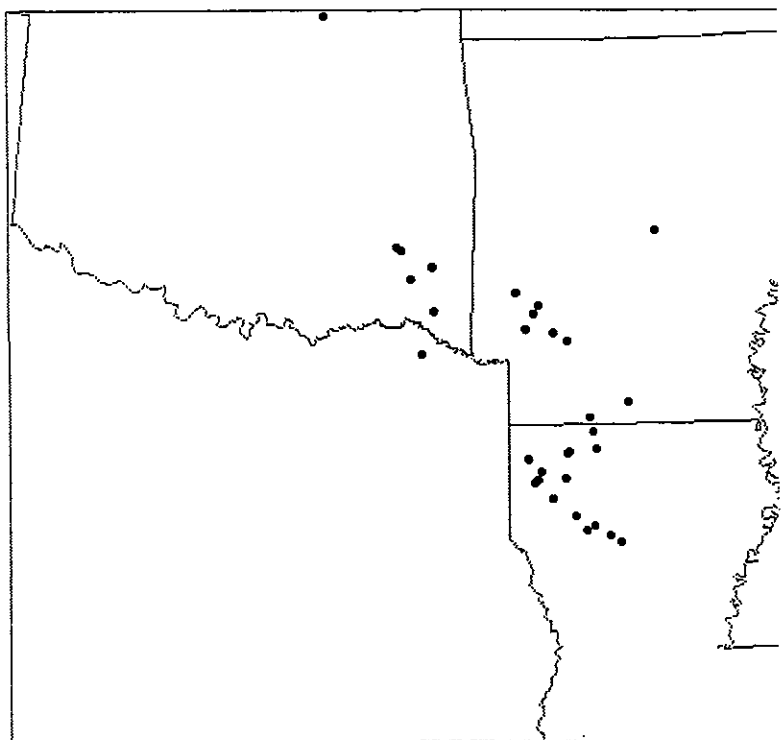
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

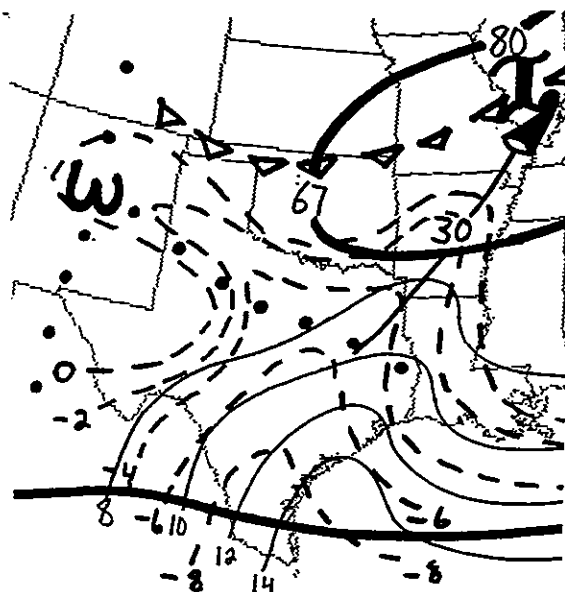
COMPOSITE MAP 12Z



ALL SEVERE REPORTS



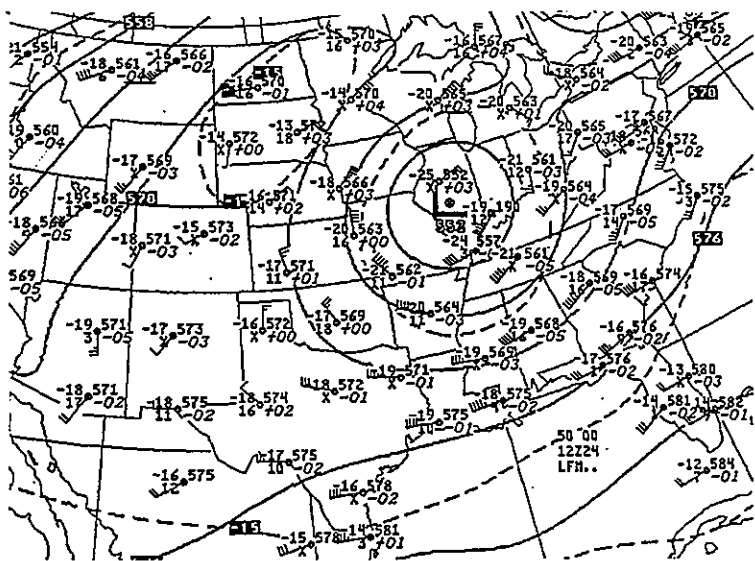
COMPOSITE MAP 00Z



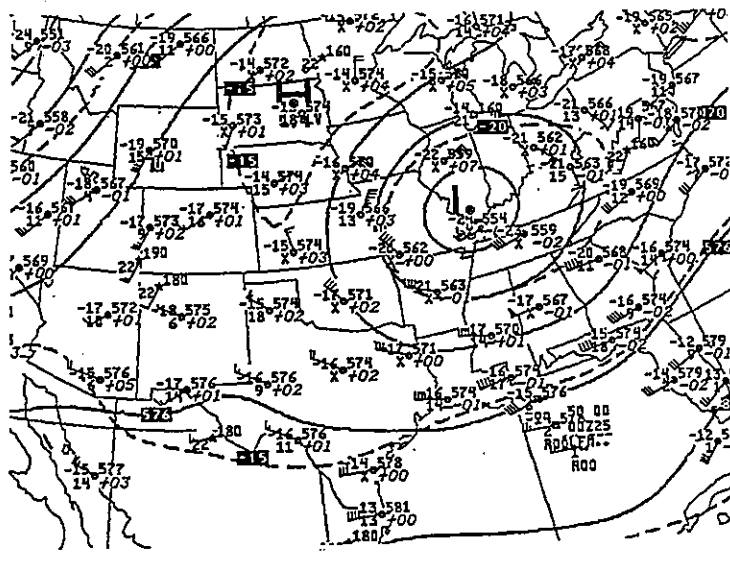
0600CST 03/24/93 - 0600CST 03/25/93

SEU

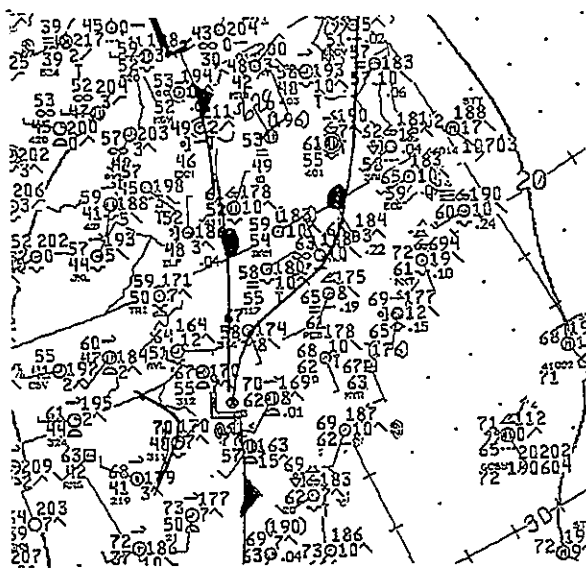
500 MB 00Z



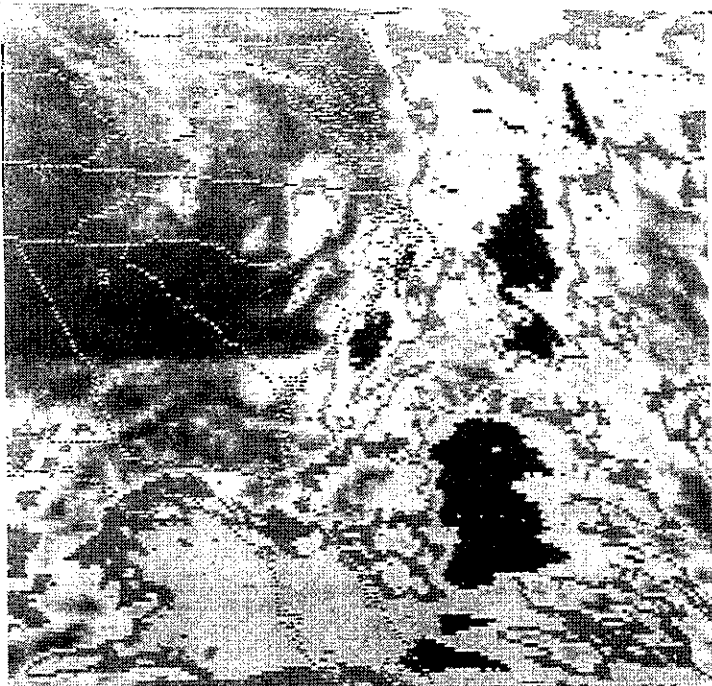
500 MB 12Z



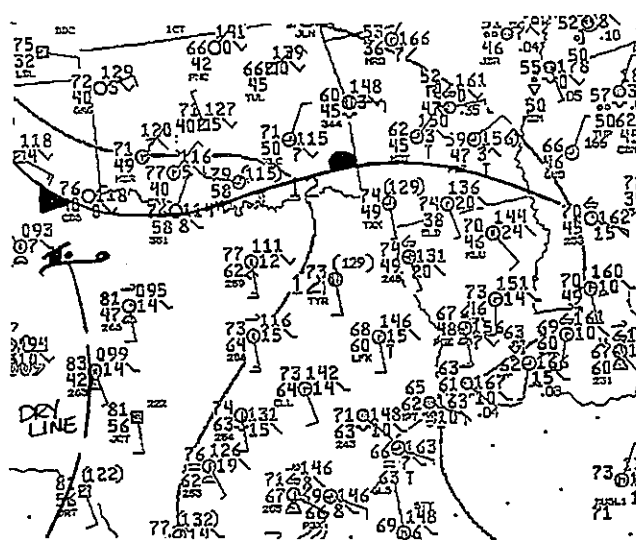
SURFACE MAP 18Z



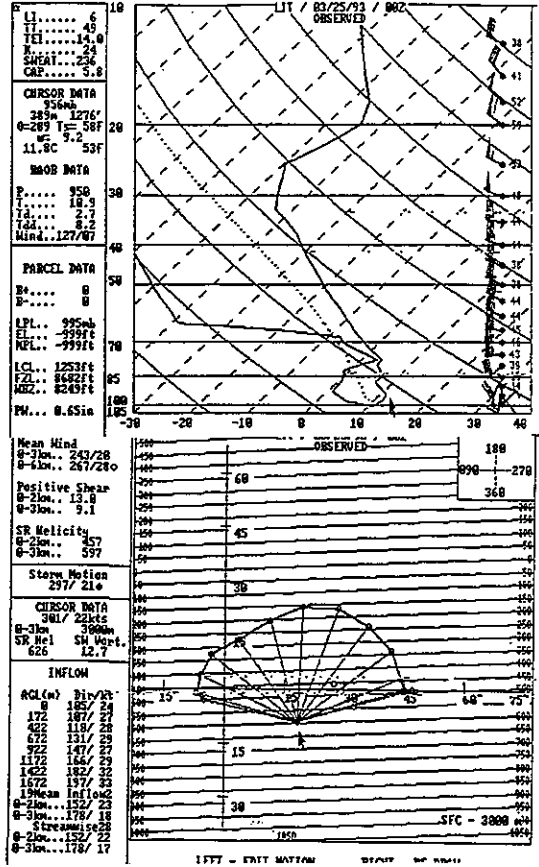
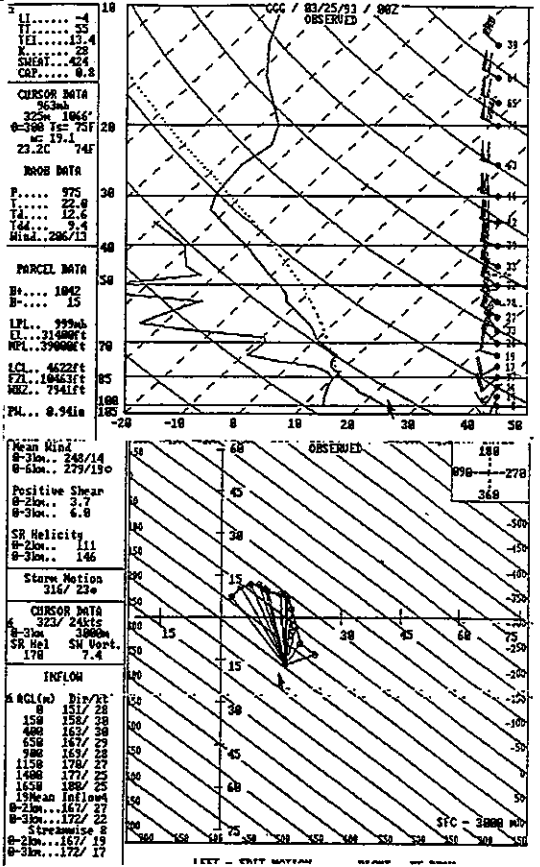
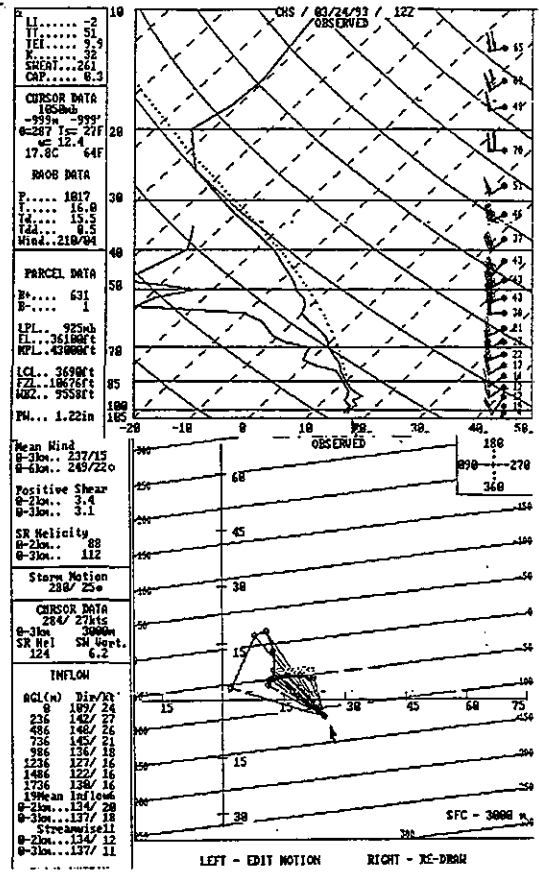
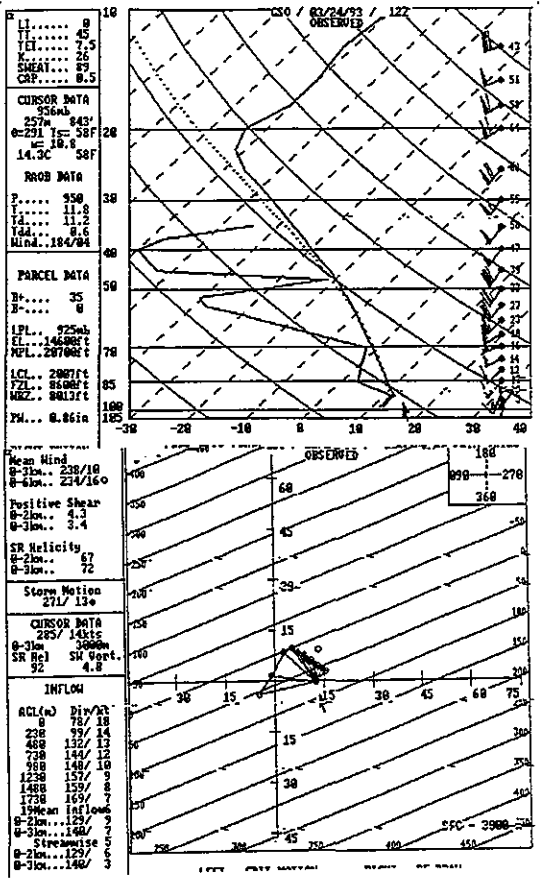
SATELLITE 23Z 24 MARCH



SURFACE MAP 00Z







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/25/93 - 0600CST 03/26/93

Total Non-Tornadic Reports: 56

Large Hail Reports... 49      Damaging Wind Reports... 7

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	19	9	18	2	0	1	49
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

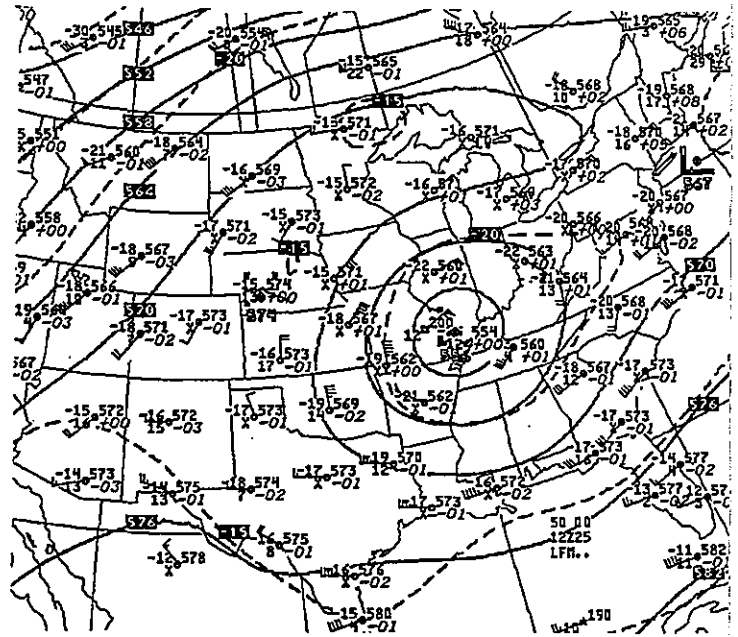
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	7	0	0	0	0	0	7
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

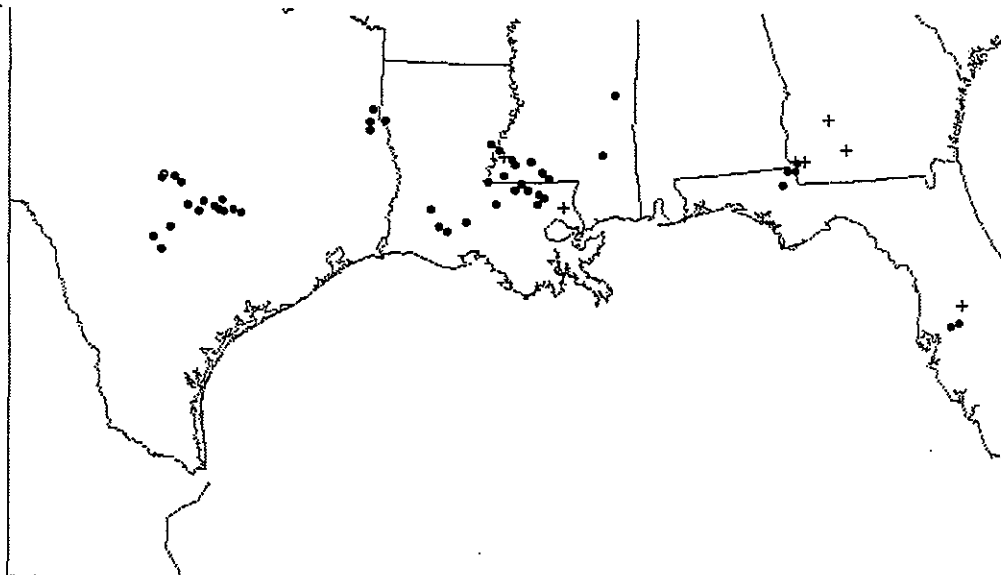
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 03/25/93 - 0600CST 03/26/93

SEVERE WEATHER REPORT:

SIGNIFICANT EVENTS MAP

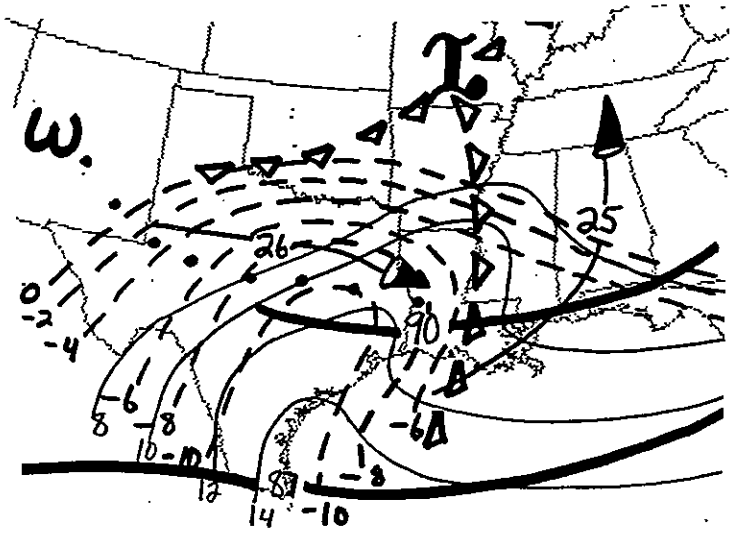
THURSDAY MARCH 25TH, 1993

**SIGNIFICANT HAIL EVENTS**

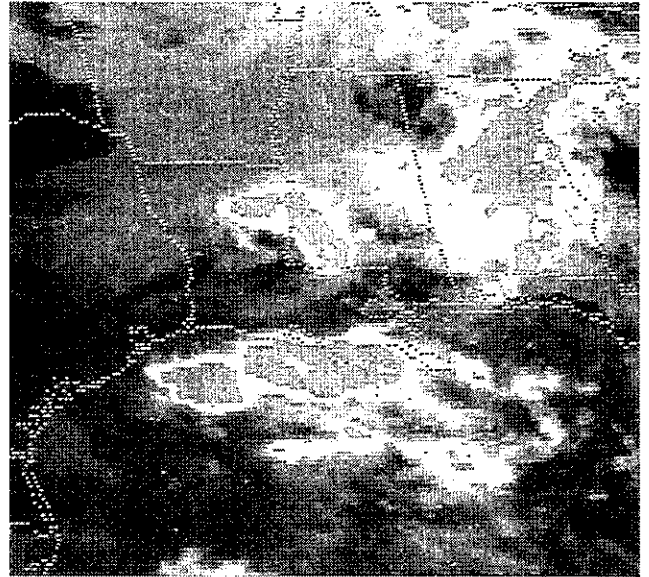
DATE	TIME	EVENT	STATE	COUNTY...Location	INJ	DMG
MAR 25	1800	2.00 INCH	TX	TRAVIS...Webberville	-	75 M
MAR 25	1830	2.00 INCH	TX	TRAVIS...Austin	-	1 M
MAR 25	1928	4.50 INCH	TX	BASTROP...Paige	-	---
<b>3 TOTAL</b>					-	<b>76 M</b>



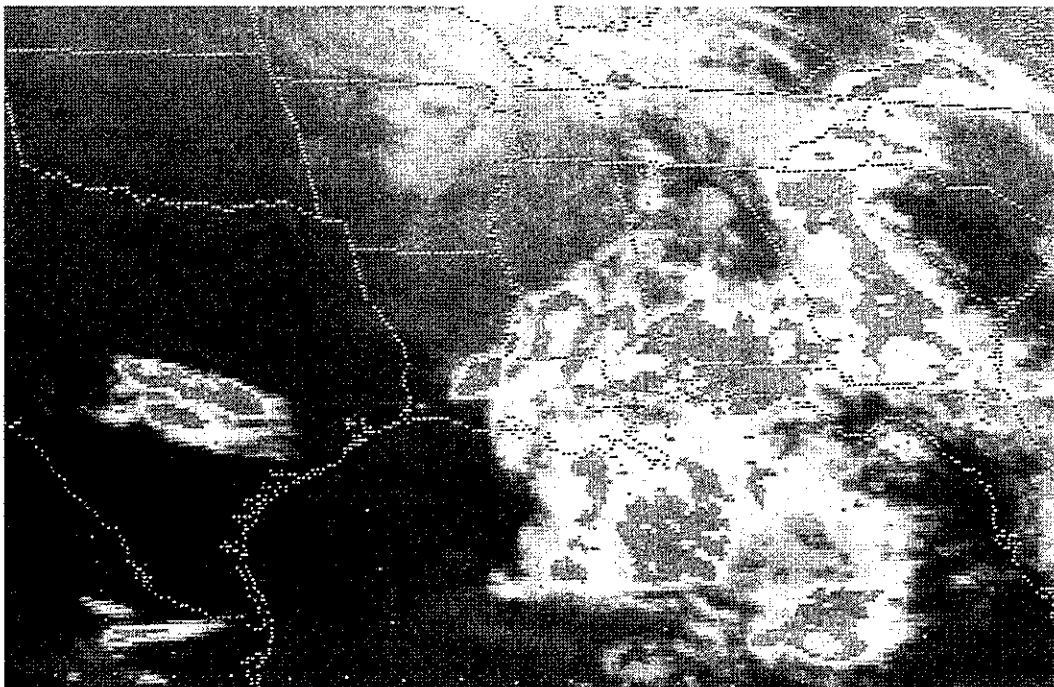
COMPOSITE MAP 12Z



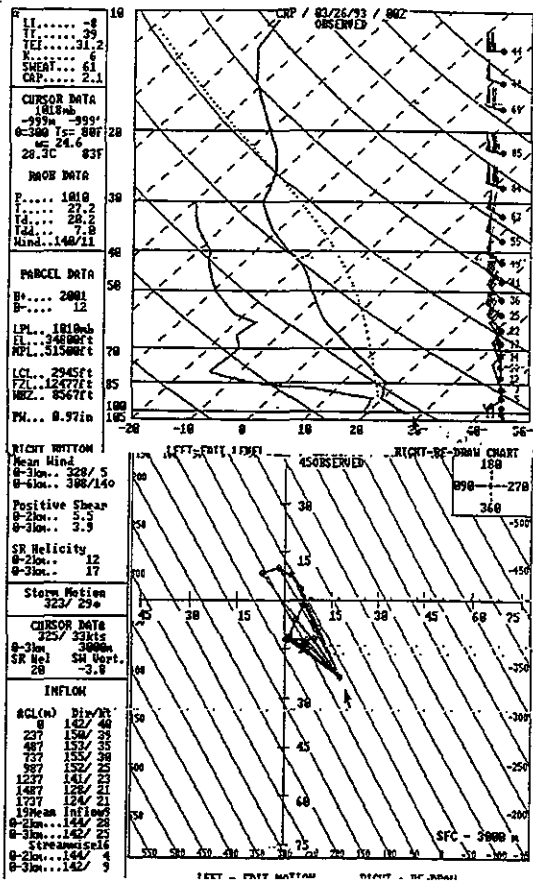
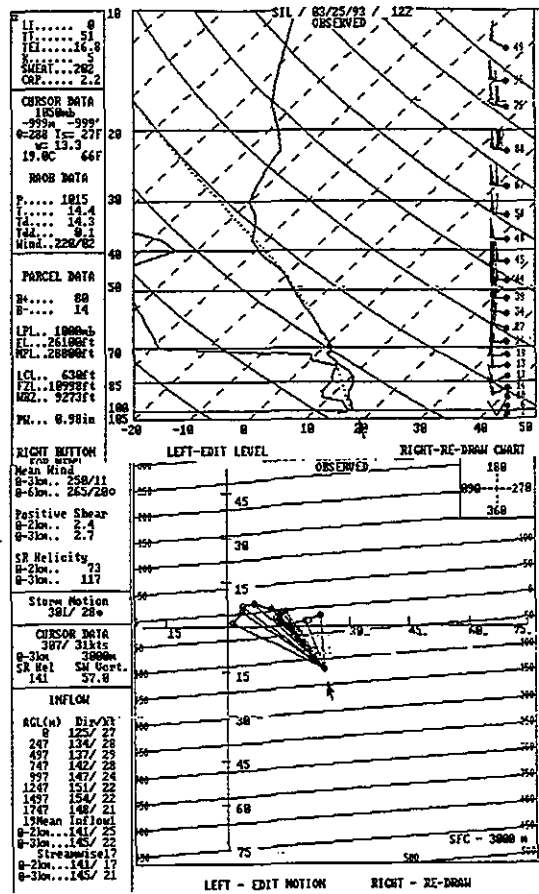
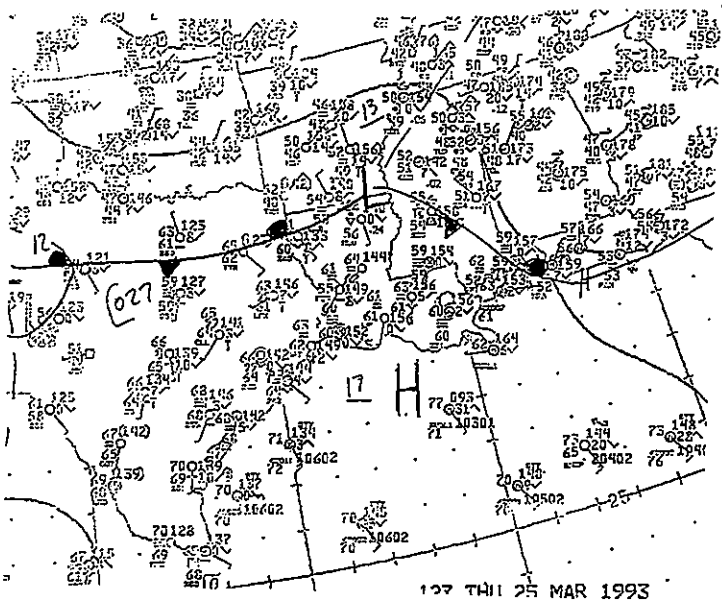
SATELLITE 18Z 25 MARCH



SATELLITE 00Z 26 MARCH



SURFACE MAP 12Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/27/93 - 0600CST 03/28/93

Total Non-Tornadic Reports: 13

Large Hail Reports... 13      Damaging Wind Reports... 0

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	5	3	1	4	0	0	13
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

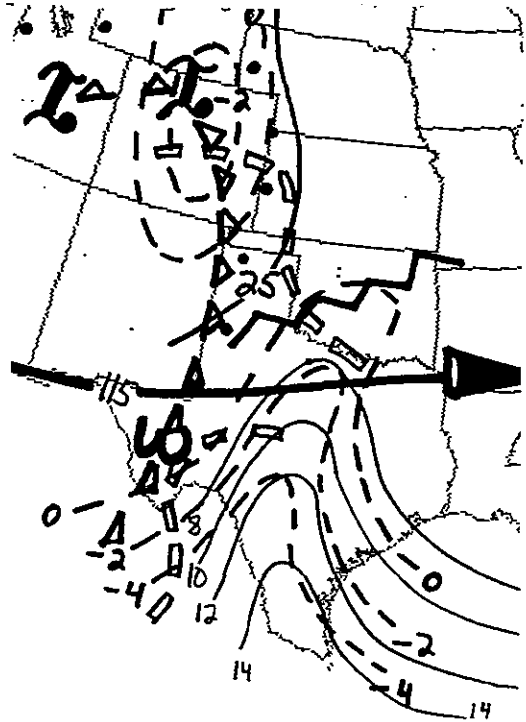
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

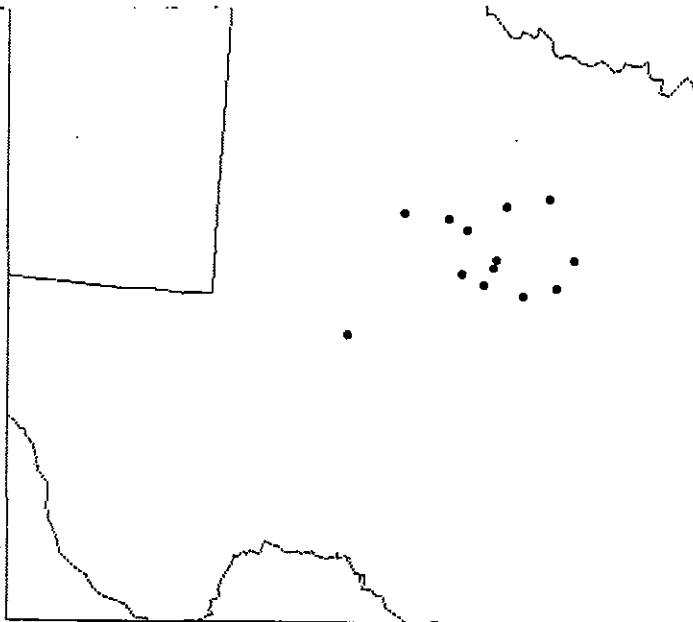
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

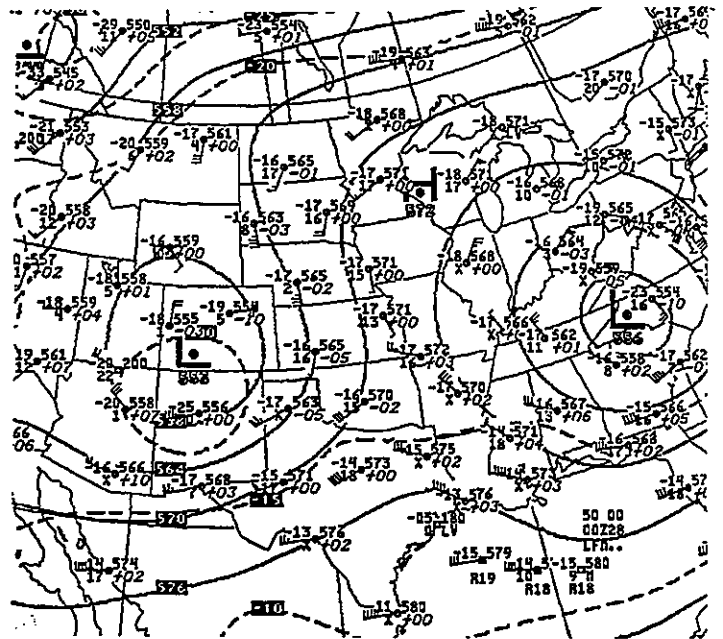


ALL SEVERE REPORTS



0600CST 03/27/93 - 0600CST 03/28/93

500 MB 00Z

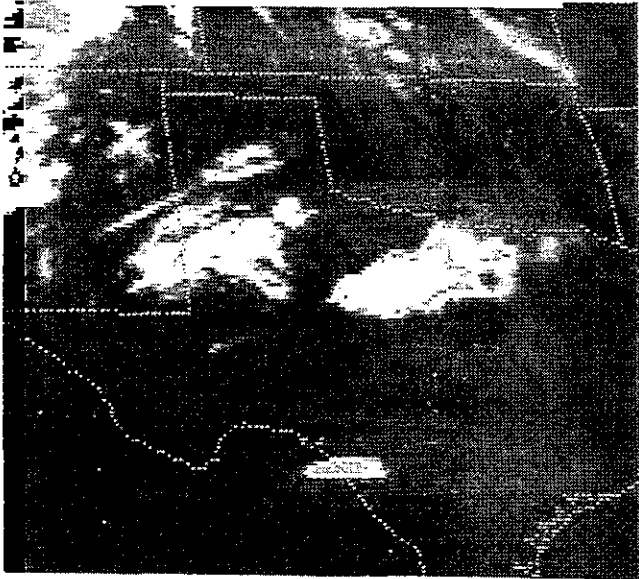


# SATURDAY MARCH 27TH, 1993

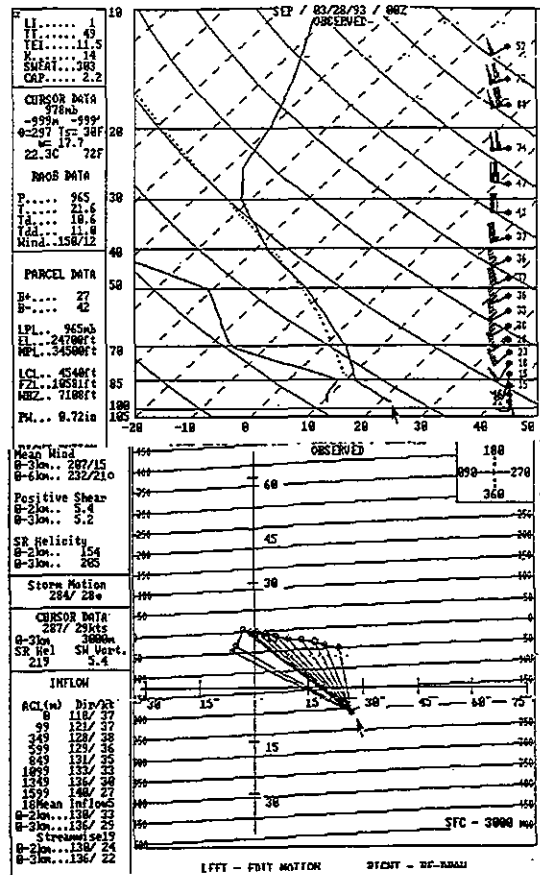
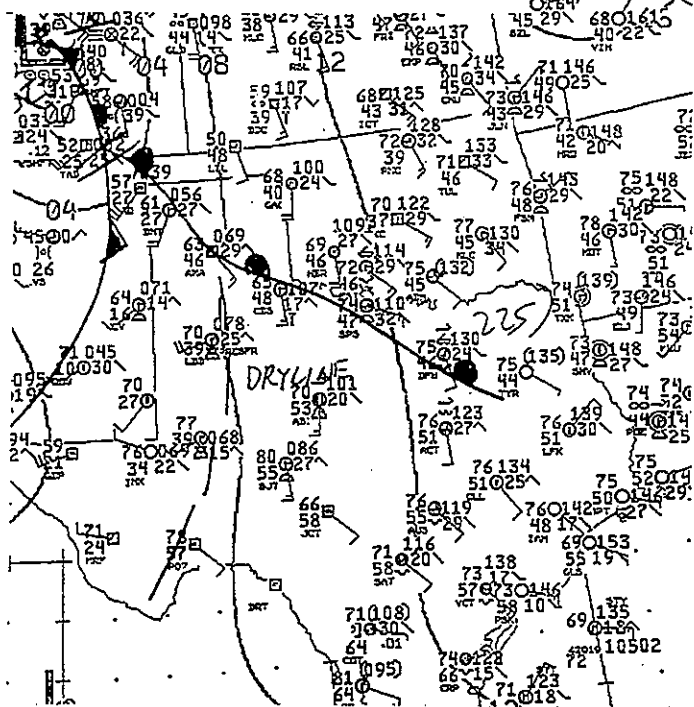
## SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...Location	INJ	DMG
MAR 27	1640	2.00 INCH	TX	FISHER...Roby	-	---
MAR 27	1706	2.00 INCH	TX	FISHER...5 SE Sylvester	-	---
MAR 27	1755	2.75 INCH	TX	NOLAN...Nolan	-	---
MAR 27	1855	2.75 INCH	TX	TAYLOR...21 SW Abilene	-	---
<b>4 TOTAL</b>					-	---

SATELLITE 0030Z 28 MARCH



SURFACE MAP 21Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/28/93 - 0600CST 03/29/93

Total Non-Tornadoic Reports: 69

Large Hail Reports... 65      Damaging Wind Reports... 4

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	38	13	13	1	0	0	65
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

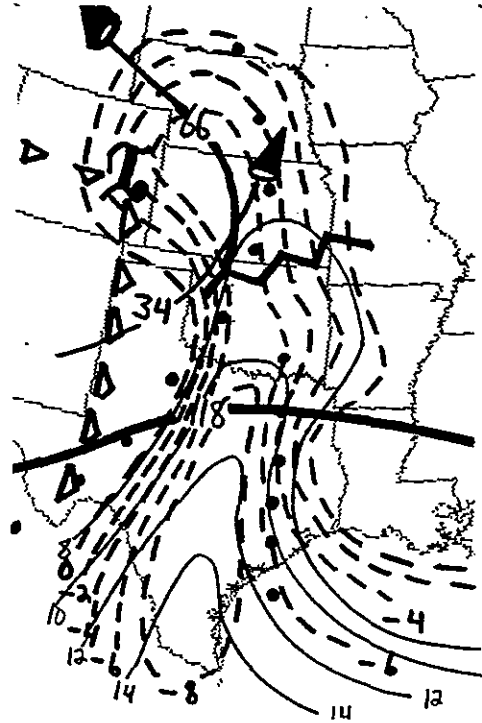
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	3	1	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

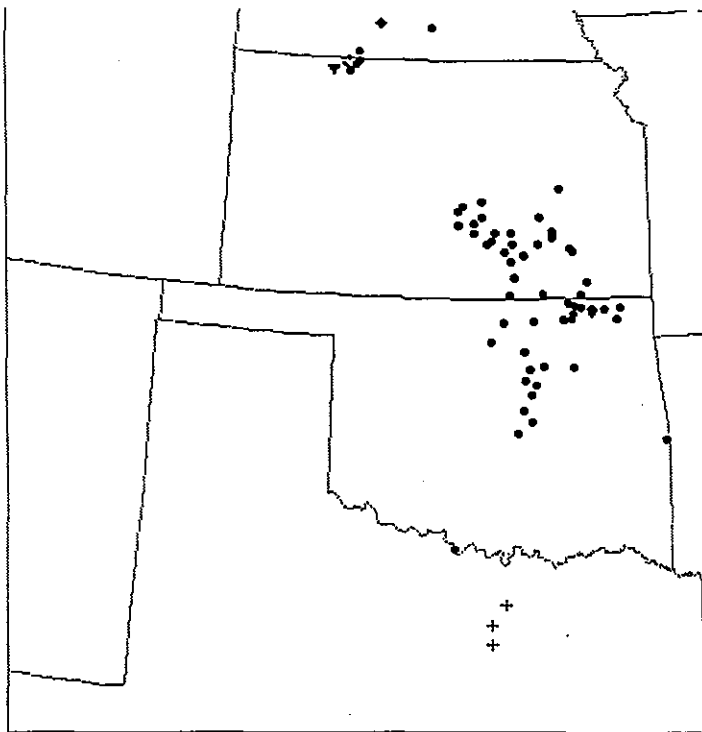
Number of Tornado Segments: 5

TORNADO SEGMENTS

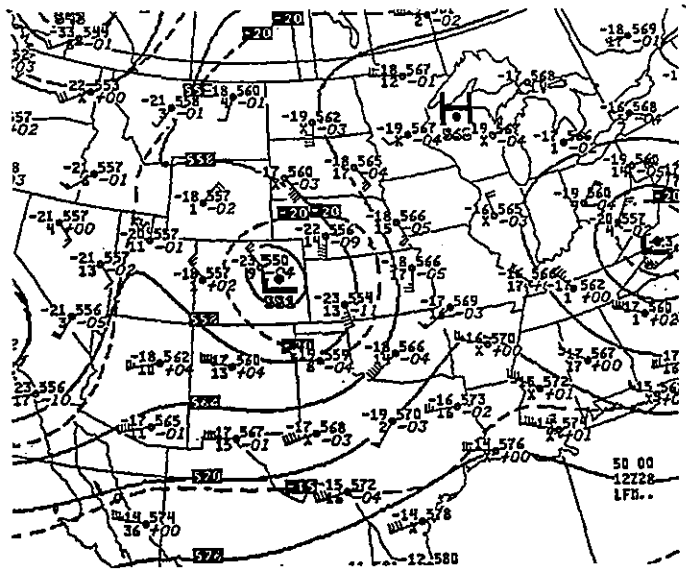
	F0	F1	F2	F3	F4	F5	TOT
Segments	2	3	0	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



500 MB 12Z



0600CST 03/28/93 - 0600CST 03/29/93

SIGNIFICANT EVENTS MAP

SUNDAY, MARCH 28TH, 1993

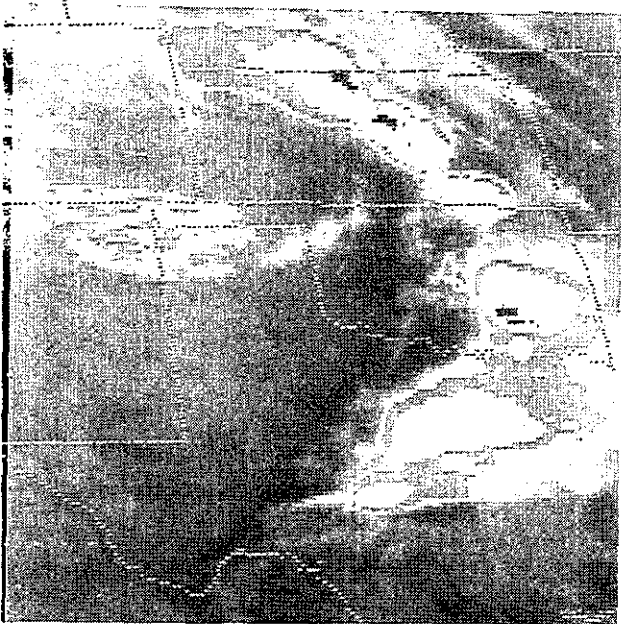
SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...Location	INJ	DMG
MAR 28	0640	1.75 INCH	KS	SEDGWICK...Kechi	-	1 M
MAR 28	0655	1.75 INCH	KS	SEDGWICK...Wichita	-	35 M
MAR 28	0703	1.75 INCH	KS	SEDGWICK...Wichita	-	1 M
MAR 28	0707	1.75 INCH	KS	SEDGWICK...Wichita	-	1 M
MAR 28	0726	2.75 INCH	KS	BUTLER...2 S Augusta	-	1 M

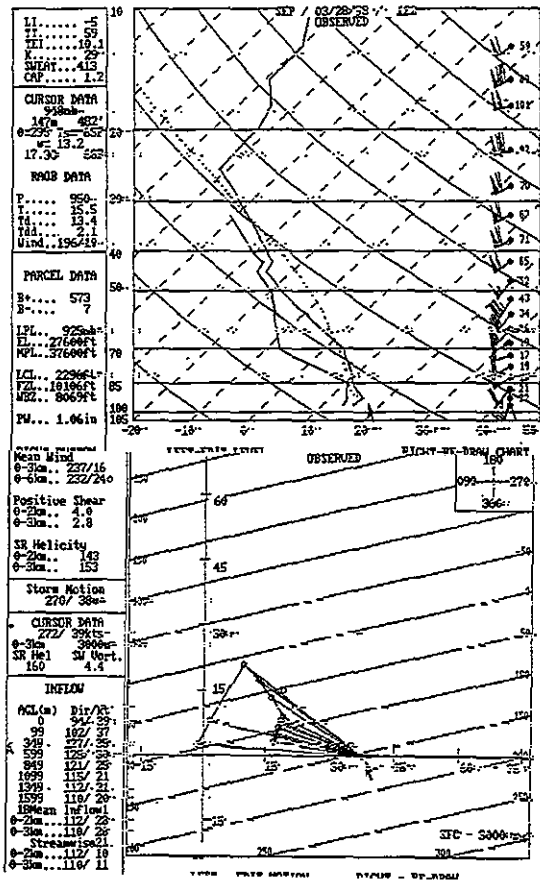
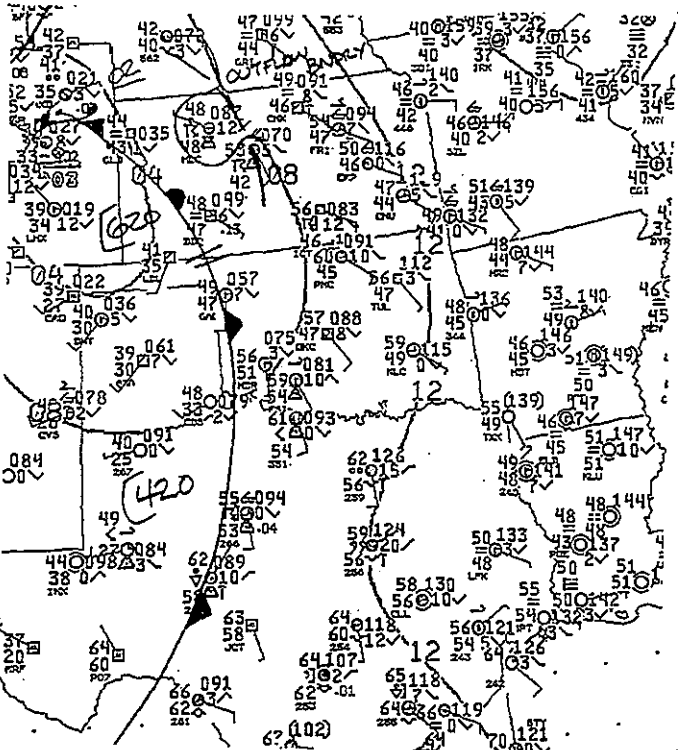
5 TOTAL - 39 X



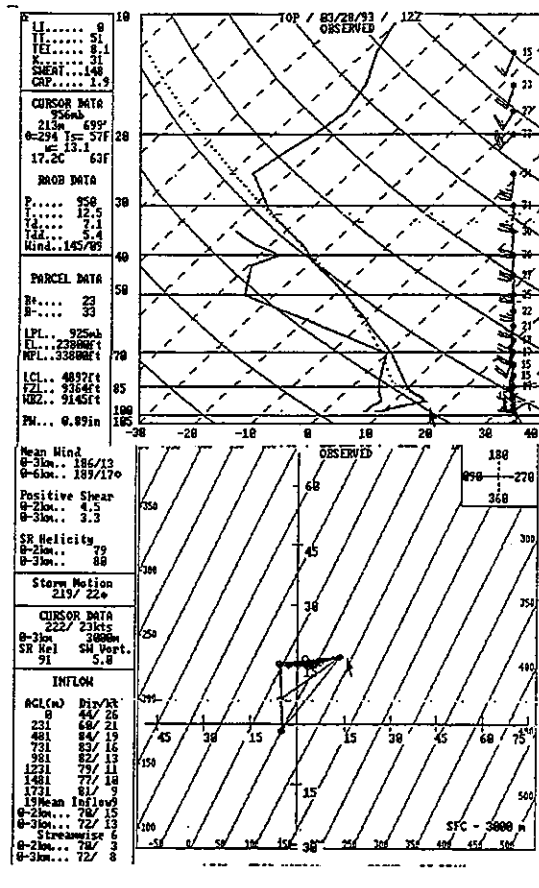
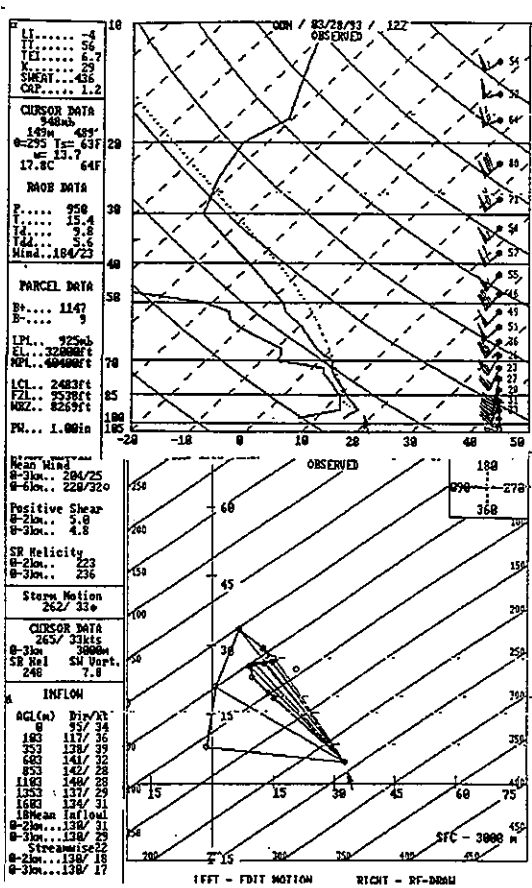
SATELLITE 14Z 28 MARCH



SURFACE MAP 12Z







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/29/93 - 0600CST 03/30/93

Total Non-Tornadoic Reports: 158

Large Hail Reports... 134 Damaging Wind Reports... 24

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	48	31	42	10	1	2	134
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

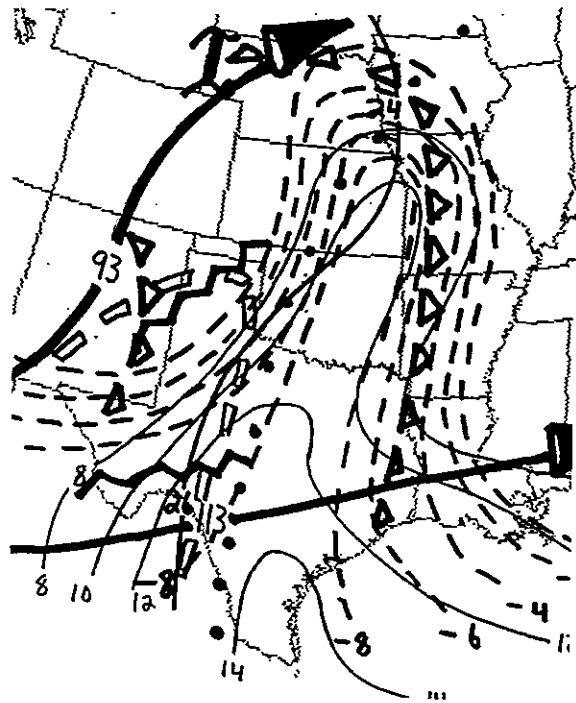
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	8	9	7	0	0	0	24
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

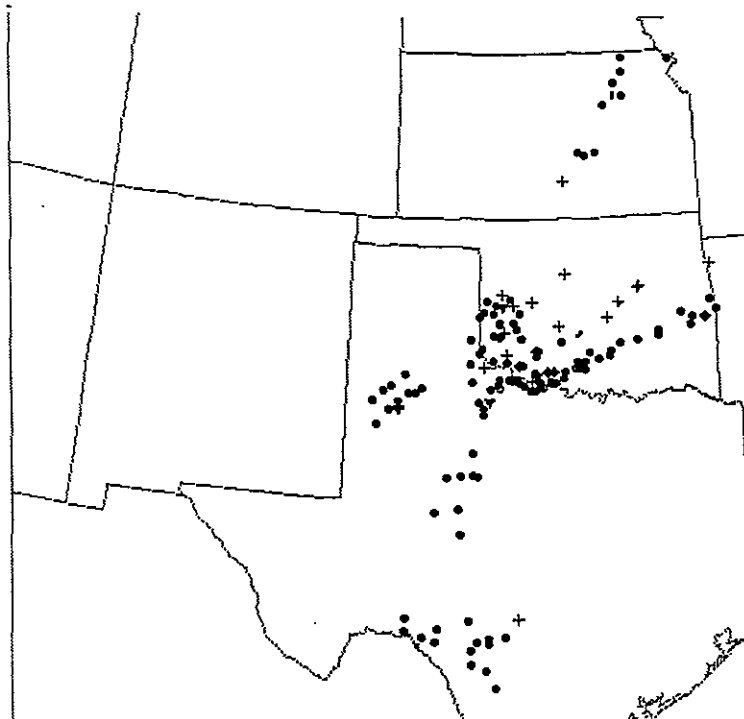
Number of Tornado Segments: 11

TORNADO SEGMENTS

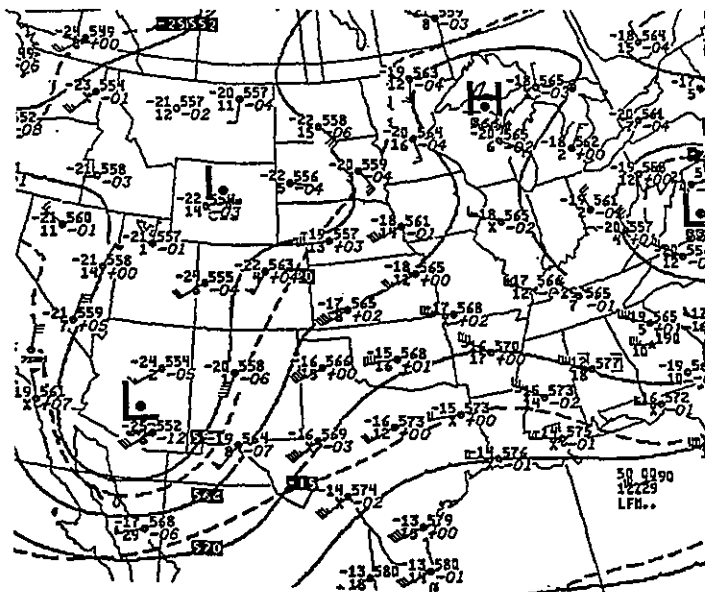
	F0	F1	F2	F3	F4	F5	TOT
Segments	5	6	0	0	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



500 MB 12Z



0600CST 03/29/93 - 0600CST 03/30/93

SIGNIFICANT EVENTS MAP

MONDAY, MARCH 29TH, 1993

**SIGNIFICANT HAIL EVENTS**

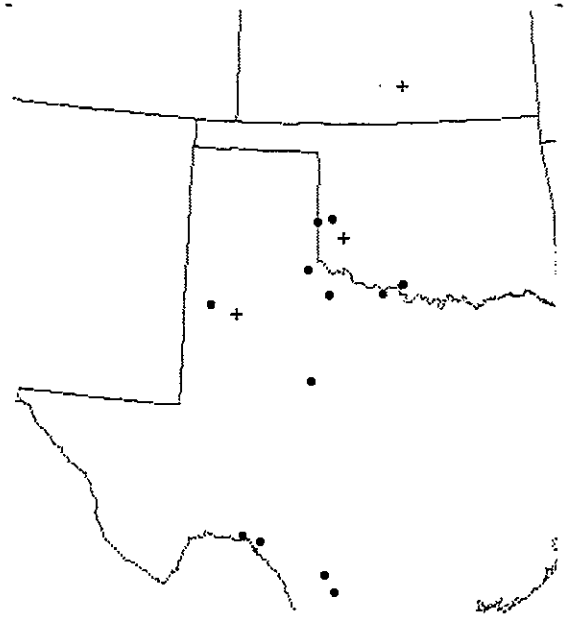
DATE	TIME	EVENT	STATE	COUNTY...Location	INJ	DMG
MAR 29	1228	2.00 INCH	TX	HOCKLEY...4 W Whitharral	-	---
MAR 29	1445	4.50 INCH	OK	BECKHAM...Texola	-	---
MAR 29	1539	2.50 INCH	TX	VAL VERDE...Langtry	-	---
MAR 29	1545	4.50 INCH	OK	BECKHAM...Sayre	-	---
MAR 29	1604	2.00 INCH	TX	CHILDRESS...Childress	-	---
MAR 29	1713	2.50 INCH	TX	VAL VERDE...5 NW Comstock	-	---
MAR 29	1715	2.00 INCH	TX	TAYLOR...Trent	-	---
MAR 29	2020	2.00 INCH	TX	UVALDE...Uvalde	-	---
MAR 29	2027	2.00 INCH	TX	UVALDE...Uvalde	-	---
MAR 29	2125	1.75 INCH	TX	ZAVALA...2 S Batesville	-	1 M
MAR 29	2145	2.75 INCH	OK	JEFFERSON...Waurika	-	1 M
MAR 29	2305	2.75 INCH	OK	JEFFERSON...Waurika	-	1 M

12 TOTAL - 3 M

**SIGNIFICANT WIND EVENTS**

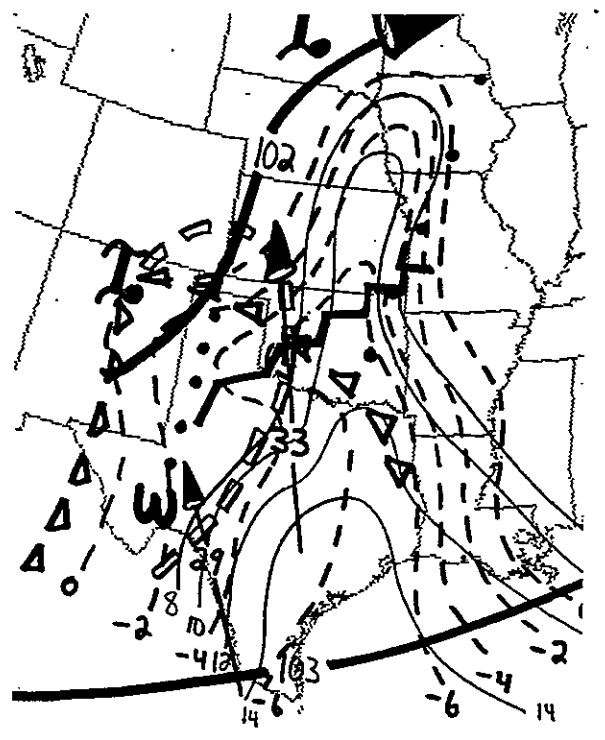
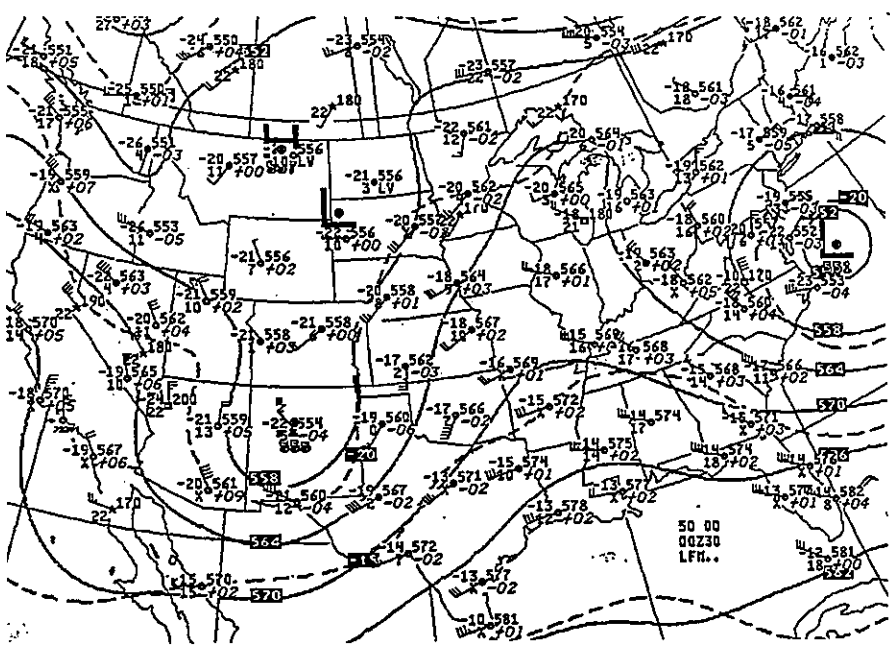
DATE	TIME	EVENT	STATE	COUNTY...Location	KIL	INJ	DMG
MAR 29	1329	77 MPH GUST	TX	LUBBOCK...Lubbock	-	-	---
MAR 29	1640	75 MPH GUST	OK	GREER...Granite	-	-	---
MAR 29	1830	75 MPH GUST	KS	MIDWAY	-	-	---

3 TOTAL - - - -

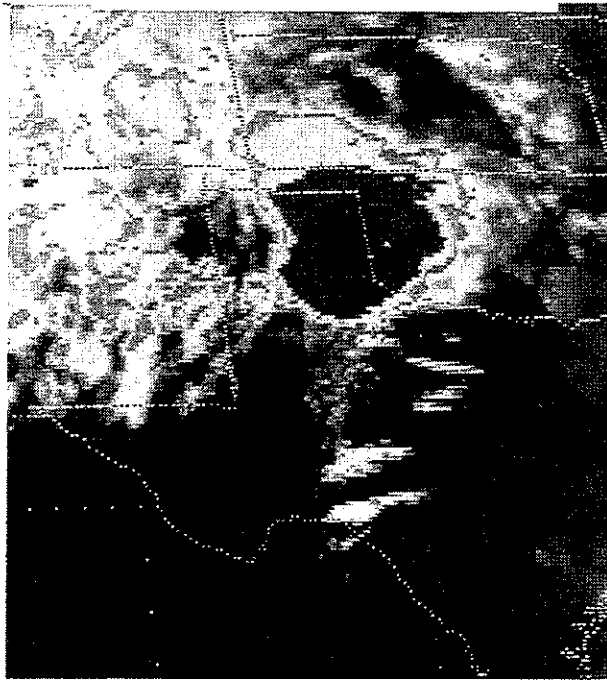


500 MB 00Z

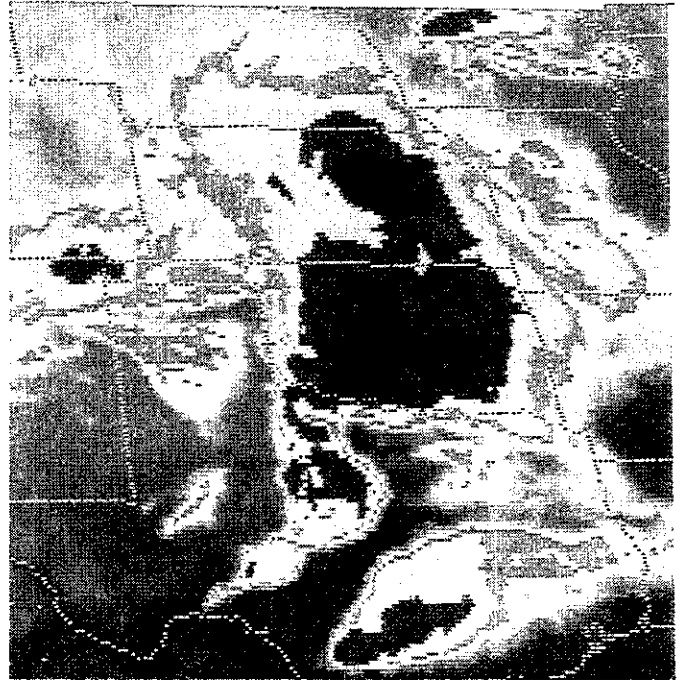
COMPOSITE MAP 00Z



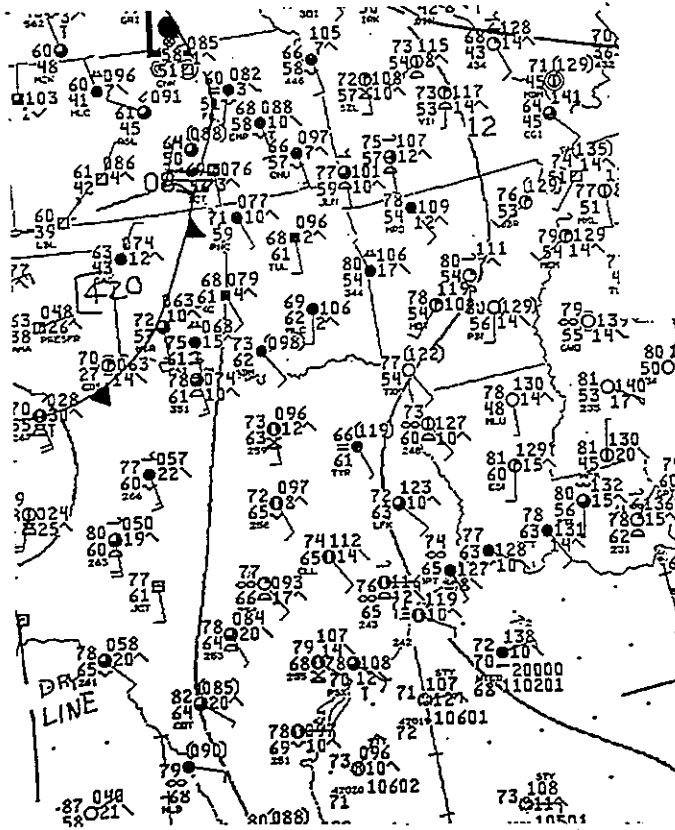
SATELLITE 21Z 29 MARCH



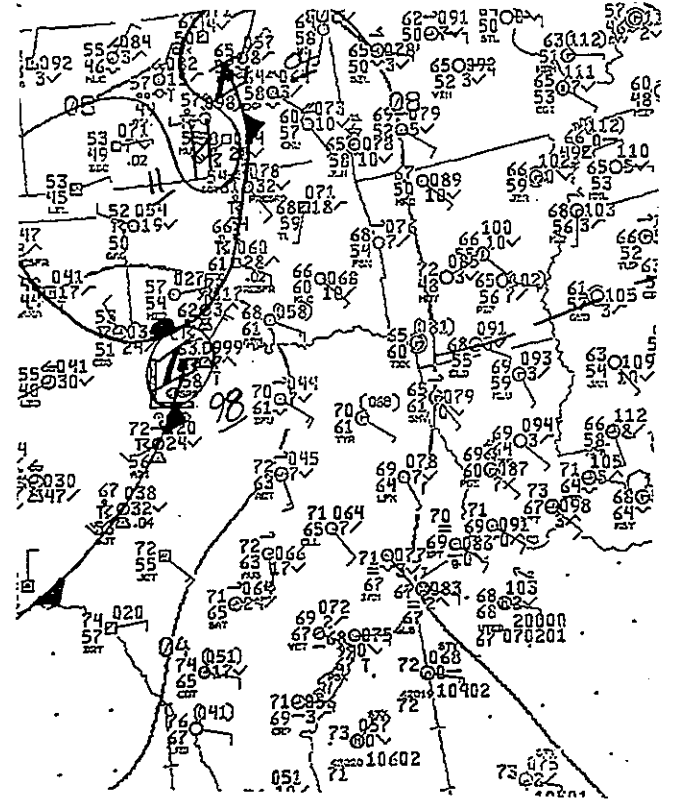
SATELLITE 03Z 30 MARCH



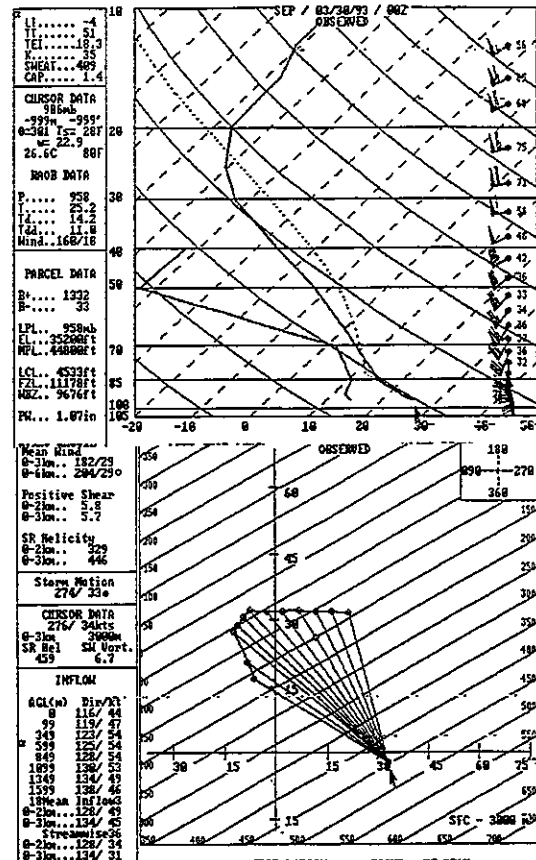
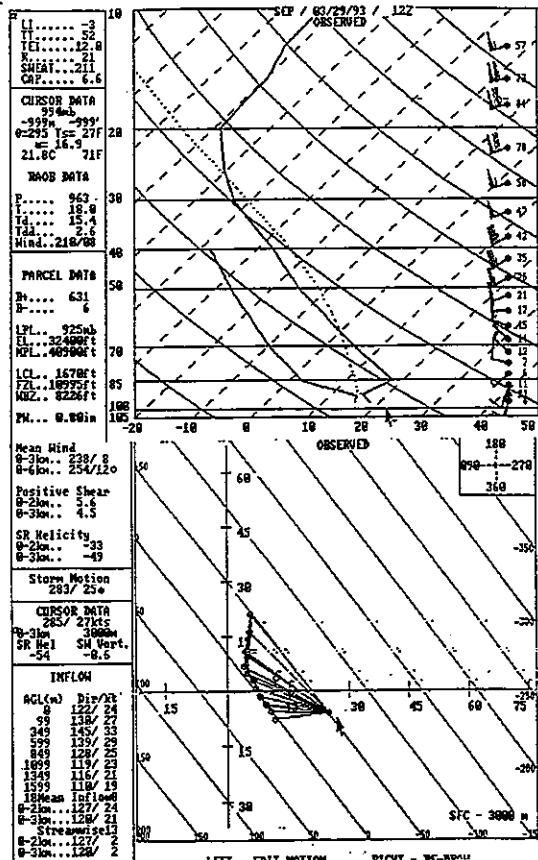
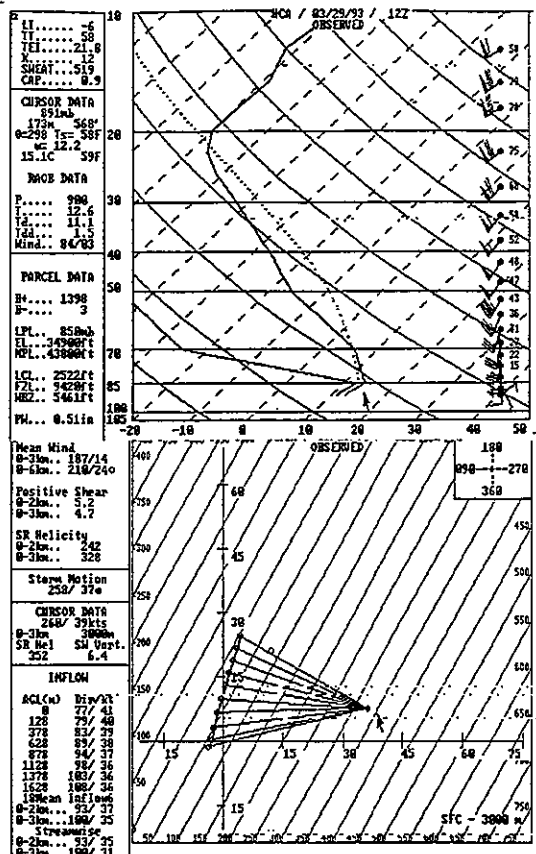
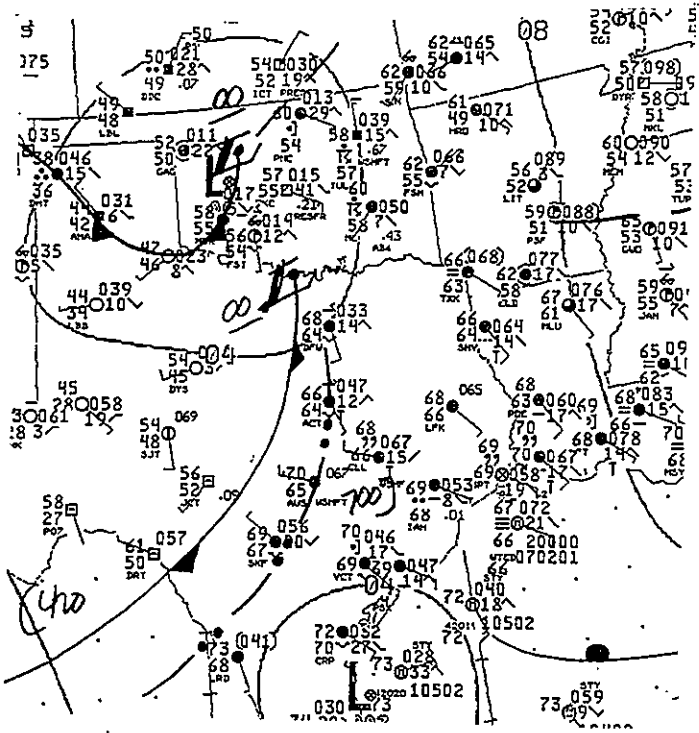
SURFACE MAP 18Z

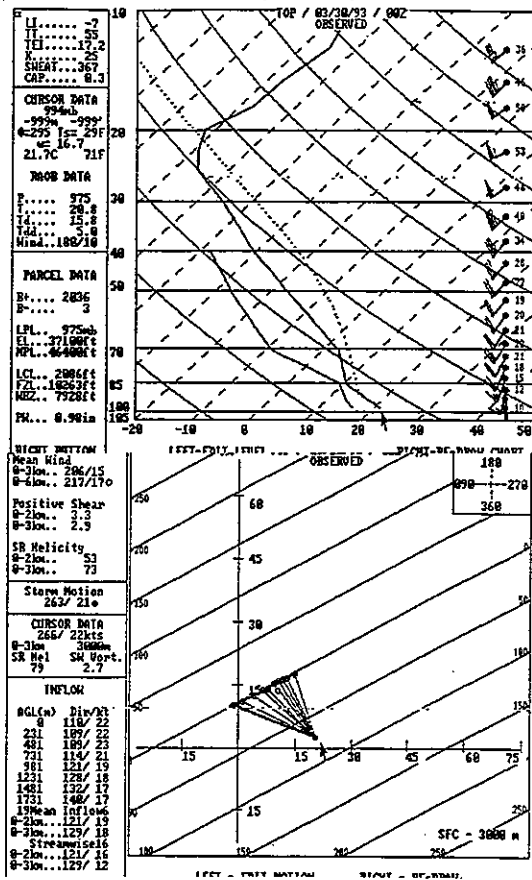
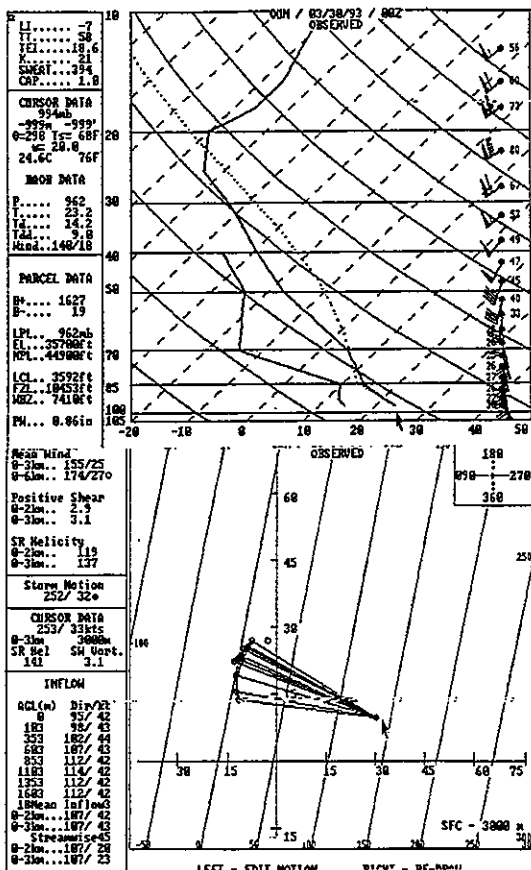


SURFACE MAP 00Z



**SURFACE MAP 06Z**





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/30/93 - 0600CST 03/31/93

Total Non-Tornadic Reports: 187

Large Hail Reports... 151      Damaging Wind Reports... 36

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	57	27	53	13	0	1	151
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	5	0	0	0	5

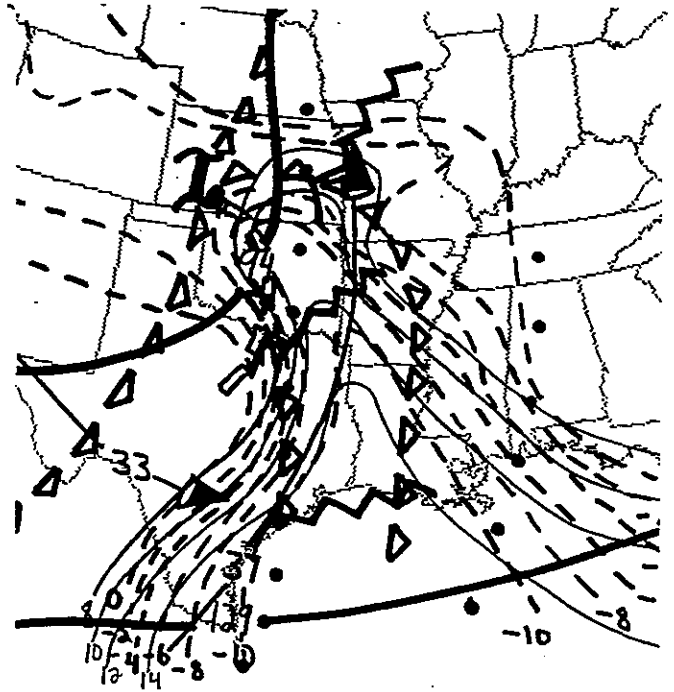
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	29	5	2	0	0	0	36
Fatalities	0	0	0	0	0	0	0
Injuries	8	0	0	0	0	0	8

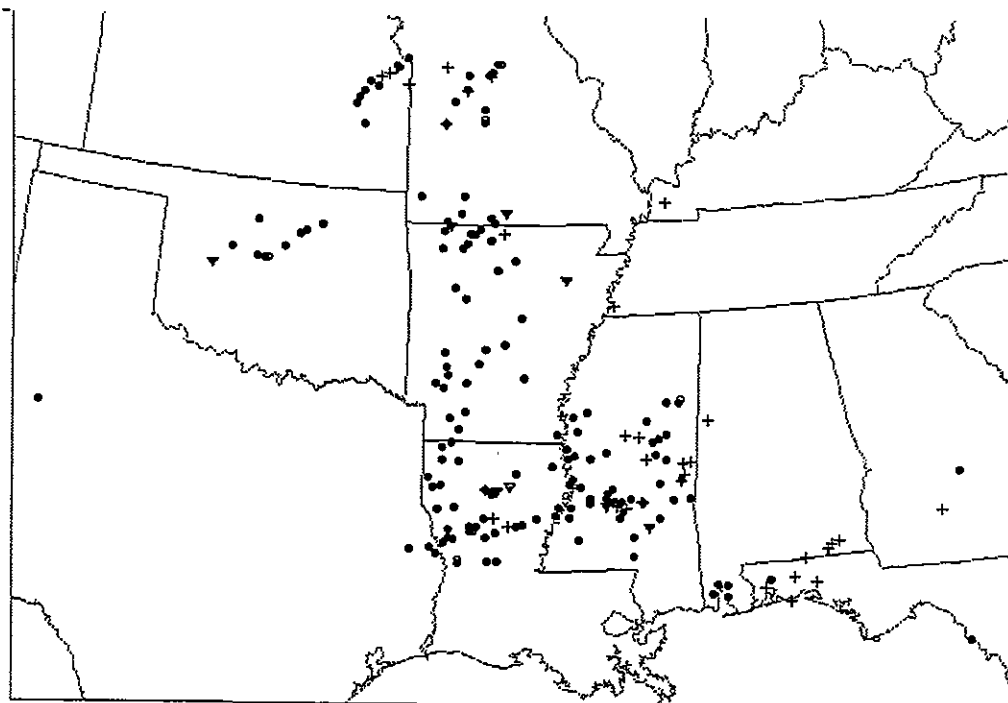
Number of Tornado Segments: 12

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	7	5	0	0	0	0	12
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 03/30/93 - 0600CST 03/31/93

SEVERE WEATHER REPORTS

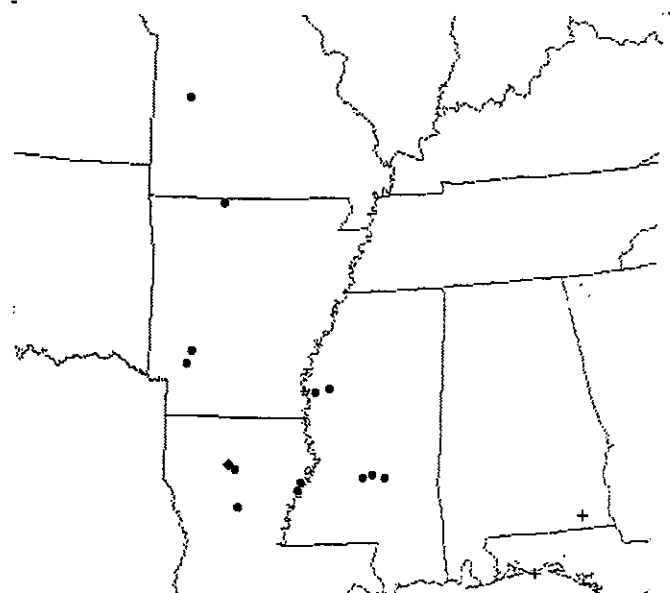
TUESDAY, MARCH 30TH, 1993

**SIGNIFICANT RAIN EVENTS**

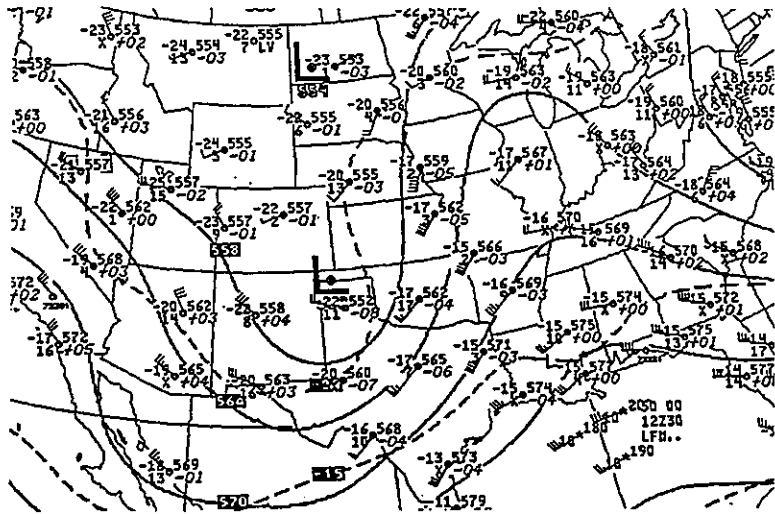
DATE	TIME	EVENT	STATE	COUNTY...Location	INJ	DMG
MAR 30	1554	2.75 INCH	MO	SAINT CLAIR...Lowry	-	---
MAR 30	1558	2.75 INCH	AR	PIKE...Wolf Creek	-	---
MAR 30	1615	2.75 INCH	AR	HEMPSTEAD...4 E Ozan	-	---
MAR 30	1715	2.75 INCH	MO	SIMPSON...Braxton	-	---
MAR 30	1730	2.00 INCH	AR	BOONE...Lead Hill	-	---
MAR 30	1740	2.75 INCH	LA	GRANT...Dry Prong	-	---
MAR 30	1745	4.50 INCH	MS	RANKIN...Puckett	-	---
MAR 30	1800	2.75 INCH	LA	JACKSON...Jonesboro	-	---
MAR 30	1810	1.75 INCH	LA	JACKSON...Jonesboro	-	---
MAR 30	1839	2.75 INCH	LA	JACKSON...S Weston	-	---
MAR 30	1845	2.75 INCH	MS	WASHINGTON...Leland	-	---
MAR 30	1855	2.75 INCH	MS	SUNFLOWER...Indianola	-	---
MAR 30	1909	2.75 INCH	LA	TENSAS...Saint Joseph	-	---
MAR 30	1915	2.75 INCH	LA	EAST CARROLL...Lake Bruin	-	---
MAR 30	1945	2.75 INCH	MS	SMITH...Raleigh	-	---
<b>15 TOTAL</b>					<b>5</b>	<b>---</b>

**SIGNIFICANT WIND EVENTS**

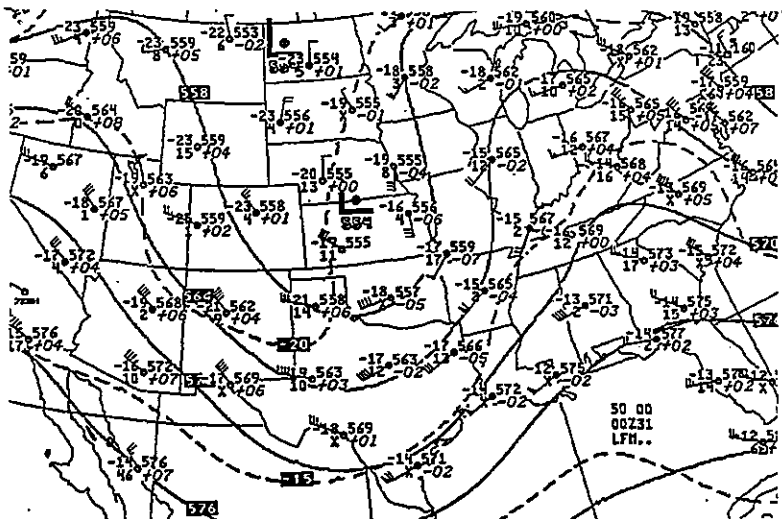
DATE	TIME	EVENT	STATE	COUNTY...Location	KIL	INJ	DMG
MAR 30	1810	WIND DAMAGE	LA	JACKSON...Jonesboro	-	1	---
MAR 30	1909	77 MPH GUST	LA	TENSAS...ST Joseph	-	-	---
<b>2 TOTAL</b>					<b>-</b>	<b>1</b>	<b>---</b>



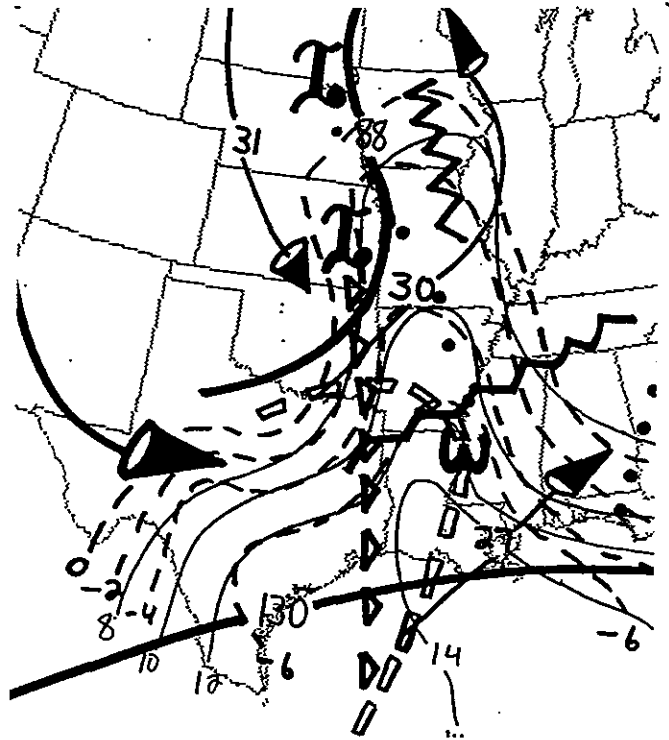
500 MB 12Z



500 MB 00Z

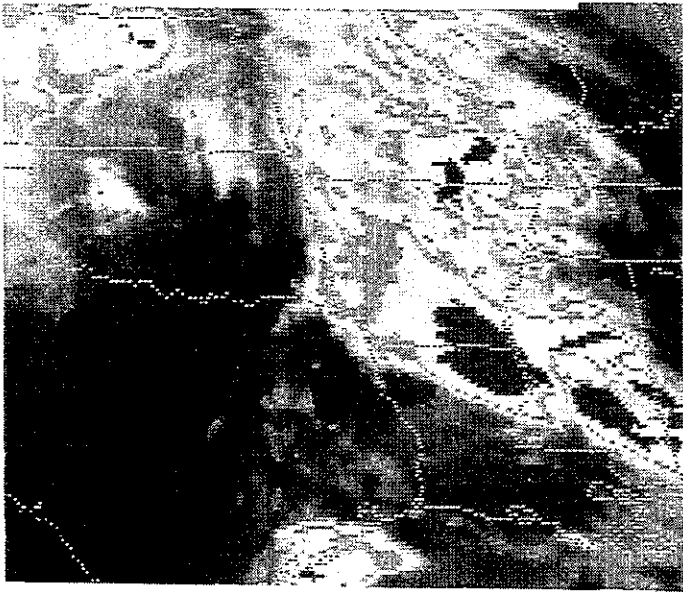


COMPOSITE MAP 00Z

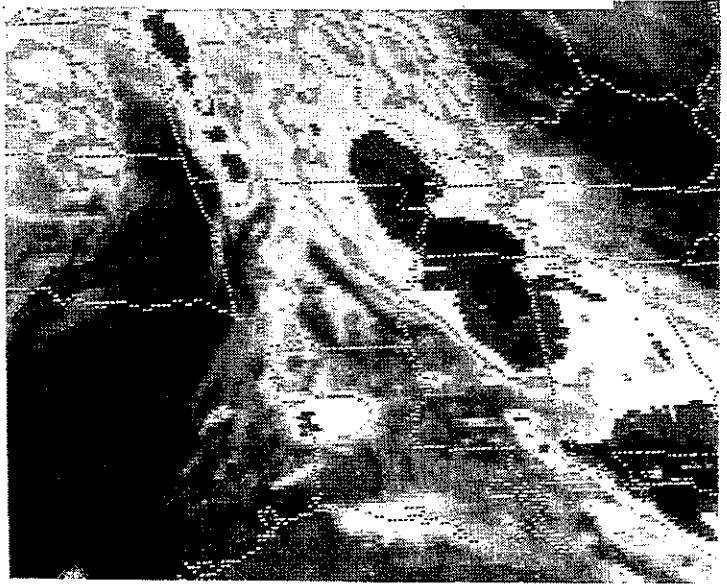




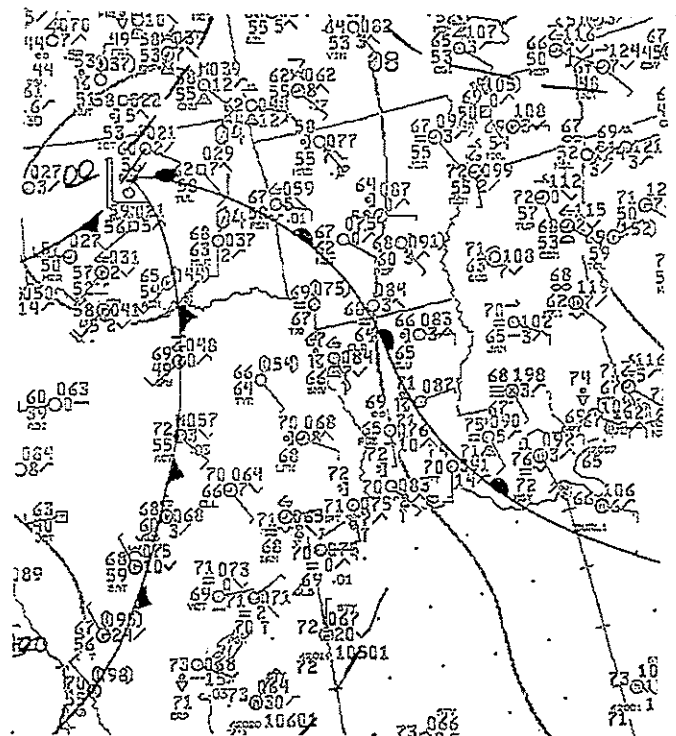
SATELLITE 17Z 30 MARCH



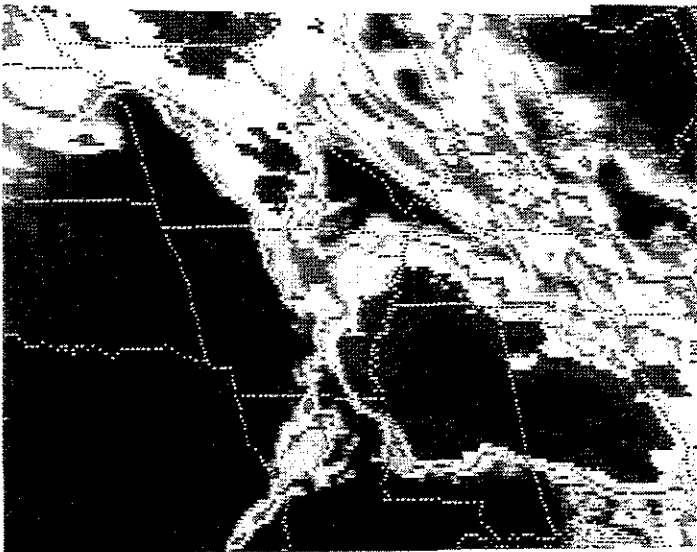
SATELLITE 21Z 30 MARCH



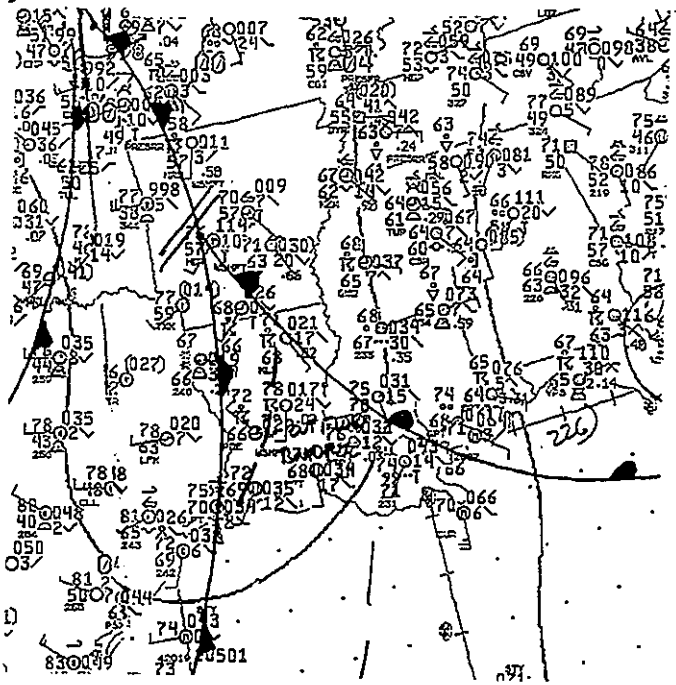
SURFACE MAP 15Z



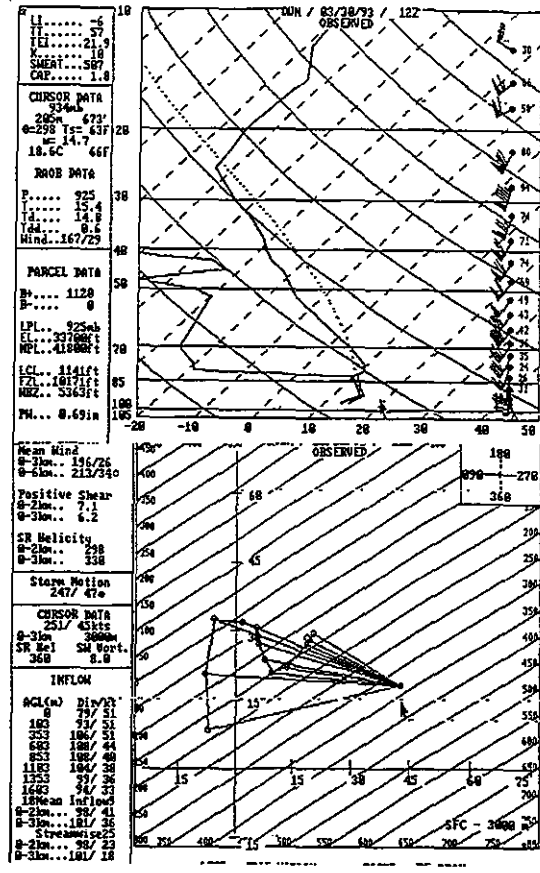
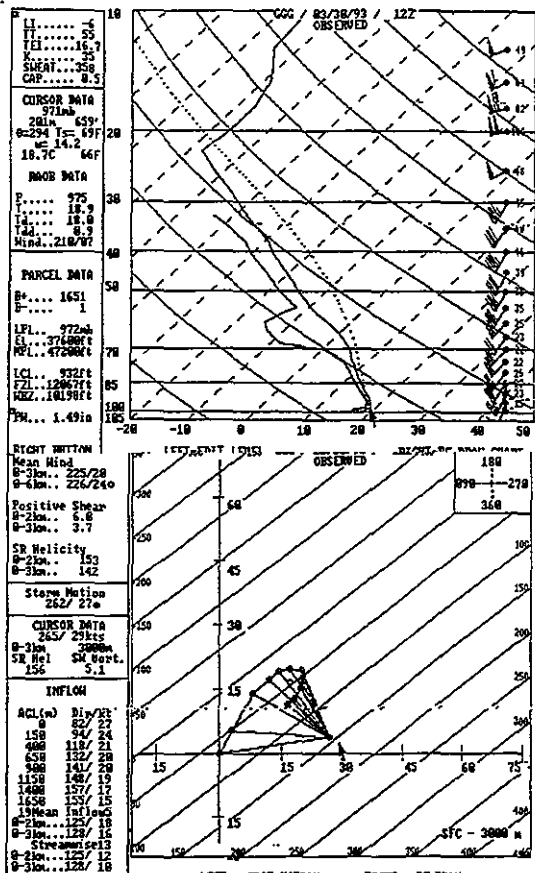
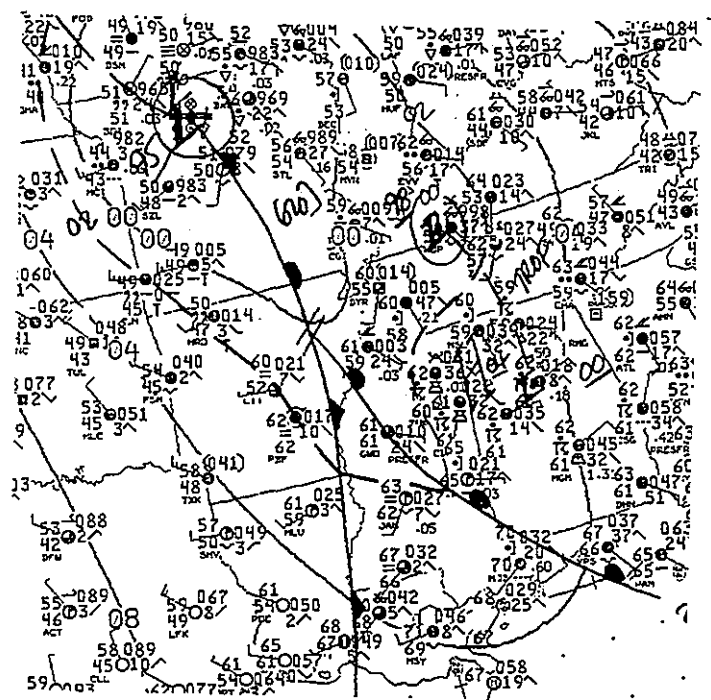
SATELLITE 0230Z 31 MARCH

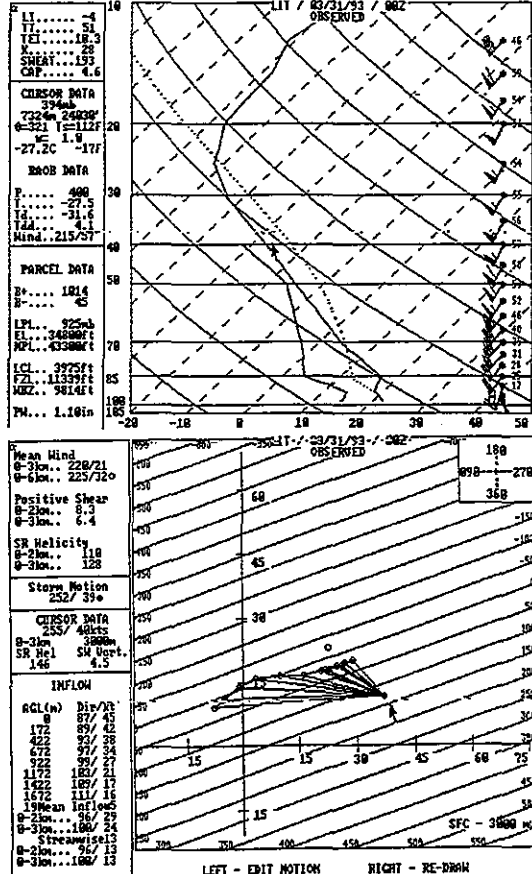
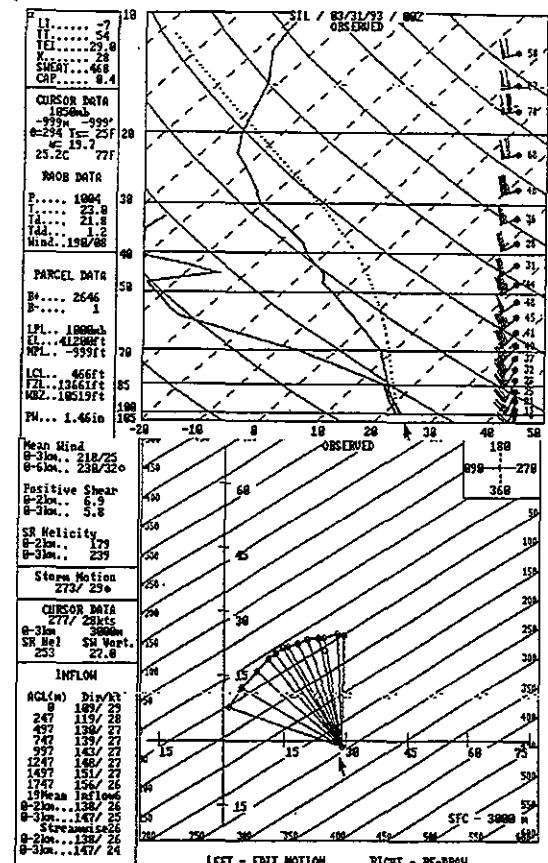
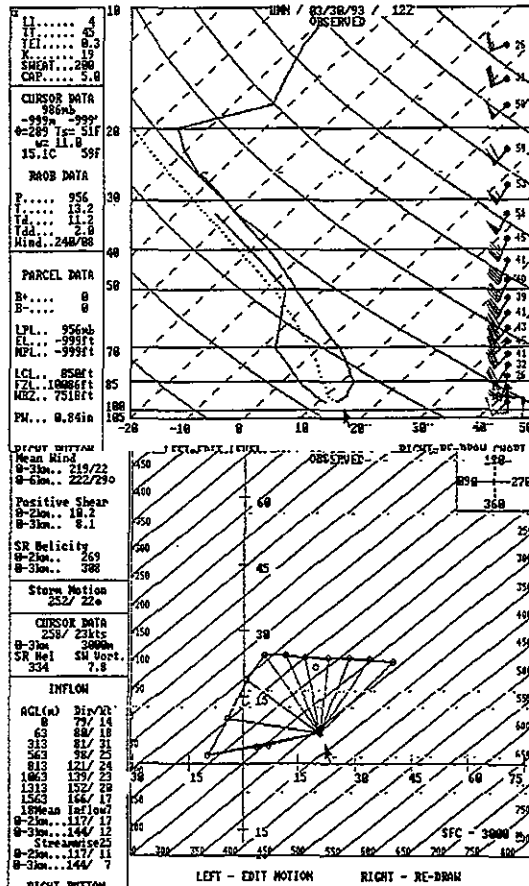
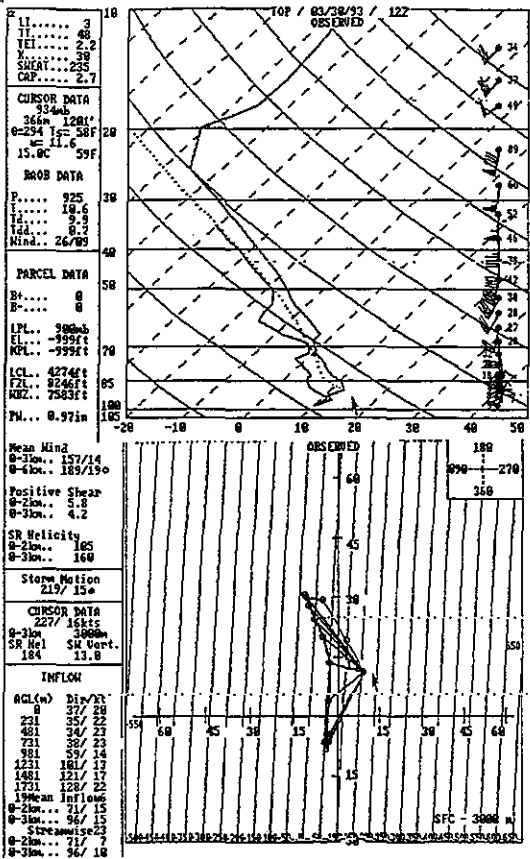


SURFACE MAP 00Z



SURFACE MAP 09Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 03/31/93 - 0600CST 04/01/93

Total Non-Tornadoic Reports: 137

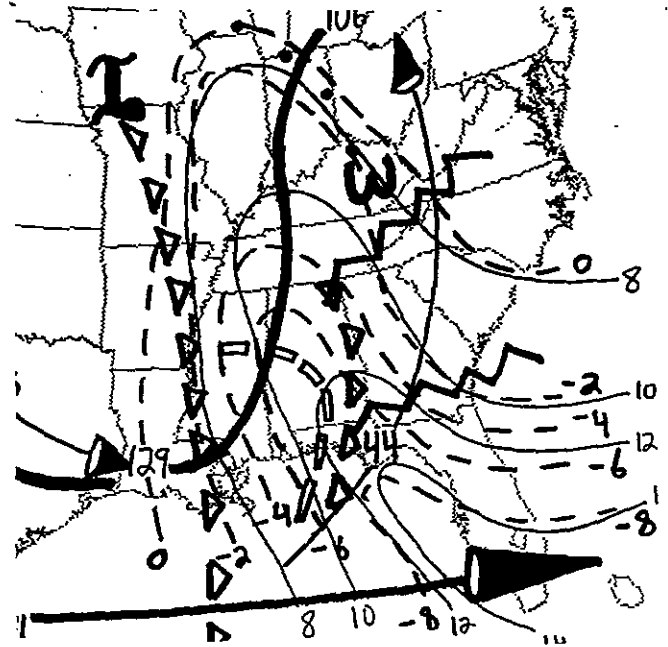
Large Hail Reports... 88      Damaging Wind Reports... 49

LARGE HAIL							
	075	100	150	200	300	400	TOT
Hail	35	25	23	5	0	0	88
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND							
	WNDG	50	60	70	80	90	TOT
Wind	48	1	0	0	0	0	49
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

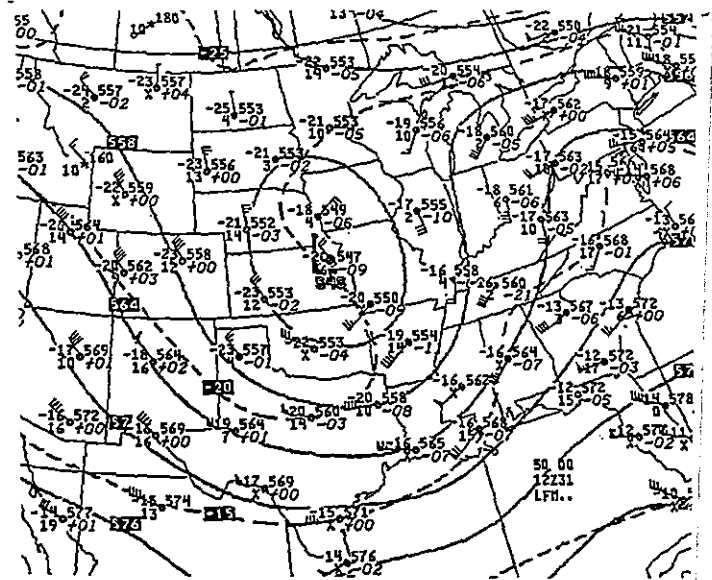
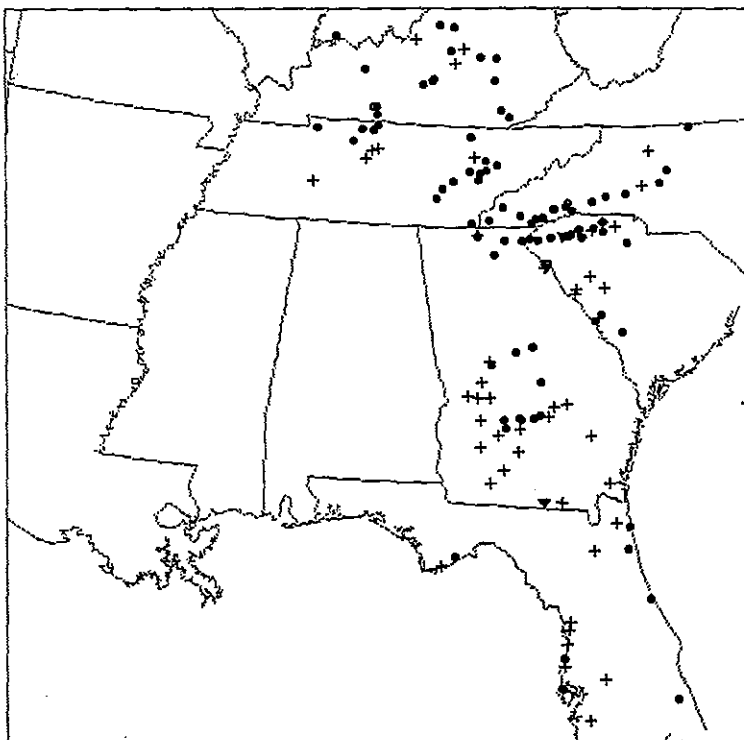
Number of Tornado Segments: 4

TORNADO SEGMENTS							
	F0	F1	F2	F3	F4	F5	TOT
Segments	2	2	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS

500 MB 12Z



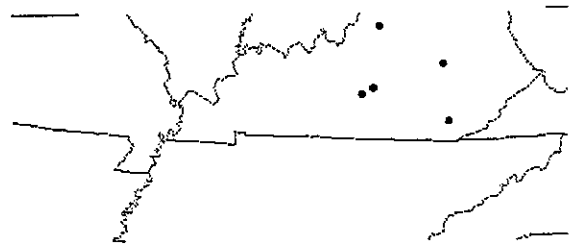
0600CST 03/31/93 - 0600CST 04/01/93

# WEDNESDAY MARCH 31ST, 1993

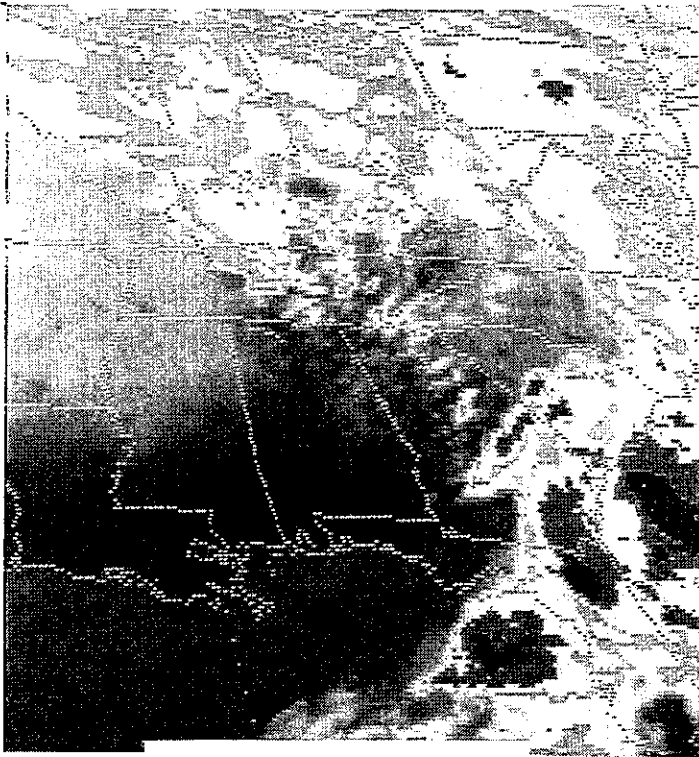
## SIGNIFICANT WEATHER EVENTS

DATE	TIME	EVENT	STATE	COUNTY	LOCATION	INJ	DMG
MAR 31	1520	2.50 INCH	KY	TAYLOR CO.		-	---
MAR 31	1522	2.50 INCH	KY	GREEN CO.		-	---
MAR 31	1718	2.50 INCH	KY	ESTILL CO.		-	---
MAR 31	1743	2.50 INCH	KY	SHELBY CO.		-	---
MAR 31	1844	2.50 INCH	KY	KNOX CO.		-	---
<b>5 TOTAL</b>						-	---

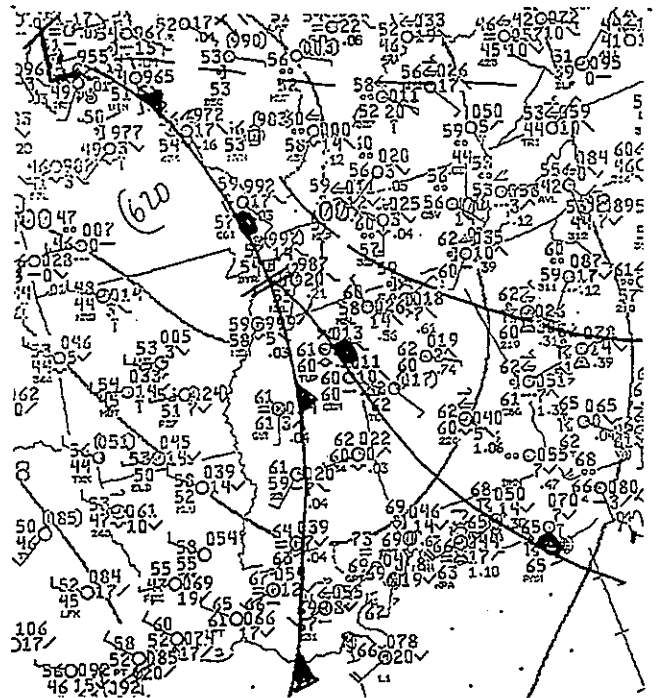
## SIGNIFICANT EVENTS MAP



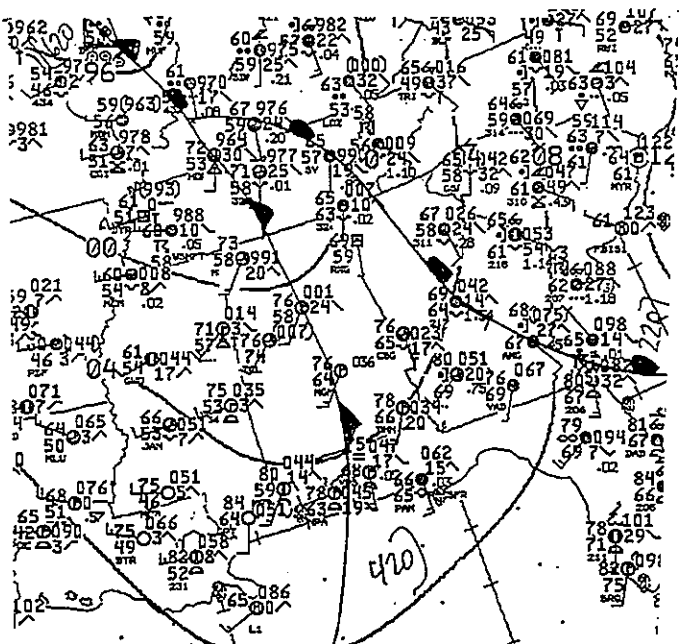
SATELLITE 21Z 31 MARCH



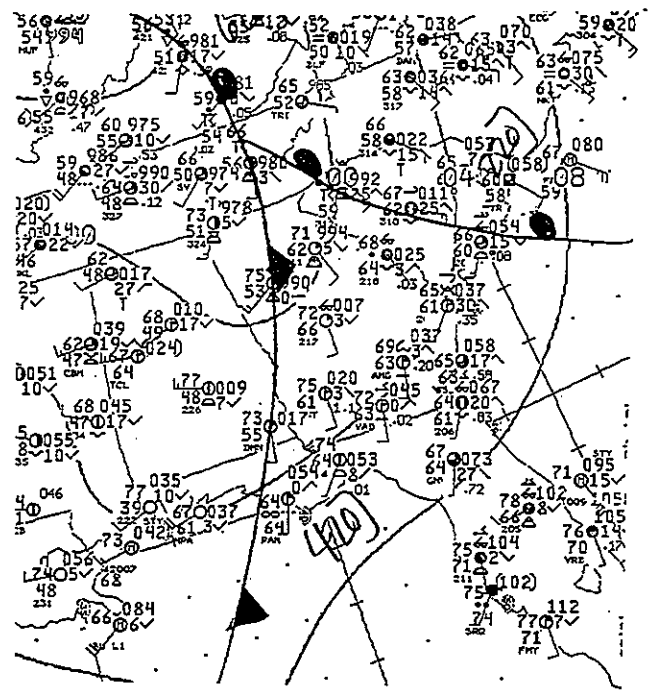
SURFACE MAP 12Z

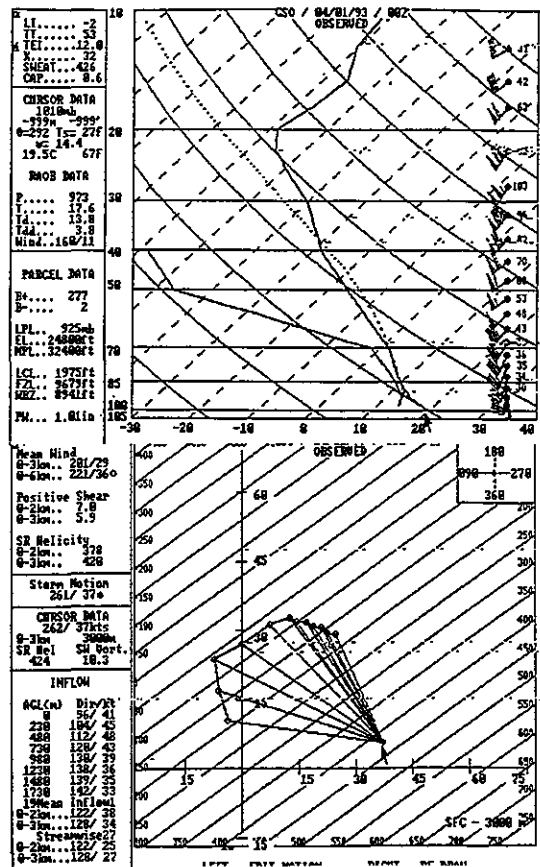
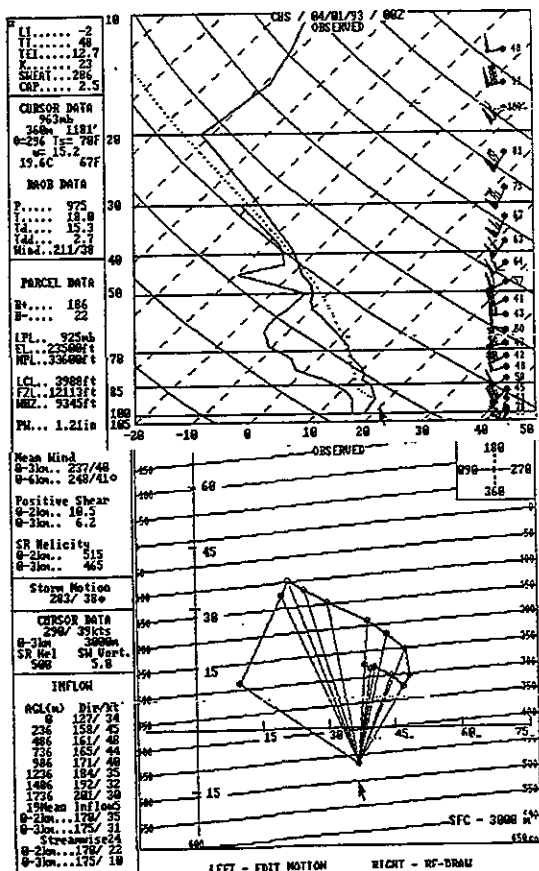
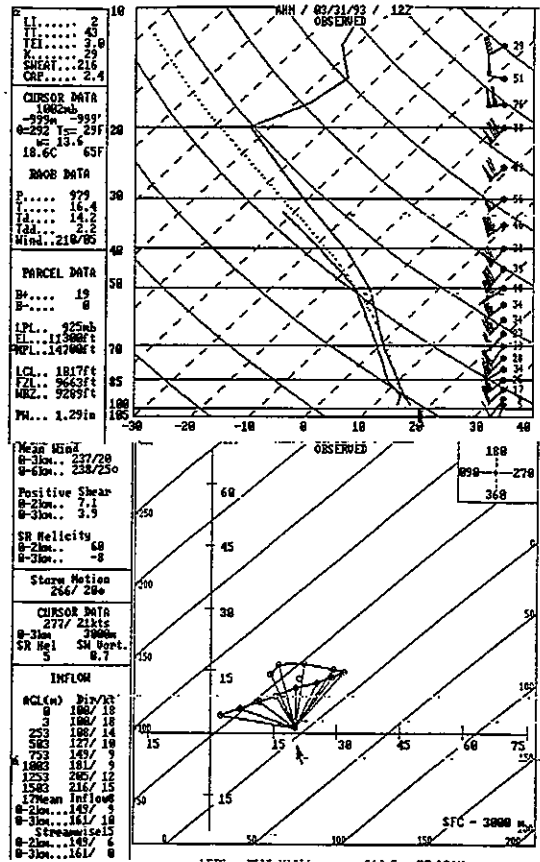
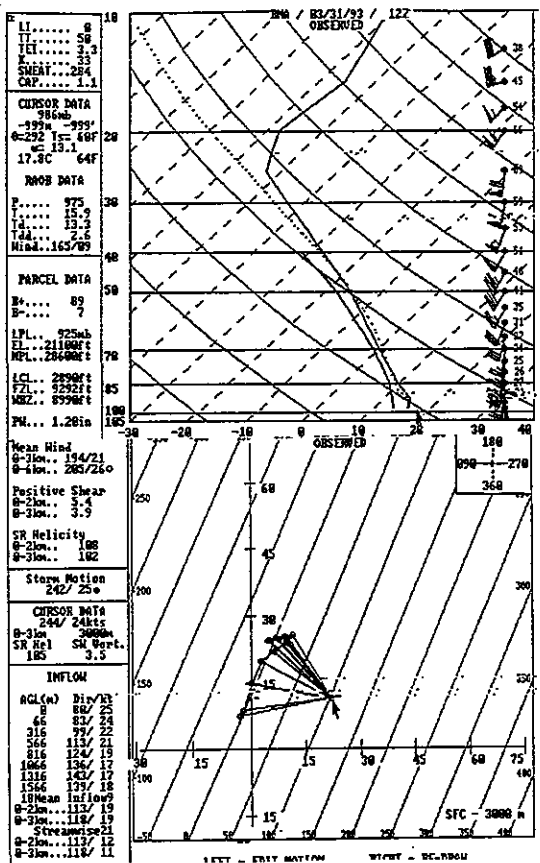


SURFACE MAP 18Z



SURFACE MAP 00Z





CASE NO. 78

COMPOSITE MAP 00Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/01/93 - 0600CST 04/02/93

Total Non-Tornadic Reports: 36

Large Hail Reports... 35      Damaging Wind Reports... 1

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	16	9	9	1	0	0	35
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

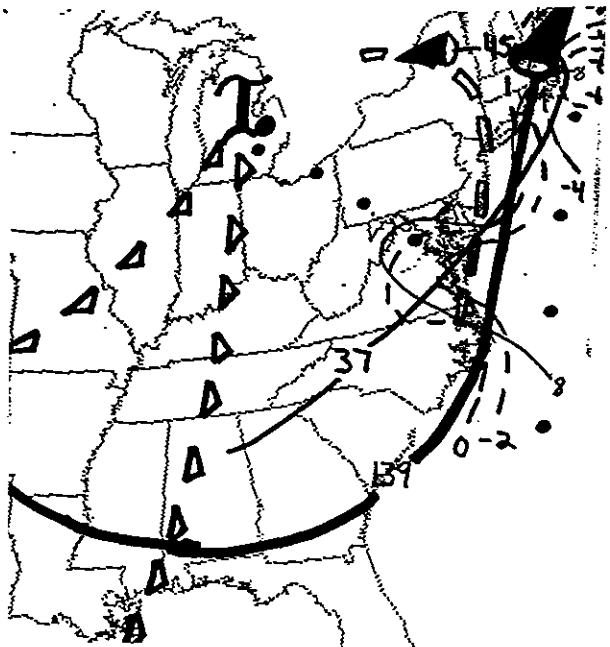
DAMAGING WIND

	WNGC	50	60	70	80	90	TOT
Wind	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

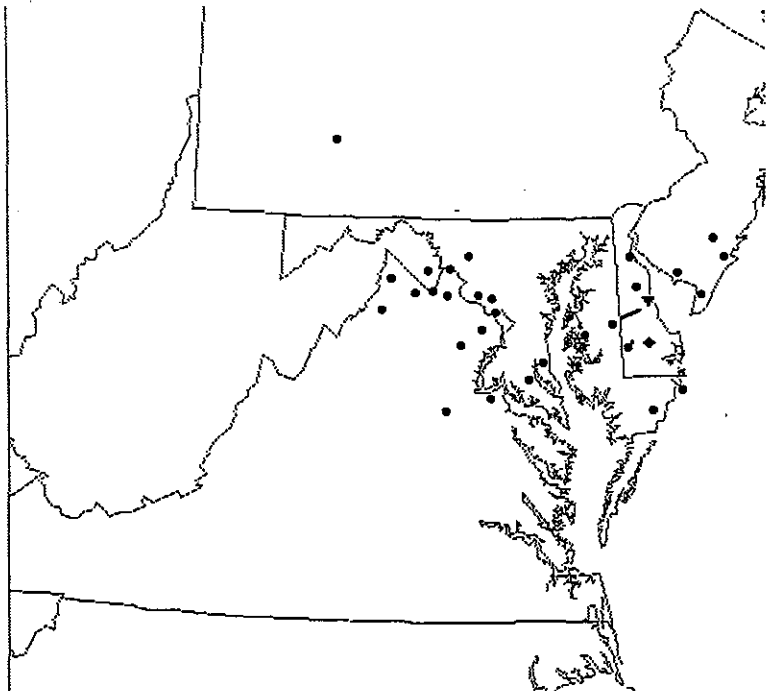
Number of Tornado Segments: 3

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	1	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



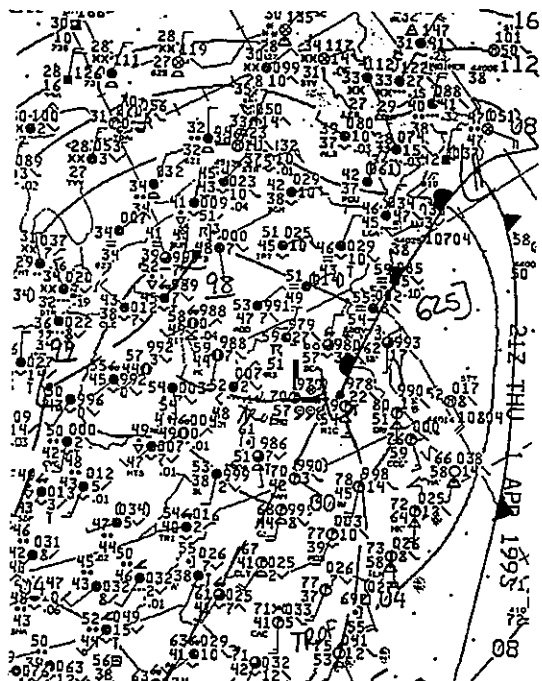
ALL SEVERE REPORTS



0600CST 04/01/93 - 0600CST 04/02/93

SE

SURFACE MAP 21Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/01/93 - 0600CST 04/02/93

Total Non-Tornadoic Reports: 6

Large Hail Reports... 1 Damaging Wind Reports... 5

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

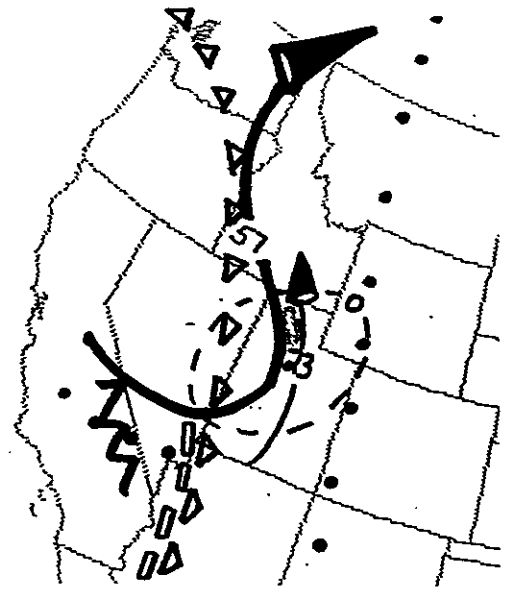
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	5	0	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

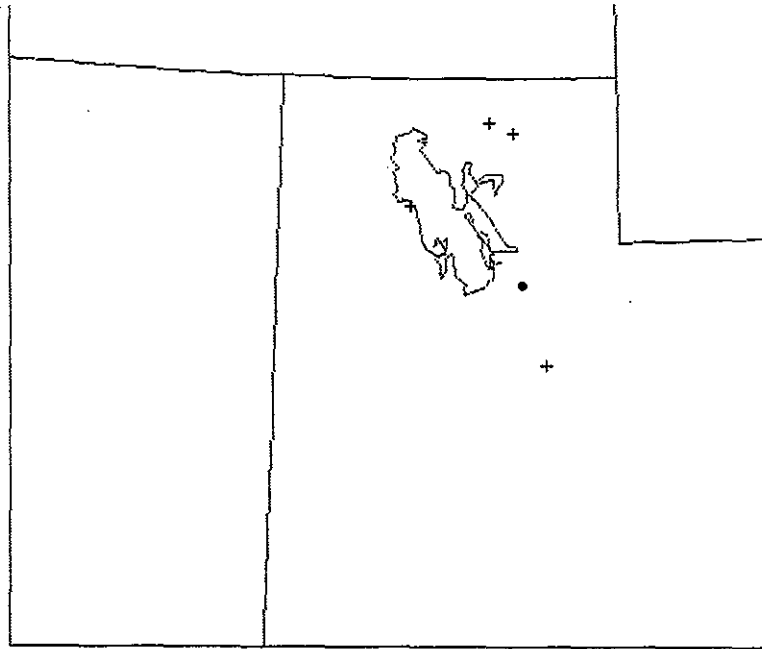
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

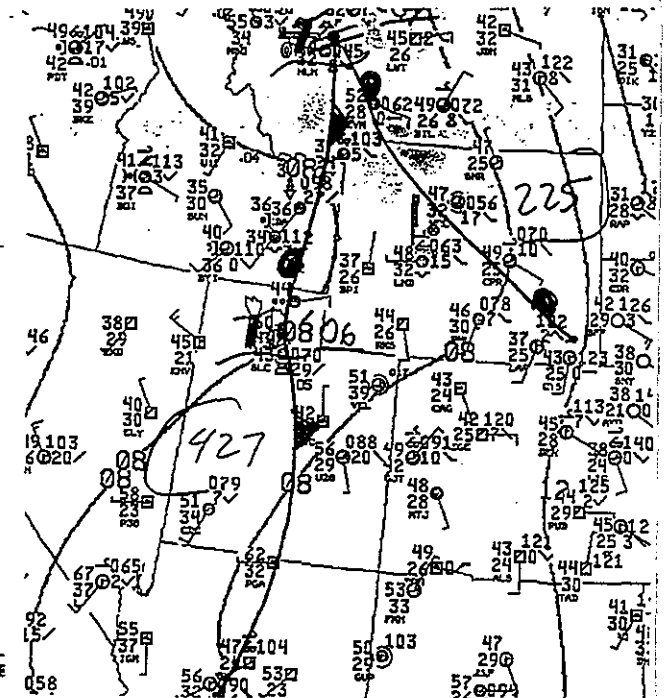


ALL SEVERE REPORTS



0600CST 04/01/93 - 0600CST 04/02/93

SURFACE MAP 03Z





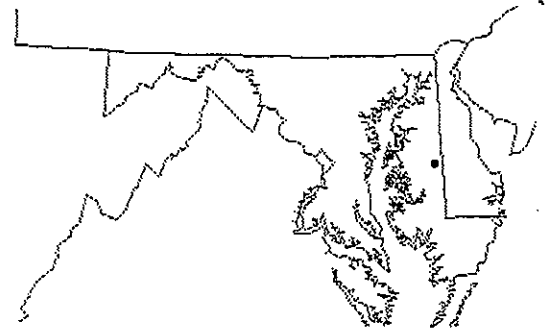
SIGNIFICANT EVENTS MAP

THURSDAY APRIL 1ST, 1993

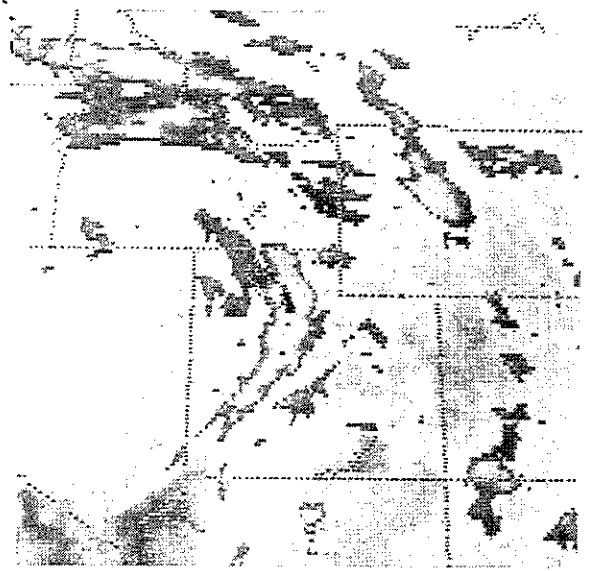
SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
APR 01	1820	2.75 INCH	MD-ec	CAROLINE		-	---

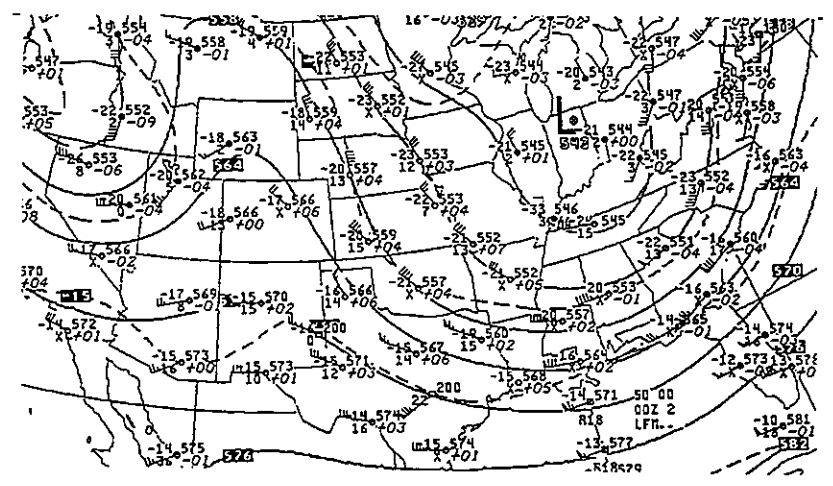
1 TOTAL



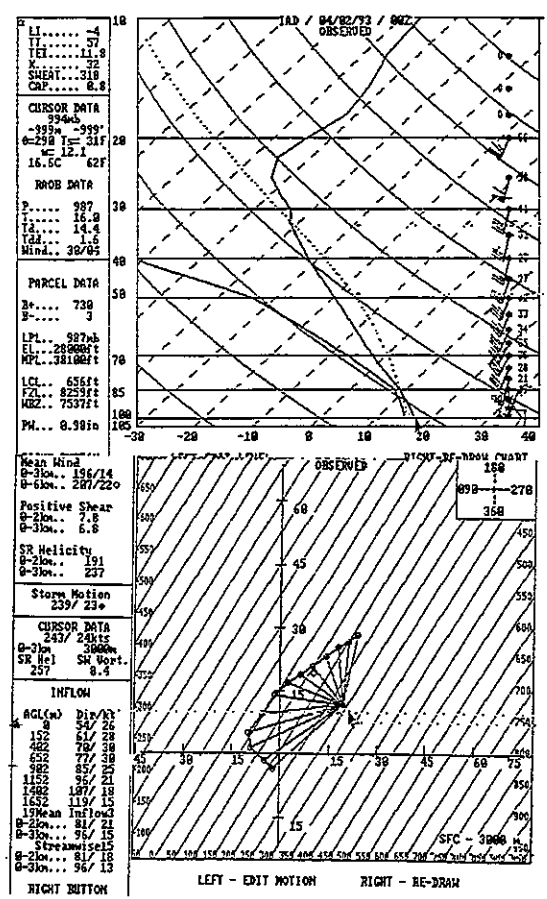
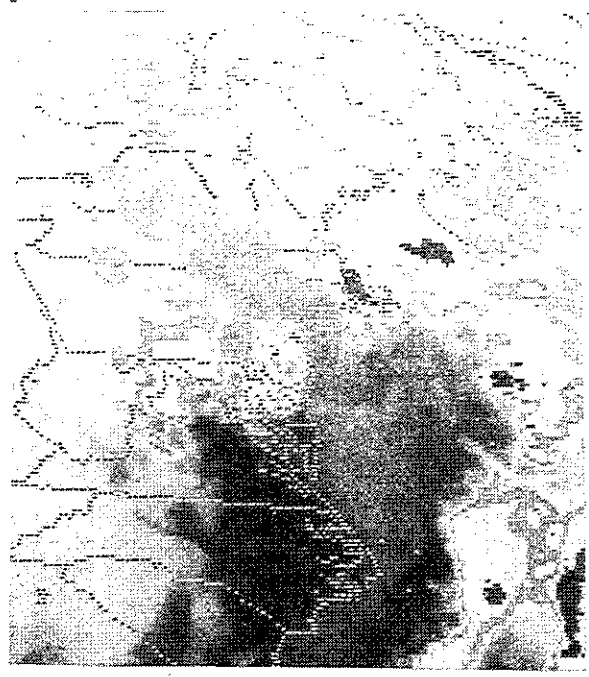
SATELLITE 23Z 1 APRIL

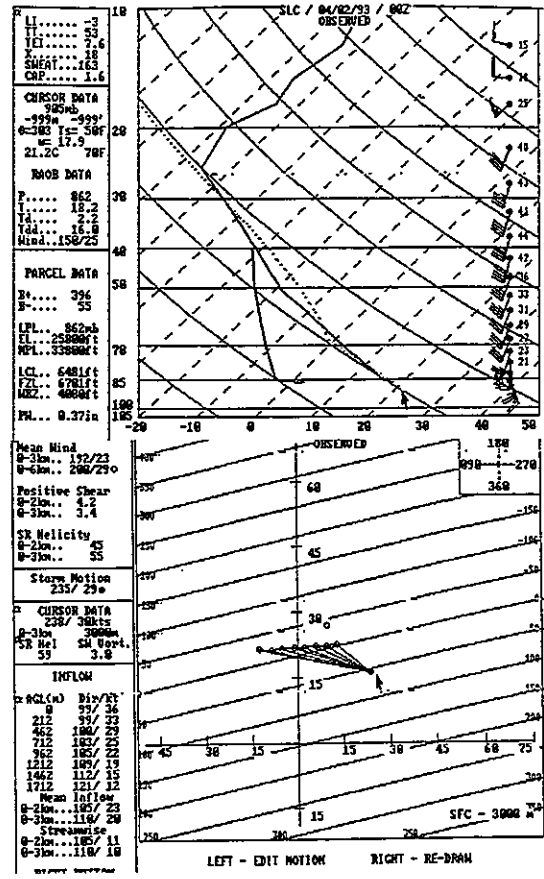
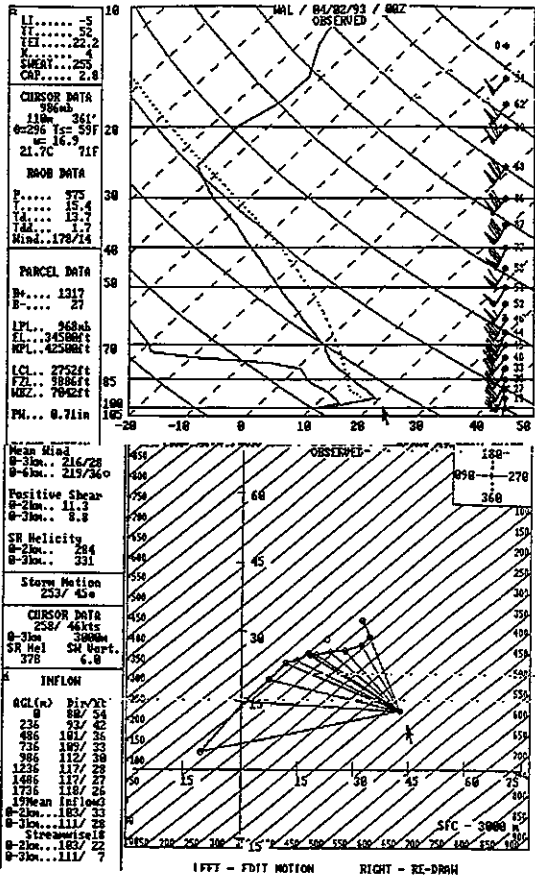


500 MB 00Z



SATELLITE 0430Z 2 APRIL





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/03/93 - 0600CST 04/04/93

Total Non-Tornadic Reports: 41

Large Hail Reports... 39 Damaging Wind Reports... 2

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	20	8	7	3	1	0	39
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

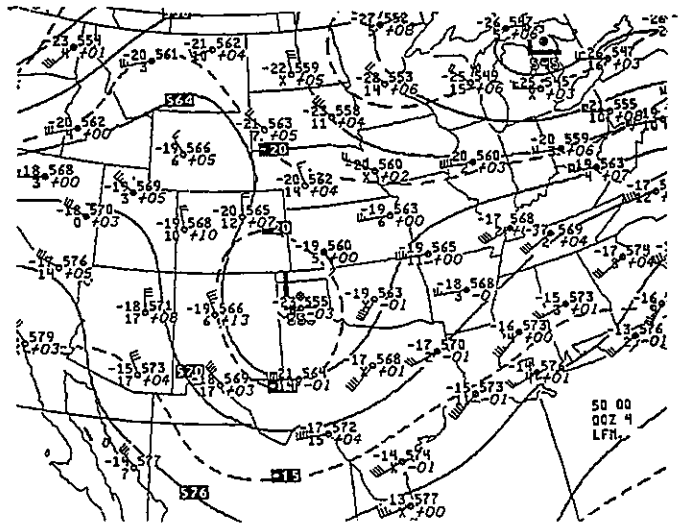
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	2	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

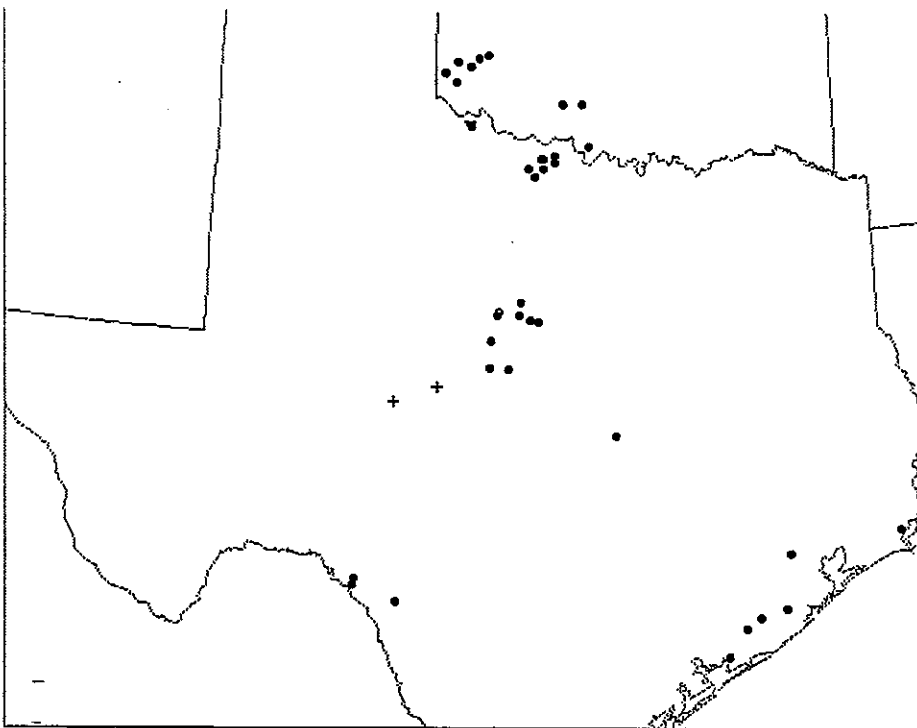
Number of Tornado Segments: 1

TORNADO SEGMENTS

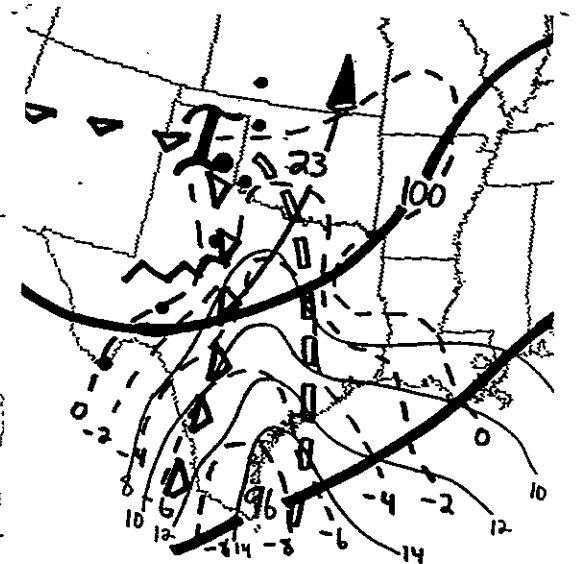
	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



COMPOSITE MAP 00Z



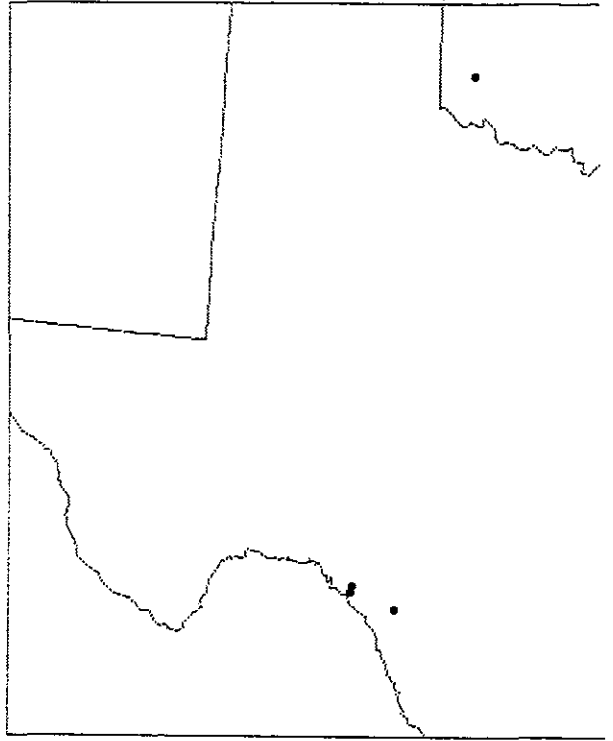
0600CST 04/03/93 - 0600CST 04/04/93

SEVERE WEATHER

SATURDAY APRIL 3RD, 1993

SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
APR 03	2007	2.00 INCH	OK-sw	GREER...MANGUM	-	---
APR 03	2247	2.50 INCH	TX-sc	VAL VERDE...COMSTOCK	-	---
APR 03	2250	3.00 INCH	TX-sc	VAL VERDE... 8 NW DEL RIO	---	---
APR 03	2348	2.75 INCH	TX-sc	KINNEY...BRACKETVILLE	-	1 M
4 TOTAL					-	1 M

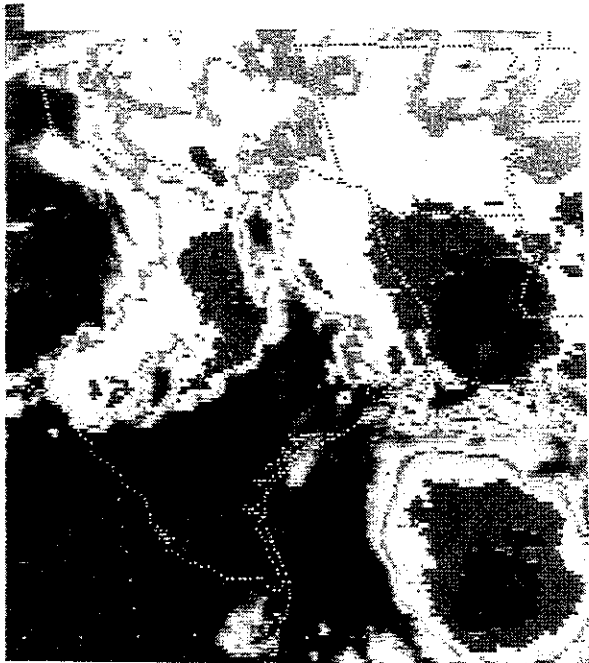


0600CST 04/03/93 - 0600CST 04/04/93

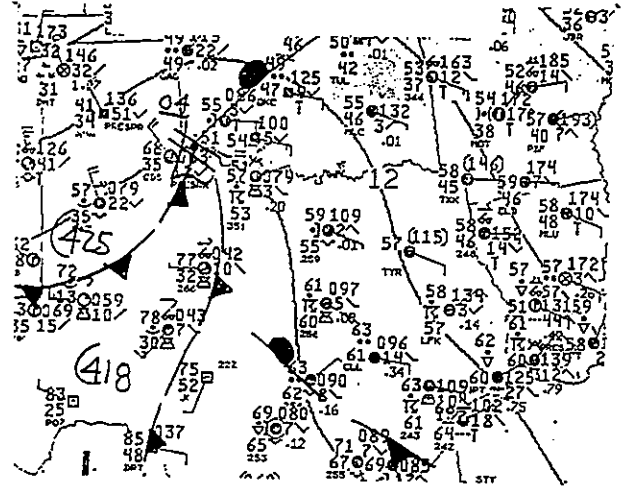
SATELLITE 0130Z 4 APRIL



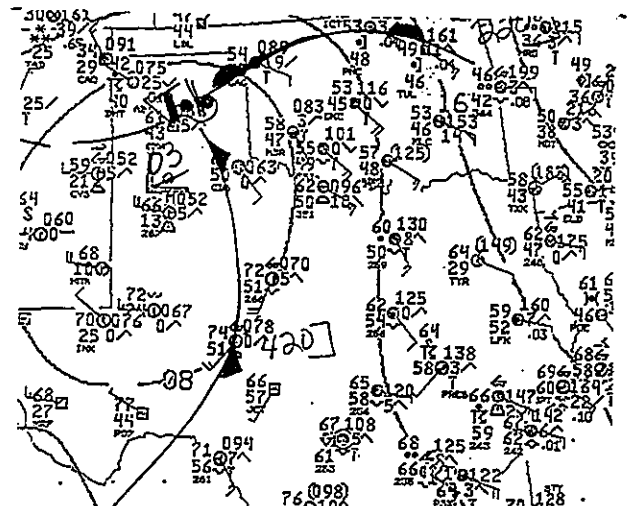
SATELLITE 0530Z 4 APRIL

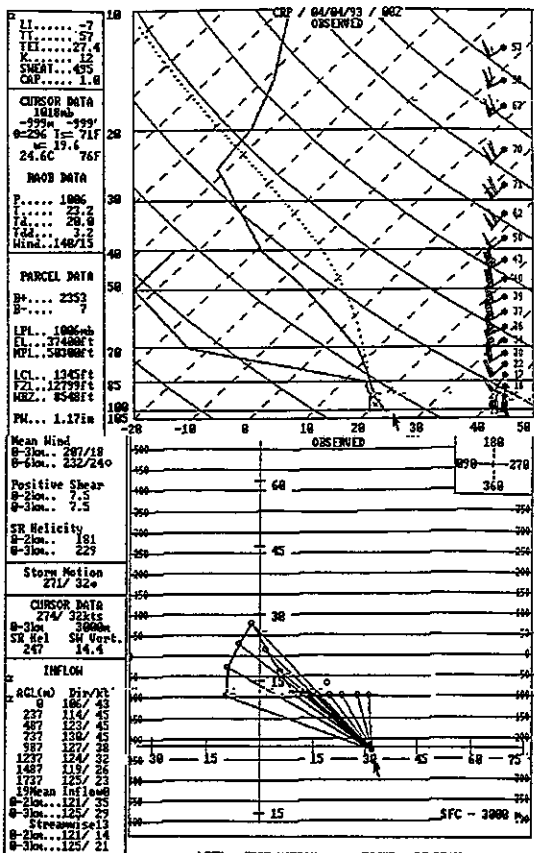
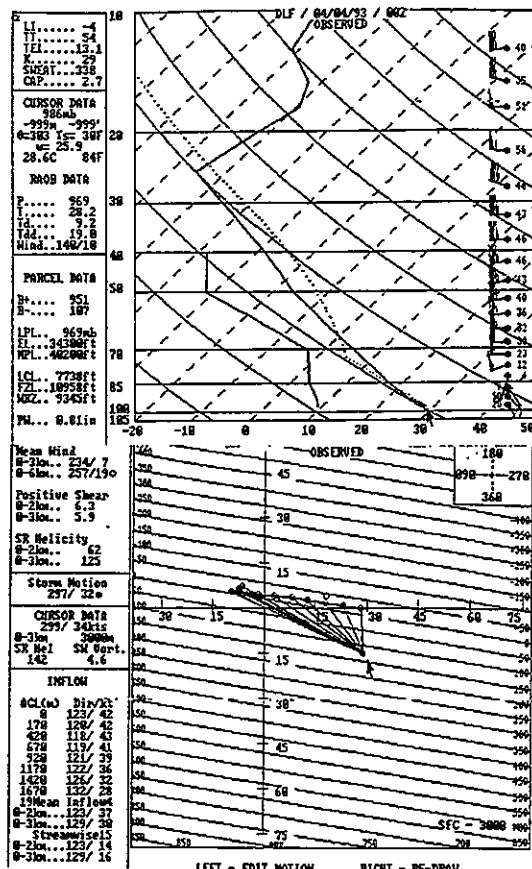
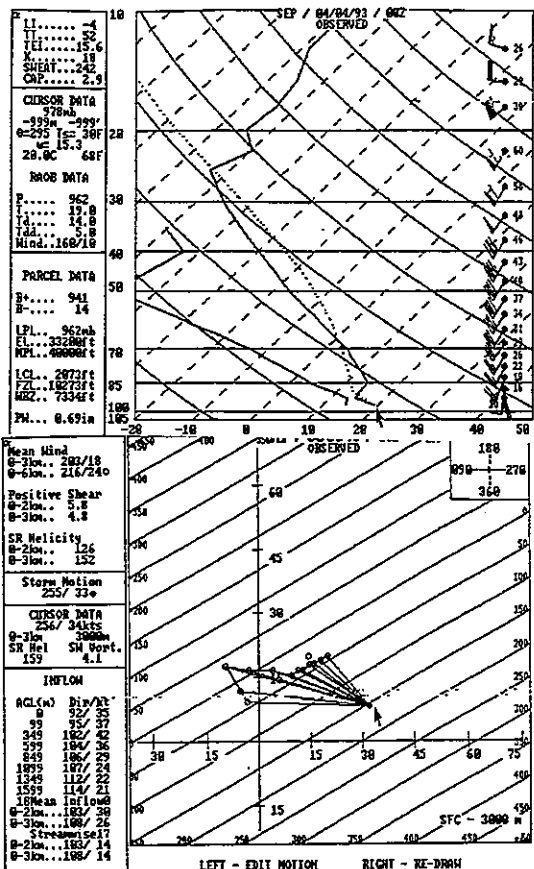


SURFACE MAP 18Z



SURFACE MAP 00Z





# CASE NO. 80

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/04/93 - 0600CST 04/05/93

Total Non-Tornadoic Reports: 9

Large Hail Reports... 0      Damaging Wind Reports... 9

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

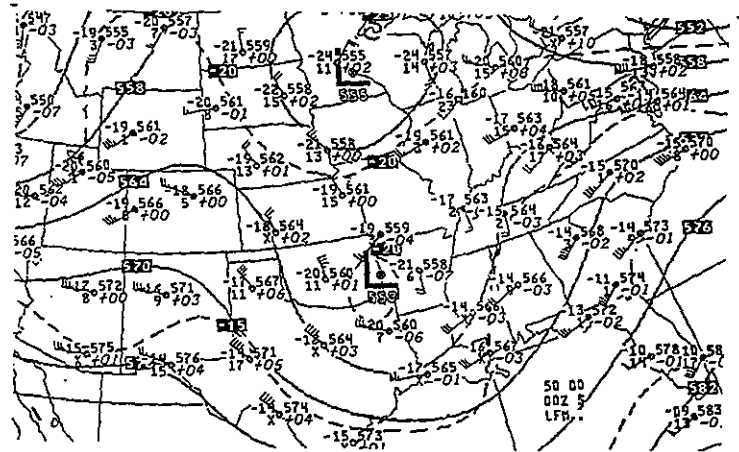
### DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	7	2	0	0	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	1	1	0	0	0	0	2

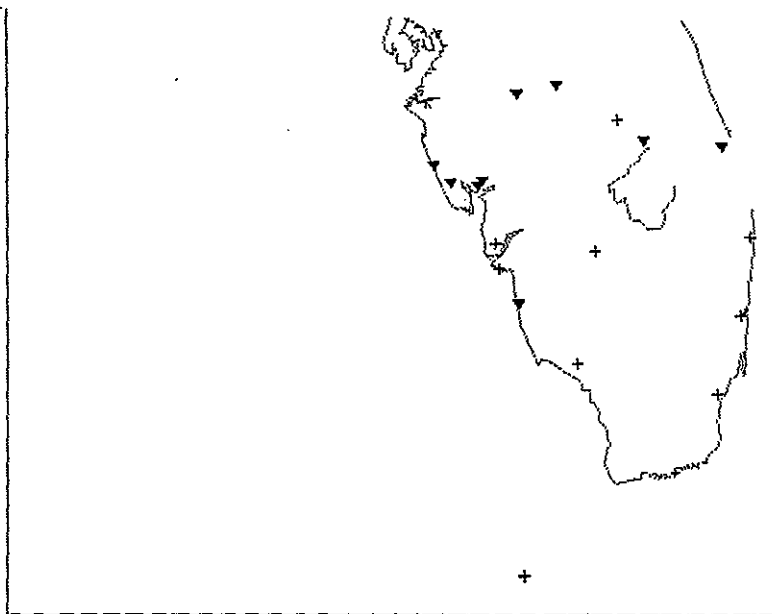
Number of Tornado Segments: 10

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	8	1	1	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	2	1	0	0	0	3



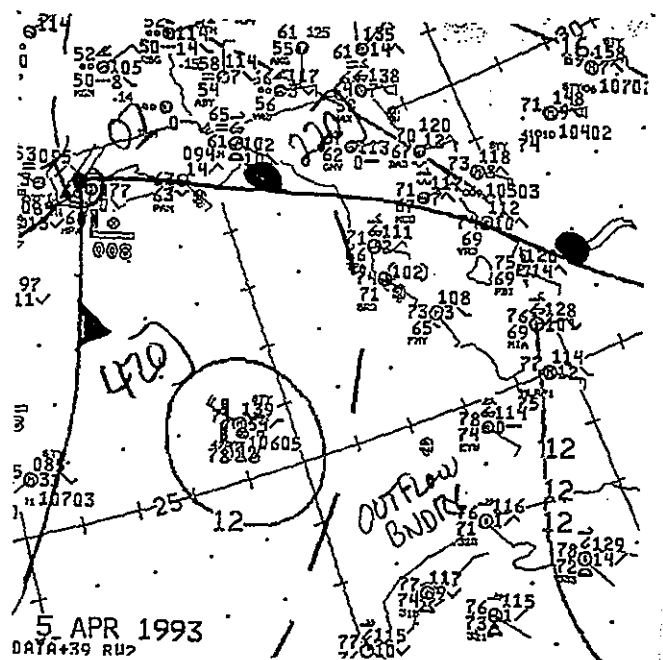
### ALL SEVERE REPORTS



0600CST 04/04/93 - 0600CST 04/05/93

SEU

### SURFACE MAP 03Z



SIGNIFICANT EVENTS MAP

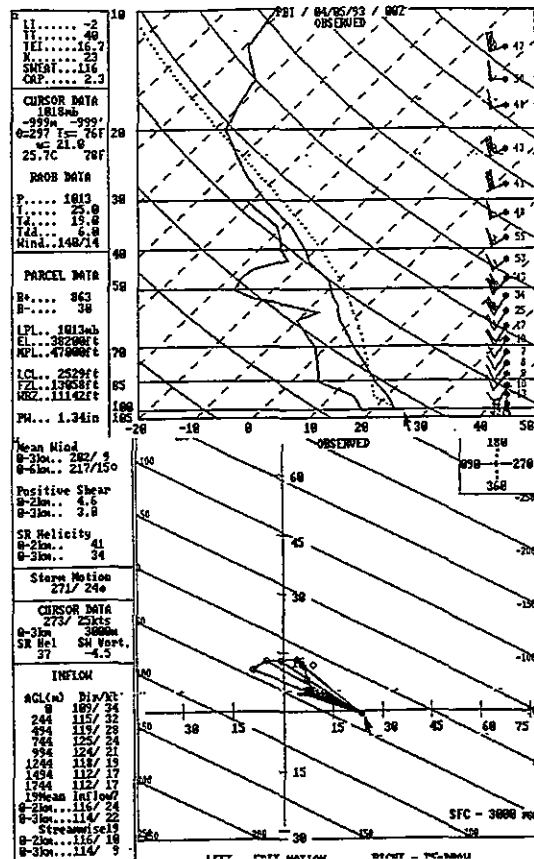
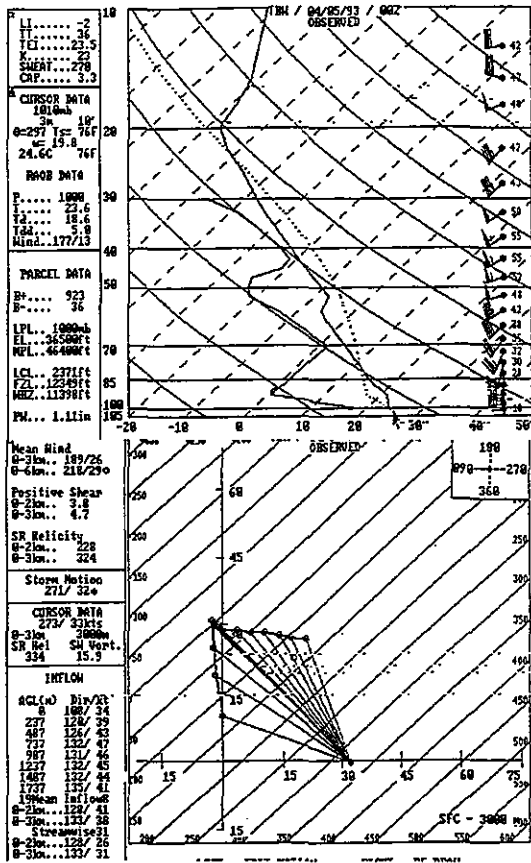
SUNDAY APRIL 4TH, 1993

SIGNIFICANT TORNADO EVENTS

DATE	TIME	TOR PATH	WID	STATE	LOCATION	KIL	INJ	DMG
APR 05	0040	F-2	2.0	100 FL	CHARLOTTE/FT. CHARLOTTE	1	1	M
<b>1 TOTAL</b>						-	1	1 M

SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
APR 05	0045	59 MPH GUST	FL	LEE..	FORT MYERS	-	1	1 M
APR 05	0330	WIND DAMAGE	FL	BROWARD/FT.	LAUDERDALE	2	---	---
<b>2 TOTAL</b>						-	3	1 M



ALL SEVERE REPORTS

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/05/93 - 0600CST 04/06/93

Total Non-Tornadic Reports: 23

Large Hail Reports... 21      Damaging Wind Reports... 2

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	8	4	7	1	1	0	21
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

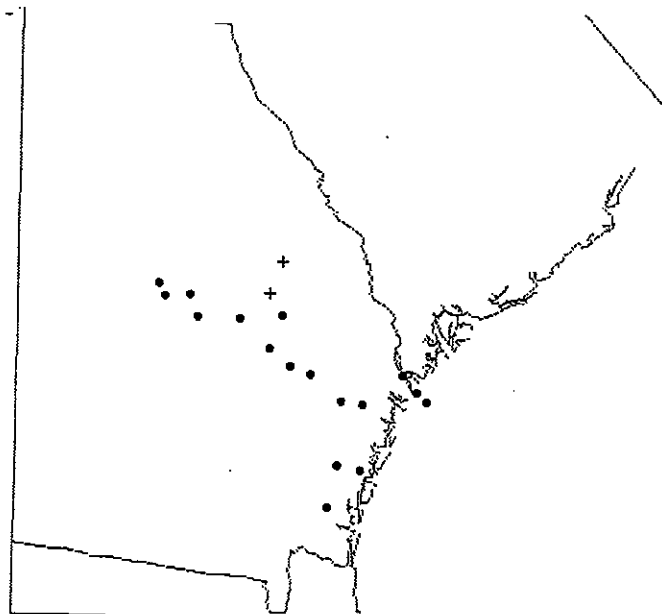
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

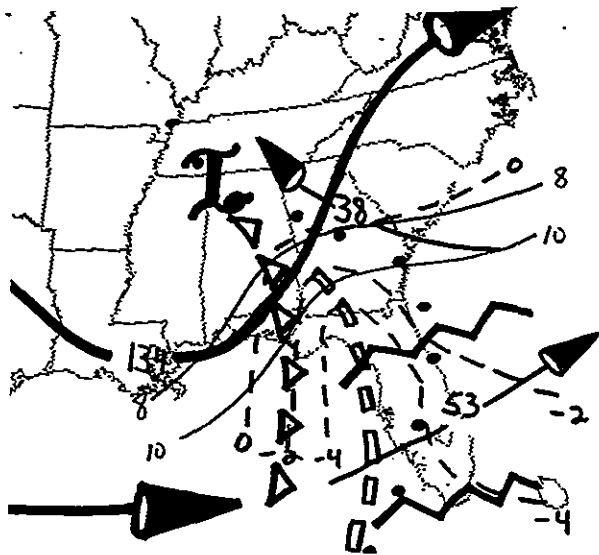
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

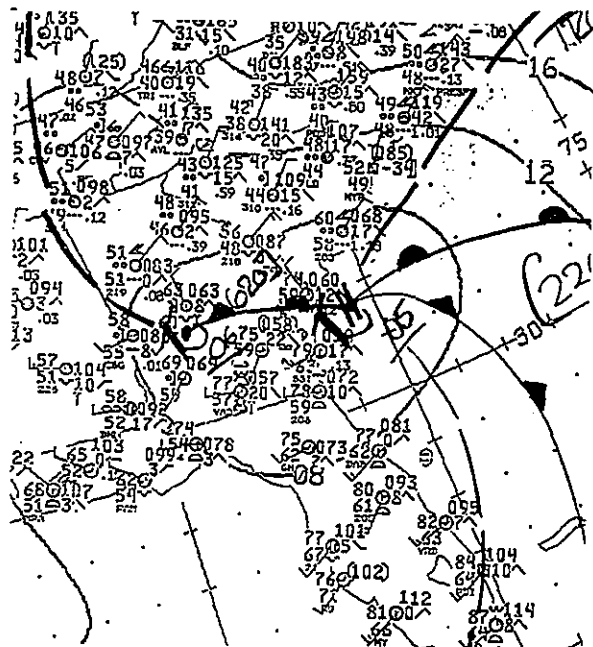


0600CST 04/05/93 - 0600CST 04/06/93

COMPOSITE MAP 12Z



SURFACE MAP 18Z

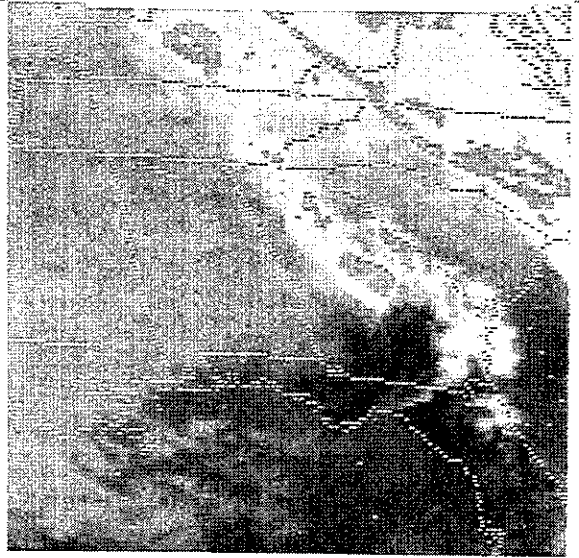




# MONDAY APRIL 5TH, 1993

## SIGNIFICANT HAIL EVENTS

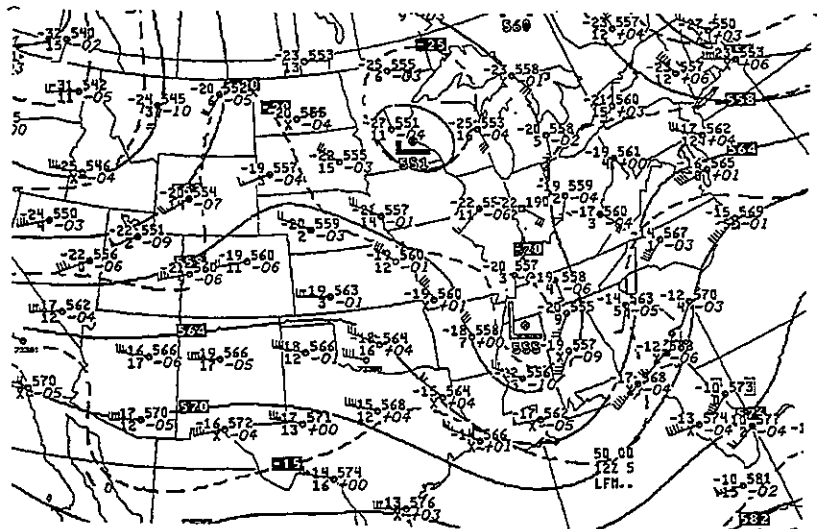
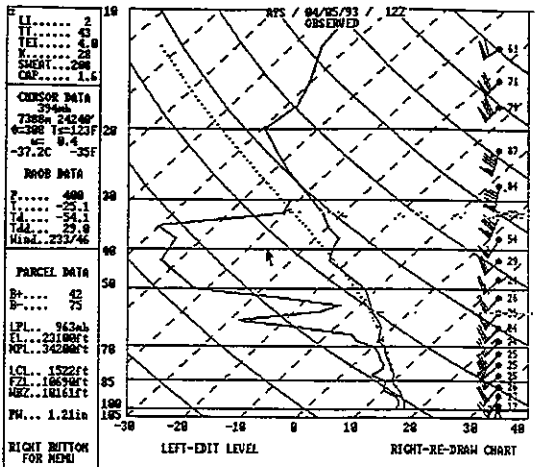
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
APR 05	1415	2.75 INCH	GA-se	CHATHAM..	SAVANNAH	-	---
APR 05	1415	3.50 INCH	GA-se	CHATHAM..	12 SE SAVANNAH	-	---
<b>2 TOTAL</b>						-	---



## SIGNIFICANT EVENTS MAP



500 MB 12Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/07/93 - 0600CST 04/08/93

Total Non-Tornadoic Reports: 16

Large Hail Reports... 6 Damaging Wind Reports... 10

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	2	1	3	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

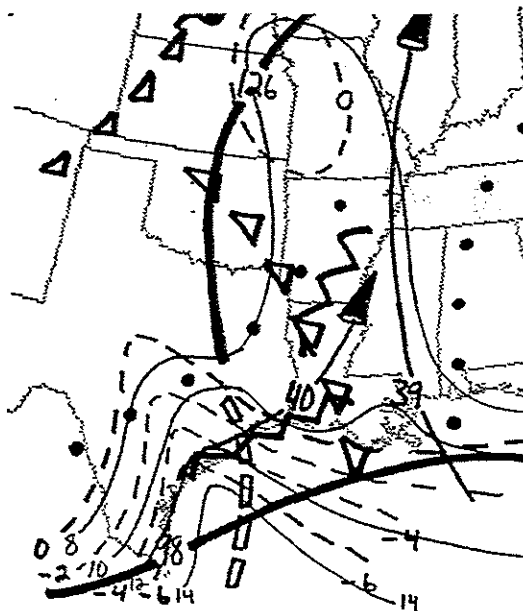
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	8	1	1	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

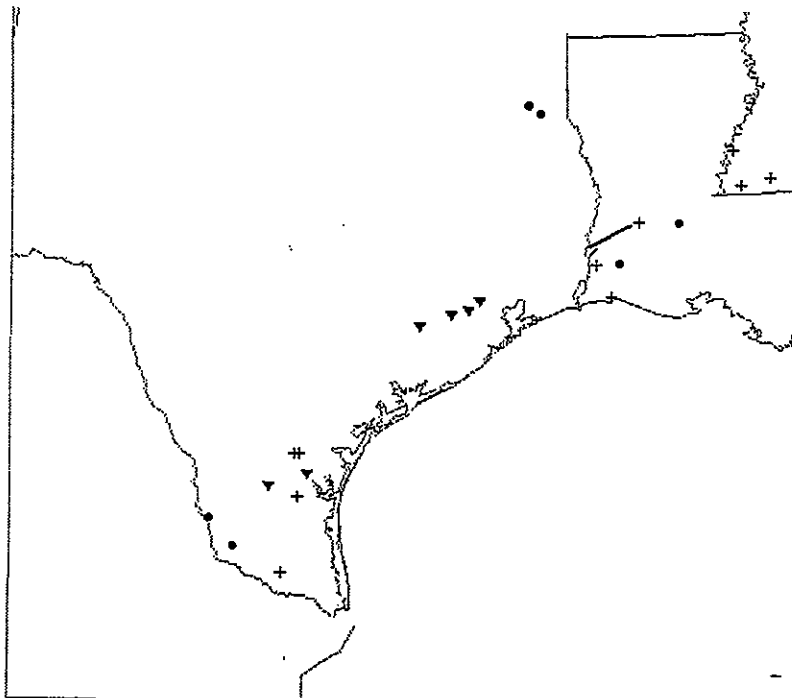
Number of Tornado Segments: 8

TORNADO SEGMENTS

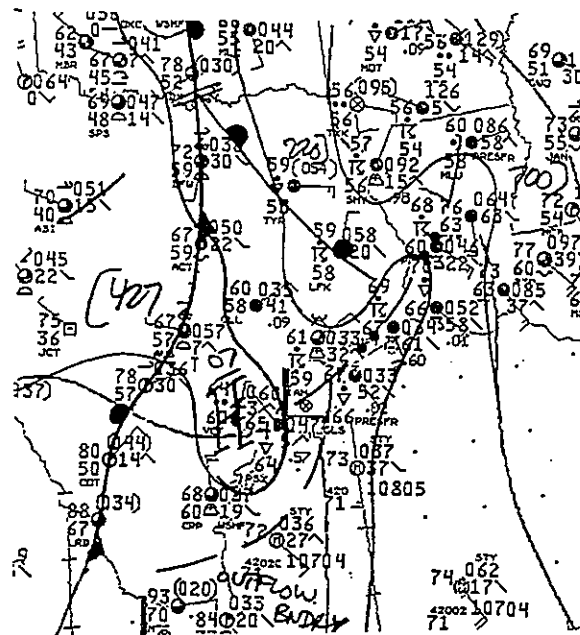
	F0	F1	F2	F3	F4	F5	TOT
Segments	1	5	2	0	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	5	0	0	0	5



ALL SEVERE REPORTS



SURFACE MAP 21Z



0600CST 04/07/93 - 0600CST 04/08/93

SEVE

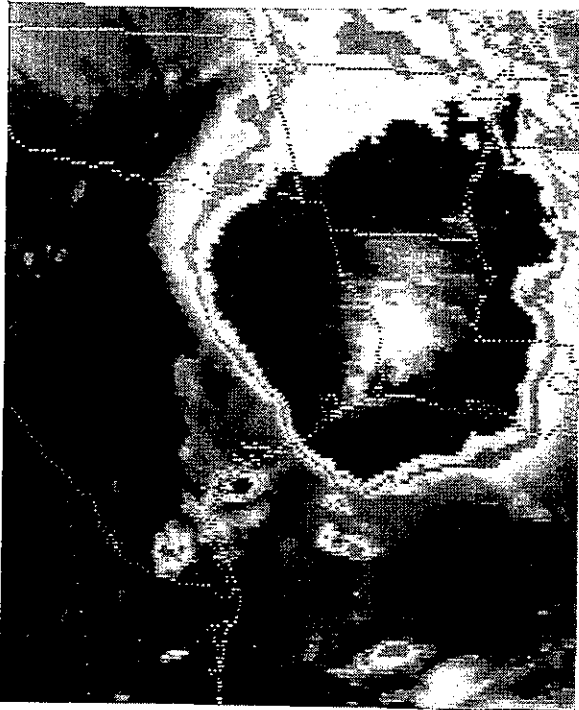
SIGNIFICANT EVENTS MAP

WEDNESDAY APRIL 7TH, 1993

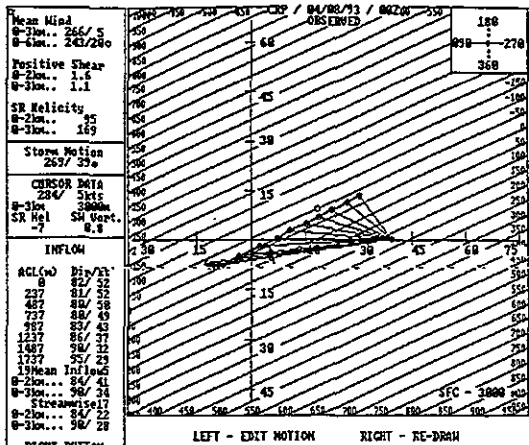
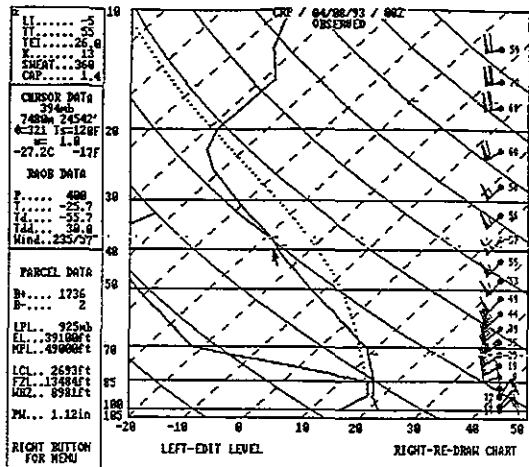
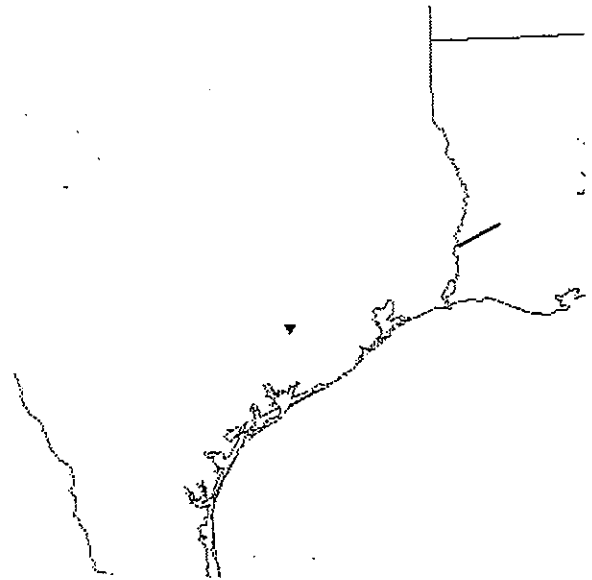
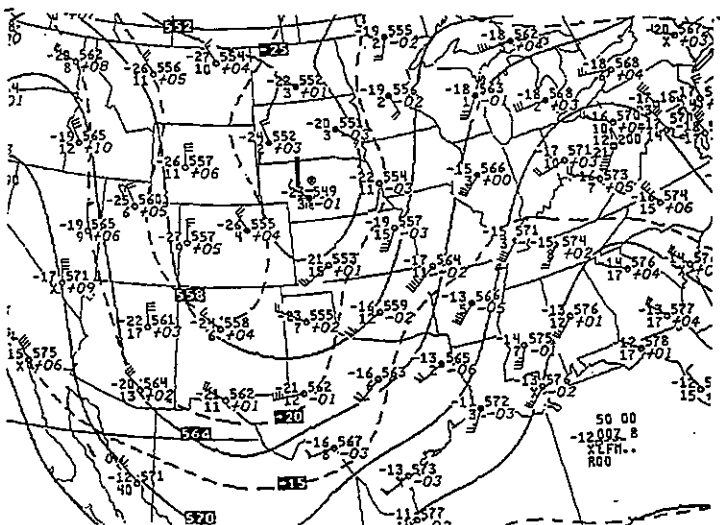
SIGNIFICANT TORNADO EVENTS

DATE	TIME	FOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
APR 07	1325	F-2	0.5	400	TX-se	2 NW EGYPT	-	-	---
APR 07	1623	F-2	43.0	100	LA-sc	FIELDS TO DRY CREEK	5	---	---
2 TOTAL							-	5	---

SATELLITE 22Z 7 APRIL



500 MB 00Z



CASE NO. 83

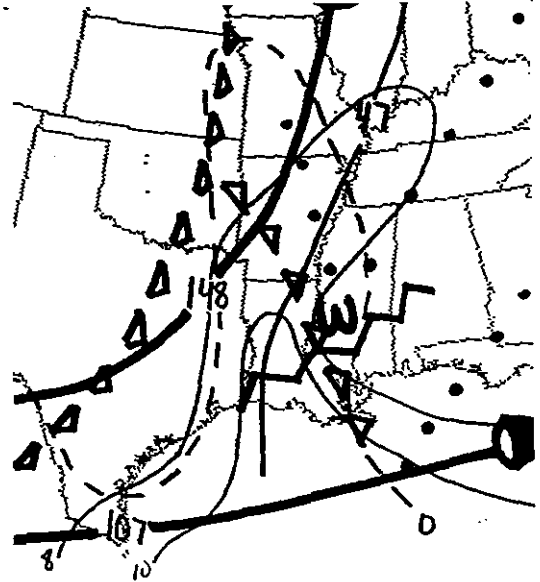
COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/08/93 - 0600CST 04/09/93

Total Non-Tornadic Reports: 4

Large Hail Reports... 1      Damaging Wind Reports... 3



LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

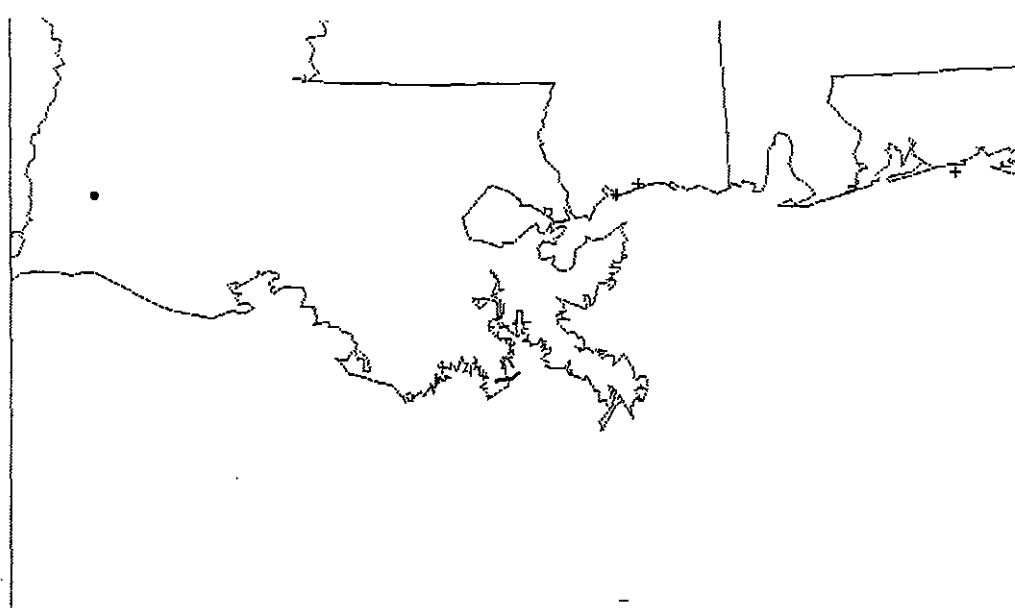
	WNDG	50	60	70	80	90	TOT
Wind	3	0	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 2

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	2	0	0	0	2
Fatalities	0	0	3	0	0	0	3
Injuries	0	0	39	0	0	0	39

ALL SEVERE REPORTS



0600CST 04/08/93 - 0600CST 04/09/93

SEVERE WEATHER REPORTS

SIGNIFICANT EVENTS MAP

THURSDAY APRIL 8TH, 1993

SIGNIFICANT TORNADO EVENTS

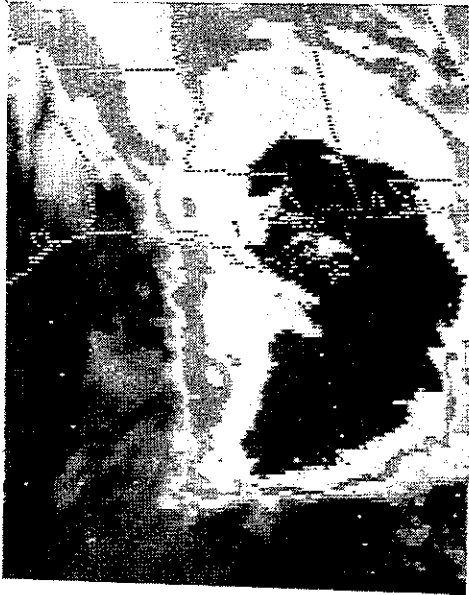
DATE TIME TOR PATH WID STATE LOCATION  
 APR 08 1320 F-2 6.0 250 LA-se GRAND ISLE

KIL INJ DMG  
 3 39 10 M  
 3 39 10 M

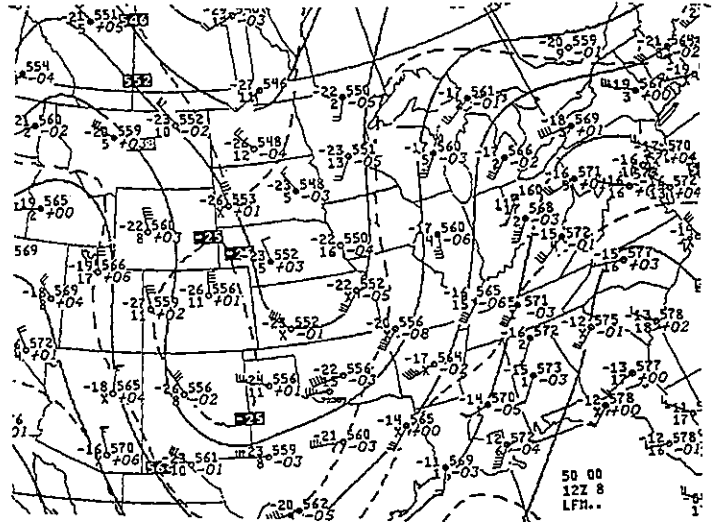
1 TOTAL



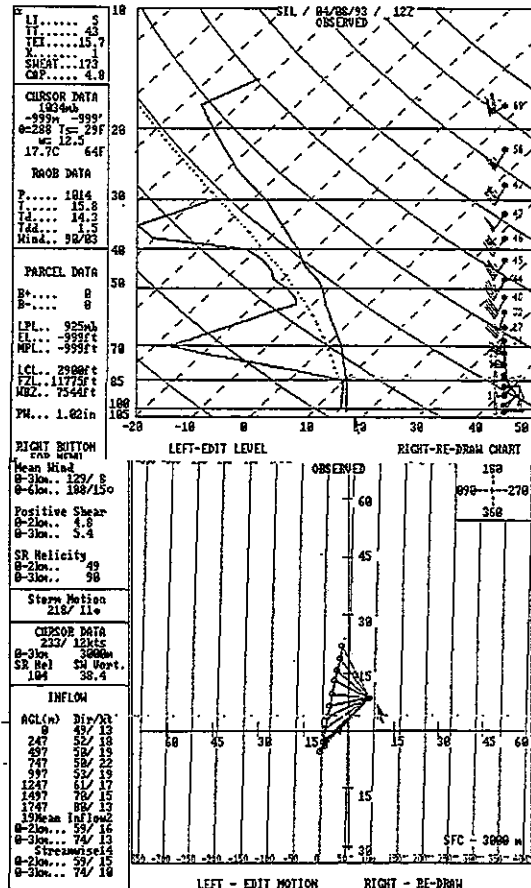
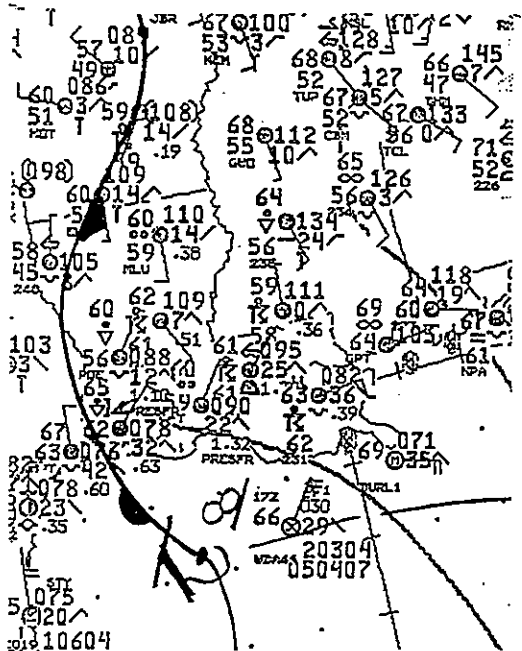
SATELLITE 19Z 8 APRIL



500 MB 12Z



SURFACE MAP 18Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/13/93 - 0600CST 04/14/93

Total Non-Tornadic Reports: 71

Large Hail Reports... 64 Damaging Wind Reports... 7

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	22	15	24	3	0	0	64
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

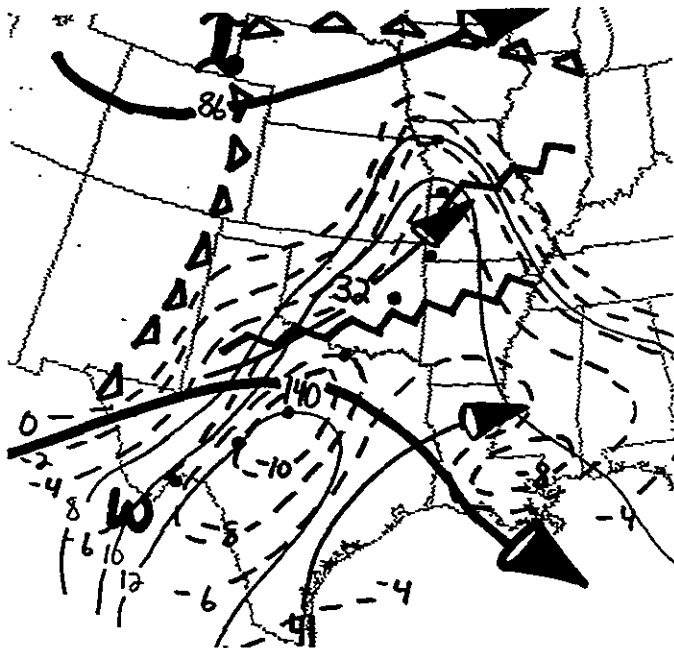
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	2	5	0	0	0	0	7
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

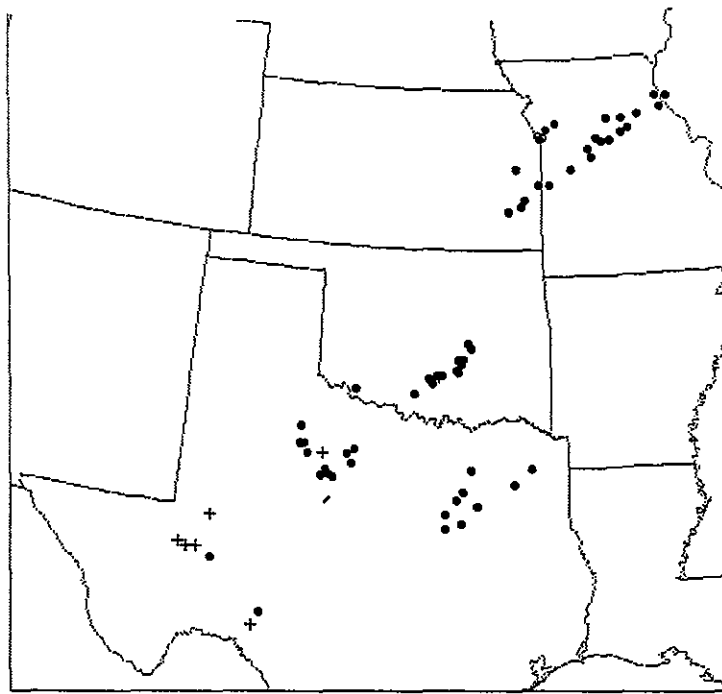
Number of Tornado Segments: 1

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	1	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0 </tr			

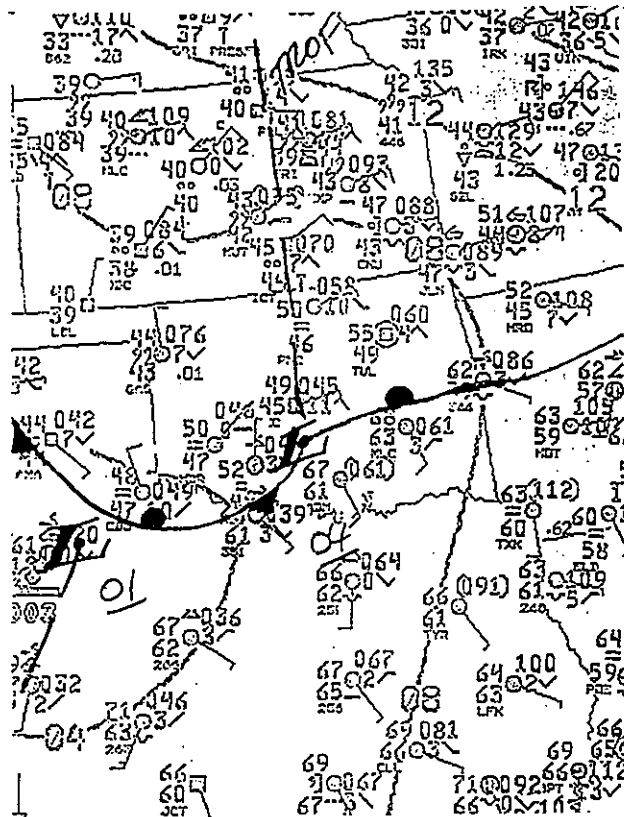


ALL SEVERE REPORTS



0600CST 04/13/93 - 0600CST 04/14/93

SURFACE MAP 12Z



SIGNIFICANT EVENTS MAP

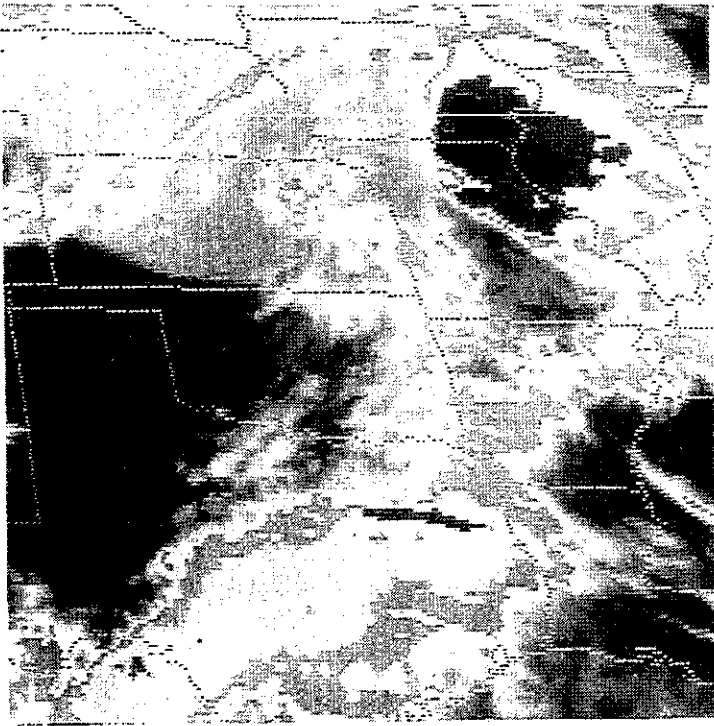
TUESDAY APRIL 13TH, 1993

SIGNIFICANT WEATHER EVENTS

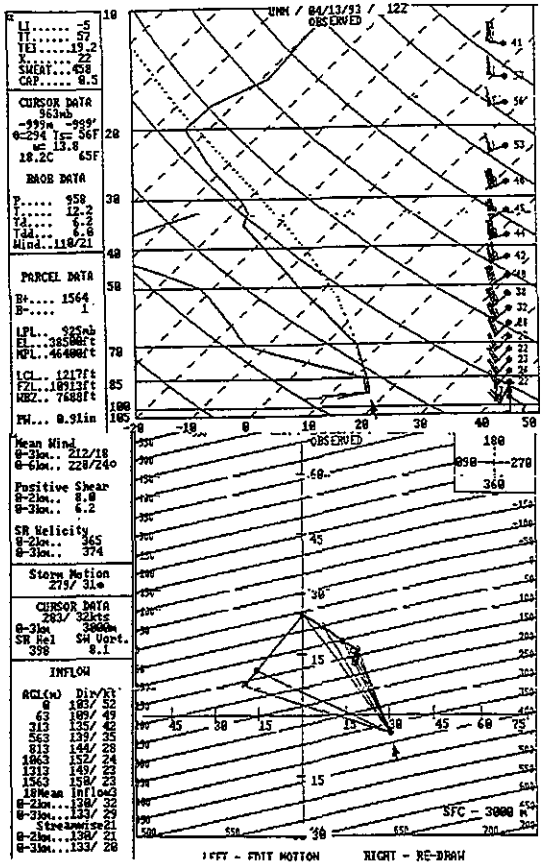
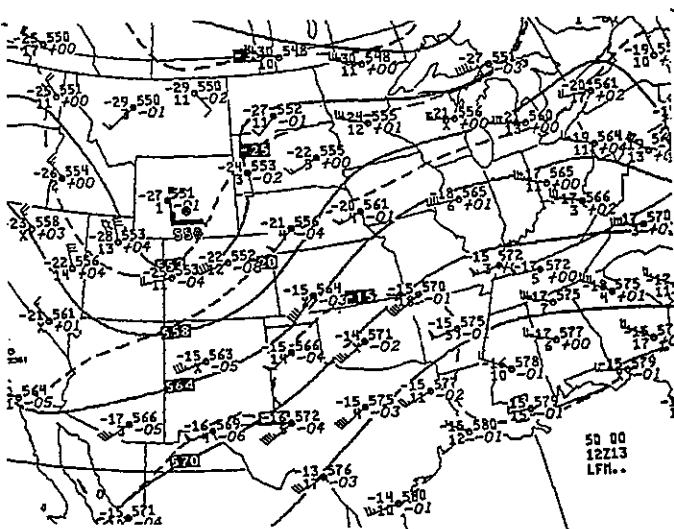
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
APR 13	0910	2.00 INCH	MO-nw	CLAY..EXCELSIOR SPRINGS	-	----
APR 13	1400	2.50 INCH	MO-c	HOWARD..NEW FRANKLIN	-	----
APR 13	1515	2.00 INCH	TX-nc	KAUFMANN..COMBINE	-	----
3 TOTAL					-	----



SATELLITE 20Z 13 APRIL



500 MB 12Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/14/93 - 0600CST 04/15/93

Total Non-Tornadic Reports: 59  
Large Hail Reports... 4      Damaging Wind Reports... 55

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	2	2	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

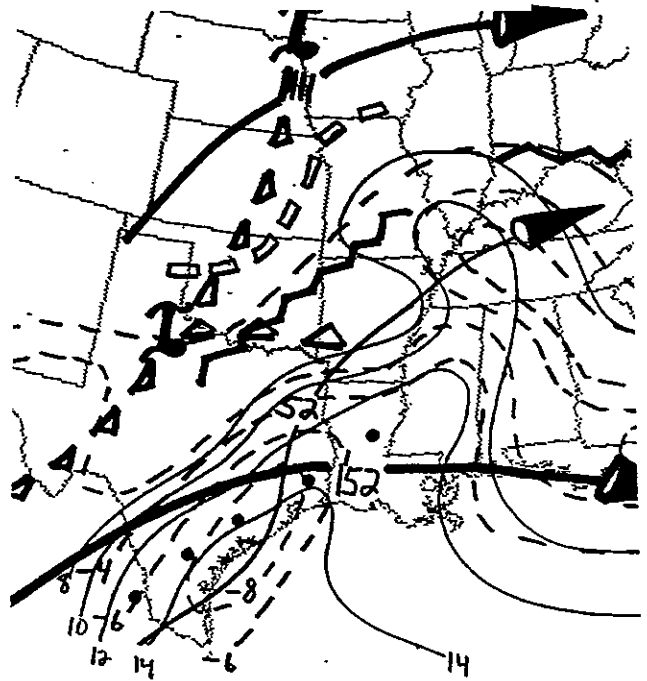
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	48	7	0	0	0	0	55
Fatalities	2	0	0	0	0	0	2
Injuries	4	0	0	0	0	0	4

Number of Tornado Segments: 6

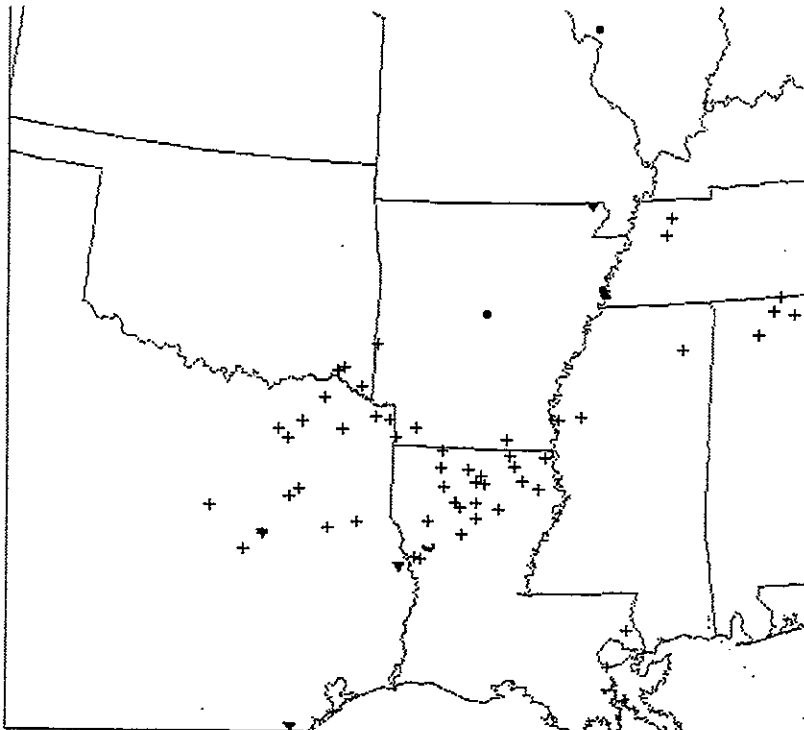
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	3	1	2	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	3	0	0	0	3



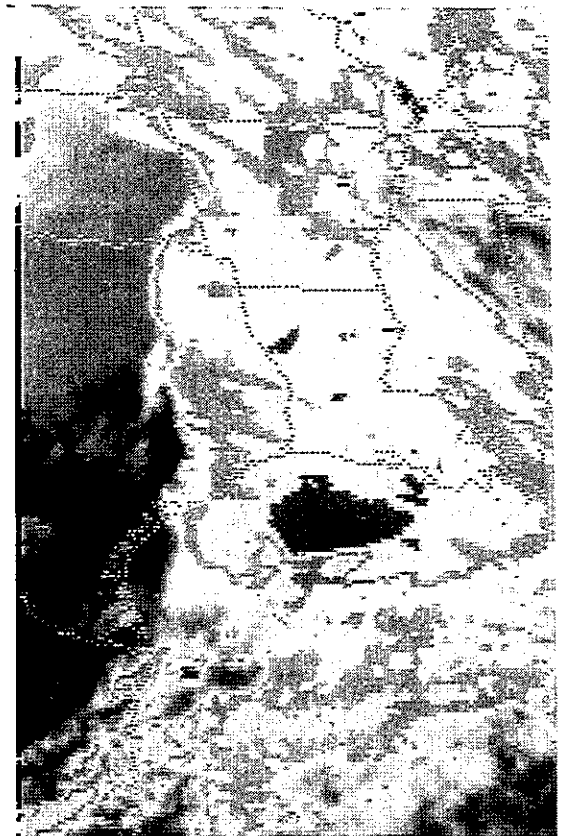
SATELLITE 21Z 14 APRIL

ALL SEVERE REPORTS



0600CST 04/14/93 - 0600CST 04/15/93

SEVERE





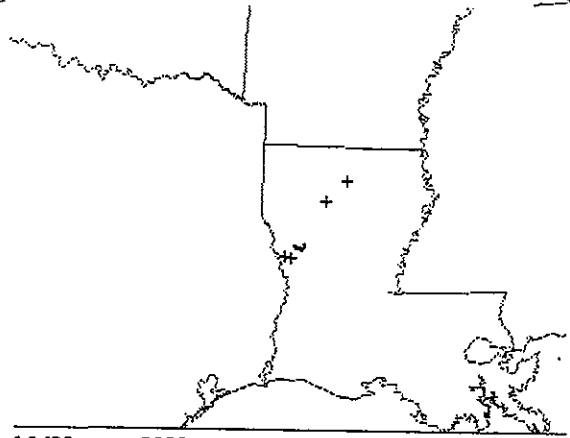
# WEDNESDAY APRIL 14TH, 1993

## SIGNIFICANT TORNADO EVENTS

DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
APR 14	1400	F-2	0.1 10	TX	SABINE..HEMPHILL	-	-	----
APR 14	1550	F-2	10.0 125	LA	ROBELINE	-	3	1 M
<b>2 TOTAL</b>						-	3	1 M

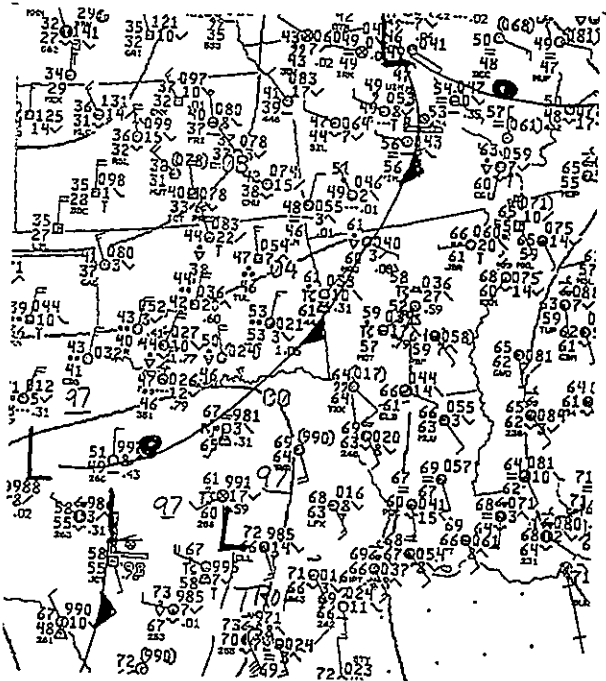
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVEENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG	
APR 14	1540	WIND DAMAGE	LA	SABINE..NEGREET	2	-	----	
APR 14	1540	WIND DAMAGE	LA	SABINE..FLORIEN	-	1	----	
APR 14	1610	WIND DAMAGE	LA	BIENVILLE..FRIENDSHIP	-	1	----	
APR 14	1635	WIND DAMAGE	LA	LINCOLN..CHOUDRANT	-	2	----	
<b>4 TOTAL</b>						2	4	----

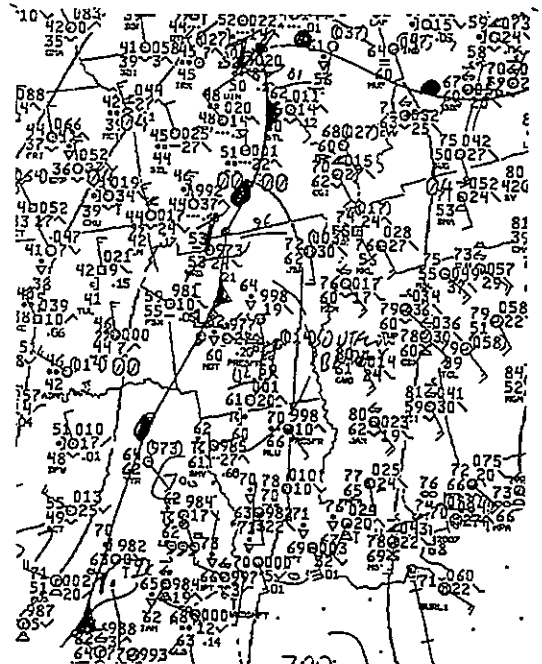


14/93 - 8608CST 04/15/93

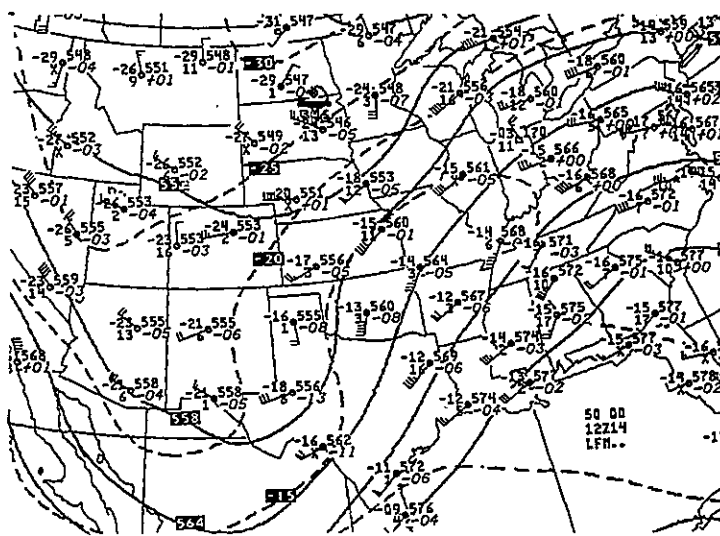
SURFACE MAP 12Z

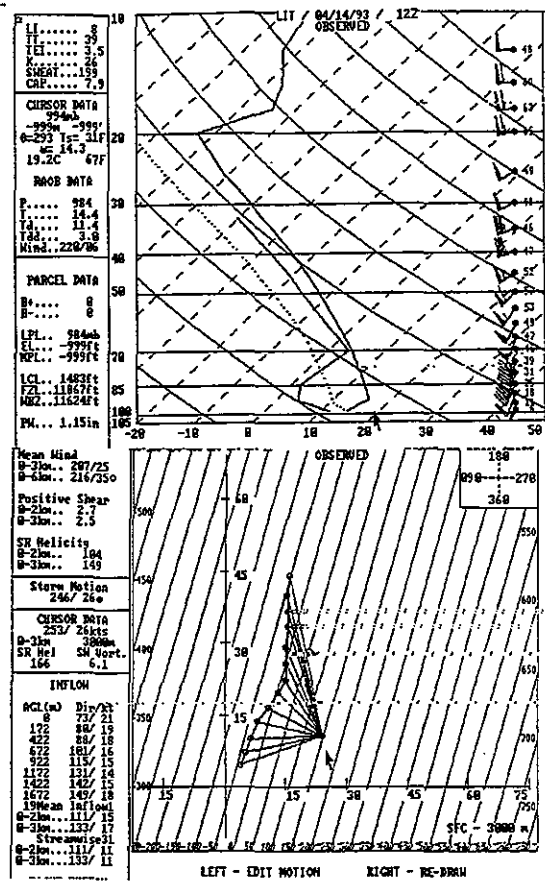
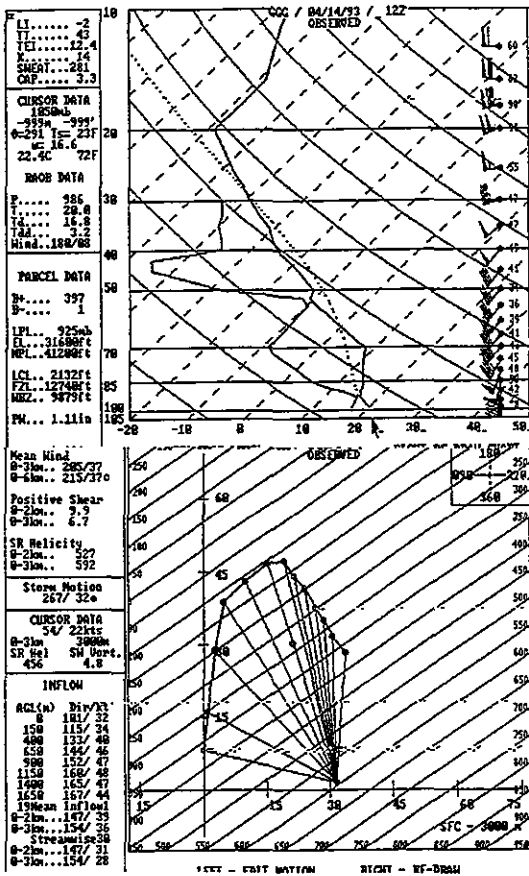


SURFACE MAP 21Z



500 MB 12Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/15/93 - 0600CST 04/16/93

Total Non-Tornadoic Reports: 185

Large Hail Reports... 45      Damaging Wind Reports... 140

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	21	13	11	0	0	0	45
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

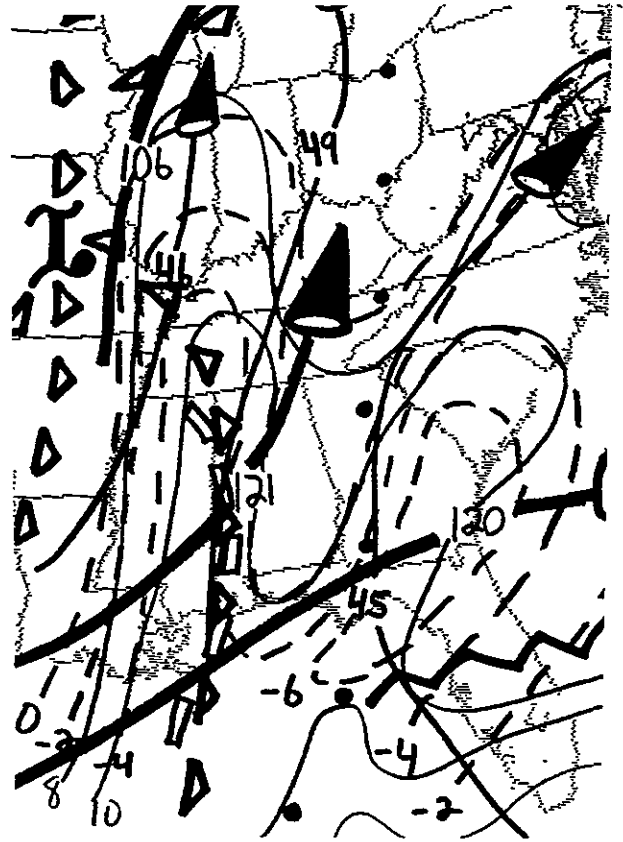
DAMAGING WIND

	WWDG	50	60	70	80	90	TOT
Wind	121	16	3	0	0	0	140
Fatalities	1	0	0	0	0	0	1
Injuries	4	0	0	0	0	0	4

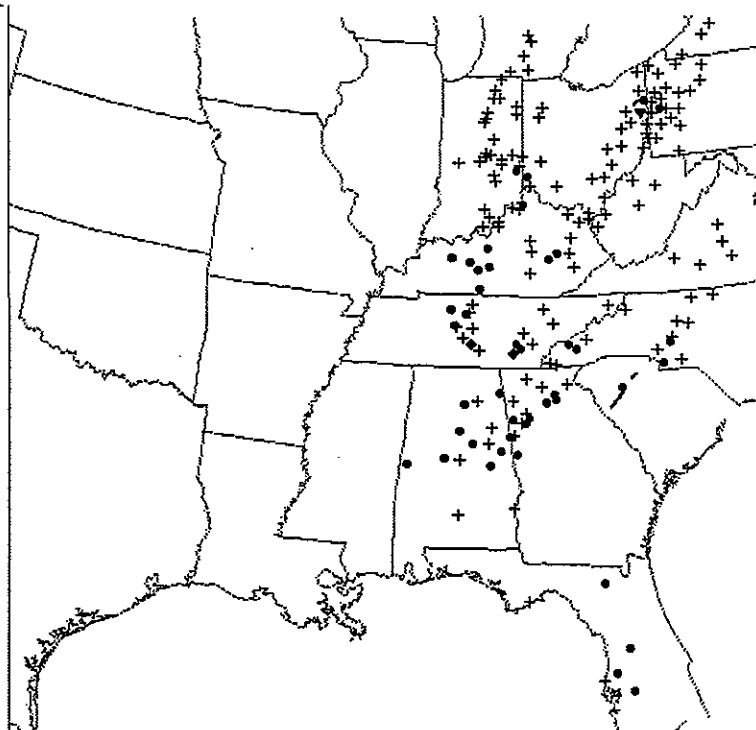
Number of Tornado Segments: 5

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	3	1	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	2	0	0	0	2



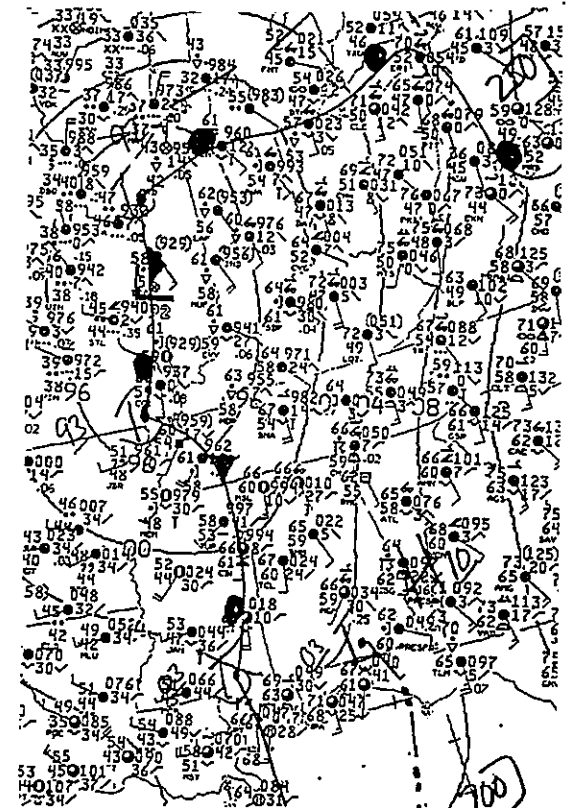
ALL SEVERE REPORTS



0600CST 04/15/93 - 0600CST 04/16/93

SJ

SURFACE MAP 15Z



SIGNIFICANT EVENTS MAP

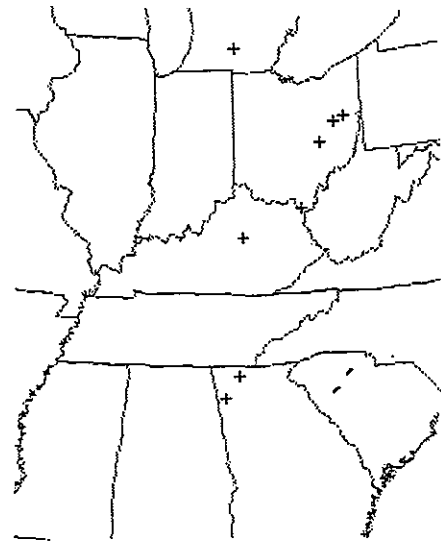
THURSDAY APRIL 15TH, 1993

**SIGNIFICANT FORECAST EVENTS**

DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
APR 15	1426	F-1	34	300	SC	GREENWOOD/LAURENS CO.	-	-	1 M
APR 15	1526	F-2	6	600	SC	UNION CO.	-	-	2 1 M
<b>2 TOTAL</b>							-	-	2 2 M

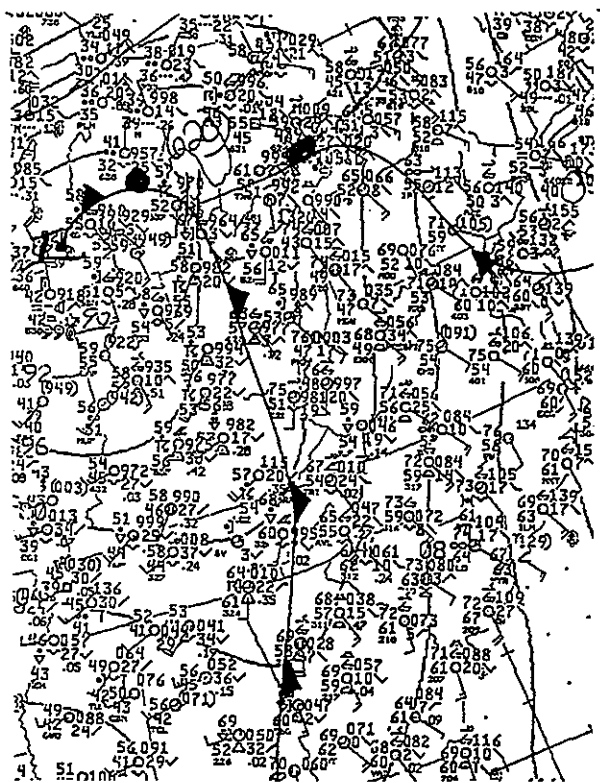
**SIGNIFICANT WIND EVENTS**

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG	
APR 15	1100	WIND DAMAGE	KY	JESSAMINE CO.		-	1	---	
APR 15	1600	79 MPH GUST	MI	CALHOUN..1	NE ALBION	-	-	---	
APR 15	1635	WIND DAMAGE	GA	FLOYD..ROME		1	-	---	
APR 15	1830	WIND DAMAGE	GA	MURRAY..2	S CHATSWORTH	-	-	---	
APR 15	1915	WIND DAMAGE	OH	LAWRENCE..	COAL GROVE	-	-	---	
APR 15	2100	WIND DAMAGE	OH	MUSKINGUM CO.		-	-	1 M	
APR 15	2115	WIND DAMAGE	OH	TUSCARAWAS CO.		-	-	1 M	
APR 15	2200	WIND DAMAGE	OH	CARROLL..	CARROLLTON	-	-	1 M	
<b>8 TOTAL</b>							1	4	3M

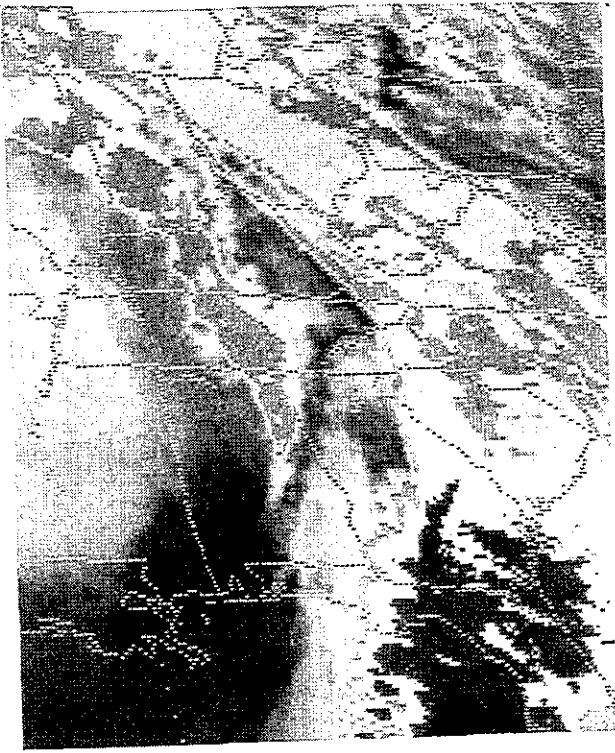


SURFACE MAP 00Z

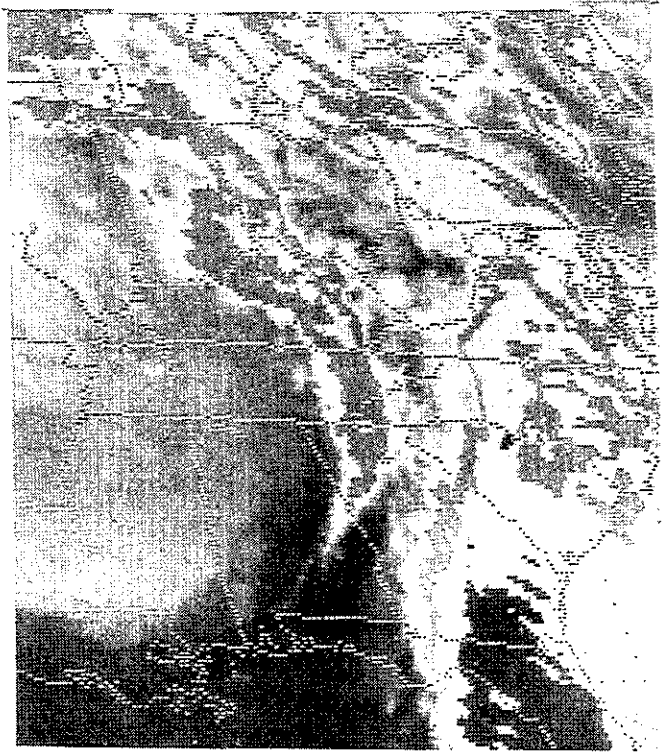
COMPOSITE MAP 00Z



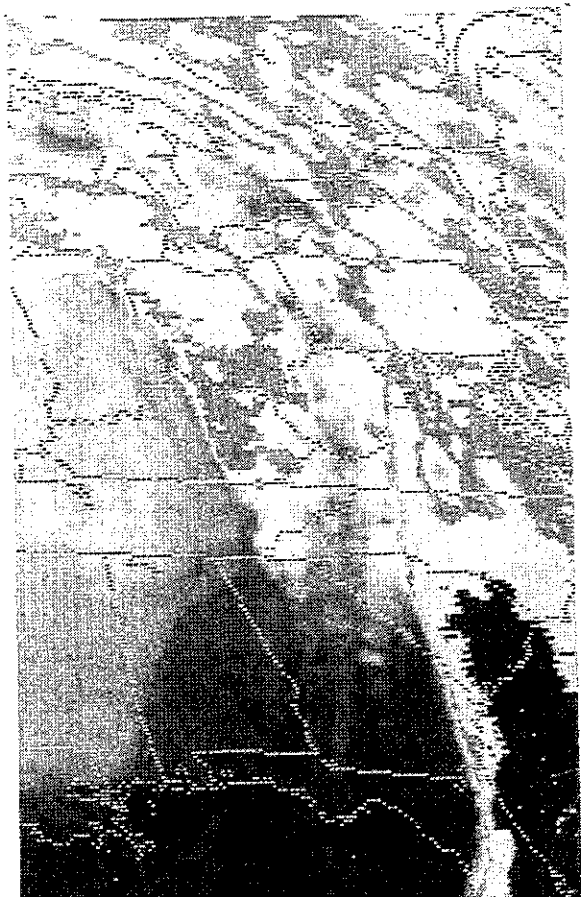
SATELLITE 21Z 15 APRIL



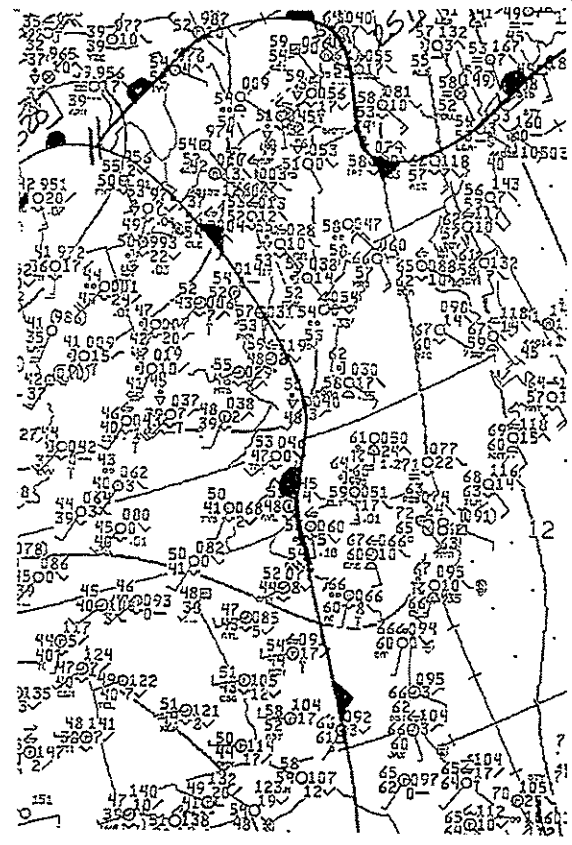
SATELLITE 00Z 16 APRIL

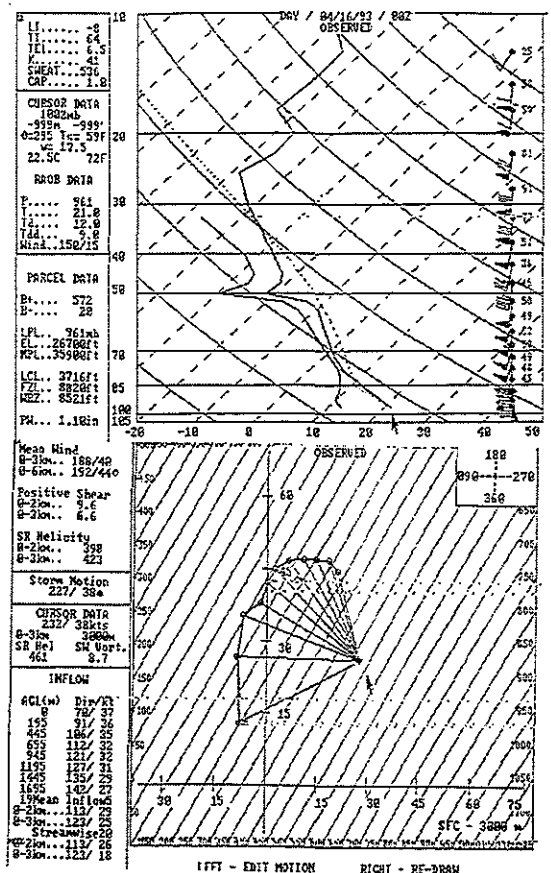
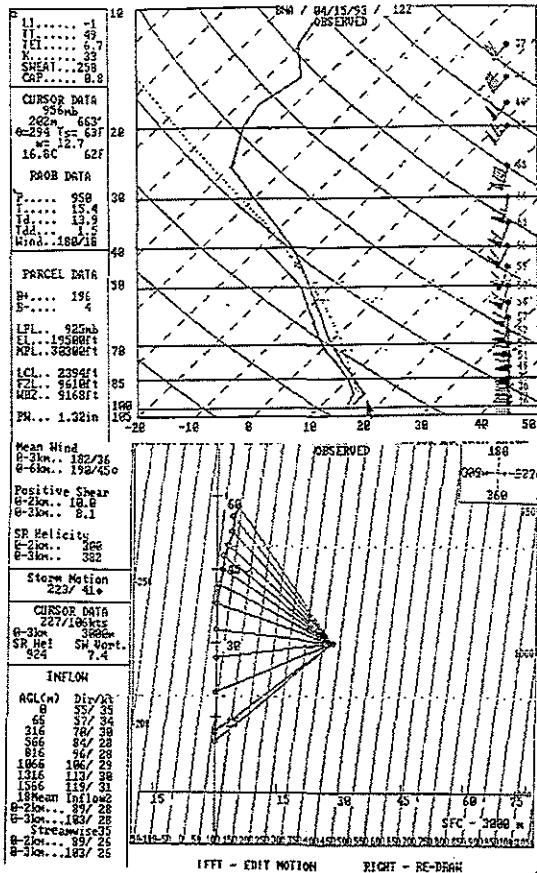
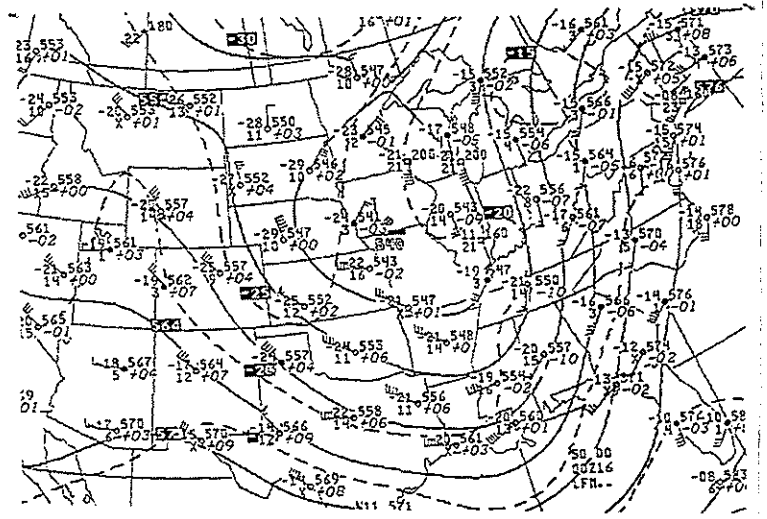
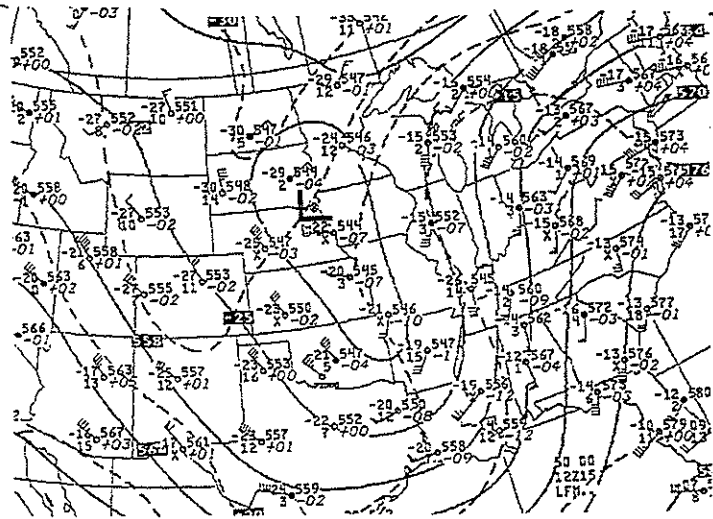


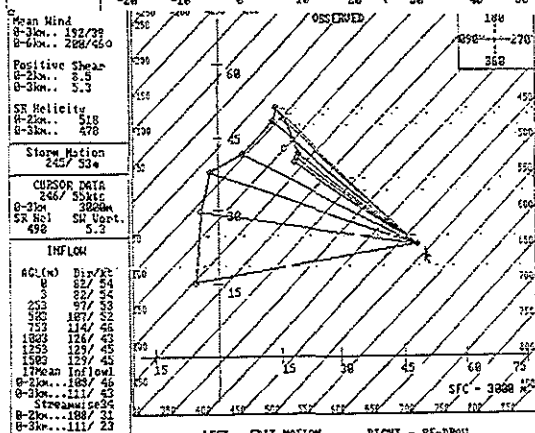
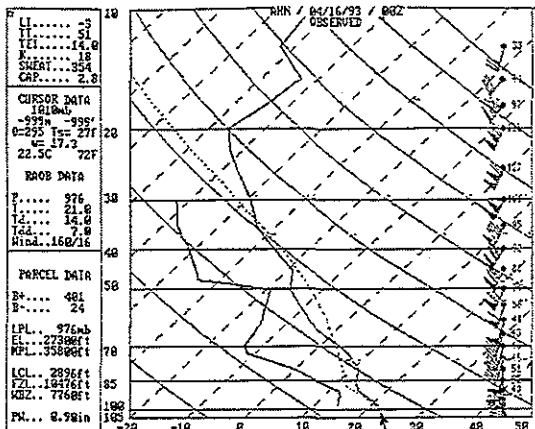
SATELLITE 04Z 16 APRIL



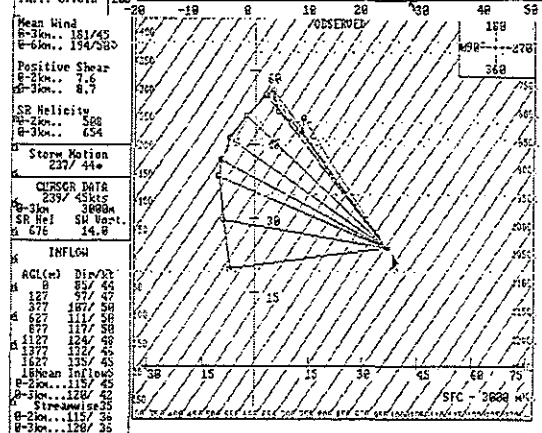
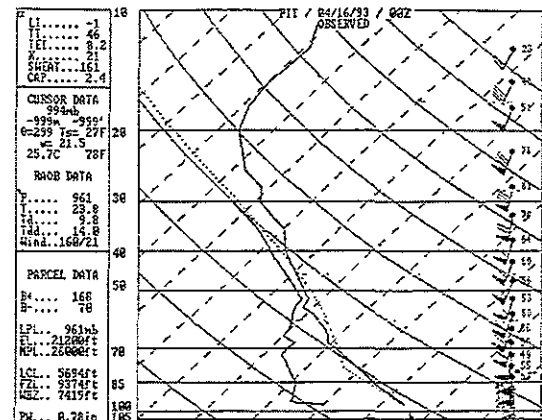
SURFACE MAP 09Z







LEFT - EDIT MOTION RIGHT - RE-DRAW



LEFT - EDIT MOTION RIGHT - RE-DRAW

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/19/93 - 0600CST 04/20/93

Total Non-Tornadoic Reports: 134

Large Hail Reports... 105      Damaging Wind Reports... 29

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	36	24	35	9	0	0	105
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

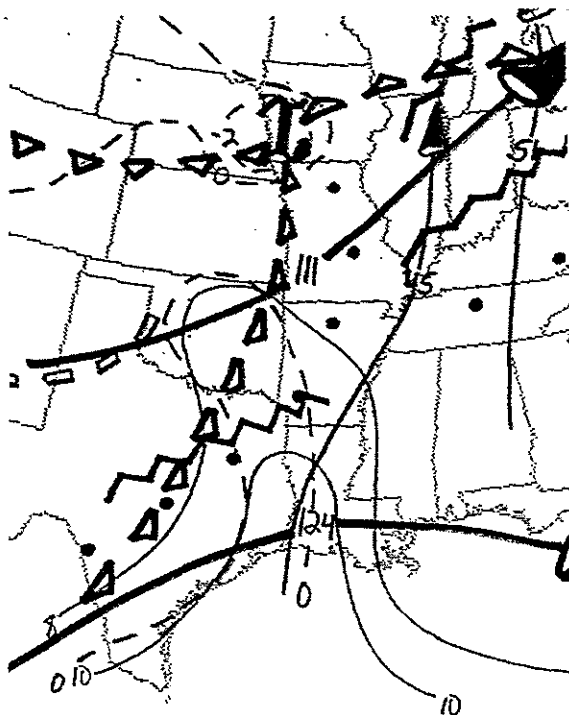
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	14	12	3	0	0	0	29
Fatalities	0	0	0	0	0	0	0
Injuries	2	0	0	0	0	0	2

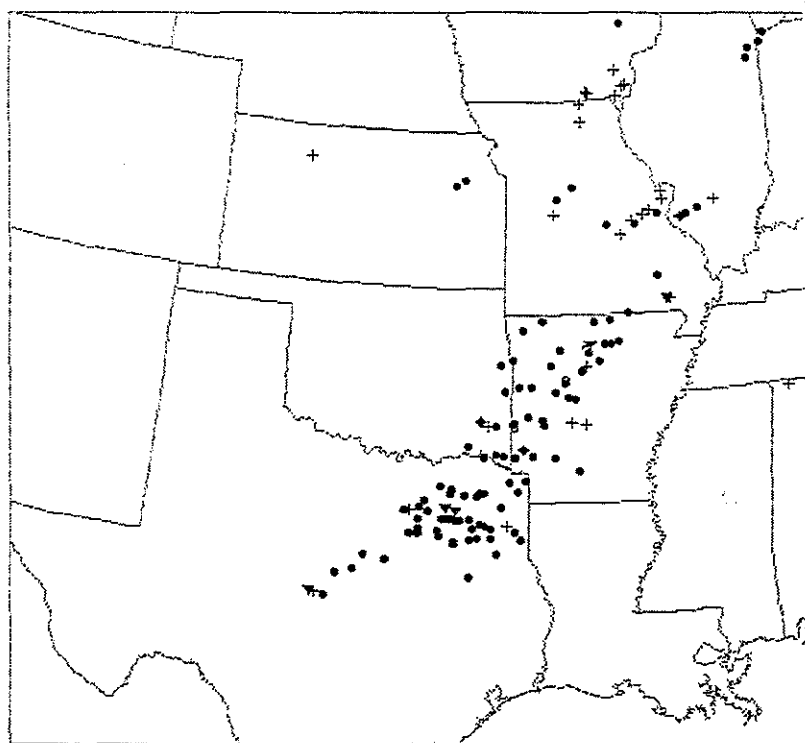
Number of Tornado Segments: 6

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	1	1	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	4	0	0	0	4



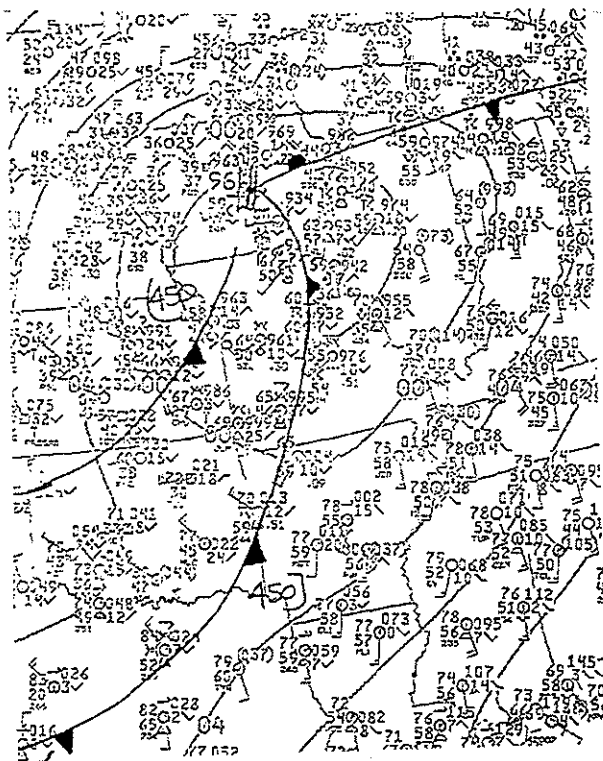
ALL SEVERE REPORTS



0600CST 04/19/93 - 0600CST 04/20/93

SEVER

SURFACE MAP 00Z





SIGNIFICANT EVENTS MAP

MONDAY APRIL 19TH, 1993

SIGNIFICANT TORNADO EVENTS

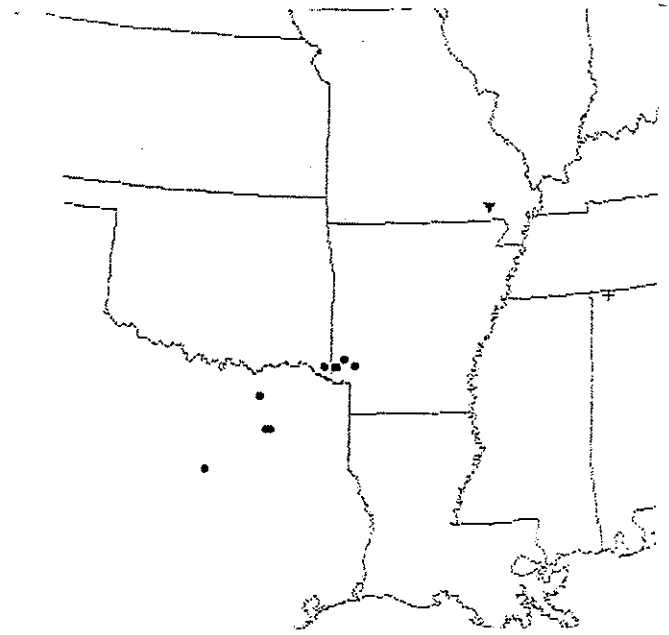
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
APR 19	2000	F-2	2.0	150	MO	POPLAR BLUFF	-	4	1 M
1 TOTAL							-	4	1 M

SIGNIFICANT HAIL EVENTS

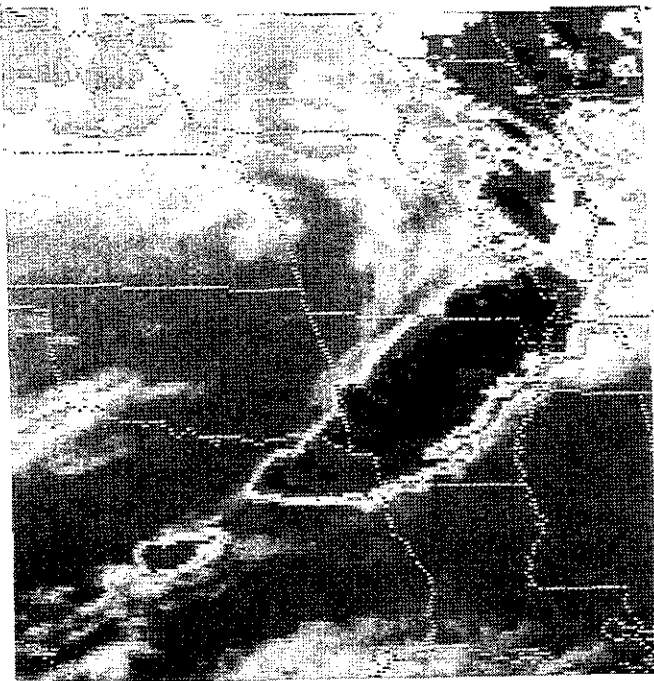
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
APR 19	1745	2.00 INCH	TX	HUNT...1 E CELESTE	-	----
APR 19	1820	2.00 INCH	TX	DALLAS (EASTERN)	-	----
APR 19	1918	2.75 INCH	OK	MCCURTAIN...HAWORTH	-	----
APR 19	1920	2.50 INCH	TX	VAN ZANDT...WILLS POINT	-	----
APR 19	1945	2.50 INCH	TX	VAN ZANDT...EDGEWOOD	-	----
APR 19	1957	2.75 INCH	AR	SEVIER...LOCKESBURG	-	----
APR 19	1958	2.75 INCH	AR	LITTLE RIVER...CROSS ROADS	-	----
APR 19	2015	2.75 INCH	TX	HILL...1 N LAKE WHITNEY	-	----
APR 19	2020	2.75 INCH	AR	HOWARD...5 N OKAY	-	----
9 TOTAL					-	----

SIGNIFICANT WIND EVENTS

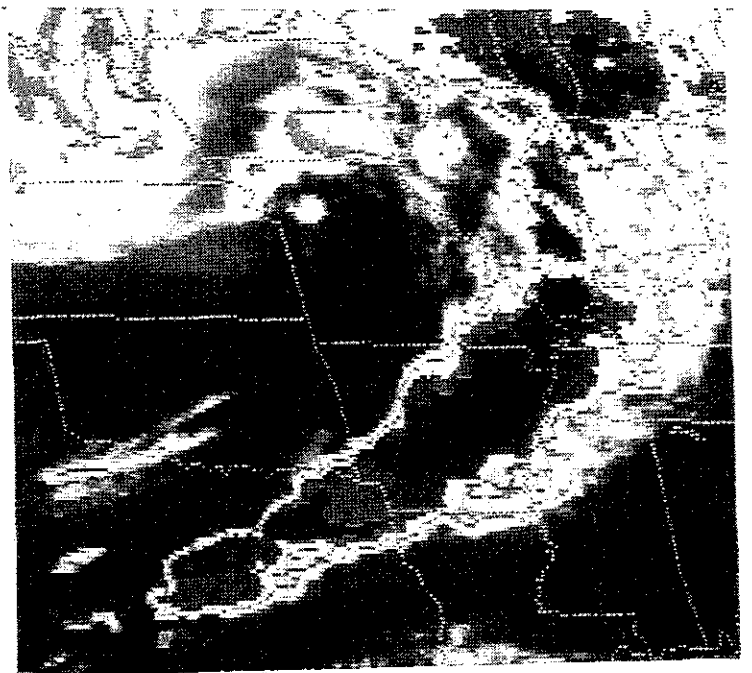
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
APR 19	1239	WIND DAMAGE	AL	LAUDERDALE	-	2	----
1 TOTAL					-	2	----



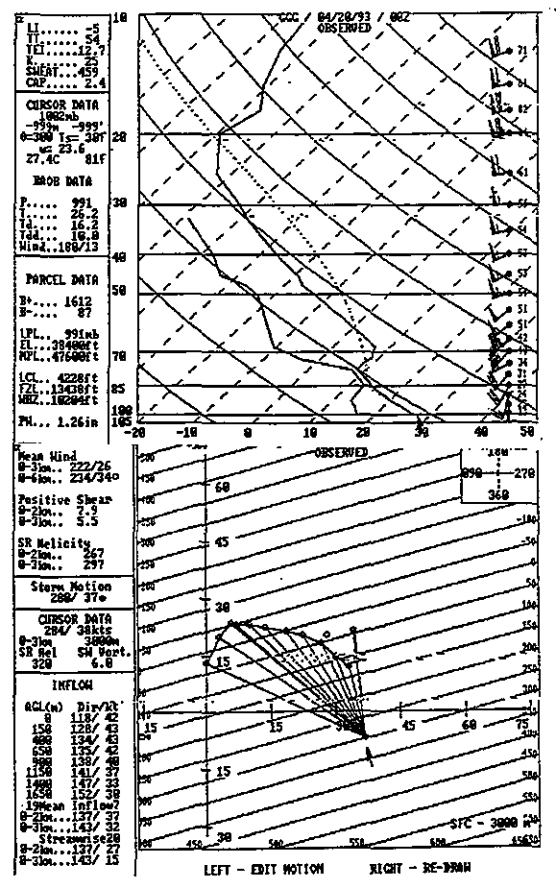
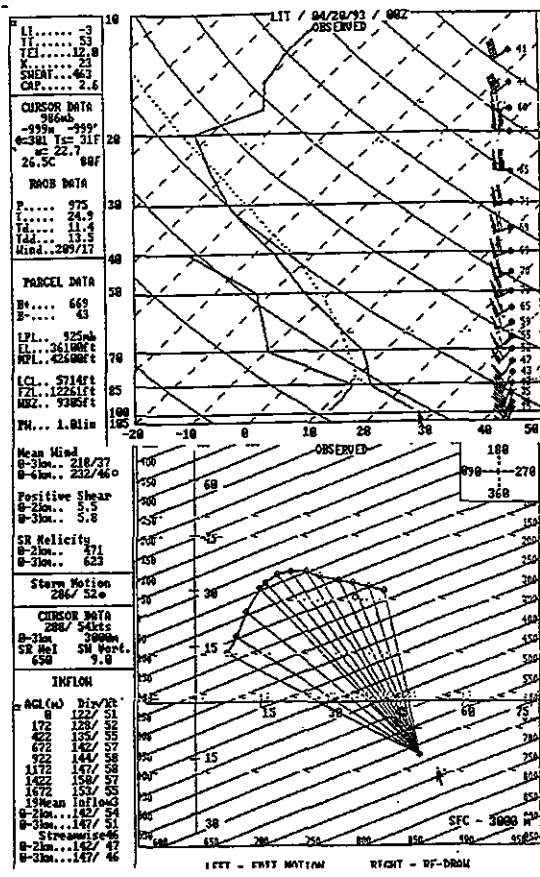
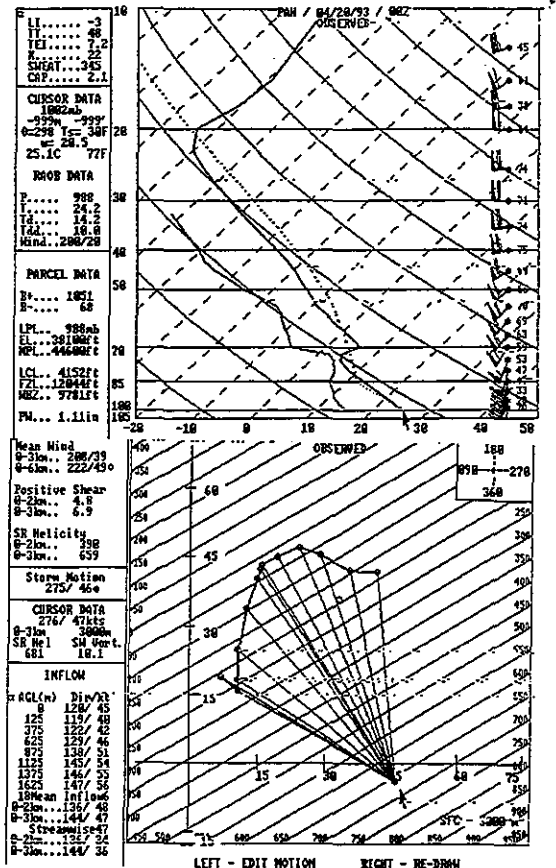
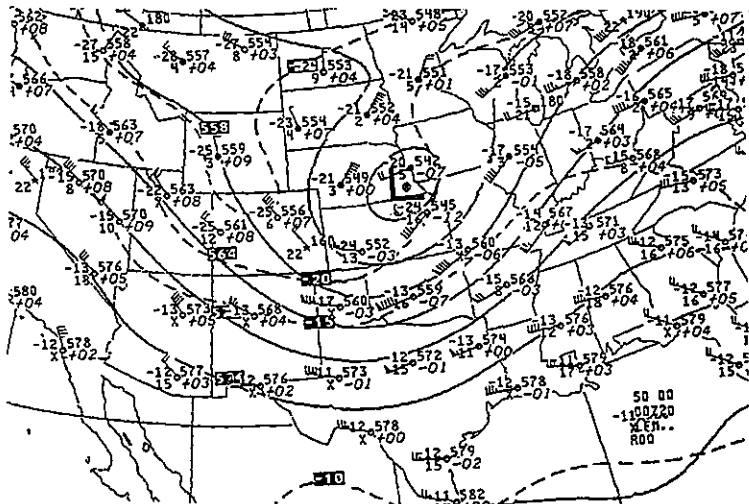
SATELLITE 01Z 20 APRIL



SATELLITE 0230Z 20 APRIL



500 MB 00Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/24/93 - 0600CST 04/25/93

Total Non-Tornadoic Reports: 112

Large Hail Reports... 86      Damaging Wind Reports... 26

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	42	15	22	7	0	0	86
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

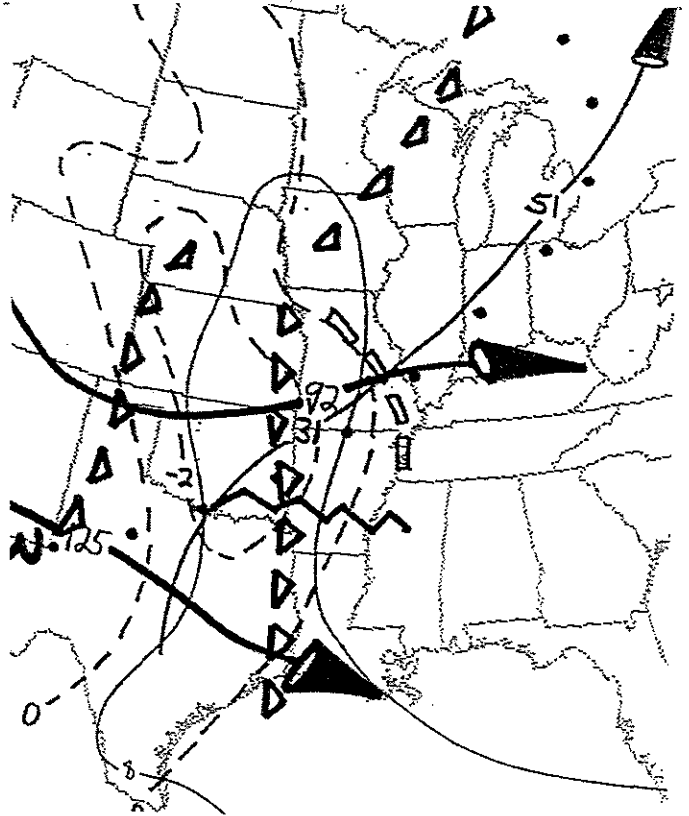
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	15	7	3	1	0	0	26
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

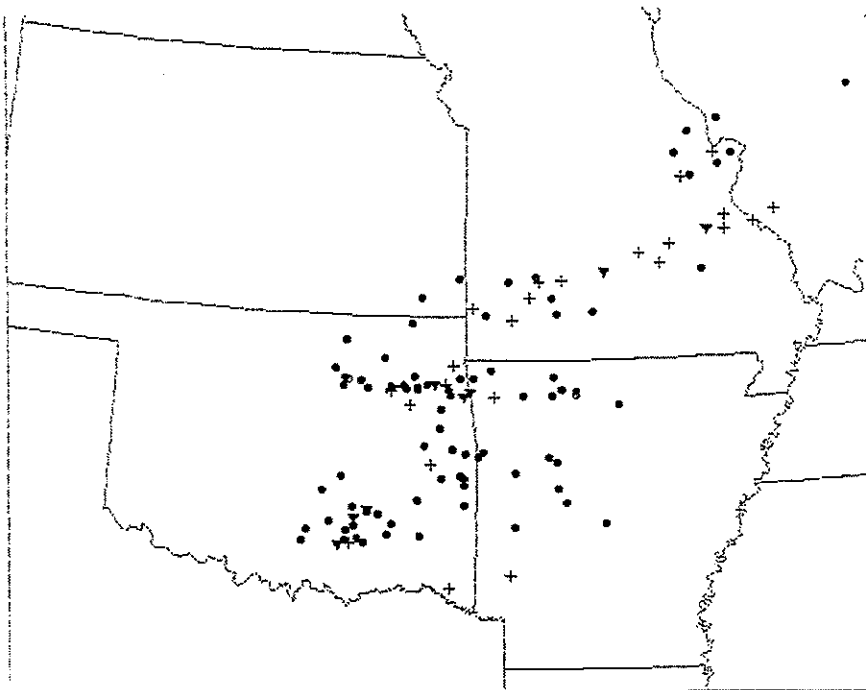
Number of Tornado Segments: 12

TORNADO SEGMENTS

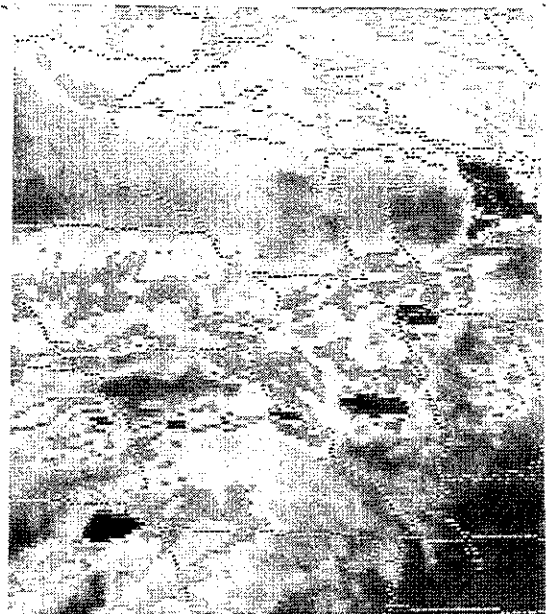
	F0	F1	F2	F3	F4	F5	TOT
Segments	7	1	1	1	2	0	12
Fatalities	0	0	0	0	7	0	7
Injuries	2	0	1	30	100	0	133



ALL SEVERE REPORTS



SATELLITE 2330Z 24 APRIL



0600CST 04/24/93 - 0600CST 04/25/93

SEVERE WEA

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/24/93 - 0600CST 04/25/93

Total Non-Tornadic Reports: 13

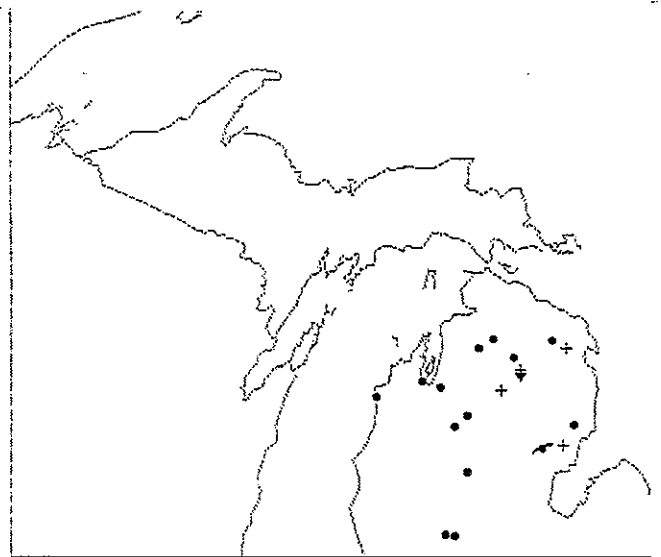
Large Hail Reports... 14      Damaging Wind Reports... 4

LARGE HAIL							
	075	100	150	200	300	400	TOT
Hail	7	4	1	2	0	0	14
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND							
	WNDG	50	60	70	80	90	TOT
Wind	3	0	0	0	0	1	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

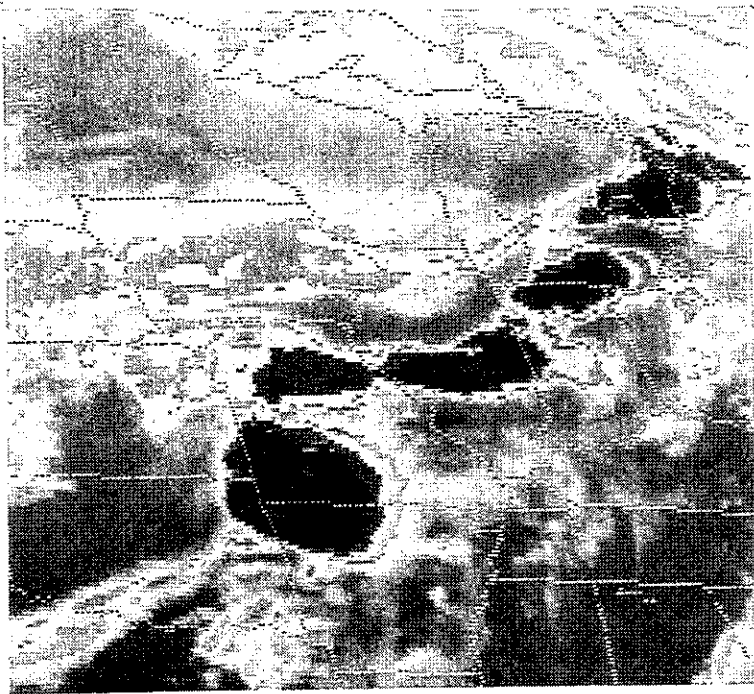
Number of Tornado Segments: 3

TORNADO SEGMENTS							
	F0	F1	F2	F3	F4	F5	TOT
Segments	0	1	2	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	3	0	0	0	3

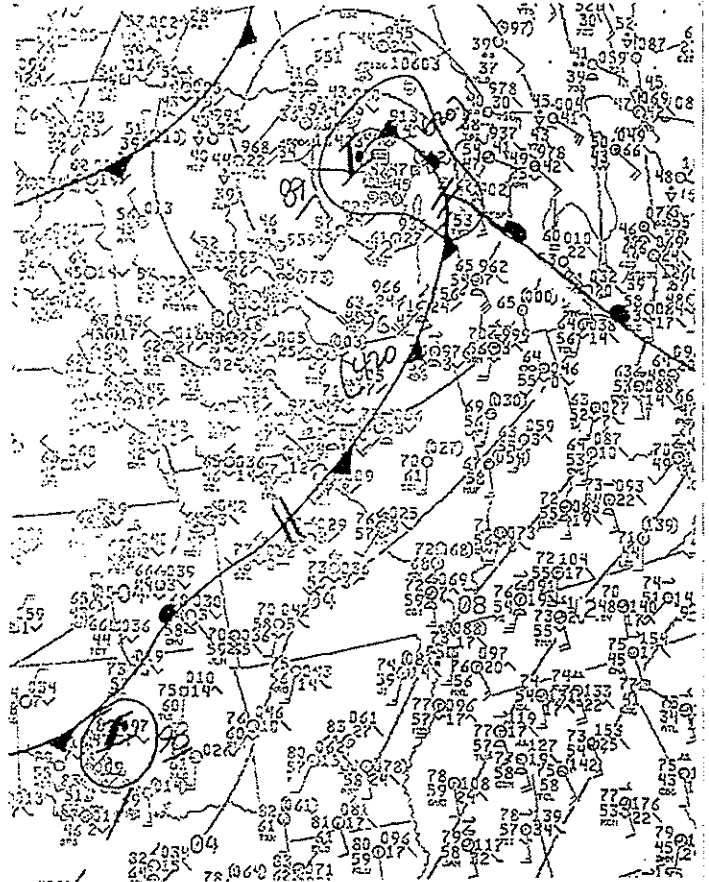


0600CST 04/24/93 - 0600CST 04/25/93

SATELLITE 01Z 25 APRIL



SURFACE MAP 21Z



# SATURDAY APRIL 24TH, 1993

## SIGNIFICANT TORNADO EVENTS

DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
APR 24	1722	F-2	7.0 440	MI	ARENAC/OGEMAW	-	3	---
APR 24	1750	F-4	5.5 250	OK	TULSA-CATOOSA	7	100	100 M
APR 24	1757	F-3	8.0 250	OK	CATOOSA	-	30	10 M
APR 24	2215	F-0	0.5 45	MO	COMPETITION	-	2	---
<b>4 TOTAL</b>						<b>7</b>	<b>135</b>	<b>110 M</b>

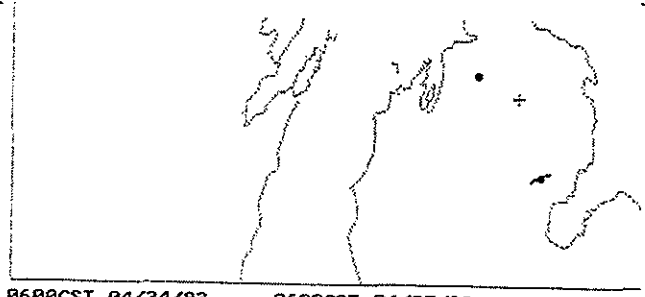
## SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG	
APR 24	1600	2.00 INCH	MI	OTSEGO..ELMIRA	-	---	
APR 24	1730	2.25 INCH	MI	OGEMAW..SKIDWAY LAKE	-	---	
APR 24	1753	2.00 INCH	OK	ROGERS..CATOOSA	-	---	
APR 24	1800	2.00 INCH	OK	ROGERS..CATOOSA	-	---	
APR 24	1816	2.75 INCH	OK	ROGERS..10 E CATOOSA	-	---	
APR 24	1818	2.00 INCH	OK	ROGERS..CATOOSA	-	---	
APR 24	1843	2.00 INCH	OK	ROGERS..INOLA	-	---	
APR 24	1846	2.75 INCH	OK	MAYES..2 NW LOCUST GROVE	-	---	
<b>8 TOTAL</b>						<b>-</b>	<b>---</b>

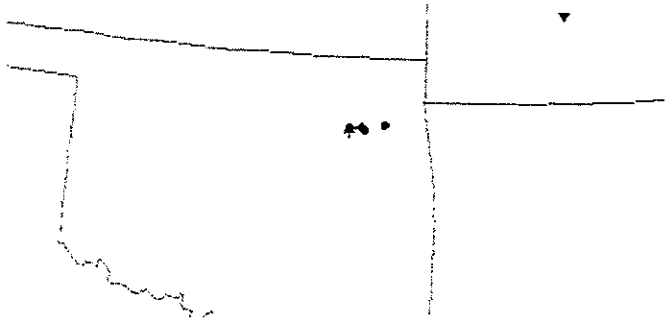
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY..LOCATION	KIL	INJ	DMG
APR 24	1640	100 MPH GUST	MI	MONTMORENCY..LEWISTON	-	---	---
APR 24	1640	100 MPH GUST	MI	OSCODA..2 S LEWISTON	-	---	---
APR 24	1800	WIND DAMAGE	OK	ROGERS..CATOOSA	-	---	1 M
APR 24	1826	90 MPH GUST	OK	ROGERS..3 NW INOLA	-	---	---
<b>4 TOTAL</b>						<b>-</b>	<b>1 M</b>

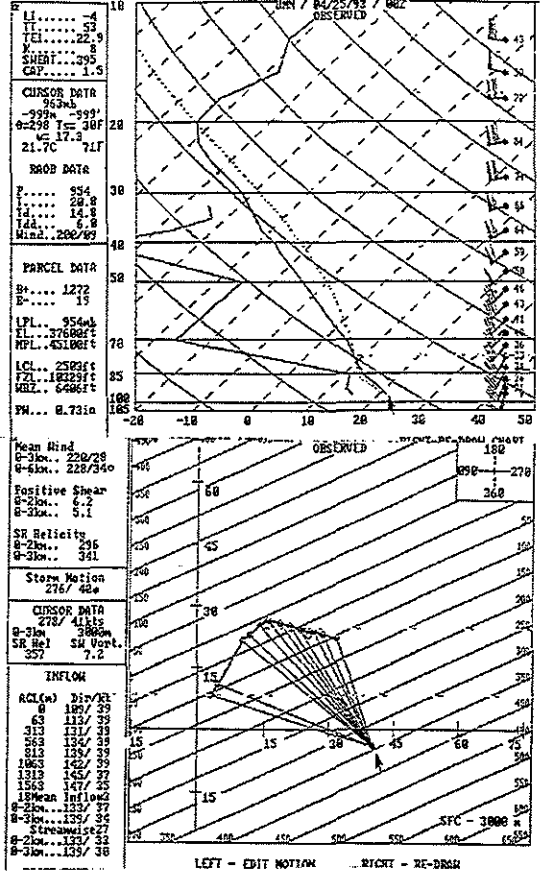
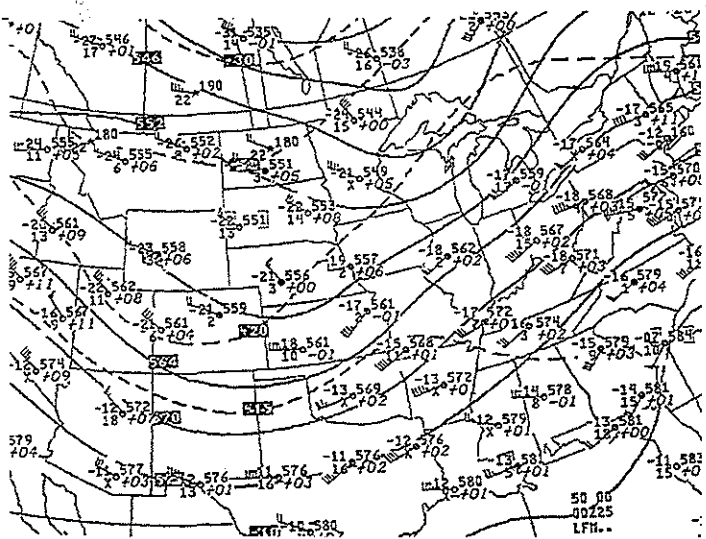
## SIGNIFICANT EVENTS MAP

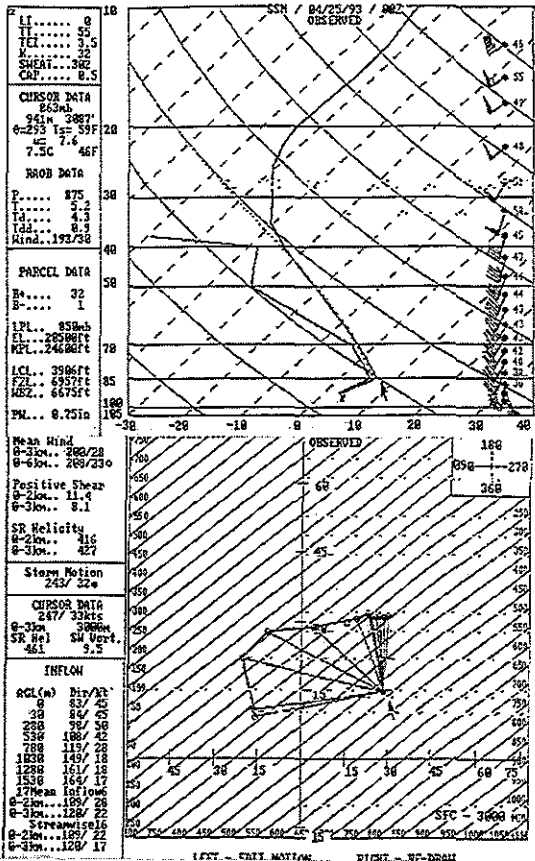
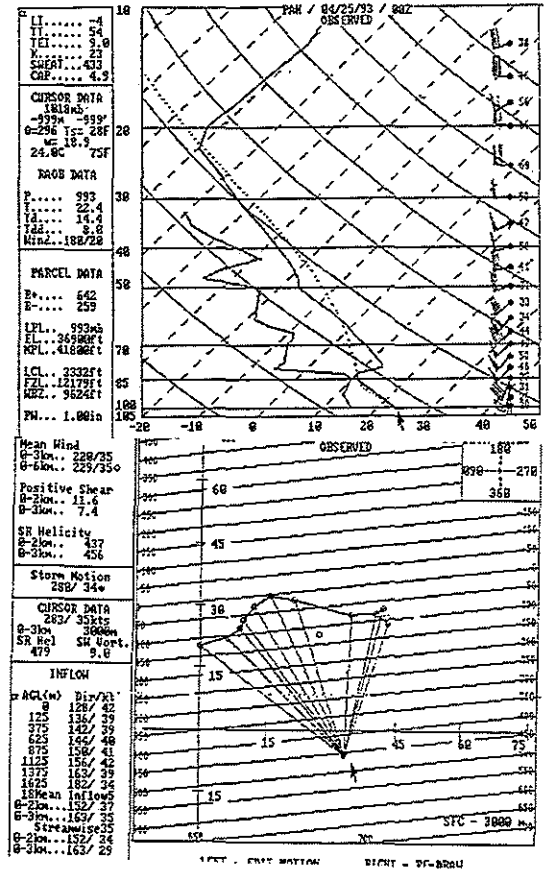
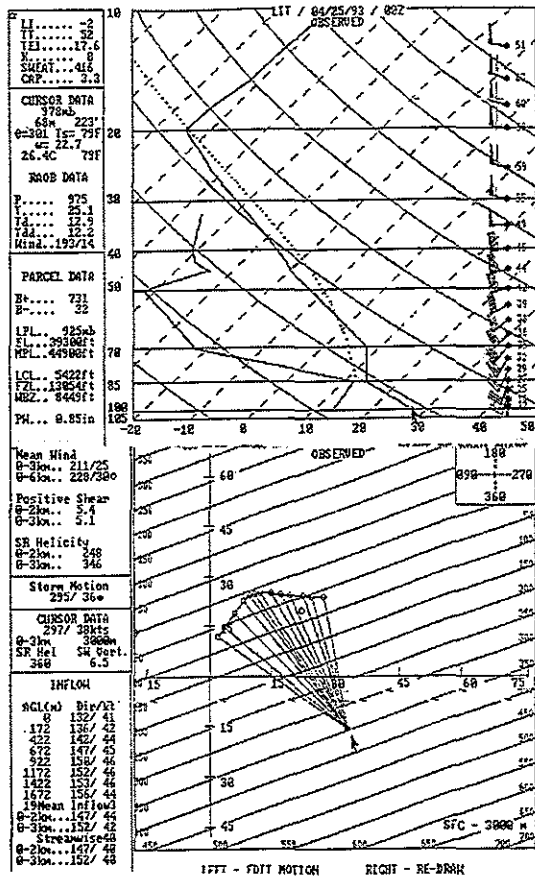


## SIGNIFICANT EVENTS MAP



## 500 MB 00Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/28/93 - 0600CST 04/29/93

Total Non-Tornadoic Reports: 85

Large Hail Reports... 58      Damaging Wind Reports... 27

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	16	19	22	1	0	0	58
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

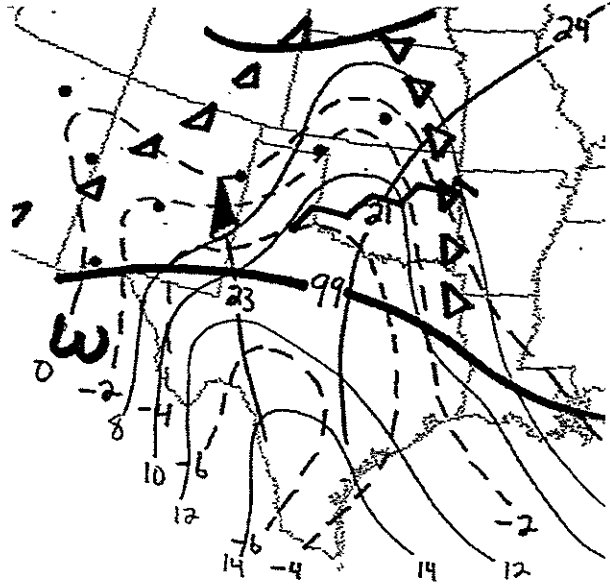
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	10	12	4	1	0	0	27
Fatalities	0	0	0	0	0	0	0
Injuries	2	0	0	0	0	0	2

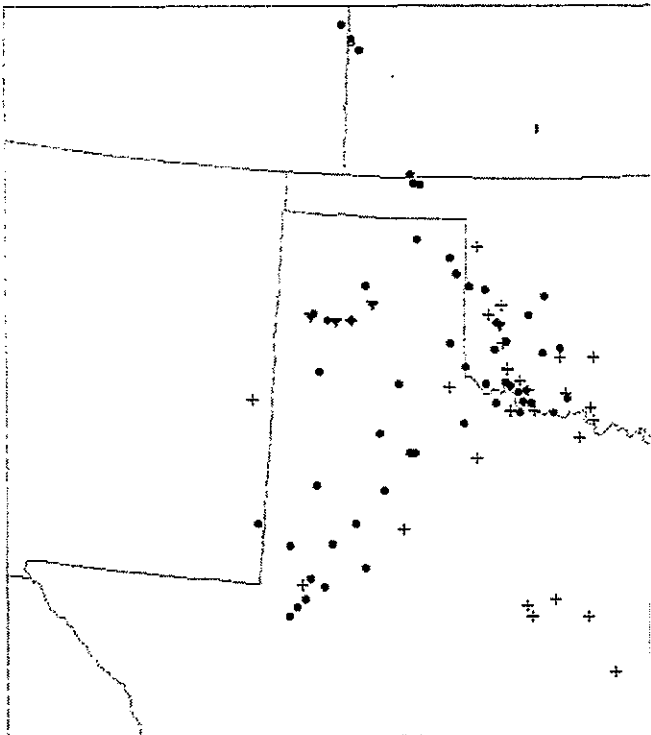
Number of Tornado Segments: 5

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	1	0	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

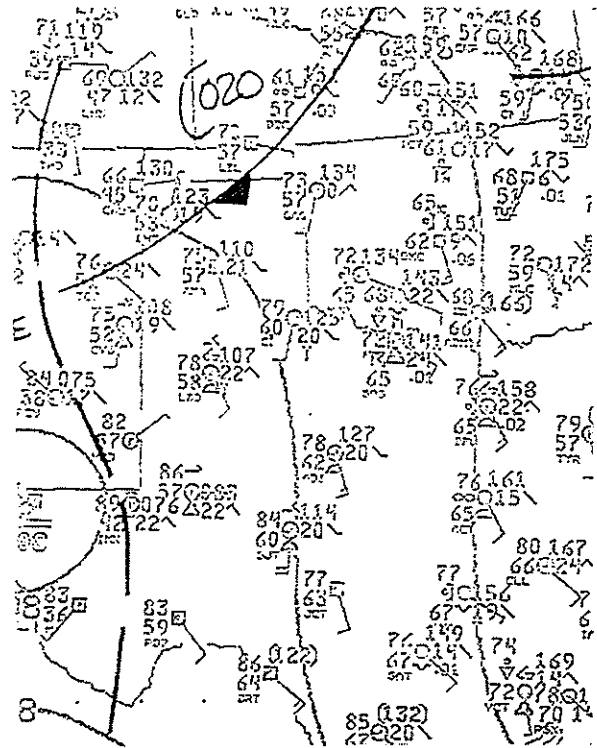


ALL SEVERE REPORTS



0600CST 04/28/93 - 0600CST 04/29/93

SURFACE MAP 21Z



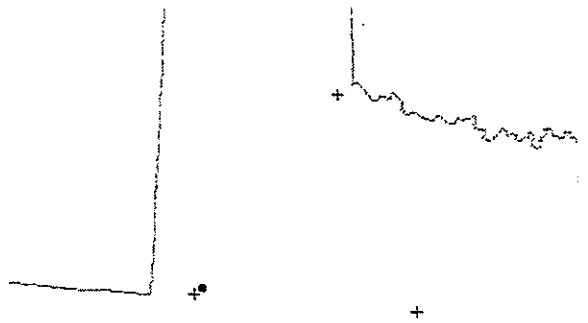
WEDNESDAY APRIL 28TH, 1993

SIGNIFICANT RAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
APR 28	1612	2.75 INCH	TX-WC	MIDLAND..12 NW MIDLAND	-	---
1 TOTAL						

SIGNIFICANT WIND EVENTS

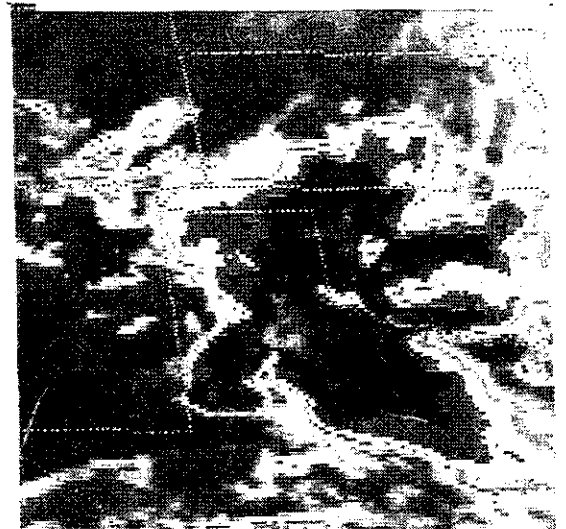
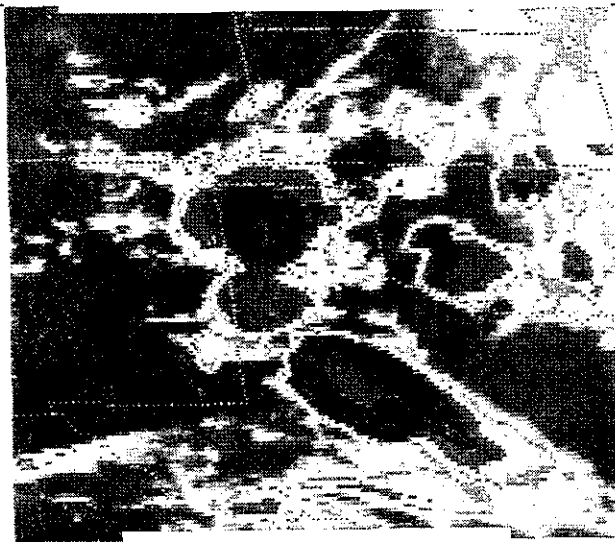
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
APR 28	1608	75 MPH GUST	TX-WC	ECTOR. .GARDENDALE	-	-	---
APR 28	2015	86 MPH GUST	TX-NW	CHILDRESS..CAREY	-	-	---
APR 28	2021	87 MEH GUST	TX-NW	CHILDRESS..CHILDRESS	-	-	---
3 TOTAL							



4/28/93 - 0600CST 04/29/93

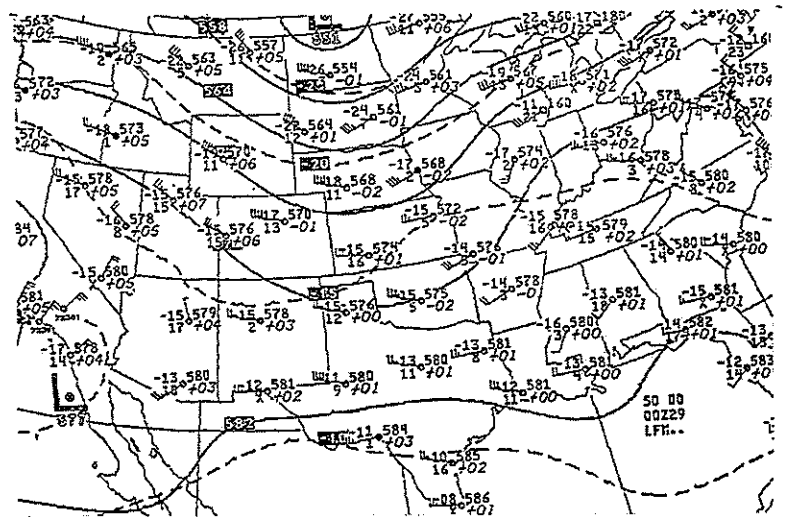
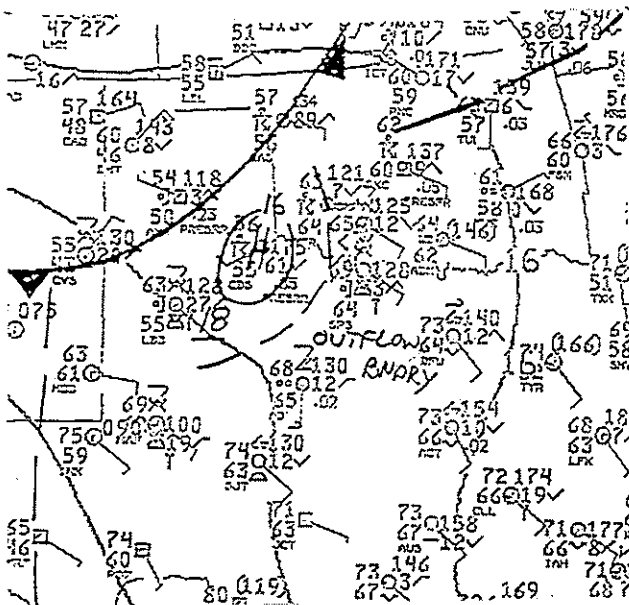
SATELLITE 2330Z 28 APRIL

SATELLITE 0130Z 28 APRIL

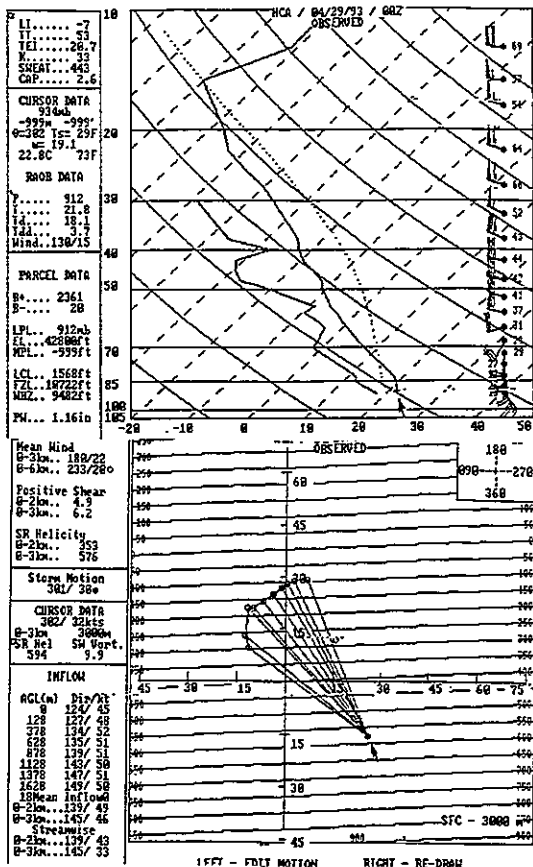
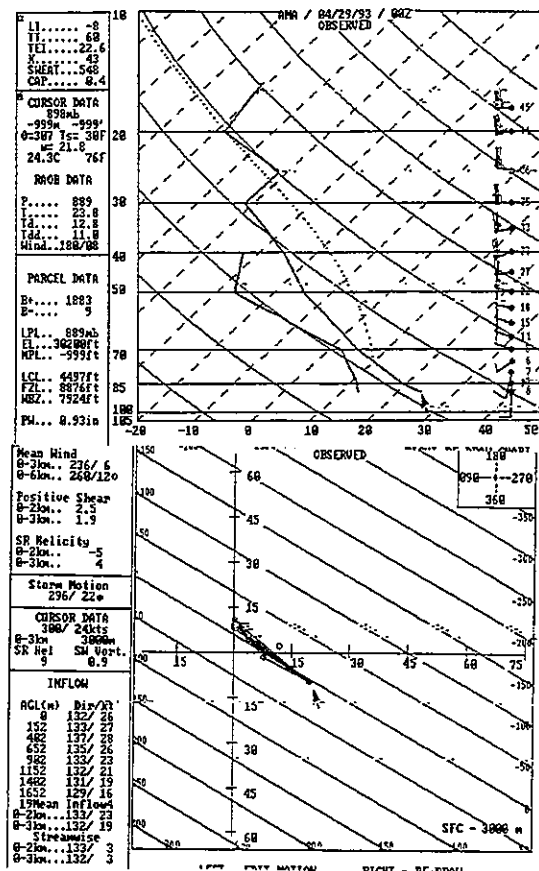
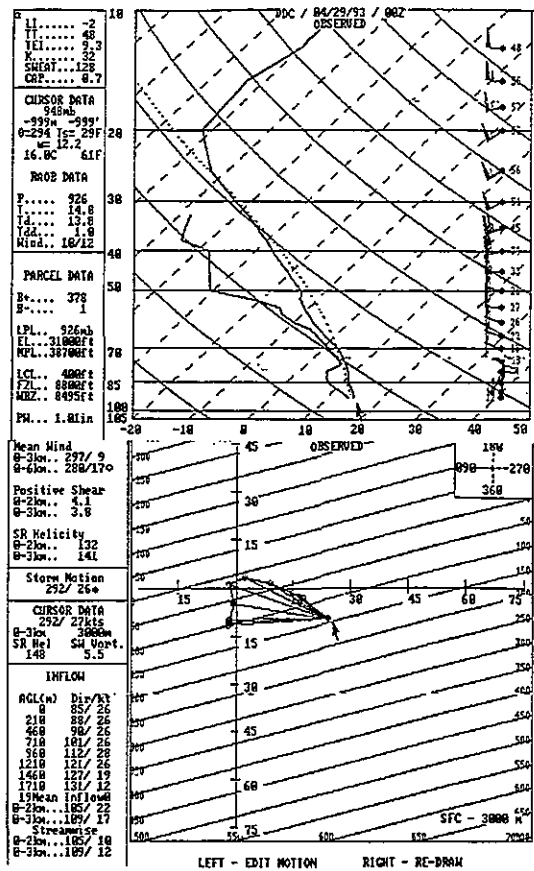


SURFACE MAP 03Z

500 MB 00Z







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 04/30/93 - 0600CST 04/31/93

Total Non-Tornadic Reports: 59

Large Hail Reports... 55      Damaging Wind Reports... 4

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	15	20	14	4	0	2	55
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

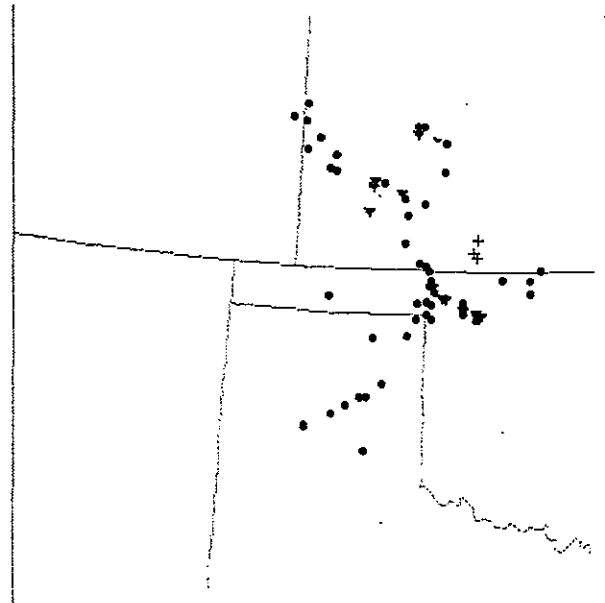
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	0	1	2	1	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 14

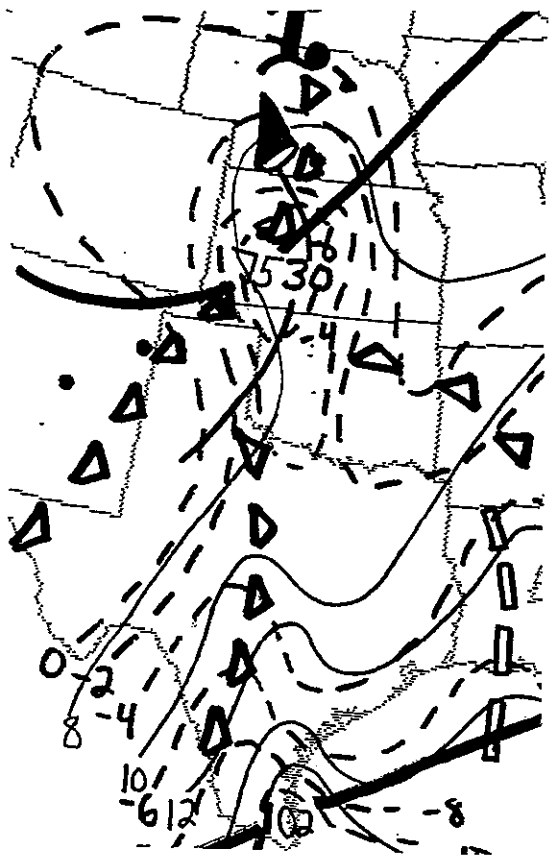
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	12	1	1	0	0	0	14
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

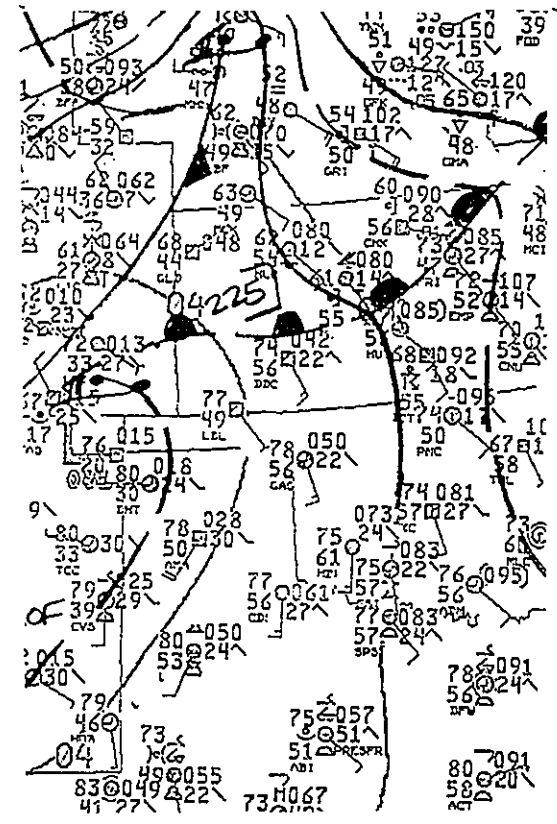


0600CST 04/30/93 - 0600CST 04/31/93

COMPOSITE MAP 00Z



SURFACE MAP 21Z



# FRIDAY APRIL 30TH, 1993

## SIGNIFICANT TORNADO EVENTS

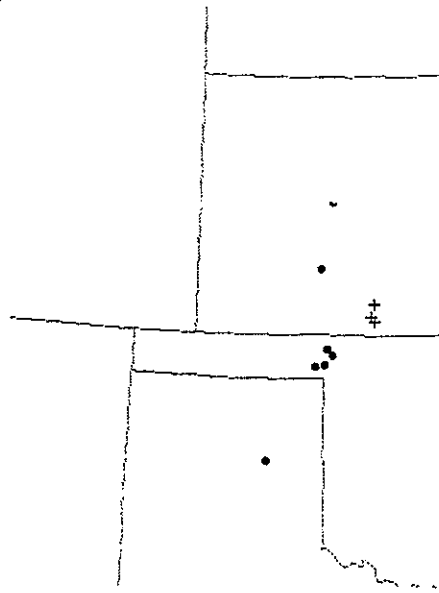
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
APR 30	1750	F-2	4.0	50	KS	NESS..4 N NESS CITY	-	-	----
<b>1 TOTAL</b>							-	-	----

## SIGNIFICANT HAIL EVENTS

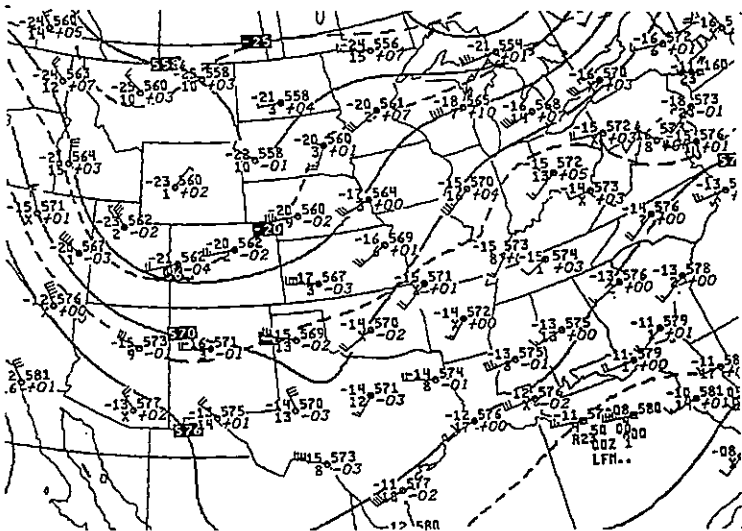
DATE	TIME	EVENT	STATE	COUNTY..	LOCATION	INJ	DMG	
APR 30	1610	2.50 INCH	OK	BEAVER..	SLAPOUT	-	----	
APR 30	1630	4.50 INCH	OK	HARPER..	5 SW LAVERNE	-	----	
APR 30	1635	2.75 INCH	TX	GRAY..	5 E PAMPA	-	----	
APR 30	1842	1.25 INCH	KS	FORD..	DODGE CITY	-	1 M	
APR 30	1850	2.75 INCH	KS	FORD..	DODGE CITY	-	----	
APR 30	1932	2.75 INCH	OK	HARPER..	1 E ROSSTON	-	----	
APR 30	1942	4.50 INCH	OK	HARPER..	6 SE ROSSTON	-	----	
<b>7 TOTAL</b>							-	1 M

## SIGNIFICANT WIND EVENTS

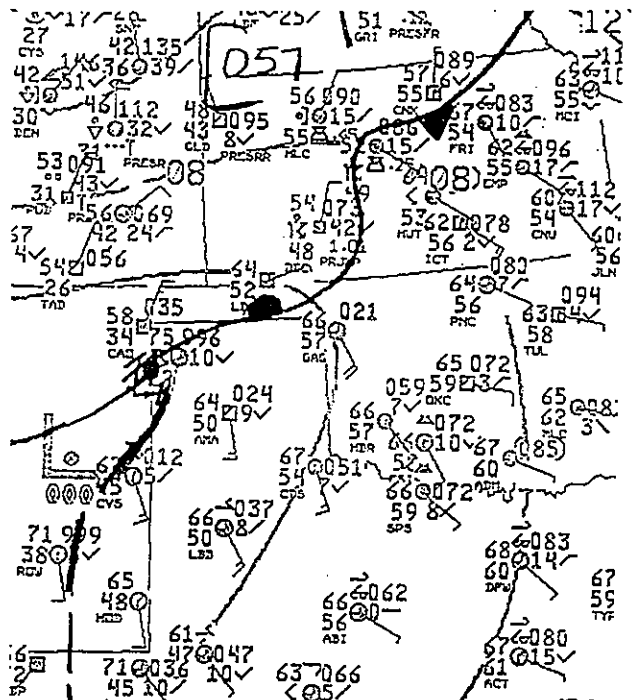
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
APR 30	2030	81 MPH GUST	KS	COMANCHE..	COLDWATER	-	-	----
APR 30	2045	81 MPH GUST	KS	COMANCHE/10	SE COLDWATER	-	-	----
APR 30	2100	92 MPH GUST	KS	COMANCHE..	2 NE WILMORE	-	-	----
<b>3 TOTAL</b>							-	----

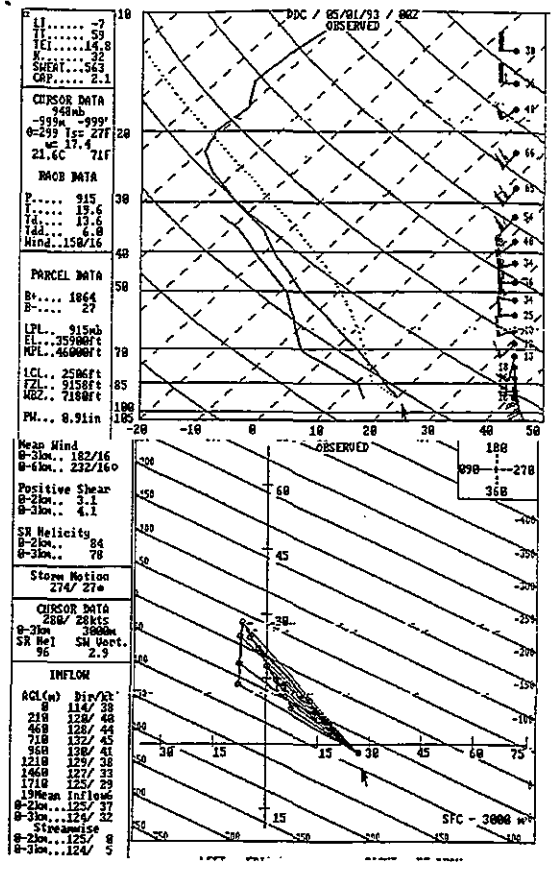
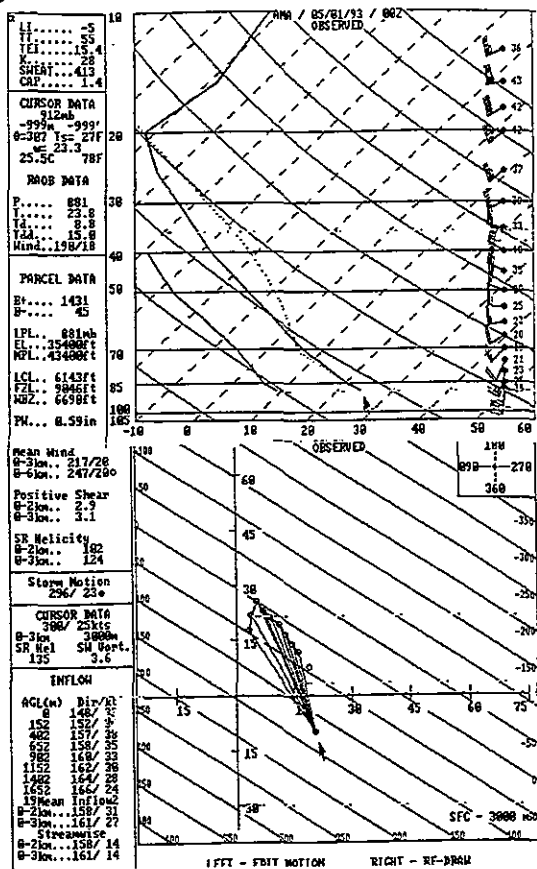
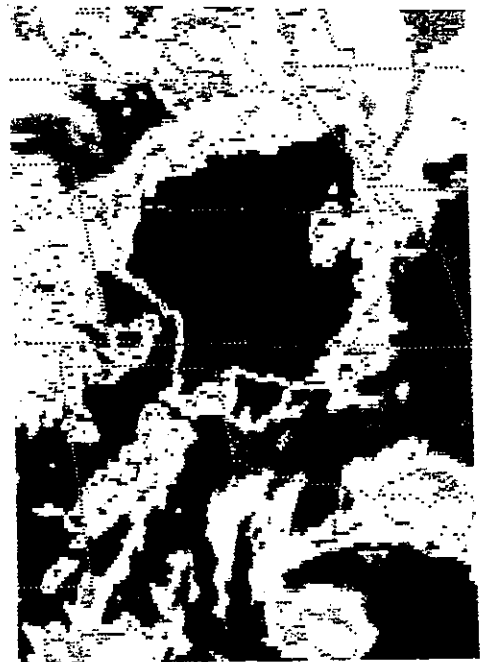


500 MB 00Z



SURFACE MAP 03Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/01/93 - 0600CST 05/02/93

Total Non-Tornadic Reports: 98

Large Hail Reports... 58      Damaging Wind Reports... 40

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	23	9	23	1	1	1	58
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

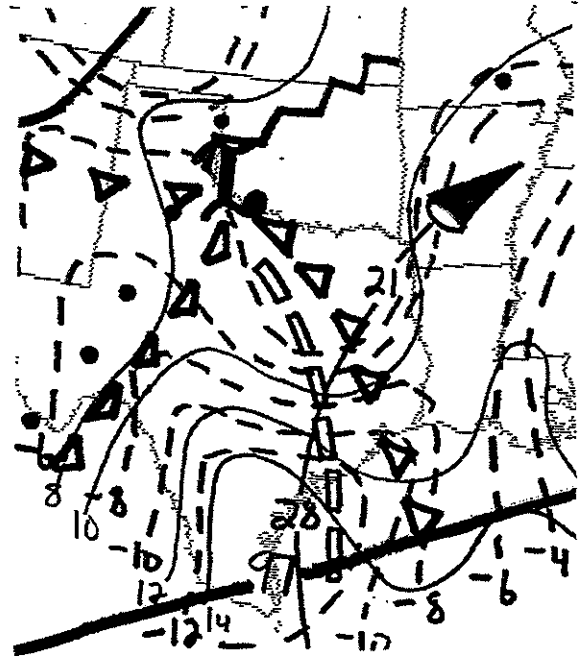
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	21	9	8	1	1	0	40
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

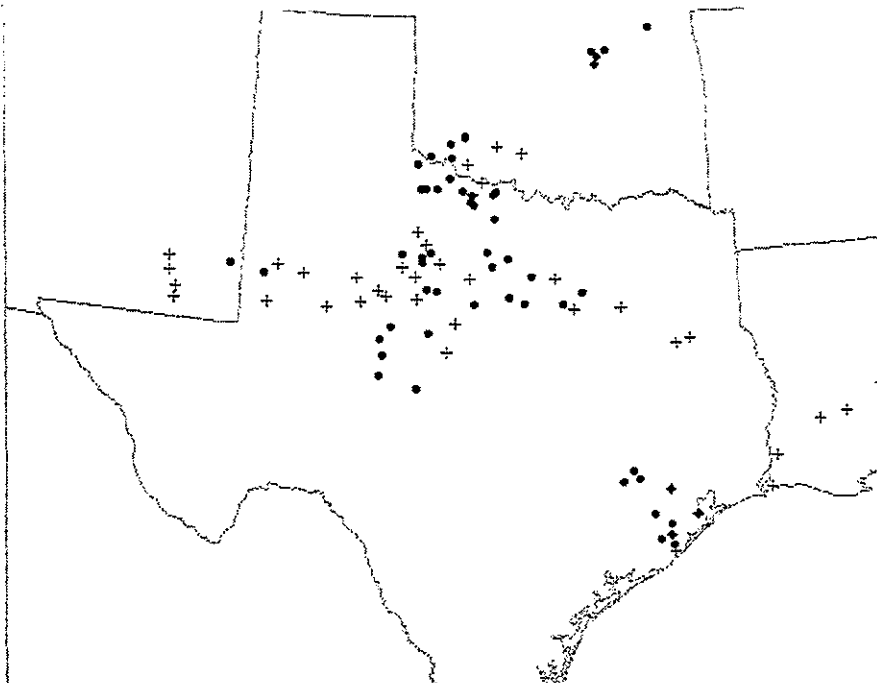
Number of Tornado Segments: 1

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 05/01/93 - 0600CST 05/02/93

SEVERE WEATH

SIGNIFICANT EVENTS MAP

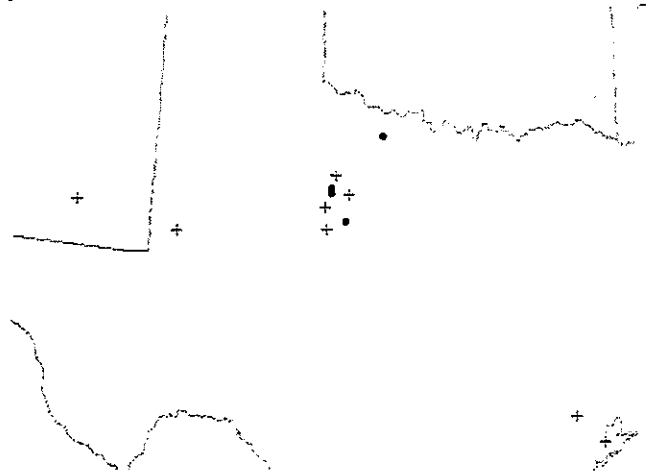
SATURDAY MAY 1ST, 1993

SIGNIFICANT RAIN EVENTS

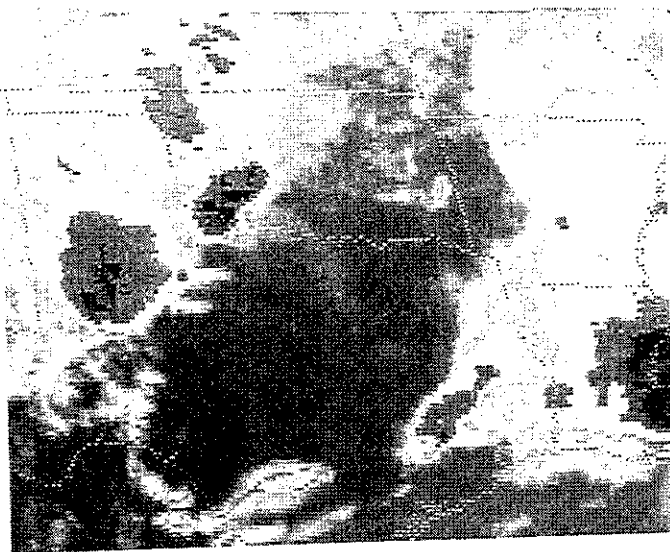
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
MAY 1	1845	4.50 INCH	TX	HASKELL...	2 N STAMFORD	-	---
MAY 1	1900	2.75 INCH	TX	JONES...	STAMFORD	-	---
MAY 1	1926	1.75 INCH	TX	JONES...	LEUDERS	-	1 M
3 TOTAL						-	1 M

SIGNIFICANT WIND EVENTS

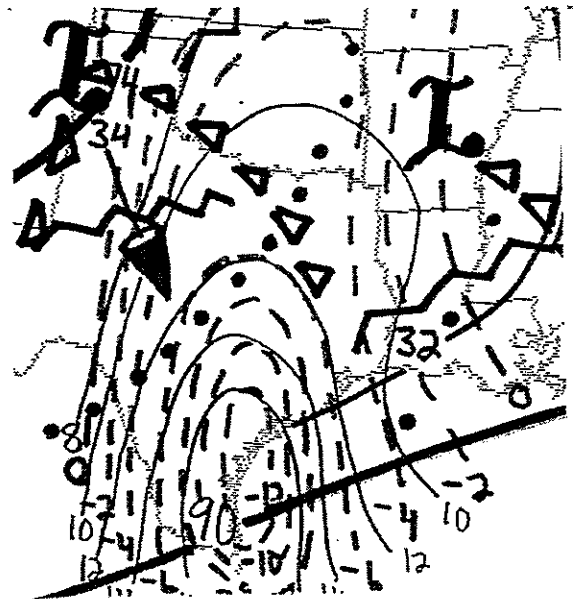
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
MAY 1	1425	87 MPH GUST	NM	EDDY...	LAKEWOOD	-	-	---
MAY 1	1620	76 MPH GUST	TX	ANDREWS...	ANDREWS	-	-	---
MAY 1	1800	79 MPH GUST	TX	JONES...	ANSON	-	-	---
MAY 1	1835	79 MPH GUST	TX	TAYLOR...	TYE	-	-	---
MAY 1	1900	79 MPH GUST	TX	JONES...	LEUDERS	-	-	---
MAY 1	1925	79 MPH GUST	TX	TARRANT...	ROCKMORTON CO.	-	-	---
MAY 2	0300	WIND DAMAGE	TX	HARRIS CO.		-	-	5 M
MAY 2	0402	98 MPH GUST	TX	GALVESTON CO.		-	-	5 M
8 TOTAL						-	-	10M



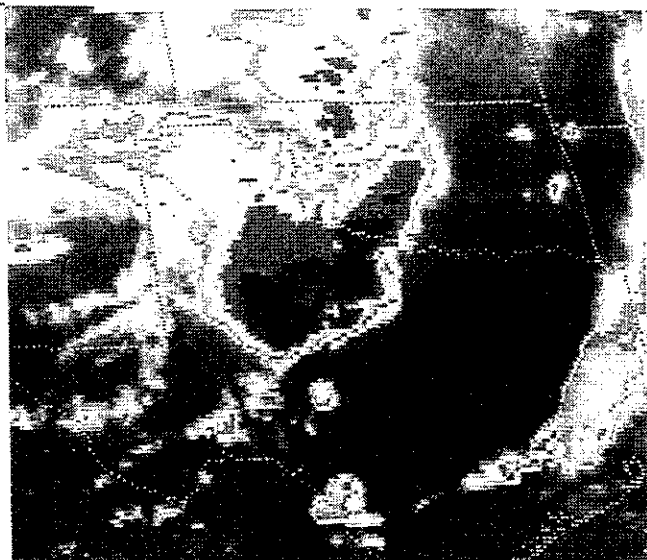
SATELLITE 23Z 1 MAY



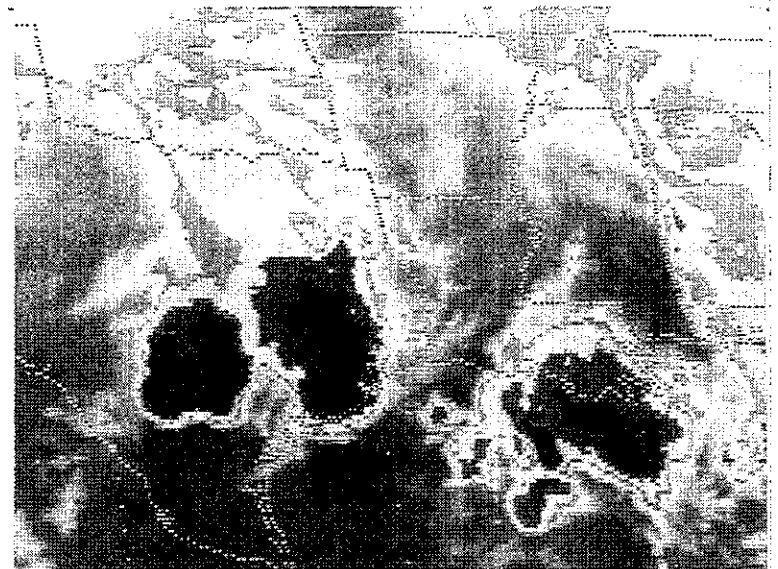
COMPOSITE MAP 00Z



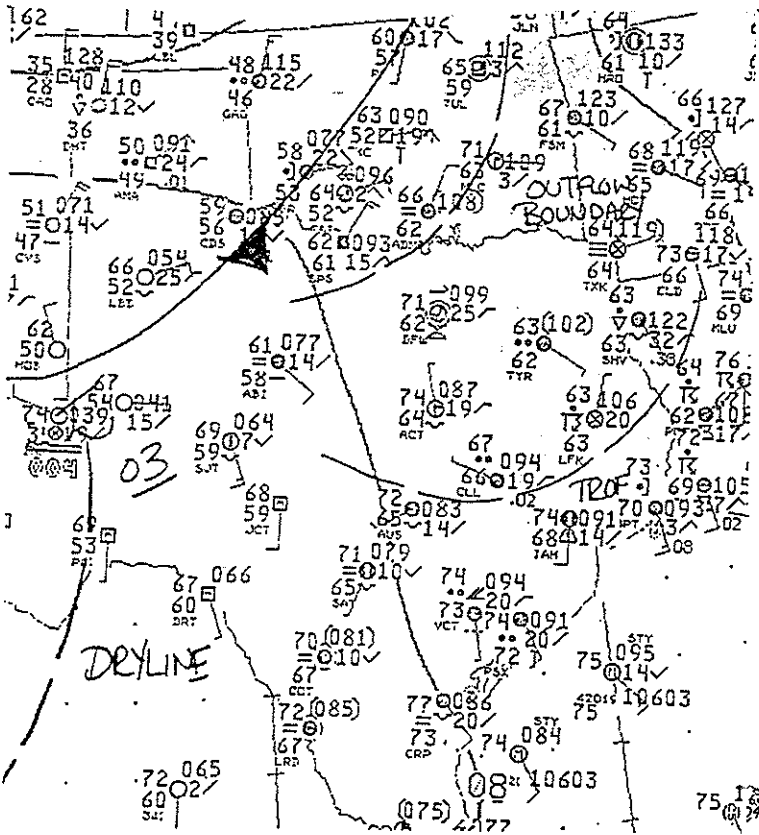
SATELLITE 0030Z 2 MAY



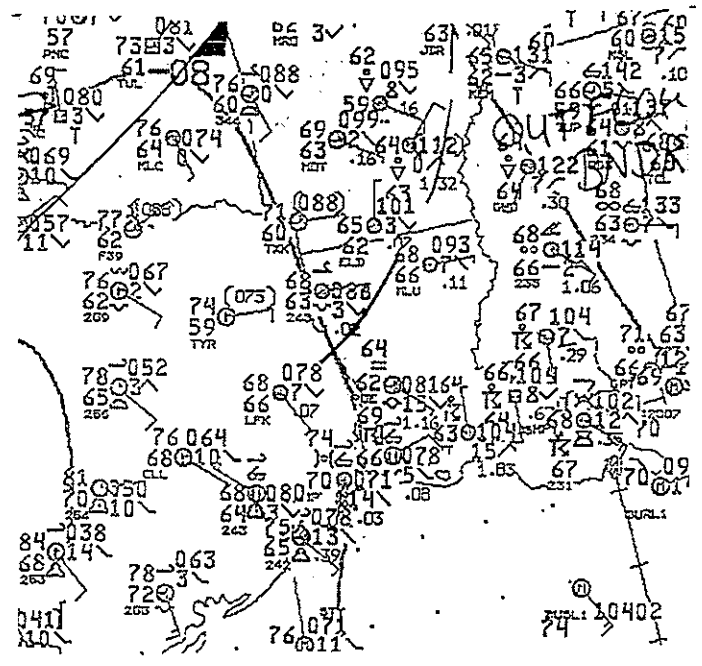
SATELLITE 10Z 2 MAY



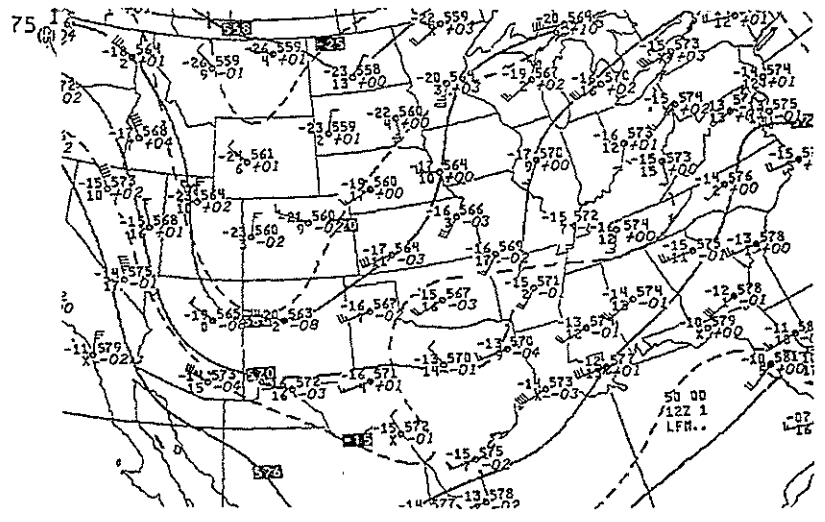
SURFACE MAP 15Z



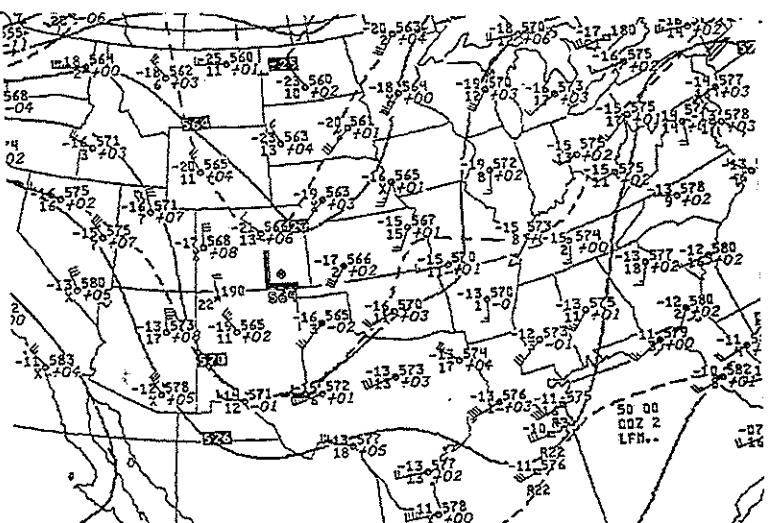
SURFACE MAP 00Z



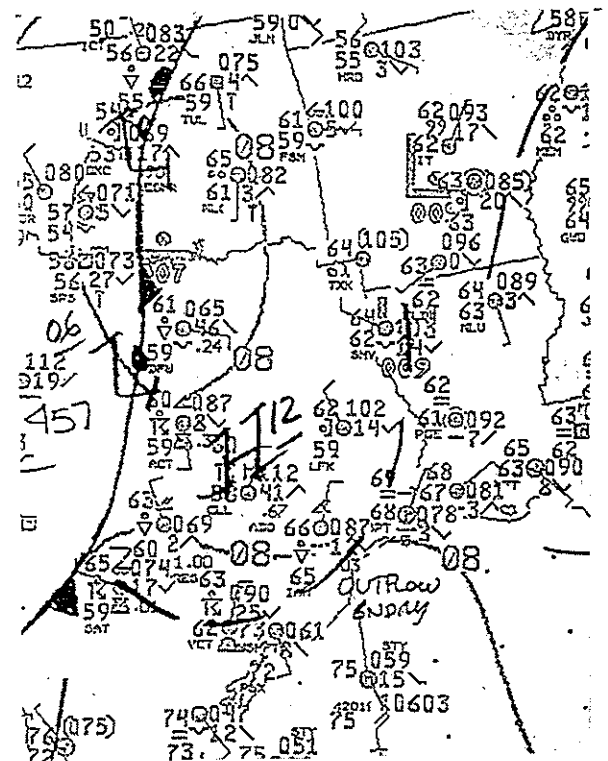
500 MB 12Z

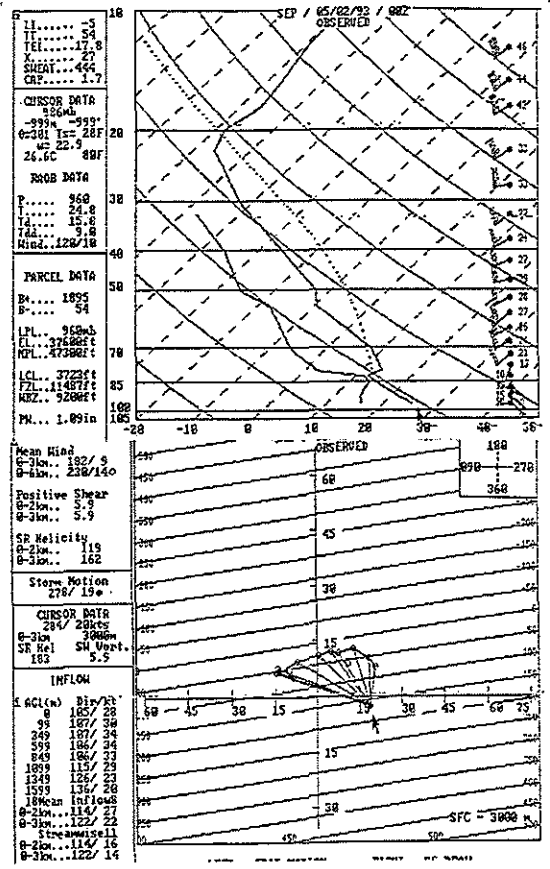
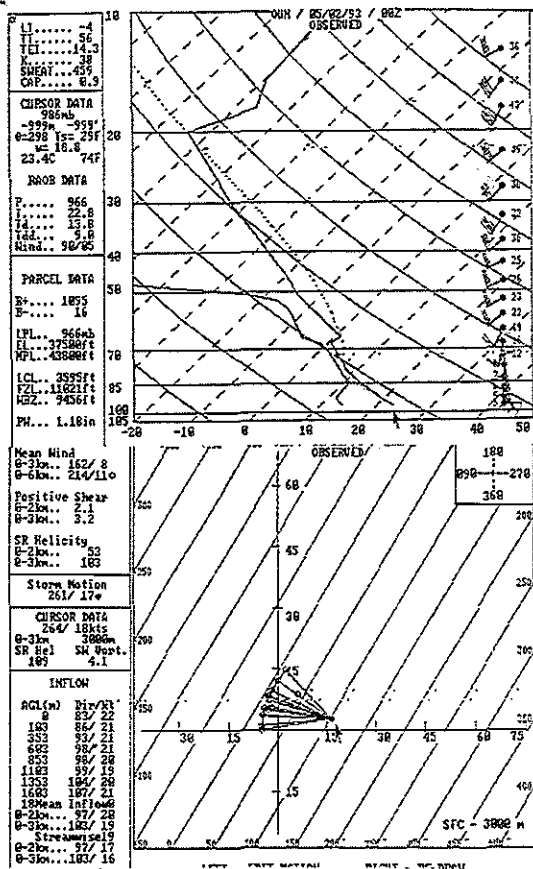


500 MB 00Z



SURFACE MAP 09Z







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/03/93 - 0600CST 05/04/93

Total Non-Tornadoic Reports: 26

Large Hail Reports... 10      Damaging Wind Reports... 16

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	5	1	4	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

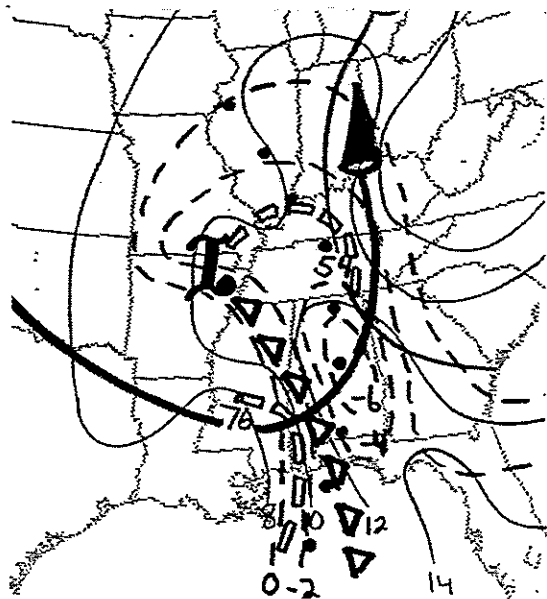
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	16	0	0	0	0	0	16
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

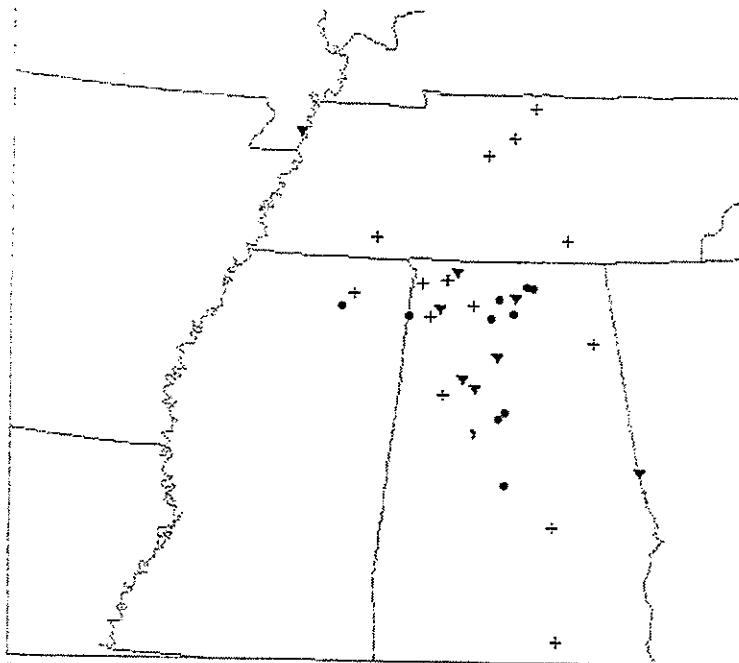
Number of Tornado Segments: 9

TORNADO SEGMENTS

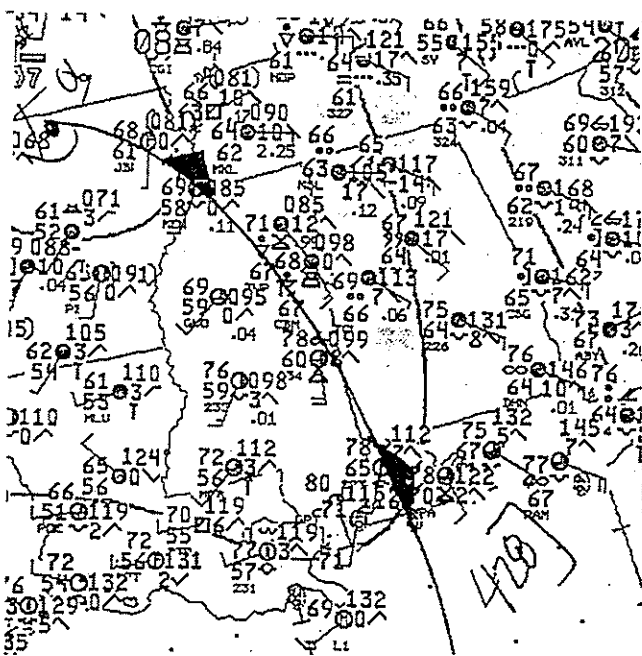
	F0	F1	F2	F3	F4	F5	TOT
Segments	5	3	1	0	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	3	0	0	0	3



ALL SEVERE REPORTS



SURFACE MAP 18Z



0600CST 05/03/93 - 0600CST 05/04/93

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/03/93 - 0600CST 05/04/93

Total Non-Tornadic Reports: 20

Large Hail Reports... 0 Damaging Wind Reports... 20

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

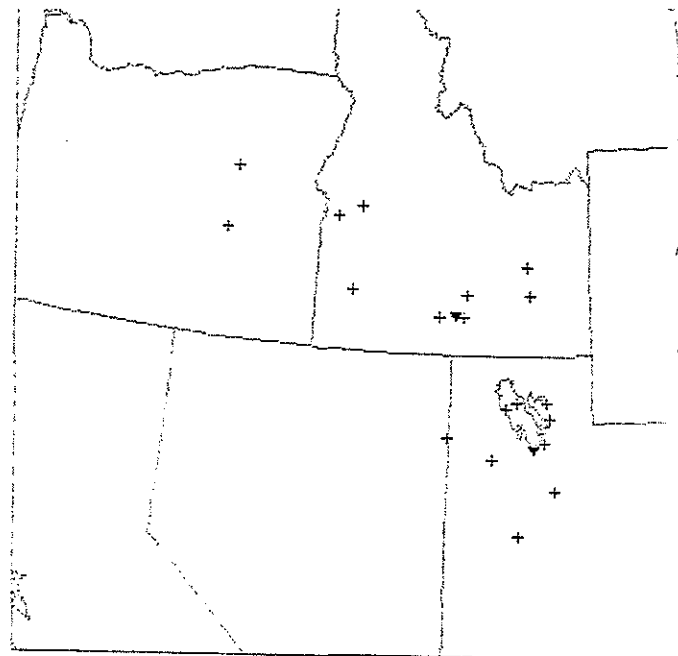
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	8	9	2	0	0	0	20
Fatalities	0	0	0	0	0	0	0
Injuries	4	0	0	0	0	0	4

Number of Tornado Segments: 2

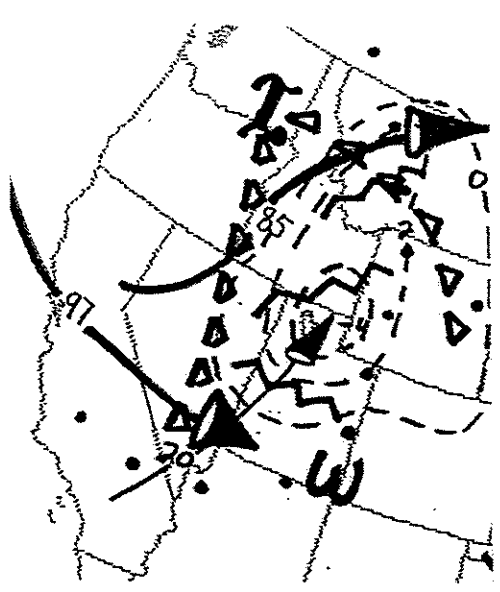
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	1	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

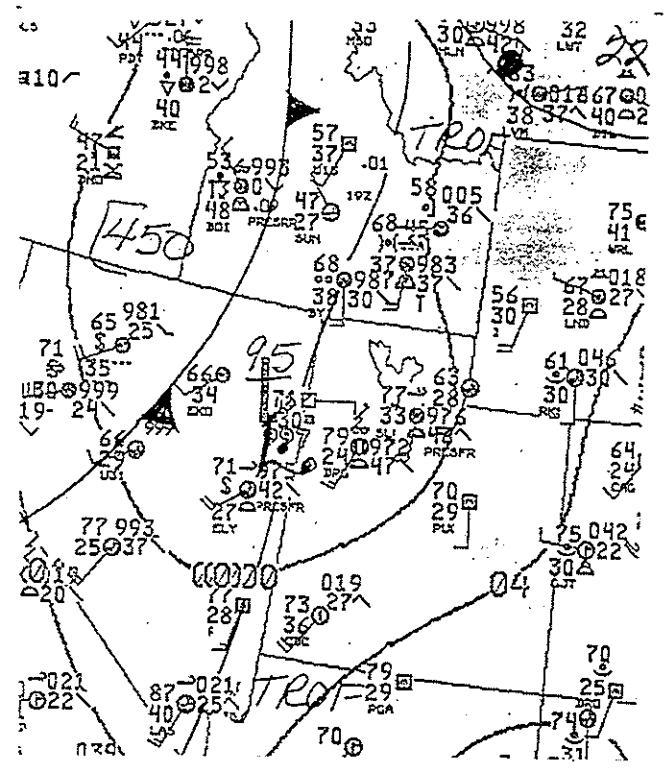


0600CST 05/03/93 - 0600CST 05/04/93

COMPOSITE MAP 00Z



SURFACE MAP 21Z



SIGNIFICANT EVENTS MAP

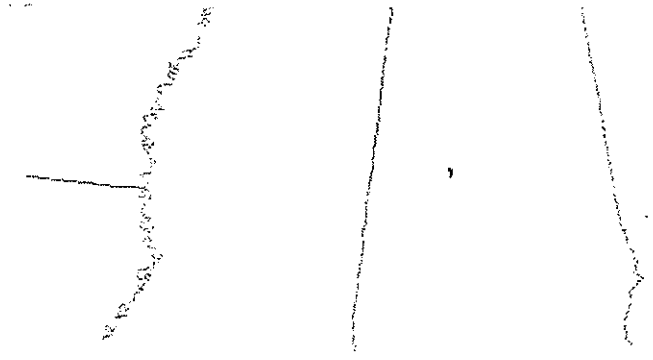
MONDAY MAY 3RD, 1993

SIGNIFICANT TORNADO EVENTS

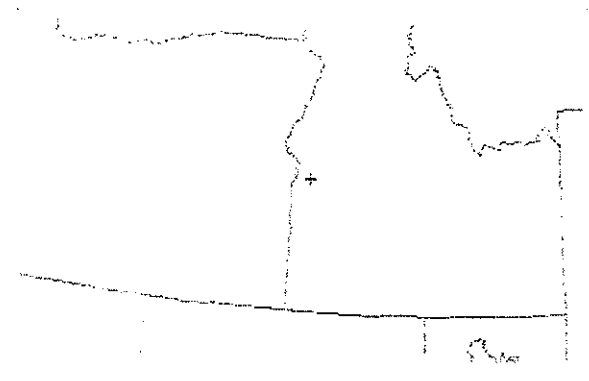
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
MAY 03	1835	F-2	6.0	50	AL	BROOKWOOD	-	3	---
1 TOTAL							-	3	---

SIGNIFICANT WIND EVENTS

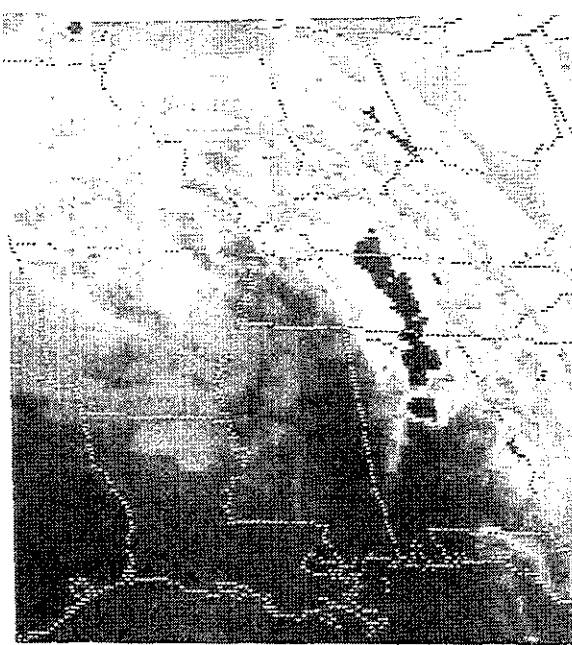
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG	
MAY 03	1330	WIND DAMAGE	ID	GEM		-	4	---	
1 TOTAL							-	4	---



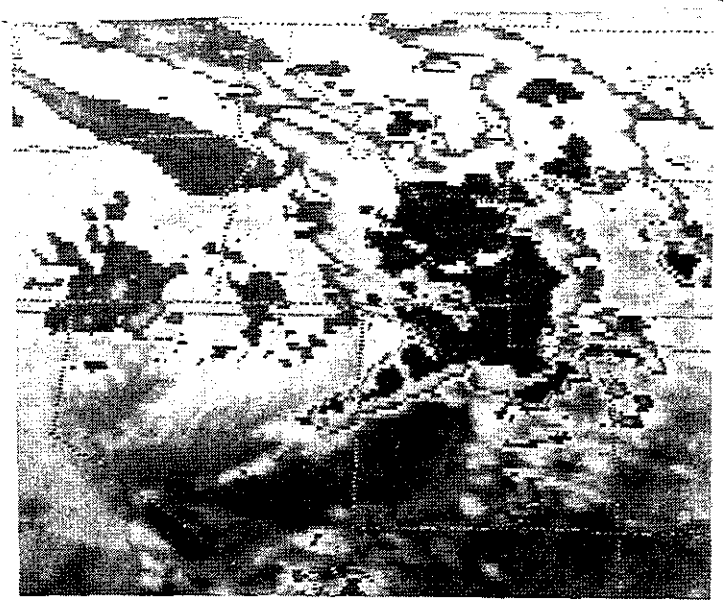
SIGNIFICANT EVENTS MAP



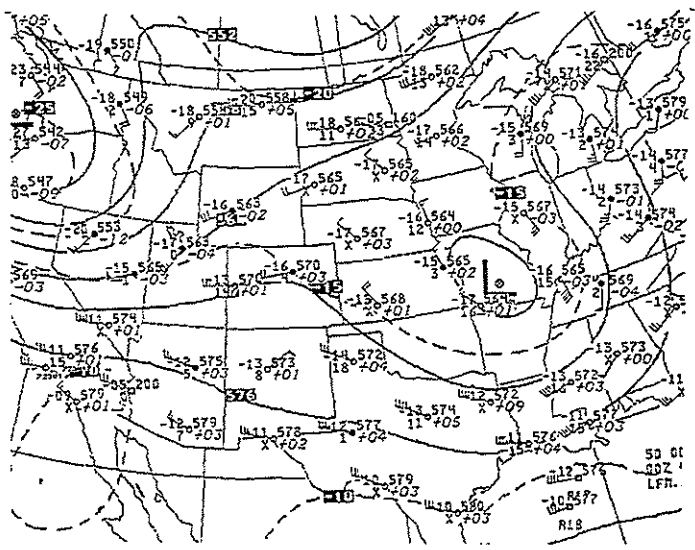
SATELLITE 00Z 4 MAY

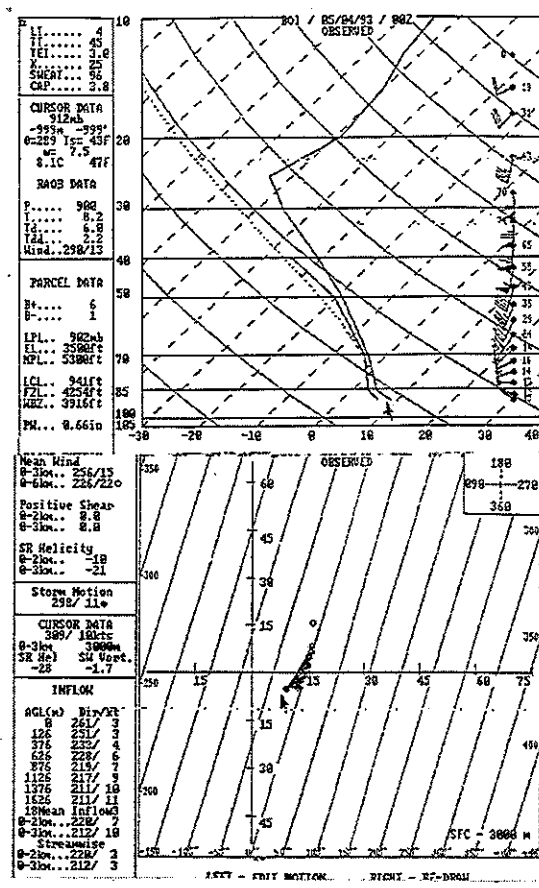
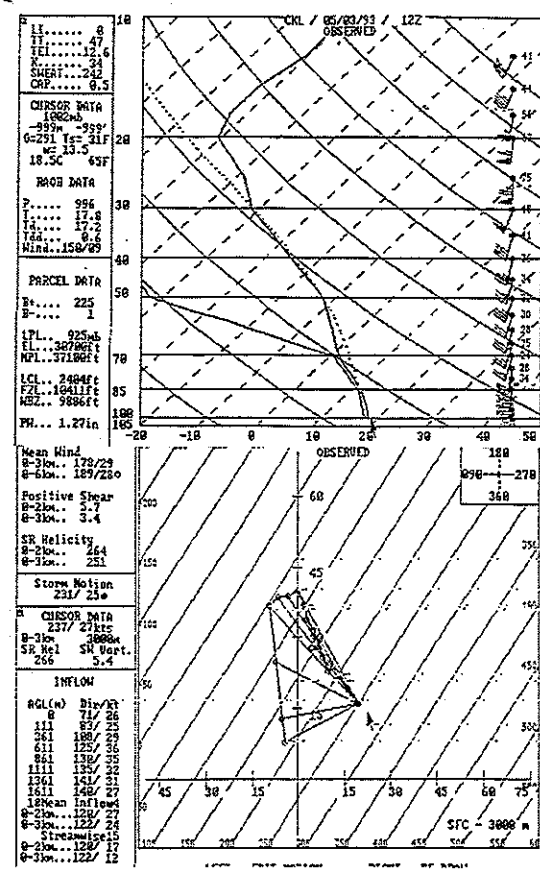
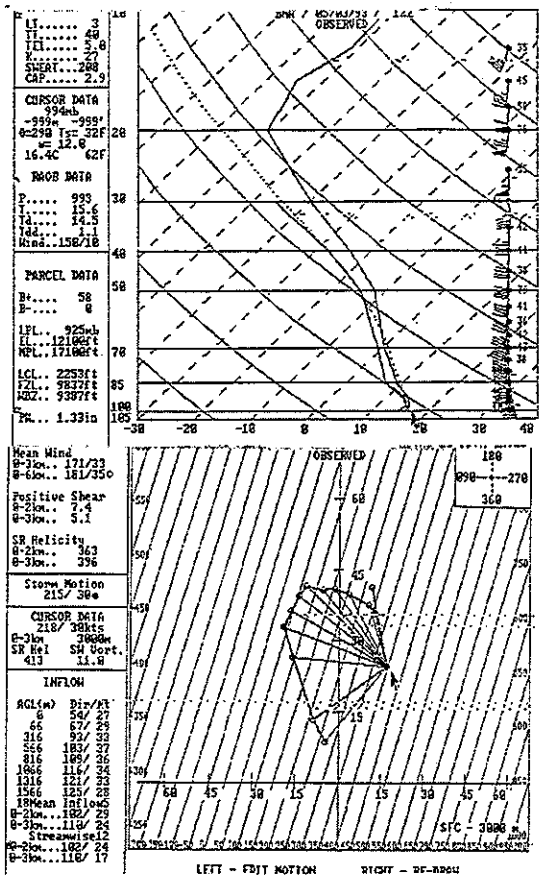


SATELLITE 0230Z 4 MAY 1993



500 MB 00Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/05/93 - 0600CST 05/06/93

Total Non-Tornadoic Reports: 74

Large Hail Reports... 65      Damaging Wind Reports... 9

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	17	14	19	14	1	0	65
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

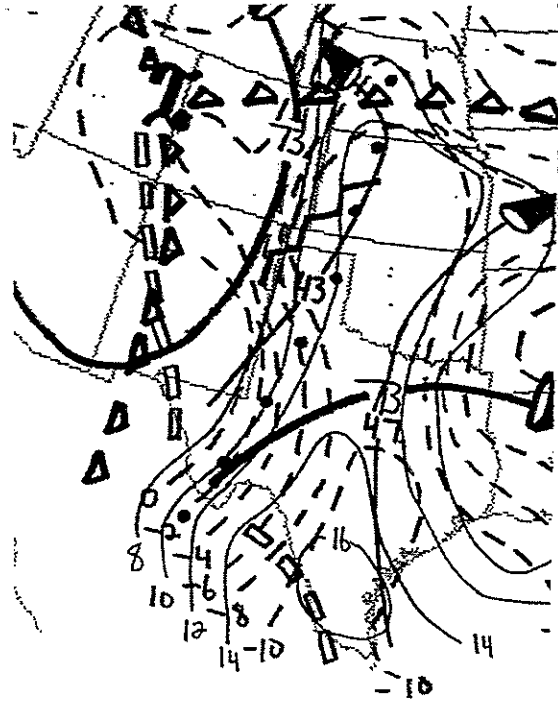
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	1	4	3	1	0	0	9
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

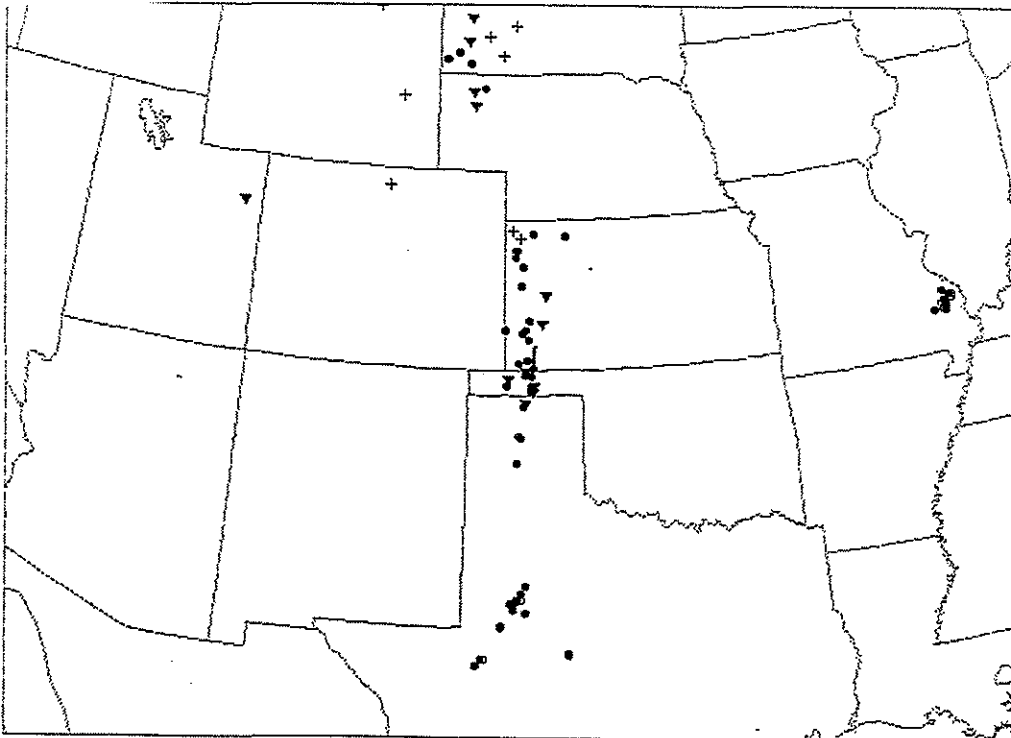
Number of Tornado Segments: 17

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	9	3	0	3	2	0	17
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 05/05/93 - 0600CST 05/06/93

SEVERE WEATHER REPORTS

WEDNESDAY MAY 5TH, 1993

SIGNIFICANT TORNADO EVENTS

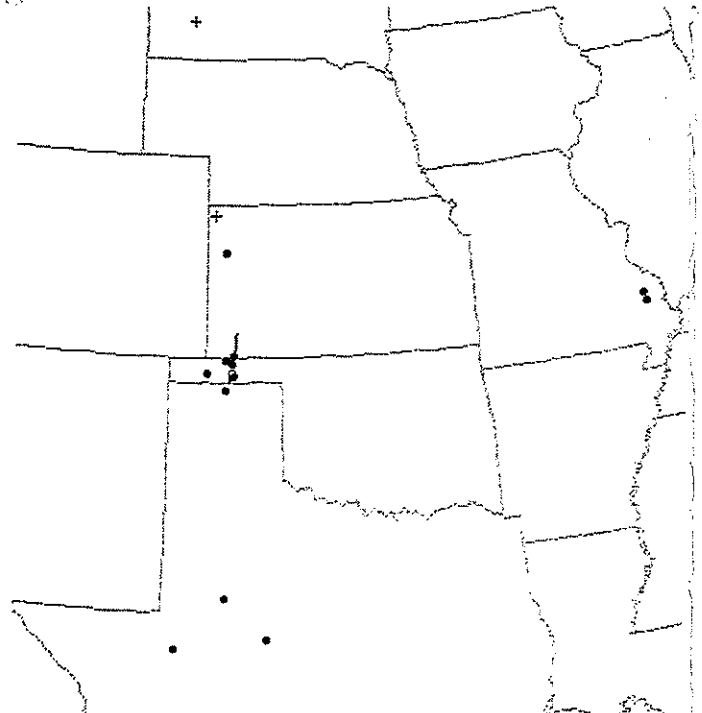
DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
MAY 05	1738	F-3	12.0 500	OK	TEXAS..13 SSE GUYMON	-	-	----
MAY 05	1854	F-3	11.0 1200	OK	TEXAS..8 N OPTIMA	-	-	----
MAY 05	1908	F-3	13.0 250	NE	12 S HAY SPRINGS	-	-	1 M
MAY 05	1908	F-3	7.5 880	OK	12 SSE HUGOTON	-	-	----
(BORDER CROSSER OUT OF OKLAHOMA)								
MAY 05	1927	F-4	23.0 880	KS	STEVENS..6 SE HUGOTON	-	-	1 M
5 TOTAL								2 M

SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG	
MAY 05	1520	2.75 INCH	MO	BOLLINGER..PATTON	-	----	
MAY 05	1620	2.75 INCH	MO	BOLLINGER..PATTON	-	----	
MAY 05	1643	3.00 INCH	TX	TOM GREEN..SAN ANGELO	-	10 M	
MAY 05	1650	2.00 INCH	MO	BOLLINGER..MARBLE HILL	-	----	
MAY 05	1718	2.75 INCH	OK	TEXAS..15 N GUYMON	-	----	
MAY 05	1721	2.75 INCH	TX	HANSFORD..5 NW GROVER	-	----	
MAY 05	1755	2.75 INCH	OK	TEXAS..HARDESTY	-	----	
MAY 05	1815	2.75 INCH	OK	TEXAS..9 E GUYMON	-	----	
MAY 05	1857	2.50 INCH	OK	TEXAS..HOOKER	-	----	
MAY 05	1900	2.75 INCH	TX	PECOS..IMPERIAL	-	----	
MAY 05	1900	2.75 INCH	TX	PECOS..IMPERIAL	-	----	
MAY 05	1910	2.75 INCH	KS	STEVENS..12 SSE HUGOTON	-	----	
MAY 05	1930	2.75 INCH	TX	PECOS..IMPERIAL	-	----	
MAY 05	1930	2.75 INCH	TX	PECOS..IMPERIAL	-	----	
MAY 05	1947	2.75 INCH	TX	HOWARD..BIG SPRING	-	----	
15 TOTAL							10

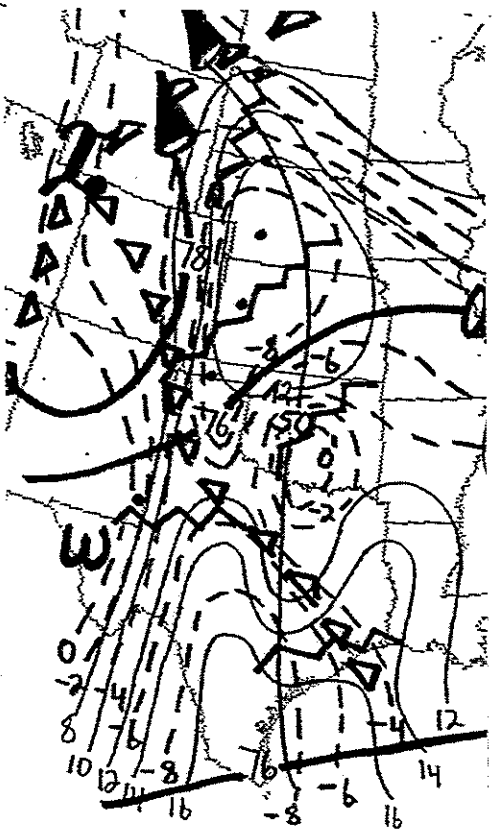
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
MAY 05	1900	80 MPH GUST	KS	CHEYENNE..ST. FRANCIS	-	-	----
MAY 05	2100	75 MPH GUST	SD	PENNINGTON..SCENIC	-	-	----
2 TOTAL							----

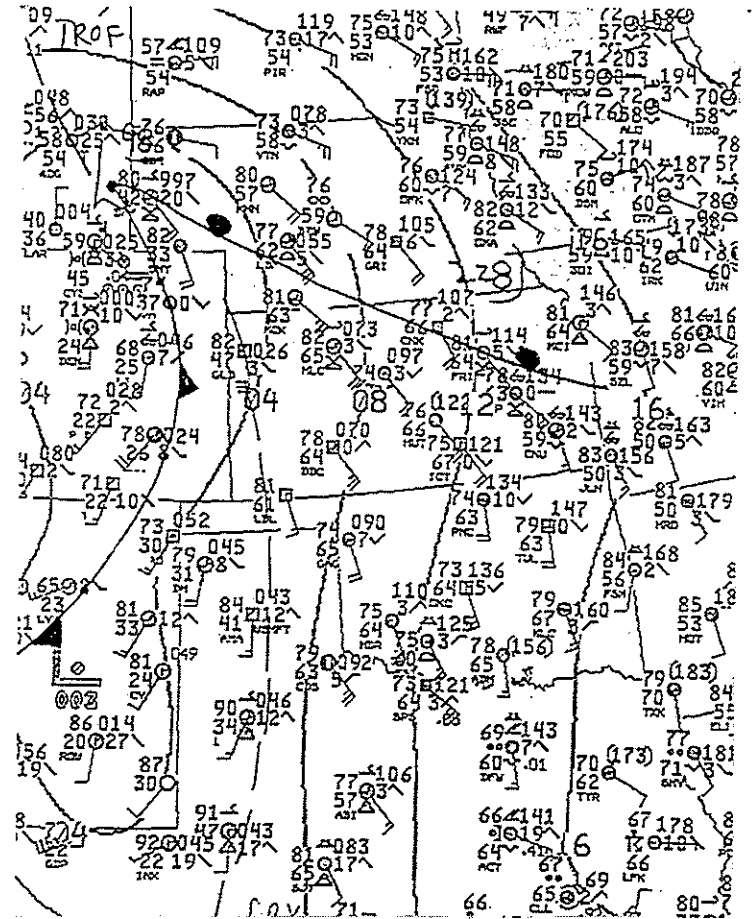


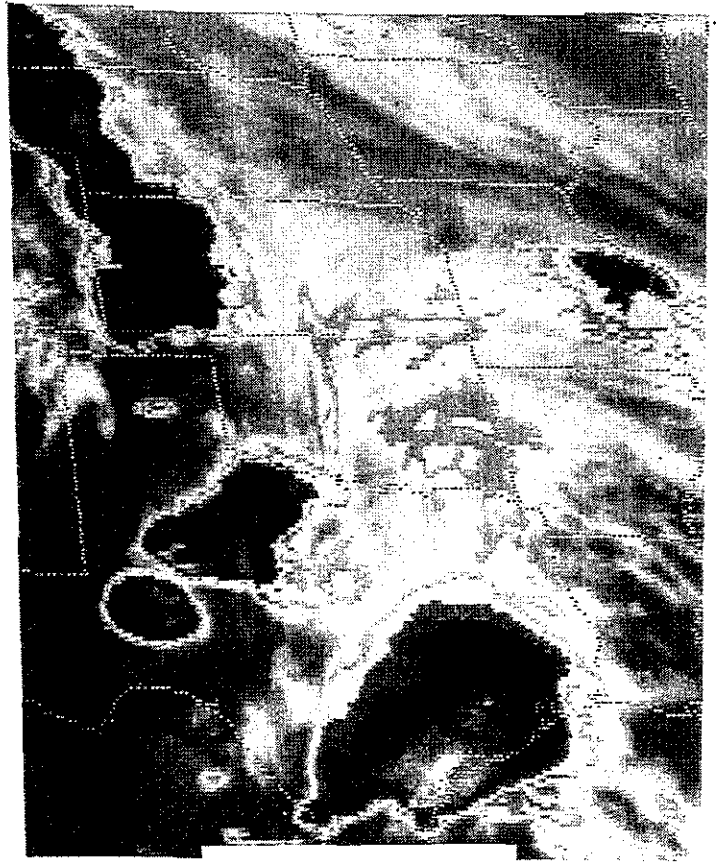
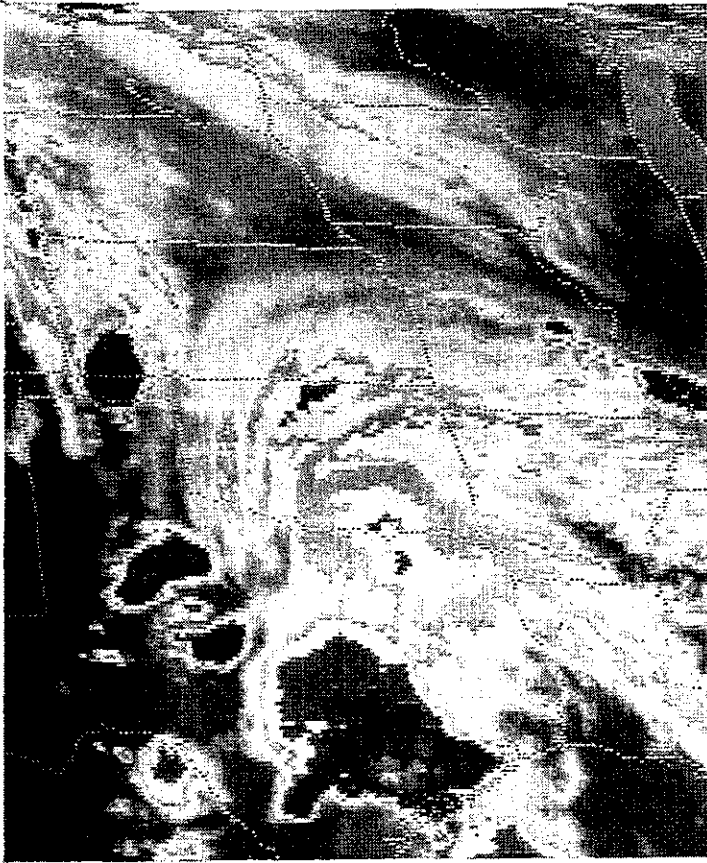
ICST 05/06/93 SEVERE WEATHER REPORT

COMPOSITE MAP 00Z

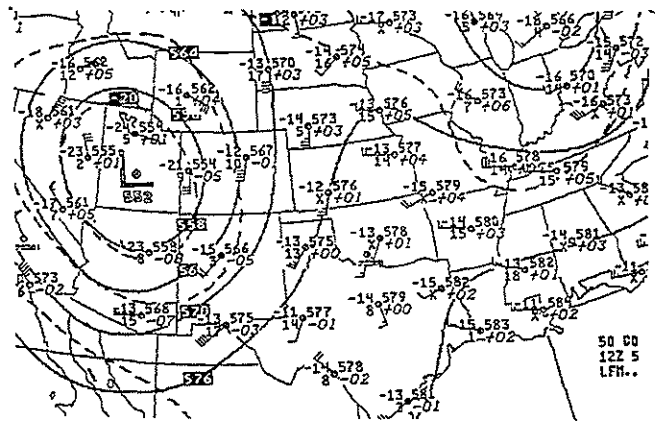


SURFACE MAP 21Z

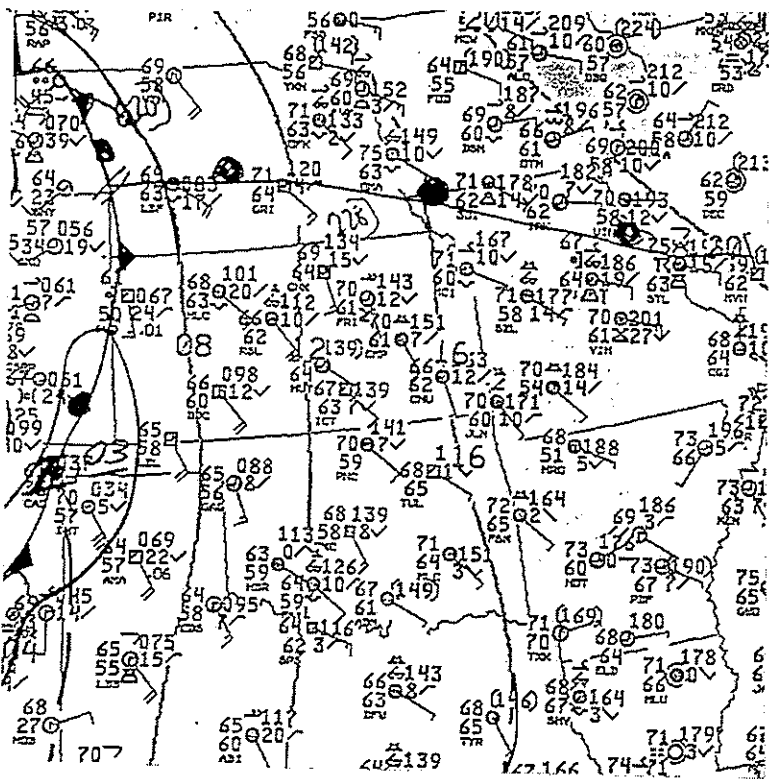




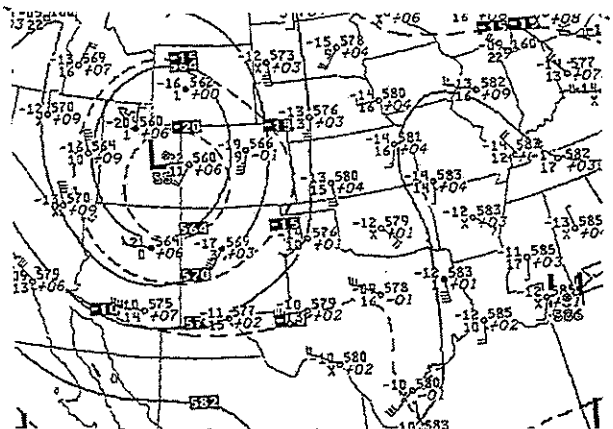
500 MB 12Z

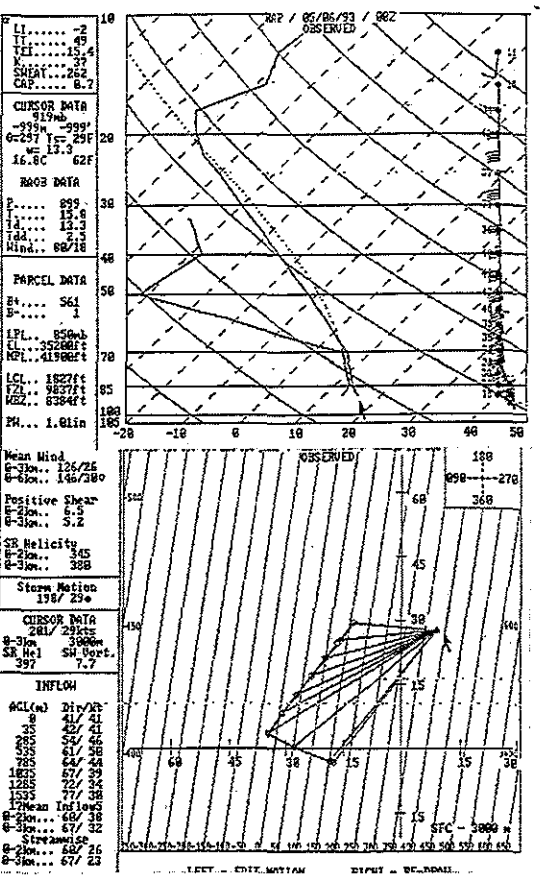
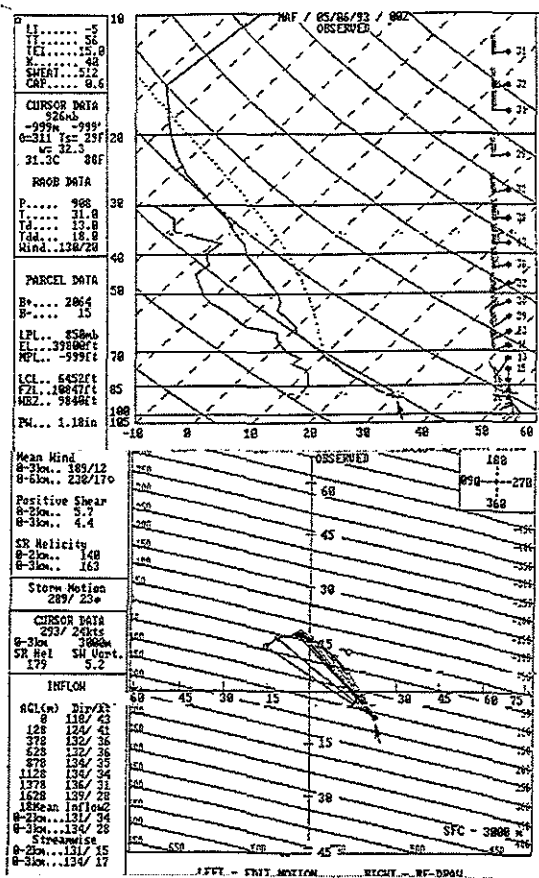
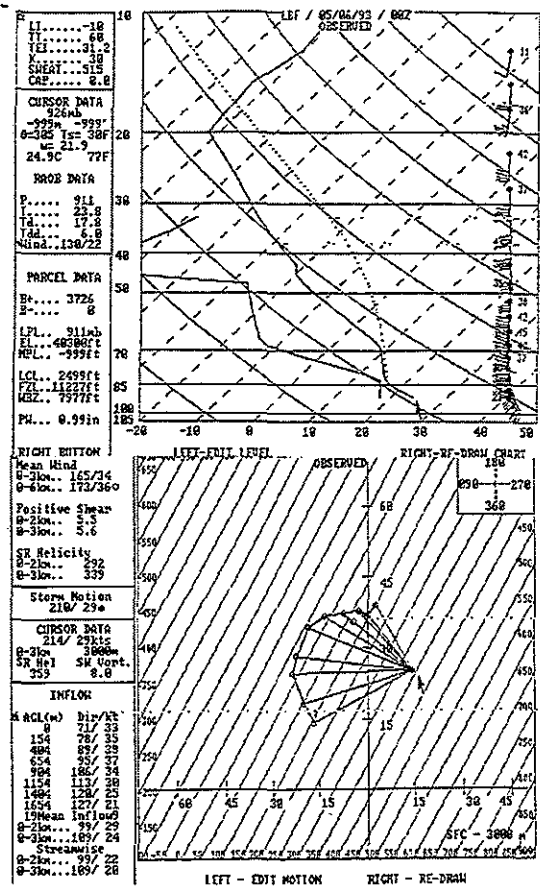
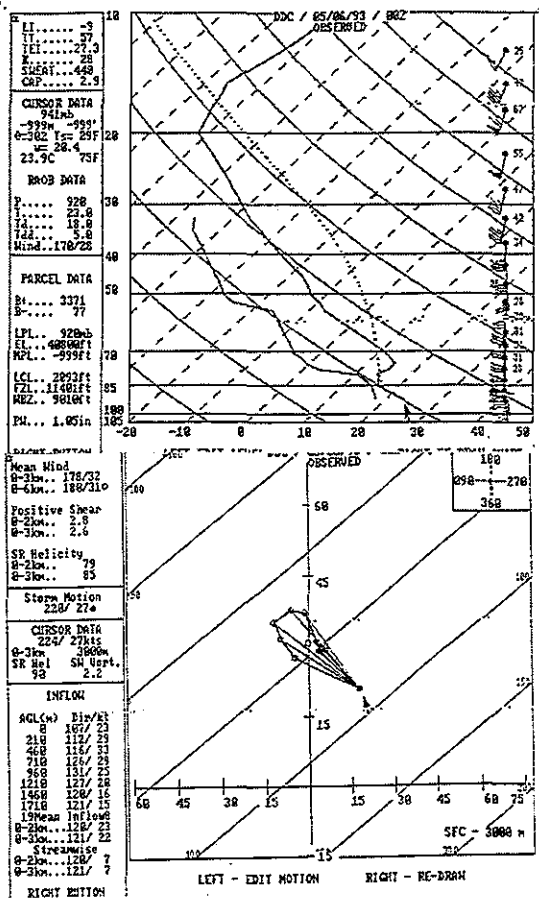


SURFACE MAP 03Z



500 MB 00Z





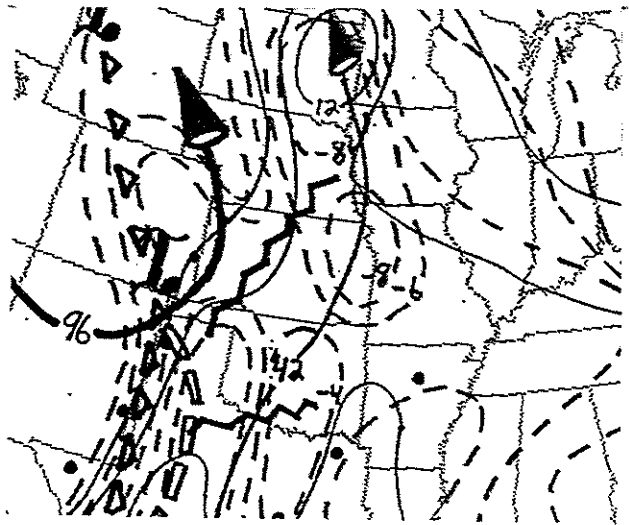


National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/06/93 - 0600CST 05/07/93

Total Non-Tornadic Reports: 34

Large Hail Reports... 28      Damaging Wind Reports... 6



LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	11	9	8	0	0	0	28
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

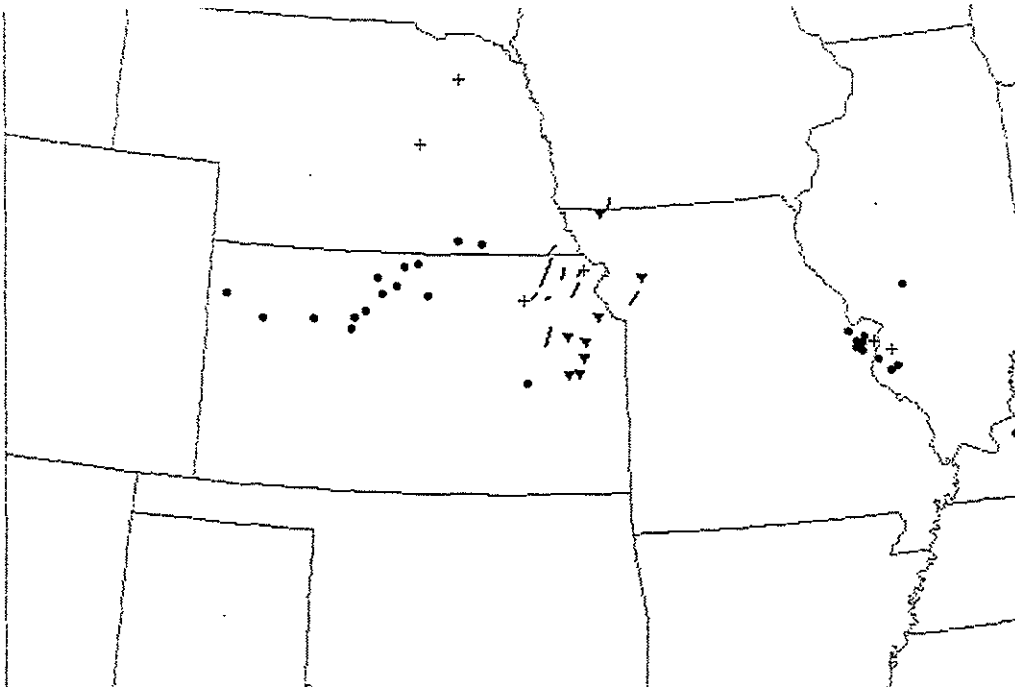
	WNDG	50	60	70	80	90	TOT
Wind	3	2	1	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 19

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	9	6	4	0	0	0	19
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

ALL SEVERE REPORTS



0600CST 05/06/93 - 0600CST 05/07/93

SEVERE WEATHER REPORTS

SIGNIFICANT EVENTS MAP

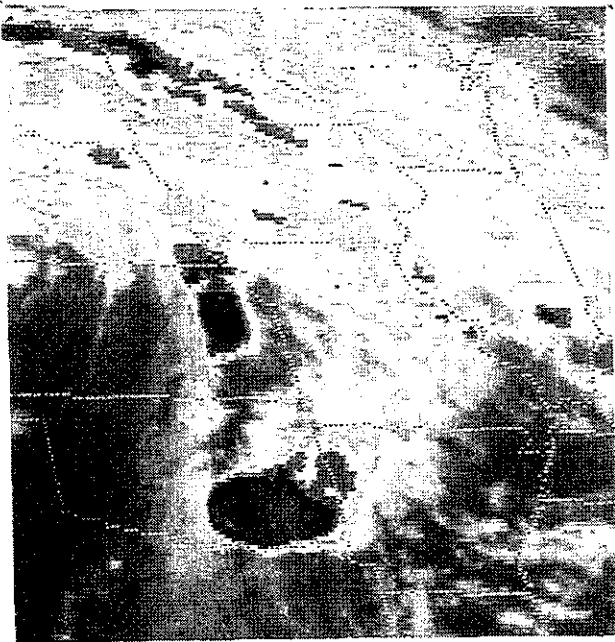
THURSDAY MAY 6TH, 1993

SIGNIFICANT TORNADO EVENTS

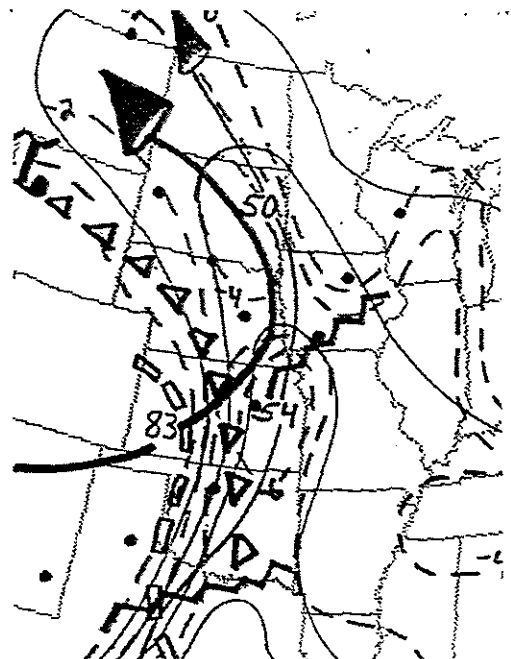
DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
MAY 06	1647	F-2	23.0	440	KS-ne NEMHA..7 S CENTRALIA	1	M	
MAY 06	1750	F-2	8.0	300	KS-ne BROWN..8 S FAIRVIEW	-	---	
MAY 06	1755	F-2	12.0	500	KS-ne ATCHISON..ARRINGTON	-	---	
MAY 06	2005	F-2	9.0	70	IA 10 SW BEDFORD	-	---	
4 TOTAL						-	-	1 M



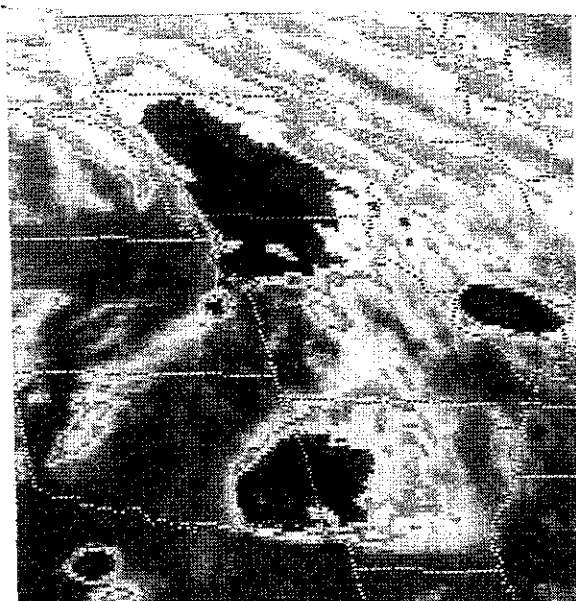
SATELLITE 22Z 6 MAY



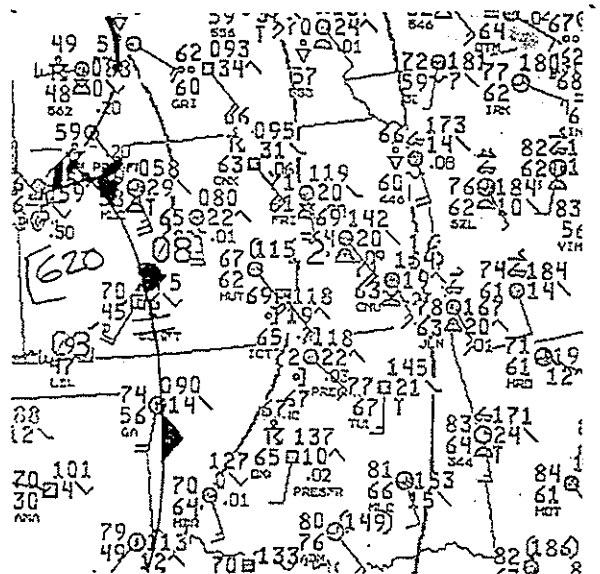
COMPOSITE MAP 00Z



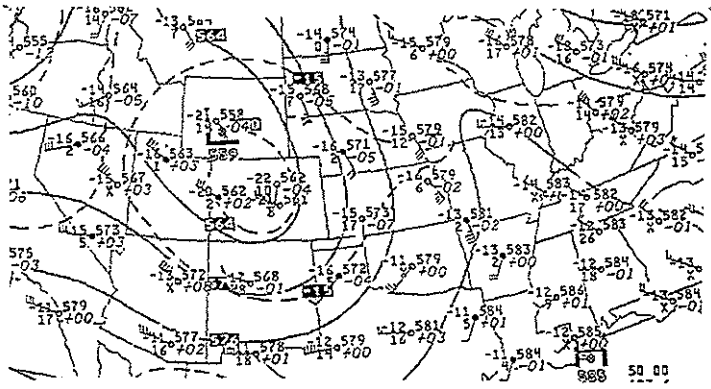
SATELLITE 02Z 7 MAY



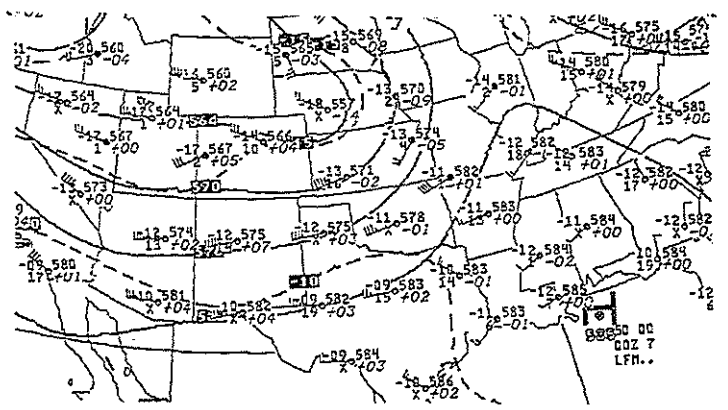
SURFACE MAP 18Z



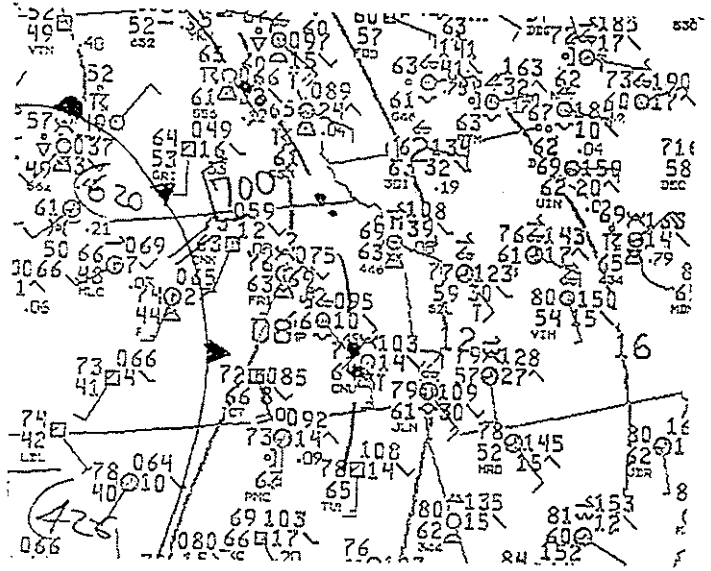
500 MB 12Z



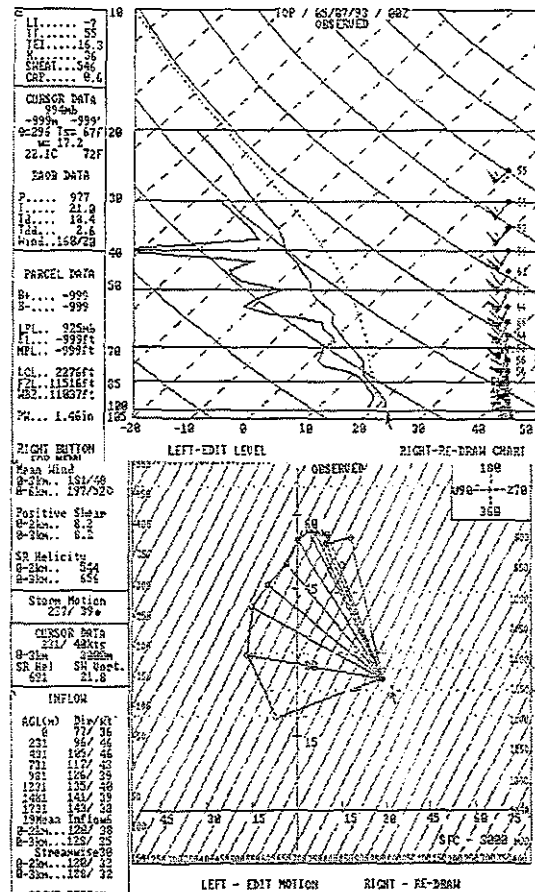
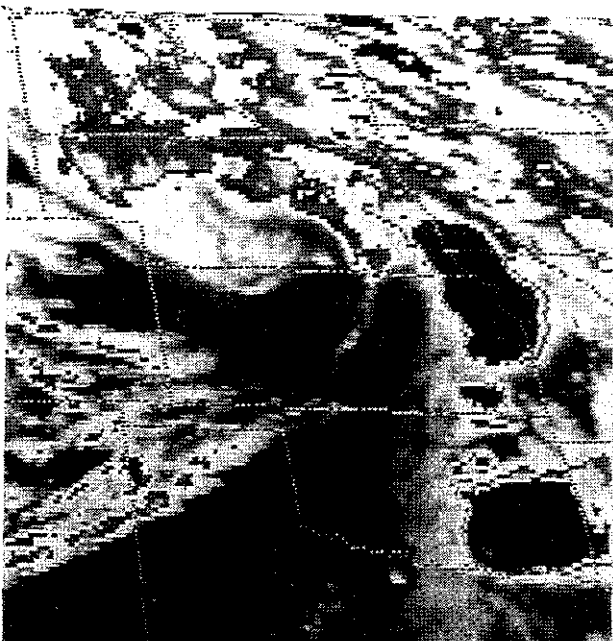
500 MB 00Z



SURFACE MAP 00Z



SATELLITE 01Z 7 MAY



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/07/93 - 0600CST 05/08/93

Total Non-Tornadic Reports: 168

Large Hail Reports... 99      Damaging Wind Reports... 69

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	42	25	25	4	3	0	99
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

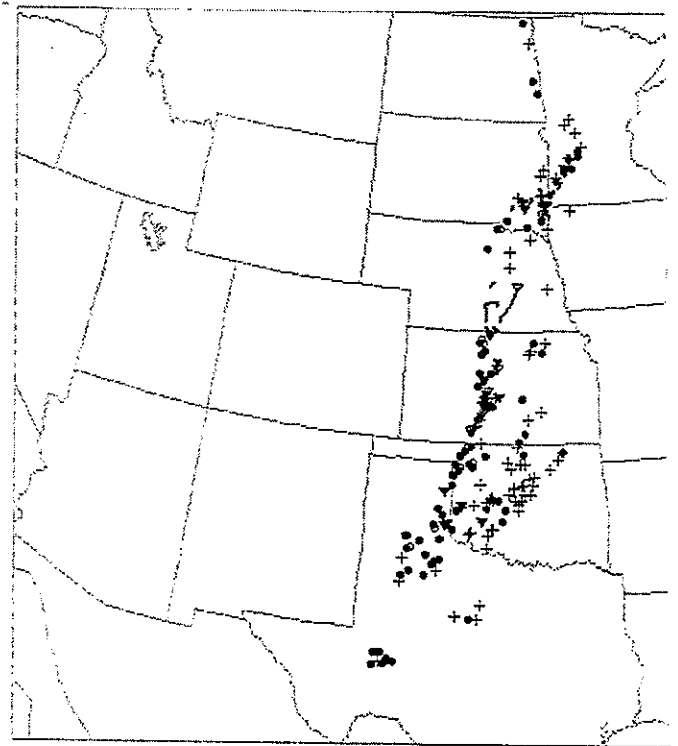
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	28	27	7	6	0	1	69
Fatalities	0	0	0	1	0	0	1
Injuries	0	0	0	1	0	12	13

Number of Tornado Segments: 59

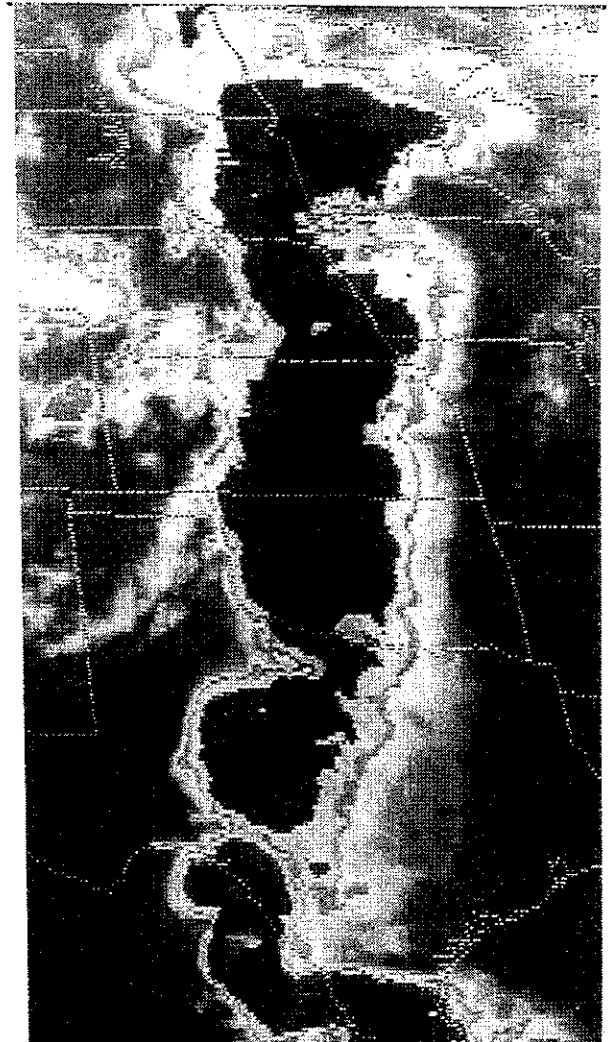
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	20	16	15	6	2	0	59
Fatalities	0	0	0	0	1	0	1
Injuries	0	4	1	0	6	0	11

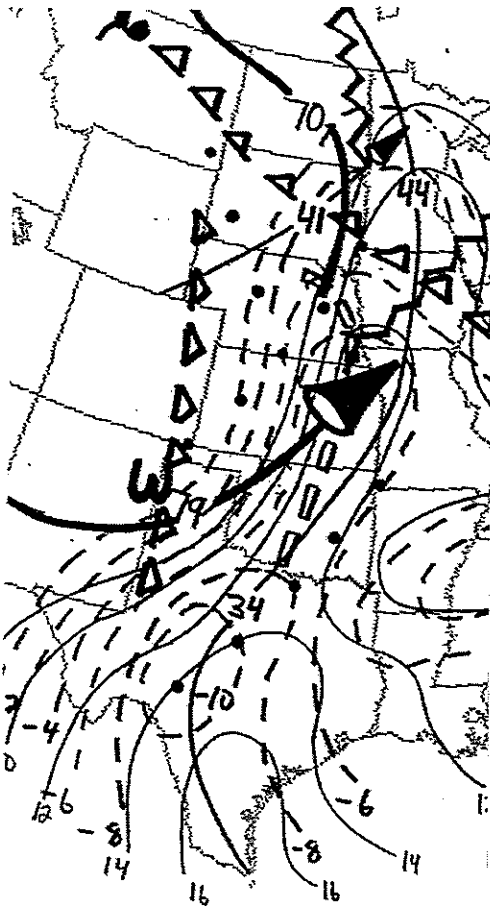


0600CST 05/07/93 - 0600CST 05/08/93

SATELLITE 23Z 7 MAY



COMPOSITE MAP 12Z



# FRIDAY MAY 7TH, 1993

## SIGNIFICANT TORNADO EVENTS

DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
MAY 07	1406	F-2	15.0 100	SD	LINCOLN..BERESFORD	1	---	---
MAY 07	1454	F-2	11.5 100	SD	MINNEHAHA..ROWENA	---	---	---
MAY 07	1605	F-2	8.0 150	MN	JASPER TO PIPESTONE	---	2 M	---
MAY 07	1705	F-4	25.5 880	KS	WILSON LAKE	1	6 1 M	---
MAY 07	1715	F-2	1.0 75	SD	MCCOOK..BRIDGewater	---	---	---
MAY 07	1715	F-2	2.0 75	SD	HUTCHINSON..FREEMAN	---	---	---
MAY 07	1720	F-3	10.0 100	SD	MCCOOK..CANISTOTA	---	1 M	---
MAY 07	1735	F-1	7.0 200	NE	ASHTON TO COATSVILLE	---	1 M	---
MAY 07	1750	F-1	7.0 200	NE	WEBSTER..RED CLOUD	---	1 M	---
MAY 07	1752	F-2	40.0 200	NE	UPLAND TO WOOD RIVER	---	1 M	---
MAY 07	1820	F-1	1.0 70	MN	6 SW COTTONWOOD	4	---	---
MAY 07	1823	F-2	19.5 440	KS	BYERS TO ST. JOHN	---	---	---
MAY 07	1825	F-2	1.0 150	NE	ADAMS/HALL..PROSSER	---	1 M	---
MAY 07	1850	F-3	60.0 2640	NE	BLUE HILL..HORDVILLE	---	10 M	---
MAY 07	1910	F-1	5.0 100	MN	8 SE MONTEVIDEO	---	2 M	---

15 TOTAL 1 11 20 M

## SIGNIFICANT HAIL EVENTS

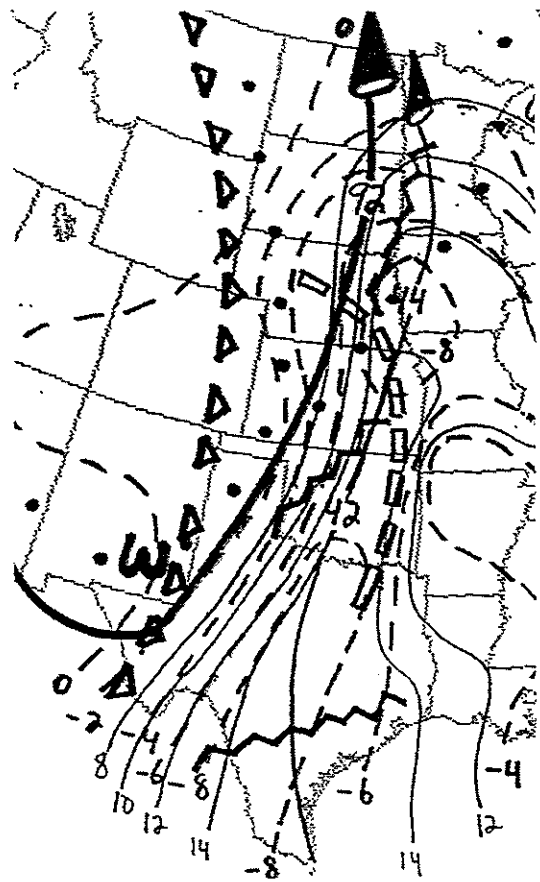
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
MAY 07	1345	3.00 INCH	SD	UNION/LINCOLN..BERESFORD	---	1 M
MAY 07	1430	2.25 INCH	SD	LINCOLN..WORTHING	---	---
MAY 07	1430	2.50 INCH	SD	CHARLES MIX..DANTE	---	---
MAY 07	1520	2.50 INCH	SD	MINNEHAHA..STIOUX FALLS	---	---
MAY 07	1710	2.50 INCH	TX	HALL..MEMPHIS	---	---
MAY 07	1850	3.00 INCH	KS	STAFFORD..6 W ST. JOHN	---	---

6 TOTAL - 1 M

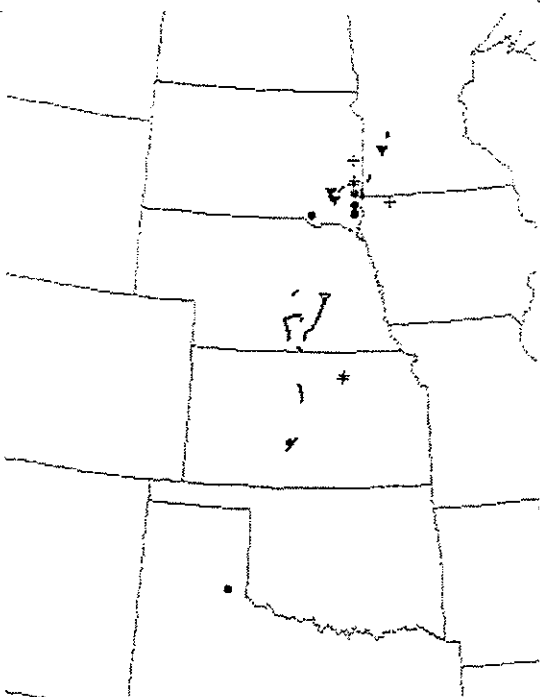
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
MAY 07	1530	80 MPH GUST	TX	UPTON..5 NE MCCAMEY	---	---	---
MAY 07	1740	80 MPH GUST	SD	MINNEHAHA..BALTIC	1	1	---
MAY 07	1815	120 MPH GUST	SD	BROOKINGS..BROOKINGS	---	12 1 M	---
MAY 07	1918	80 MPH GUST	KS	CLAY..6 W CLAY CENTER	---	---	---
MAY 07	1942	80 MPH GUST	KS	CLAY..MORGANVILLE	---	---	---
MAY 07	2305	80 MPH GUST	IA	3 W MAY CITY	---	---	---
MAY 08	0000	85 MPH GUST	OK	WASHINGTON..BARTLESVILLE	---	---	---

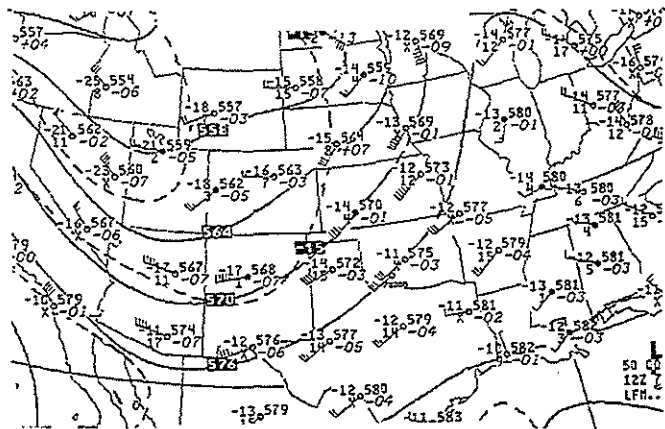
7 TOTAL 1 13 1 M



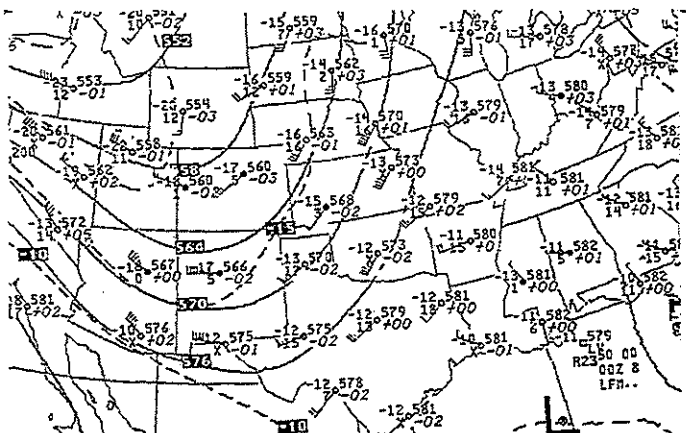
## SIGNIFICANT EVENTS MAP



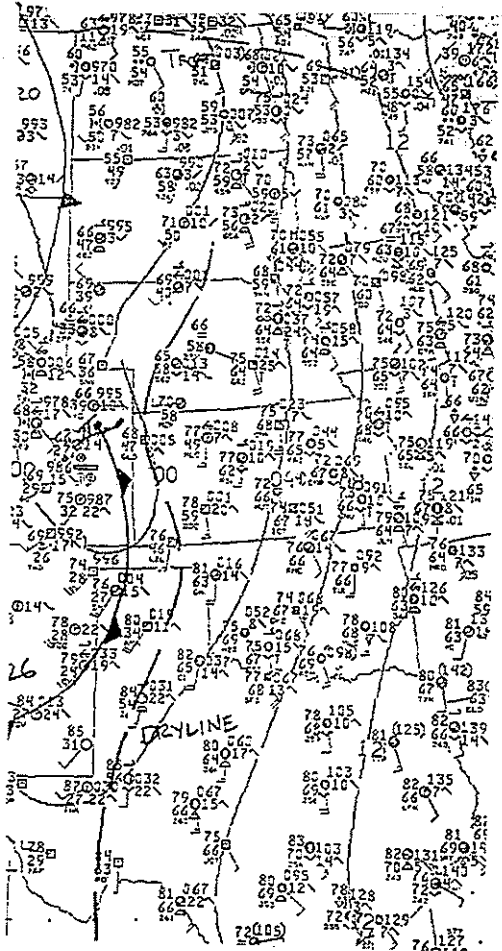
500 MB 12Z



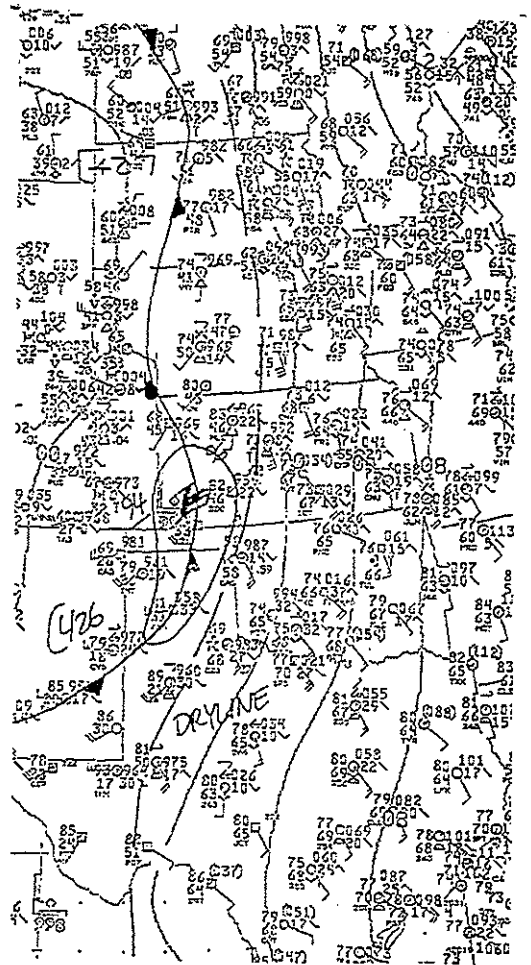
500 MB 00Z



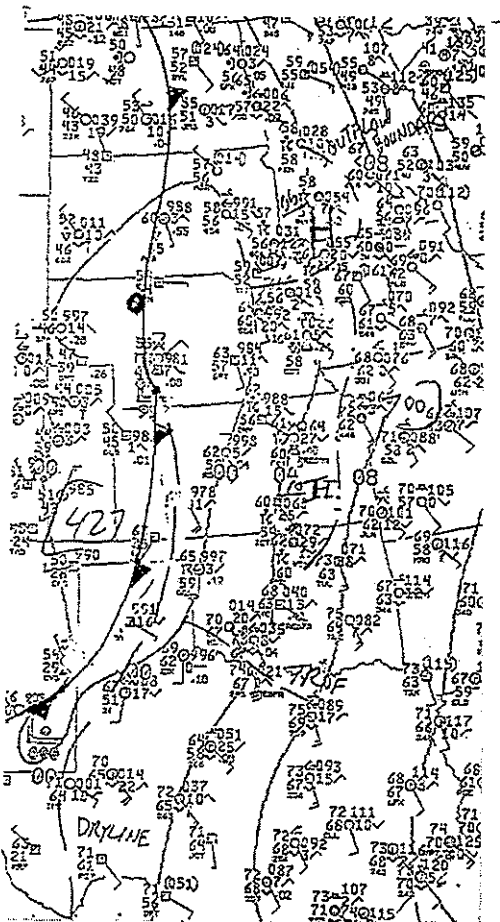
SURFACE MAP 18Z  
SURFACE MAP 18Z



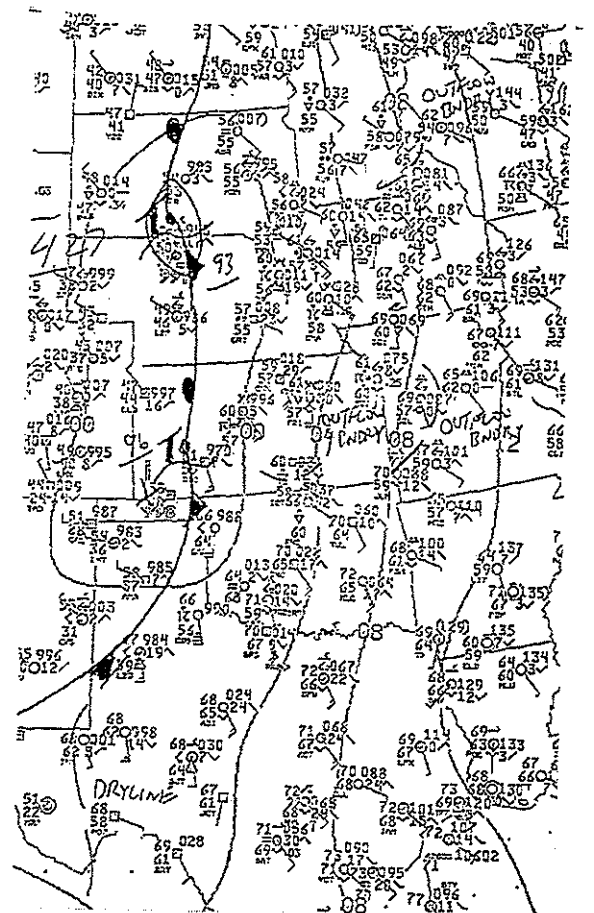
SURFACE MAP 00Z

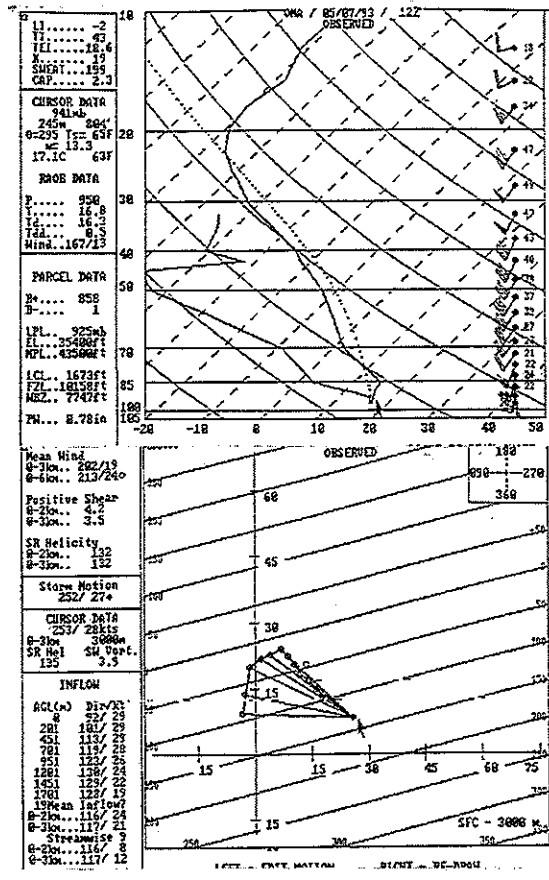
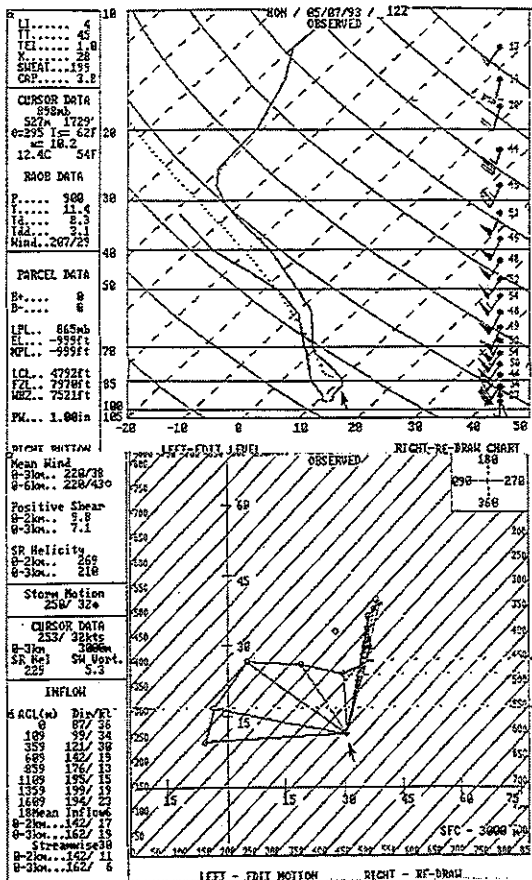
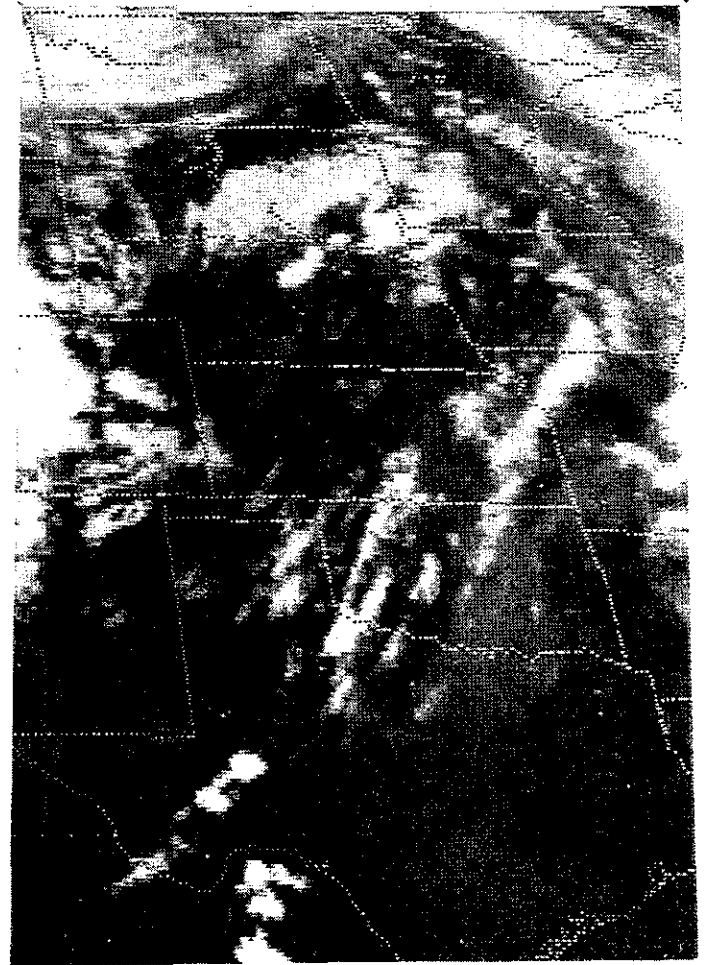
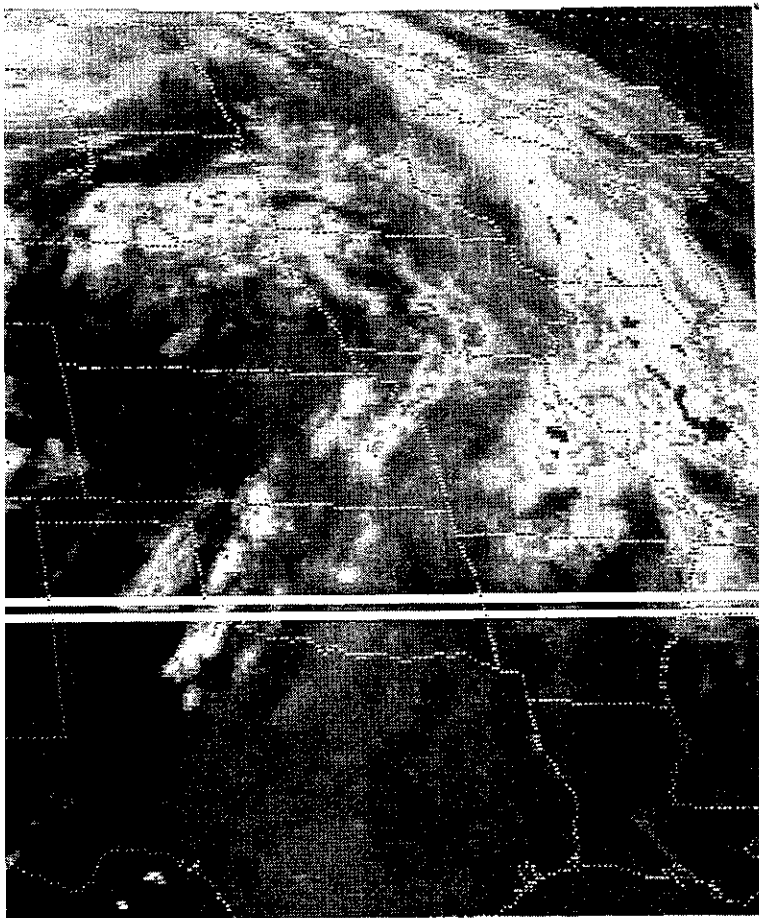


SURFACE MAP 06Z

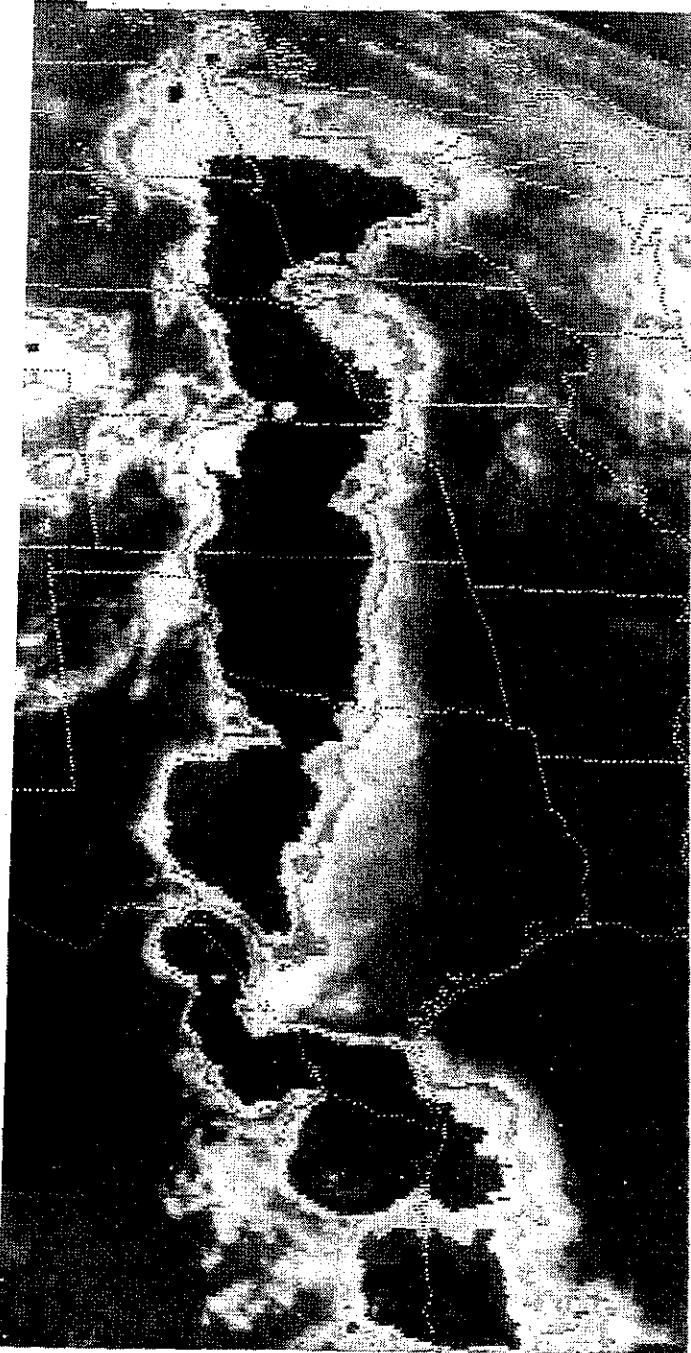


SURFACE MAP 09Z

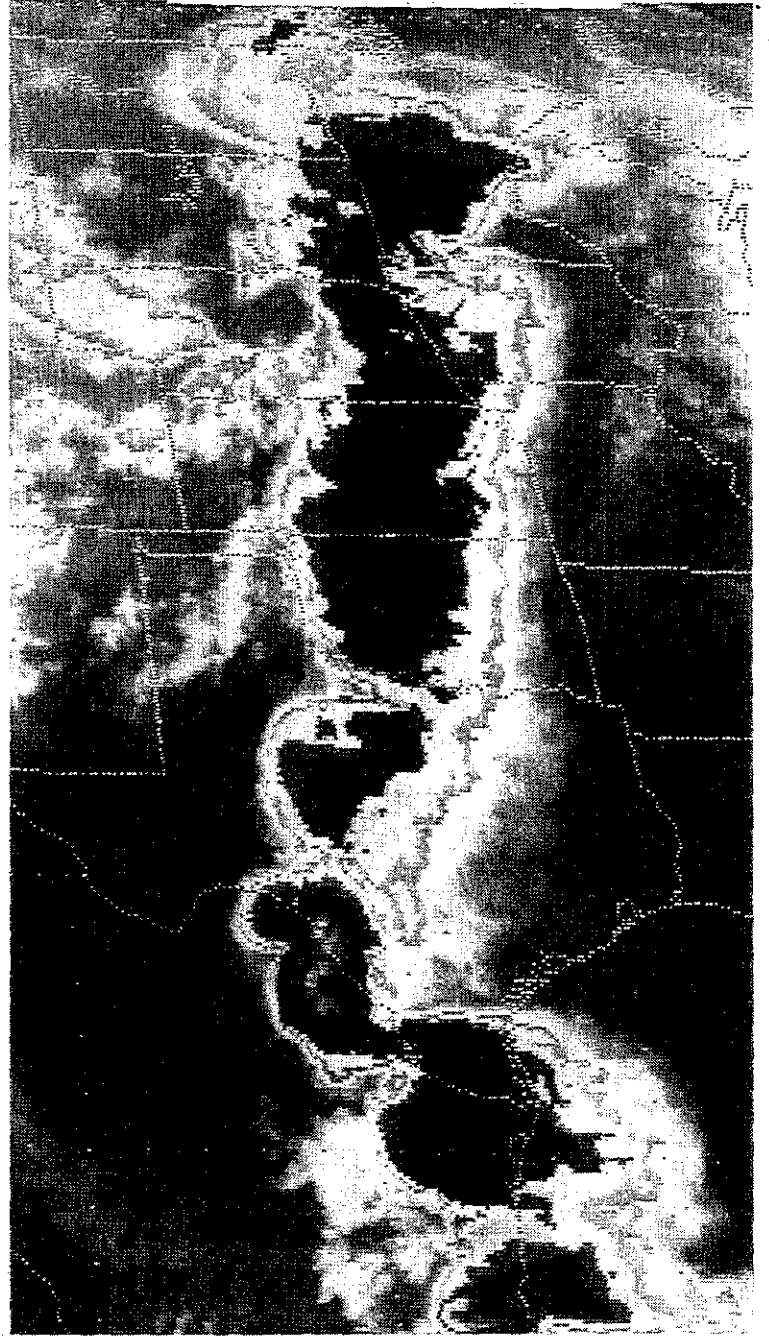




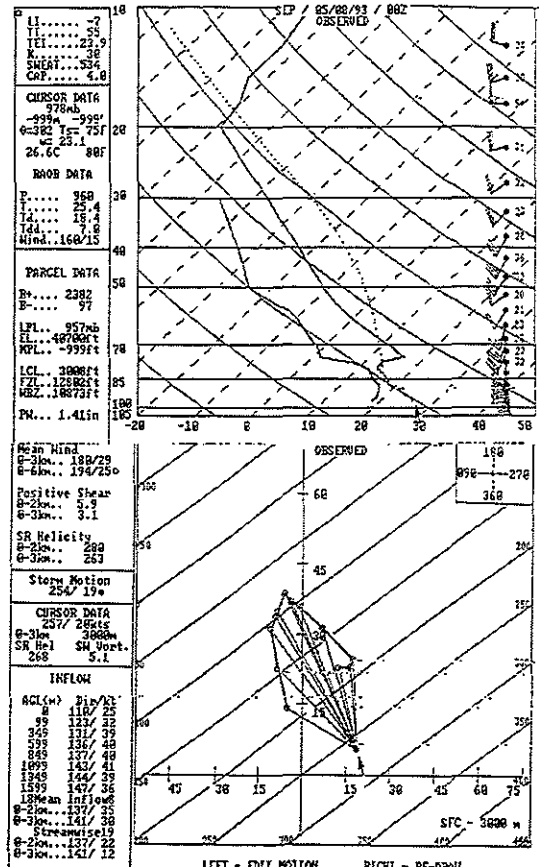
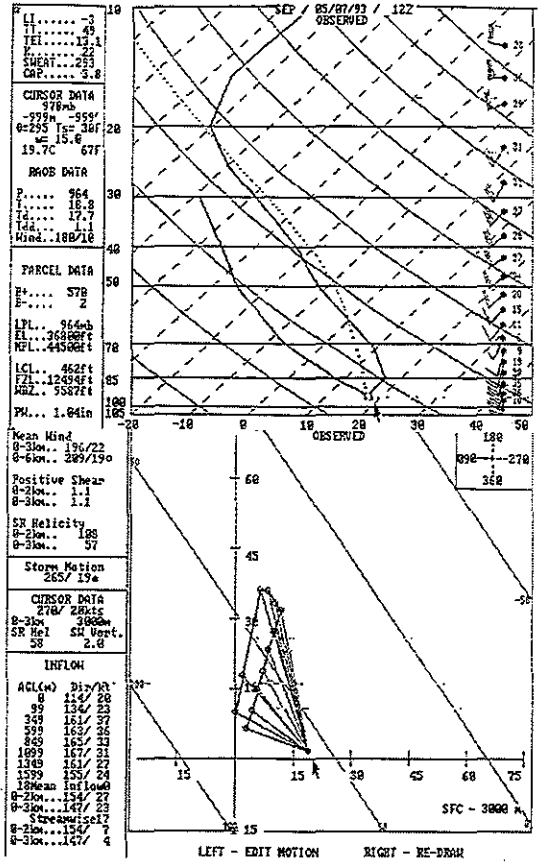
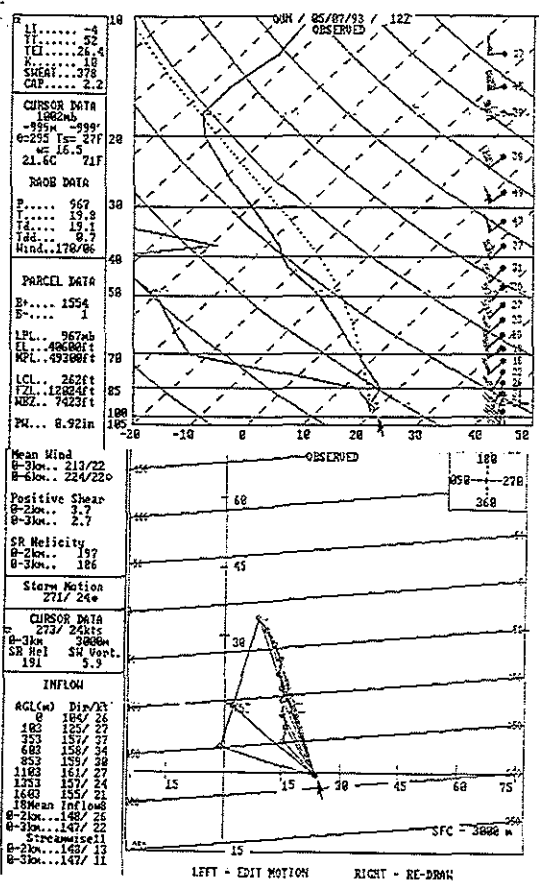
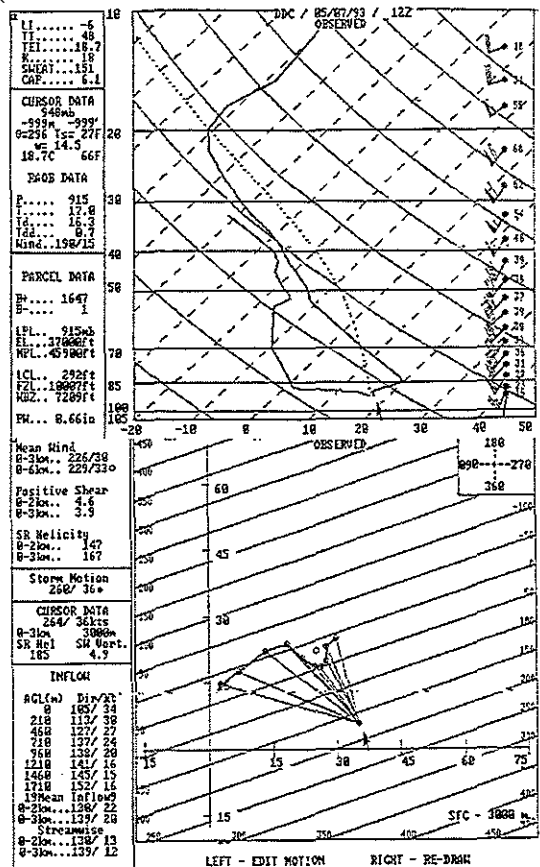
SATELLITE 0130Z 8 MAY

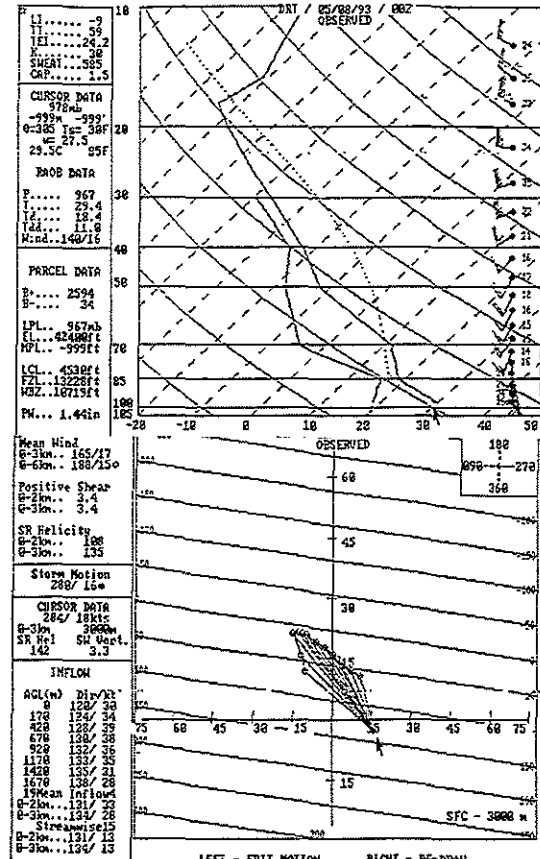
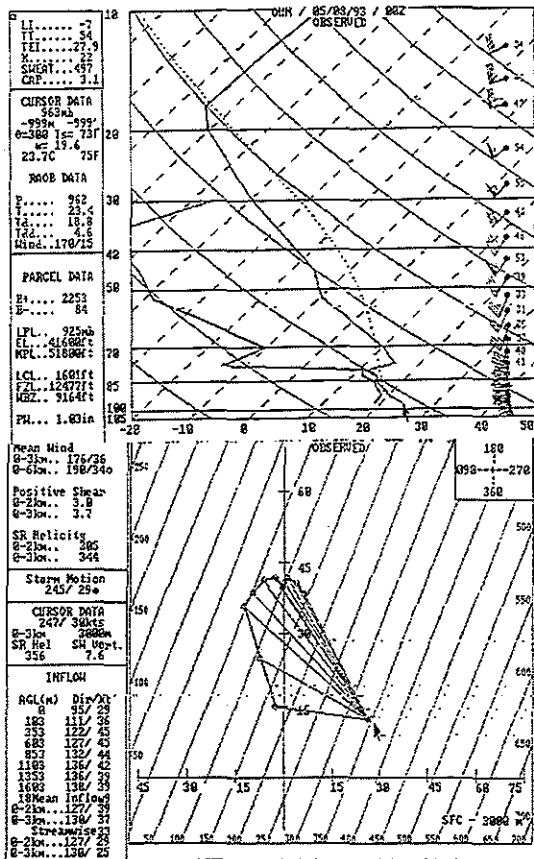
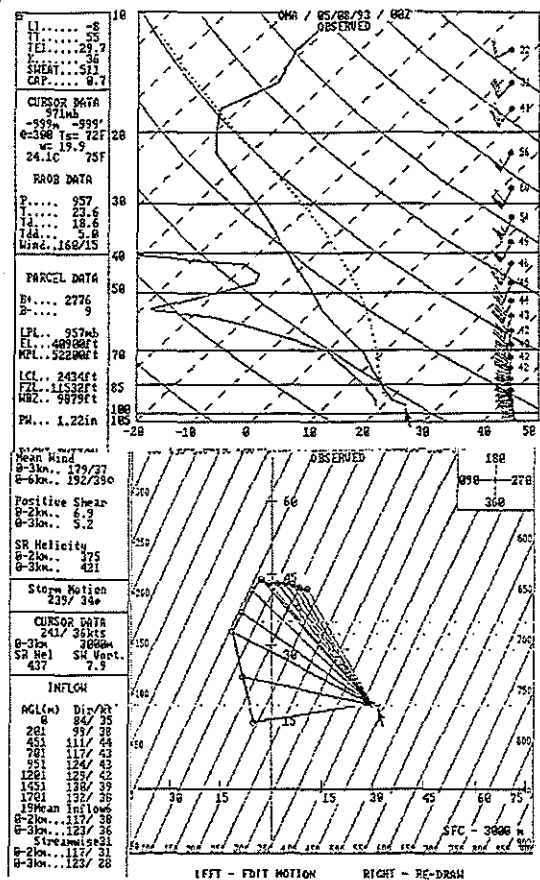
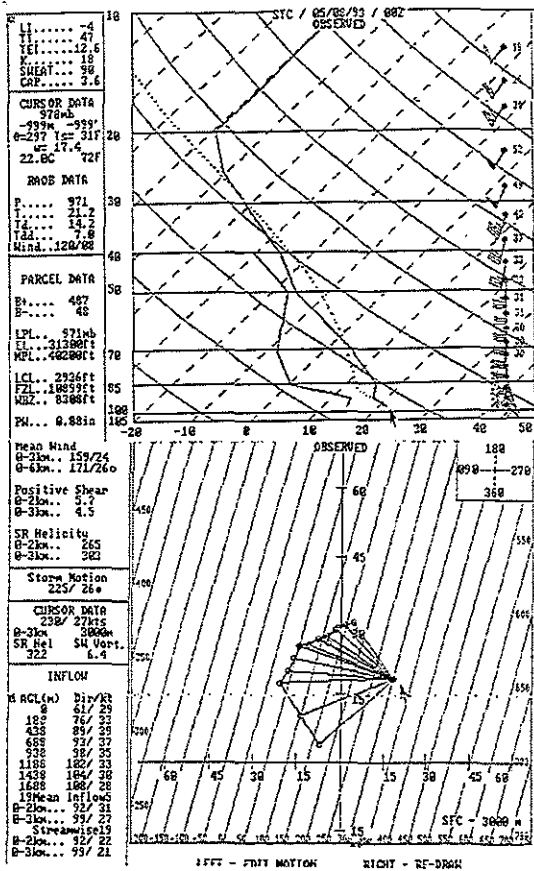


SATELLITE 0230Z 8 MAY









National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
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0600CST 05/08/93 - 0600CST 05/09/93

Total Non-Tornadic Reports: 113

Large Hail Reports... 69 Damaging Wind Reports... 44

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	26	18	18	7	0	0	69
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

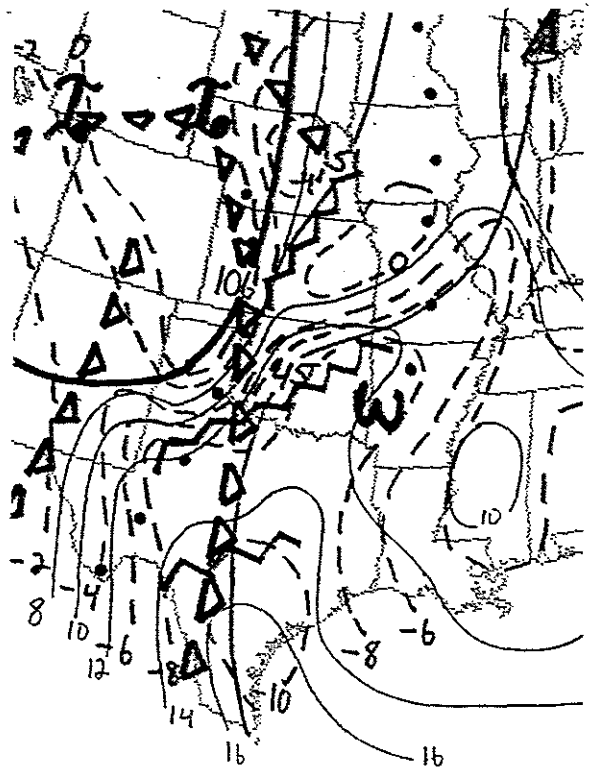
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	21	8	11	3	1	0	44
Fatalities	0	0	0	0	0	0	0
Injuries	18	0	3	3	0	0	24

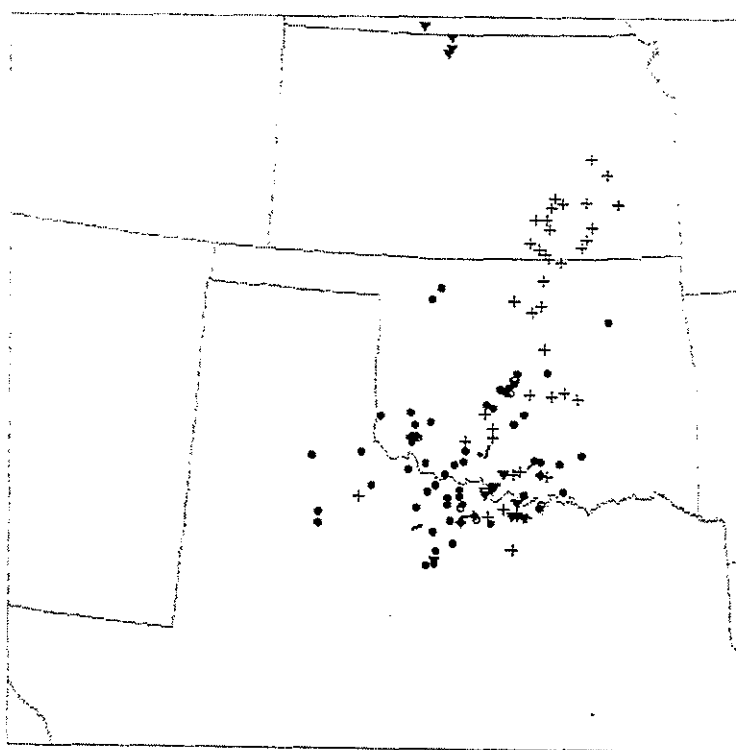
Number of Tornado Segments: 21

TORNADO SEGMENTS

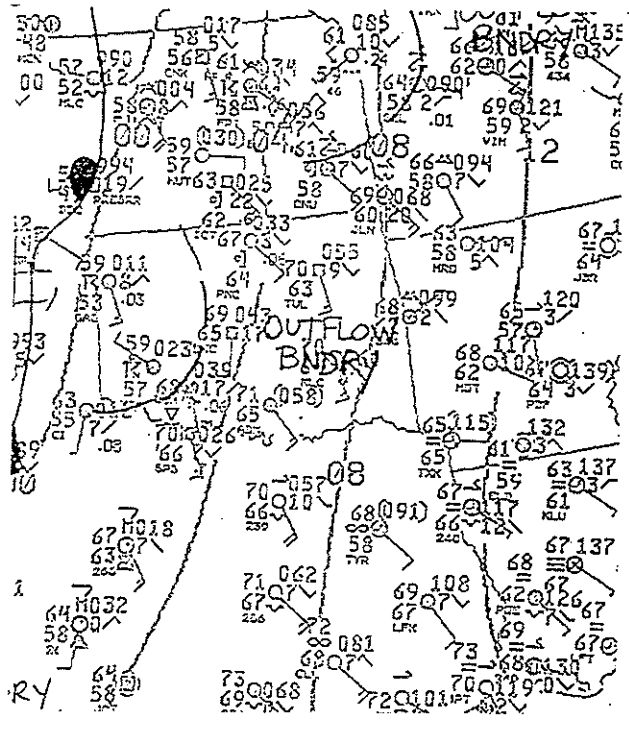
	F0	F1	F2	F3	F4	F5	TOT
Segments	13	8	0	0	0	0	21
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



SURFACE MAP 12Z



0600CST 05/08/93 - 0600CST 05/09/93

# SATURDAY MAY 8TH, 1993

## SIGNIFICANT HAIL EVENTS

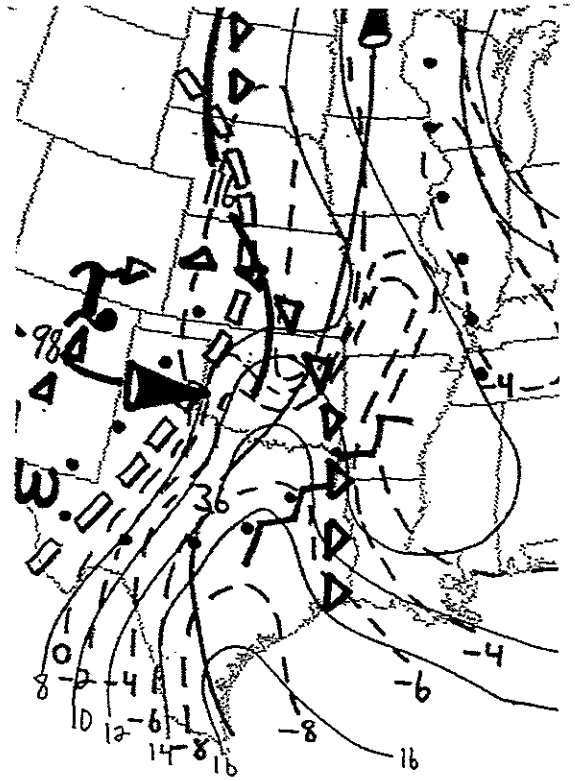
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
MAY 08	1355	2.50 INCH	OK-sw	JACKSON..1 N ALTUS	-	----
MAY 08	1405	2.25 INCH	OK-sw	JACKSON..ALTUS	-	----
MAY 08	1423	2.50 INCH	TX-nc	WILBARGER..9 E GRAYBACK	-	----
MAY 08	1427	2.50 INCH	OK-sw	JACKSON..2 W ALTUS	-	----
MAY 08	1515	2.75 INCH	OK-sw	JACKSON..4 S ALTUS	-	----
MAY 08	1555	2.75 INCH	OK-sw	JACKSON..5 E ALTUS	-	----
MAY 08	1600	2.75 INCH	TX-nc	ARCHER..HOLLIDAY	-	----

7 TOTAL

## SIGNIFICANT WIND EVENTS

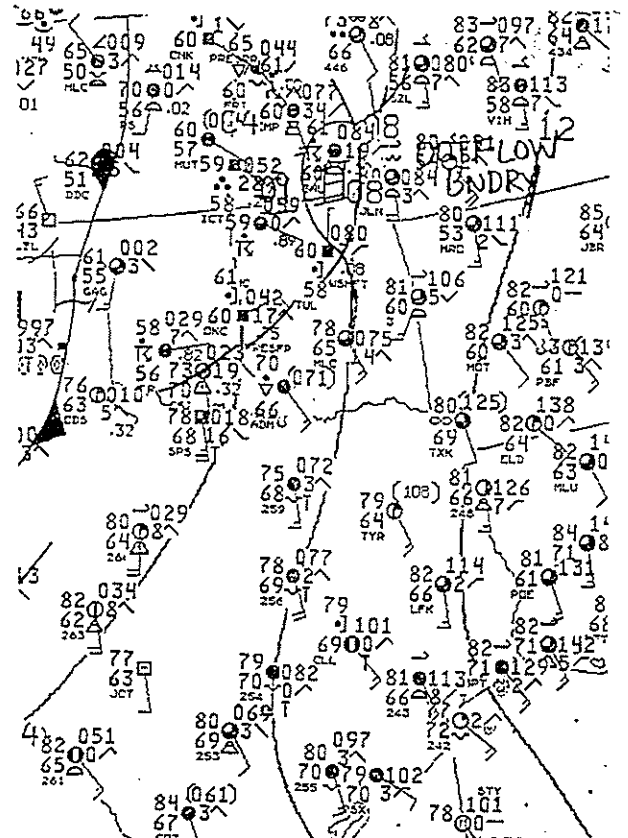
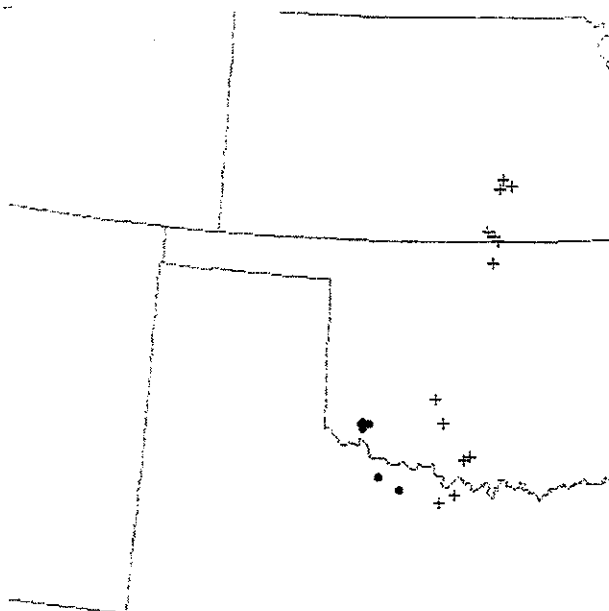
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
MAY 08	0730	74 MPH GUST	OK-nc	KAY..PONCA CITY	-	3	1 M
MAY 08	0730	80 MPH GUST	KS-sc	COWLEY..ARKANSAS CITY	-	3	1 M
MAY 08	0735	75 MPH GUST	KS-sc	COWLEY..GUEDA SPRINGS	-	-	----
MAY 08	0743	80 MPH GUST	KS-sc	COWLEY..ARKANSAS CITY	-	-	----
MAY 08	0810	80 MPH GUST	KS-sc	BUTLER..EL DORADO	-	-	1 M
MAY 08	0820	75 MPH GUST	KS-sc	BUTLER..3 E AUGUSTA	-	-	----
MAY 08	0837	75 MPH GUST	KS-sc	BUTLER..4 NE LEON	-	-	----
MAY 08	0845	75 MPH GUST	KS-sc	GREENWOOD..5 S EUREKA	-	-	----
MAY 08	1230	WIND DAMAGE	OK-sc	GRADY..9 SW CHICKASHA	-	-	----
MAY 08	1655	75 MPH GUST	OK-sc	STEPHENS..MARLOW	-	-	----
MAY 08	1808	WIND DAMAGE	OK-sc	CARTER..HEALDTON	-	6	2 M
MAY 08	1820	100 MPH GUST	OK-sc	JEFFERSON..RINGLING	-	-	----
MAY 08	1856	75 MPH GUST	TX-nc	CLAY..BELLVUE	-	-	----
MAY 08	1930	75 MPH GUST	OK-sc	CARTER..ARDMORE	-	-	----
MAY 08	1935	75 MPH GUST	TX-nc	MONTAGUE..BELLVUE	-	-	----

15 TOTAL

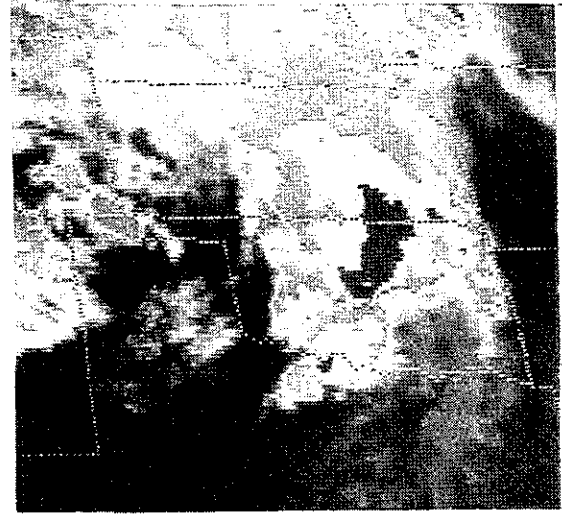
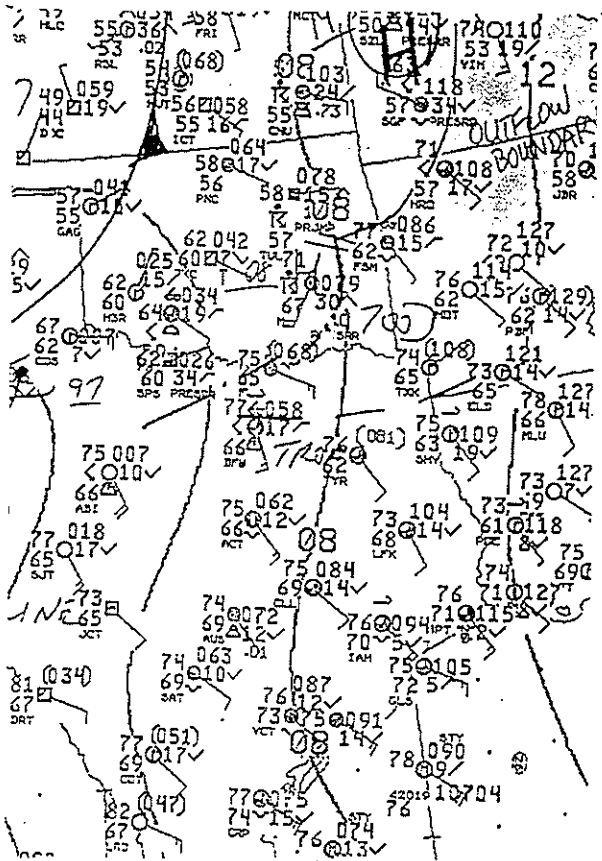


## SURFACE MAP 18Z

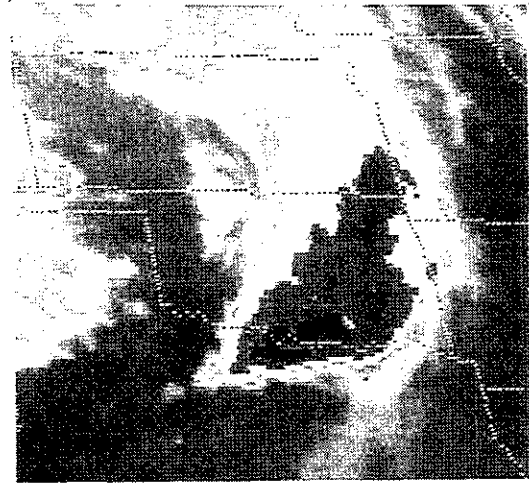
### SIGNIFICANT EVENTS MAP



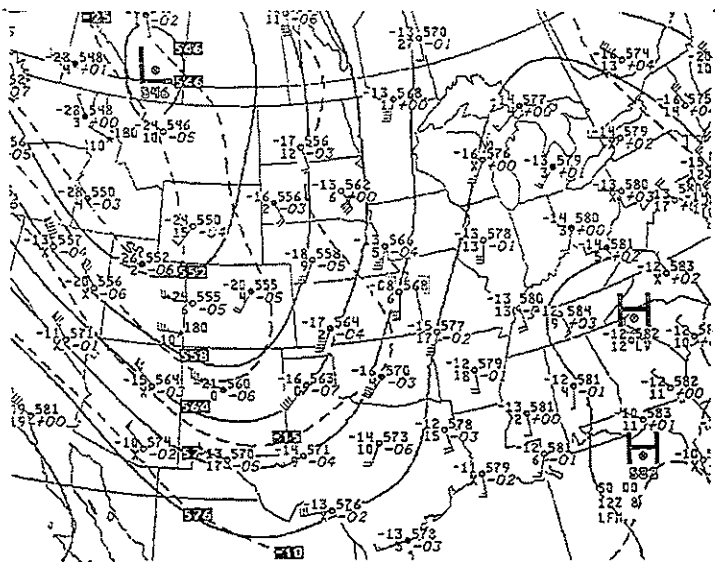
SURFACE MAP 03Z



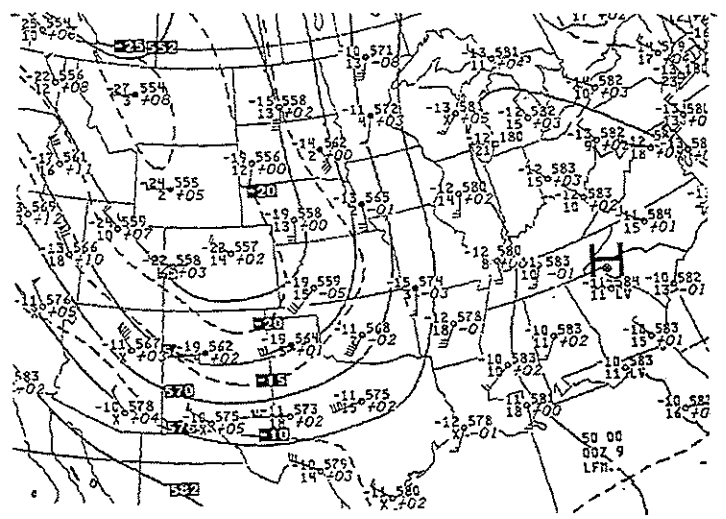
SATELLITE 01Z 9 MAY



500 MB 12Z



500 MB 00Z





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0600CST 05/09/93 - 0600CST 05/10/93

Total Non-Tornadic Reports: 115

Large Hail Reports... 49      Damaging Wind Reports... 66

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	27	8	14	0	0	0	49
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

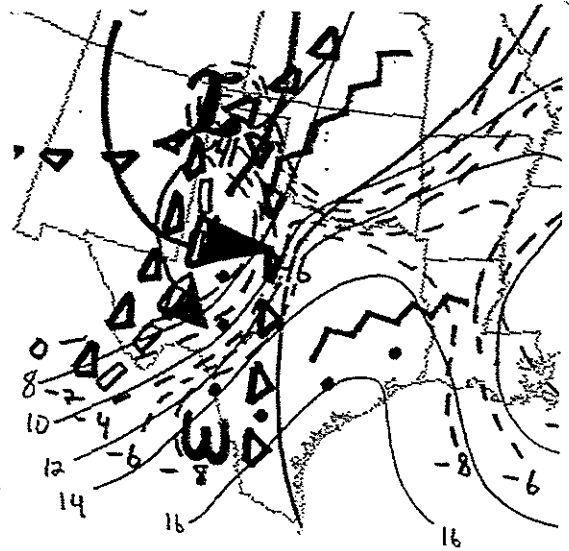
DAMAGING WIND

	WNDC	50	60	70	80	90	TOT
Wind	54	5	5	2	0	0	66
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

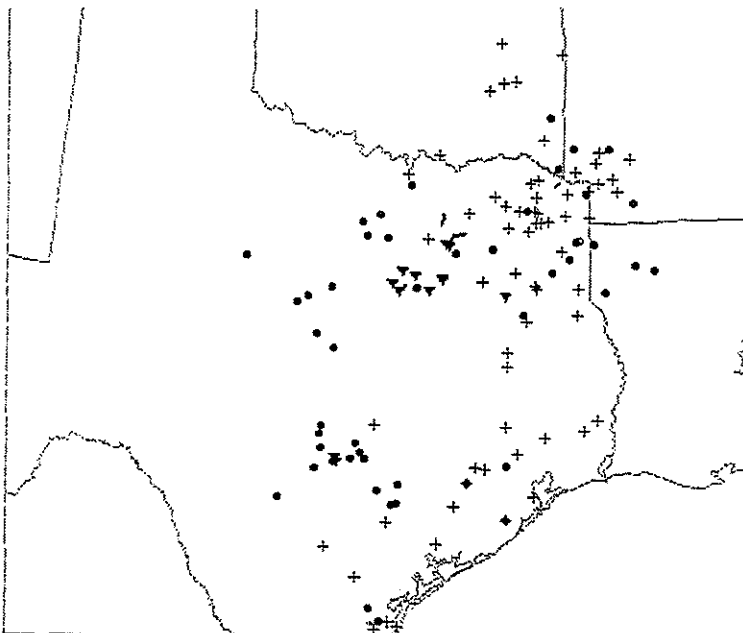
Number of Tornado Segments: 19

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	11	7	1	0	0	0	19
Fatalities	0	0	1	0	0	0	1
Injuries	0	1	62	0	0	0	63

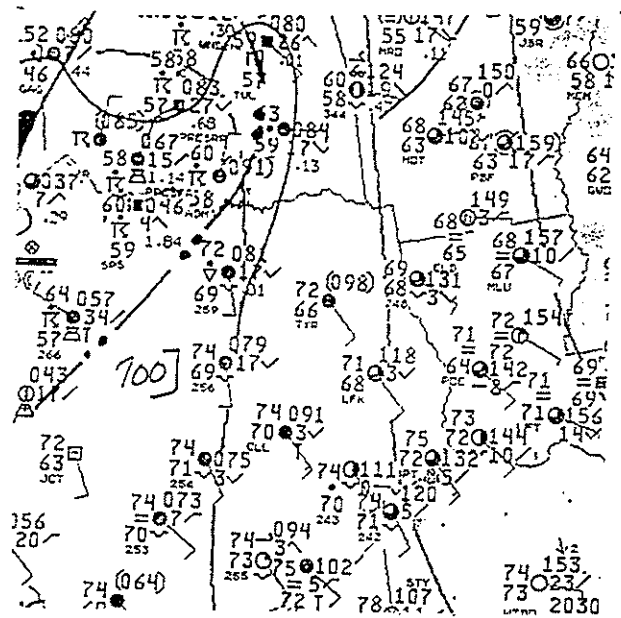


ALL SEVERE REPORTS



0600CST 05/09/93 - 0600CST 05/10/93

SURFACE MAP 12Z



SIGNIFICANT EVENTS MAP

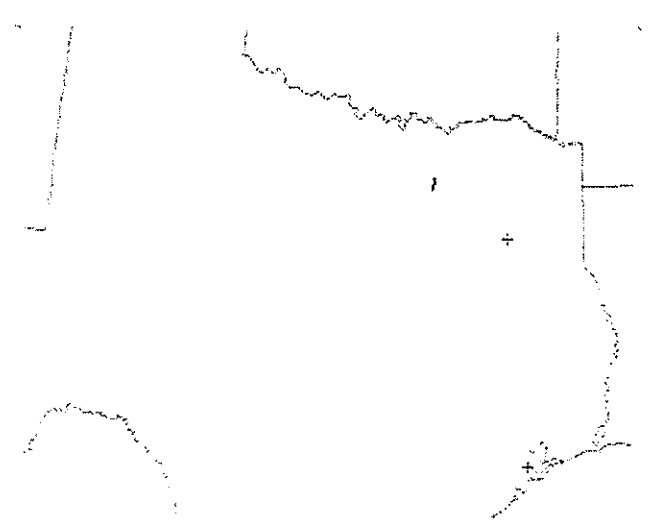
SUNDAY MAY 9TH, 1993

SIGNIFICANT TORNADO EVENTS

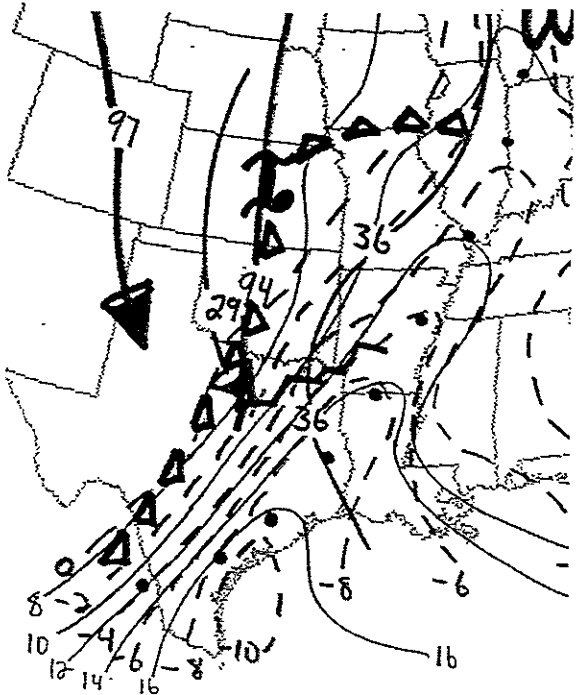
DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
MAY 09	1230	F-2	12.0 200	TX	WYLIE TO BRANCH	1	63	20 M
1 TOTAL						1	63	20 M

SIGNIFICANT WIND EVENTS

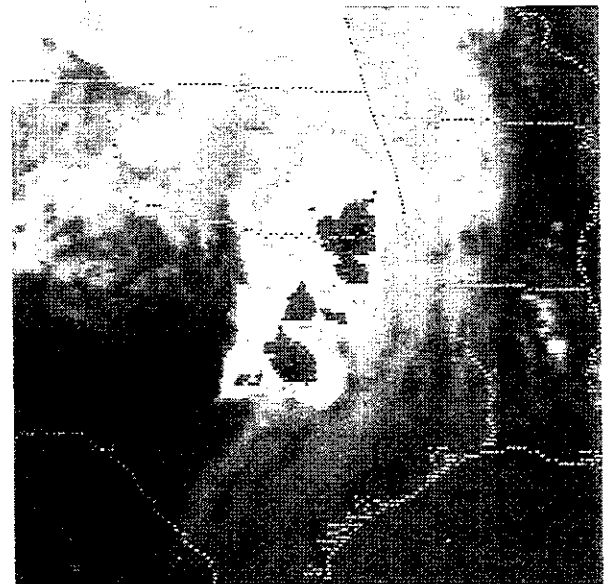
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG	
MAY 09	1705	80 MPH GUST	TX	SMITH..TYLER	-	-	---	
1 TOTAL						-	-	---



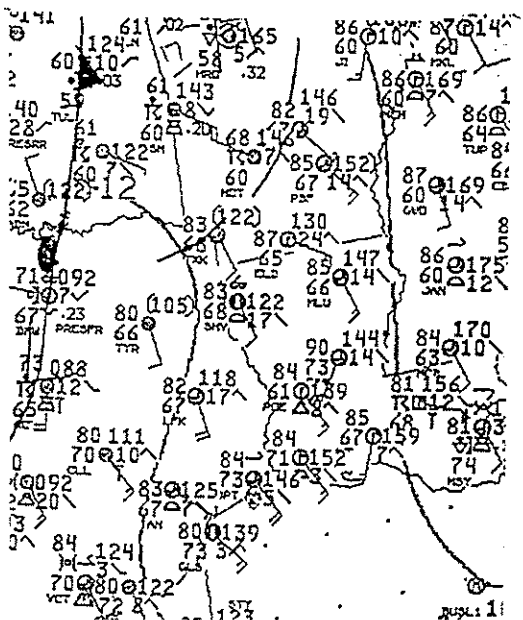
COMPOSITE MAP 00Z



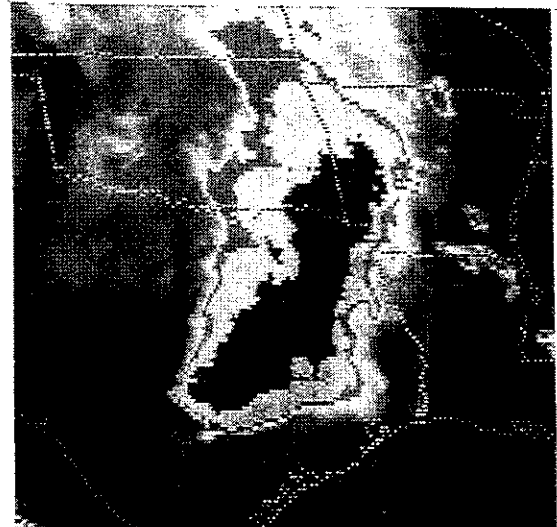
SATELLITE 20Z 9 MAY



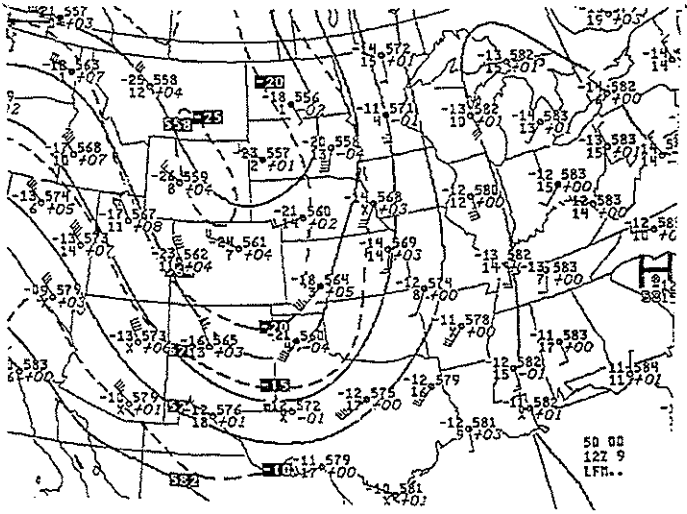
SURFACE MAP 21Z



SATELLITE 23Z 9 MAY







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/11/93 - 0600CST 05/12/93

Total Non-Tornadic Reports: 29

Large Hail Reports... 11      Damaging Wind Reports... 18

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	10	0	1	0	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

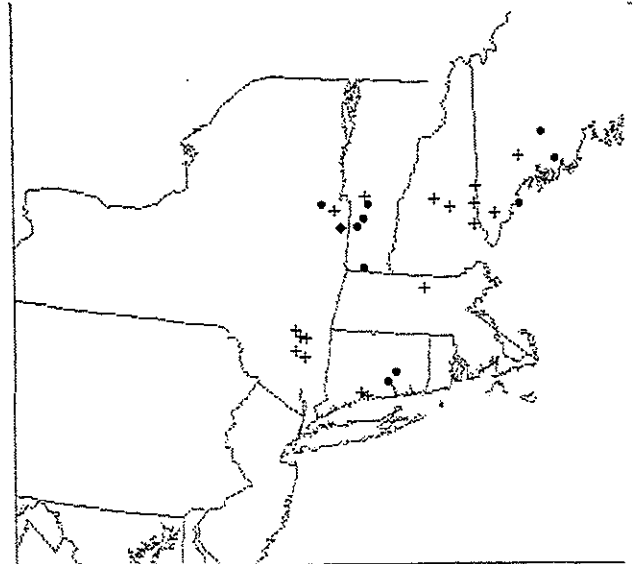
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	15	1	1	1	0	0	18
Fatalities	0	0	0	0	0	0	0
Injuries	3	0	0	0	0	0	3

Number of Tornado Segments: 0

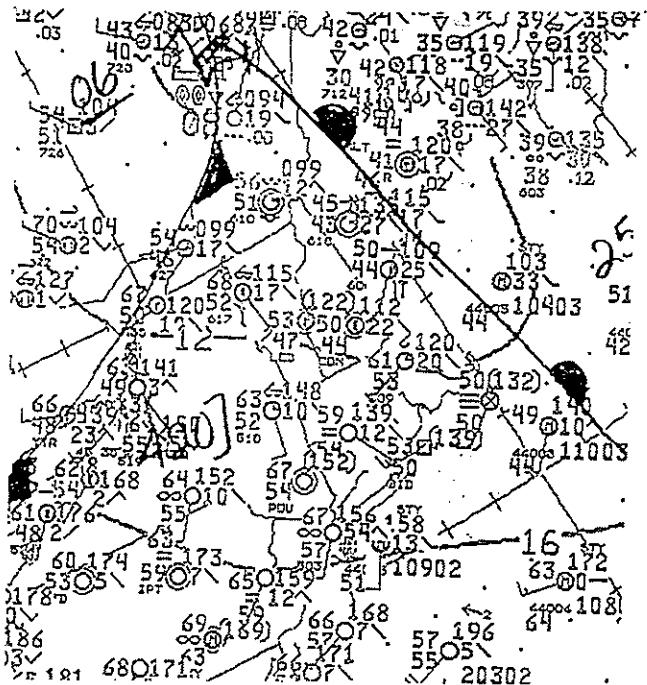
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

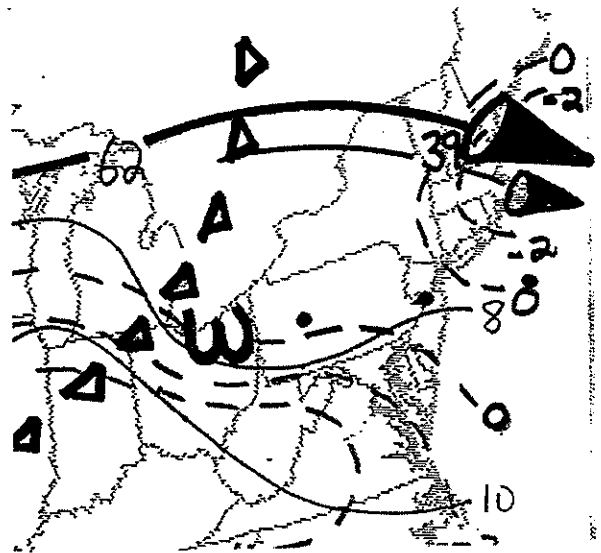


0600CST 05/11/93 - 0600CST 05/12/93

SURFACE MAP 18Z



COMPOSITE MAP 12Z





SURFACE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/12/93 - 0600CST 05/13/93

Total Non-Tornadoic Reports: 3

Large Hail Reports... 1      Damaging Wind Reports... 2

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	1	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

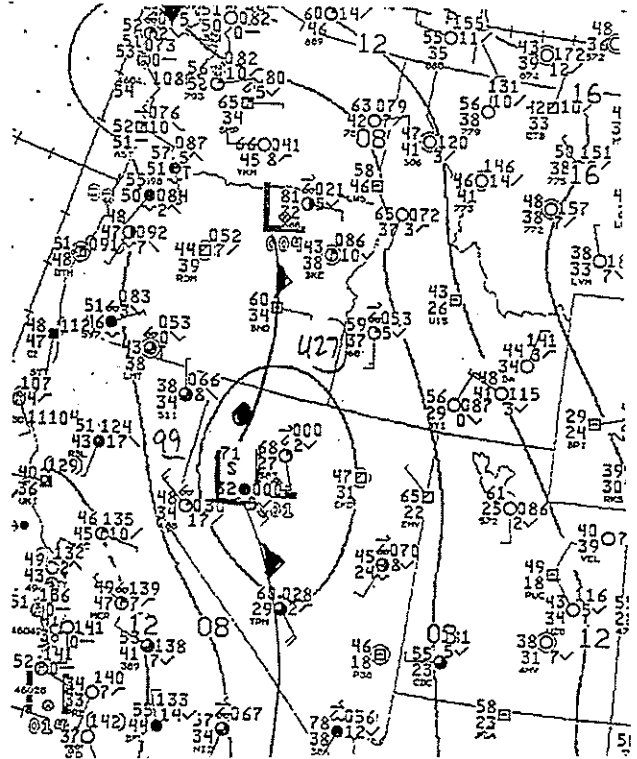
DAMAGING WIND

	WNDC	50	60	70	80	90	TOT
Wind	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

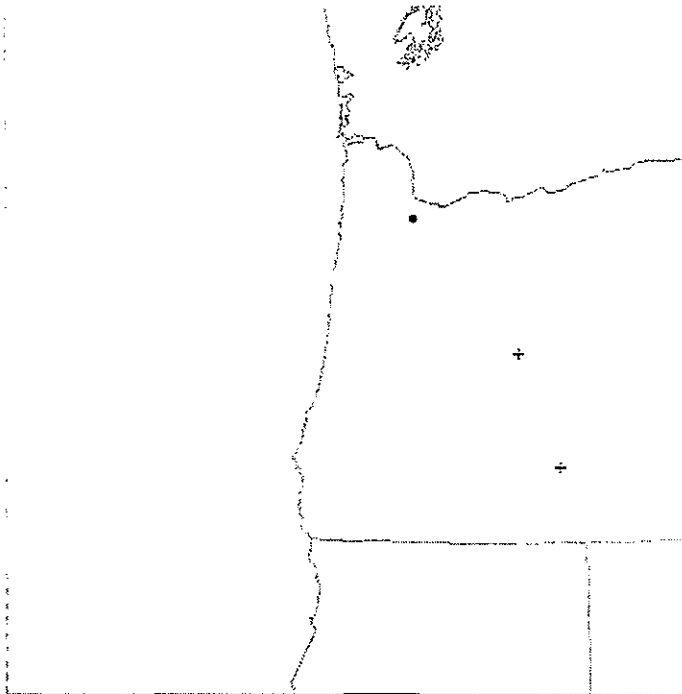
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

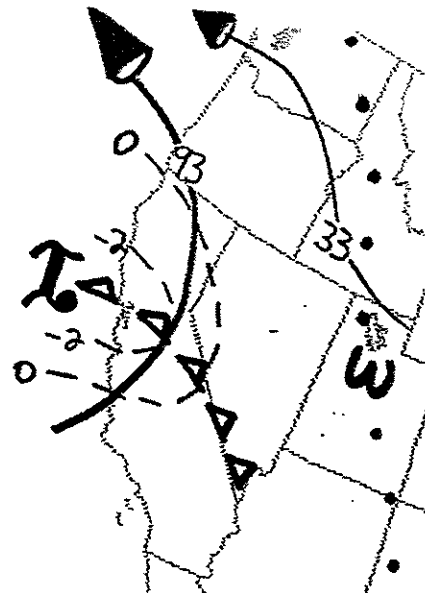


ALL SEVERE REPORTS



0600CST 05/12/93 - 0600CST 05/13/93

COMPOSITE MAP 12Z



# CASE NO. 99

COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/12/93 - 0600CST 05/13/93

Total Non-Tornadoic Reports: 65

Large Hail Reports... 31      Damaging Wind Reports... 34

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	19	7	5	0	0	0	31
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

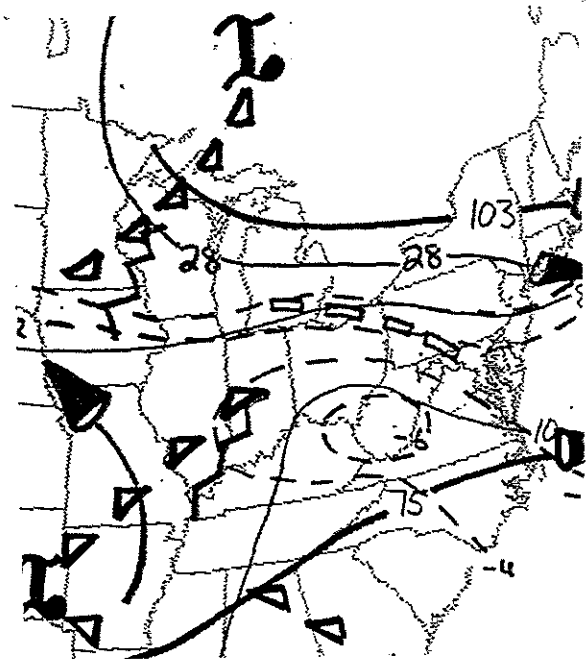
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	27	5	2	0	0	0	34
Fatalities	0	0	0	0	0	0	0
Injuries	9	0	0	0	0	0	9

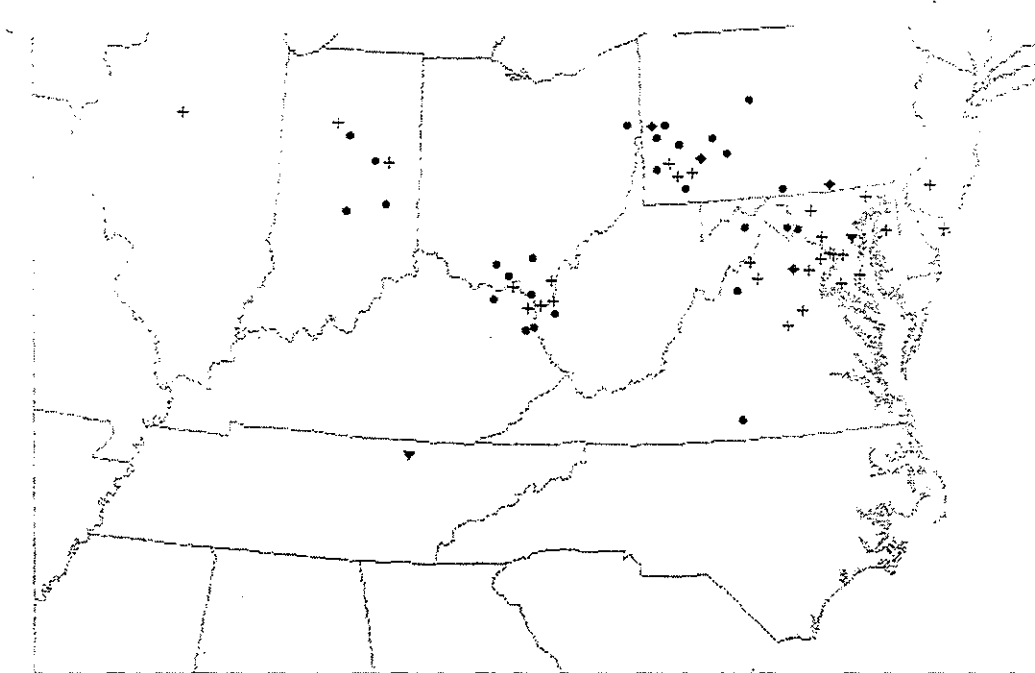
Number of Tornado Segments: 2

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



### ALL SEVERE WEATHER REPORTS



0600CST 05/12/93 - 0600CST 05/13/93

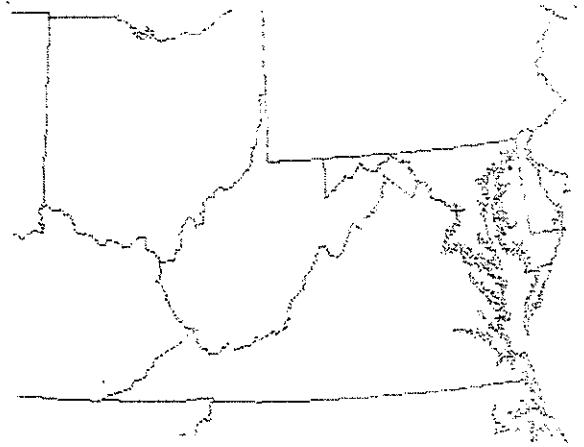
SEVERE WEATHER REPORTS

SIGNIFICANT EVENTS MAP

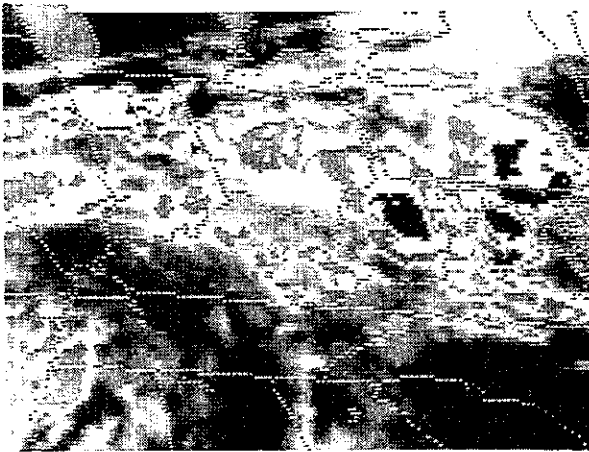
WEDNESDAY MAY 12TH, 1993

SIGNIFICANT WIND EVENTS

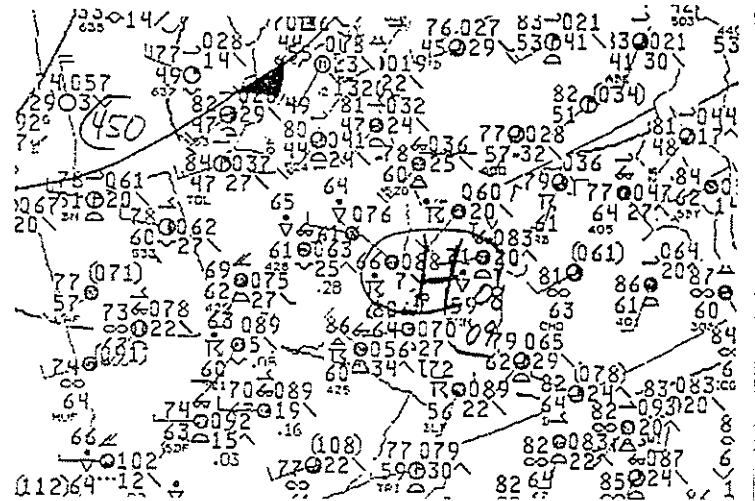
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
MAY 12	1635	WIND DAMAGE	DC	DISTRICT OF COLUMBIA		1	11	---
1 TOTAL						1	11	---



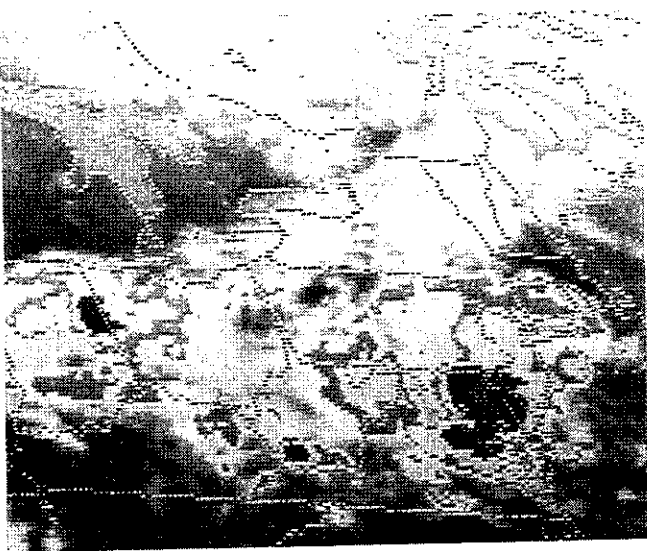
SATELLITE 21Z 12 MAY



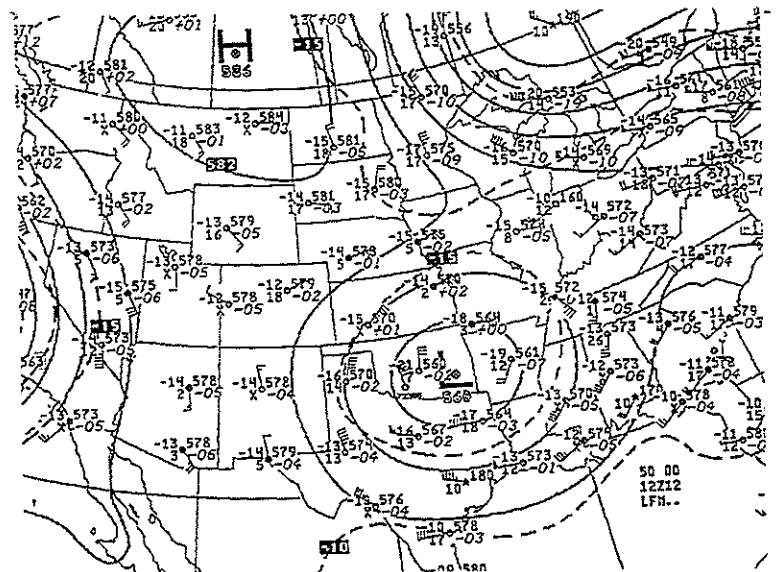
SURFACE MAP 18Z

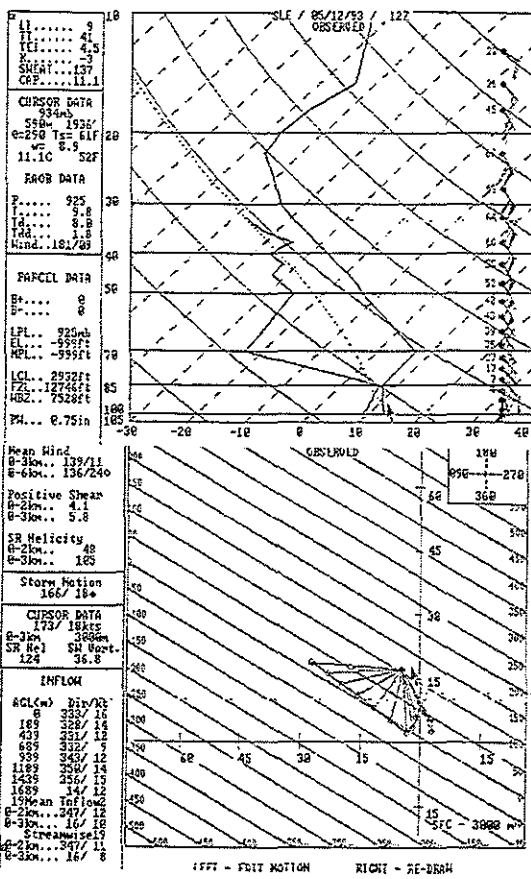
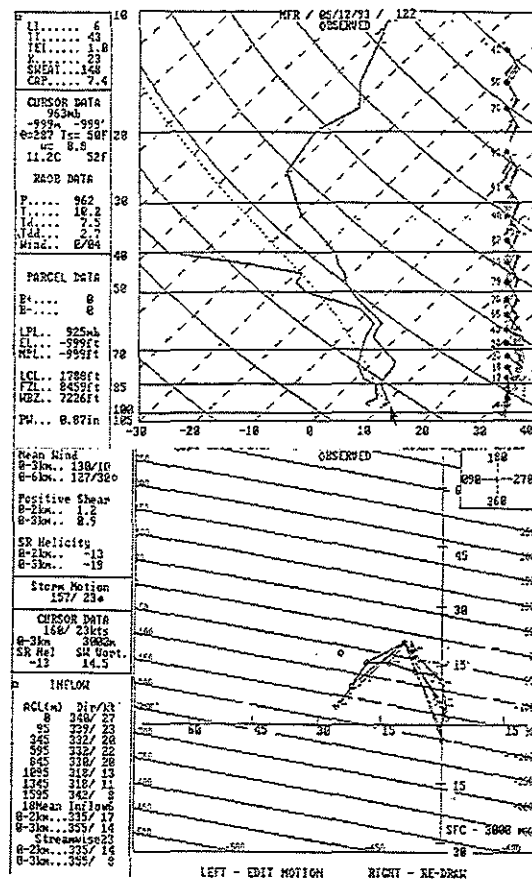
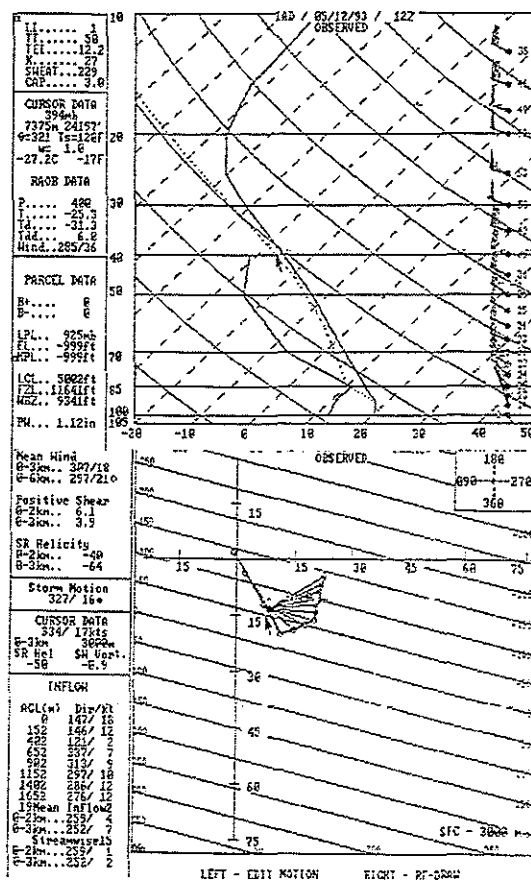
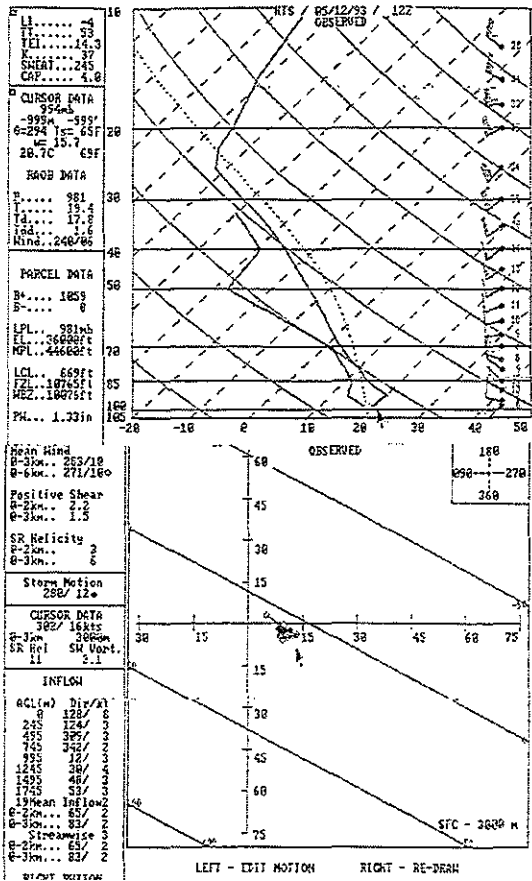


SATELLITE 23Z 12 MAY



500 MB 12Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/16/93 - 0600CST 05/17/93

Total Non-Tornadic Reports: 13

Large Hail Reports... 2      Damaging Wind Reports... 11

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	1	1	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

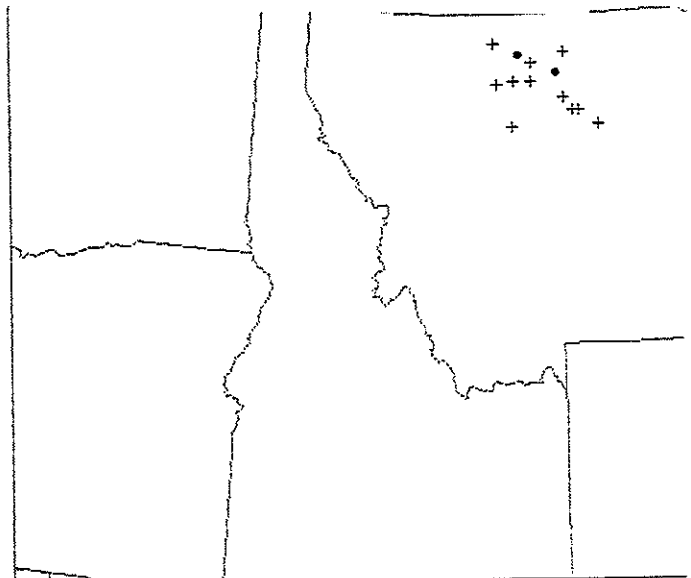
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	2	4	2	2	1	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

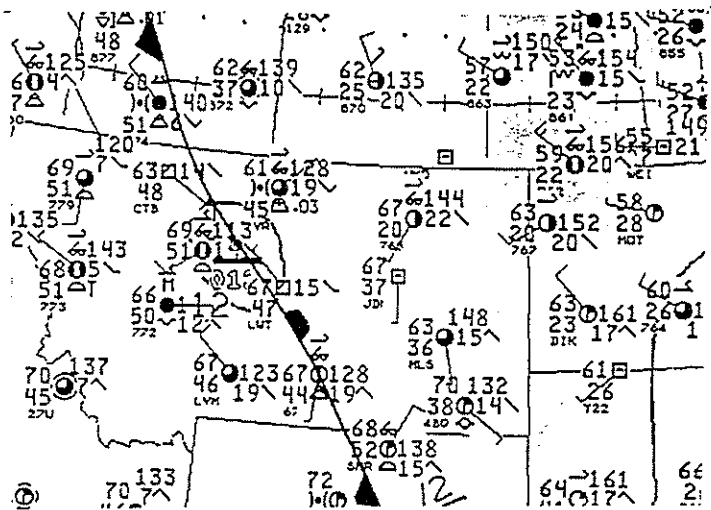
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

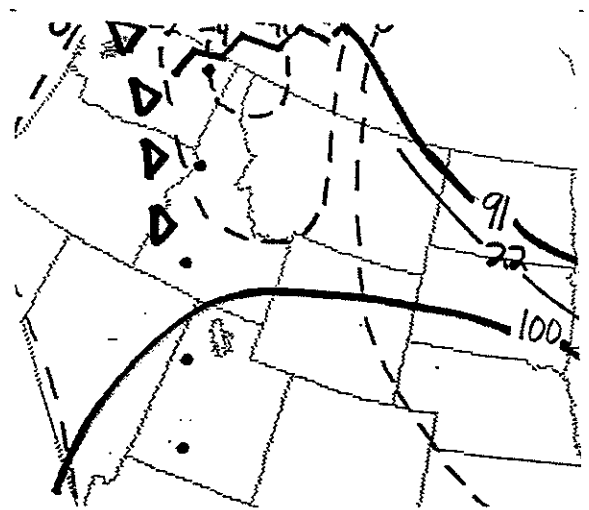


0600CST 05/16/93 - 0600CST 05/17/93

SURFACE MAP 18Z



COMPOSITE MAP 12Z





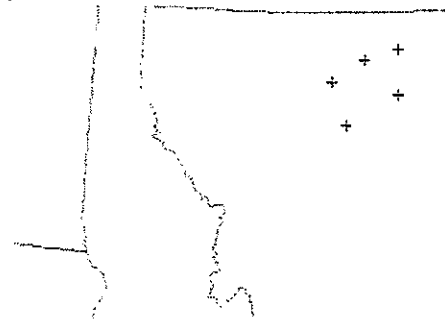
SIGNIFICANT EVENTS MAP

SUNDAY MAY 16TH, 1993

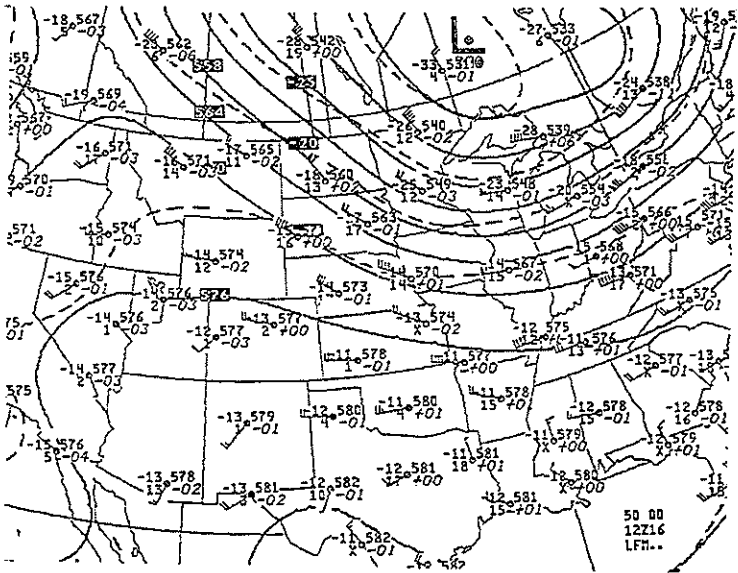
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
MAY 16	1440	75 MPH GUST	MT	PONDERA..	10 S VALIER	-	-	---
MAY 16	1505	86 MPH GUST	MT	TOOLE..	20 NE CONRAD	-	-	---
MAY 16	1550	92 MPH GUST	MT	TETON..	FAIRFIELD	-	-	---
MAY 16	1600	75 MPH GUST	MT	LIBERTY..	CHESTER	-	-	---
MAY 16	1615	80 MPH GUST	MT	CHOTEAU..	11 N CARTER	-	-	---

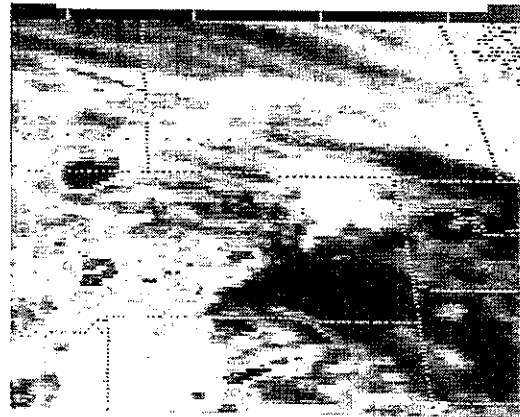
5 TOTAL - - - - -



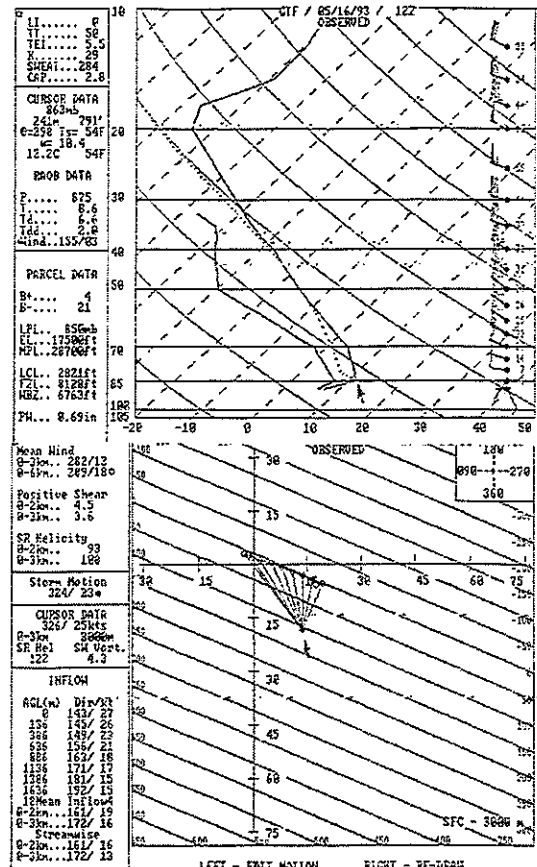
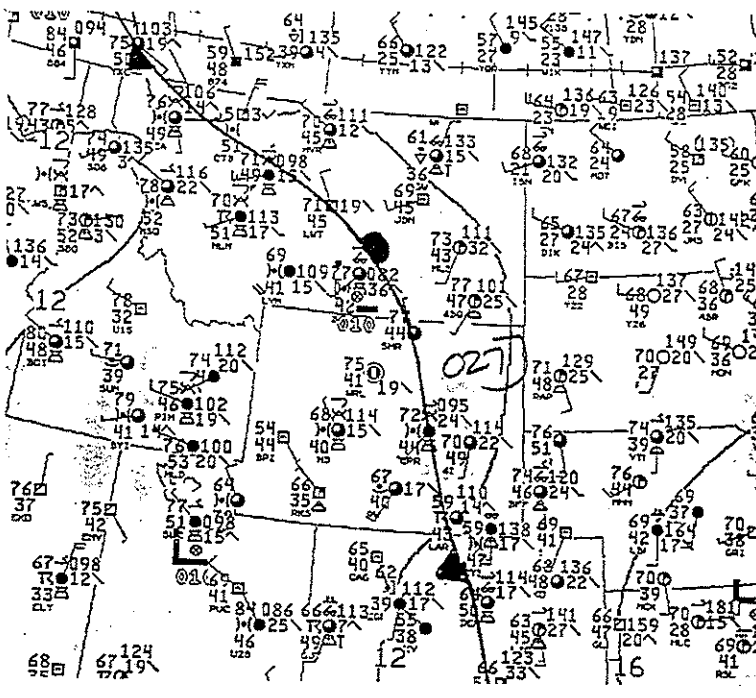
500 MB 12Z



SATELLITE 21Z 16 MAY



SURFACE MAP 21Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/17/93 - 0600CST 05/18/93

Total Non-Tornadoic Reports: 161

Large Hail Reports... 92      Damaging Wind Reports... 69

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	47	23	20	2	0	0	92
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

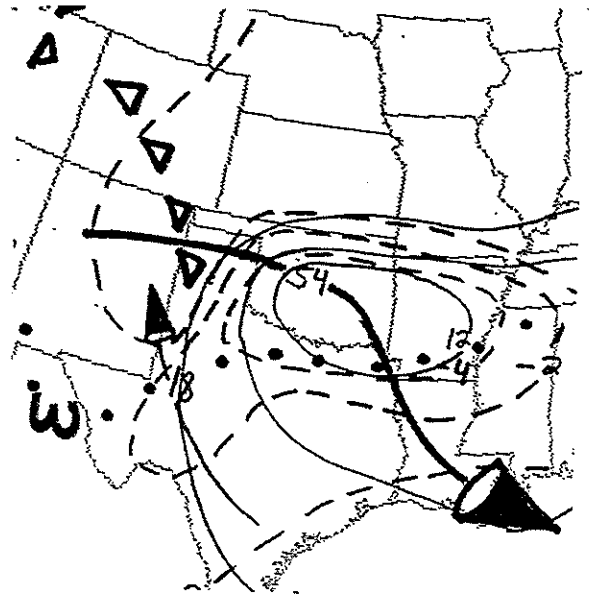
DAMAGING WIND

	WNDC	50	60	70	80	90	TOT
Wind	19	32	13	4	1	0	69
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

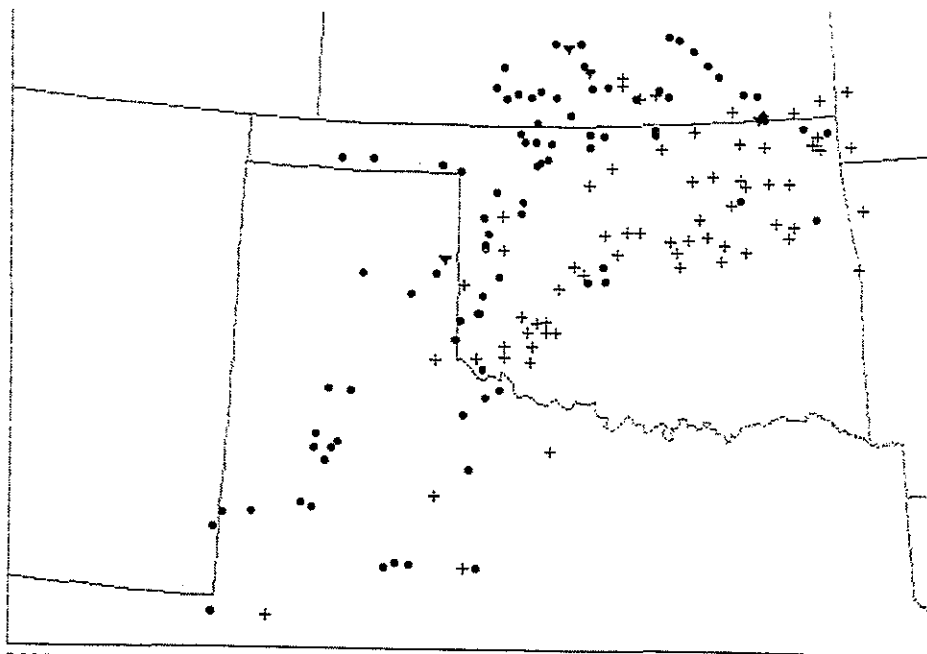
Number of Tornado Segments: 5

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	1	0	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE WEATHER REPORTS



0600CST 05/17/93 - 0600CST 05/18/93

SEVERE WEATHER

SIGNIFICANT EVENTS MAP

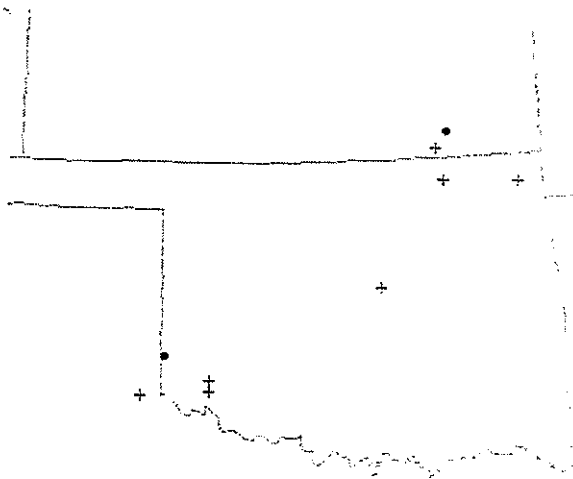
MONDAY MAY 17TH, 1993

SIGNIFICANT HAIL EVENTS

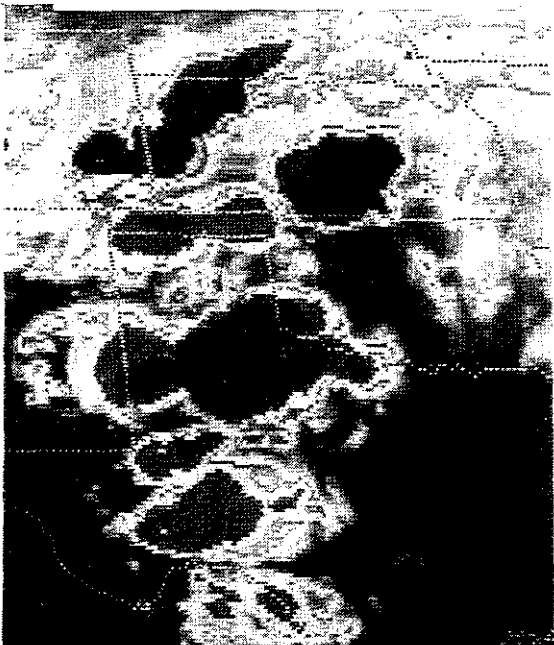
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
MAY 17	1640	2.00 INCH	TX-nc	FOARD..2 W CROWELL	-	---
MAY 17	1725	2.75 INCH	OK-sw	HARMON..6 NW VINSON	-	---
MAY 17	1950	2.50 INCH	KS-se	MONTGOMERY..ELK CITY	-	---
3 TOTAL					-	---

SIGNIFICANT WIND EVENTS

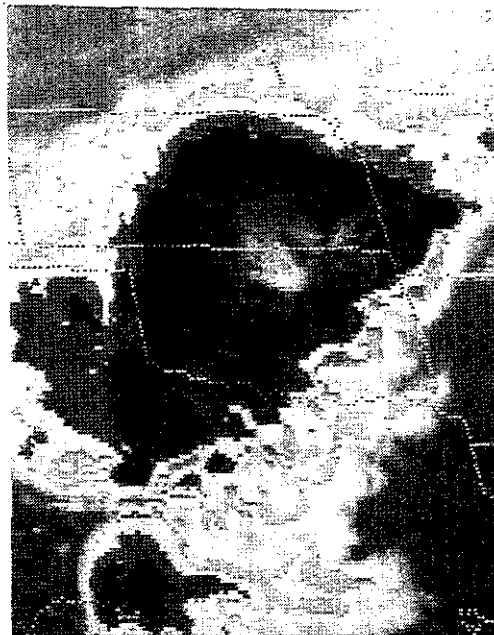
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
MAY 17	1700	75 MPH GUST	TX-nw	CHILDRESS..ESTELLINE	-	-	---
MAY 17	1805	80 MPH GUST	OK-sw	JACKSON..3 S ALTUS	-	-	---
MAY 17	1808	95 MPH GUST	OK-sw	JACKSON..ALTUS AFB	-	-	---
MAY 17	2027	80 MPH GUST	TX-wc	STONEWALL..ASPERMONT	-	-	---
MAY 17	2045	80 MPH GUST	KS-se	CHAUTAUQUA..PERU	-	-	---
MAY 17	2100	80 MPH GUST	OK-ne	WASHINGTON..BARTLESVILLE	-	-	---
MAY 17	2120	75 MPH GUST	OK-c	LINCOLN..4 SW CHANDLER	-	-	---
MAY 17	2215	75 MPH GUST	OK-ne	OTTAWA..AFTON	-	-	---
8 TOTAL					-	-	---

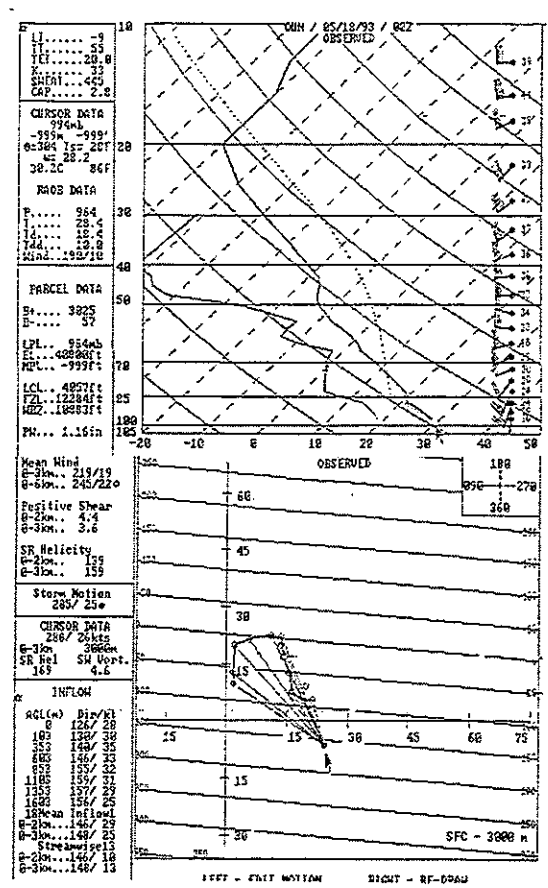
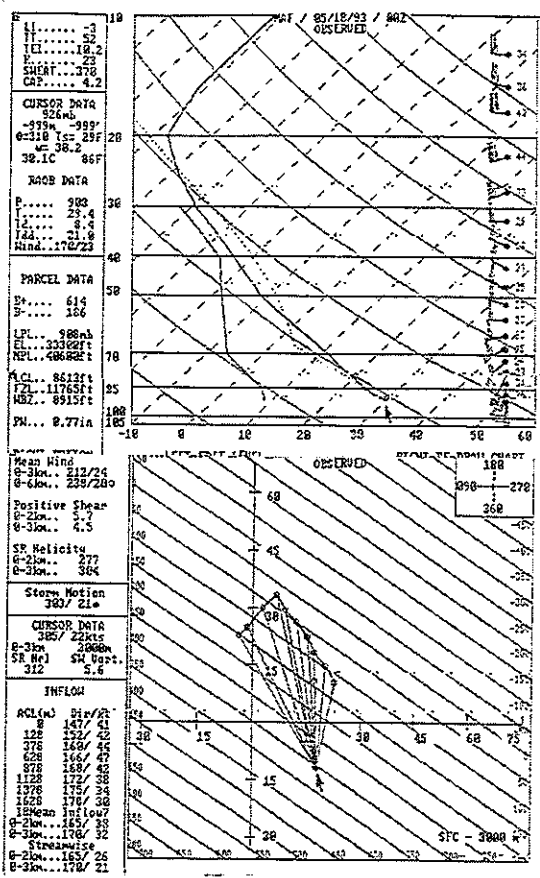
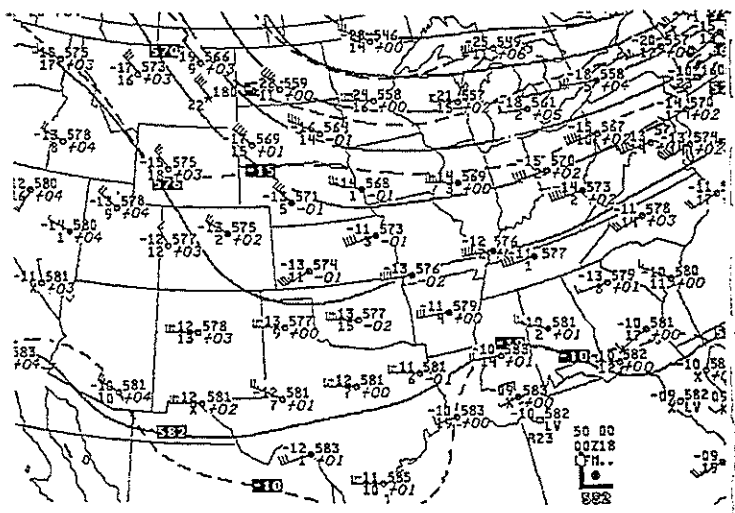
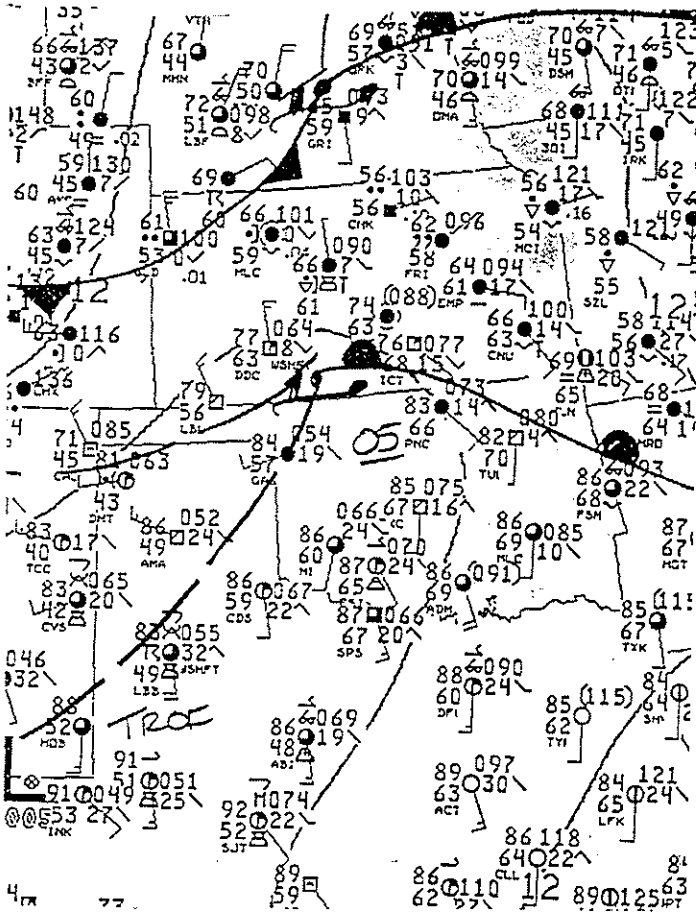


SATELLITE 2330Z 17 MAY



SATELLITE 03Z 18 MAY





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
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0600CST 05/18/93 - 0600CST 05/19/93

Total Non-Tornadic Reports: 87

Large Hail Reports... 44      Damaging Wind Reports... 43

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	17	10	16	1	0	0	44
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

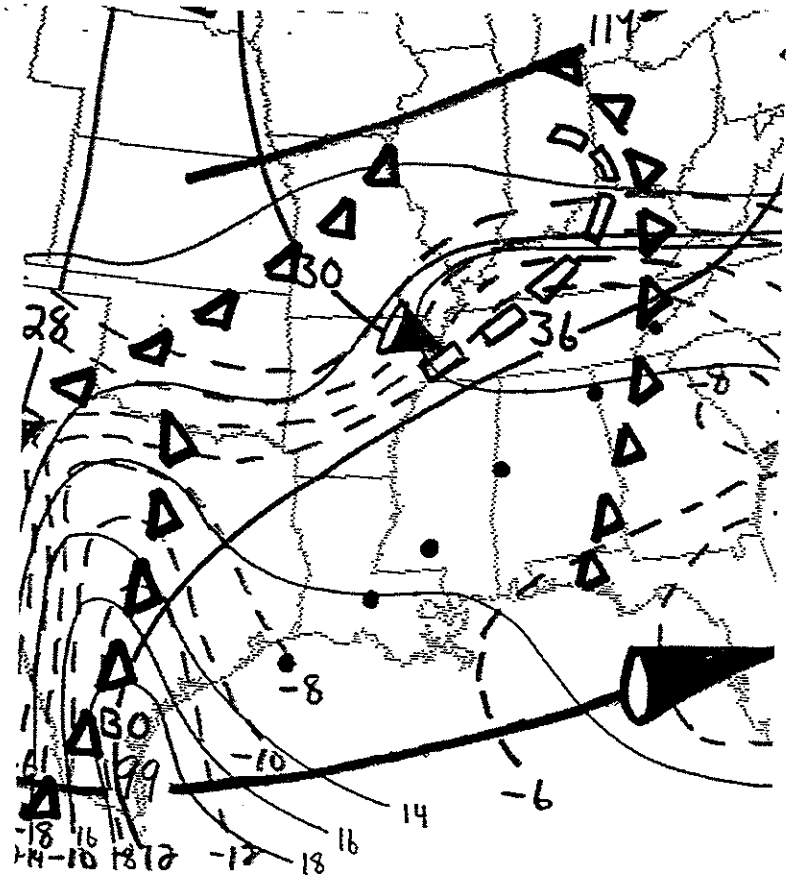
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	41	1	1	0	0	0	43
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	0	0	0	0	1

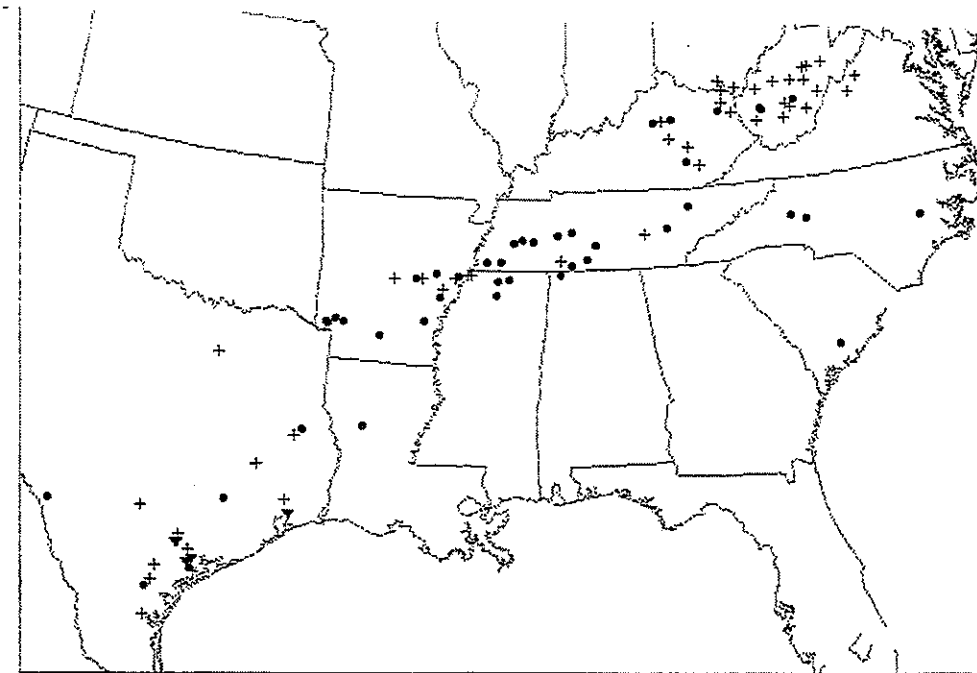
Number of Tornado Segments: 5

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	5	0	0	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE WEATHER REPORTS



0600CST 05/18/93 - 0600CST 05/19/93

SEVERE WEATHER RE

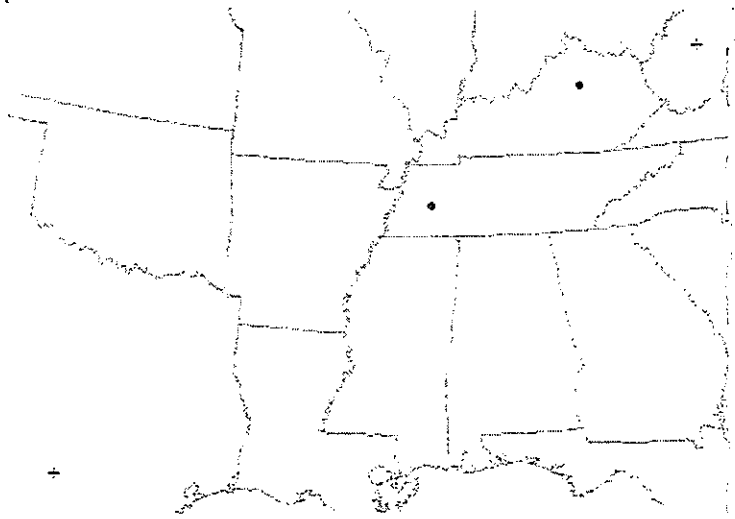
TUESDAY MAY 18TH, 1993

SIGNIFICANT RAIN EVENTS

DATE	TIME	EVENT	STATE	COUNTY	LOCATION	INJ	DMG
MAY 18	1300	1.50 INCH	KY	FAYETTE CO.		-	5 M
MAY 18	1620	2.75 INCH	TN	MADISON	JACKSON	-	---
2 TOTAL						-	5 M

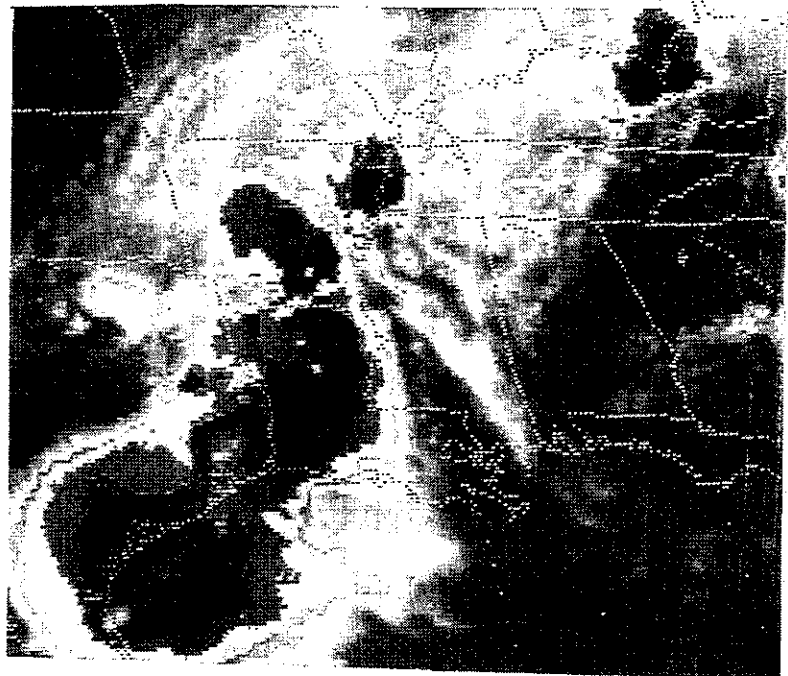
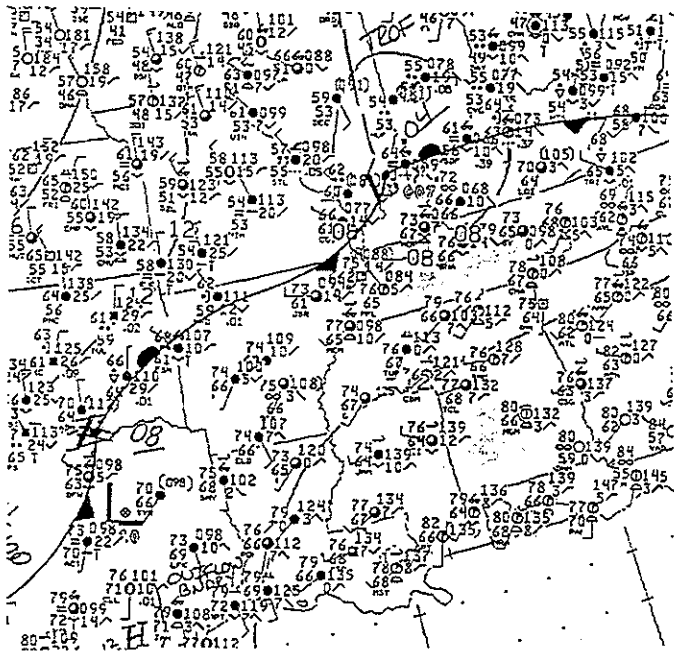
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY	LOCATION	KIL	INJ	DMG
MAY 18	1025	75 MPH GUST	TX	BEXAR	UNIVERSAL CITY	-	-	---
MAY 18	1545	WIND DAMAGE	WV	BRAXTON	FRAMETOWN	-	1	---
2 TOTAL						-	1	---



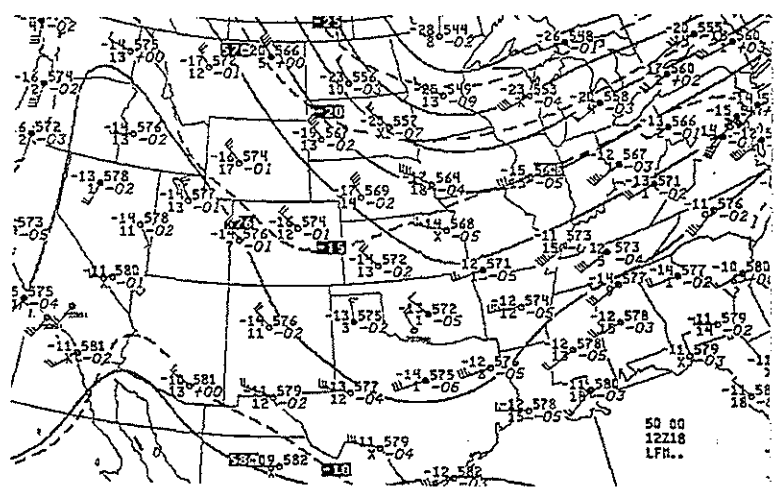
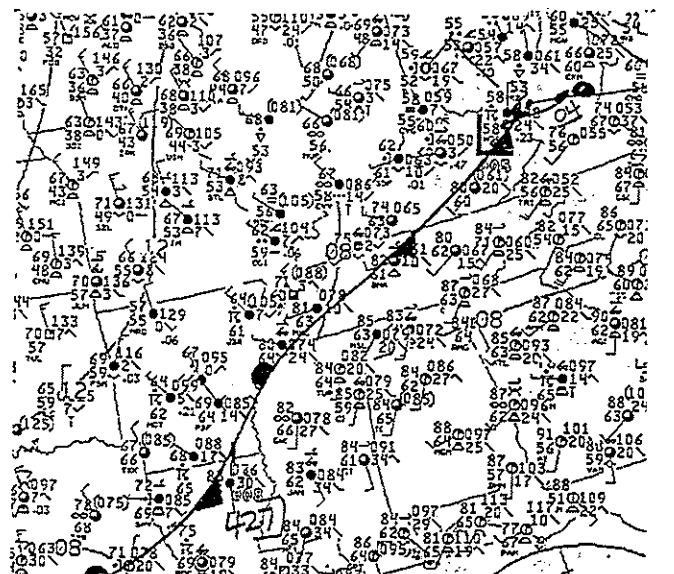
SURFACE MAP 15Z

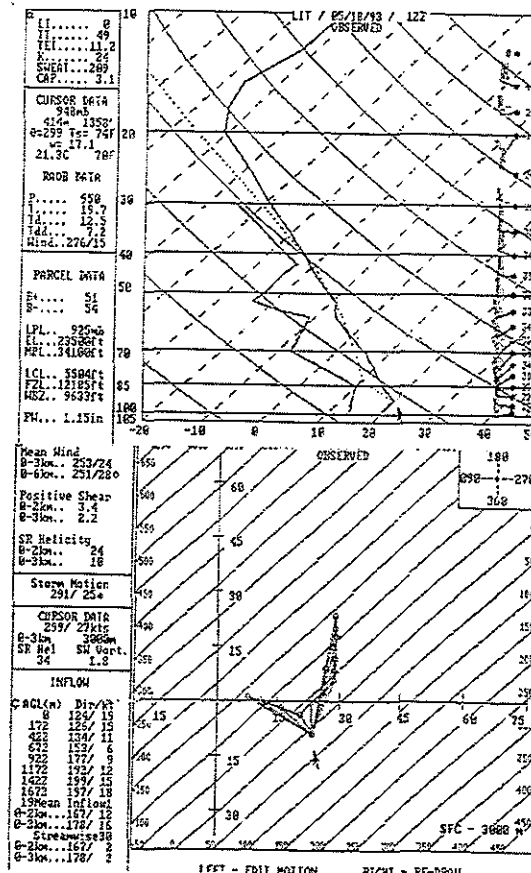
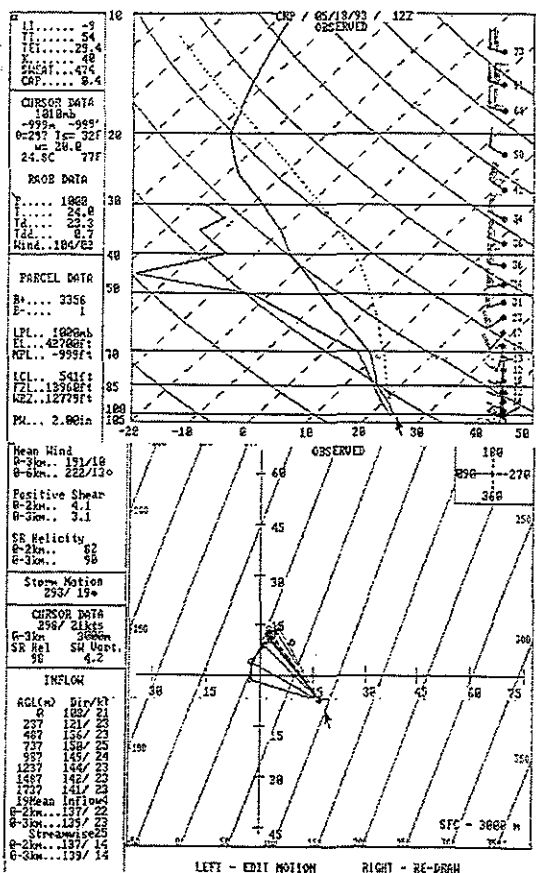
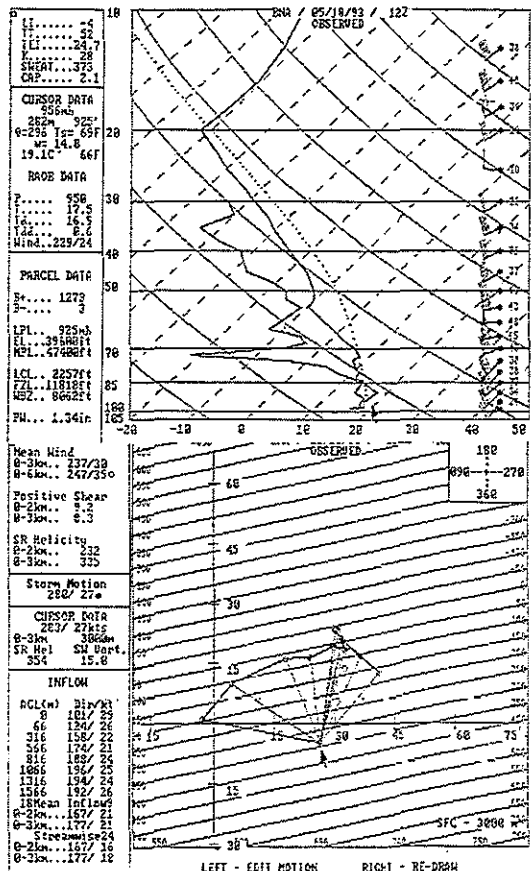
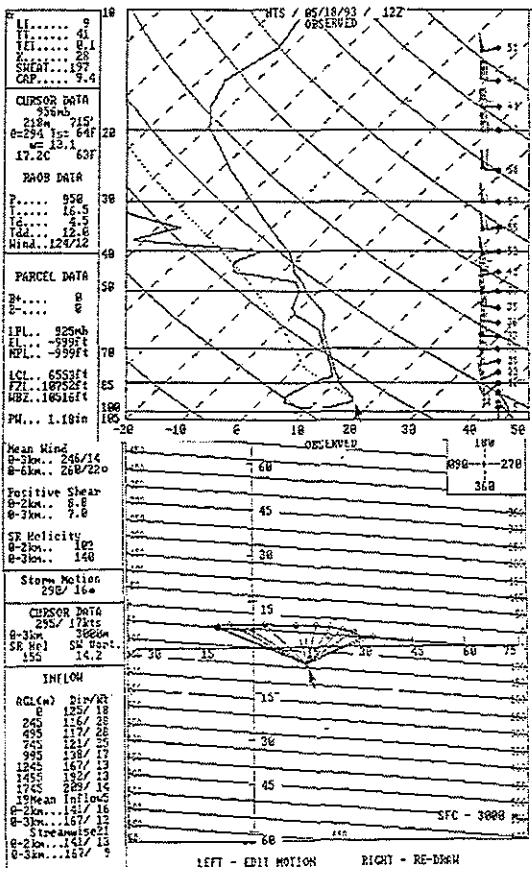
SATELLITE 21Z 18 MAY



SURFACE MAP 21Z

500 MB 12Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/19/93 - 0600CST 05/20/93

Total Non-Tornadic Reports: 6

Large Hail Reports... 1      Damaging Wind Reports... 5

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	1	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

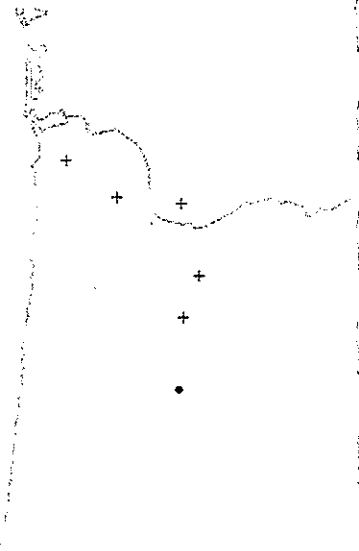
	WINDG	50	60	70	80	90	TOT
Wind	5	0	0	0	0	0	5
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 0

TORNADO SEGMENTS

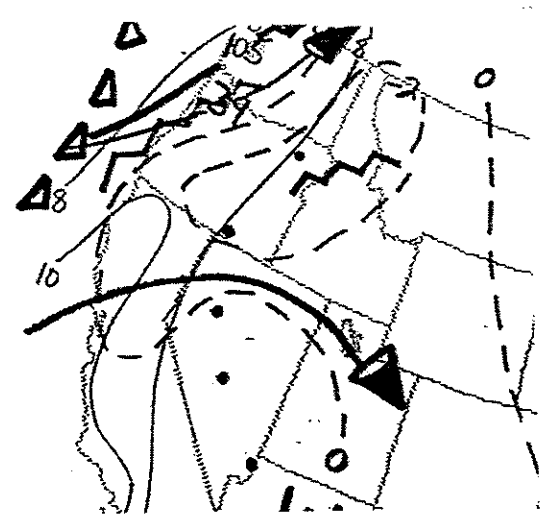
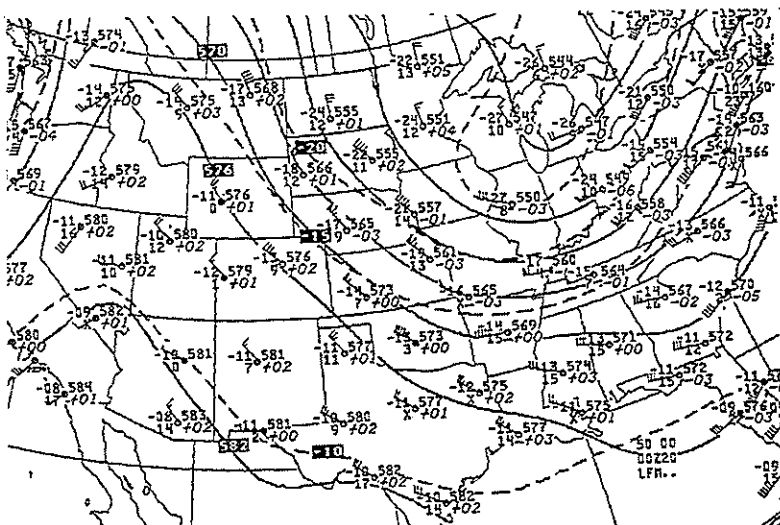
	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

0600CST 05/19/93 - 0600CST 05/20/93



500 MB 00Z

COMPOSITE MAP 00Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 05/19/93 - 0600CST 05/20/93

Total Non-Tornadoic Reports: 27

Large Hail Reports... 23      Damaging Wind Reports... 4

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	12	2	8	1	0	0	23
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

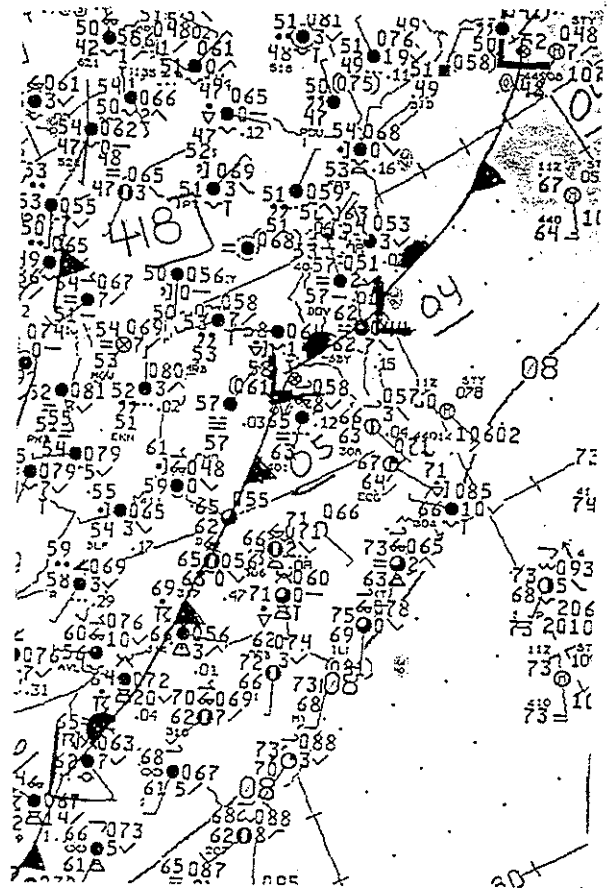
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	3	0	1	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

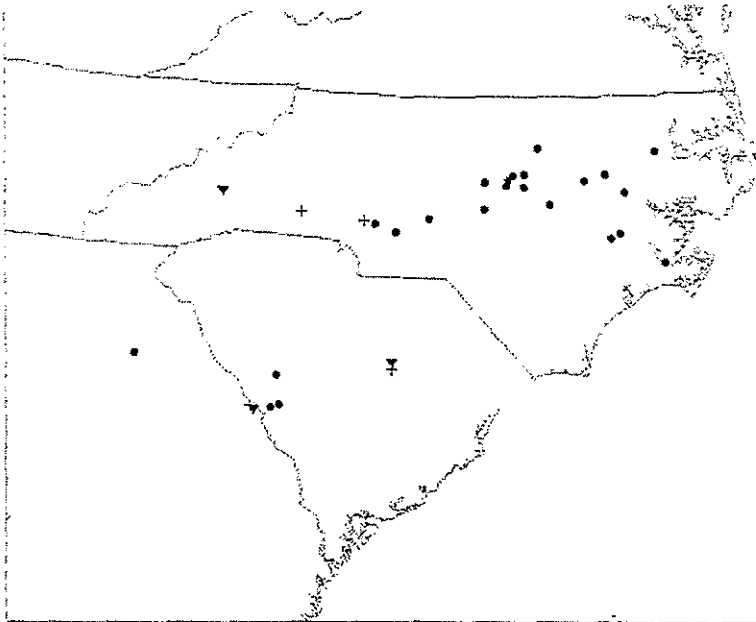
Number of Tornado Segments: 4

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	0	0	0	0	0	4
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



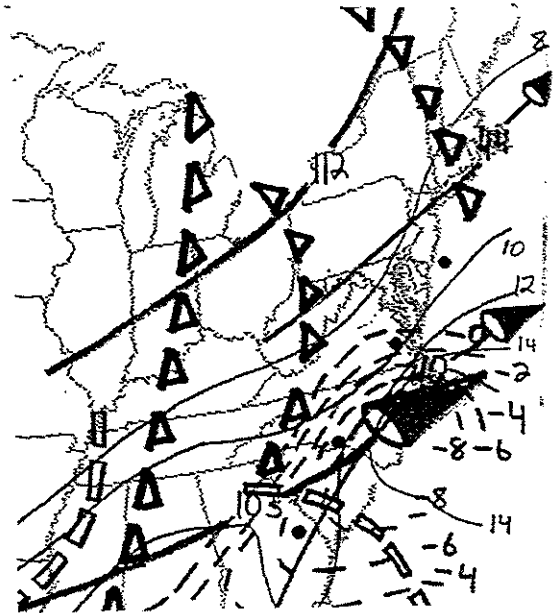
ALL SEVERE REPORTS



0600CST 05/19/93 - 0600CST 05/20/93

SE

COMPOSITE MAP 12Z



# WEDNESDAY MAY 19TH, 1993

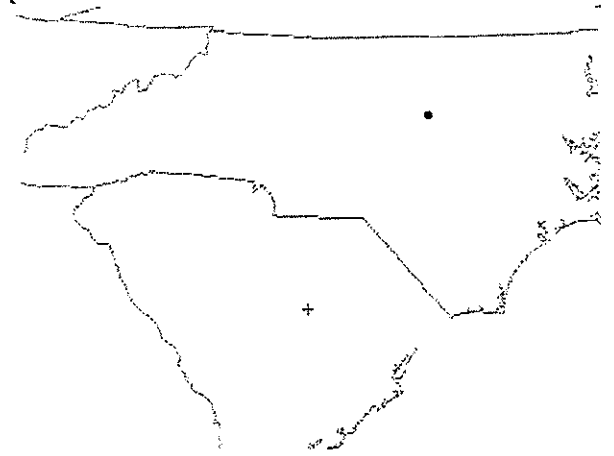
## SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
MAY 19	0755	2.25 INCH	NC-C	WAKE..CARY	-	---

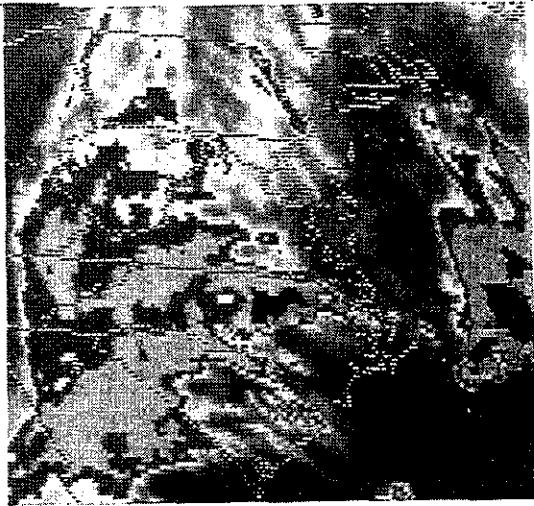
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
MAY 19	1325	65 MPH GUST	SC-C	SUMTER..SUMTER	-	-	1 M
1 TOTAL					-	-	1 M

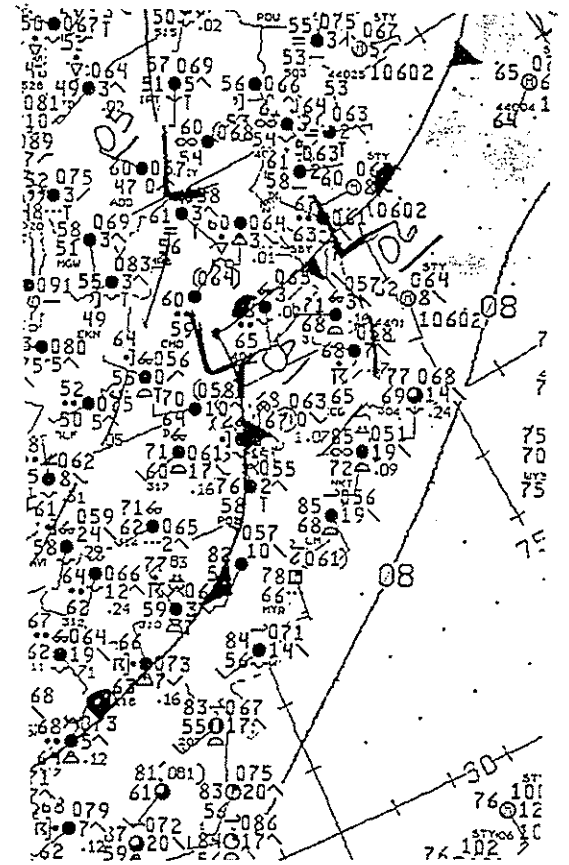
## SIGNIFICANT EVENTS MAP



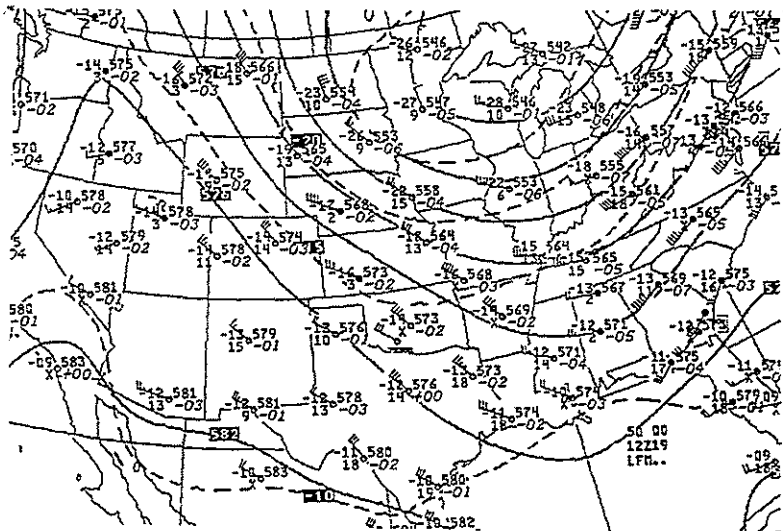
SATELLITE 15Z 19 MAY

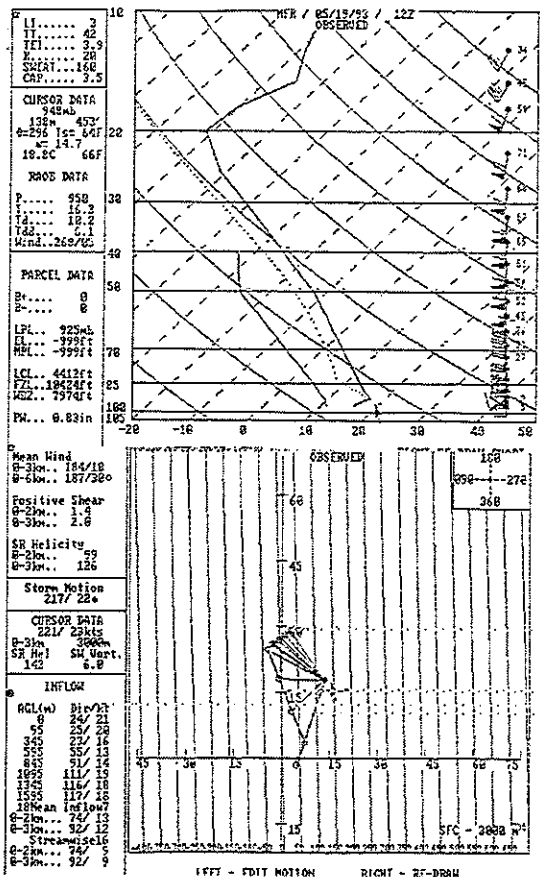
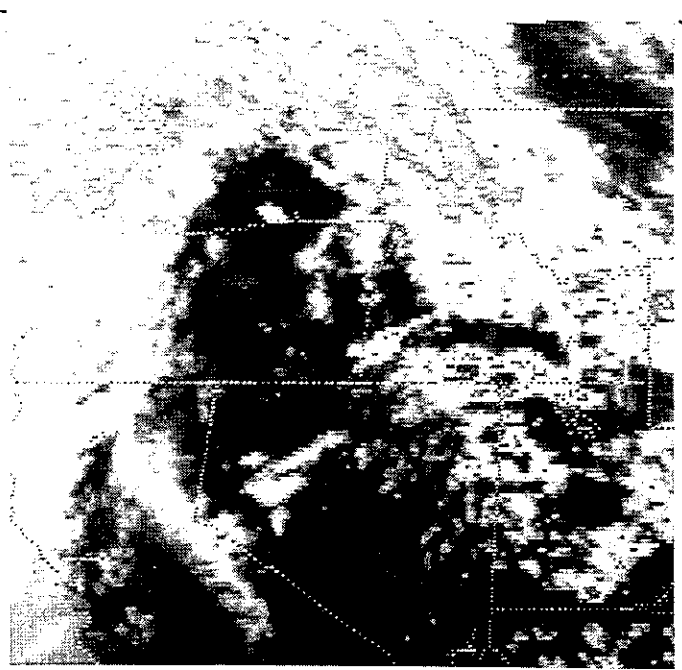
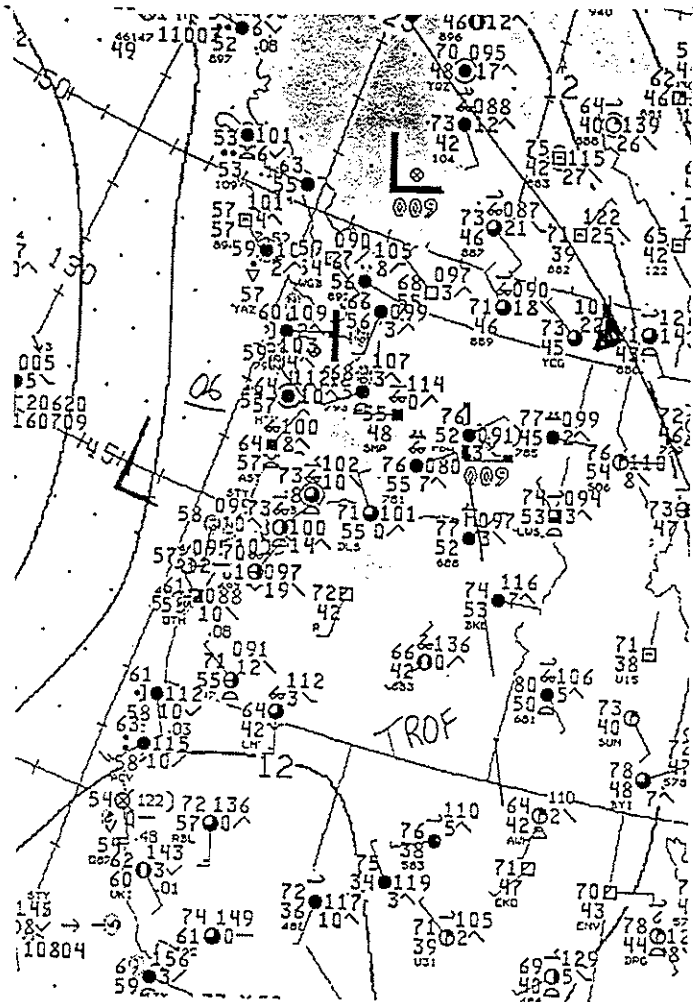


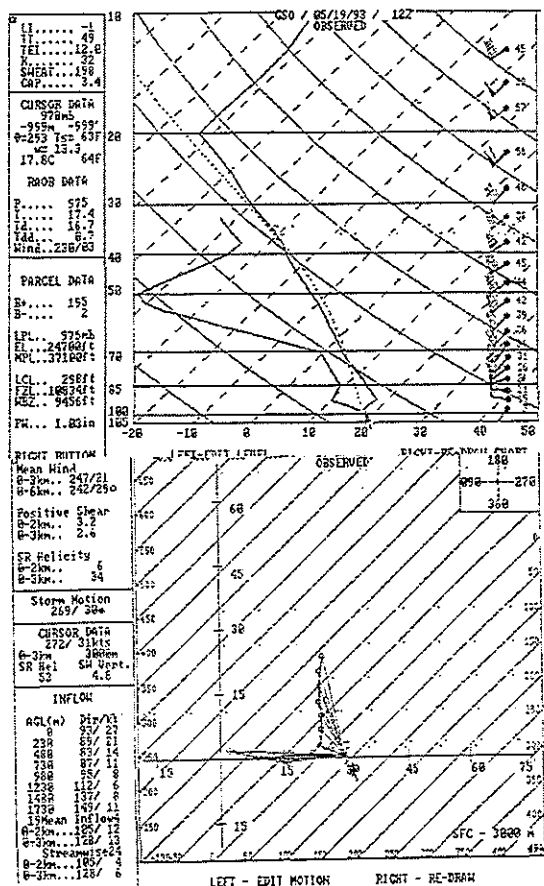
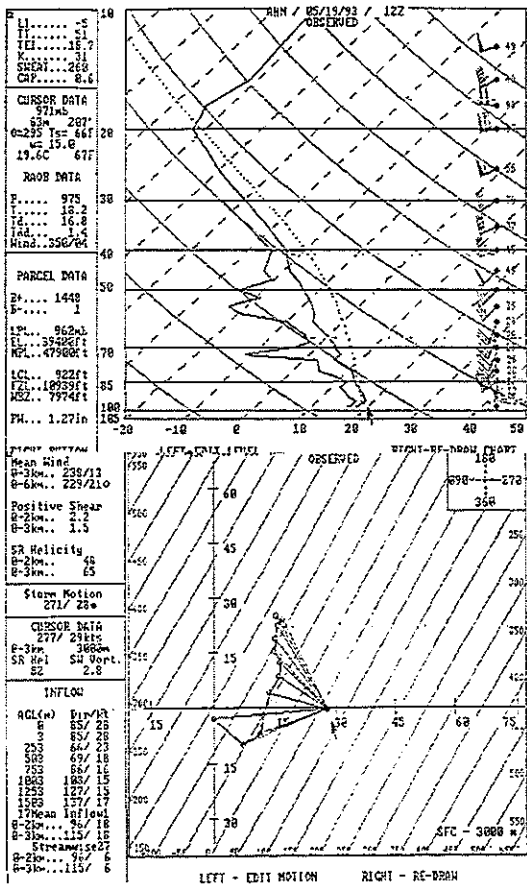
SURFACE MAP 18Z



500 MB 12Z









**SIGNIFICANT HAIL EVENTS**

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUN 02	1530	2.50 INCH	CO	CROWLEY..17 W ORDWAY	-	---
JUN 02	1550	2.50 INCH	CO	OTERO..17 WNW LA JUNTA	-	---
JUN 02	1825	2.75 INCH	KS	STANTON..15 SW MANTER	-	---
JUN 02	1842	3.00 INCH	KS	MORTON/12 NW RICHFIELD	-	---
JUN 02	1849	2.75 INCH	KS	MORTON..8 N RICHFIELD	-	---
JUN 02	1852	3.00 INCH	KS	STANTON/12 S JOHNSON CITY	-	---
JUN 02	1858	2.75 INCH	KS	STANTON/11 S JOHNSON CITY	-	---
JUN 02	1900	2.75 INCH	KS	STEVENS..13 NW HUGOTON	-	---
JUN 02	2104	1.00 INCH	OK	BEAVER..7 N TURPIN	2	---
JUN 02	2108	2.75 INCH	KS	SEWARD..LIBERAL	-	---
JUN 02	2115	2.00 INCH	OK	BEAVER..GATE	-	---
JUN 02	2120	2.50 INCH	KS	SEWARD..3 E LIBERAL	-	---
JUN 02	2152	2.50 INCH	OK	BEAVER..MOCANE	-	---
JUN 02	2152	2.50 INCH	OK	BEAVER..FORGAN	-	---
JUN 02	2300	2.00 INCH	OK	WOODS..WAYNOKA	-	---
JUN 02	2330	2.00 INCH	OK	WOODS..WAYNOKA	-	---
JUN 03	0020	4.50 INCH	OK	GARFIELD COUNTY	-	3 M
JUN 03	0030	2.35 INCH	OK	GARFIELD..ENID	-	1 M
JUN 03	0030	6.00 INCH	OK	GARFIELD..W ENID	-	1 M
JUN 03	0035	3.00 INCH	OK	GARFIELD..VANCE AFB (ENID)	-	---
JUN 03	0045	4.00 INCH	OK	GARFIELD..VANCE AFB (ENID)	-	---
JUN 03	0100	2.50 INCH	OK	GARFIELD..6 S COVINGTON	-	---
JUN 03	0105	3.00 INCH	OK	GARFIELD..COVINGTON	-	---
JUN 03	0137	2.75 INCH	OK	LOGAN..N ORLANDO	-	---
JUN 03	0150	2.75 INCH	OK	NOBLE..S S PERRY	-	---
JUN 03	0150	2.75 INCH	OK	PAYNE..STILLWATER	-	---
JUN 03	0200	1.25 INCH	OK	WOODS..ALVA	1	---
JUN 03	0205	4.50 INCH	OK	PAYNE..STILLWATER	-	---
JUN 03	0225	2.75 INCH	OK	PAYNE..6 W CUSHING	-	---
JUN 03	0225	1.75 INCH	OK	ALFALFA COUNTY	-	4 M
JUN 03	0245	2.25 INCH	OK	GRANT COUNTY	-	20M
JUN 03	0250	2.25 INCH	OK	GRANT..WAKITA	-	1 M
JUN 03	0255	2.75 INCH	OK	CREEK..DEPEW	-	---
JUN 03	0259	2.50 INCH	OK	CREEK..1 S SHAMROCK	-	---
JUN 03	0305	4.50 INCH	OK	CREEK..BRISTOW	-	---
JUN 03	0305	4.50 INCH	OK	CREEK..5 S BRISTOW	-	---
JUN 03	0315	2.75 INCH	OK	CREEK..SLICK	-	---
JUN 03	0325	1.75 INCH	OK	KAY COUNTY	-	10M
JUN 03	0330	4.50 INCH	OK	OKMULGEE..BEGGS	-	---
JUN 03	0332	2.75 INCH	OK	OKMULGEE..PRESTON	-	---
JUN 03	0335	2.75 INCH	OK	OKMULGEE..2 E BEGGS	-	---
JUN 03	0340	1.75 INCH	OK	KAY..BLACKWELL	-	4 M
JUN 03	0538	2.75 INCH	OK	CRAIG..5 W WHITE OAK	-	---

43 TOTAL

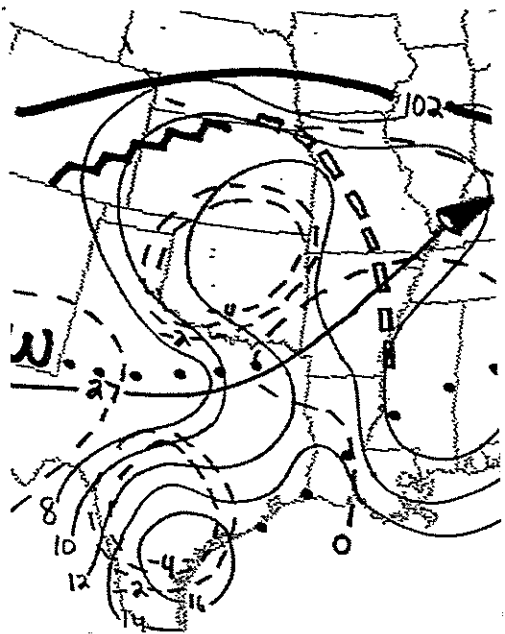
3 44M

**SIGNIFICANT WIND EVENTS**

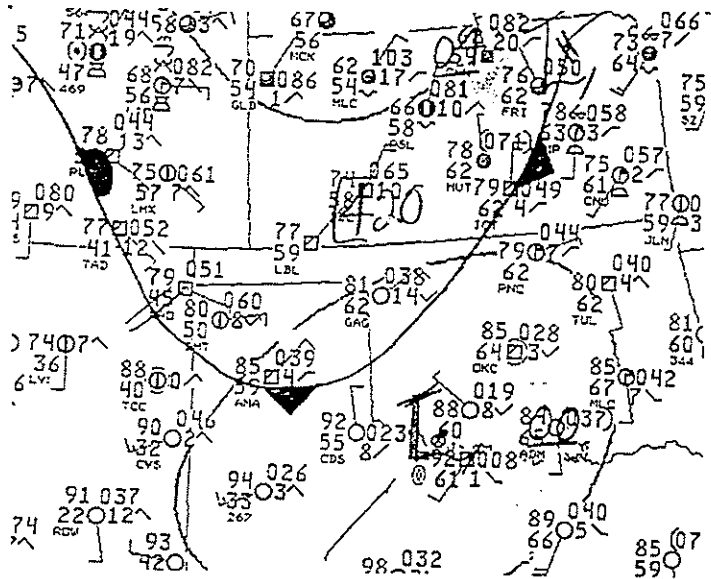
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUN 02	1903	90 MPH GUST	KS	MORTON/10 E RICHFIELD	-	-	---
JUN 02	2025	81 MPH GUST	KS	SEWARD..LIBERAL	-	-	---
JUN 02	2108	75 MPH GUST	KS	SEWARD..LIBERAL	-	-	---
JUN 03	0250	80 MPH GUST	OK	GRANT..WAKITA	-	-	---
JUN 03	0430	90 MPH GUST	OK	OSAGE..PAWHUSKA AIRPORT	-	-	---

5 TOTAL

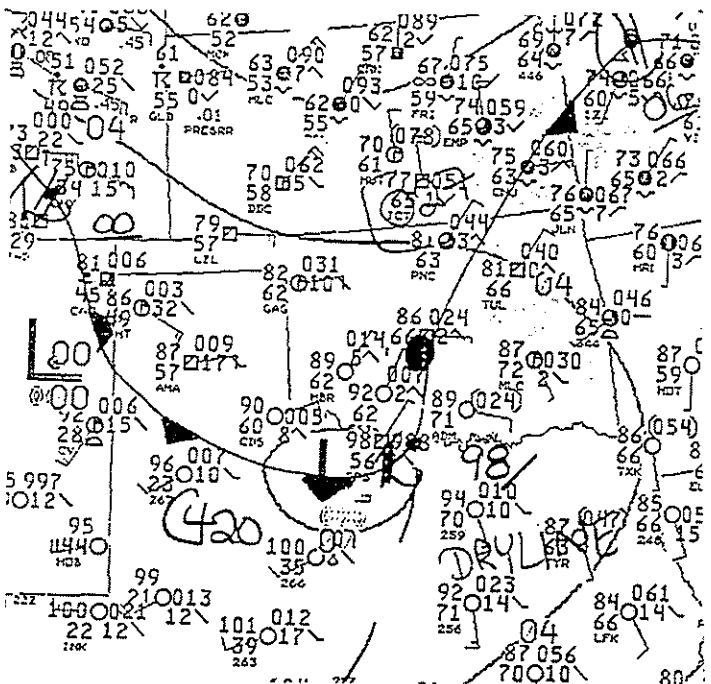
COMPOSITE MAP 00Z

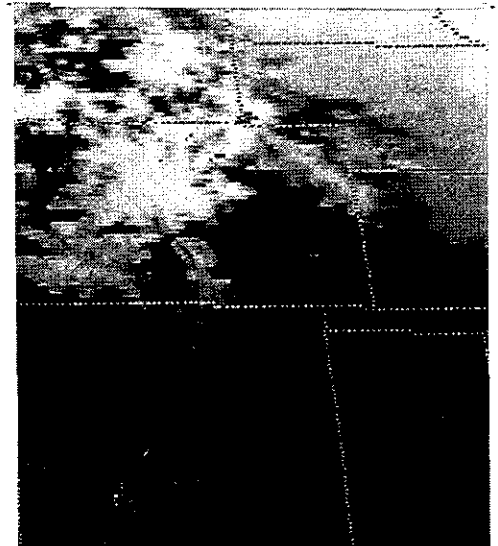
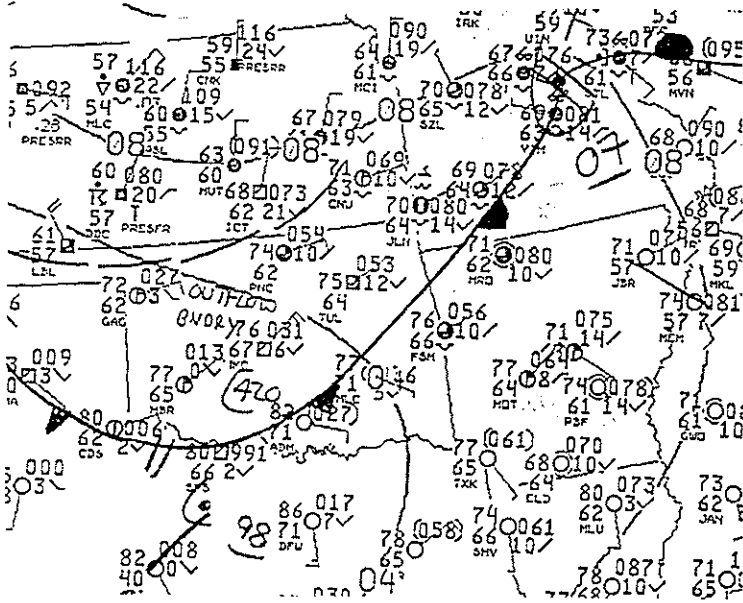


SURFACE MAP 18Z



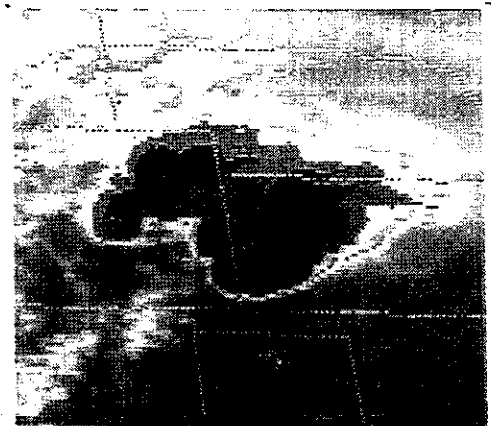
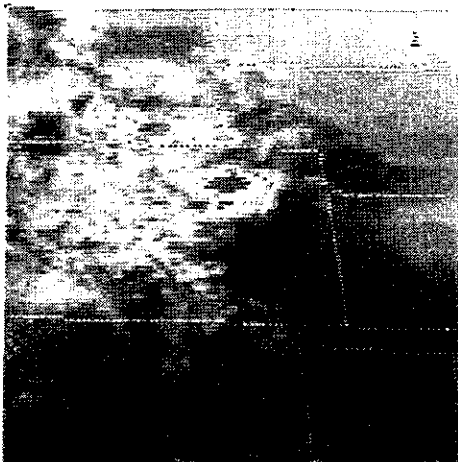
SURFACE MAP 00Z





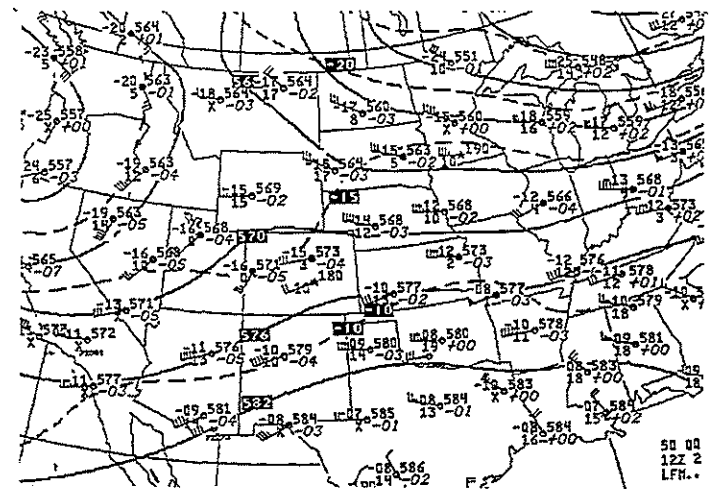
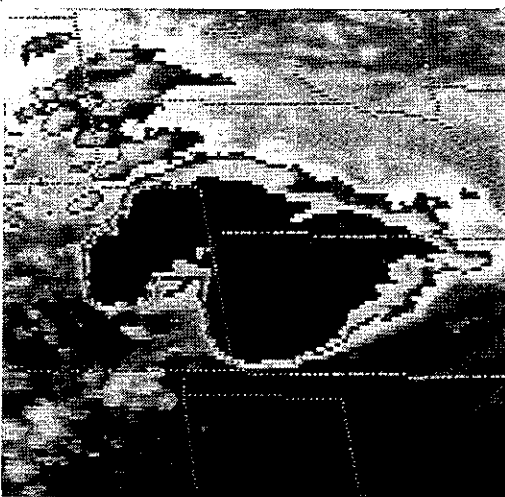
SATELLITE 19Z 2 JUNE

SATELLITE 0030Z 3 JUNE

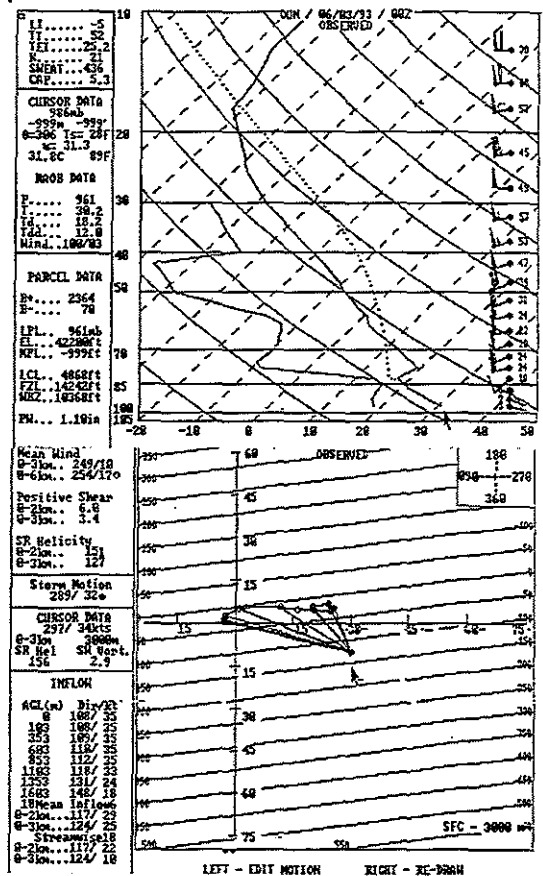
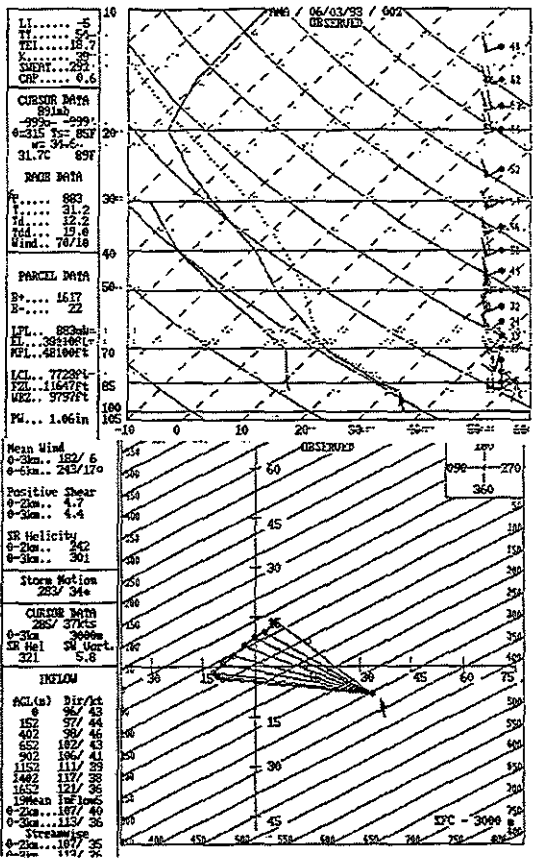
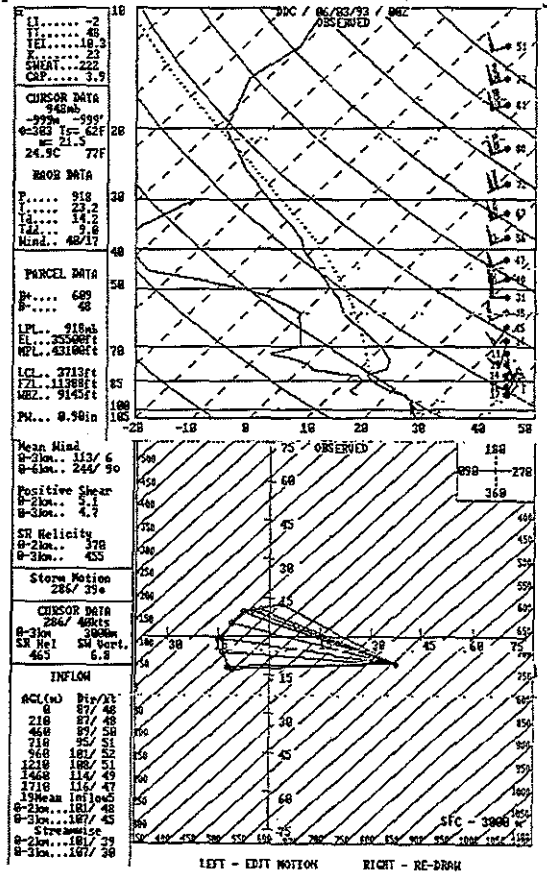
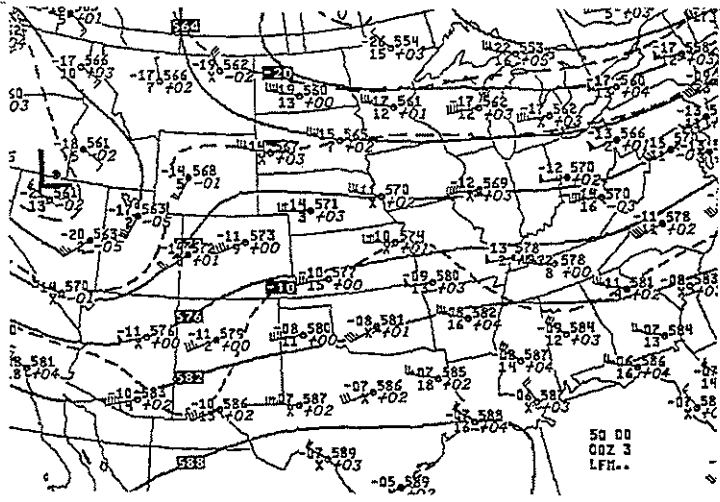


SATELLITE 0130Z 3 JUNE

500 MB 12Z



500 MB 00Z





National Severe Storms Forecast Center  
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0600CST 06/03/93 - 0600CST 06/04/93

Total Non-Tornadoic Reports: 84

Large Hail Reports... 61      Damaging Wind Reports... 23

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	23	13	12	11	2	0	61
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

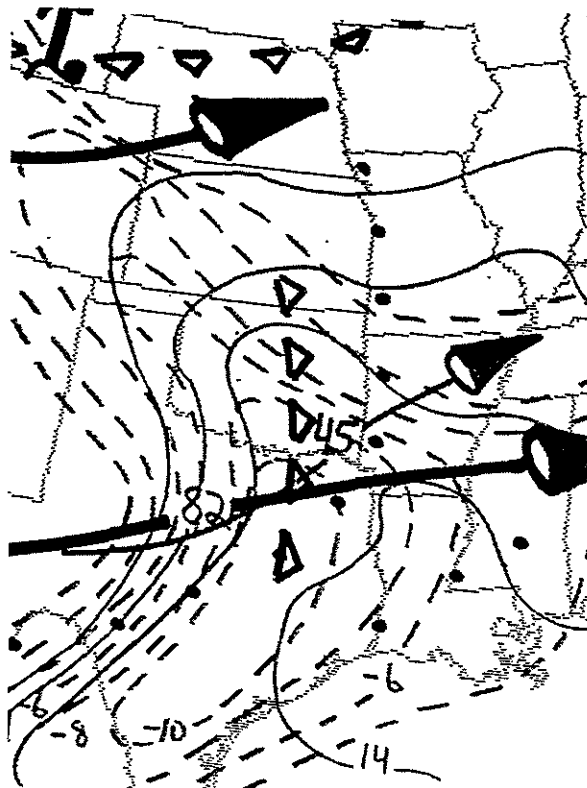
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	18	3	2	0	0	0	23
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

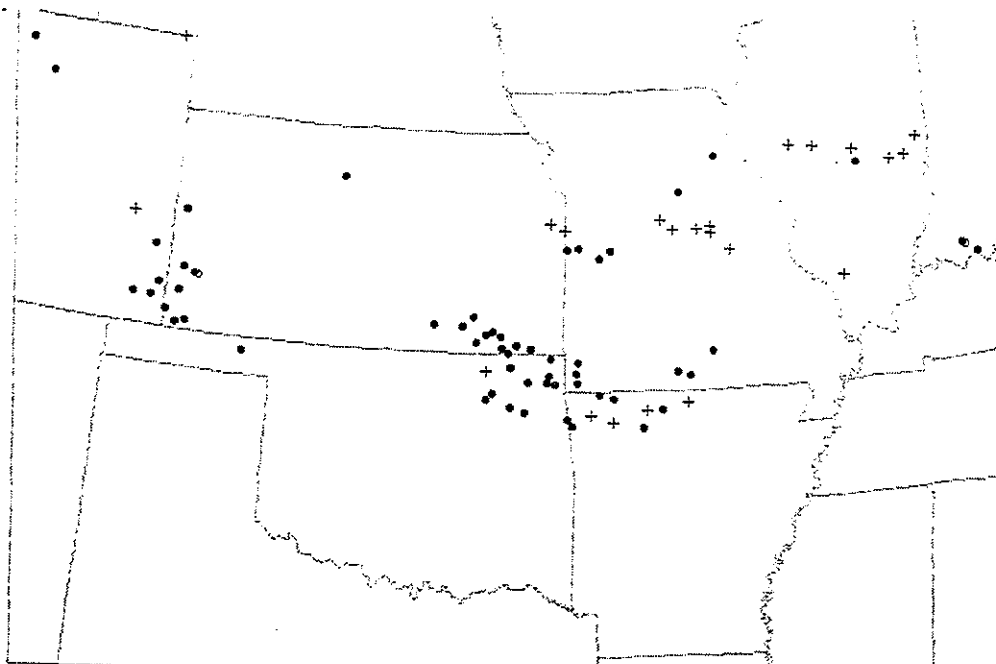
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 06/03/93 - 0600CST 06/04/93

SEVERE WEATHER REPORT:

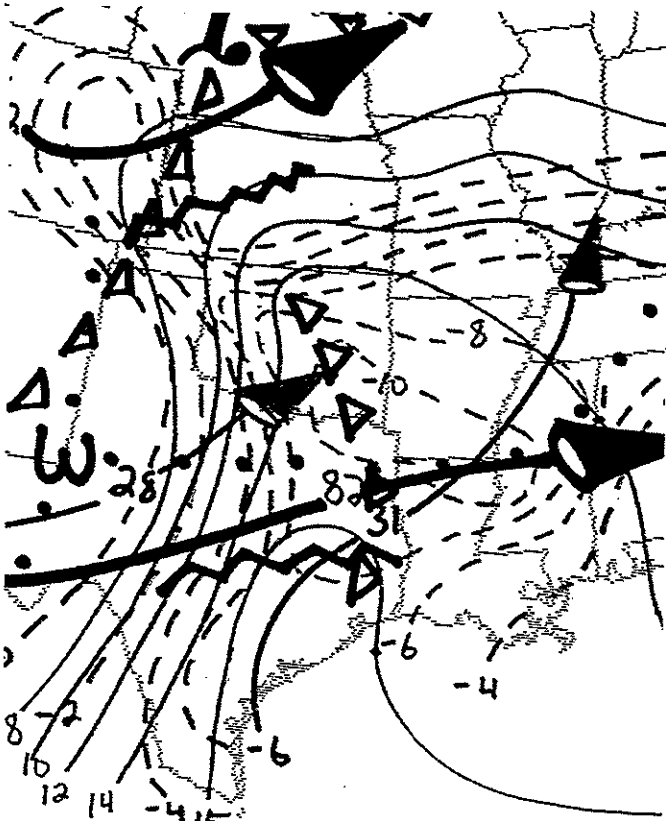
# THURSDAY JUNE 3RD, 1993

## SIGNIFICANT EVENTS

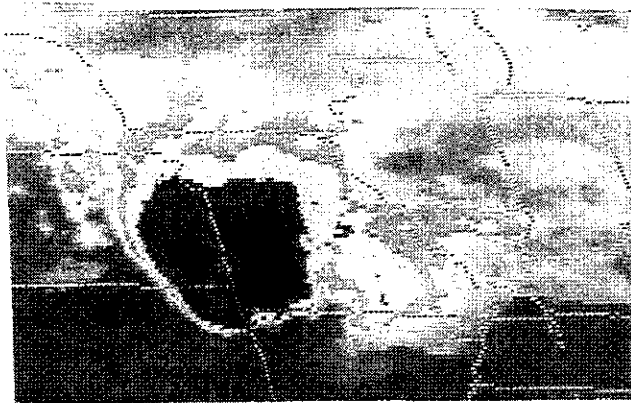
DATE	TIME	EVENT	STATE	COUNTY..	LOCATION	INJ	DMG
JUN 3	0600	2.75 INCH	OK	DELAWARE..	BERNICE	-	----
JUN 3	0600	2.75 INCH	OK	TULSA..	SKIATOOK	-	----
JUN 3	0610	2.75 INCH	OK	DELAWARE..	GROVE	-	----
JUN 3	1835	2.75 INCH	CO	BACA..	LYCAN	-	----
JUN 3	1917	2.75 INCH	CO	BACA..	WALSH	-	----
JUN 4	0255	2.00 INCH	KS	MONTGOMERY..	2 S ELK	-	----
JUN 4	0318	2.75 INCH	KS	MONTGOMERY..	2 W INDEPENDENCE	-	----
JUN 4	0322	2.75 INCH	KS	MONTGOMERY..	DEARING	-	----
JUN 4	0330	2.75 INCH	OK	NOWATA..	S COFFEYVILLE	-	----
JUN 4	0430	3.00 INCH	MO	HOWELL..	GOODMAN	-	----
JUN 4	0445	3.00 INCH	MO	HOWELL..	PINEVILLE	-	----
JUN 4	0520	2.75 INCH	MO	OZARK..	NOBLE	-	----
JUN 4	0535	2.75 INCH	MO	OZARK..	ZANONI	-	----

13 TOTAL

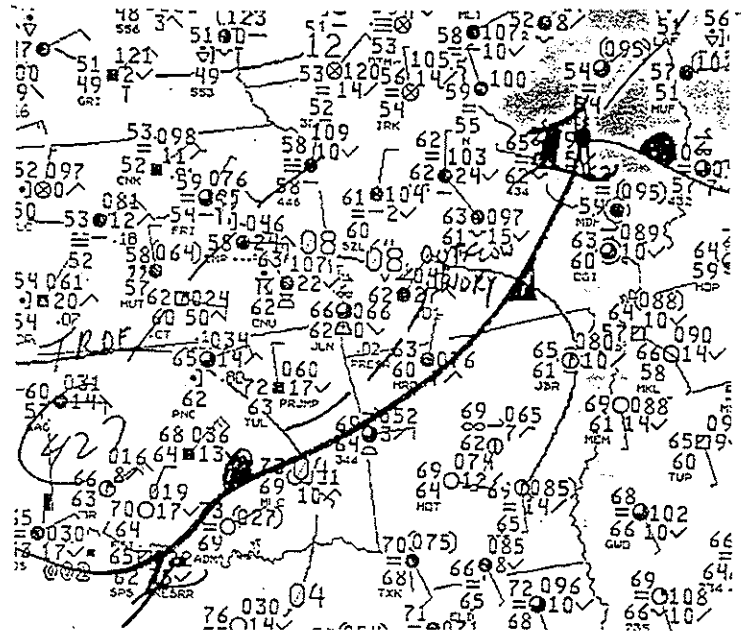
COMPOSITE MAP 002



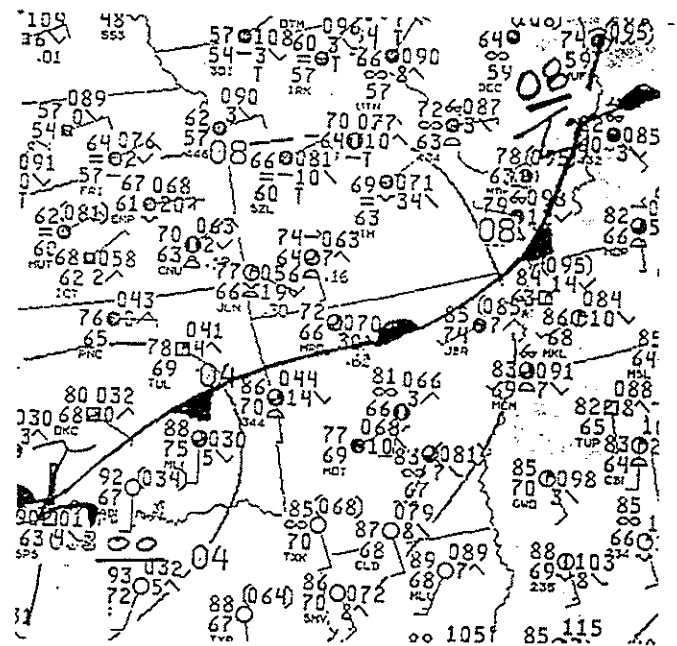
SATELLITE 13Z 3 JUNE



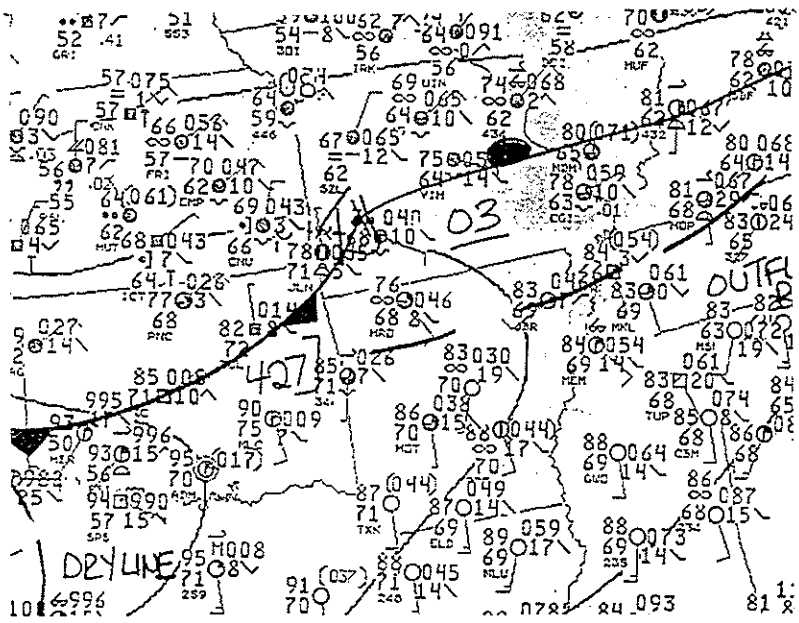
SURFACE MAP 12Z



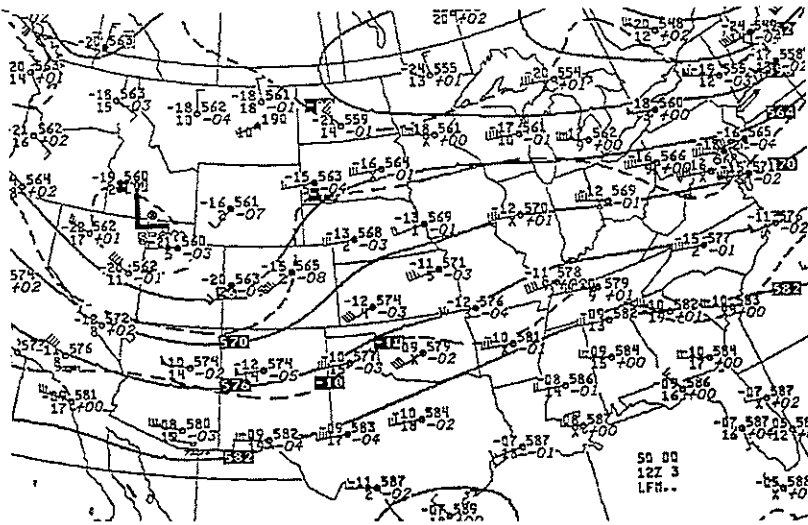
SURFACE MAP 18Z



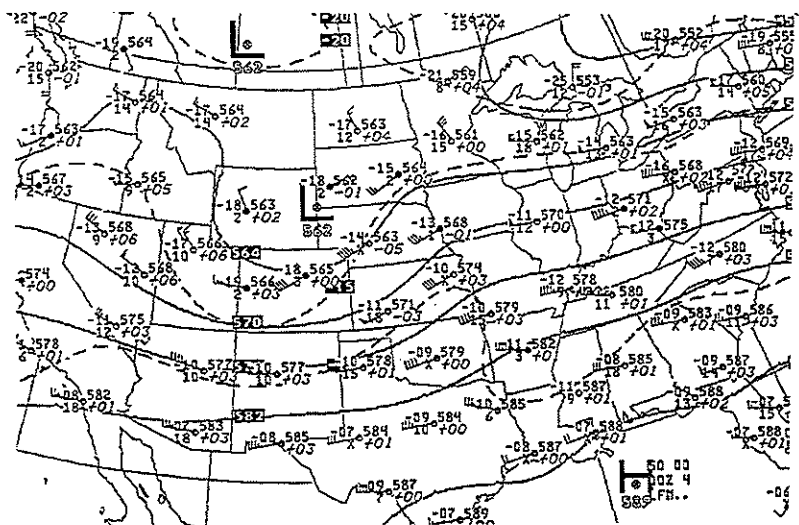
SURFACE MAP 00Z



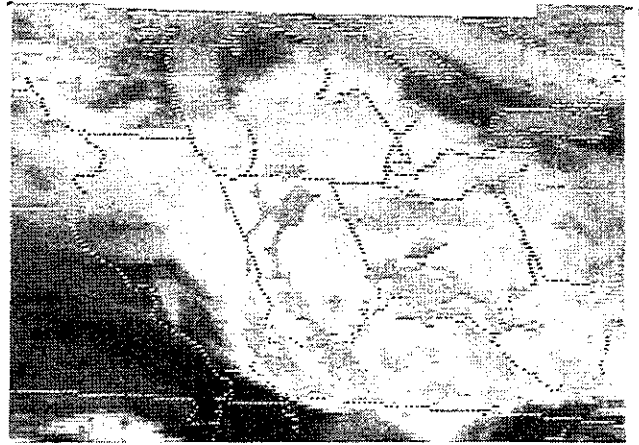
500 MB 12Z



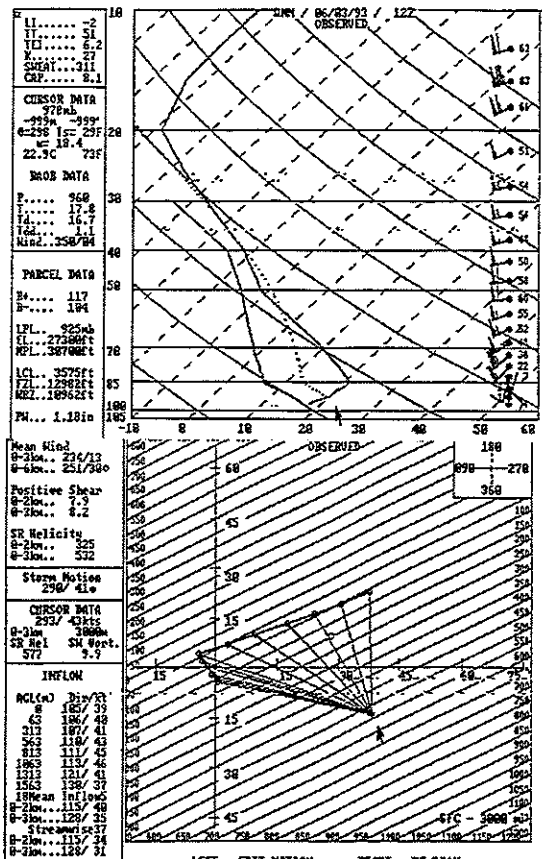
500 MB 00Z

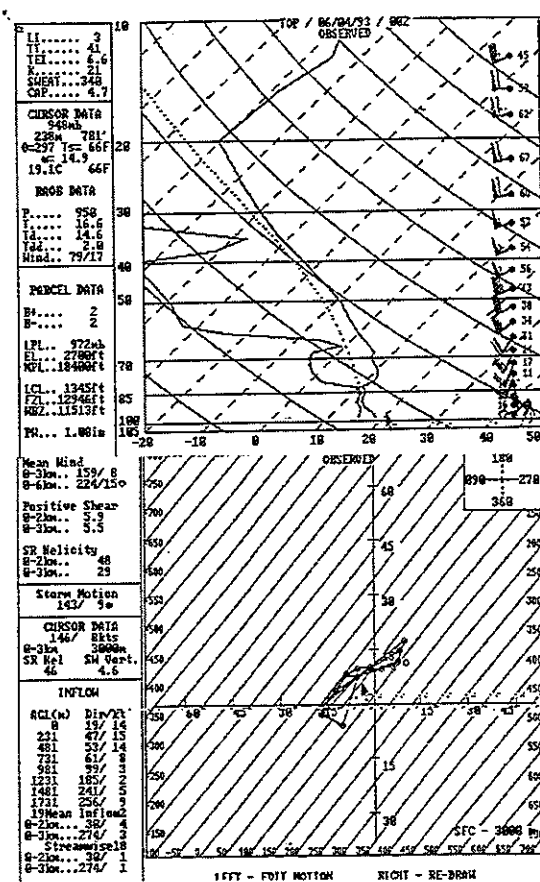
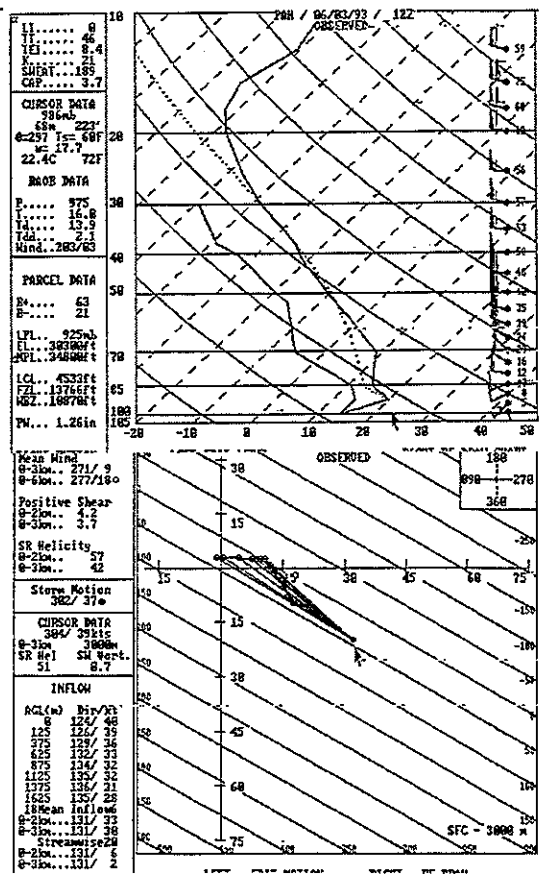


SATELLITE 21Z 3 JUNE



SATELLITE 03Z 4 JUNE



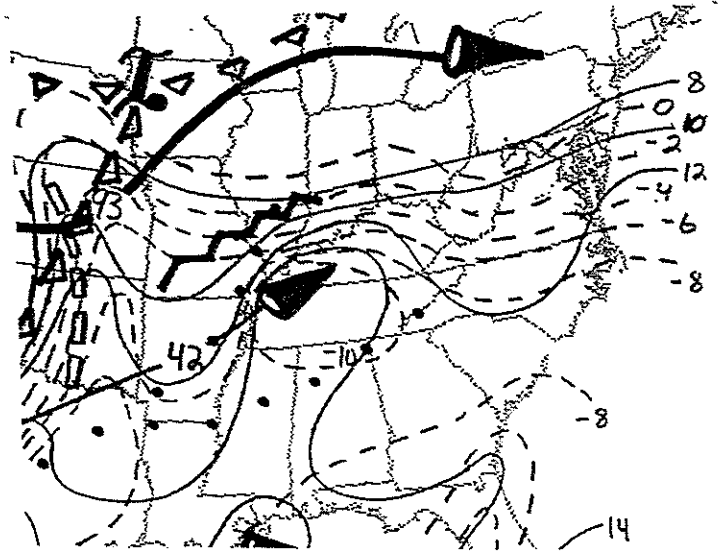


National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
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0600CST 06/04/93 - 0600CST 06/05/93

Total Non-Tornadic Reports: 273

Large Hail Reports... 75      Damaging Wind Reports... 198



LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	26	18	27	3	1	0	75
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

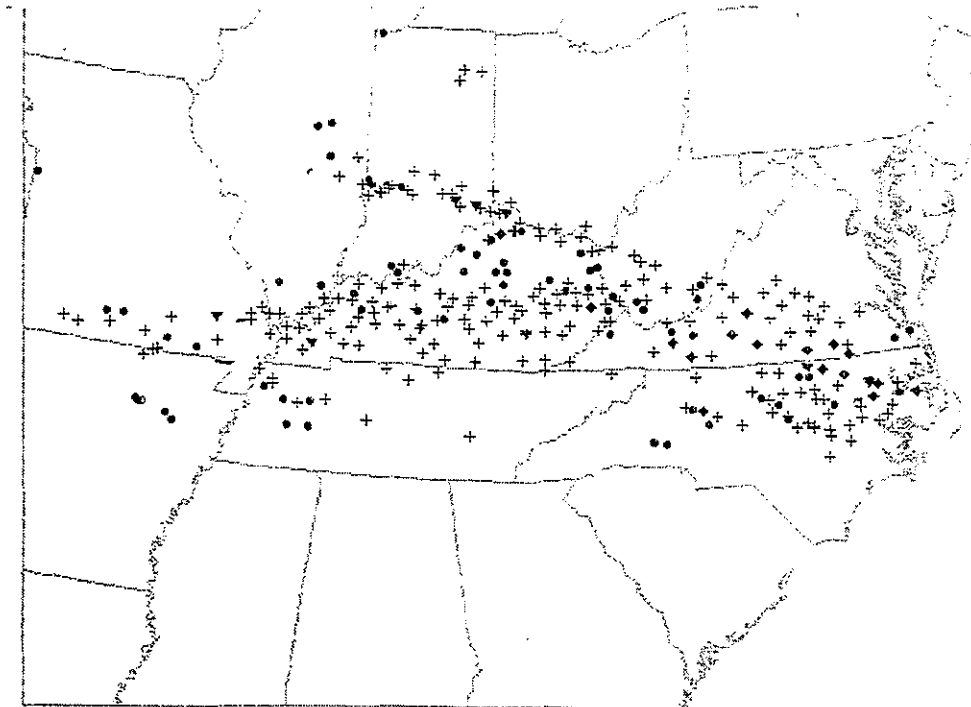
	WNDG	50	60	70	80	90	TOT
Wind	181	8	5	3	1	0	198
Fatalities	0	0	0	0	0	0	0
Injuries	64	0	2	0	22	0	88

Number of Tornado Segments: 14

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	7	7	0	0	0	0	14
Fatalities	0	0	0	0	0	0	0
Injuries	0	7	0	0	0	0	7

ALL SEVERE REPORTS



0600CST 06/04/93 - 0600CST 06/05/93

SEVERE WEATHER REP

SIGNIFICANT TORNADO EVENTS

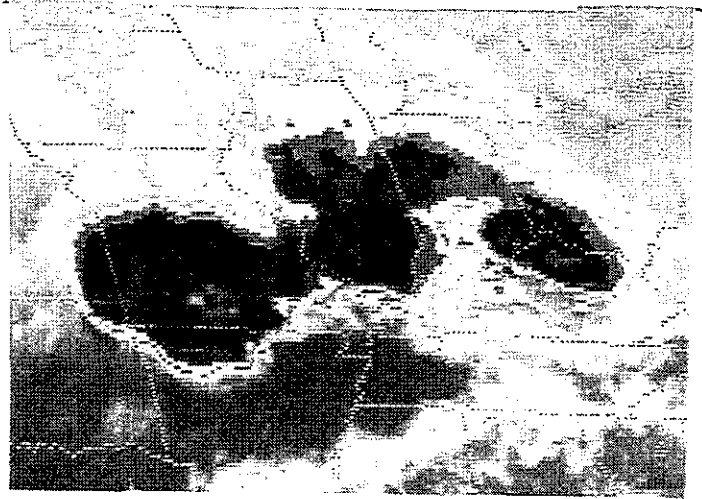
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JUN 04	0653	F-1	3.0	90	IN	CLAY..CLAY CITY	-	1	---
JUN 04	0904	F-1	0.5	50	IN	RIPLEY..ELROD	-	6	1 M
2 TOTAL							-	7	1 M

SIGNIFICANT HAIL EVENTS

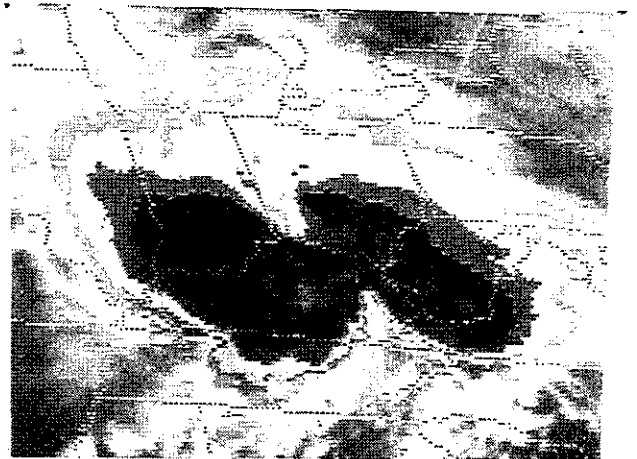
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUN 04	1500	2.50 INCH	VA	CARROLL CO.	-	---
JUN 04	1555	4.50 INCH	VA	FRANKLIN CO.	-	1 M
JUN 04	1615	2.75 INCH	VA	BEDFORD CO.	-	1 M
JUN 04	1630	2.75 INCH	VA	DICKENSON CO.	-	---
JUN 04	1635	2.75 INCH	VA	PITTSYLVANIA CO.	-	1 M
JUN 04	1750	1.75 INCH	VA	MECKLENBURG CO.	-	1 M
JUN 04	1850	2.75 INCH	VA	BRUNSWICK CO.	-	1 M
JUN 04	1605	2.75 INCH	NC	WARREN COUNTY	-	7 M
JUN 04	1648	3.50 INCH	NC	DAVIE COUNTY (WESTERN)	-	---
JUN 04	1650	2.50 INCH	NC	HALIFAX COUNTY	-	---
JUN 04	1650	2.75 INCH	NC	NORTHHAMPTON COUNTY	-	---
11 TOTAL					-	12 M

SIGNIFICANT WIND EVENTS

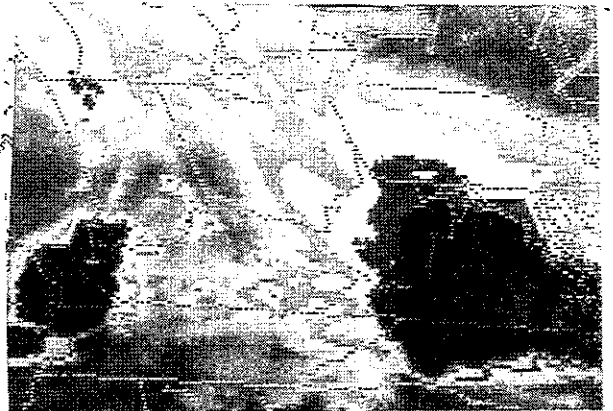
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUN 04	0606	WIND DAMAGE	IL	CLARK..DARWIN	-	1	---
JUN 04	0610	WIND DAMAGE	MO	TANEY..4 N BRANSON	-	1	---
JUN 04	0638	80 MPH GUST	MO	HOWELL..WEST PLAINS	-	-	---
JUN 04	0700	WIND DAMAGE	IL	CUMBERLAND..DIONA	-	1	---
JUN 04	0845	WIND DAMAGE	IL	MONROE..ELLETSVILLE	-	1	---
JUN 04	0905	80 MPH GUST	IL	ALEXANDER..CAIRO	-	-	---
JUN 04	0915	WIND DAMAGE	IL	PULASKI	-	10	---
JUN 04	0925	WIND DAMAGE	IL	MASSAC	-	10	1 M
JUN 04	0925	WIND DAMAGE	KY	MCCRACKEN COUNTY	-	10	1 M
JUN 04	0930	WIND DAMAGE	KY	GRAVES COUNTY	-	10	---
JUN 04	0945	WIND DAMAGE	KY	LIVINGSTON COUNTY	-	10	---
JUN 04	1010	WIND DAMAGE	KY	WEBSTER COUNTY	-	-	1 M
JUN 04	1013	WIND DAMAGE	KY	HOPKINS COUNTY	-	-	1 M
JUN 04	1017	WIND DAMAGE	KY	McLEAN COUNTY	-	1	1 M
JUN 04	1017	WIND DAMAGE	KY	MUHLBERG COUNTY	-	-	1 M
JUN 04	1046	WIND DAMAGE	KY	BUTLER COUNTY	-	2	1 M
JUN 04	1100	WIND DAMAGE	KY	ADAIR..HOLMES ROAD	-	-	3 M
JUN 04	1115	WIND DAMAGE	OH	ADAMS..WRIGHTSVILLE	-	1	---
JUN 04	1120	WIND DAMAGE	KY	HARDIN..ELIZABETHTOWN	22	1	M
JUN 04	1143	WIND DAMAGE	KY	MERCER COUNTY	-	-	1 M
JUN 04	1155	100 MPH GUST	KY	MARION COUNTY	-	-	1 M
JUN 04	1158	70 MPH GUST	KY	CASEY COUNTY	-	1	1 M
JUN 04	1210	WIND DAMAGE	KY	MADISON COUNTY	-	1	---
JUN 04	1230	WIND DAMAGE	KY	ROCKCASTLE..BROADHEAD	-	-	1 M
JUN 04	1605	75 MPH GUST	NC	WARREN..MANSON	-	1	1 M
JUN 04	1615	WIND DAMAGE	VA	BEDFORD CO.	-	-	1 M
JUN 04	1705	WIND DAMAGE	VA	ALLEGANY CO.	-	-	1 M
JUN 04	1705	WIND DAMAGE	VA	GILES CO.	-	-	1 M
JUN 04	1715	72 MPH GUST	VA	ROANOKE CO.	-	-	1 M
JUN 04	1730	WIND DAMAGE	VA	CARROLL CO.	-	-	1 M
JUN 04	1730	WIND DAMAGE	VA	BEDFORD CO.	-	10	1 M
JUN 04	1750	WIND DAMAGE	VA	MECKLENBURG CO.	-	3	M
JUN 04	1751	75 MPH GUST	VA	CAMPBELL..LYNCHBURG	-	10	24M
JUN 04	1805	WIND DAMAGE	VA	FRANKLIN CO.	-	-	1 M
JUN 04	1810	WIND DAMAGE	VA	APPOMATTOX CO.	-	-	5 M
JUN 04	1814	WIND DAMAGE	NC	PITT (CENTRAL)	-	1	---
JUN 04	1816	WIND DAMAGE	VA	PITTSYLVANIA CO.	-	-	1 M
JUN 04	1848	WIND DAMAGE	VA	LUNENBURG CO.	-	2	---
JUN 04	1850	WIND DAMAGE	VA	NOTTOWAY CO.	-	1	---
JUN 04	1855	70 MPH GUST	NC	BERTIE COUNTY	-	-	4 M
40 TOTAL					-	107	60M



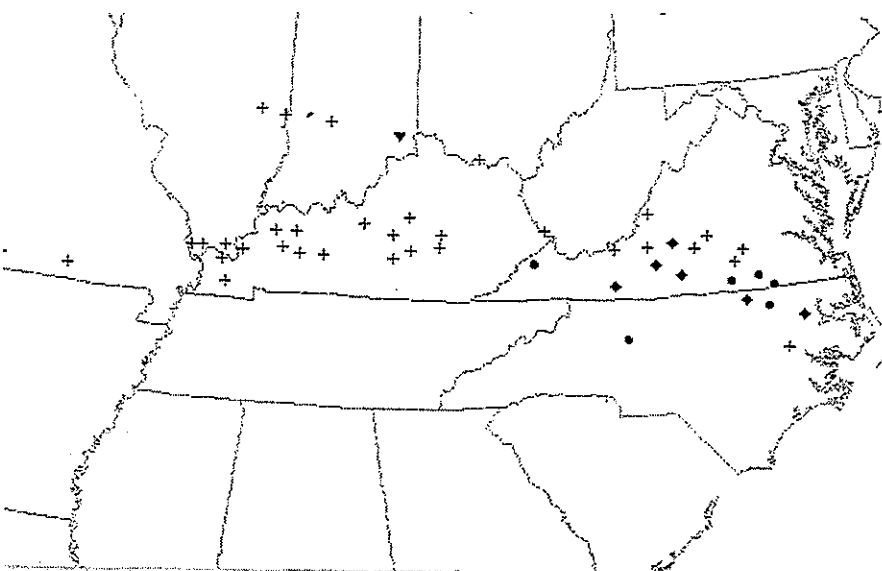
SATELLITE 18Z 4 JUNE



SATELLITE 23Z 4 JUNE



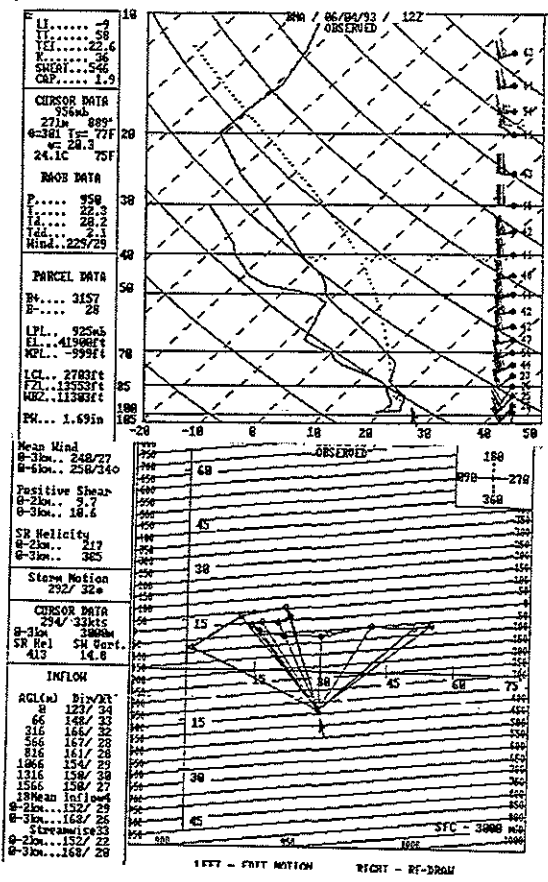
SIGNIFICANT EVENTS MAP











CASE NO. 107

COMPOSITE MAP 12Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/05/93 - 0600CST 06/06/93

Total Non-Tornadic Reports: 75

Large Hail Reports... 72      Damaging Wind Reports... 3

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	26	13	22	10	1	0	72
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	1	0	0	1

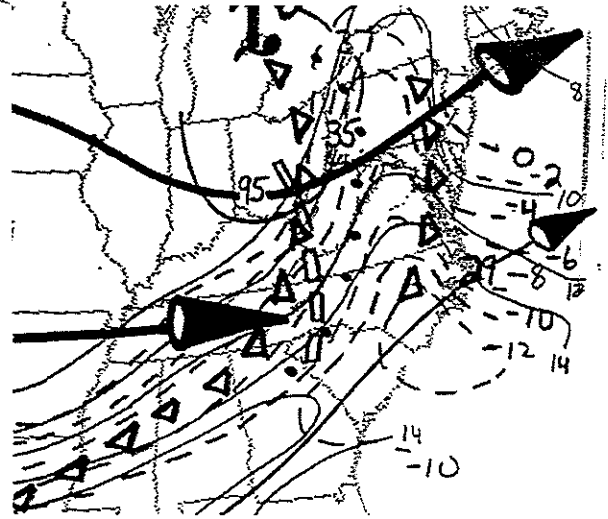
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	3	0	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

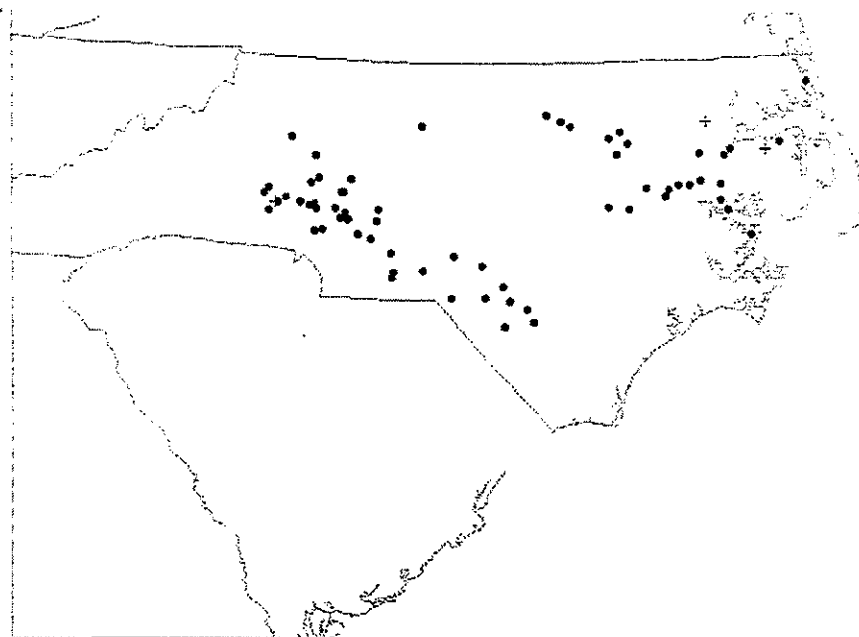
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 06/05/93 - 0600CST 06/06/93

SEVERE WEATH

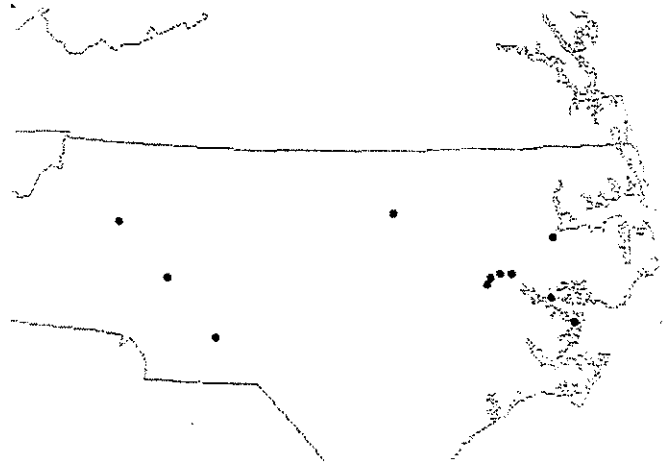
SIGNIFICANT EVENTS MAP

SATURDAY JUNE 5TH, 1993

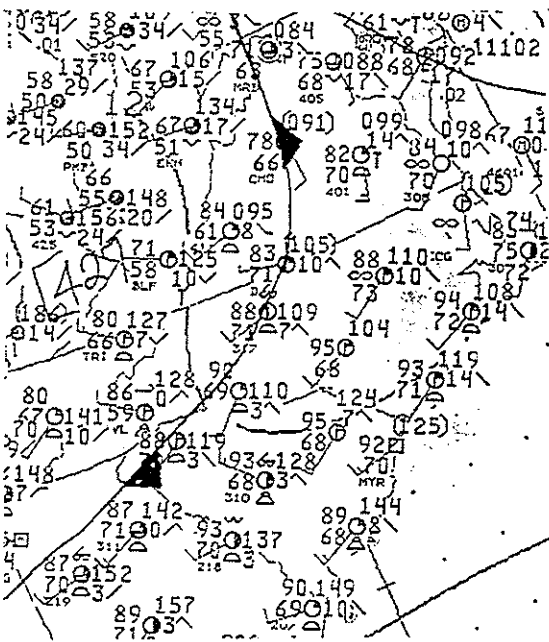
SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUN 05	1340	2.75 INCH	NC-c	ROWAN..CHINA GROVE	1	3 M
JUN 05	1445	2.75 INCH	NC-ec	PITT..5 E GREENVILLE	-	----
JUN 05	1505	2.75 INCH	NC-ec	PITT..2 S GREENVILLE	-	----
JUN 05	1515	3.00 INCH	NC-ec	PITT..10 E GREENVILLE	-	----
JUN 05	1611	2.75 INCH	NC-nc	FRANKLIN..3 SW LOUISBURG	-	----
JUN 05	1617	2.75 INCH	NC-ec	PITT..WINTERVILLE	-	----
JUN 05	1635	2.75 INCH	NC-sc	MOORE..2 S VASS	-	----
JUN 05	1705	2.75 INCH	NC-sc	ANSON..1 NE ANSONVILLE	-	----
JUN 05	1715	2.75 INCH	NC-nc	WASHINGTON..PLYMOUTH	-	----
JUN 05	1730	2.00 INCH	NC-ec	BEAUFORT..BAYVIEW	-	----
JUN 05	1835	2.00 INCH	NC-ec	PAMLICO..HOBUCKEN	-	----

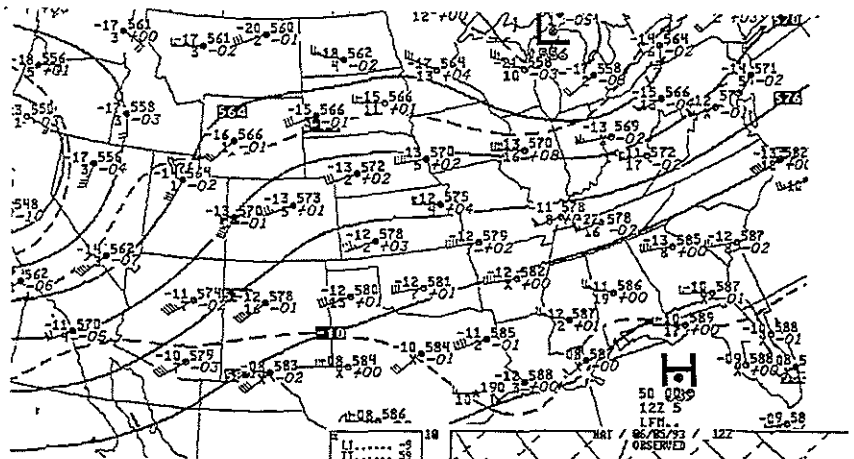
11 TOTAL 1 3 M



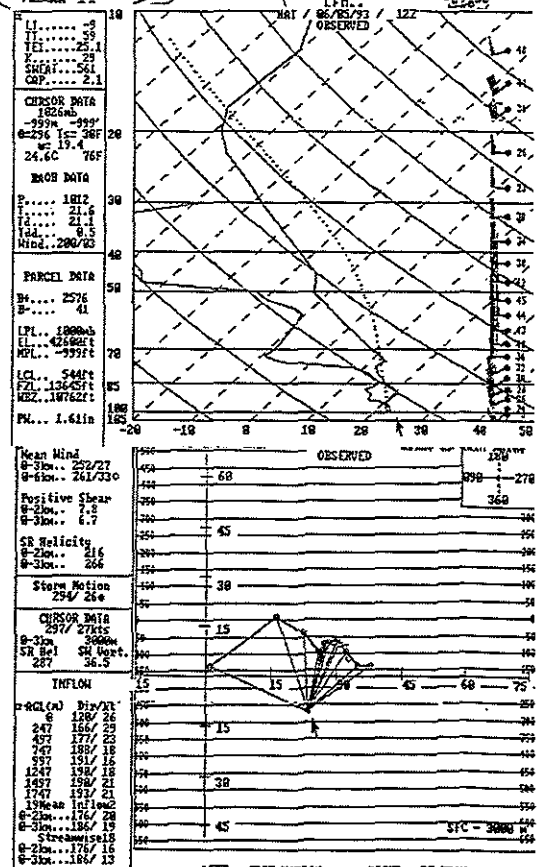
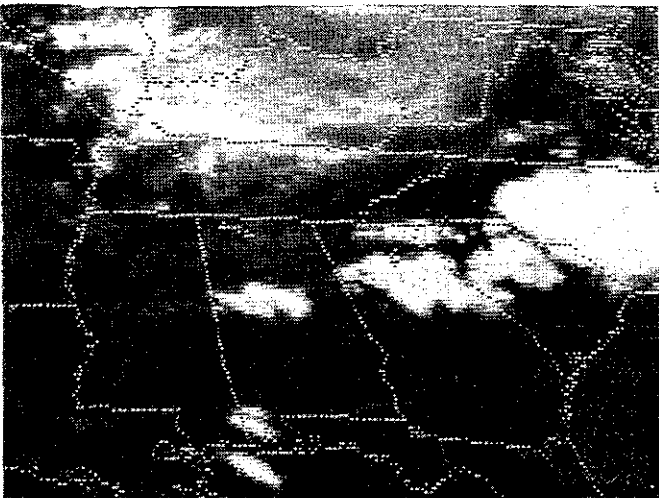
SURFACE MAP 18Z



500 MB 12Z



SATELLITE 20Z 5 JUNE

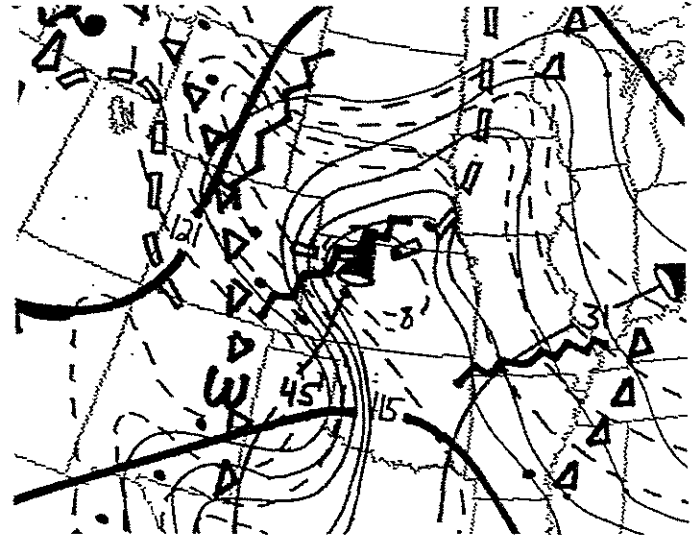


National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/06/93 - 0600CST 06/07/93

Total Non-Tornadic Reports: 46

Large Hail Reports... 36      Damaging Wind Reports... 10



LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	18	10	6	2	0	0	36
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

DAMAGING WIND

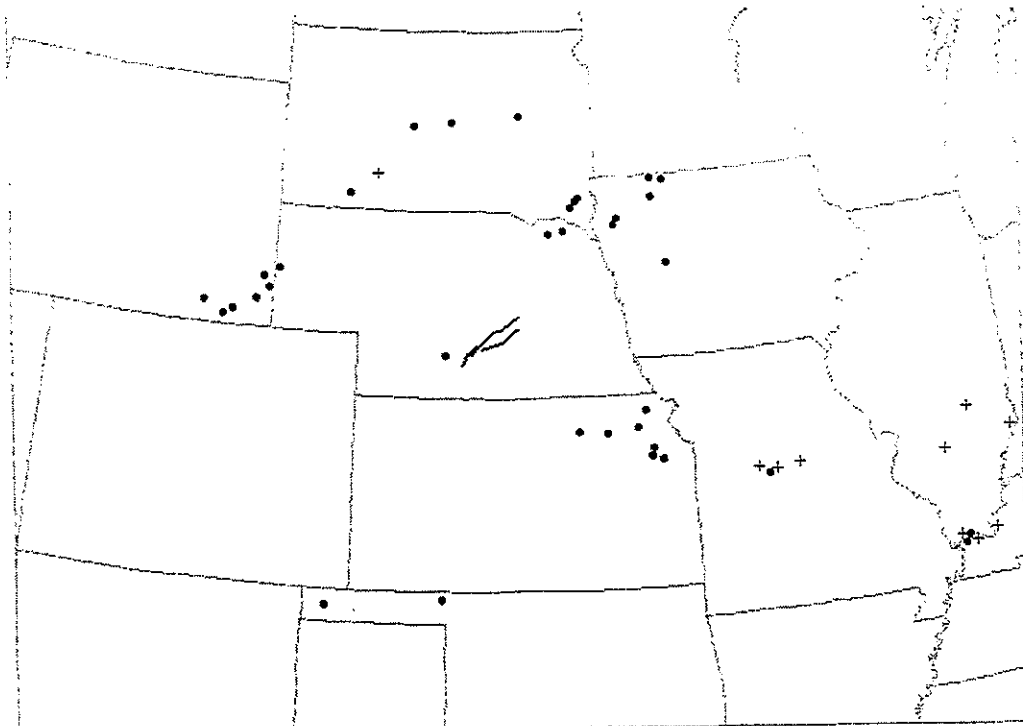
	WNDG	50	60	70	80	90	TOT
Wind	7	3	0	0	0	0	10
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 11

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	1	10	0	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	2	0	0	2

ALL SEVERE REPORTS



0600CST 06/06/93 - 0600CST 06/07/93

SEVERE WEATHER REPORTS

SIGNIFICANT EVENTS MAP

SUNDAY JUNE 6TH, 1993

SIGNIFICANT TORNADO EVENTS

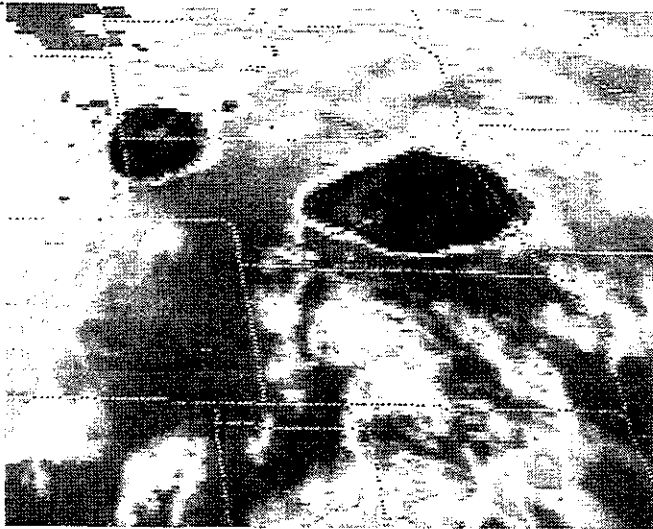
DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUN 06	1925	F-3	60.0 1760	NE	AMHERST	-	2	4 M
JUN 06	1953	F-2	7.0 880	NE	BUFFALO..ELM CREEK	-	-	-
JUN 06	2045	F-3	35.0 880	NE	RIVERDALE-ST. LIBORY	-	-	-
JUN 06	2123	F-3	10.0 880	NE	ELM CREEK-AMHERST	-	-	-
4 TOTAL						-	2	4 M

SIGNIFICANT HAIL EVENTS

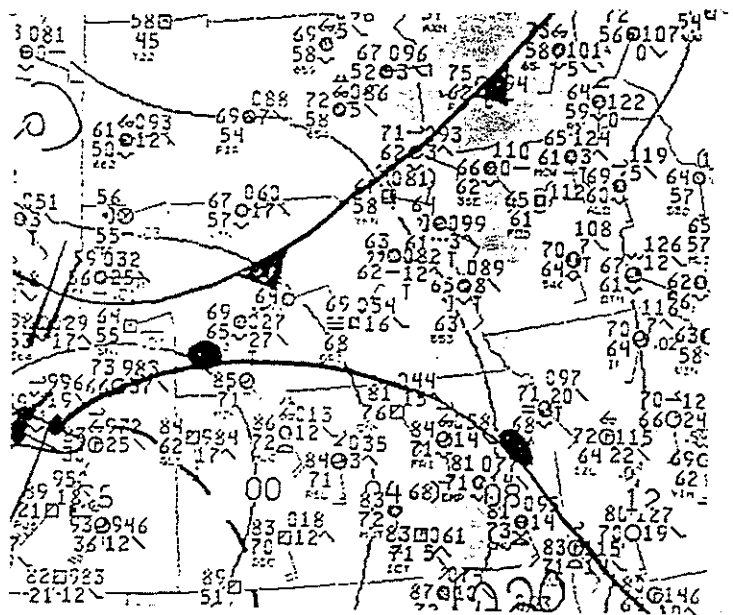
DATE	TIME	EVENT	STATE	COUNTY..	LOCATION	INJ	DMG
JUN 07	0130	2.00 INCH	SD	LINCOLN..	9 NW BERESFORD	-	-
1 TOTAL						-	-



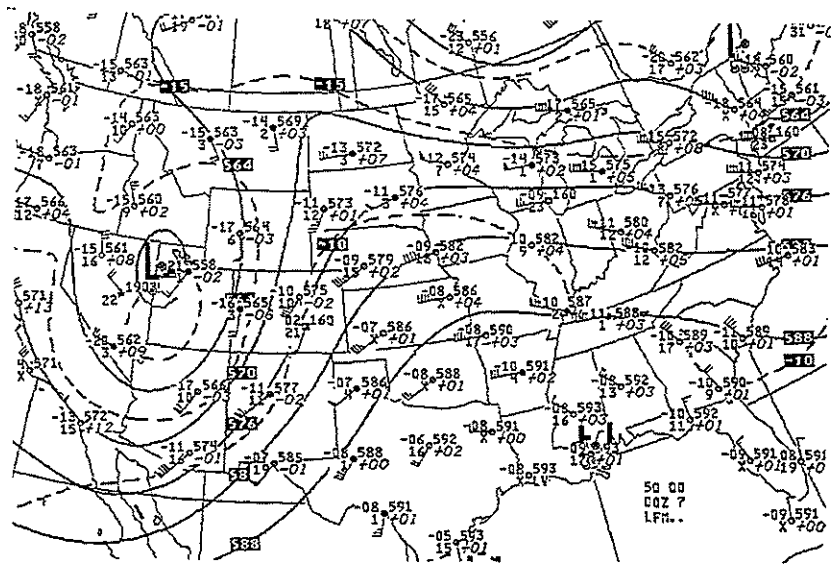
SATELLITE 03Z 7 JUNE

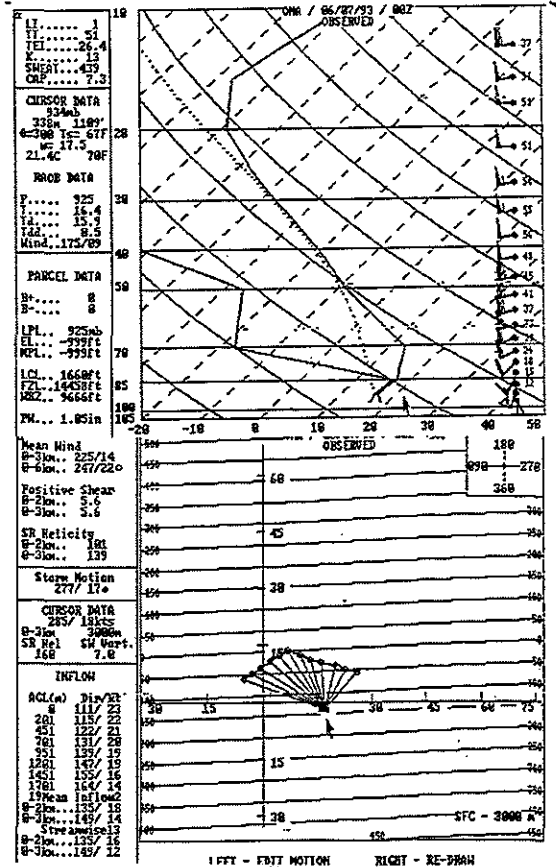
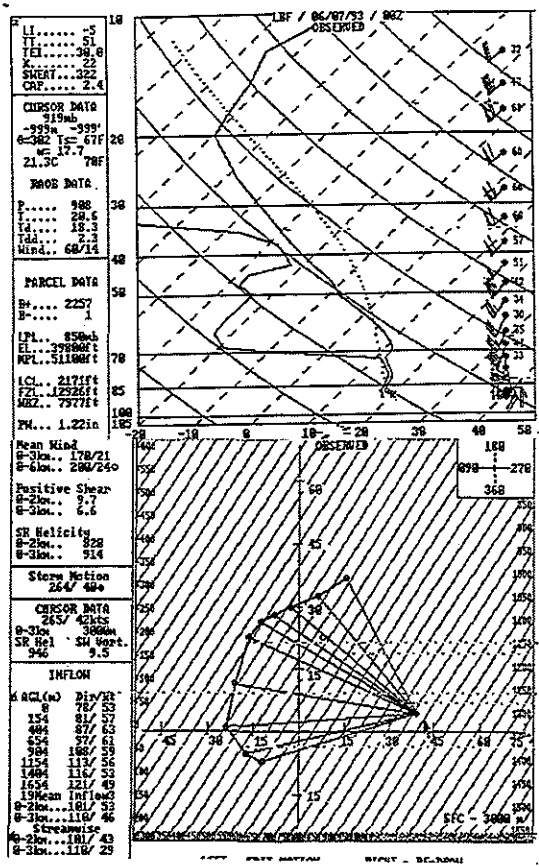
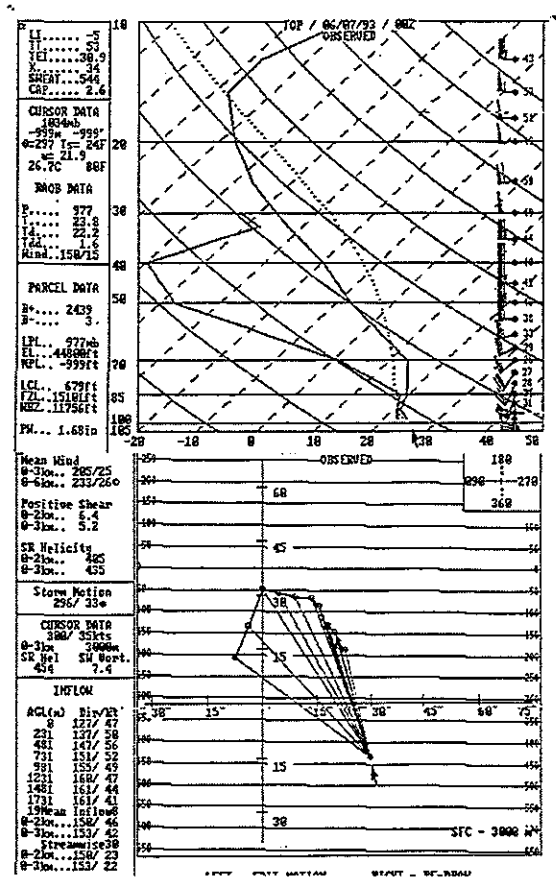
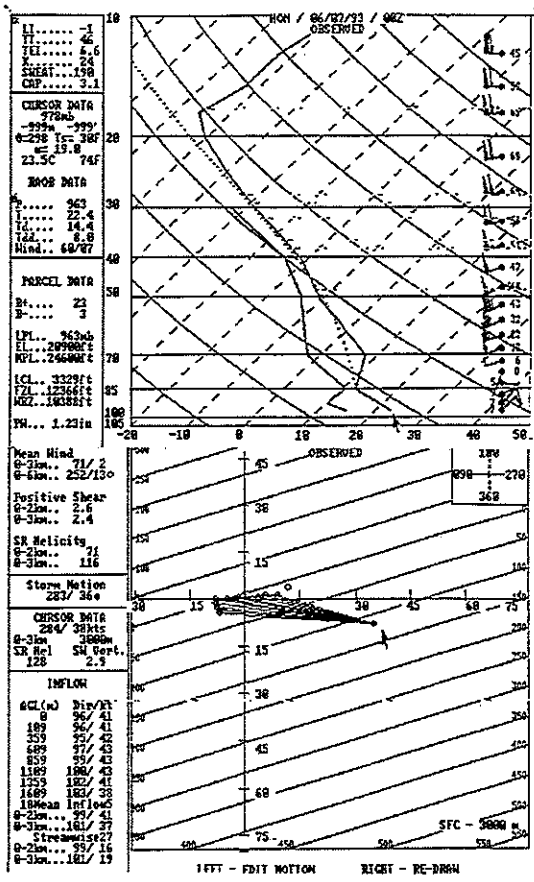


SURFACE MAP 00Z



500 MB 00Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/07/93 - 0600CST 06/08/93

Total Non-Tornadoic Reports: 210

Large Hail Reports... 114      Damaging Wind Reports... 96

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	49	30	22	10	2	1	114
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

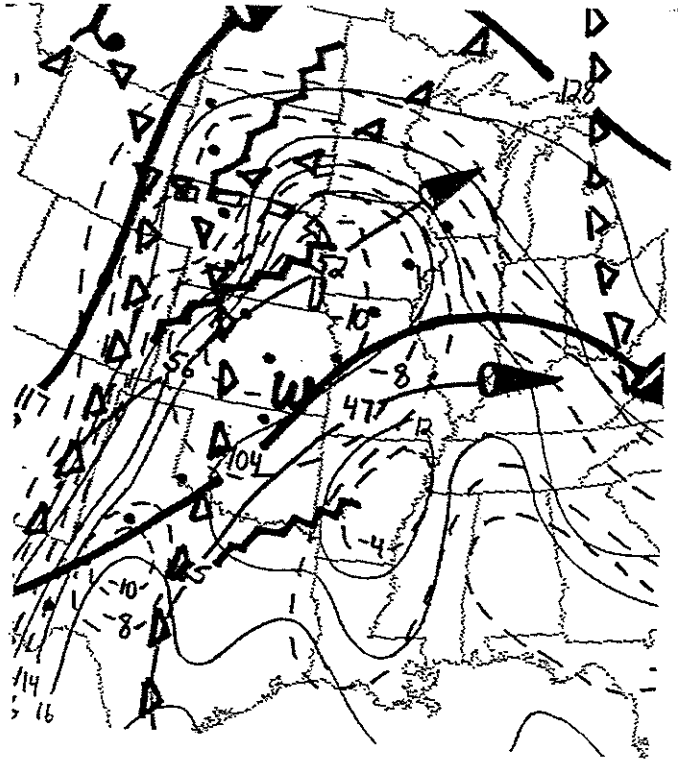
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	56	24	12	2	0	2	96
Fatalities	0	0	1	0	0	0	1
Injuries	0	0	1	0	0	0	1

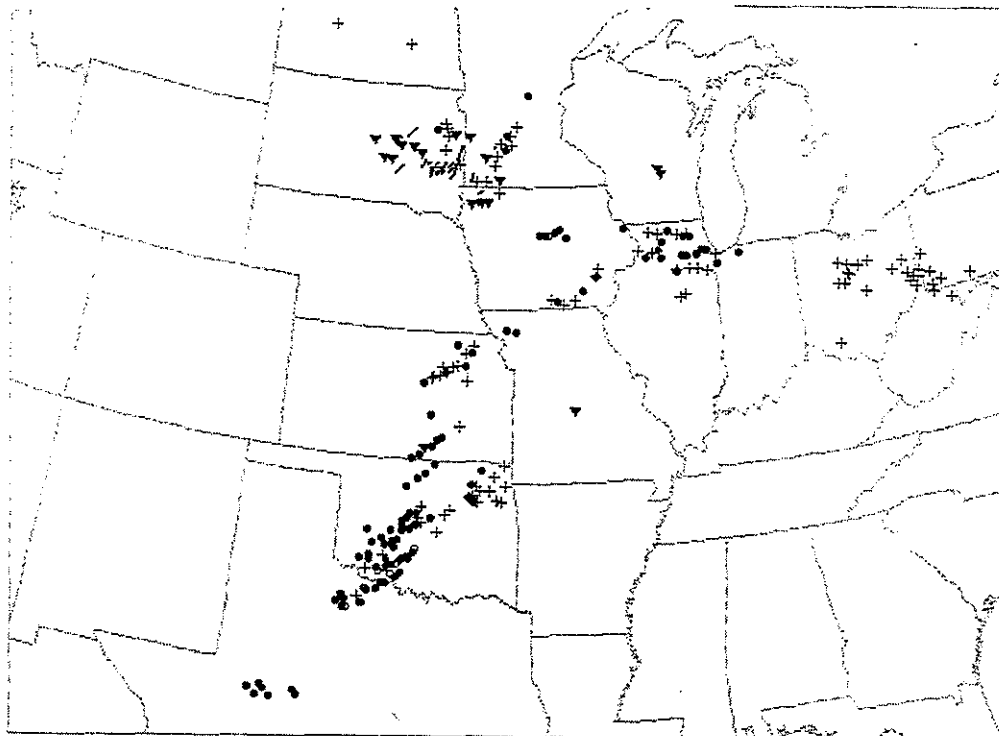
Number of Tornado Segments: 43

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	15	11	9	4	4	0	43
Fatalities	0	0	0	0	0	0	0
Injuries	0	8	5	0	9	0	22



ALL SEVERE REPORTS



0600CST 06/07/93 - 0600CST 06/08/93

SEVERE WEATHER REPORT

SIGNIFICANT EVENTS MAP

MONDAY JUNE 7TH, 1993

SIGNIFICANT TORNADO EVENTS

DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUN 07	1245	F-1	13.0 75	SD	BRULE..KIMBALL	-	2	---
JUN 07	1430	F-3	5.0 400	SD	SPINK..9 SW TULARE	-	---	---
JUN 07	1430	F-2	3.0 75	SD	MINER..FEDORA	-	---	---
JUN 07	1430	F-2	3.0 75	SD	MINER..HOWARD	-	---	---
JUN 07	1430	F-2	3.0 75	SD	MINER..HOWARD	-	---	---
JUN 07	1435	F-2	9.0 100	SD	SANBORN..5 SW ARTESIAN	-	---	---
JUN 07	1440	F-2	10.0 100	SD	SPINK..TULARE-REDFIELD	-	---	---
JUN 07	1440	F-2	10.0 100	SD	SPINK..TULARE-REDFIELD	-	---	---
JUN 07	1440	F-2	10.0 100	SD	SPINK..TULARE-REDFIELD	-	---	---
JUN 07	1523	F-3	5.0 250	SD	MCCOOK..6 NE SALEM	-	---	---
JUN 07	1530	F-4	55.0 800	SD	2 W LYONS-5 NE WHITE	5	10 M	---
JUN 07	1540	F-4	10.0 500	SD	LAKE..10 W MADISON	4	1 M	---
JUN 07	1550	F-3	6.0 100	SD	LAKE..CHESTER	-	---	---
JUN 07	1620	F-3	6.0 100	IA	OSCEOLA..SIBLEY	-	5	---
JUN 07	1741	F-2	10.0 125	IA	OSCEOLA..SIBLEY	-	5	---
JUN 07	1752	F-1	2.5 50	MN	LYON..TRACY	-	6	1 M

16 TOTAL

- 27 12M

SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUN 07	0620	2.00 INCH	IA	HAMILTON..JEWELL	-	---
JUN 07	0700	2.50 INCH	IA	HARDIN..RADCLIFFE	-	---
JUN 07	0705	2.00 INCH	IA	HARDIN..HUBBARD	-	---
JUN 07	0730	2.00 INCH	IA	HARDIN..ELDORA	-	---
JUN 07	0939	2.50 INCH	IA	JEFFERSON..1 S BATAVIA	-	---
JUN 07	1510	4.50 INCH	OK	KIOWA..5 N SNYDER	-	---
JUN 07	1605	2.50 INCH	OK	CADDO..2 N CYRIL	-	---
JUN 07	1740	2.00 INCH	TX	UPTON..17 NNE RANKIN	-	---
JUN 07	1832	3.00 INCH	TX	WICHITA..8 WNW KAMAY	-	---
JUN 07	1832	3.00 INCH	TX	WICHITA..9 WNW KAMAY	-	---
JUN 07	1850	2.75 INCH	OK	STEPHENS..MARLOW	-	---
JUN 07	1910	2.75 INCH	OK	GRADY..1 S COX CITY	-	---
JUN 07	1940	2.00 INCH	TX	IRION..10 N MERTZON	-	---

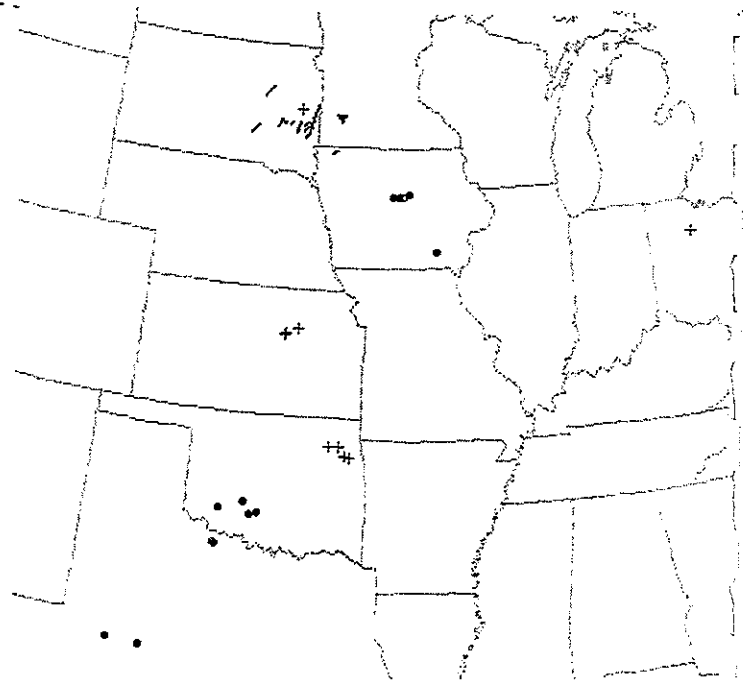
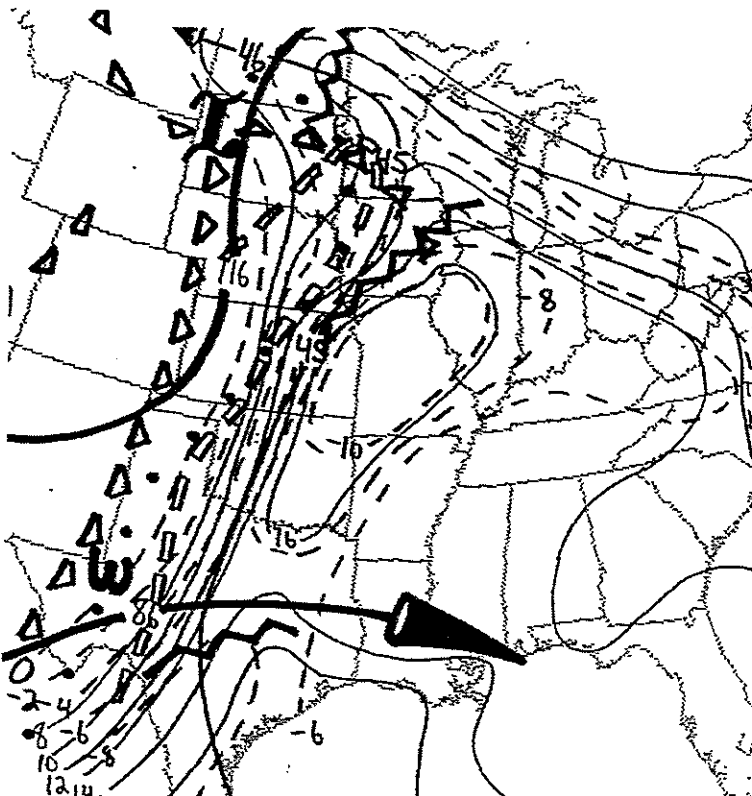
13 TOTAL

SIGNIFICANT WIND EVENTS

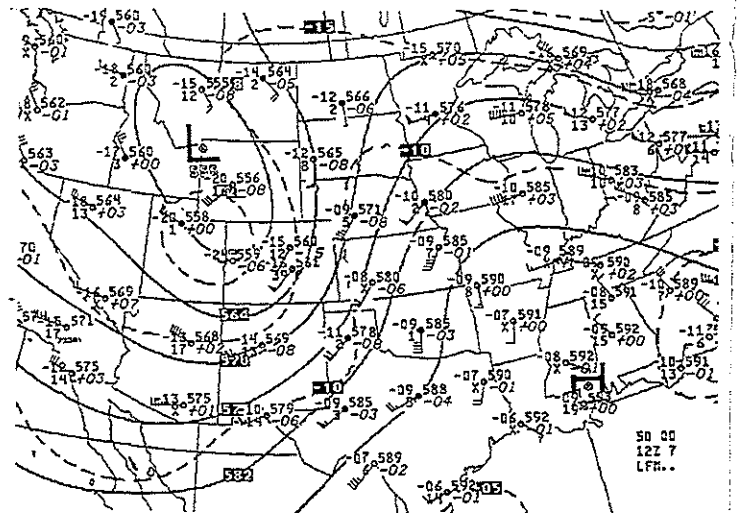
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUN 07	1615	75 MPH GUST	SD	KINGSBURY..ARLINGTON	-	1	---
JUN 07	1700	WIND DAMAGE	OH	WYANDOT	-	-	1 M
JUN 08	0150	75 MPH GUST	OK	ROGERS..CLAREMORE	-	-	---
JUN 08	0205	80 MPH GUST	OK	MAYES..PRYOR	-	-	---
JUN 08	0235	80 MPH GUST	OK	CHEROKEE..PEGGS	-	-	---
JUN 08	0235	75 MPH GUST	OK	CHEROKEE..1 N MOODYS	-	-	---

6 TOTAL

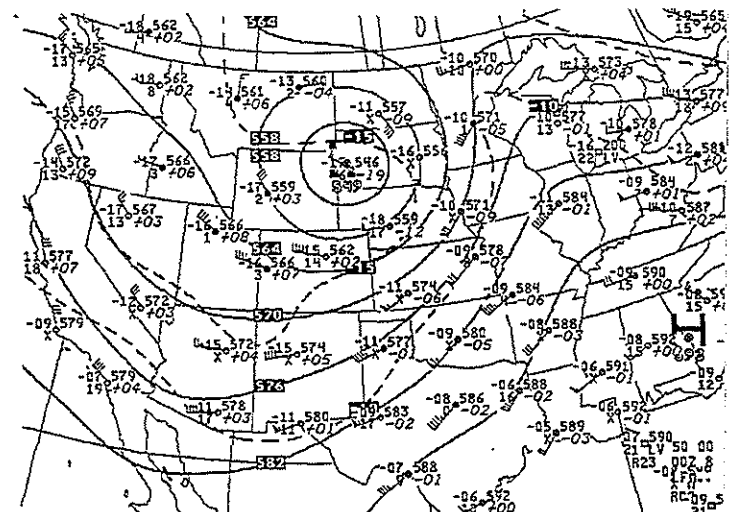
COMPOSITE MAP 00Z



500 MB 12Z

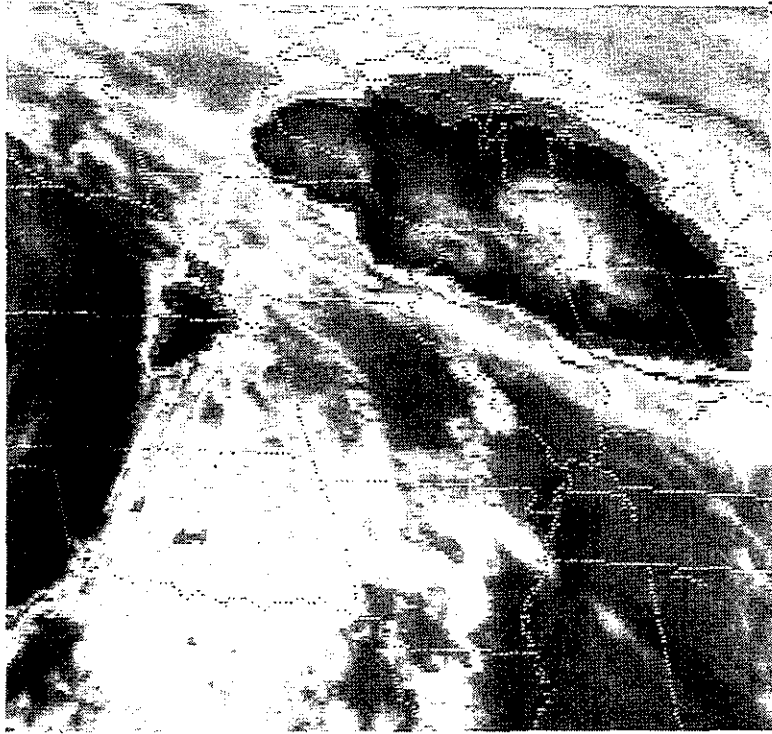


500 MB 00Z

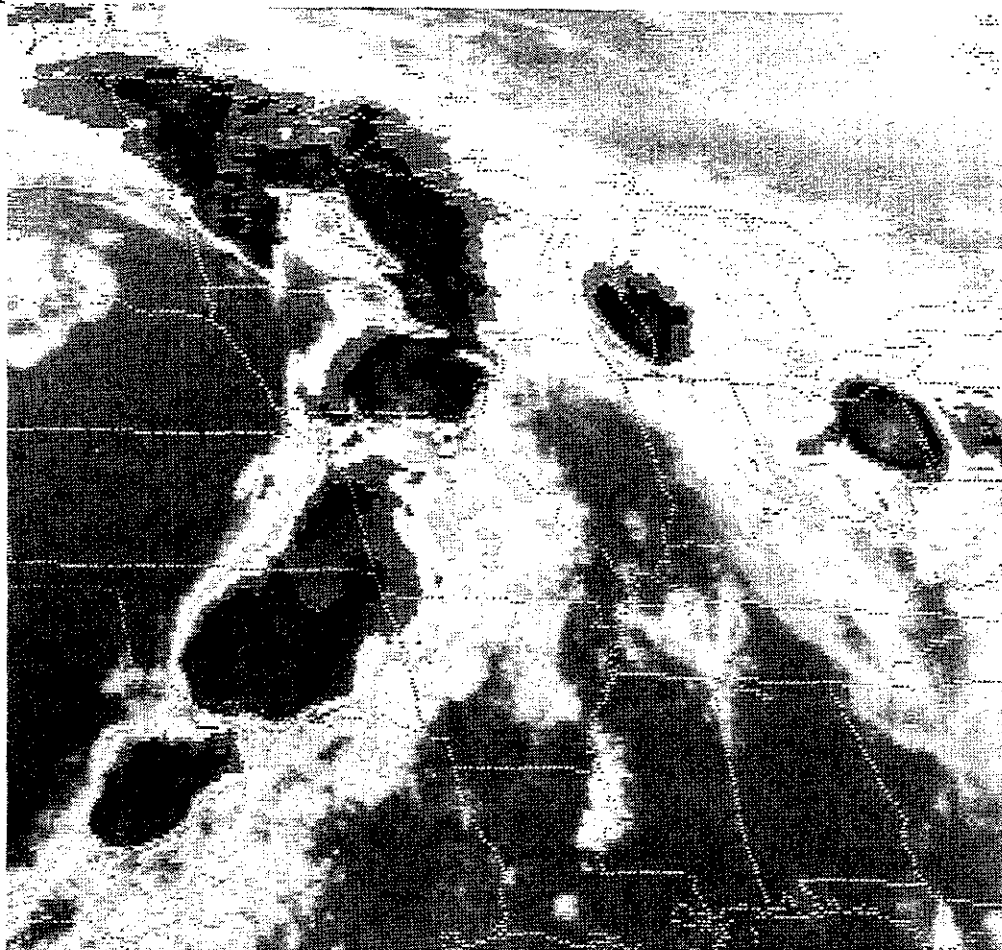




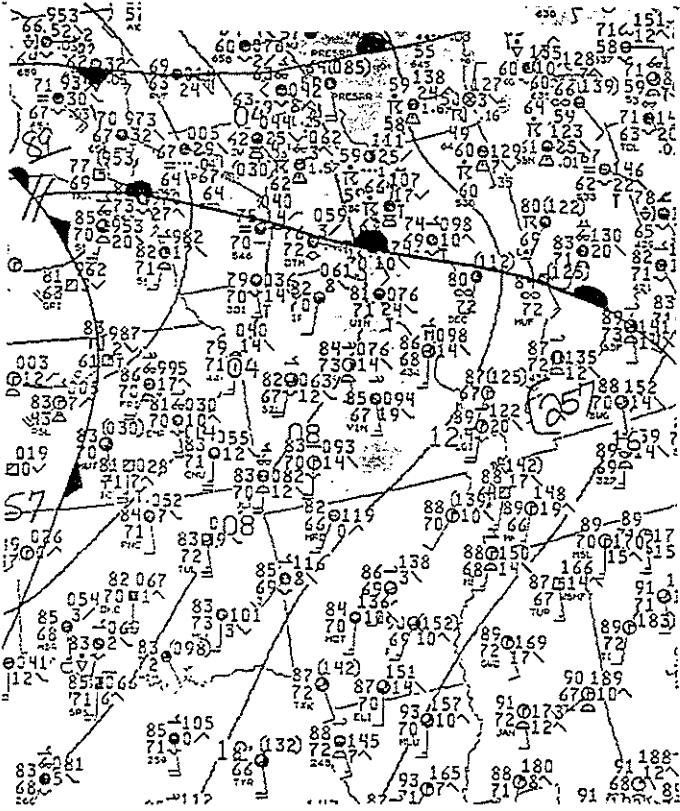
SATELLITE 19Z 7 JUNE



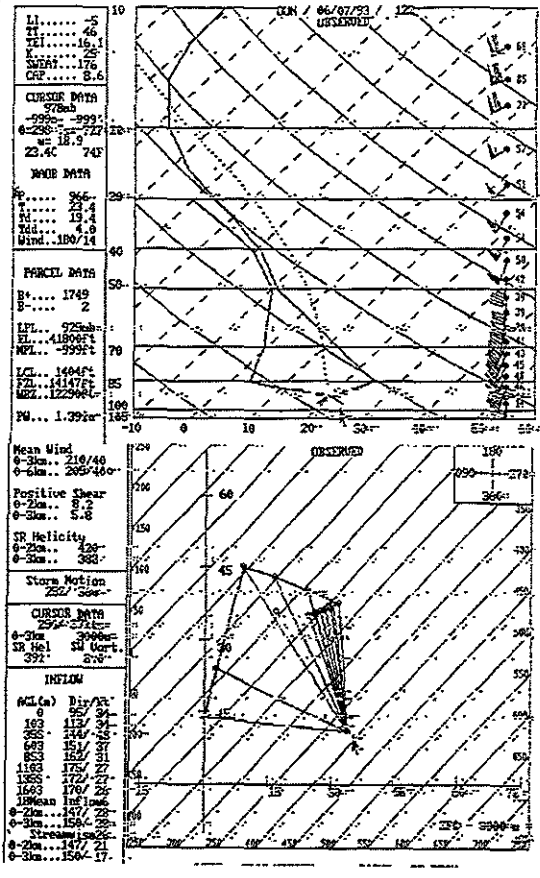
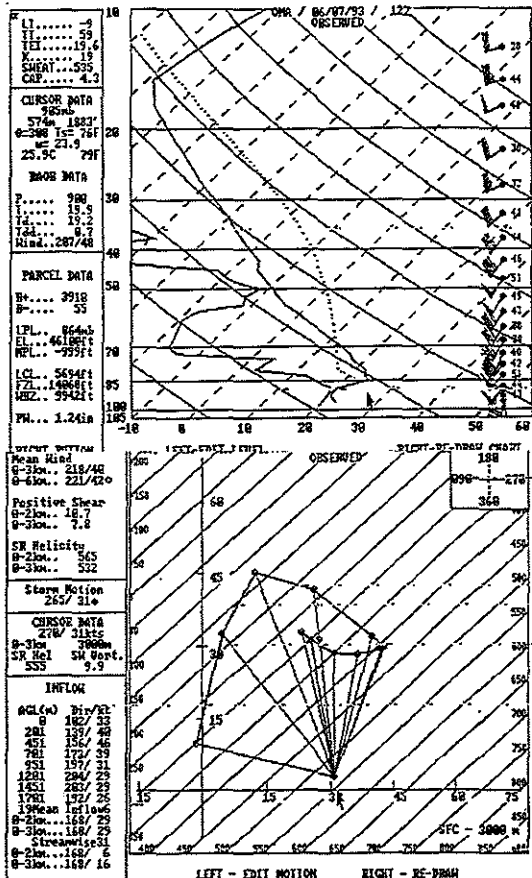
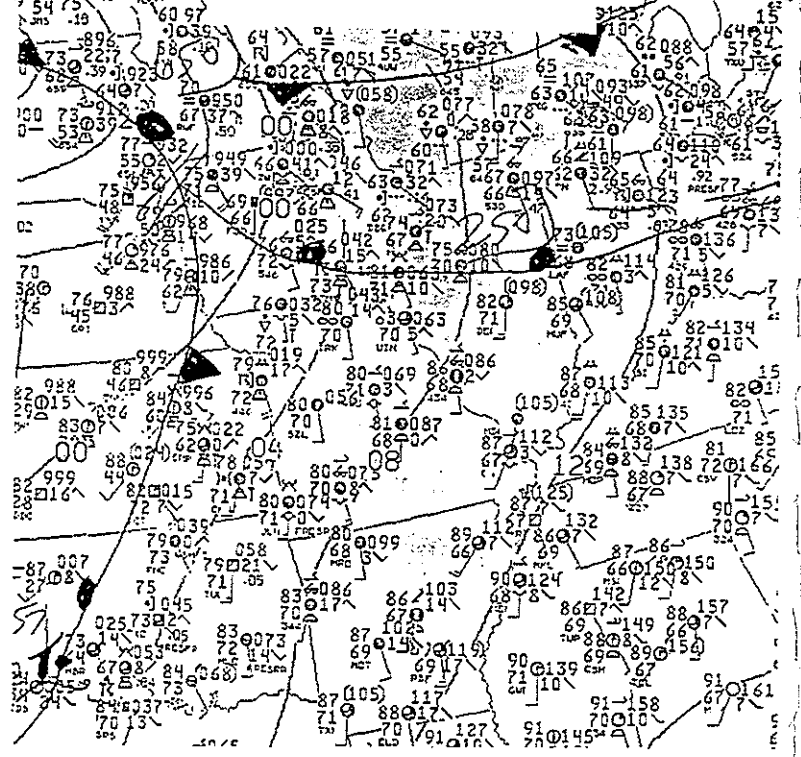
SATELLITE 01Z 8 JUNE



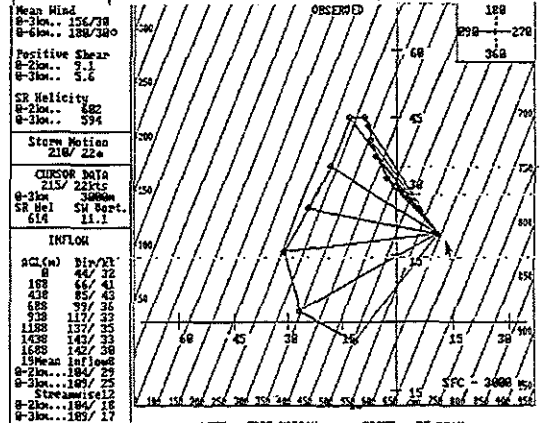
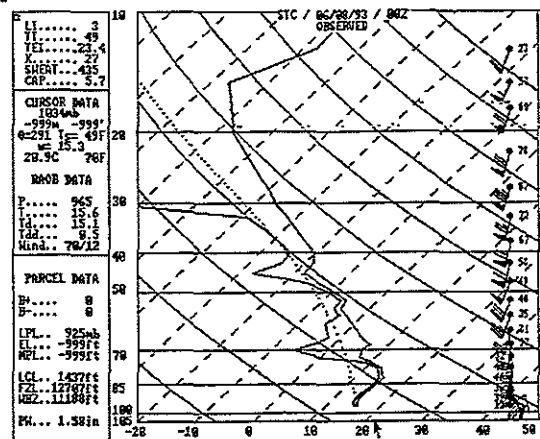
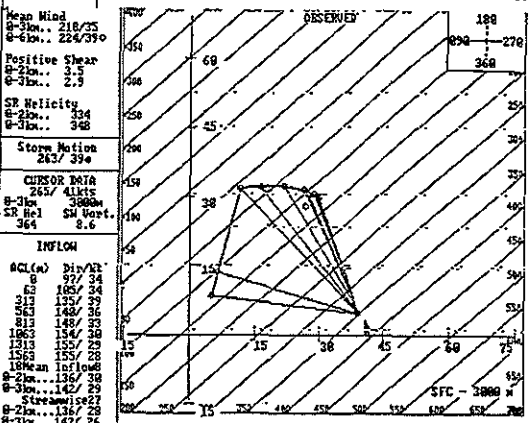
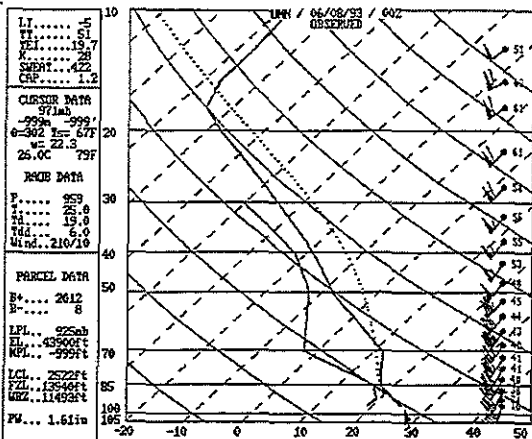
SURFACE MAP 19Z



SURFACE MAP 01Z







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/08/93 - 0600CST 06/09/93

Total Non-Tornadoic Reports: 357

Large Hail Reports... 150      Damaging Wind Reports... 207

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	59	30	42	17	1	1	150
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

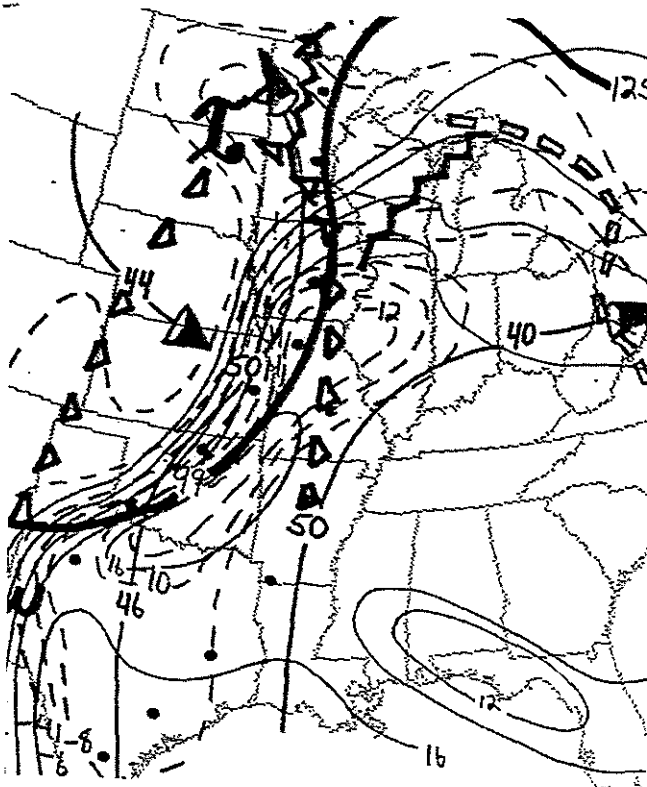
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	164	29	10	2	2	0	207
Fatalities	0	0	0	0	0	0	0
Injuries	5	0	1	1	0	0	7

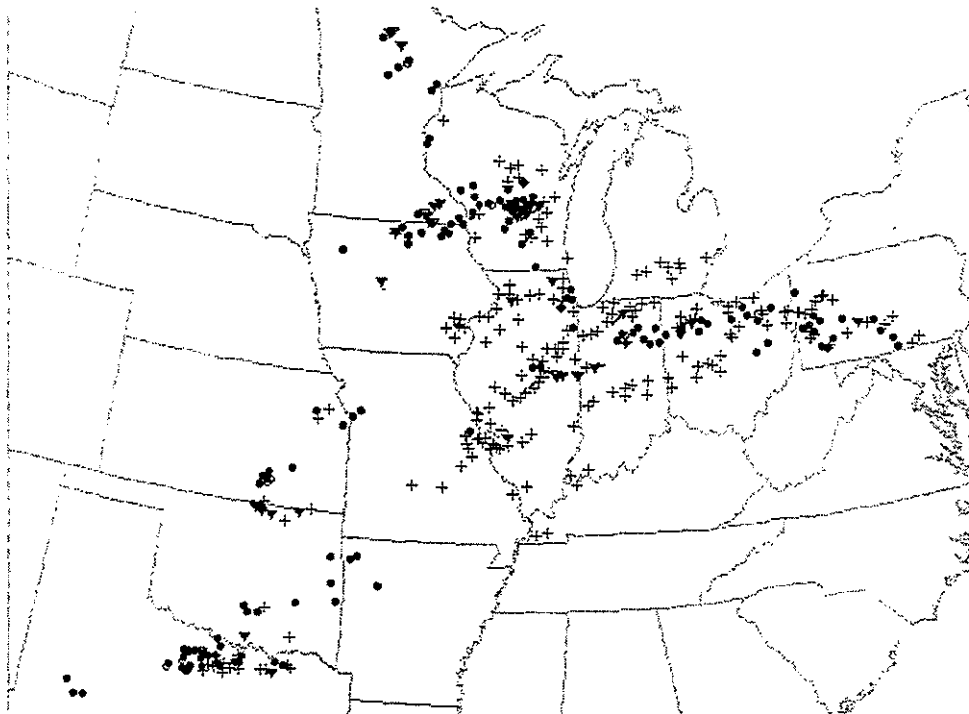
Number of Tornado Segments: 60

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	43	12	4	1	0	0	60
Fatalities	0	0	0	0	0	0	0
Injuries	0	2	0	0	0	0	2



ALL SEVERE REPORTS



0600CST 06/08/93 - 0600CST 06/09/93

SEVERE WEATHER REPC

# TUESDAY JUNE 8TH, 1993

## SIGNIFICANT TORNADO EVENTS

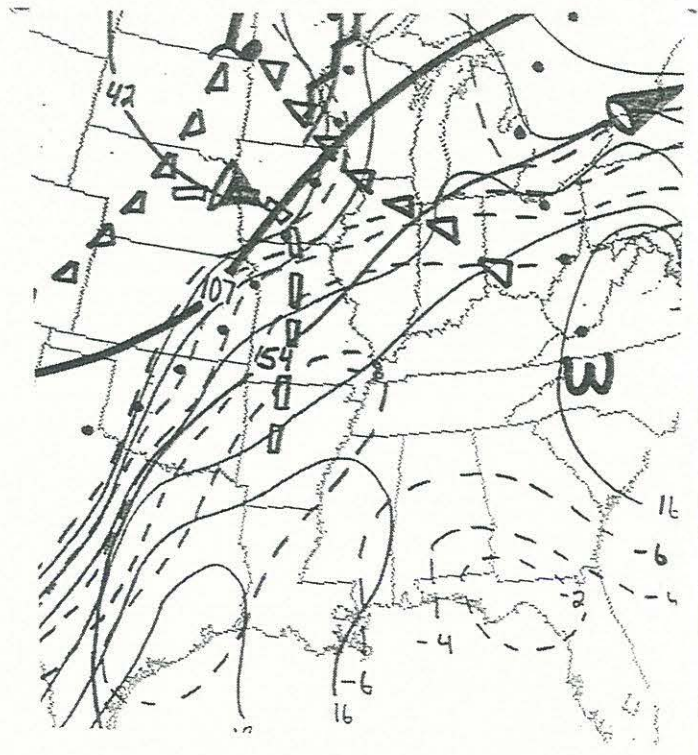
DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUN 08	1220	F-2	6.0 100	IA	MITCHELL..OSAGE	-	-	----
JUN 08	1626	F-2	28.0 1000	WI	GREENLAKE/RIPON	-	-	1 M
JUN 08	1635	F-3	11.5 150	OK	KAY..3 SSW NEWKIRK	-	-	----
JUN 08	1645	F-1	3.0 250	PA	EVERSON TO WOODDALE	2	-	----
<b>4 TOTAL</b>						-	2	1 M

## SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG	
JUN 08	0635	2.75 INCH TX	TX	ARCHER..6 W ARCHER CITY	-	----	
JUN 08	0640	2.50 INCH TX	TX	ARCHER..1 S ARCHER CITY	-	----	
JUN 08	0650	2.50 INCH TX	TX	ARCHER..1 S ARCHER CITY	-	----	
JUN 08	1015	2.75 INCH IA	IA	HOWARD..PROTIVIN	-	----	
JUN 08	1030	2.75 INCH IA	IA	WINNESHIEK..2 N RIDGEWAY	-	----	
JUN 08	1102	2.00 INCH IA	IA	WINNESHIEK..DECORAH	-	----	
JUN 08	1215	4.75 INCH IA	IA	MITCHELL..ORCHARD	-	----	
JUN 08	1300	2.00 INCH WI	WI	LACROSSE..ST. JOSEPH	-	----	
JUN 08	1300	2.75 INCH WI	WI	MONROE..TOMAH	-	----	
JUN 08	1305	2.50 INCH IN	IN	MIAMI..MACY	-	----	
JUN 08	1308	2.50 INCH WI	WI	MONROE..OAKDALE	-	----	
JUN 08	1312	2.50 INCH IN	IN	MIAMI..3 NE DEEDSVILLE	-	----	
JUN 08	1410	2.75 INCH IN	IN	WELLS..MARKLE TO TOCSIN	-	----	
JUN 08	1420	2.00 INCH IN	IN	ADAMS (NORTHERN)	-	----	
JUN 08	1530	2.00 INCH OH	OH	PUTNAM..RIMER	-	----	
JUN 08	1610	3.50 INCH OH	OH	HURON..FITCHVILLE	-	----	
JUN 08	1635	2.50 INCH OH	OH	MEDINA..CHATHAM	-	----	
<b>14 TOTAL</b>						-	----

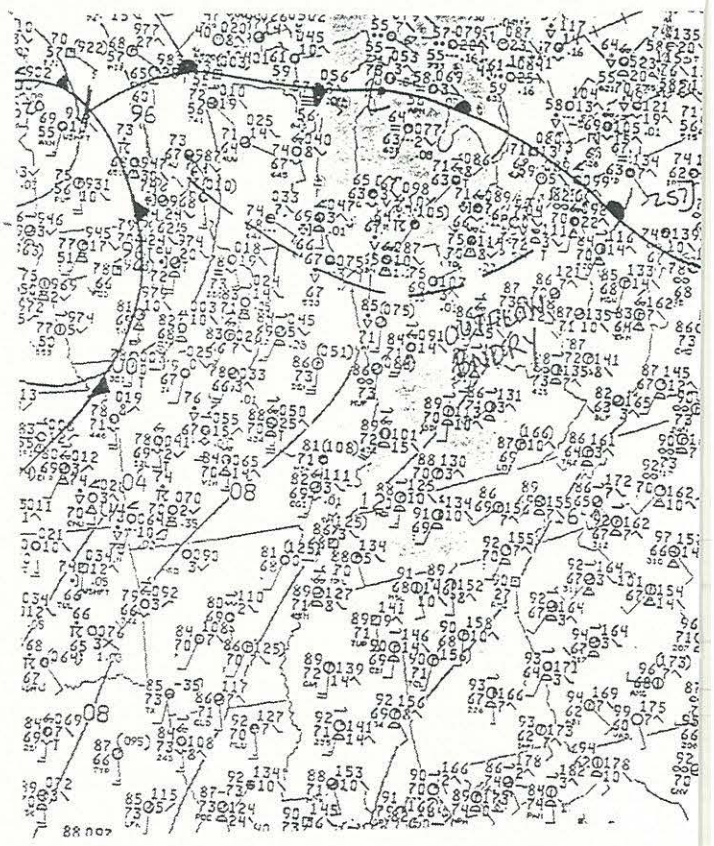
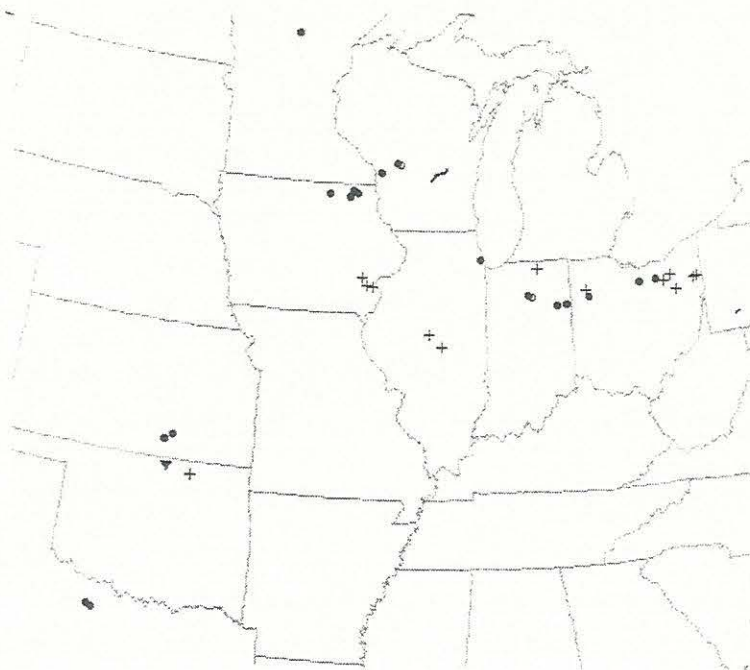
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG	
JUN 08	1440	75 MPH GUST OH	OH	PUTNAM..CLOVERDALE	-	-	----	
JUN 08	1634	WIND DAMAGE IL	IL	MACON..DECATUR	-	2	----	
JUN 08	1635	WIND DAMAGE OH	OH	MEDINA..WADSWORTH	-	1	----	
JUN 08	1639	WIND DAMAGE IL	IL	LOGAN..LATHAM	-	-	4 M	
JUN 08	1650	WIND DAMAGE IL	IL	MACON	-	-	3 M	
JUN 08	1650	WIND DAMAGE IL	IL	DeWITT	-	-	3 M	
JUN 08	1700	80 MPH GUST OH	OH	MAHONING	-	-	2 M	
JUN 08	1710	100 MPH GUST OH	OH	STARK/SUMMIT	-	-	8 M	
JUN 08	1712	WIND DAMAGE IL	IL	COOK..CHICAGO	-	-	1 M	
JUN 08	1718	80 MPH GUST IA	IA	WASHINGTON..AINSWORTH	-	1	----	
JUN 08	1800	80 MPH GUST IA	IA	LOUISA..COLUMBUS CITY	-	-	----	
JUN 08	1805	WIND DAMAGE IA	IA	LOUISA..WAPELLO	-	1	----	
JUN 08	1849	75 MPH GUST OK	OK	OSAGE..1 N PAWUSKA	-	-	----	
JUN 08	1915	WIND DAMAGE IN	IN	ELKHART..GOSHEN	-	2	----	
<b>14 TOTAL</b>						-	7	21M

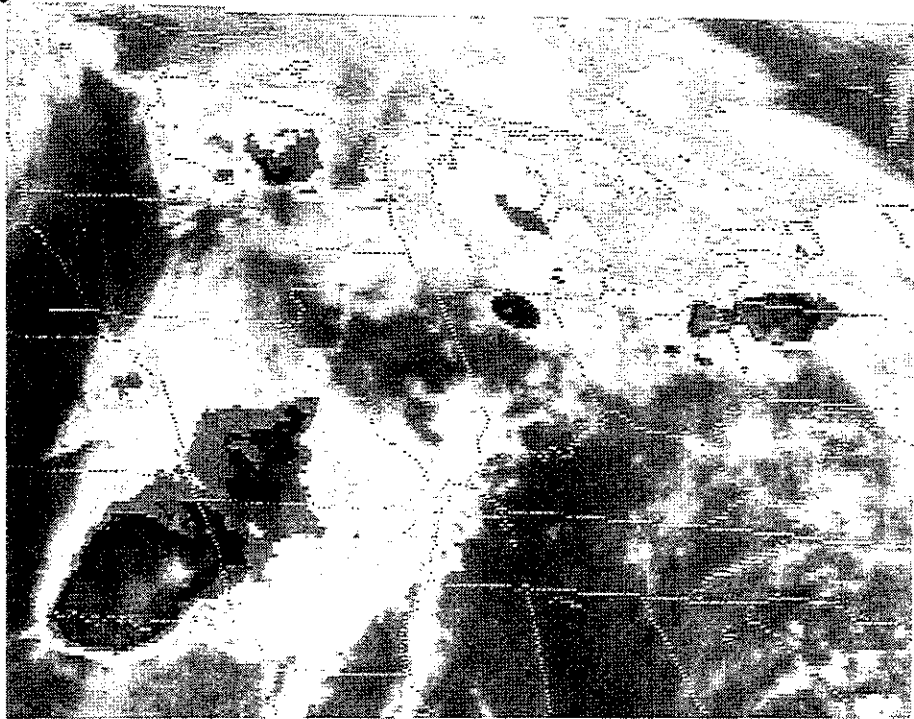


SURFACE MAP 18Z

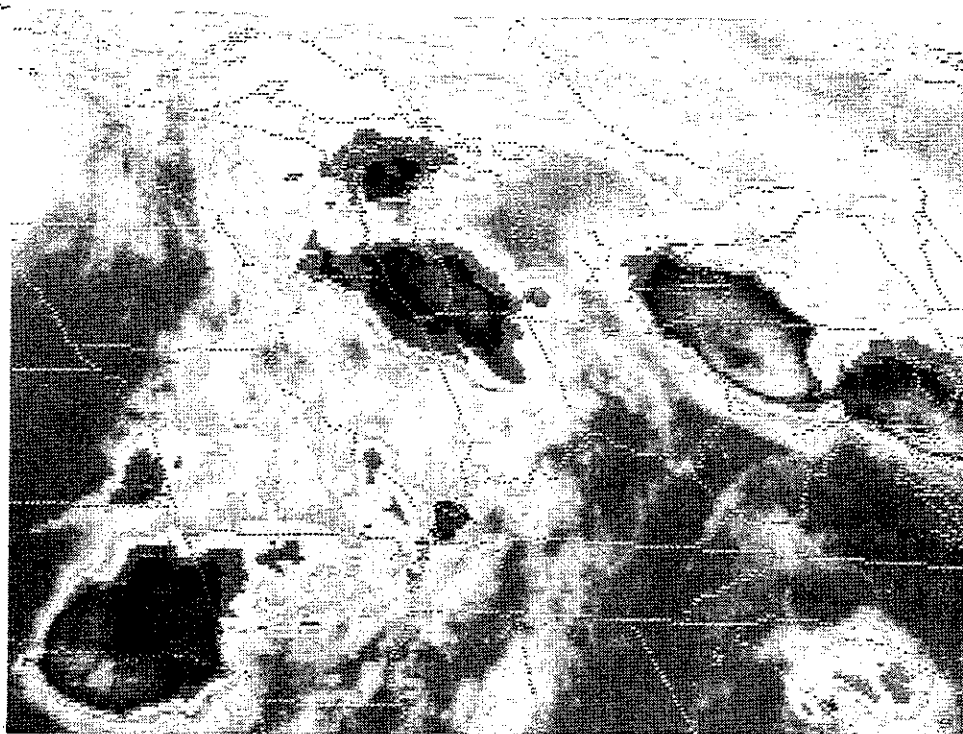
## SIGNIFICANT EVENTS MAP

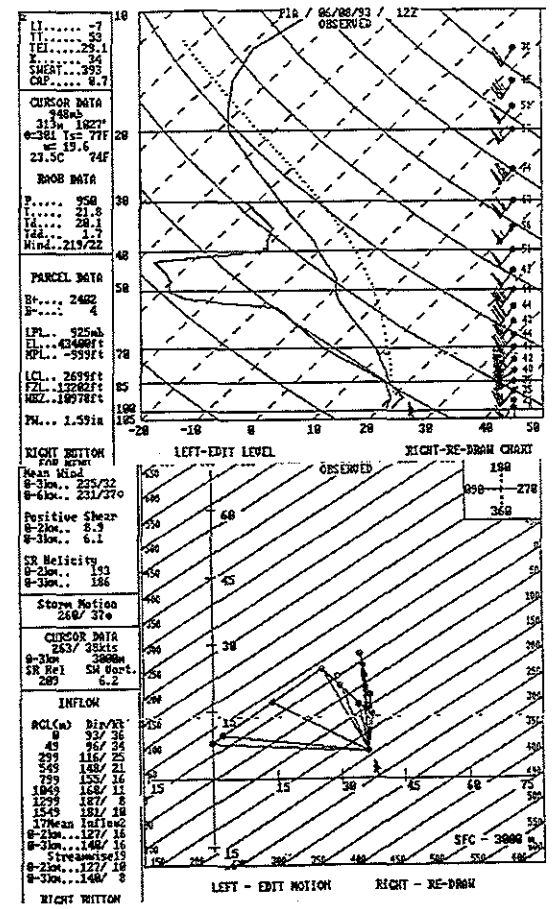
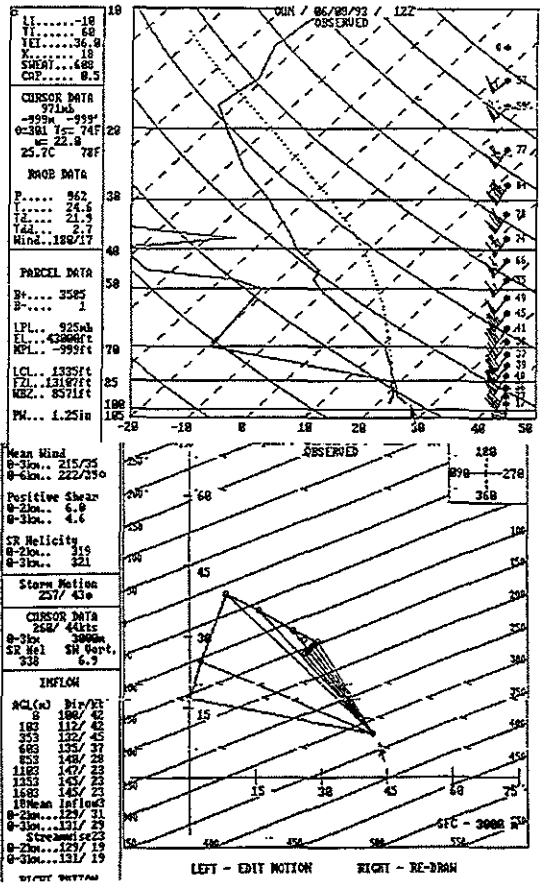
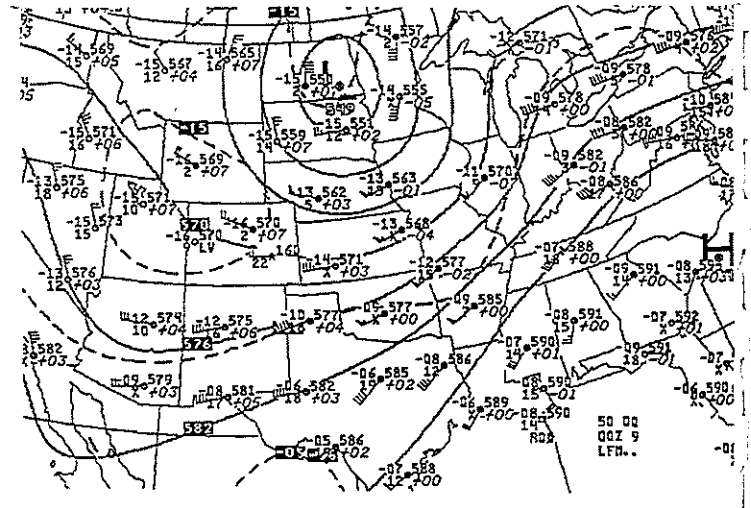
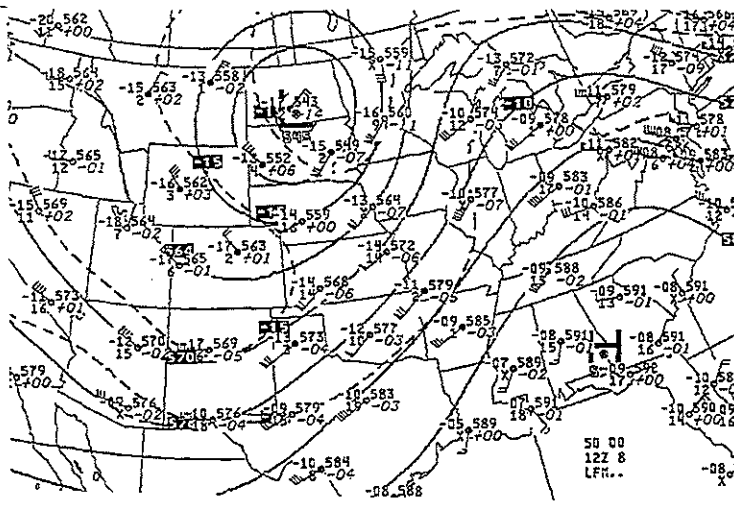


SATELLITE 19Z 8 JUNE

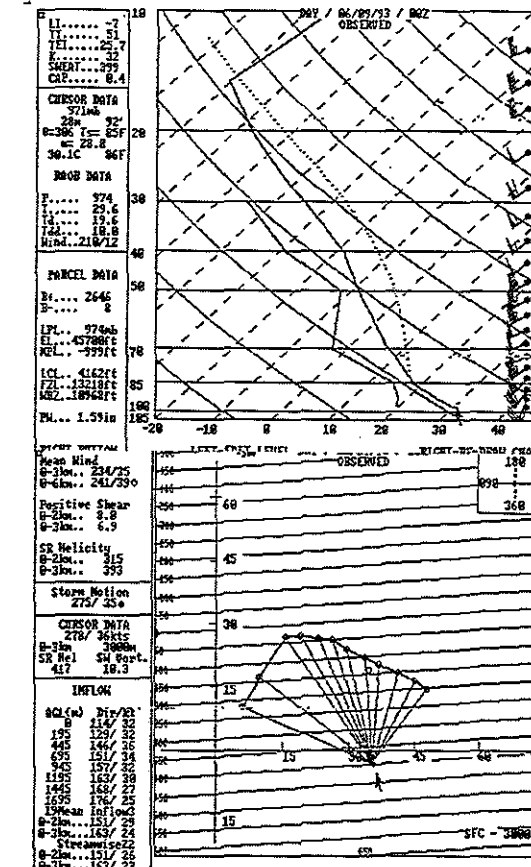
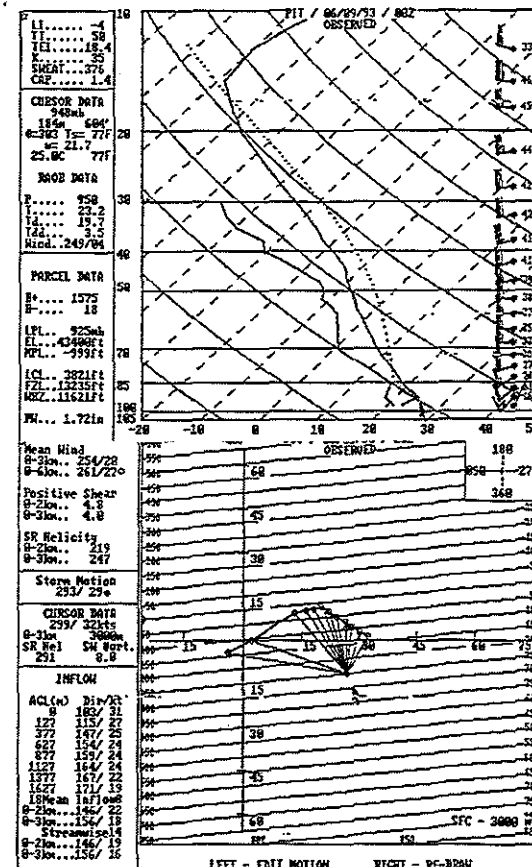
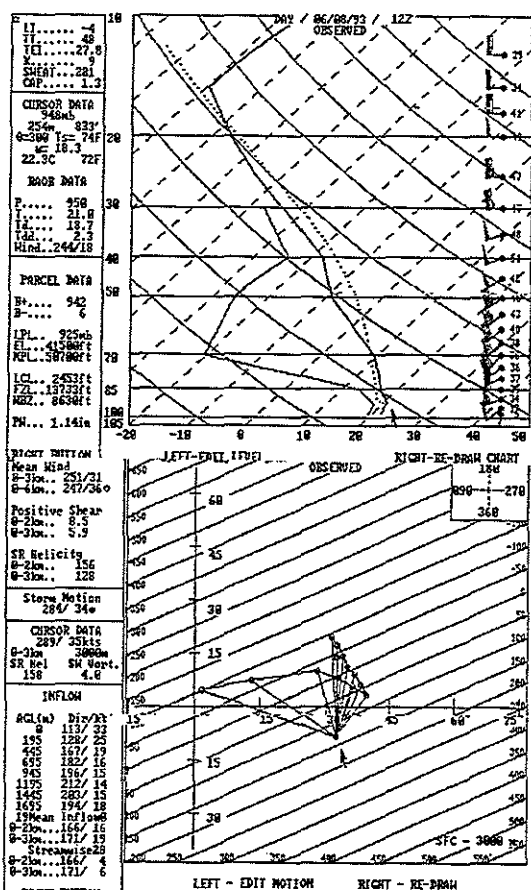
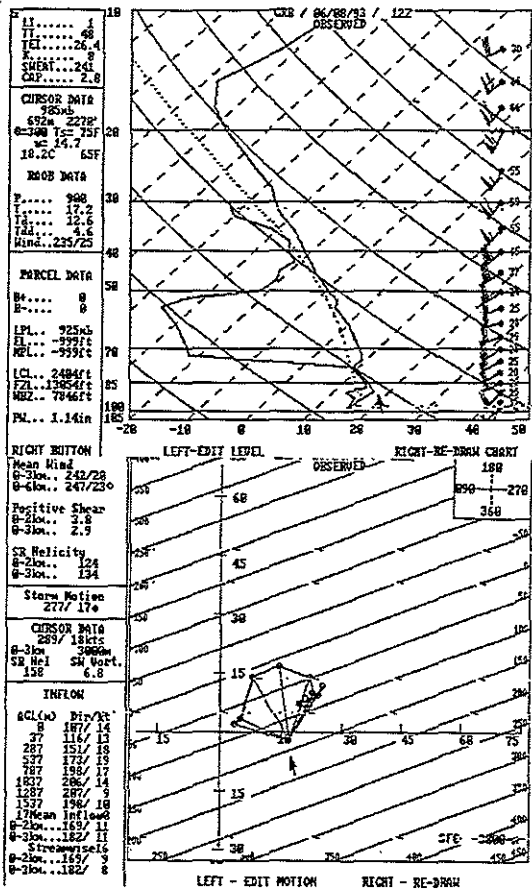


SATELLITE 01Z 9 JUNE









National Severe Storms Forecast Center  
 Severe Thunderstorm and Tornado Database  
 Page 1

0600CST 06/08/93 - 0600CST 06/09/93

Total Non-Tornadic Reports: 357

Large Hail Reports... 150      Damaging Wind Reports... 207

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	59	30	42	17	1	1	150
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

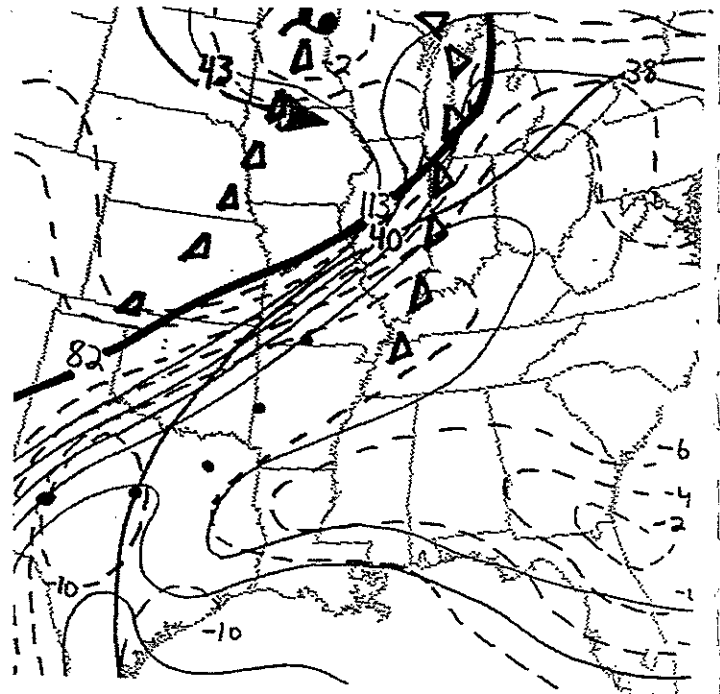
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	164	29	10	2	2	0	207
Fatalities	0	0	0	0	0	0	0
Injuries	5	0	1	1	0	0	7

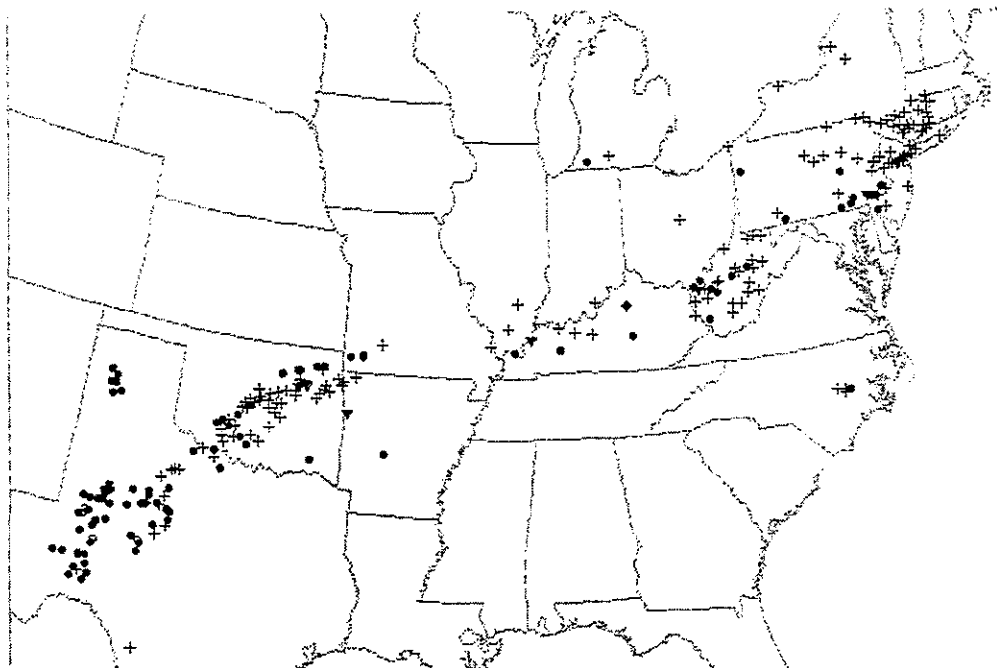
Number of Tornado Segments: 60

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	43	12	4	1	0	0	60
Fatalities	0	0	0	0	0	0	0
Injuries	0	2	0	0	0	0	2



ALL SEVERE REPORTS



0600CST 06/09/93 - 0600CST 06/10/93

SEVERE WEATHER REPOF

# WEDNESDAY JUNE 9TH, 1993

## SIGNIFICANT TORNADO EVENTS

DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUN 9	1420	F-1	1.5 50	PA	CHESTER CO.	1	-	----
JUN 9	1558	F-0	0.1 30	OK	TULSA..GLENPOOL	-	1	----

2 TOTAL 1 1 ----

## SIGNIFICANT HAIL EVENTS

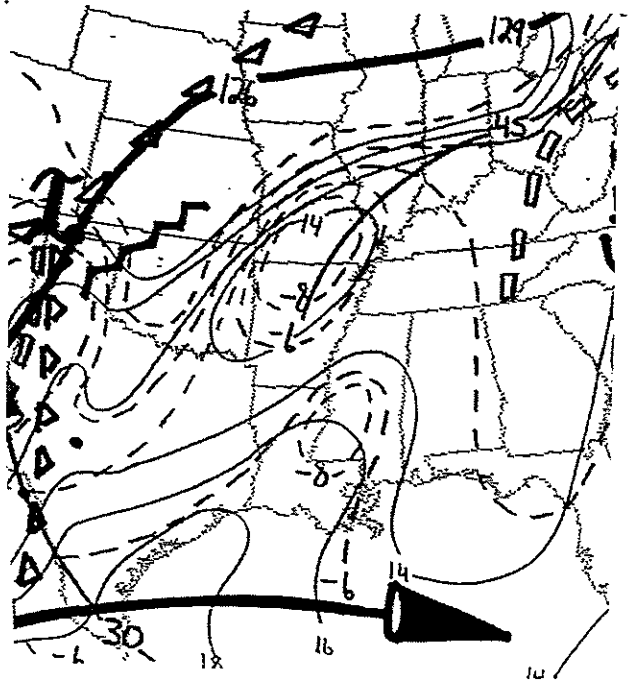
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUN 09	1114	2.00 INCH	IL-s	MASSAC..METROPOLIS	-	----
JUN 09	1900	2.75 INCH	TX-sw	PECOS..1 E IRAAN	-	----
JUN 09	1937	2.75 INCH	TX-sw	PECOS..1 E SHEFFIELD	-	----

3 TOTAL - - ----

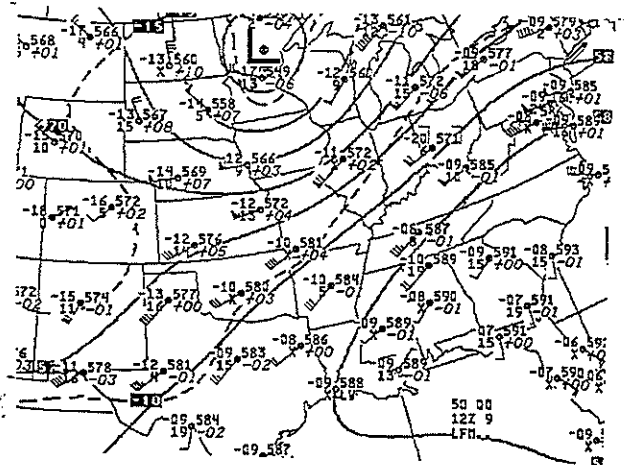
## SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUN 09	1030	WIND DAMAGE	PA-nc	LYCOMING..TROUT RUN	1	-	----
JUN 09	1215	WIND DAMAGE	NY-se	SULLIVAN..KIAMESHA LAKE	5	----	
JUN 09	1215	WIND DAMAGE	NY-se	ULSTER..ELLENVILLE	1	----	
JUN 09	1215	75 MPH GUST	TX-nc	WICHITA..WICHITA FALLS	-	----	
JUN 09	1225	80 MPH GUST	IL-s	WILLIAMSON..MARION	-	----	
JUN 09	1315	WIND DAMAGE	NY-sw	ROCKLAND..HAVERSTRAW	-	2	----
JUN 09	1400	91 MPH GUST	NJ-nw	HUNTERDON..WHITEHOUSE	-	----	
JUN 09	1420	WIND DAMAGE	NJ-ne	MIDDLESEX..WOODBIDGE	-	6	----
JUN 09	1440	WIND DAMAGE	NY-se	RICHMOND	-	1	----
JUN 09	1500	100 MPH GUST	OK-c	LINCOLN..CHANDLER	-	----	
JUN 09	1510	80 MPH GUST	OK-c	LINCOLN..STROUD	-	----	
JUN 09	1653	80 MPH GUST	OK-ne	CHEROKEE..HULBERT	-	----	
JUN 10	0425	80 MPH GUST	TX-sc	ZAVALA..15 W LA PRYOR	-	----	

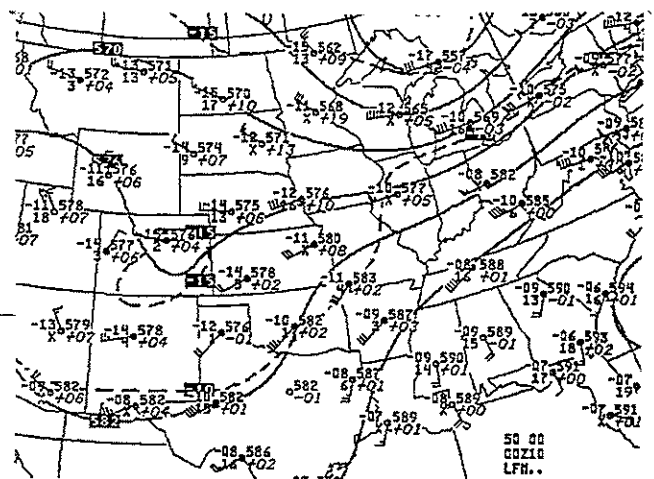
13 TOTAL 2 14 ----



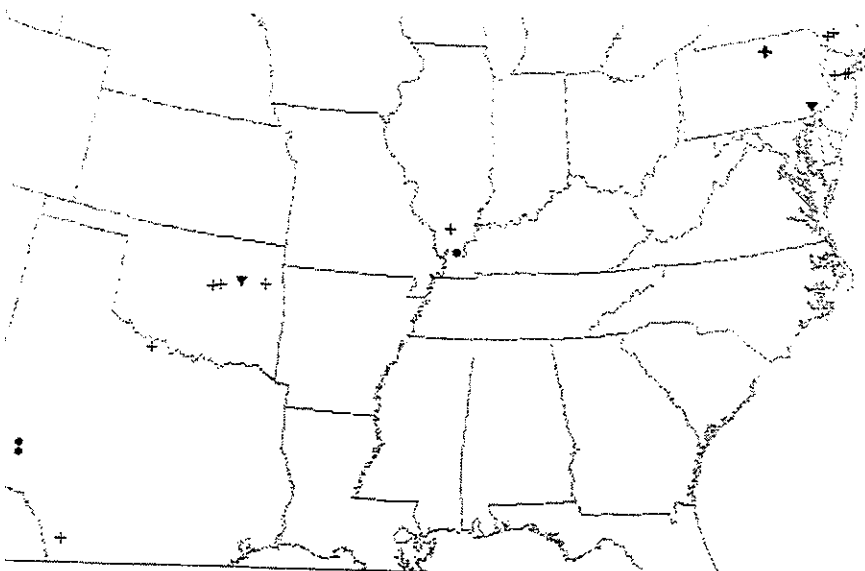
500 MB 12Z



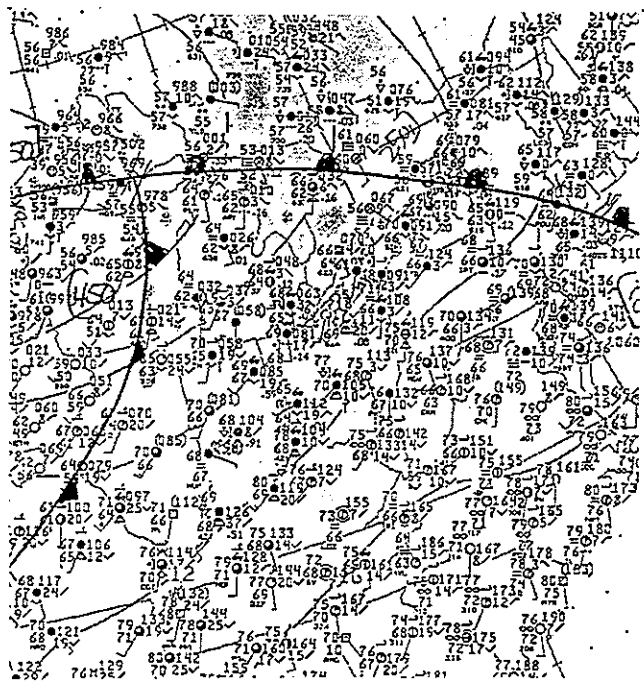
500 MB 00Z



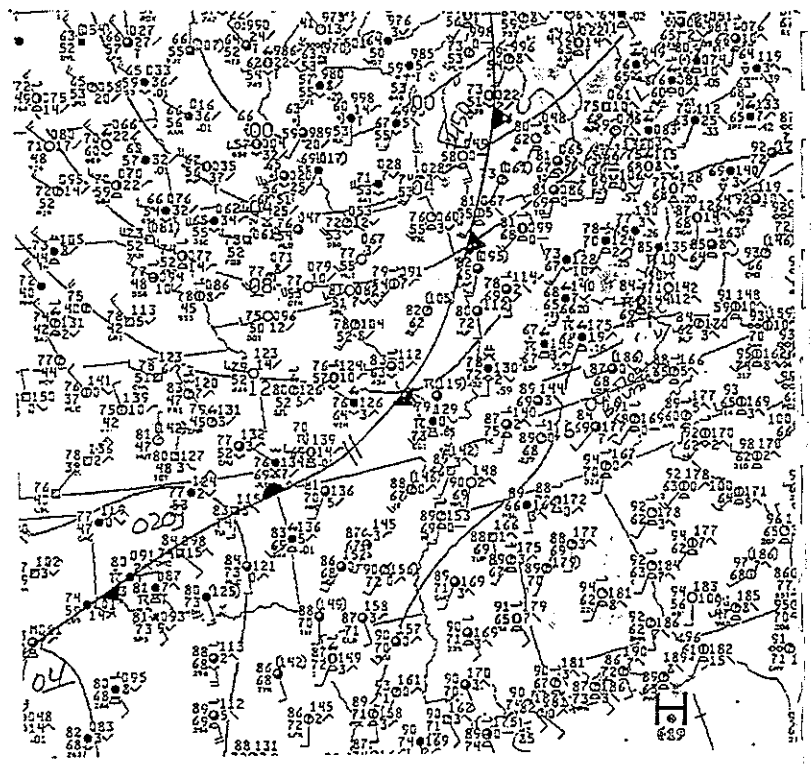
SIGNIFICANT EVENTS MAP



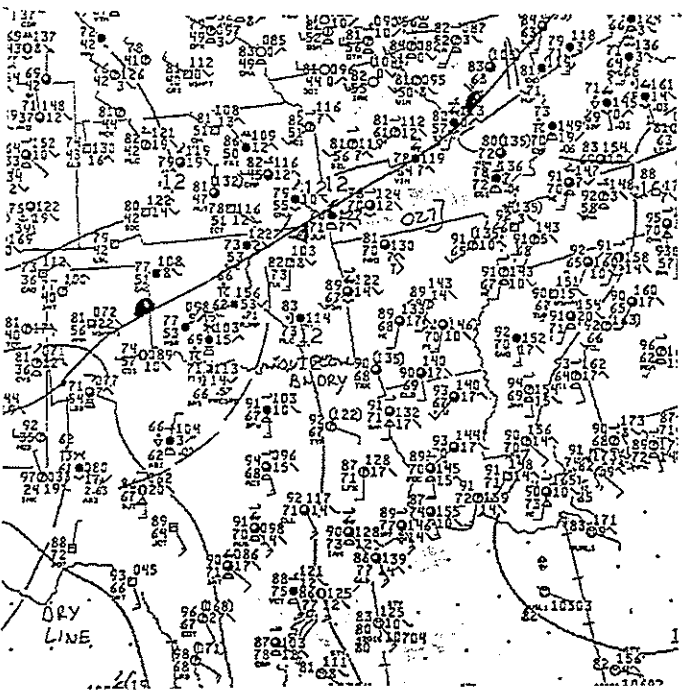
SURFACE MAP 12Z



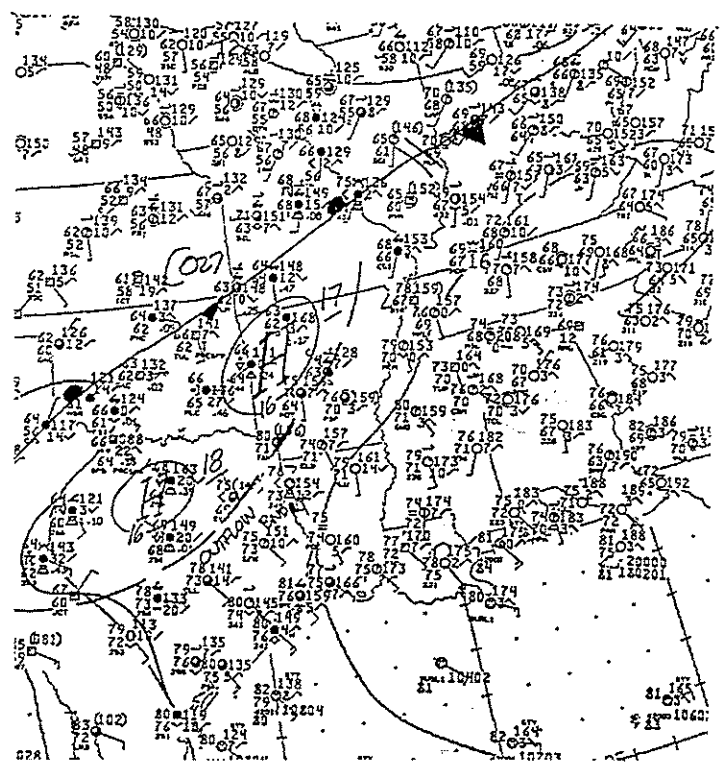
SURFACE MAP 18Z



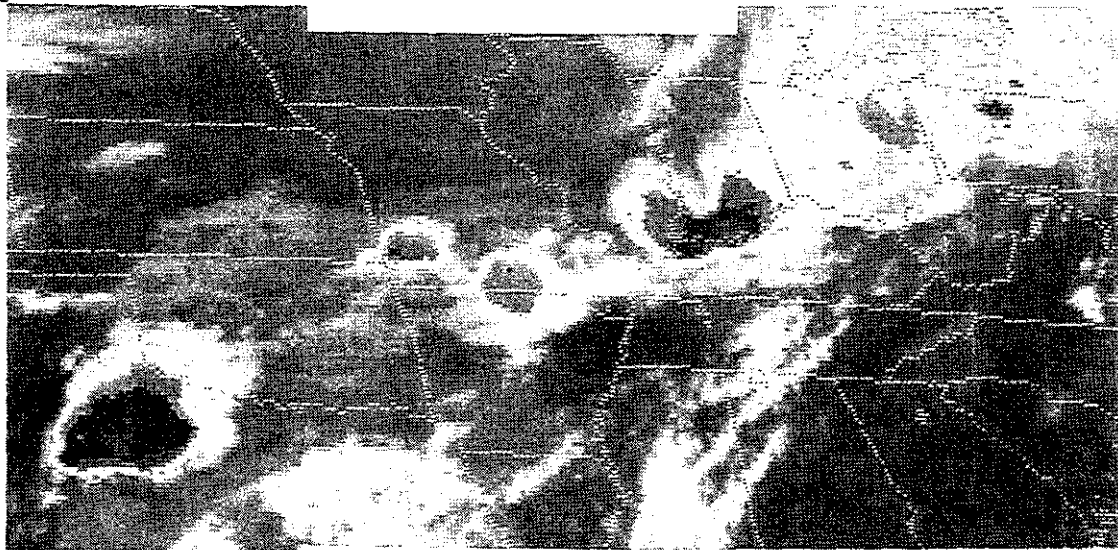
SURFACE MAP 00Z



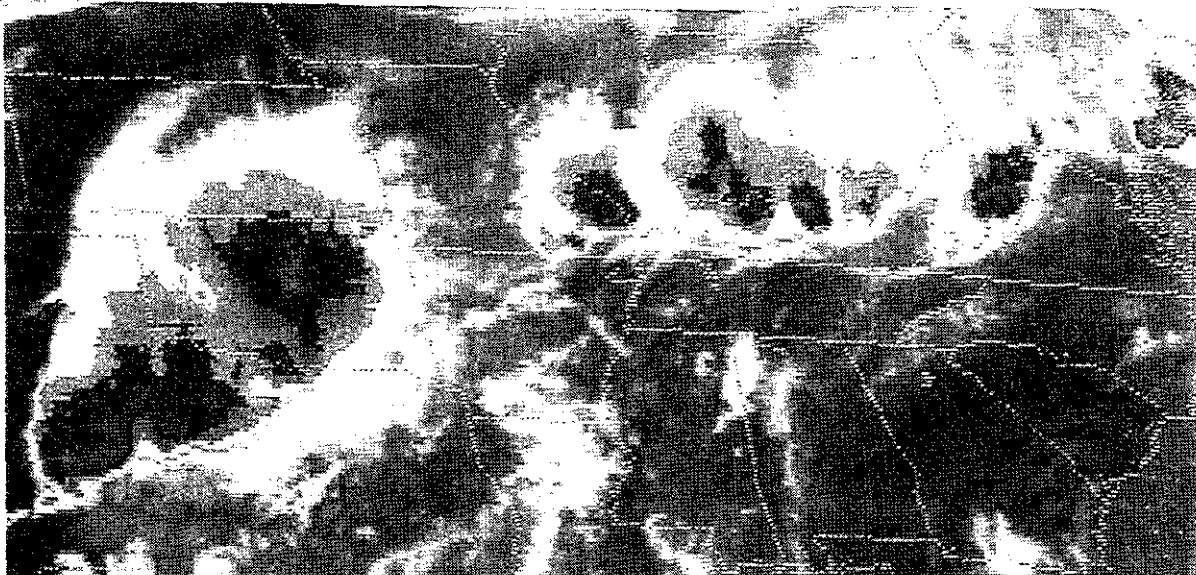
SURFACE MAP 06Z



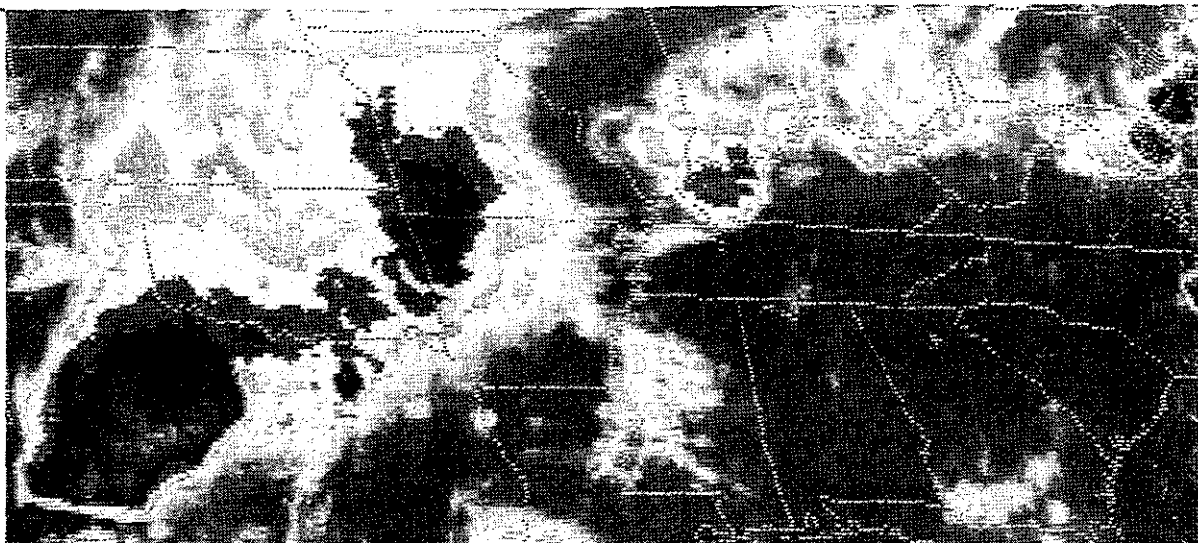
SATELLITE 15Z 9 JUNE

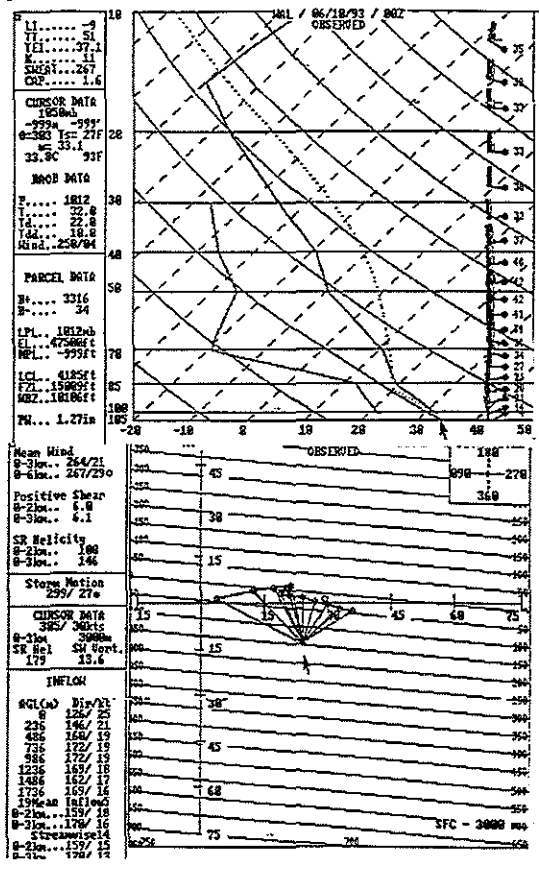
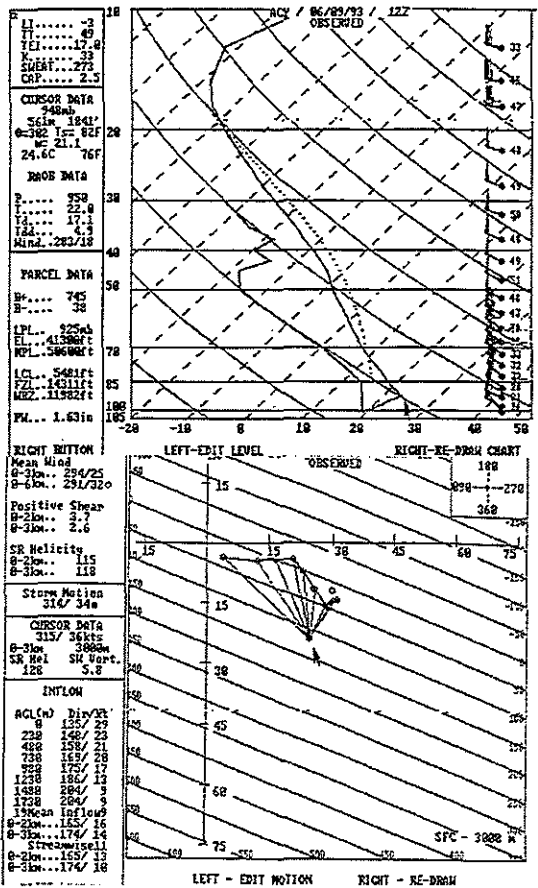
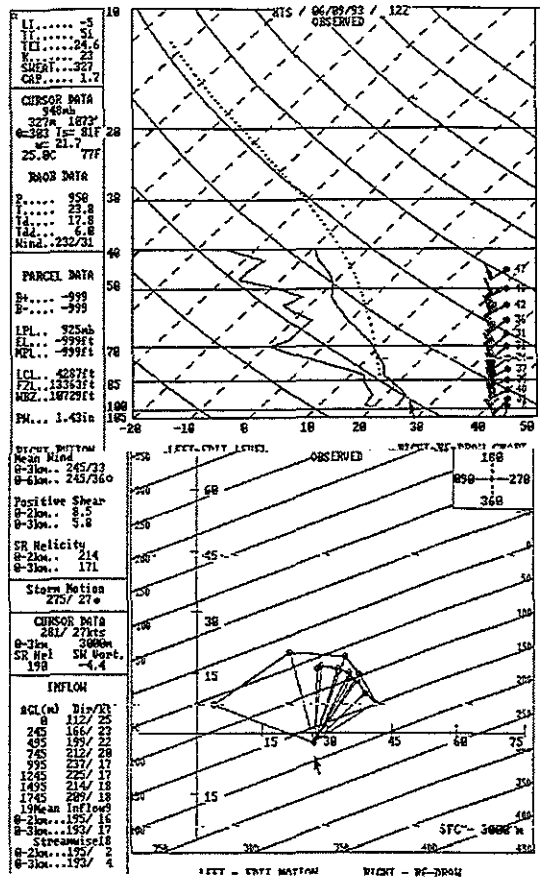
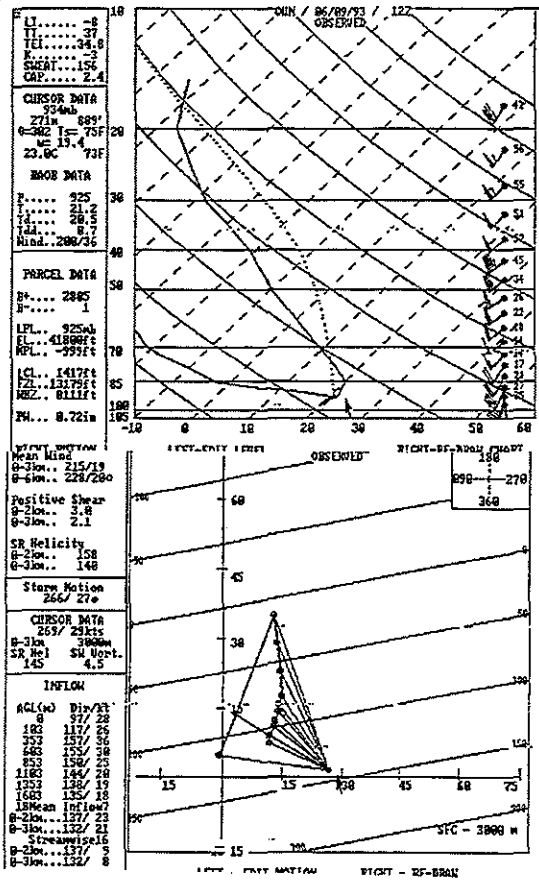


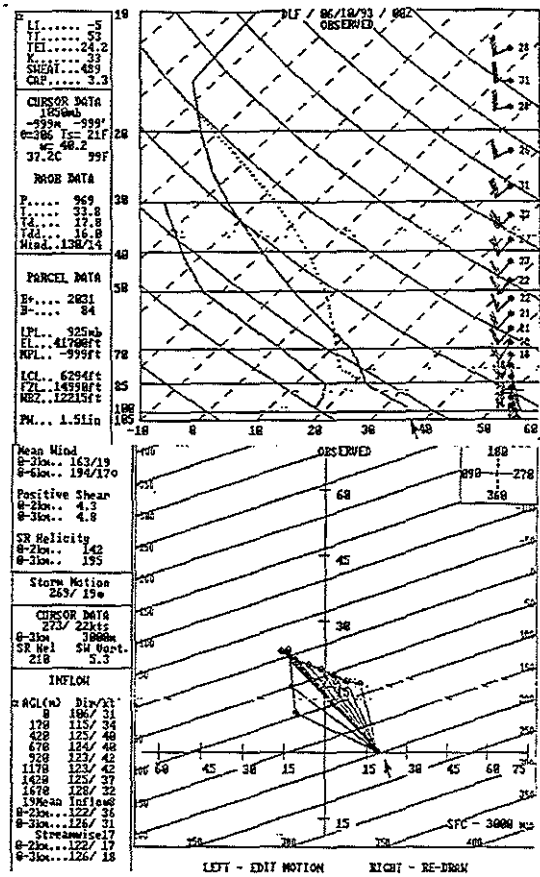
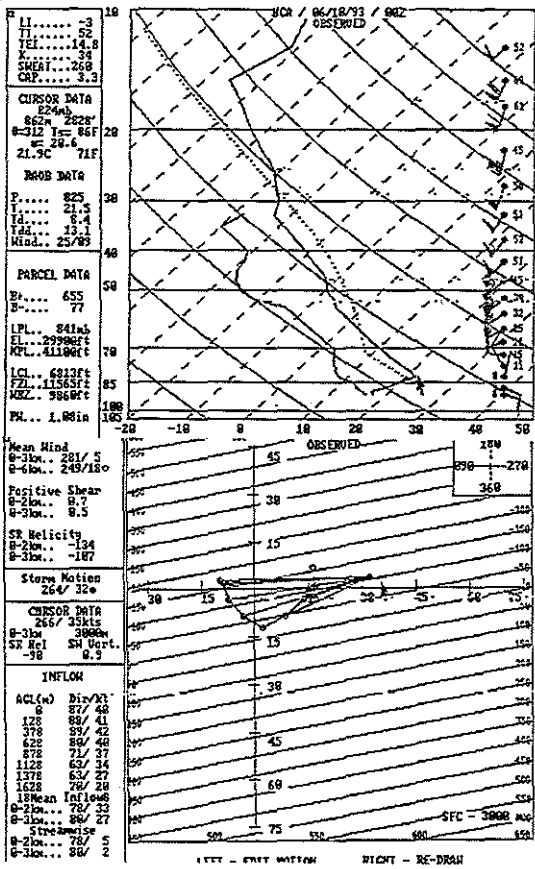
SATELLITE 21Z 9 JUNE



SATELLITE 01Z 10 JUNE







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/11/93 - 0600CST 06/12/93

Total Non-Tornadic Reports: 10

Large Hail Reports... 8      Damaging Wind Reports... 2

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	3	1	3	1	0	0	8
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

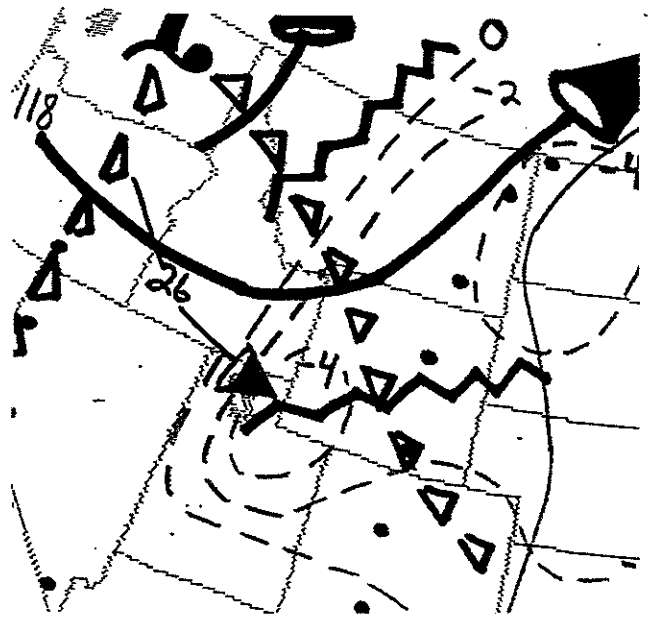
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

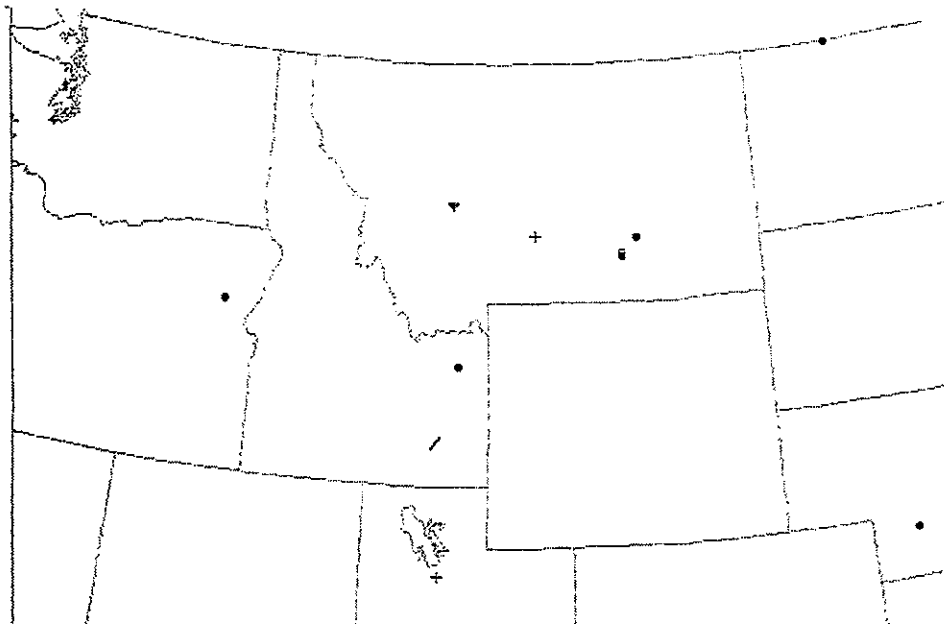
Number of Tornado Segments: 2

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	1	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	2	0	0	0	0	2



ALL SEVERE REPORTS



0600CST 06/11/93 - 0600CST 06/12/93

SEVERE WEATHER R



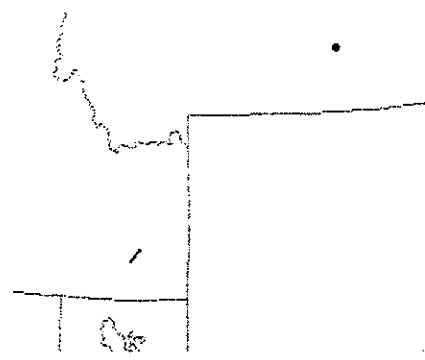
FRIDAY JUNE 11TH, 1993

SIGNIFICANT TORNADO EVENTS

DATE	TIME	TOR PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JUN 11	1640	F-1 10	0.3	ID	BANNOCK CO.	-	2	1 M
<b>1 TOTAL</b>						-	2	1 M

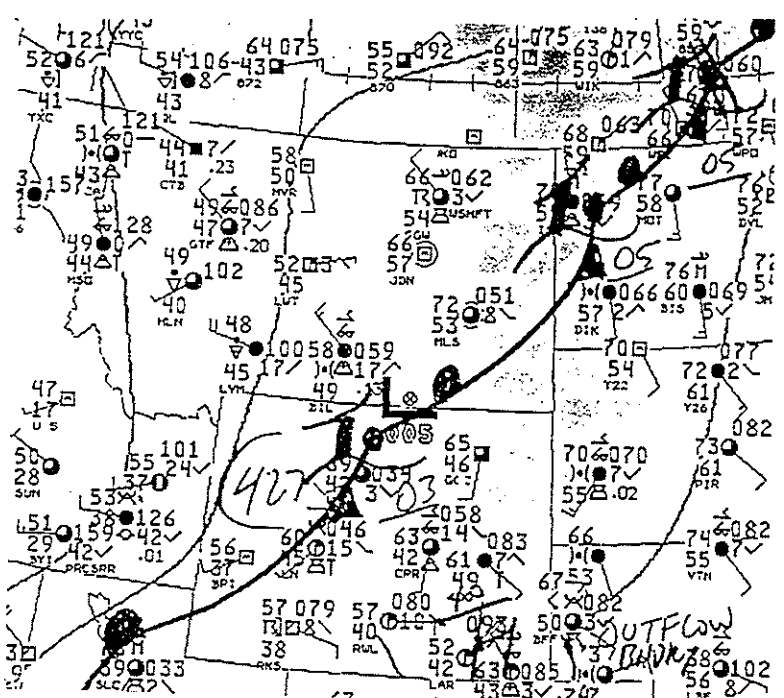
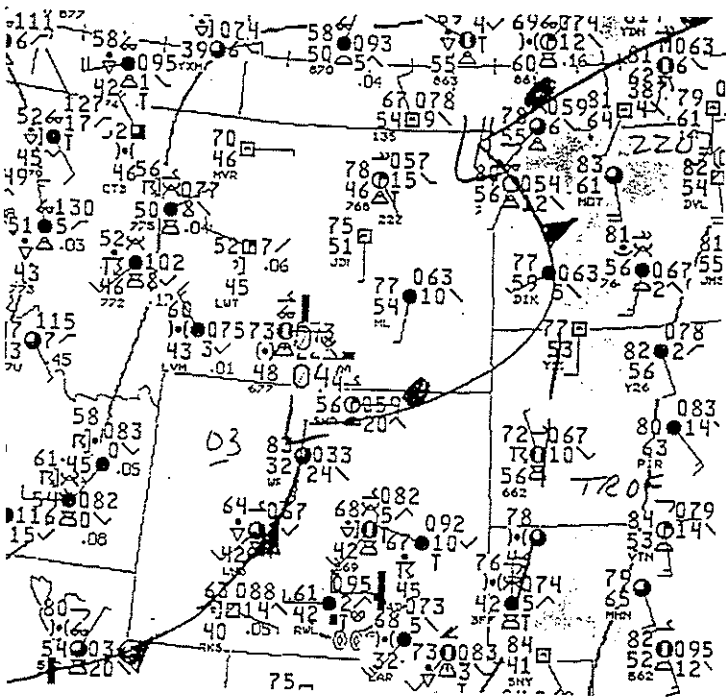
SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY	LOCATION	INJ	DMG
JUN 11	2100	2.00 INCH	MT	TREASURE	.25 S HYSHAM	-	---
<b>1 TOTAL</b>						-	---

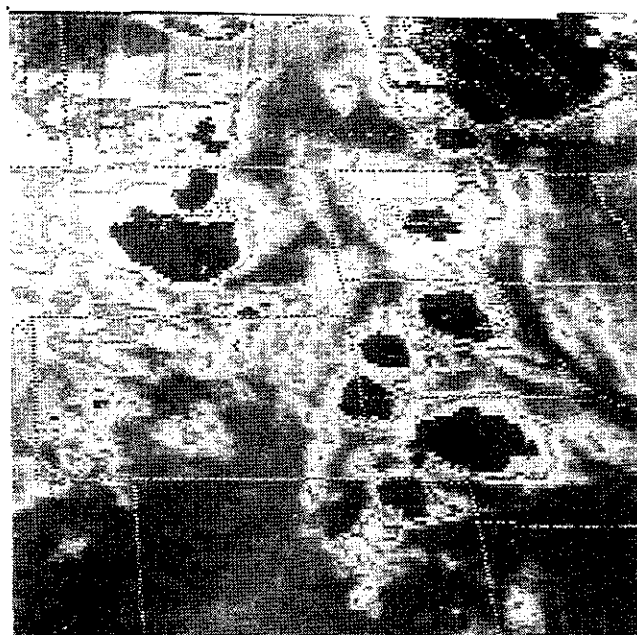


SURFACE MAP 00Z

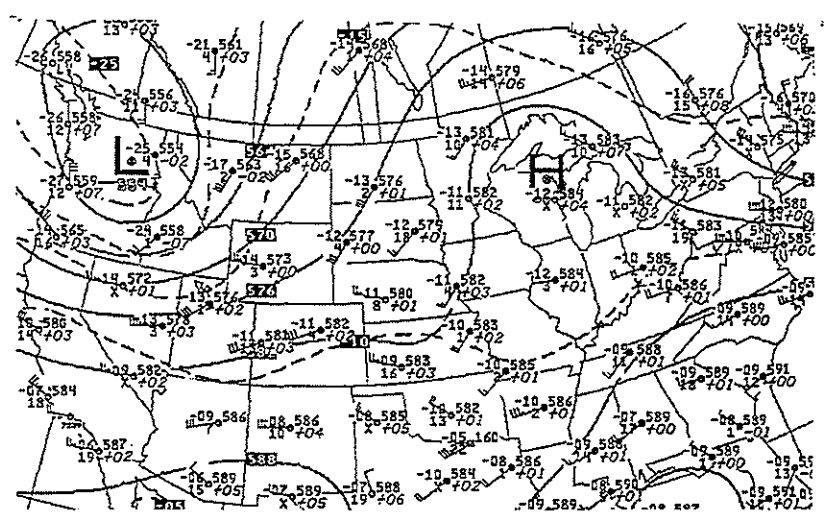
SURFACE MAP 03Z

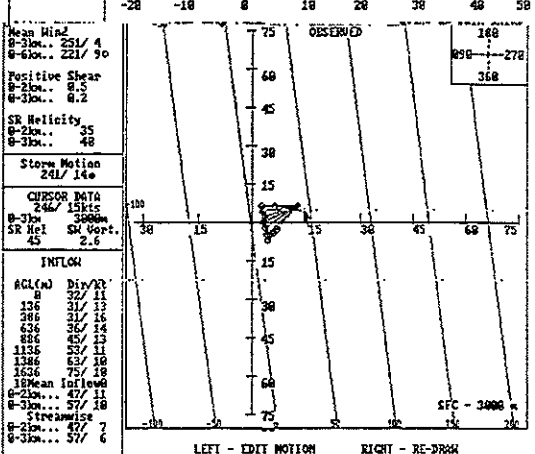
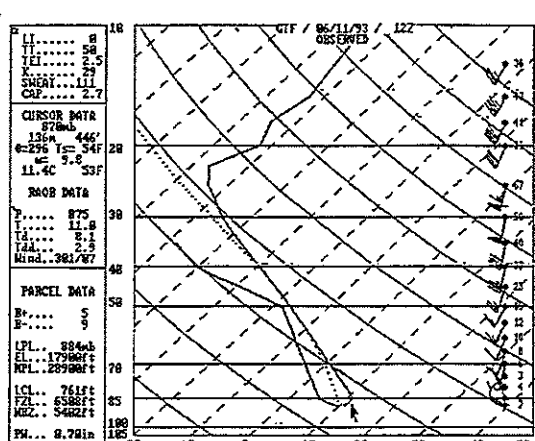
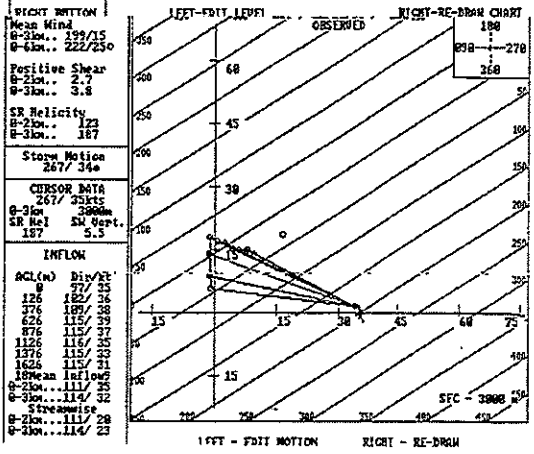
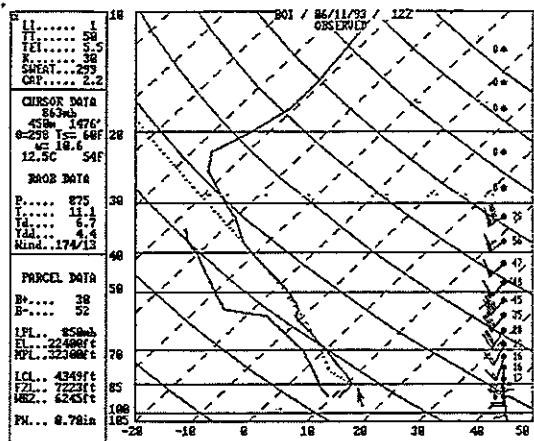


SATELLITE 03Z 12 JUNE



500 MB 00Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/12/93 - 0600CST 06/13/93

Total Non-Tornadic Reports: 49

Large Hail Reports... 33      Damaging Wind Reports... 16

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	15	4	7	5	2	0	33
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

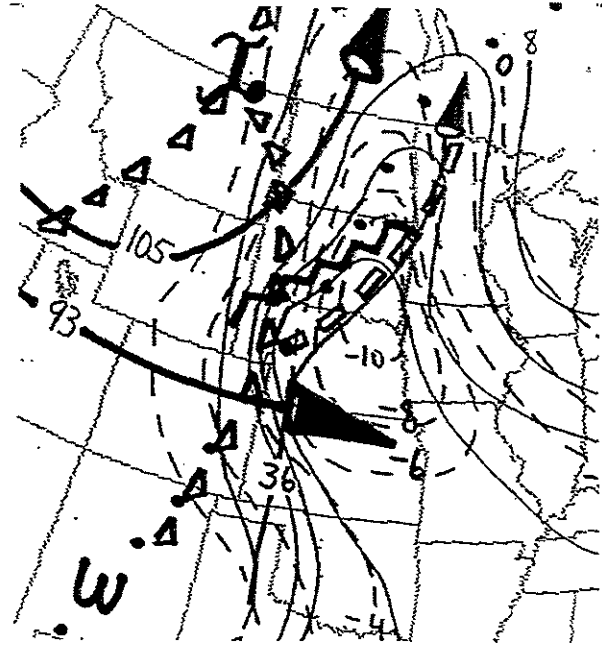
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	5	5	4	2	0	0	16
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

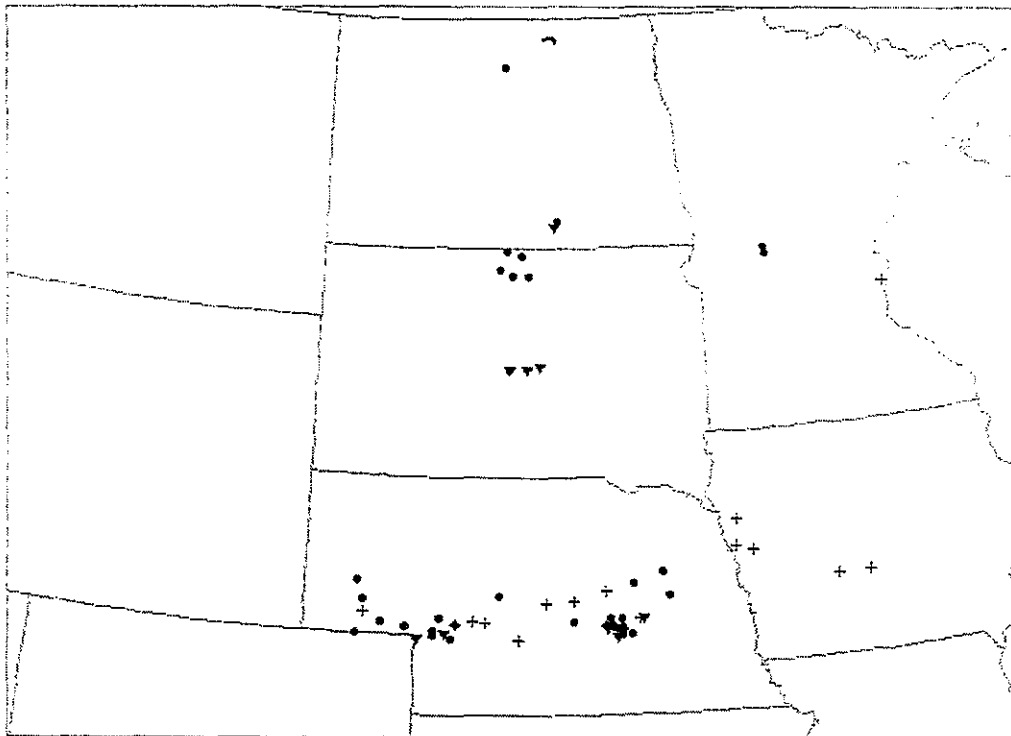
Number of Tornado Segments: 13

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	4	6	1	0	0	0	13
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 06/12/93 - 0600CST 06/13/93

SEVERE WEATHER REPORTS

# SATURDAY JUNE 12TH, 1993

## SIGNIFICANT TORNADO EVENTS

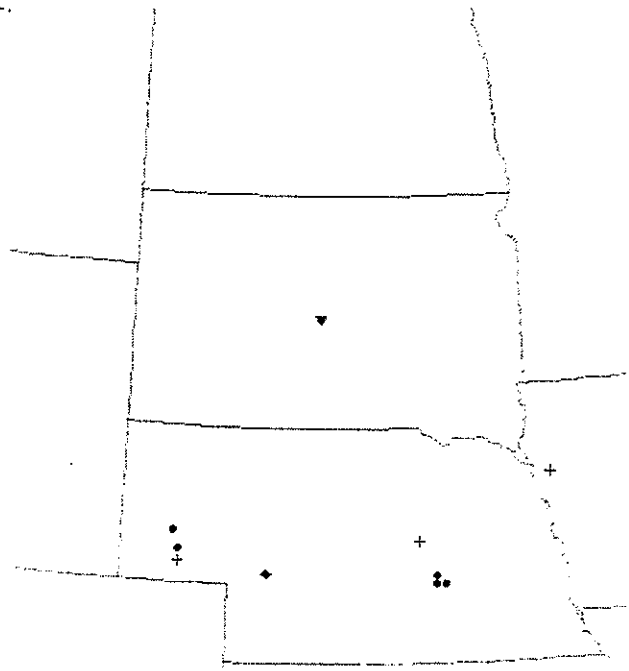
DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUN 12	1826	F-2	1.0 100	SD	HUGHES..PIERRE	-	-	----
1 TOTAL						-	-	----

## SIGNIFICANT HAIL EVENTS

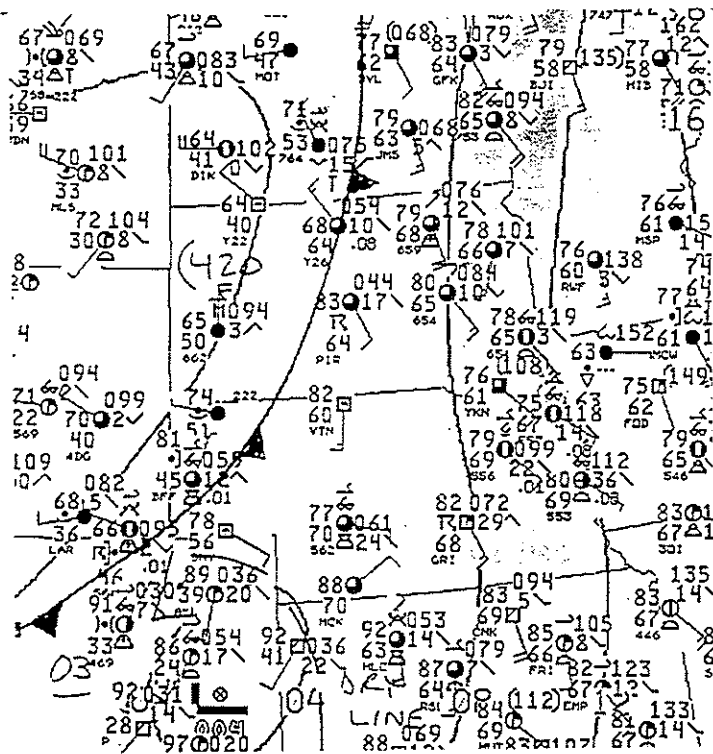
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG	
JUN 12	1701	3.00 INCH	NE	MORRILL..BRIDGEPORT	-	----	
JUN 12	1754	3.00 INCH	NE	MORRILL..DALTON	-	----	
JUN 12	1815	2.75 INCH	SD	HUGHES..PIERRE	-	----	
JUN 12	1823	2.75 INCH	NE	HERRICK..WORMS	-	----	
JUN 12	1946	2.75 INCH	NE	HAMILTON..4 W MARQUETTE	-	----	
JUN 12	1957	2.75 INCH	NE	MERRICK..2 W CHAPMAN	-	----	
JUN 12	2110	2.00 INCH	NE	KEITH..2 E PAXTON	-	----	
7 TOTAL						-	----

## SIGNIFICANT WIND EVENTS

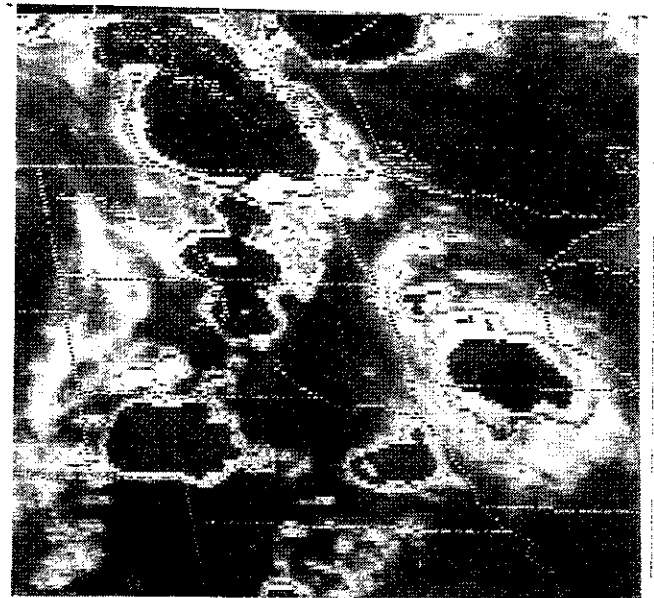
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUN 12	1330	WIND DAMAGE	NC	WILSON (EASTERN)	-	-	2 M
JUN 12	1425	WIND DAMAGE	KY	CAMPBELL COUNTY	-	-	1 M
JUN 12	1430	WIND DAMAGE	KY	KENTON..COVINGTON	-	-	1 M
JUN 12	1445	WIND DAMAGE	KY	BOONE..FLORENCE	1	-	----
JUN 12	1830	69 MPH GUST	NE	CHEYENNE..7 N SIDNEY	-	-	1 M
JUN 12	2110	80 MPH GUST	NE	KEITH..2 E PAXTON	-	-	----
JUN 13	0054	75 MPH GUST	NE	GREELEY..GREELEY	-	-	----
JUN 13	0310	80 MPH GUST	IA	WOODBURY..CRUSHING	-	-	----
8 TOTAL						1	- 5 M

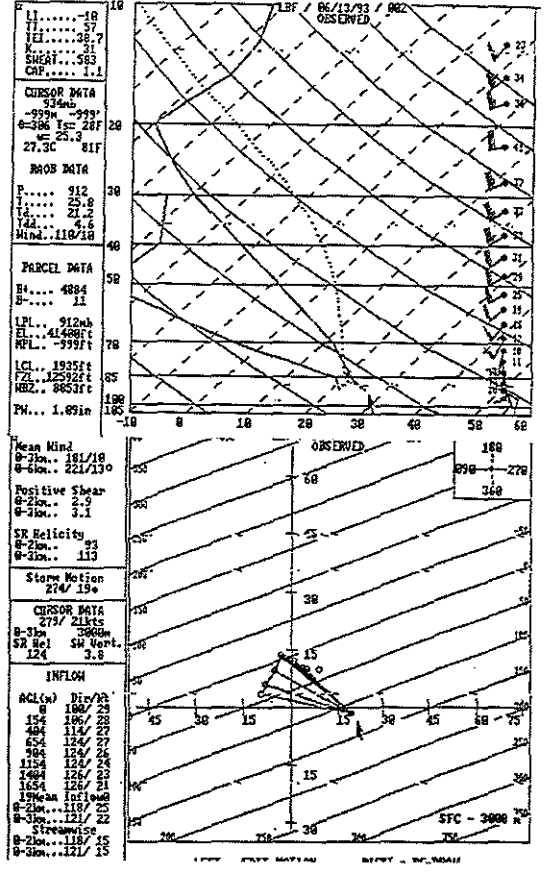
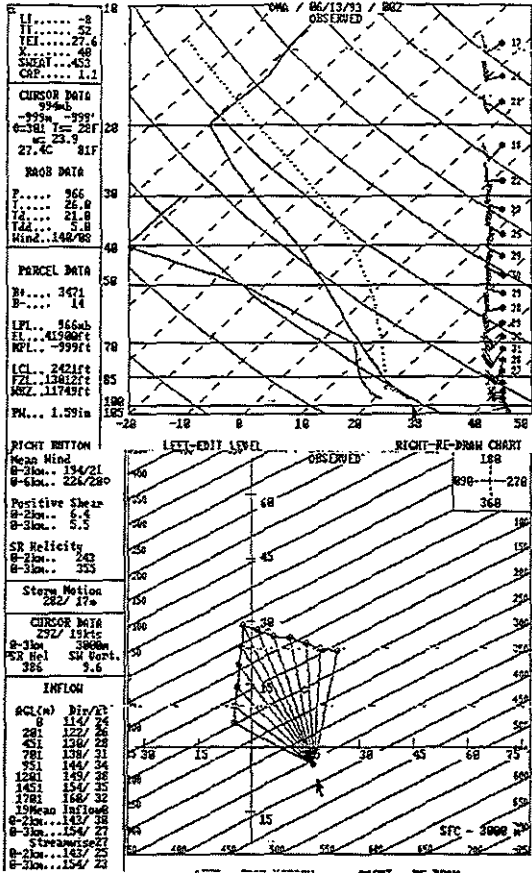
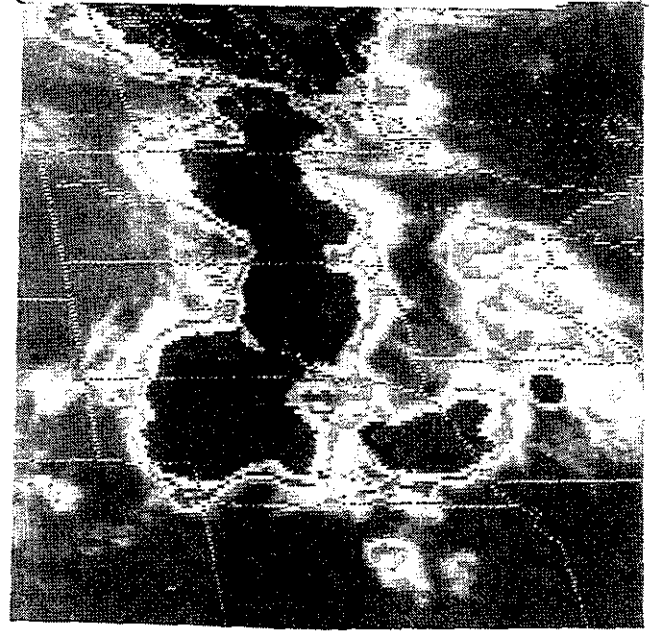
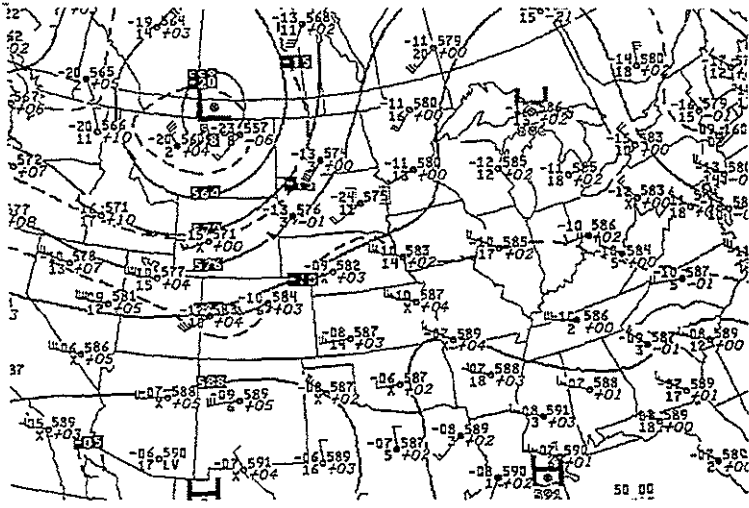


SURFACE MAP 00Z



SATELLITE 00Z 13 JUNE





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/14/93 - 0600CST 06/15/93

Total Non-Tornadic Reports: 80

Large Hail Reports... 23      Damaging Wind Reports... 57

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	13	4	6	0	0	0	23
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

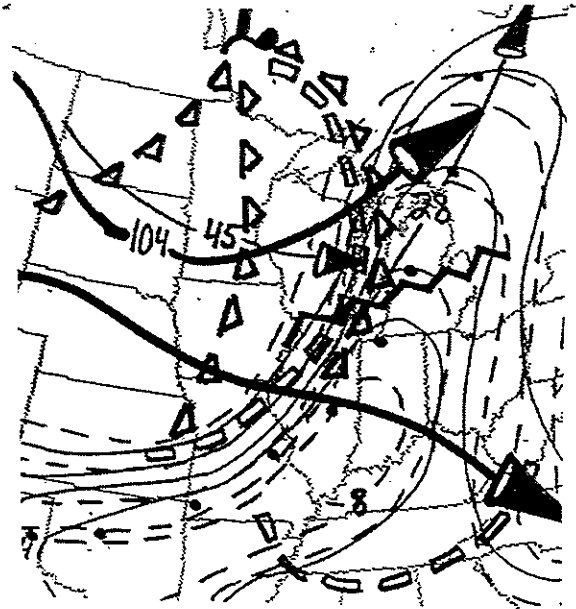
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	55	2	0	0	0	0	57
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

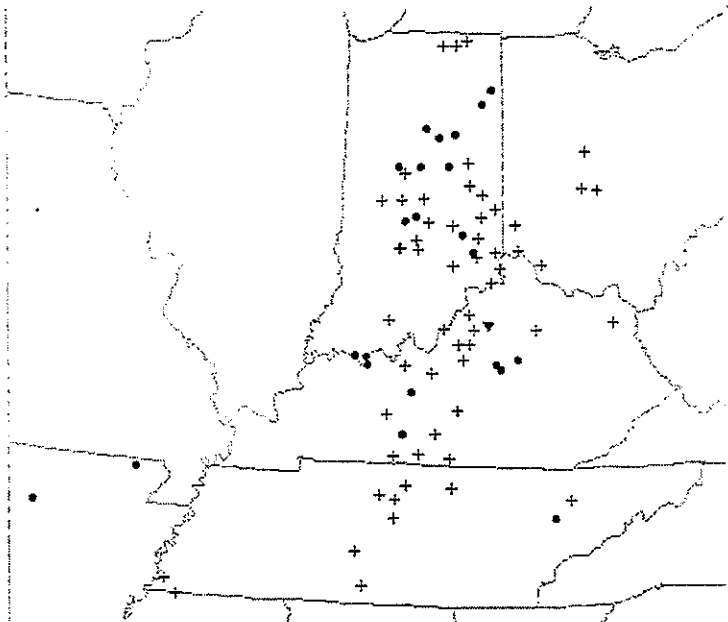
Number of Tornado Segments: 1

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

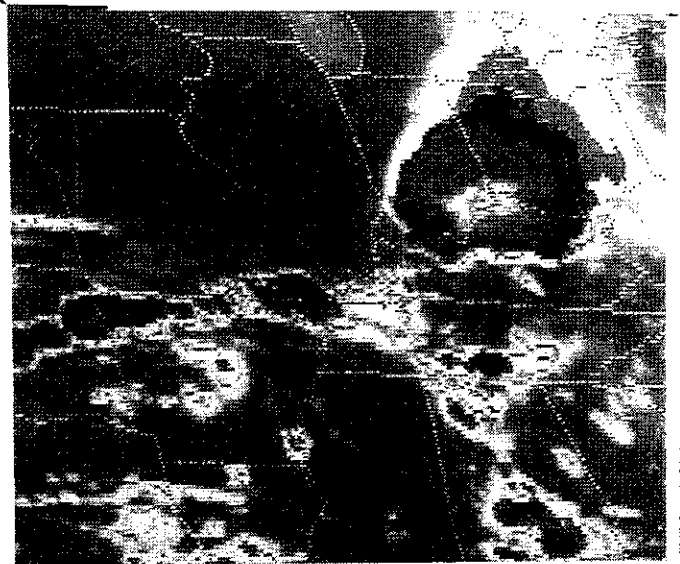


ALL SEVERE REPORTS



0600CST 06/14/93 - 0600CST 06/15/93

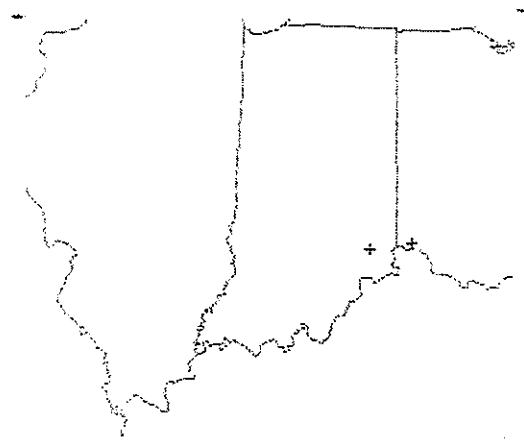
SATELLITE 22Z 14 JUNE



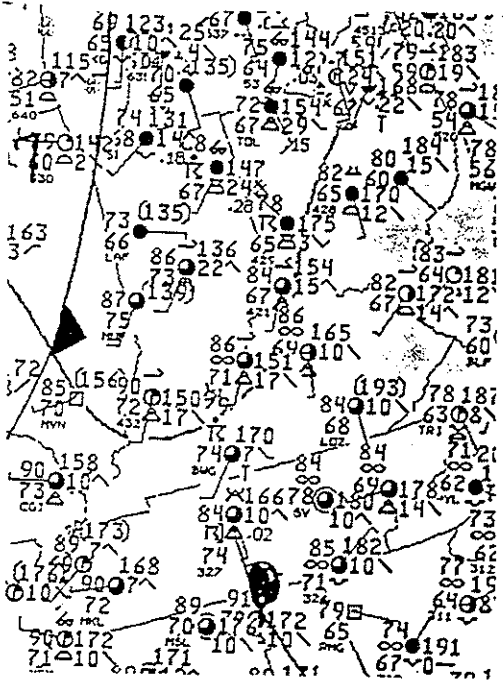
# MONDAY JUNE 14TH, 1993

## SIGNIFICANT WIND EVENTS

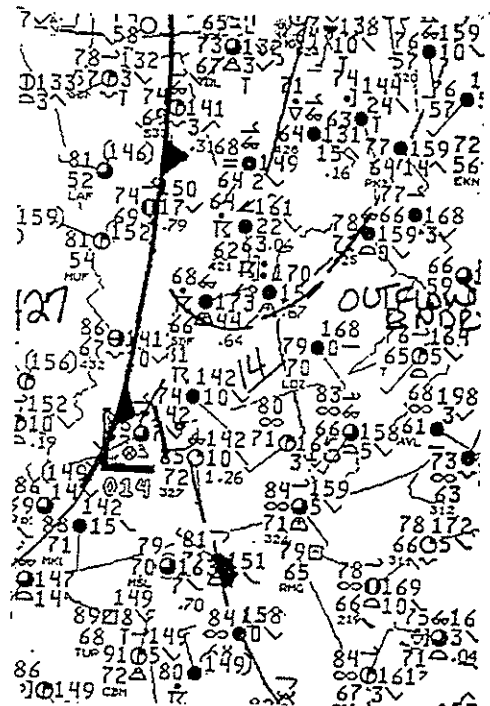
DATE	TIME	EVENT	STATE	COUNTY	LOCATION	KIL	INJ	DMG
JUN 14	1400	WIND DAMAGE	IN-se	RIPLEY	VERSAILLES	-	-	1 M
JUN 14	1405	WIND DAMAGE	OH-sw	HAMILTON		-	-	1 M
2 TOTAL						-	-	2 M



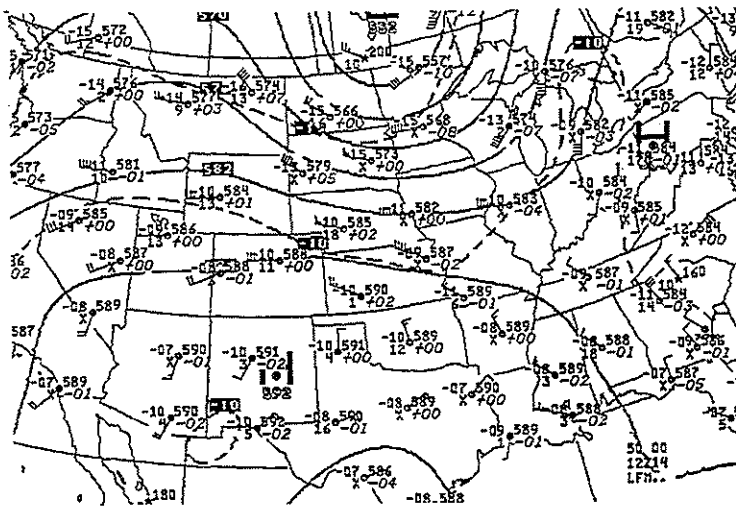
SURFACE MAP 18Z

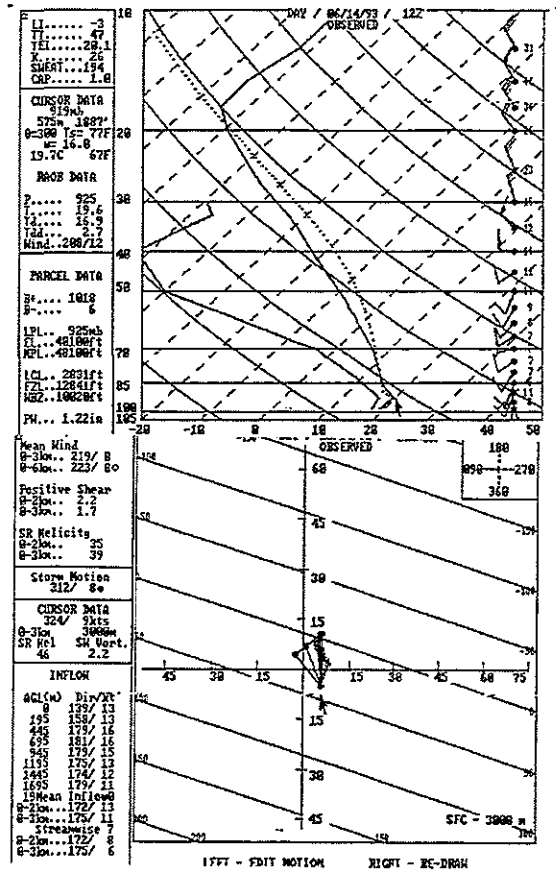
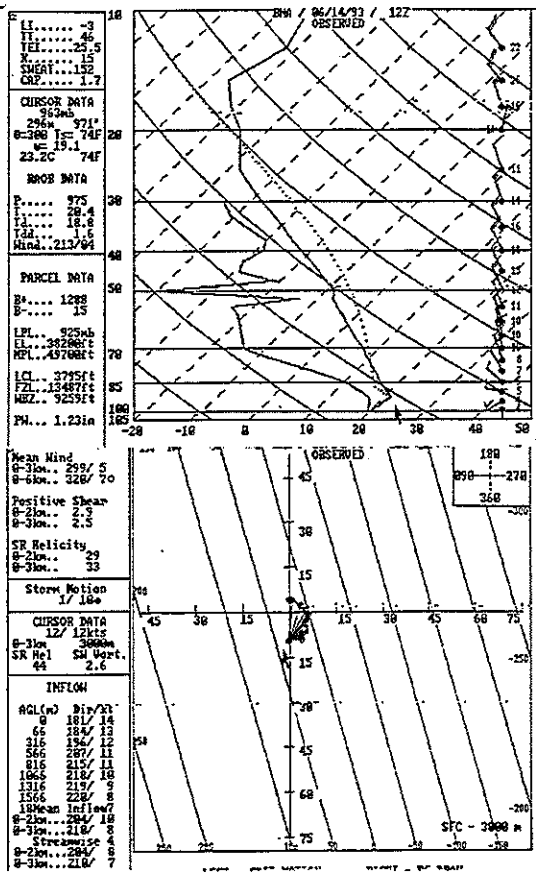


SURFACE MAP 00Z



500 MB 12Z







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/15/93 - 0600CST 06/16/93

Total Non-Tornadic Reports: 36

Large Hail Reports... 20      Damaging Wind Reports... 16

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	7	3	7	3	0	0	20
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

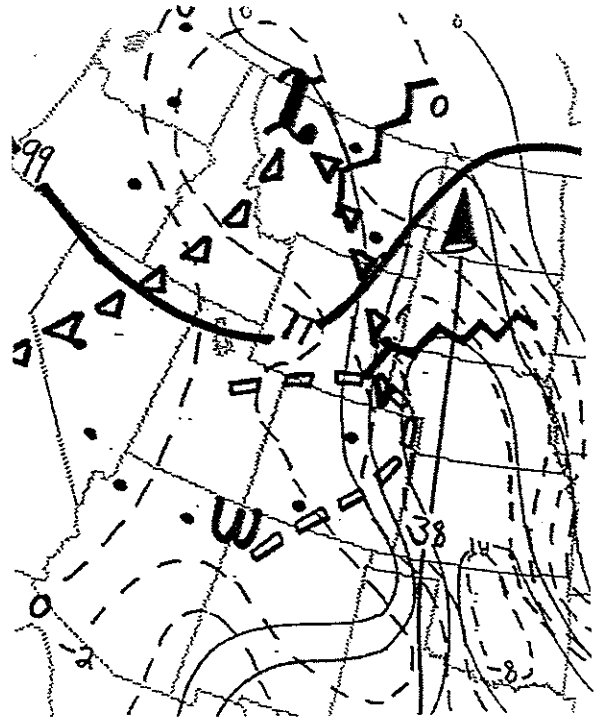
DAMAGING WIND

	WINDG	50	60	70	80	90	TOT
Wind	5	8	2	1	0	0	16
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

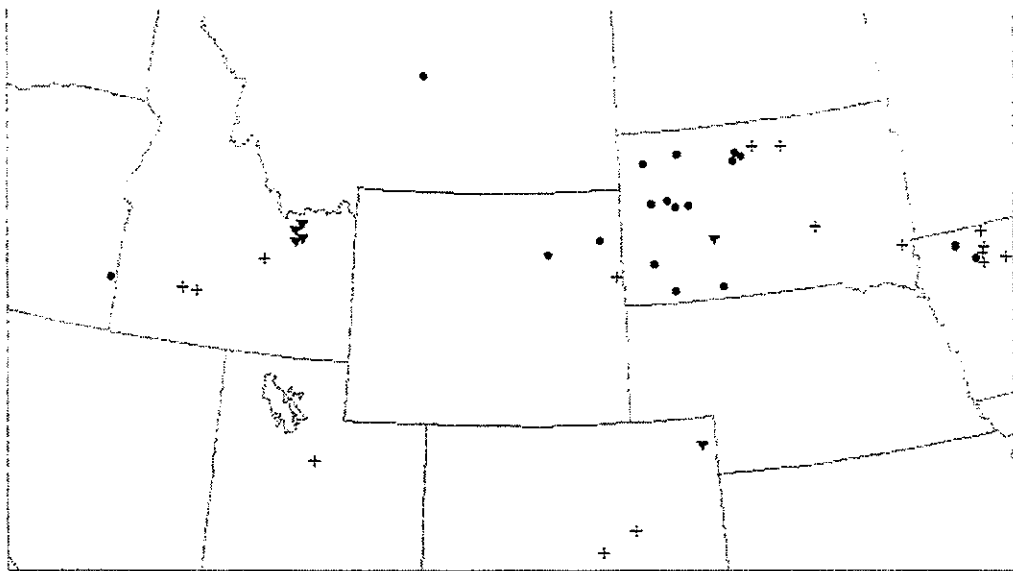
Number of Tornado Segments: 6

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	5	1	0	0	0	0	6
Fatalities	0	0	0	0	0	0	0
Injuries	0	2	0	0	0	0	2



ALL SEVERE REPORTS



0600CST 06/15/93 - 0600CST 06/16/93

SEVERE WEATHER REPORTS

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/15/93 - 0600CST 06/16/93

Total Non-Tornadic Reports: 43

Large Hail Reports... 16      Damaging Wind Reports... 27

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	5	10	1	0	0	0	16
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

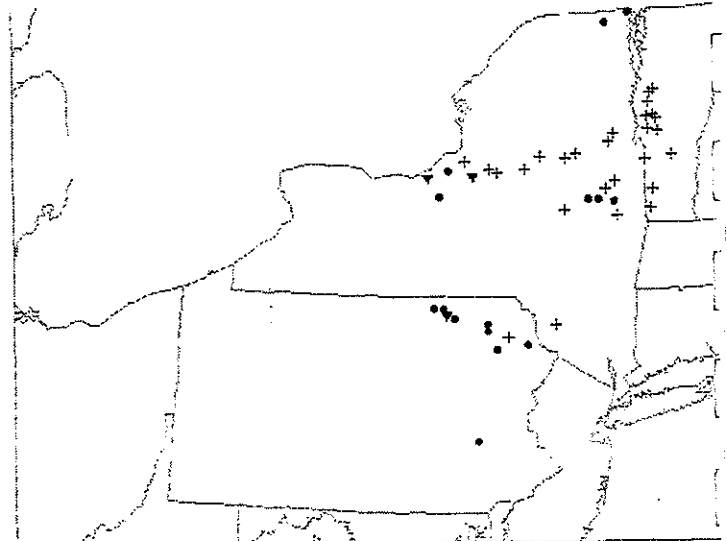
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	27	0	0	0	0	0	27
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

Number of Tornado Segments: 3

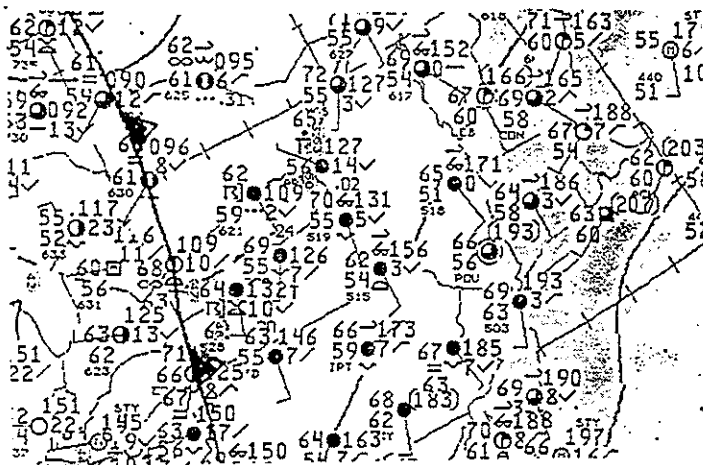
TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	3	0	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

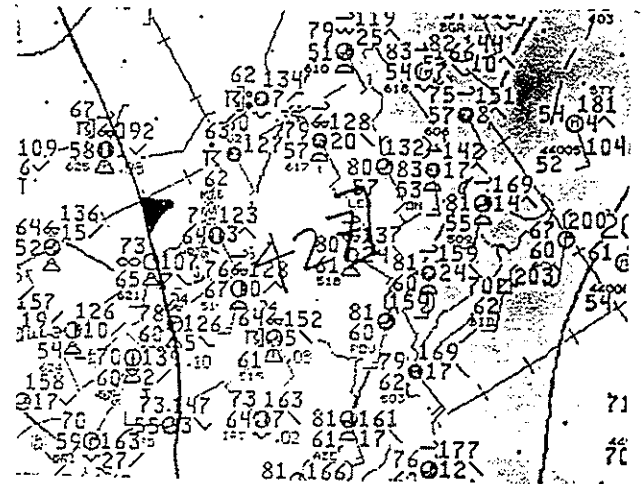


0600CST 06/15/93 - 0600CST 06/16/93

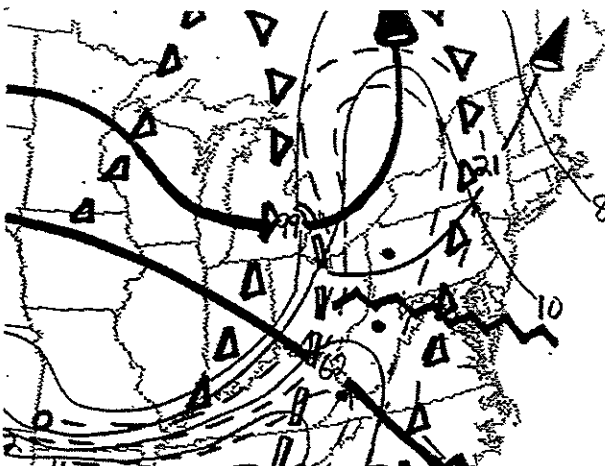
SURFACE MAP 12Z



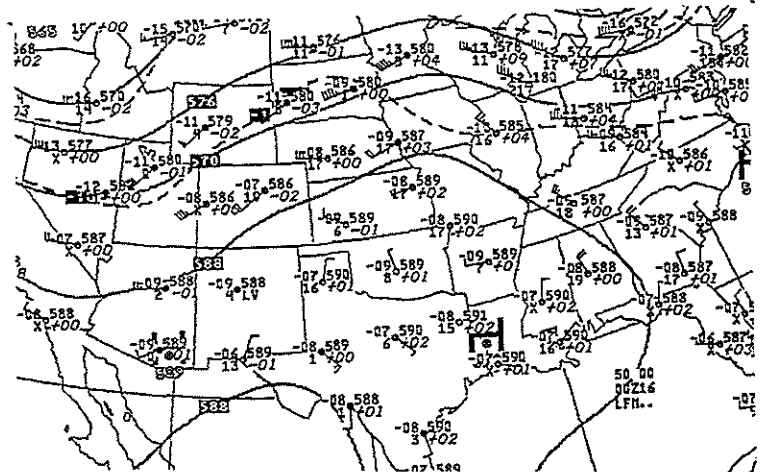
SURFACE MAP 18Z



COMPOSITE MAP 00Z



500 MB 00Z



SIGNIFICANT EVENTS MAP

TUESDAY JUNE 15TH, 1993

SIGNIFICANT TORNADO EVENTS

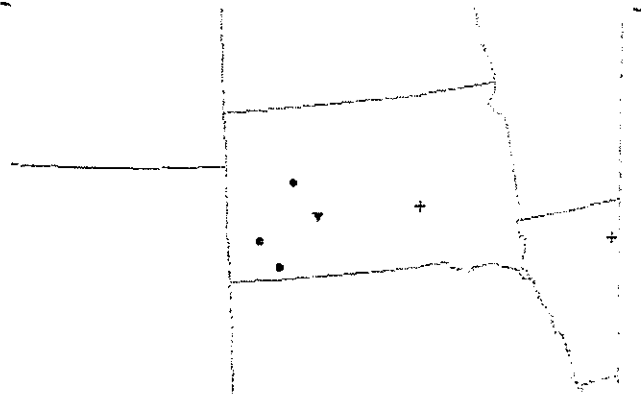
DATE	TIME	TOR	PATH	WID	STATE	LOCATION	KIL	INJ	DMG
JUN 15	2015	F-1	0.5	40	SD	HAakon..PHILIP	-	2	---

1 TOTAL - - 2 ---

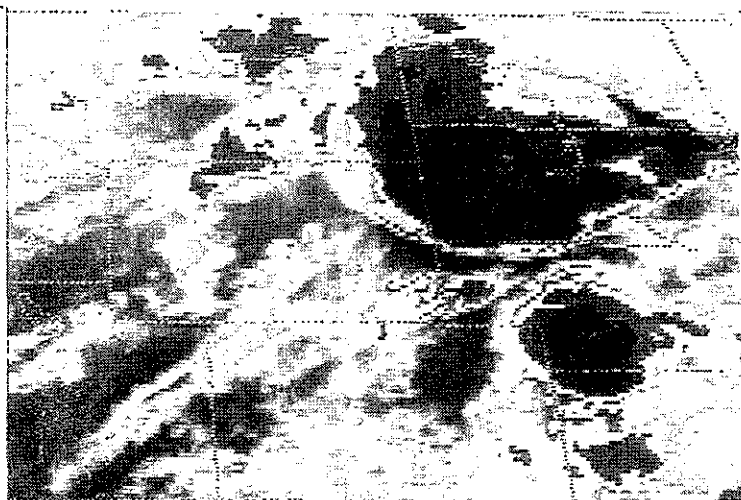
SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUN 15	1930	2.00 INCH	SD	MEADE..MARCUS	-	---
JUN 15	2000	2.00 INCH	SD	CUSTER..FAIRBURN	-	---
JUN 15	2055	2.00 INCH	SD	SHANNON..OGLALA	-	---

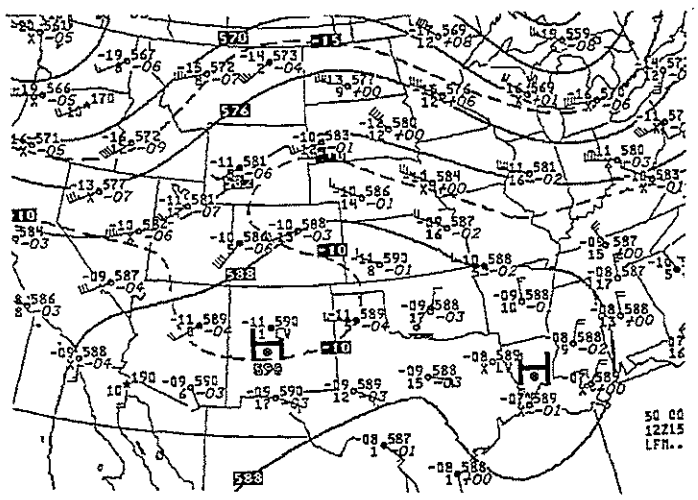
3 TOTAL - - -



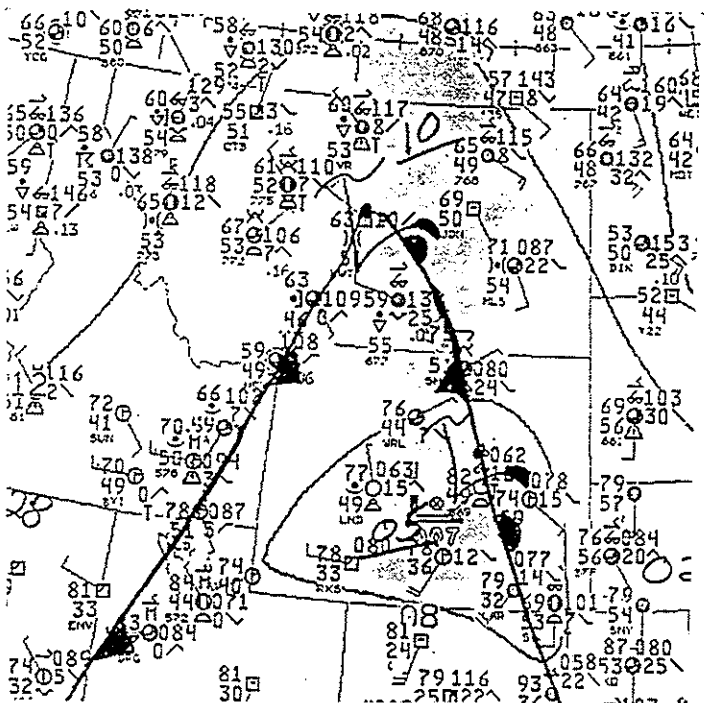
SATELLITE 02Z 16 JUNE



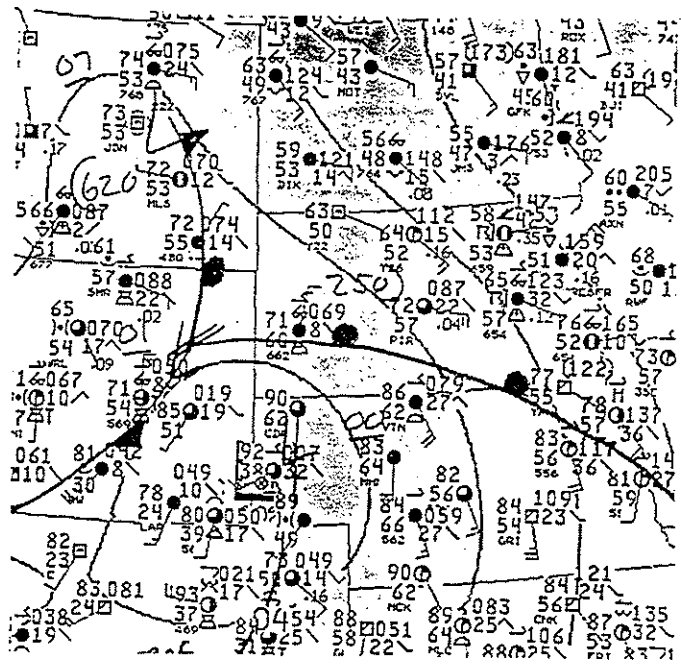
500 MB 12Z

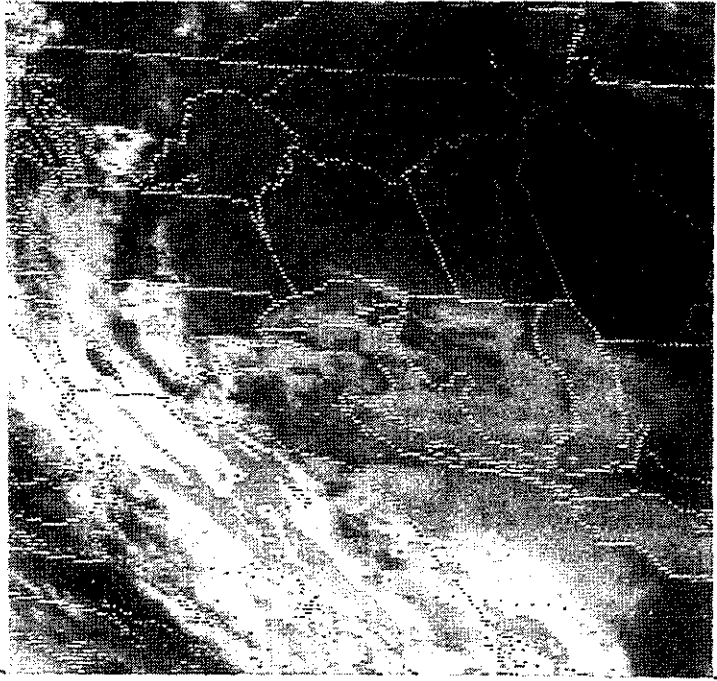


SURFACE MAP 18Z

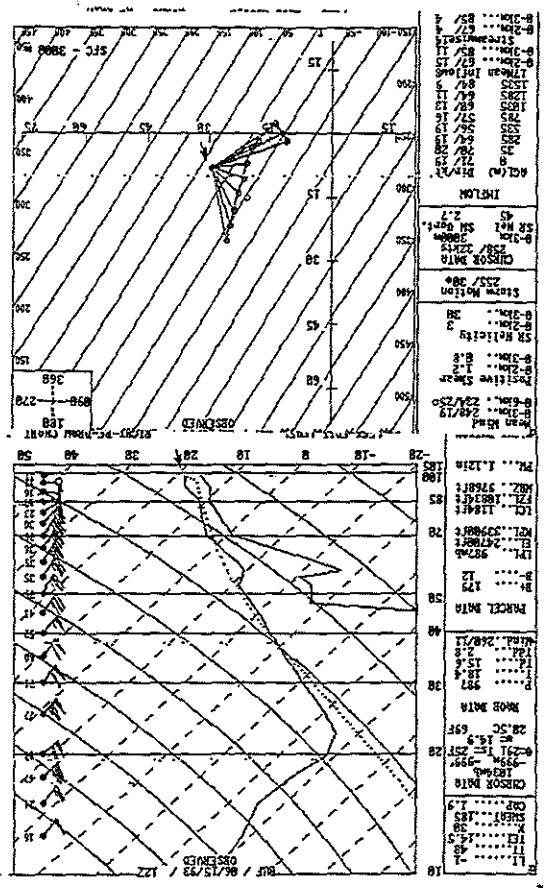
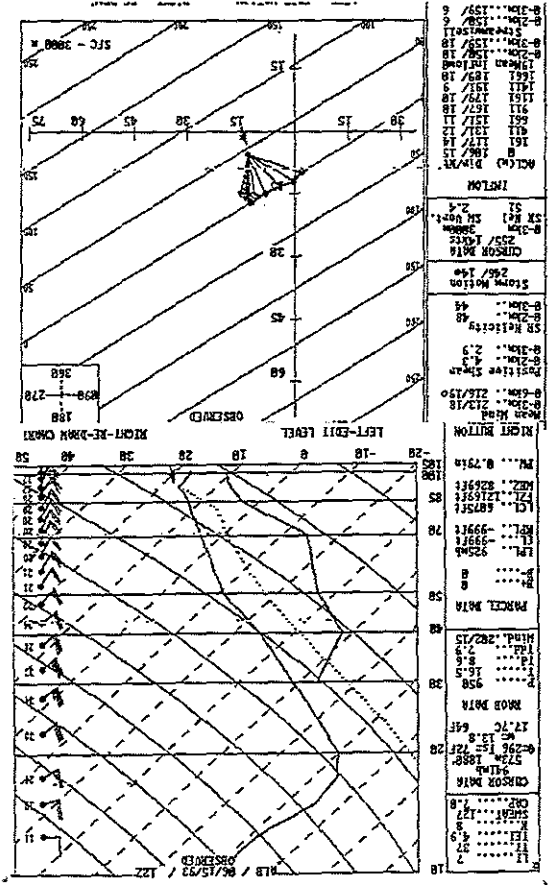
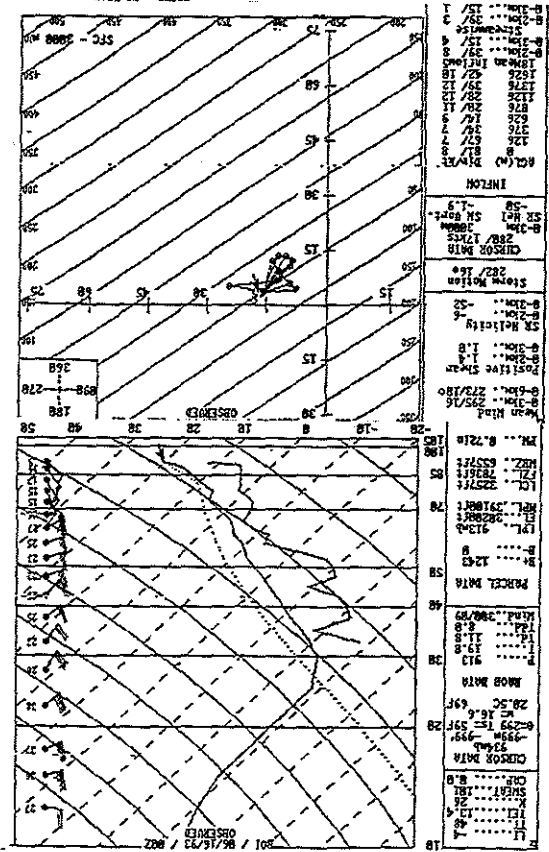


SURFACE MAP 00Z





SATELLITE 202 15 JUNE



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/17/93 - 0600CST 06/18/93

Total Non-Tornadic Reports: 97

Large Hail Reports... 17      Damaging Wind Reports... 80

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	2	12	3	0	0	0	17
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

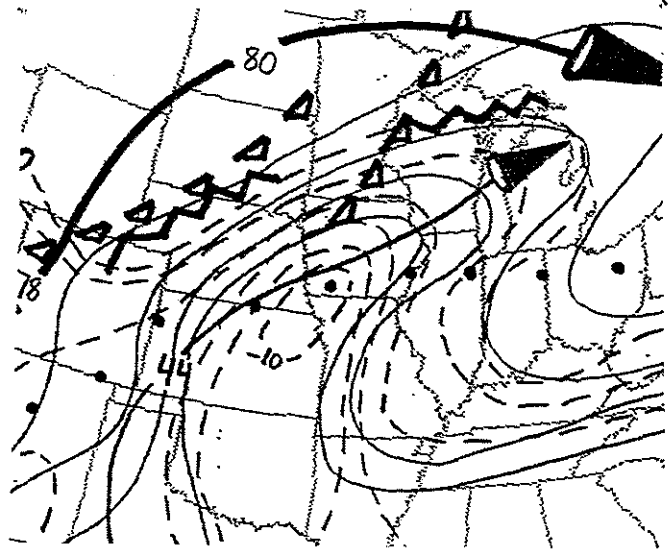
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	37	36	6	1	0	0	80
Fatalities	0	0	0	0	0	0	0
Injuries	2	0	0	0	0	0	2

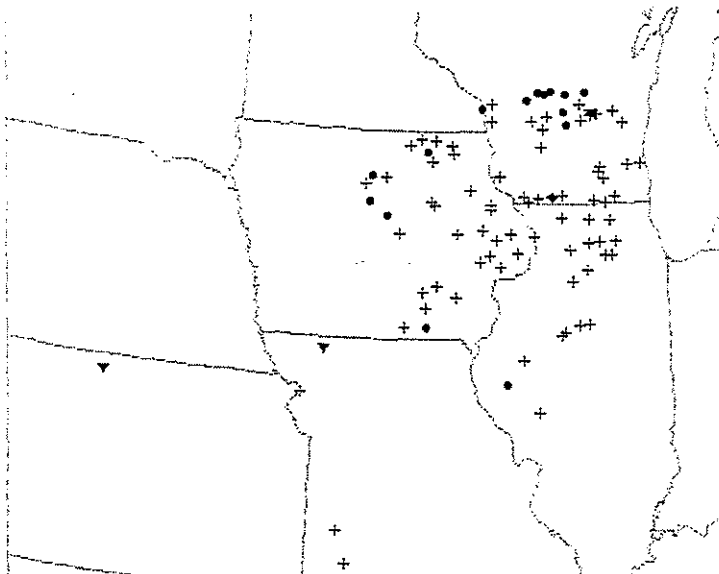
Number of Tornado Segments: 3

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	1	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

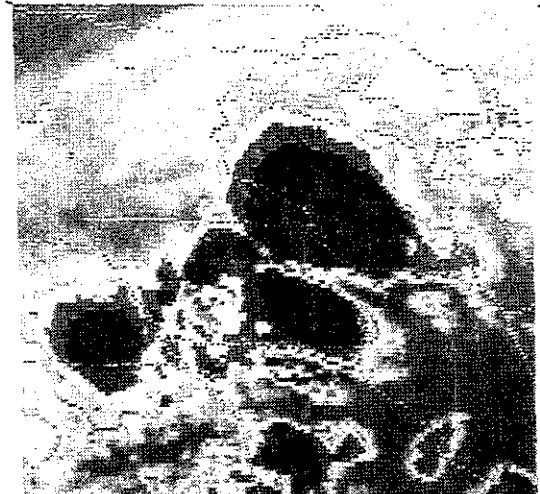


ALL SEVERE REPORTS



0600CST 06/17/93 - 0600CST 06/18/93

SATELLITE 22Z 17 JUNE

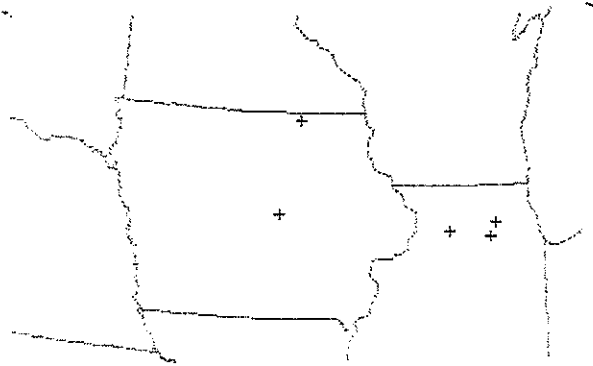


SIGNIFICANT EVENTS MAP

THURSDAY JUNE 17TH, 1993

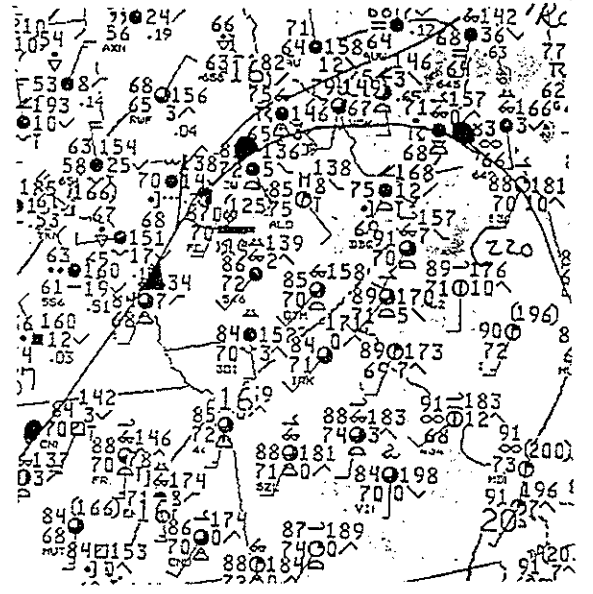
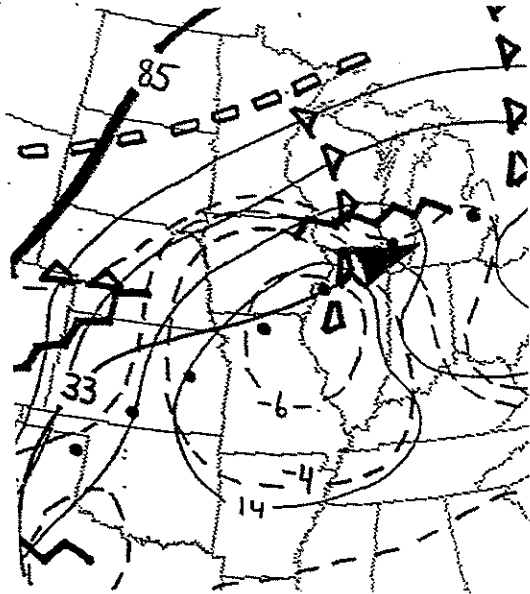
SIGNIFICANT WIND EVENTS

DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUN 17	1359	80 MPH GUST	IA-nc	MITCHELL..	RICEVILLE	-	-	----
JUN 17	1600	78 MPH GUST	IA-c	MARSHALL..	2 SE CONRAD	-	-	----
JUN 17	1621	75 MPH GUST	IL-nc	LEE..	DIXON	-	-	----
JUN 17	1657	75 MPH GUST	IL-nc	LEE..	DIXON	-	-	----
JUN 17	1940	WIND DAMAGE	IL-ne	KANE..	VIRGIL	-	2	----
JUN 17	2002	75 MPH GUST	IL-nc	DEKALB..	7 E WATERMAN	-	-	----
6 TOTAL						-	2	----



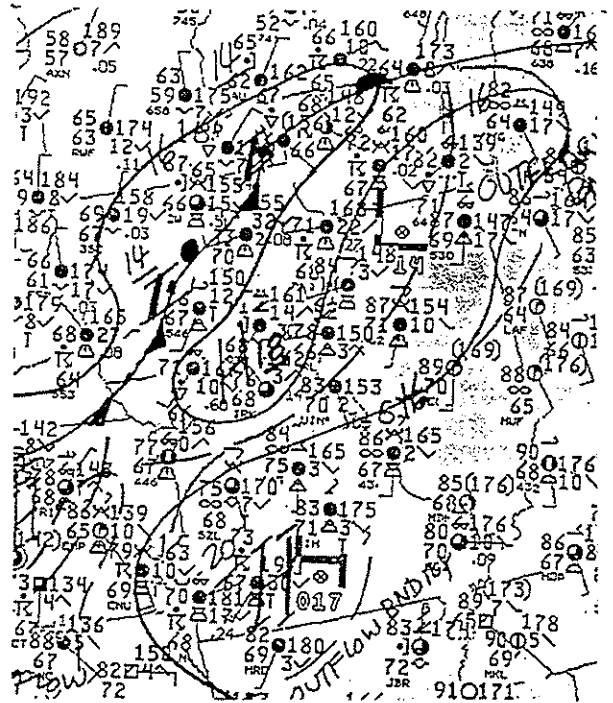
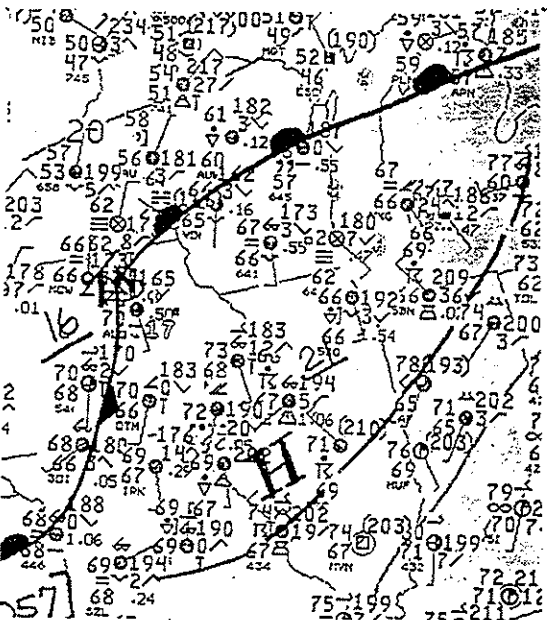
COMPOSITE MAP 00Z

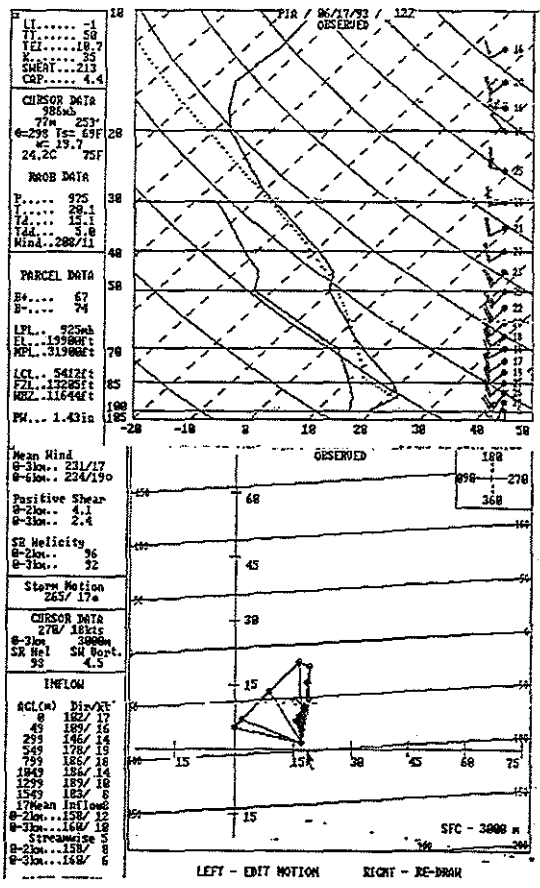
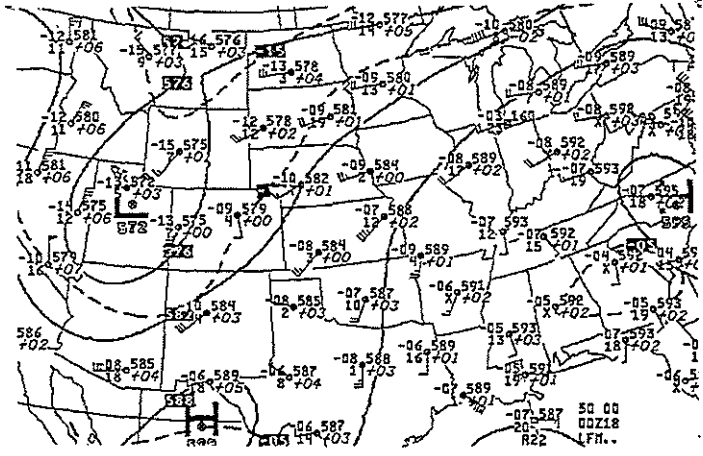
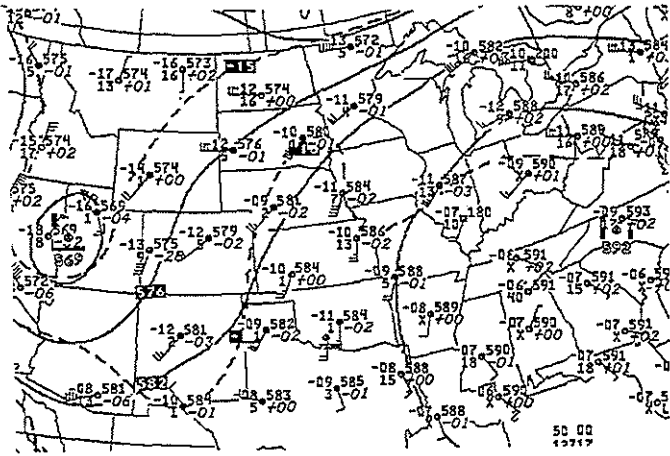
SURFACE MAP 18Z



SURFACE MAP 06Z

SURFACE MAP 00Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/20/93 - 0600CST 06/21/93

Total Non-Tornadic Reports: 16

Large Hail Reports... 0 Damaging Wind Reports... 16

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

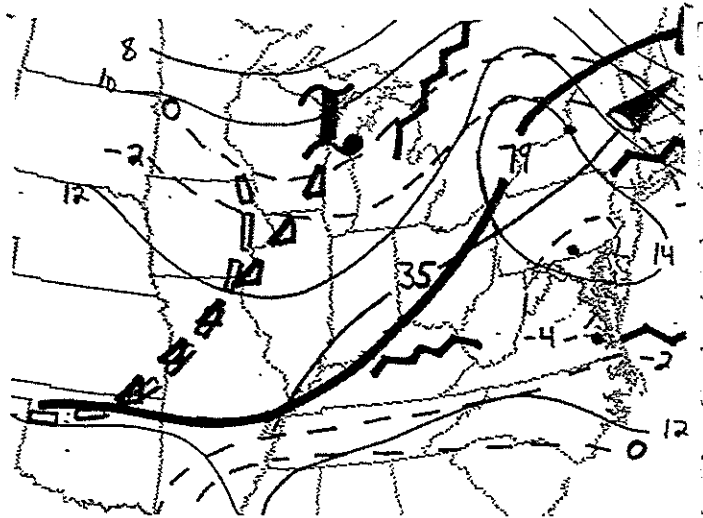
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	16	0	0	0	0	0	16
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

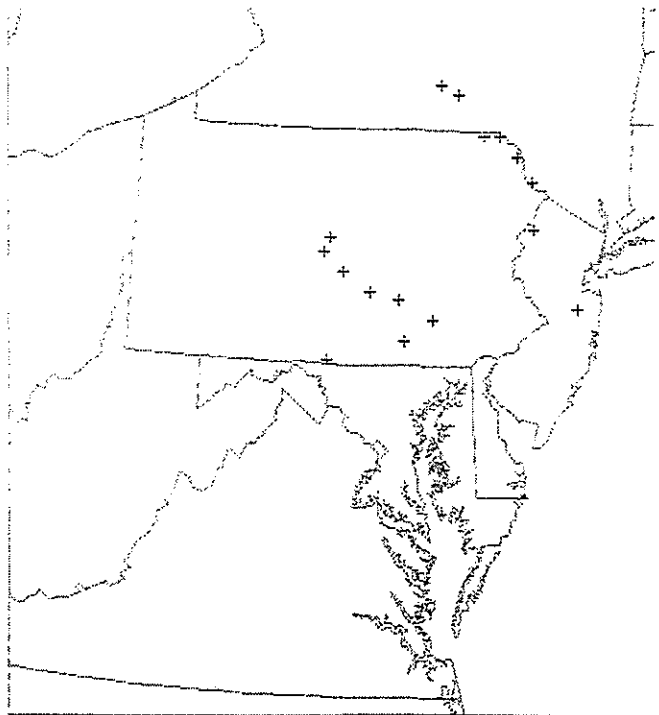
Number of Tornado Segments: 0

TORNADO SEGMENTS

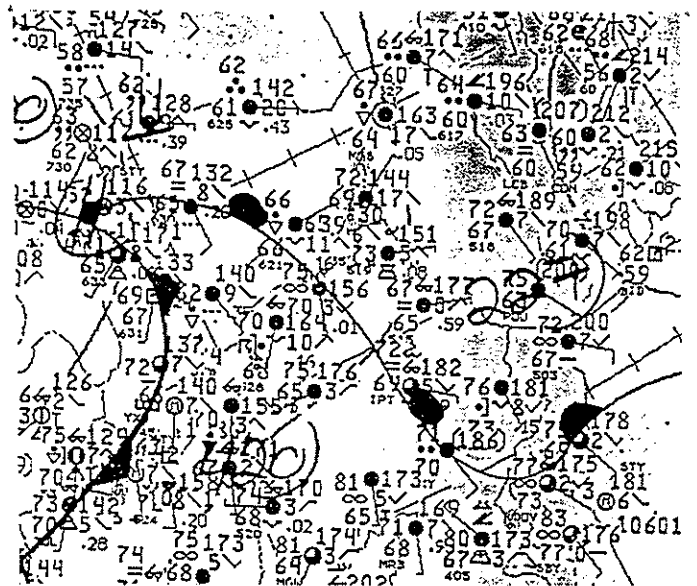
	F0	F1	F2	F3	F4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS

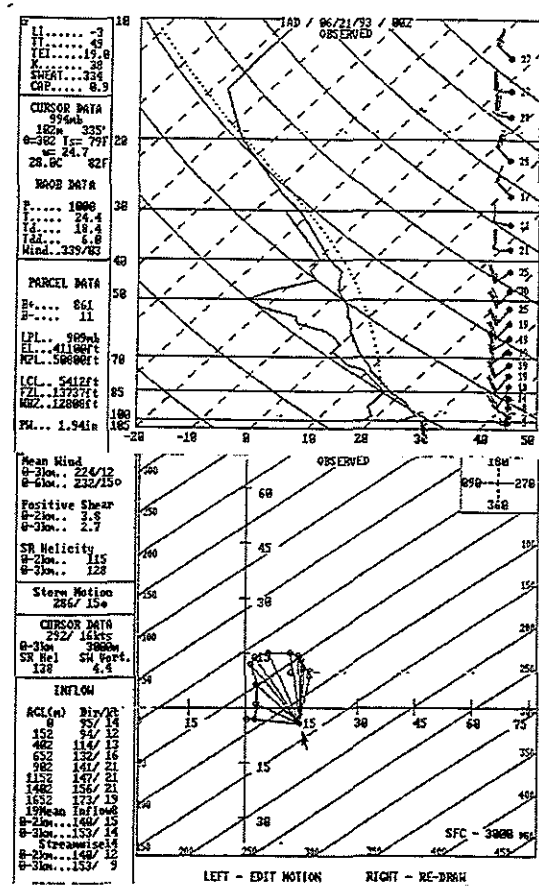
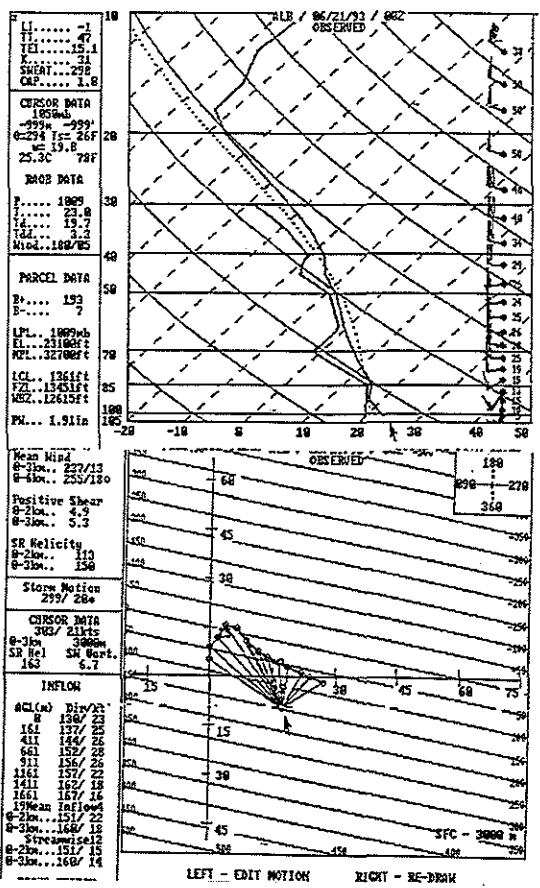
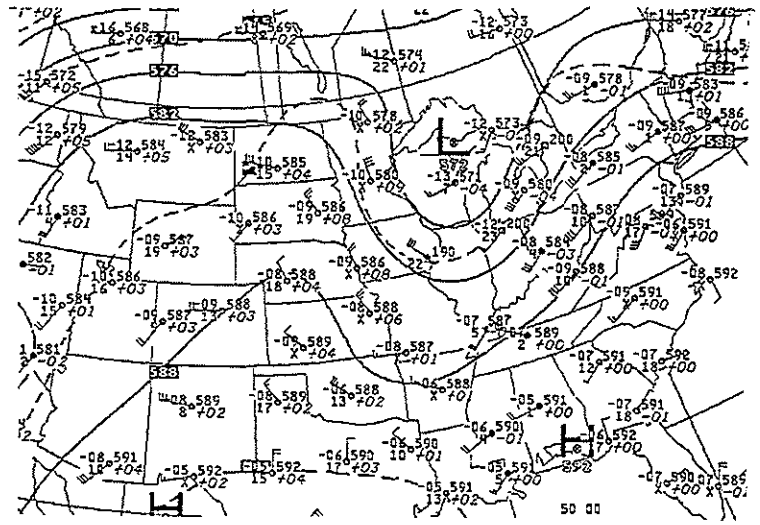
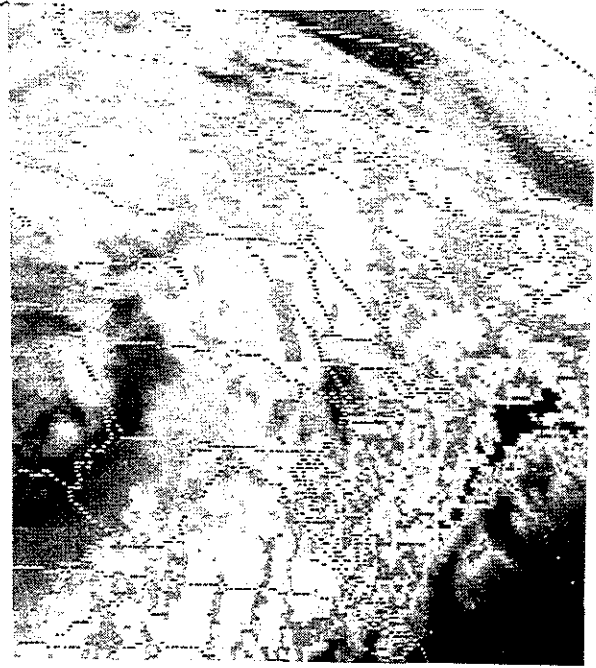


SURFACE MAP 00Z



0600CST 06/20/93 - 0600CST 06/21/93





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/21/93 - 0600CST 06/22/93

Total Non-Tornadoic Reports: 53

Large Hail Reports... 2      Damaging Wind Reports... 51

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	1	0	1	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

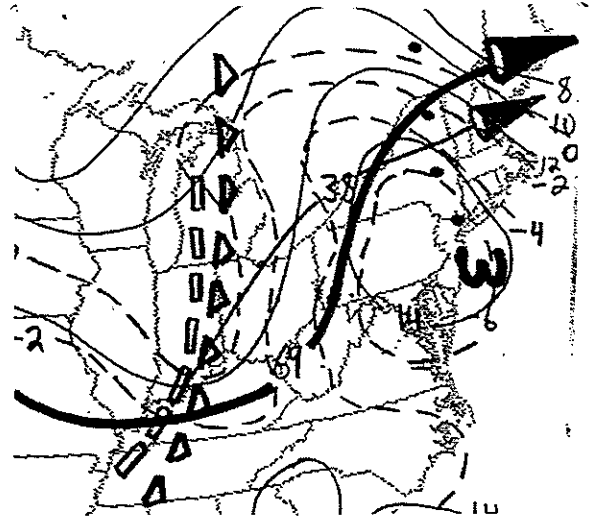
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	44	5	1	1	0	0	51
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

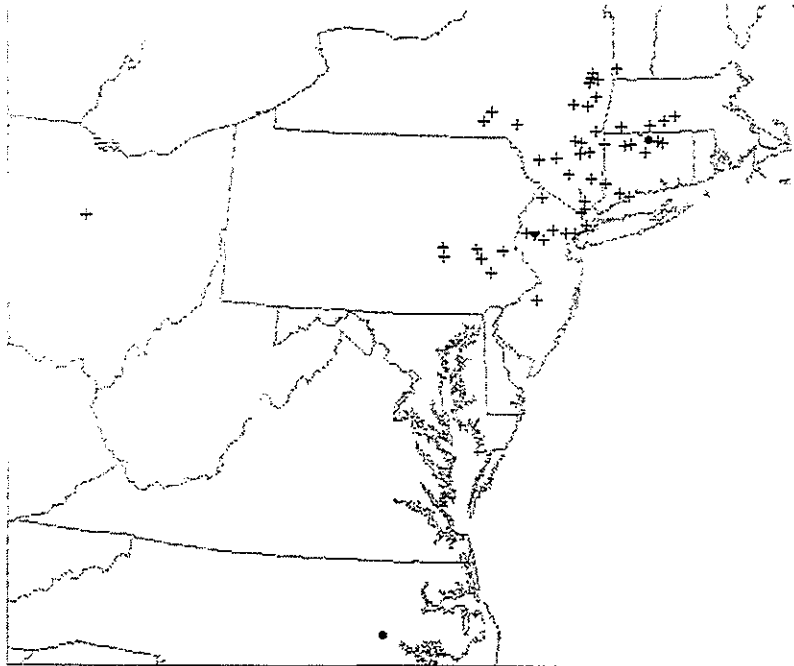
Number of Tornado Segments: 1

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	0	0	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

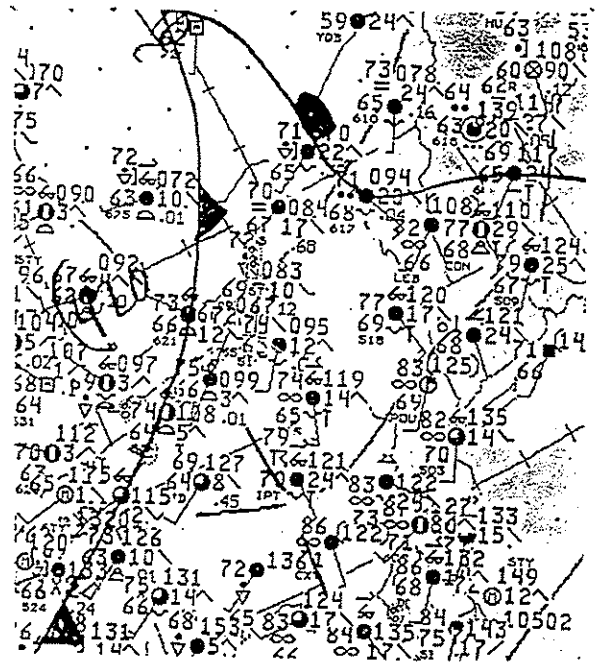


ALL SEVERE REPORTS



0600CST 06/21/93 - 0600CST 06/22/93 SEVE1

SURFACE MAP 18Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/21/93 - 0600CST 06/22/93

Total Non-Tornadic Reports: 11

Large Hail Reports... 0 Damaging Wind Reports... 11

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

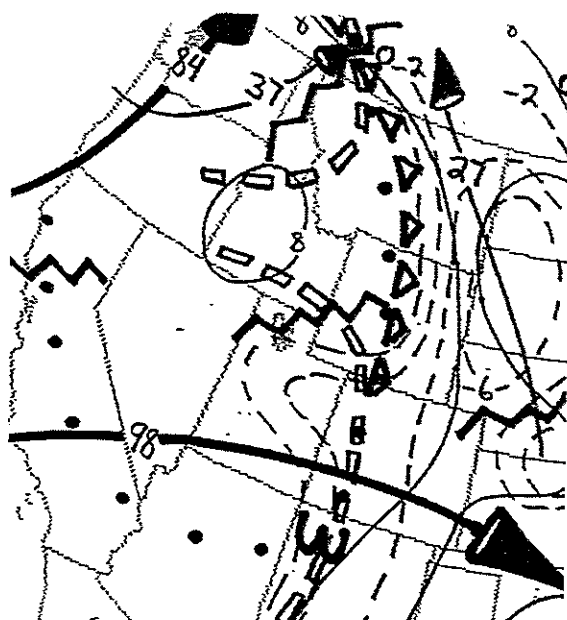
DAMAGING WIND

	WNG	50	60	70	80	90	TOT
Wind	8	0	2	0	1	0	11
Fatalities	0	0	0	0	0	0	0
Injuries	1	0	0	0	0	0	1

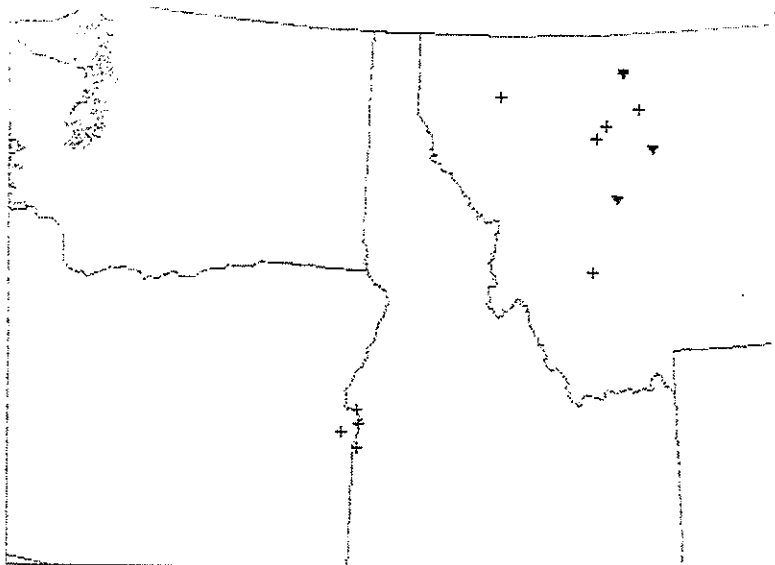
Number of Tornado Segments: 3

TORNADO SEGMENTS

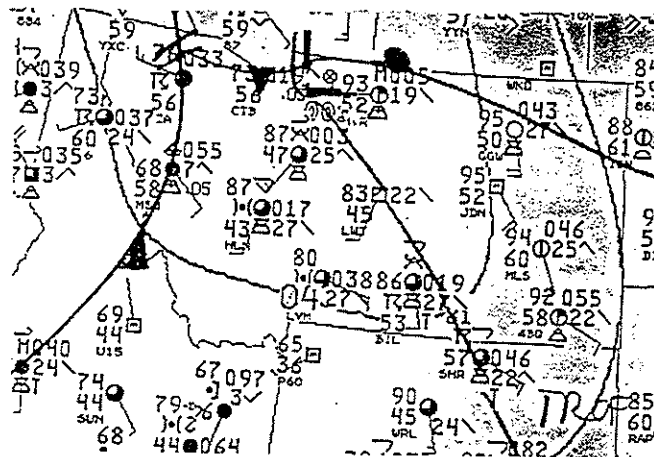
	F0	F1	F2	F3	F4	F5	TOT
Segments	3	0	0	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



SURFACE MAP 21Z



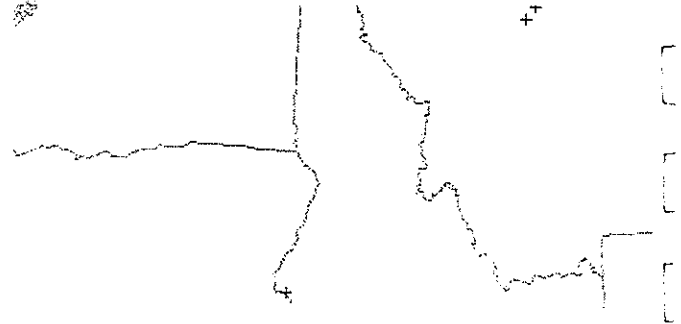
0600CST 06/21/93 - 0600CST 06/22/93

SE

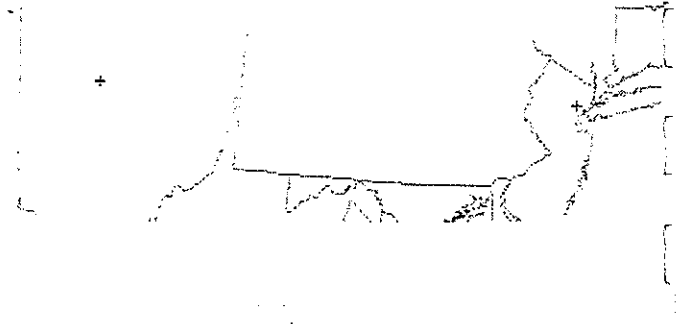
# MONDAY JUNE 21ST, 1993

## SIGNIFICANT WIND EVENTS

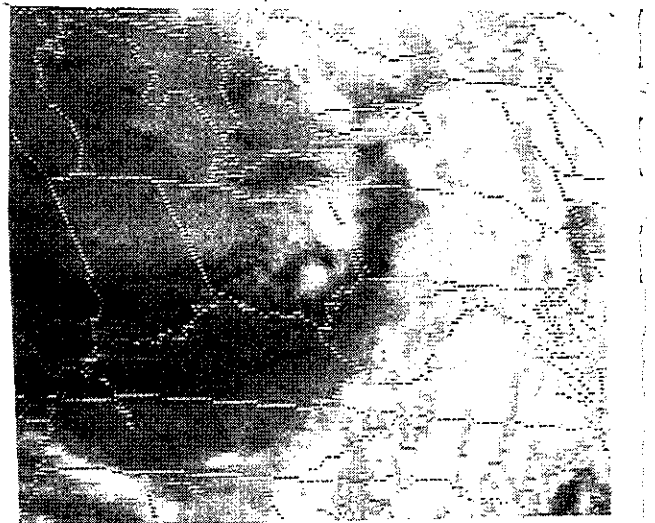
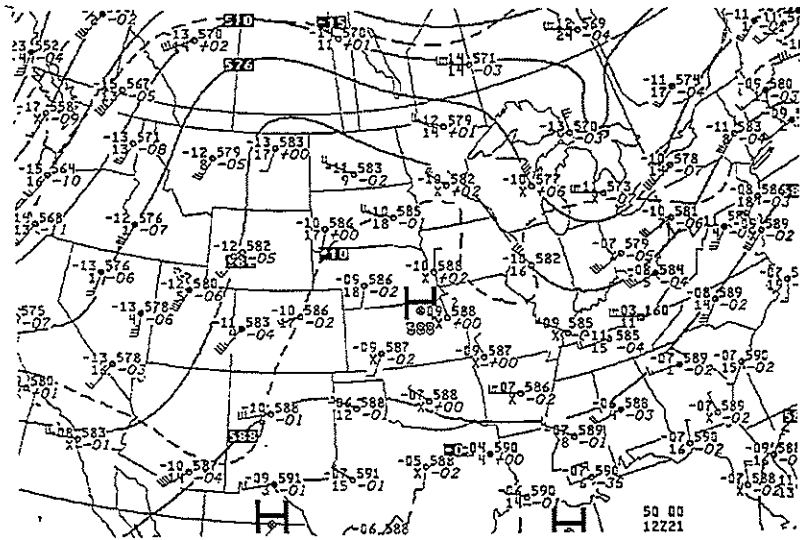
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUN 21	1010	80 MPH GUST	OH-c	MARION..	MARION	-	-	1 M
JUN 21	1610	76 MPH GUST	MT-nw	TETON..	10 N AUGUSTA	-	-	---
JUN 21	1615	WIND DAMAGE	ID-wc	WASHINGTON..	WEISER	-	1	---
JUN 21	1623	84 MPH GUST	NJ-ne	ESSEX..	ORANGE	-	-	---
JUN 21	1626	97 MPH GUST	MT-nw	TETON..	CHOTEAU	-	-	---
<b>5 TOTAL</b>						-	1	1 M



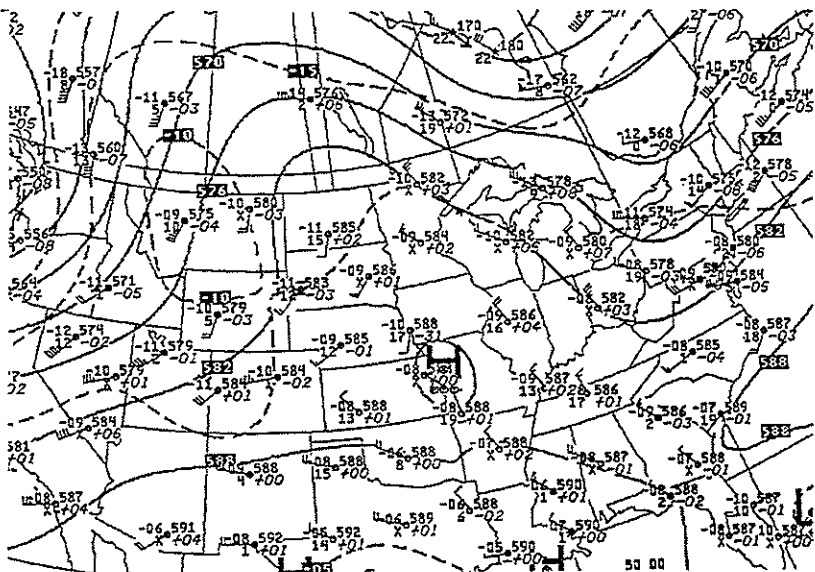
SIGNIFICANT EVENTS MAP



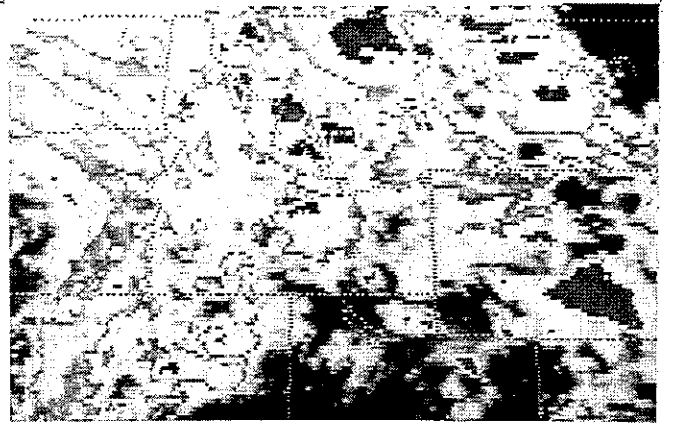
500 MB 12Z

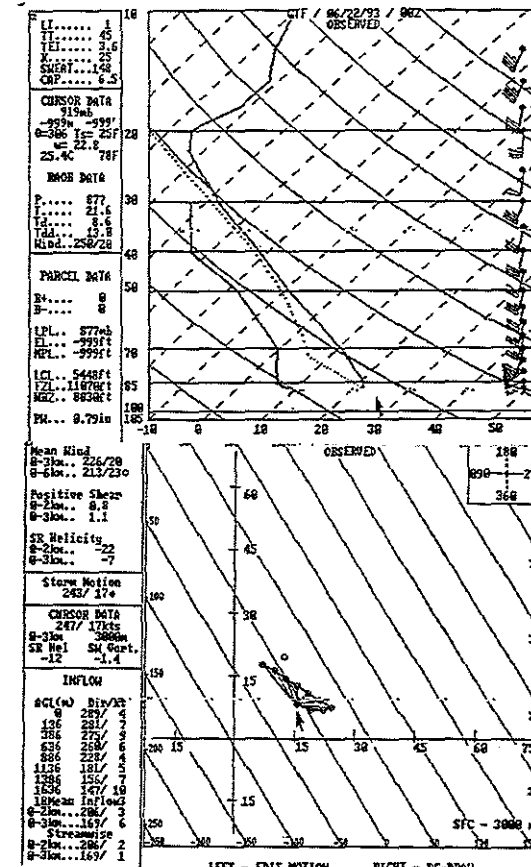
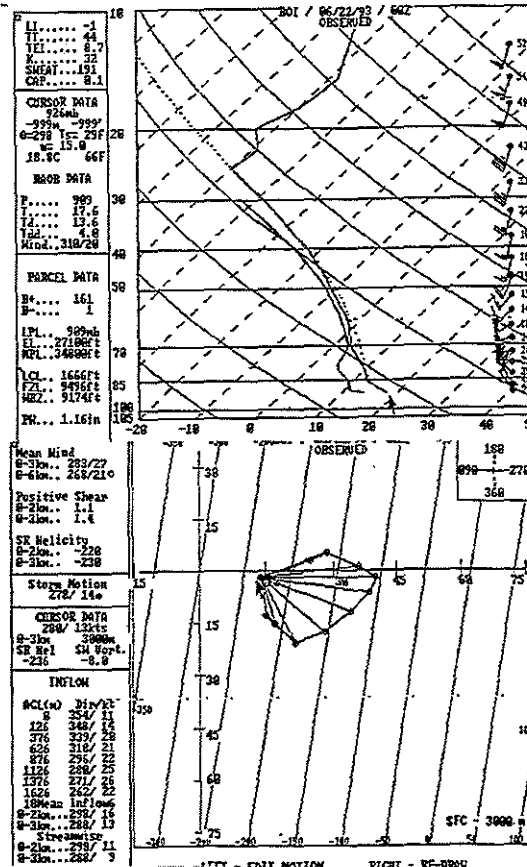
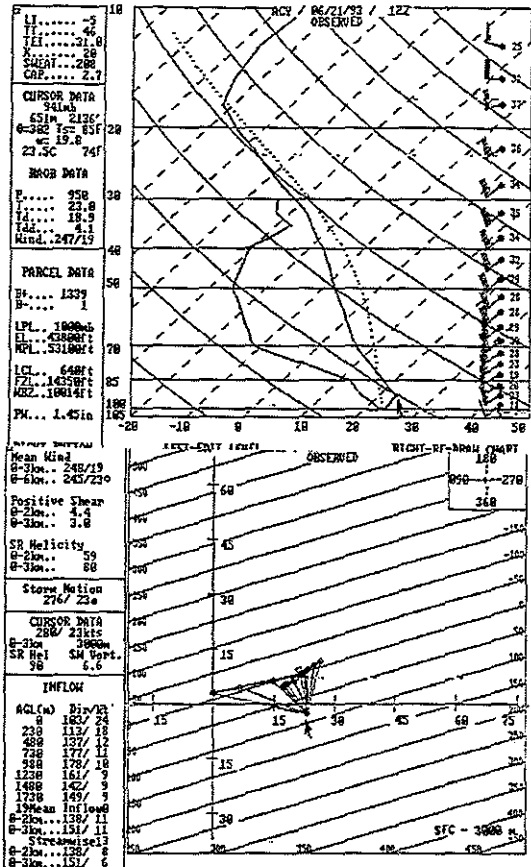
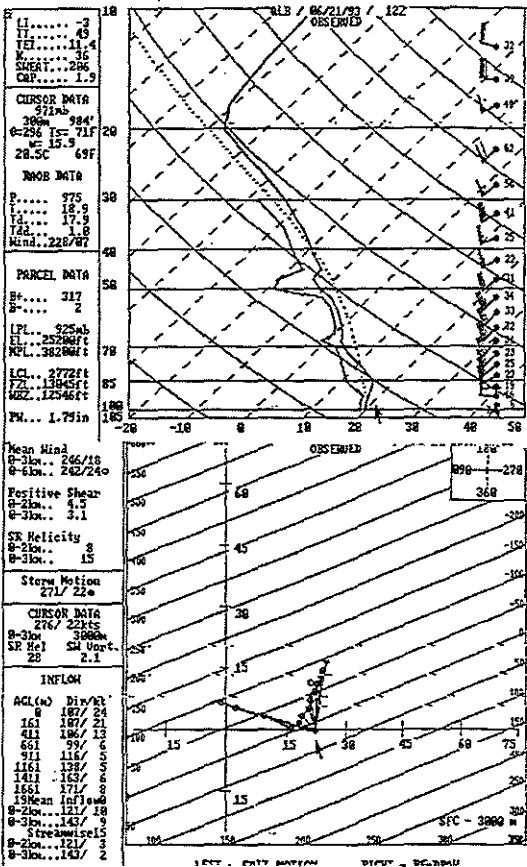


500 MB 00Z



SATELLITE 2230Z 21 JUNE





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/22/93 - 0600CST 06/23/93

Total Non-Tornadic Reports: 61  
Large Hail Reports... 27 Damaging Wind Reports... 34

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	9	3	10	5	0	0	27
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

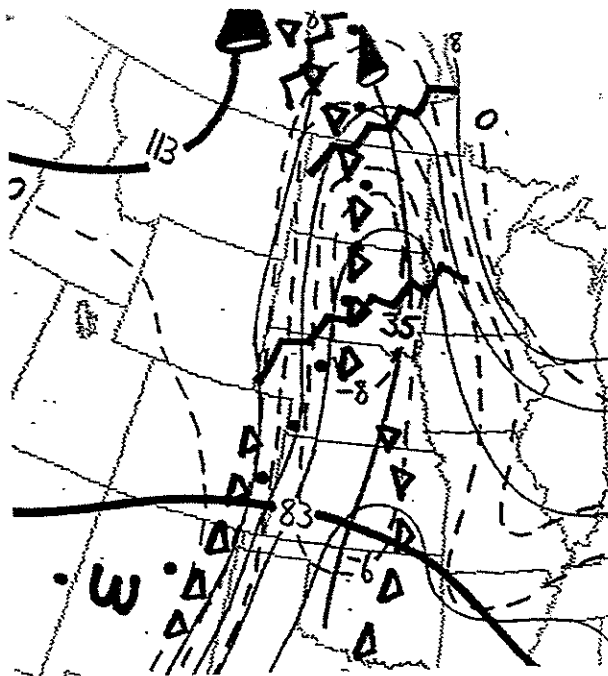
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	2	22	8	2	0	0	34
Fatalities	0	0	0	0	0	0	0
Injuries	0	1	0	0	0	0	1

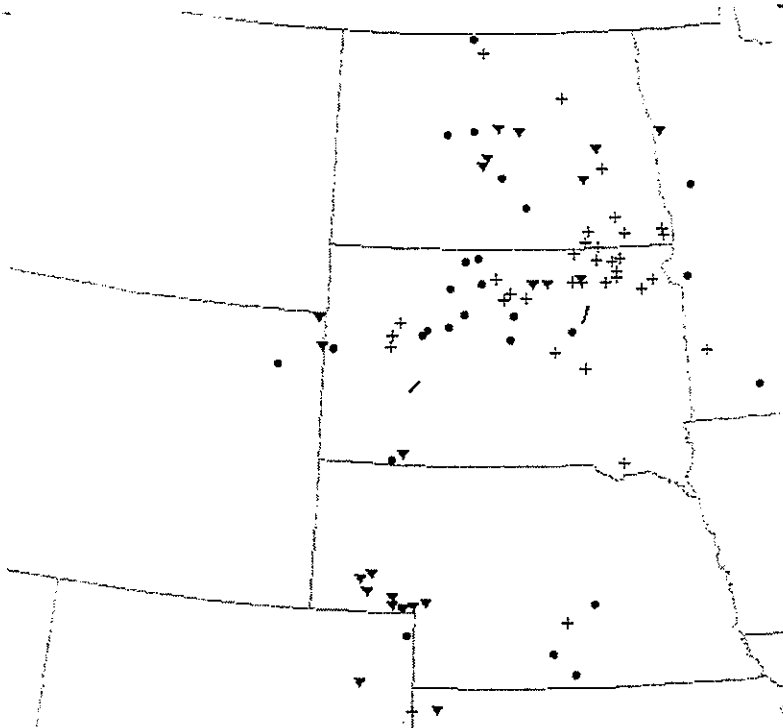
Number of Tornado Segments: 26

TORNADO SEGMENTS

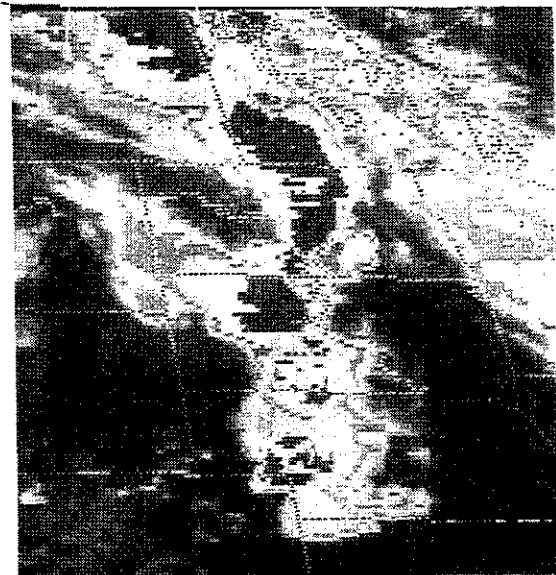
	F0	F1	F2	F3	F4	F5	TOT
Segments	20	6	0	0	0	0	26
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



SATELLITE 00Z 23 JUNE



0600CST 06/22/93 - 0600CST 06/23/93

SEVE

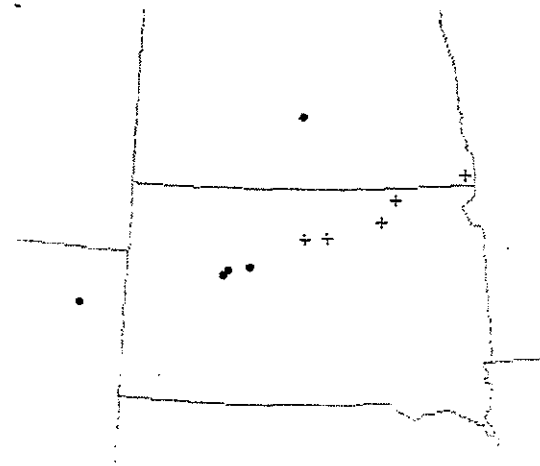
# TUESDAY JUNE 22ND, 1993

## SIGNIFICANT HAIL EVENTS

DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUN 22	1408	2.00 INCH	WY-ne	CROOK..2 SW MOORCRAFT	-	---
JUN 22	1745	2.75 INCH	SD-nw	SOUTHERN ZIEBACH CO.	-	---
JUN 22	1755	2.75 INCH	ND-c	BURLEIGH..7 N STERLING	-	---
3 TOTAL					-	---

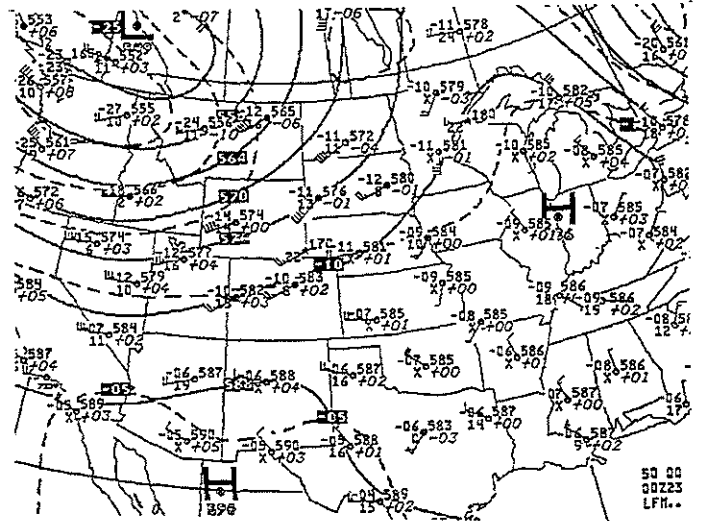
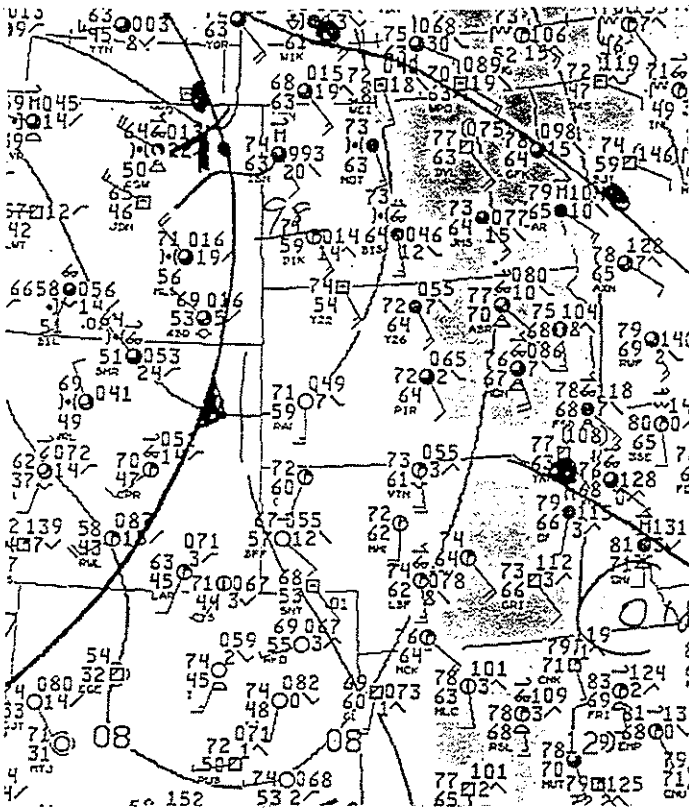
## SIGNIFICANT WIND EVENTS

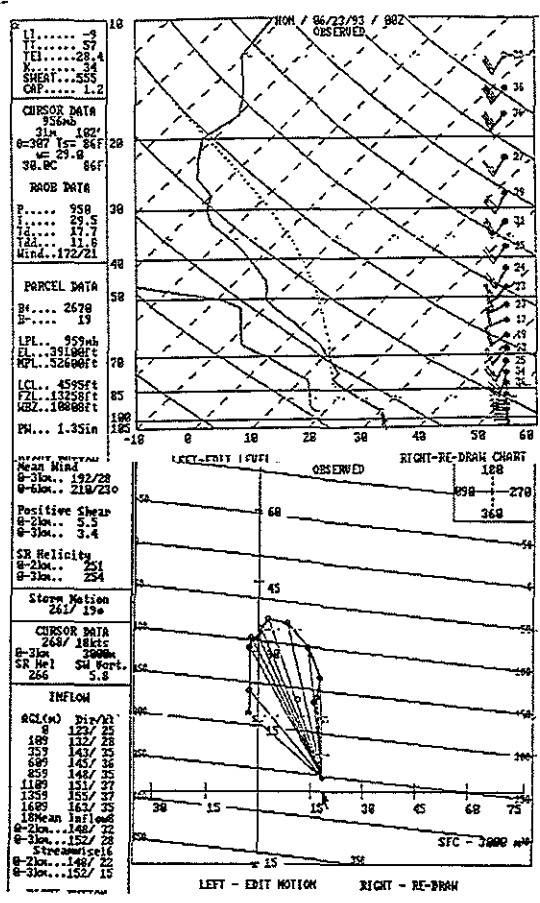
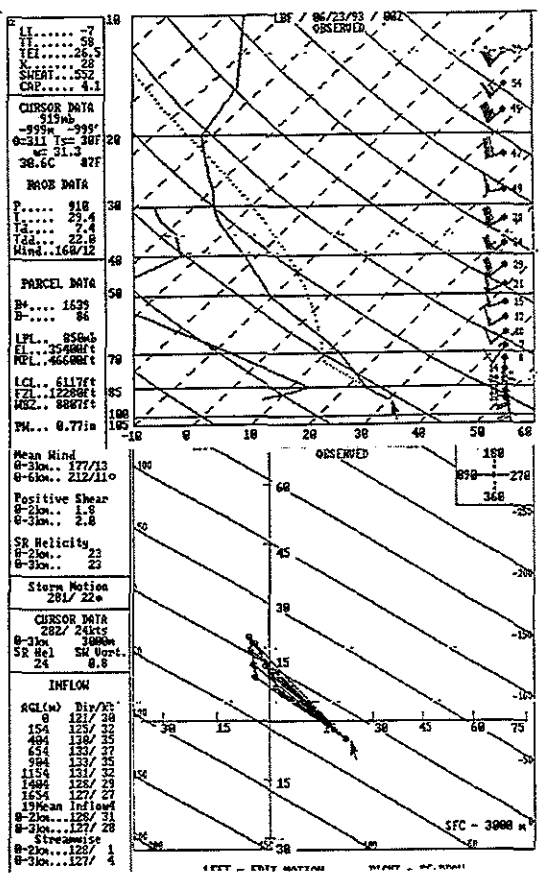
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUN 22	1330	80 MPH GUST	ND-se	RICHLAND..HANKINSON	-	-	---
JUN 22	1936	75 MPH GUST	SD-nc	POTTER/18 NW GETTYSBURG	-	-	---
JUN 22	2000	85 MPH GUST	SD-nc	WALWORTH..HOVEN	-	-	---
JUN 22	2107	75 MPH GUST	SD-ne	BROWN..5 W ABERDEEN	-	-	---
JUN 22	2123	WIND DAMAGE	SD-ne	BROWN..3 W HOUGHTON	-	1	---
5 TOTAL					-	1	---



SURFACE MAP 18Z

500 MB 00Z







# CASE NO. 120

COMPOSITE MAP 00Z

National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/23/93 - 0600CST 06/24/93

Total Non-Tornadic Reports: 127

Large Hail Reports... 55      Damaging Wind Reports... 72

### LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	20	10	20	5	0	0	55
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

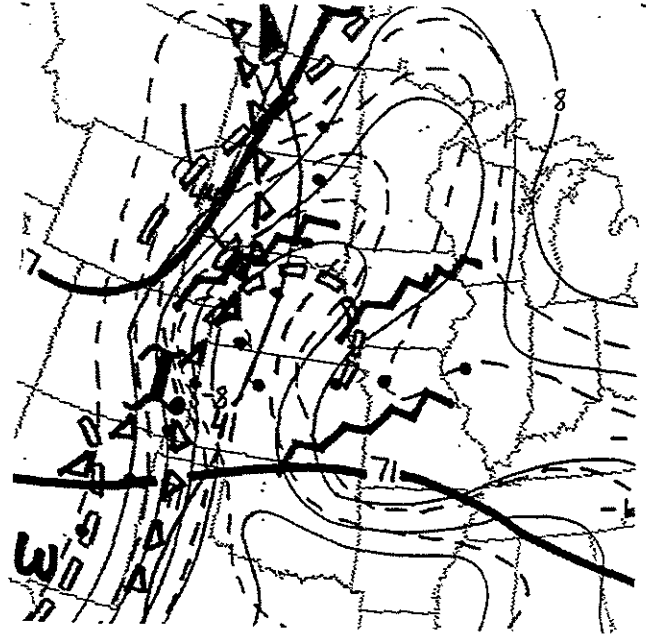
### DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	18	36	10	10	4	0	72
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	1	0	0	1

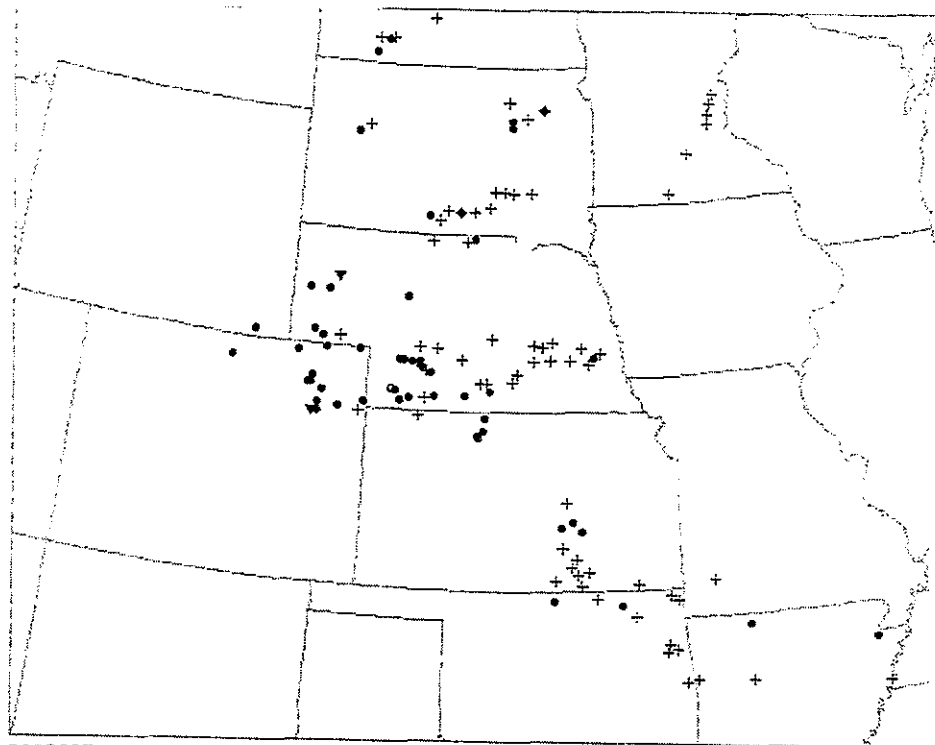
Number of Tornado Segments: 3

### TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	1	1	0	0	0	3
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



### ALL SEVERE WEATHER REPORTS



0600CST 06/23/93 - 0600CST 06/24/93

SEVERE WEATHER

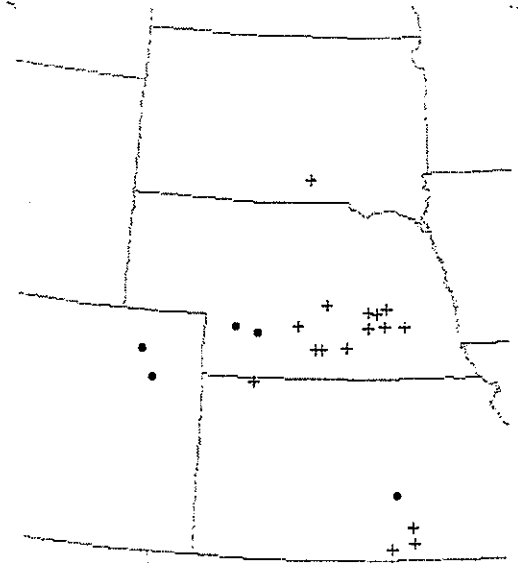
# WEDNESDAY JUNE 23RD, 1993

## SIGNIFICANT HAIL EVENTS

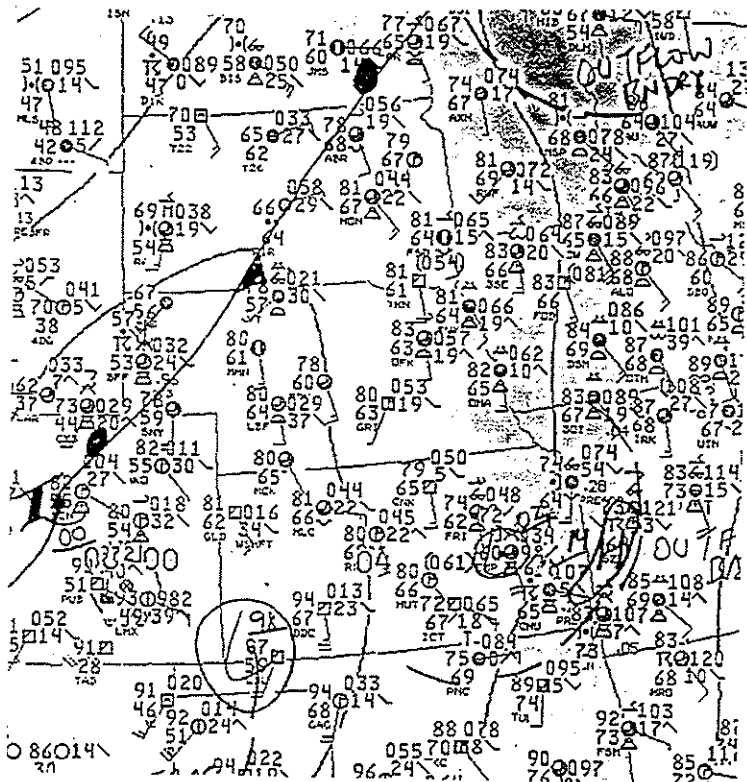
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
JUN 23	0710	2.75 INCH	KS	HARVEY..	NEWTON	-	----
JUN 23	1810	2.75 INCH	CO	MORGAN..	1 NE HILLROSE	-	----
JUN 23	1947	2.00 INCH	CO	WASHINGTON..	18 S AKRON	-	----
JUN 23	1957	2.75 INCH	NE	PERKINS..	GRAINTON	-	----
JUN 23	2040	2.75 INCH	NE	LINCOLN..	WELLFLEET	-	----
5 TOTAL						-	----

## SIGNIFICANT WIND EVENTS

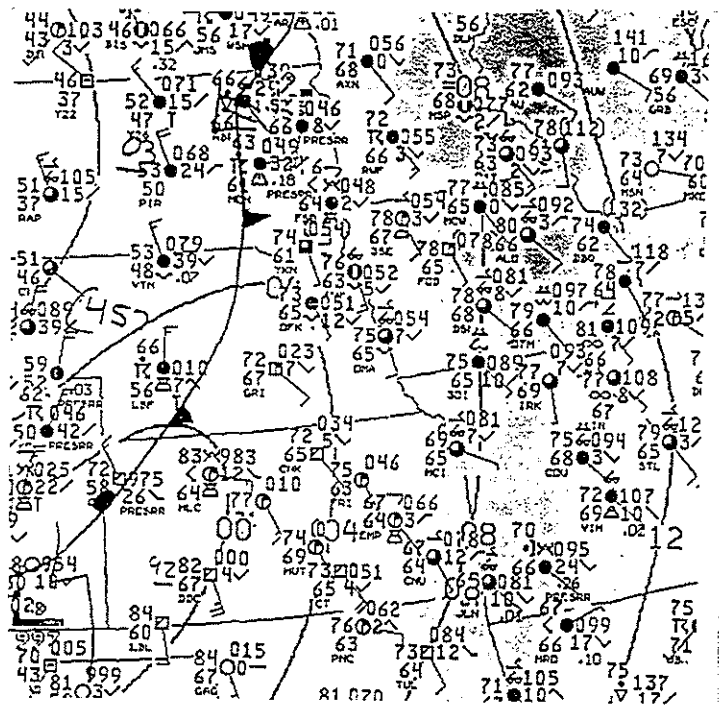
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUN 23	1130	81 MPH GUST	KS	BUTLER..	DOUGLASS	-	-	----
JUN 23	1212	75 MPH GUST	KS	COWLEY..	WINFIELD	-	-	----
JUN 23	1224	81 MPH GUST	KS	COWLEY..	WINFIELD	-	-	----
JUN 23	1308	87 MPH GUST	KS	SUMNER..	PERTH	-	-	----
JUN 23	1815	95 MPH GUST	SD	GREGORY..	DIXON	-	-	----
JUN 23	2130	80 MPH GUST	NE	DAWSON..	6 N LEXINGTON	-	-	----
JUN 23	2210	75 MPH GUST	KS	RAWLINS..	HERNDON	-	-	----
JUN 23	2222	80 MPH GUST	NE	PHELPS..	FUNK	-	1	----
JUN 23	2235	100 MPH GUST	NE	KEARNEY..	AXTELL	-	-	----
JUN 23	2235	100 MPH GUST	NE	SHERMAN..	LITCHFIELD	-	-	----
JUN 23	2300	100 MPH GUST	NE	HALL..	GRAND ISLAND	-	-	----
JUN 23	2330	90 MPH GUST	NE	HAMILTON..	AURORA	-	-	----
JUN 23	2340	85 MPH GUST	NE	MERRICK..	CENTRAL CITY	-	-	----
JUN 23	2345	80 MPH GUST	NE	POLK..	POLK	-	-	----
JUN 23	2355	80MPH GUST	NE	POLK..	OSCEOLA	-	-	----
JUN 24	0015	WIND DAMAGE	NE	SEWARD COUNTY		-	-	1 M
JUN 24	0020	80MPH GUST	NE	YORK..	YORK	-	-	1 M
17 TOTAL						-	1	1 M

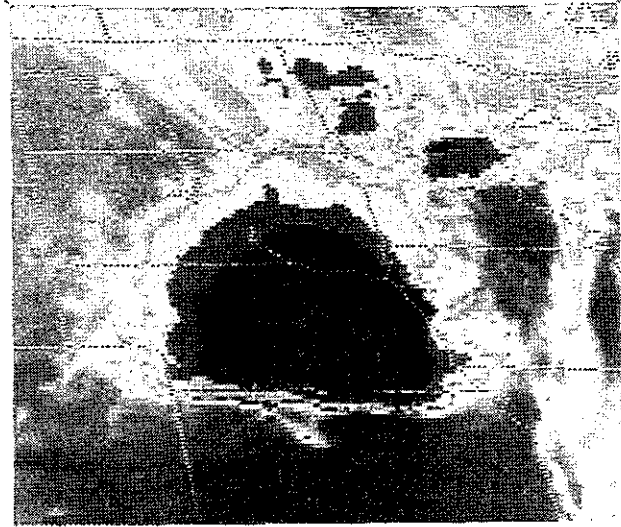
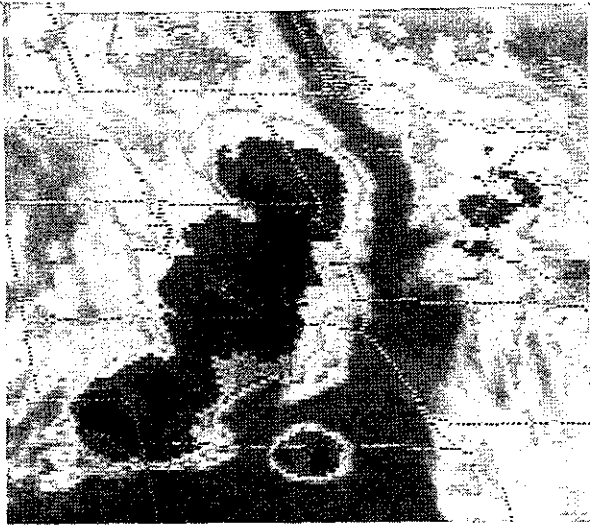


SURFACE MAP 21Z

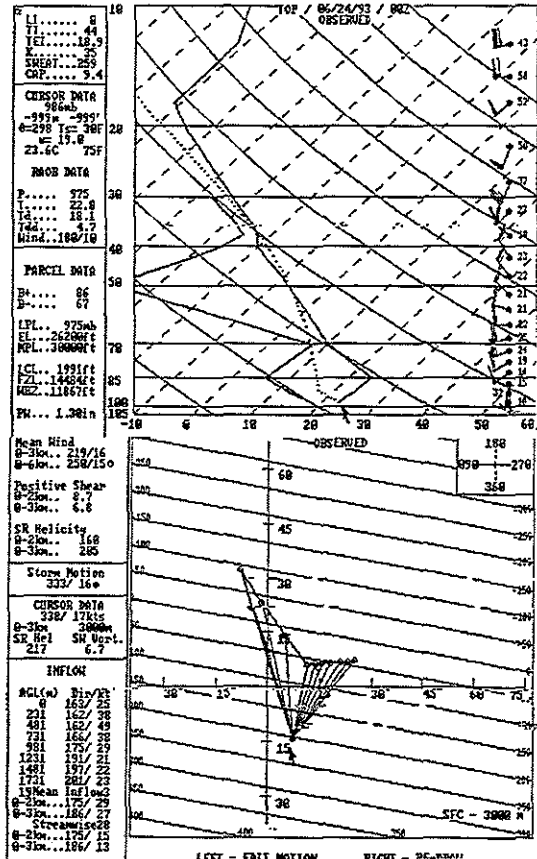
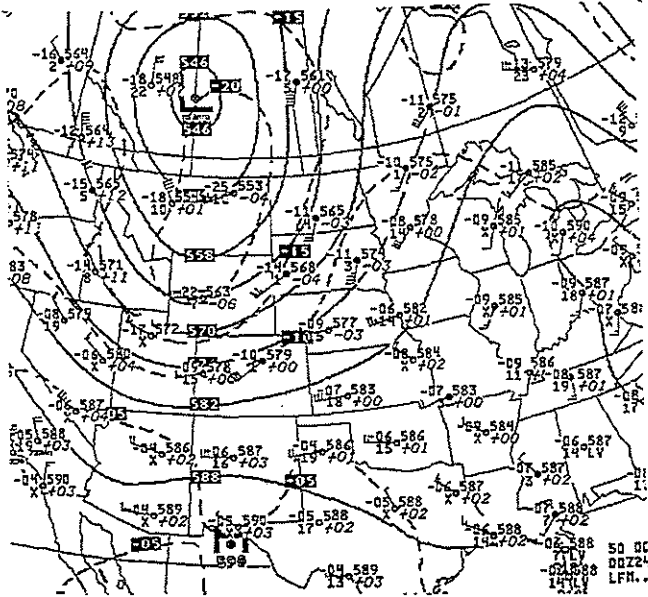


SURFACE MAP 03Z





500 MB 00Z



National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/27/93 - 0600CST 06/28/93

Total Non-Tornadoic Reports: 122

Large Hail Reports... 70      Damaging Wind Reports... 52

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	32	8	27	1	2	0	70
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

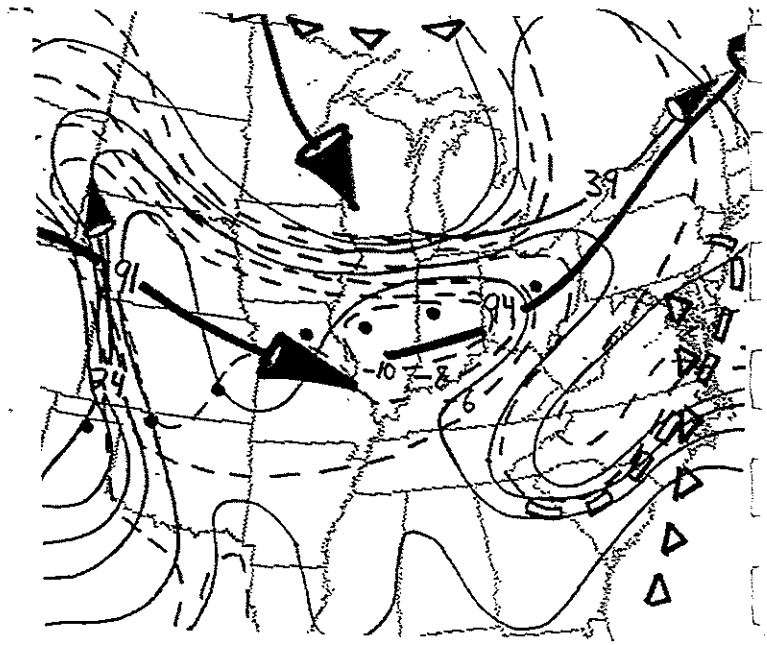
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	41	6	4	1	0	0	52
Fatalities	0	0	0	0	0	0	0
Injuries	3	0	0	0	0	0	3

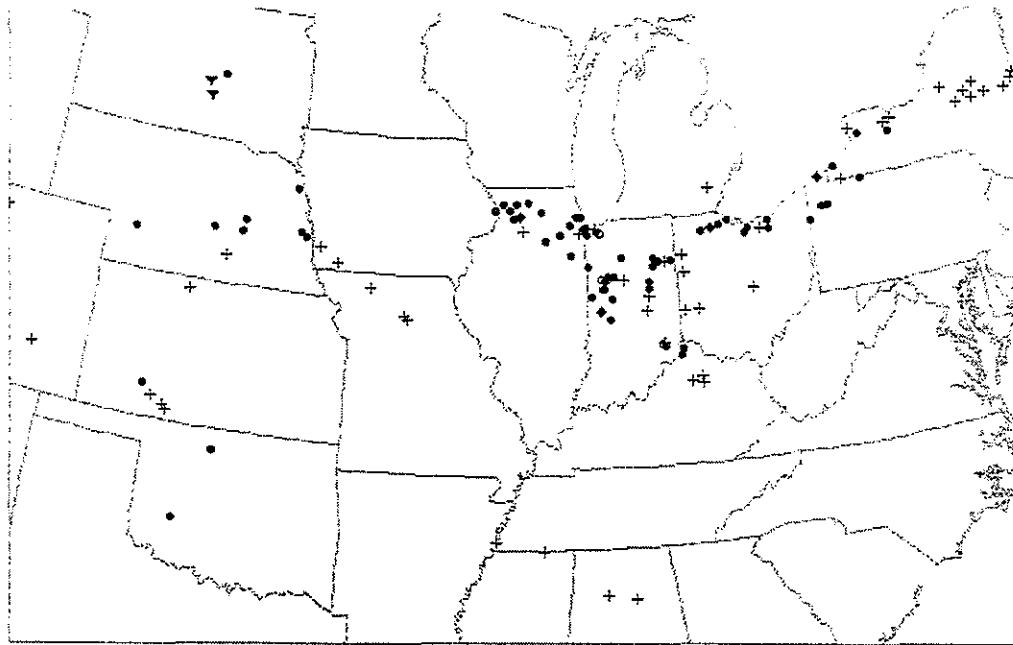
Number of Tornado Segments: 2

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	1	1	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE WEATHER REPORTS



0600CST 06/27/93 - 0600CST 06/28/93

SEVERE WEATHER REPORTS

SIGNIFICANT EVENTS MAP

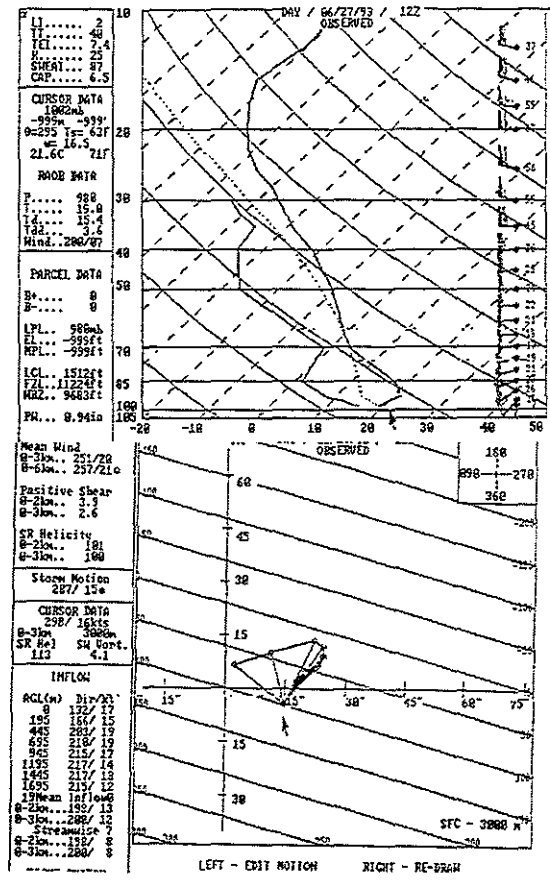
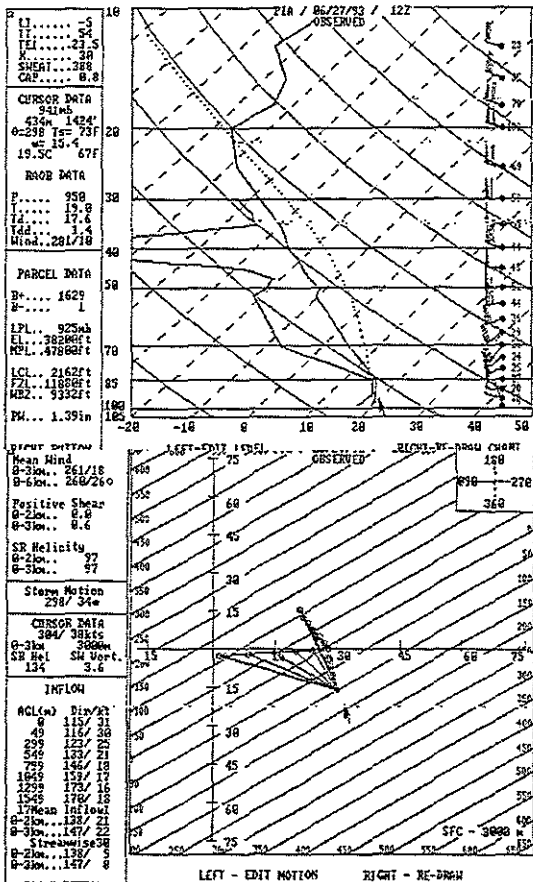
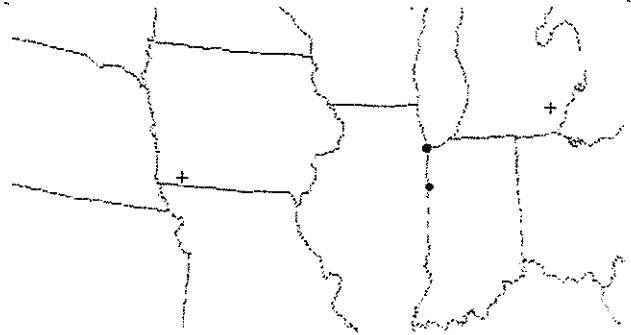
SUNDAY JUNE 27TH, 1993

SIGNIFICANT HAIL EVENTS

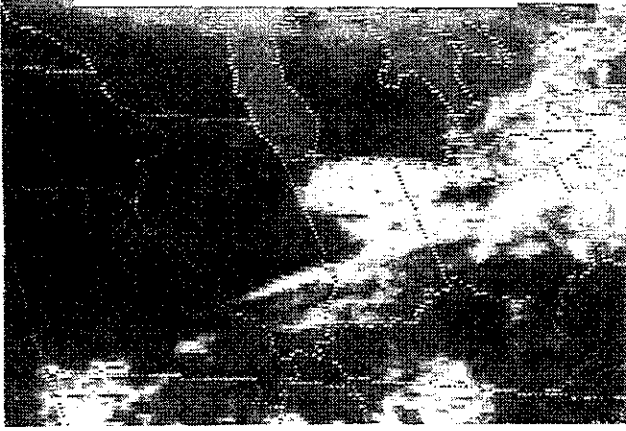
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUN 27	1315	3.00 INCH	IN	NEWTON..KENTLAND	-	---
JUN 27	2350	2.00 INCH	IL	COOK..LANSING	-	---
JUN 28	0010	3.00 INCH	IN	LAKE..HAMMOND	-	1 M
3 TOTAL					-	1 M

SIGNIFICANT WIND EVENTS

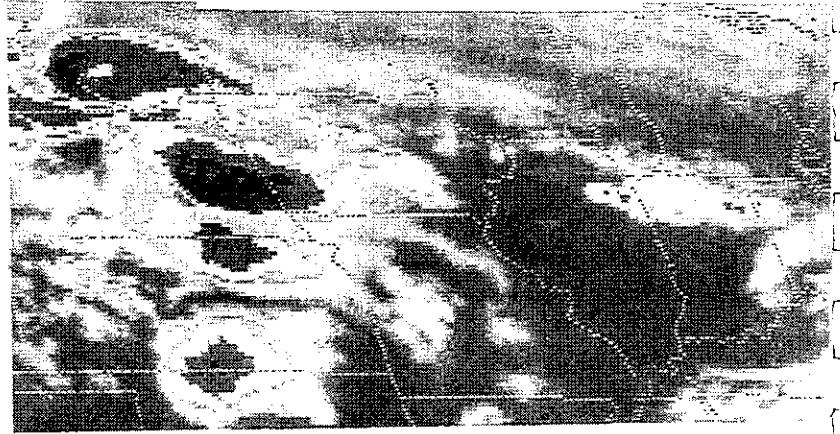
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUN 28	0220	80 MPH GUST	IA	PAGE..CLARINDA	-	-	---
JUN 28	0510	WIND DAMAGE	MI	WASHTENAW..YPSILANTI	-	-	1 M
2 TOTAL					-	-	1 M



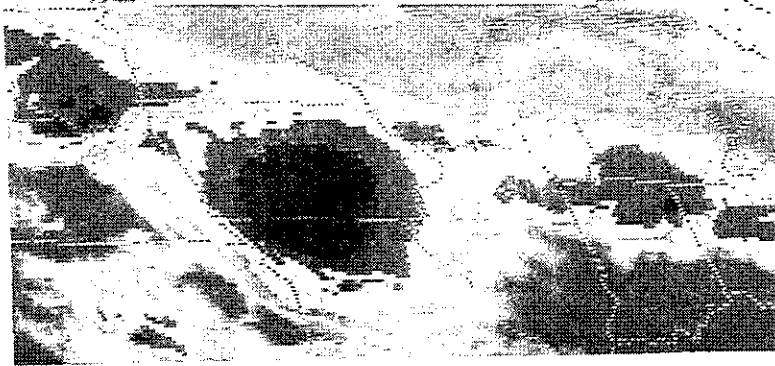
SATELLITE 20Z 27 JUNE



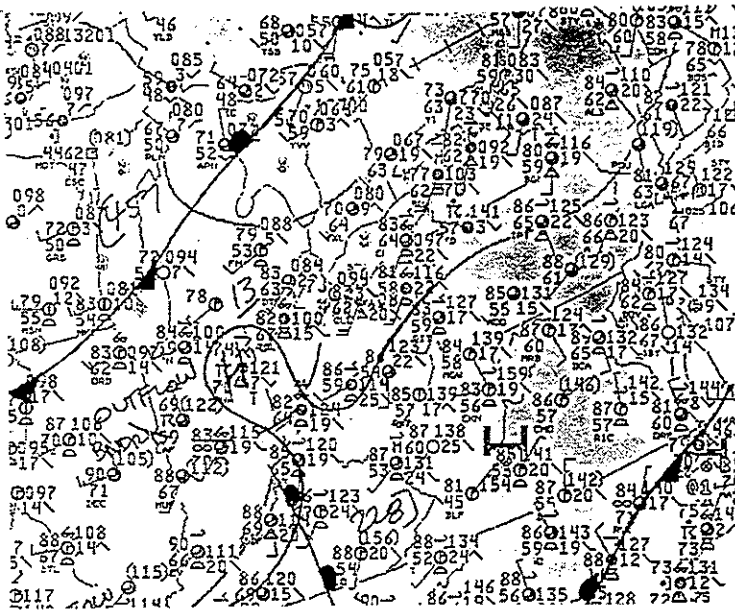
SATELLITE 06Z 28 JUNE



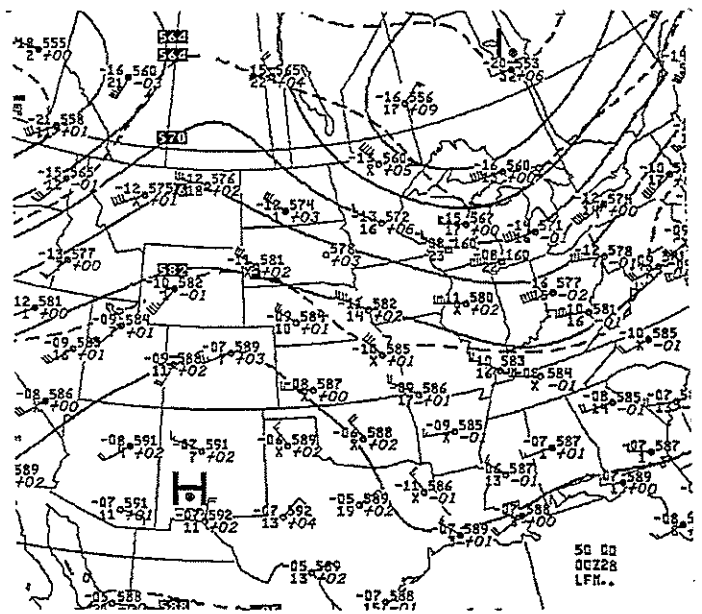
SATELLITE 10Z 28 JUNE

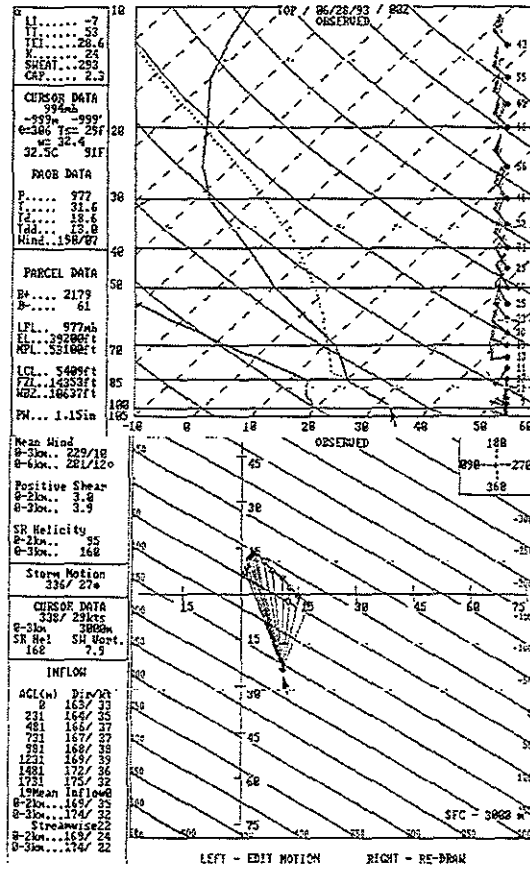
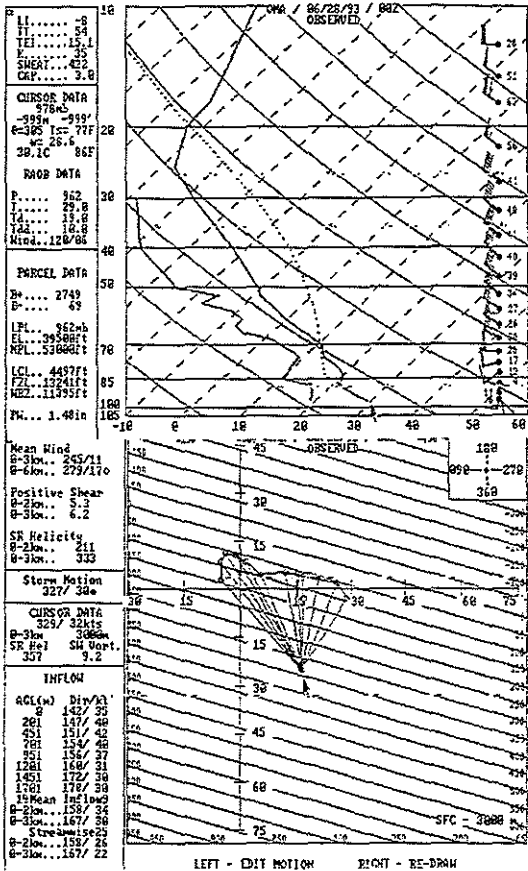


SURFACE MAP 21Z



500 MB 00Z





National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/28/93 - 0600CST 06/29/93

Total Non-Tornadic Reports: 93

Large Hail Reports... 23      Damaging Wind Reports... 70

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	11	6	3	3	0	0	23
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

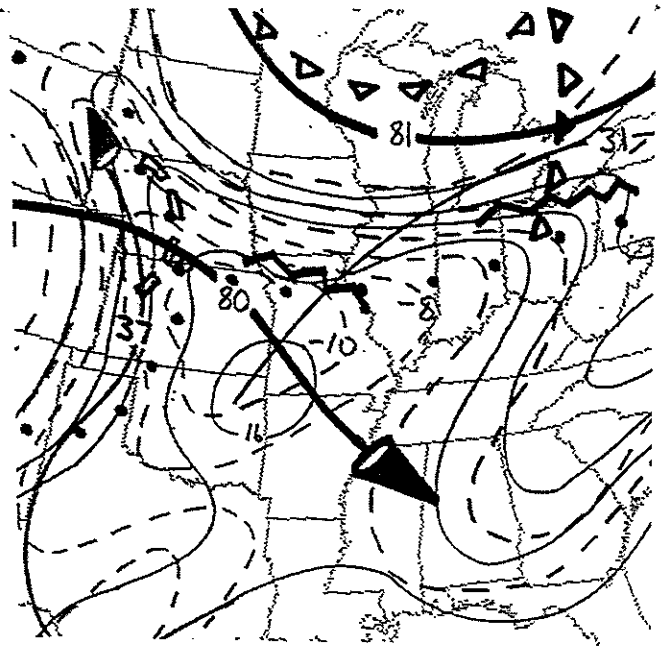
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	67	1	1	1	0	0	70
Fatalities	0	0	0	0	0	0	0
Injuries	2	0	0	0	0	0	2

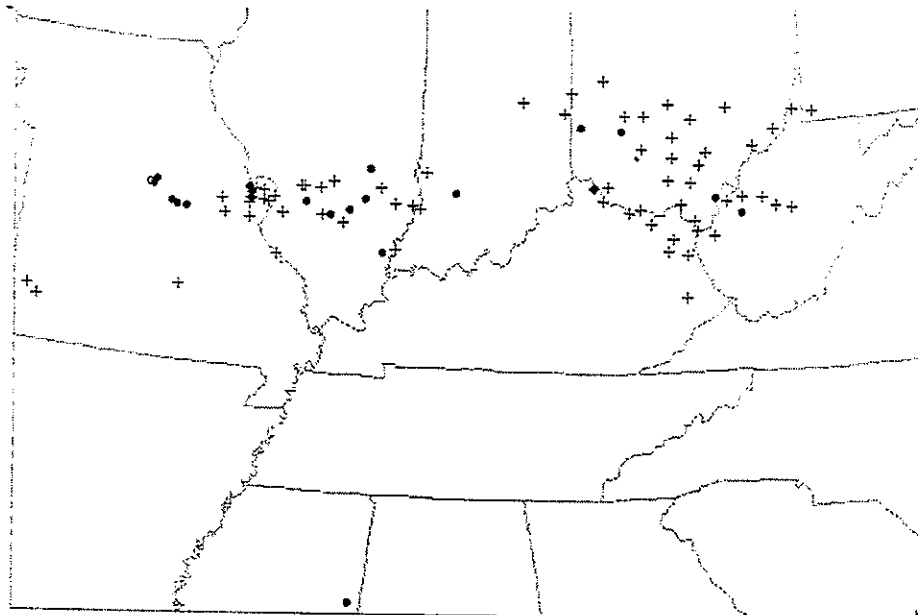
Number of Tornado Segments: 2

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	2	0	0	0	0	0	2
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 06/28/93 - 0600CST 06/29/93

SEVERE WEATHER



National Severe Storms Forecast Center  
 Severe Thunderstorm and Tornado Database  
 Page 1

0600CST 06/28/93 - 0600CST 06/29/93

Total Non-Tornadoic Reports: 8

Large Hail Reports... 7      Damaging Wind Reports... 1

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	2	0	3	1	0	1	7
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

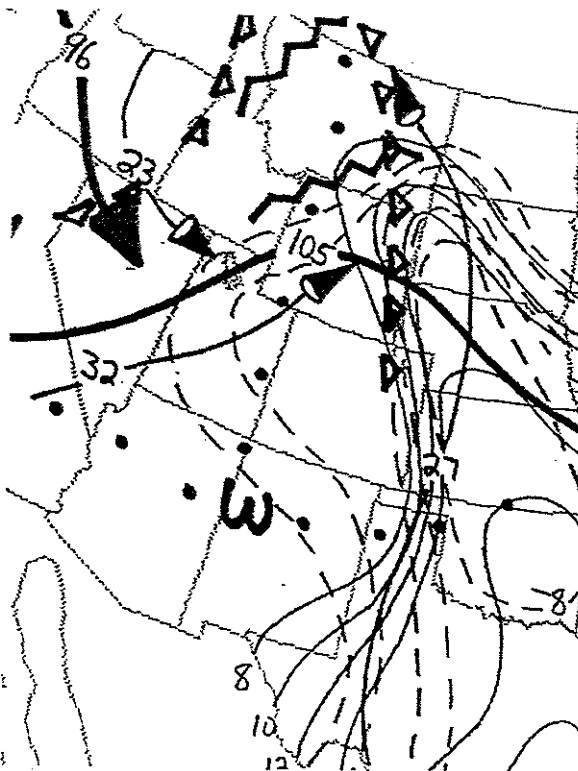
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	0	0	1	0	0	0	1
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

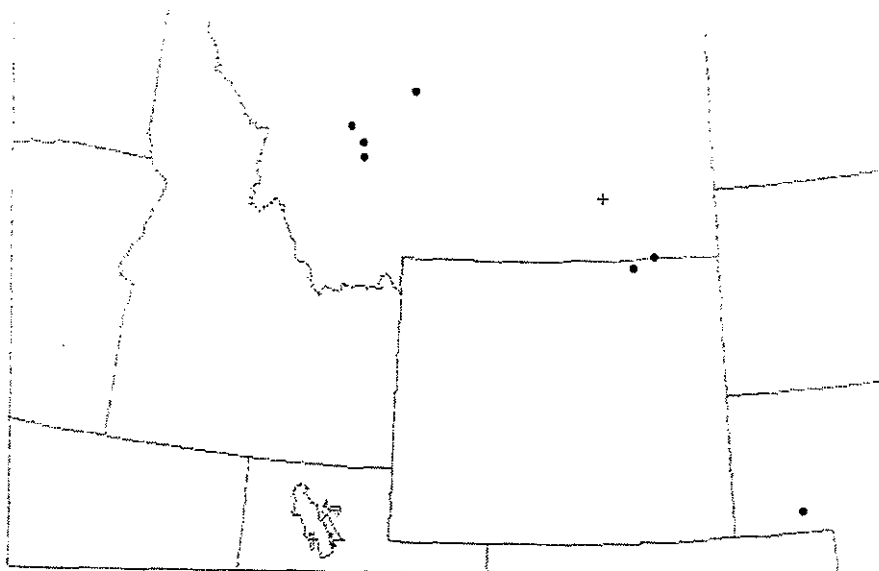
Number of Tornado Segments: 0

TORNADO SEGMENTS

	F0	F1	F2	F3	P4	F5	TOT
Segments	0	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0



ALL SEVERE REPORTS



0600CST 06/28/93 - 0600CST 06/29/93

SEVERE WEATH

SIGNIFICANT EVENTS MAP

MONDAY JUNE 28TH, 1993

SIGNIFICANT HAIL EVENTS

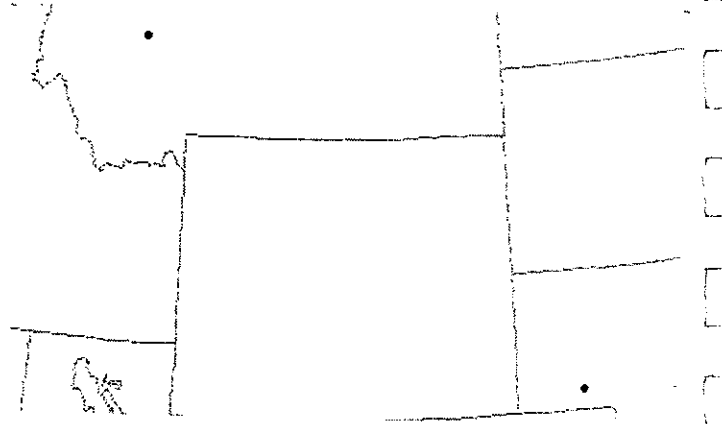
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	INJ	DMG
JUN 28	1344	2.00 INCH	MT	JEFFERSON/JEFFERSON	CITY	-	---
JUN 28	1450	2.75 INCH	IL	CLINTON..	ST. ROSE	-	---
JUN 28	1720	2.50 INCH	MO	ST. LOUIS..	CHESTERFIELD	-	---
JUN 28	1939	4.00 INCH	NE	CHEYENNE..	8 N LODGEPOLE	-	---
JUN 28	2145	2.00 INCH	MO	BOONE..	ASHLAND	-	---

5 TOTAL

SIGNIFICANT WIND EVENTS

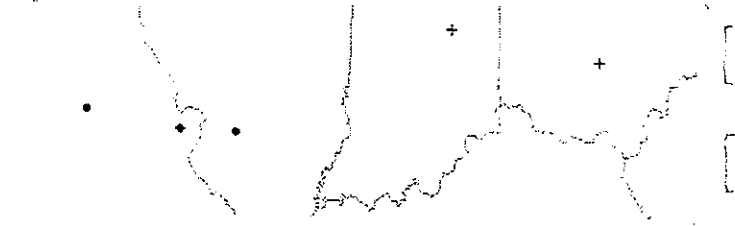
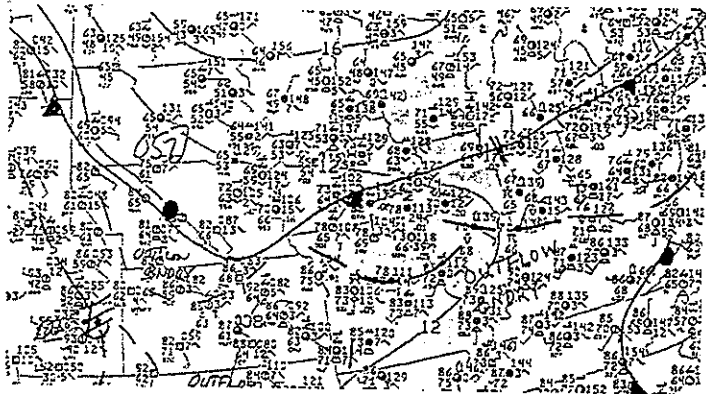
DATE	TIME	EVENT	STATE	COUNTY...	LOCATION	KIL	INJ	DMG
JUN 28	1010	83 MPH GUST	IN	MADISON..	ANDERSON	-	-	---
JUN 28	1337	WIND DAMAGE	OH	PICKAWAY..	CIRCLEVILLE	-	1	---
JUN 28	1620	WIND DAMAGE	MO	ST. LOUIS/CHESTERFIELD		-	1	---

3 TOTAL

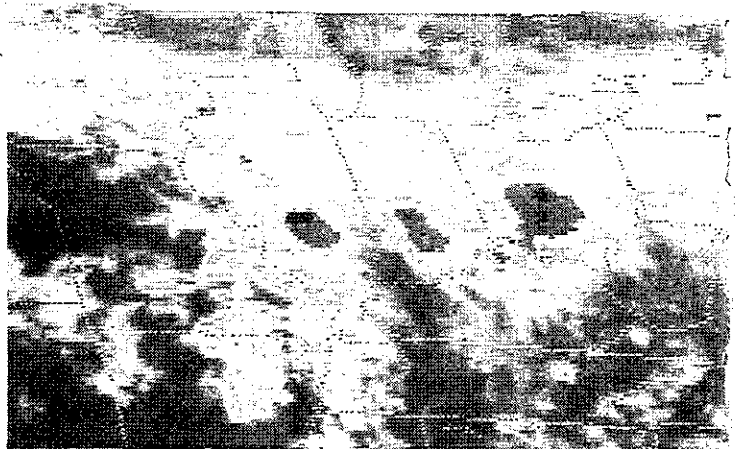


SIGNIFICANT EVENTS MAP

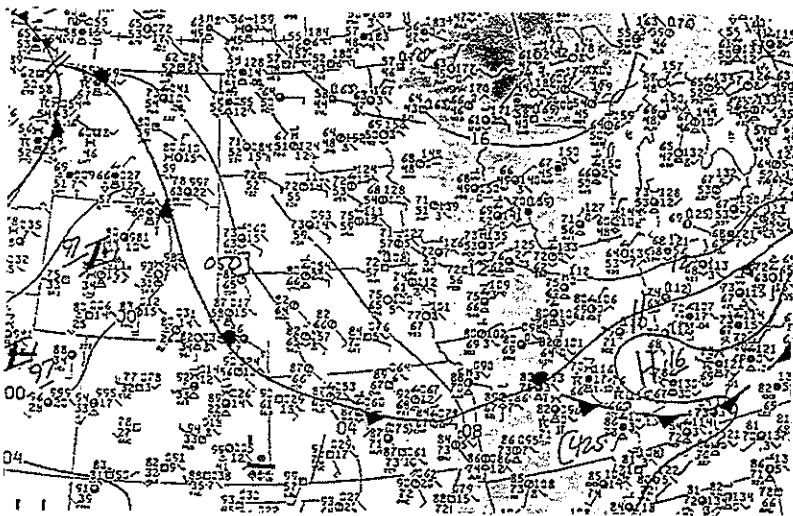
SURFACE MAP 18Z



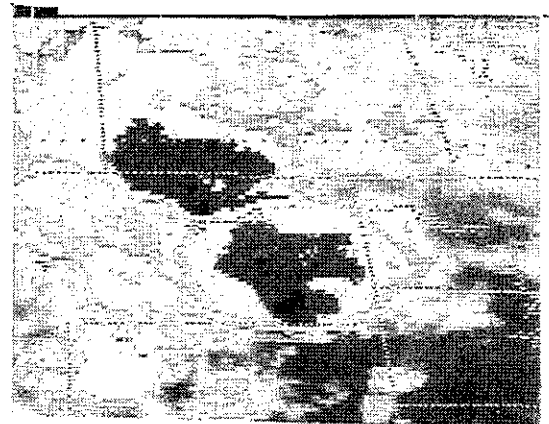
SATELLITE 19Z 28 JUNE

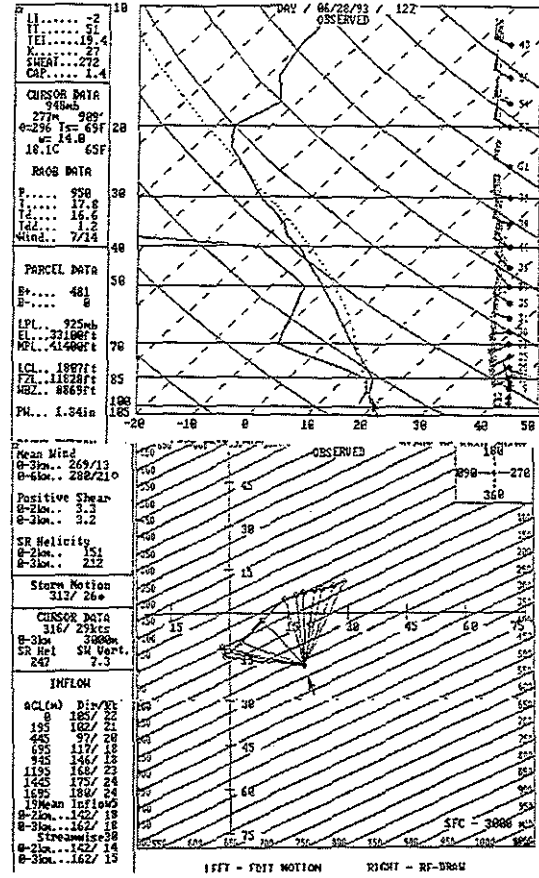
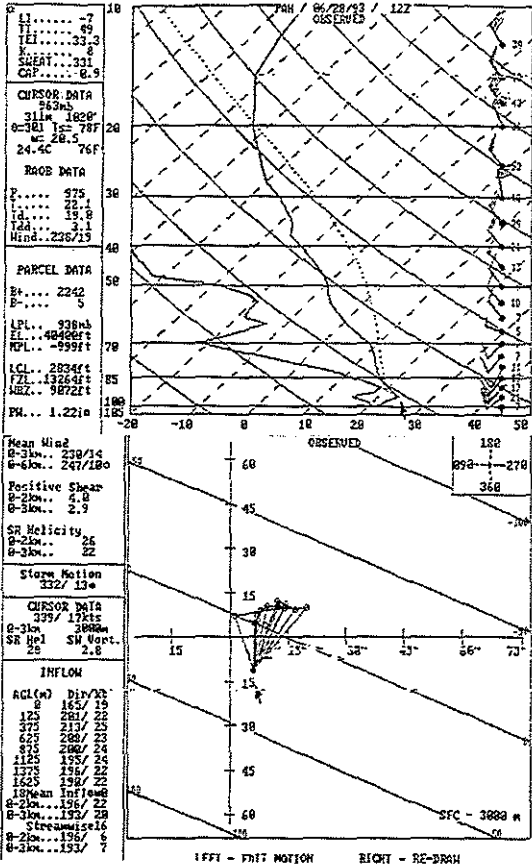
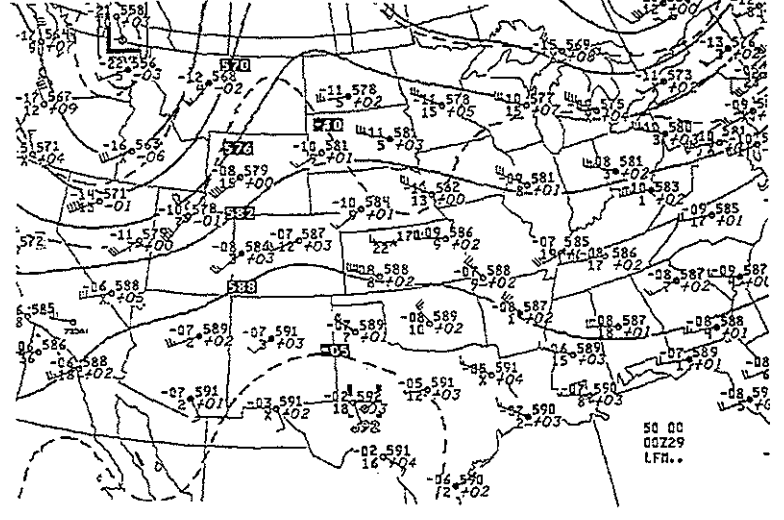
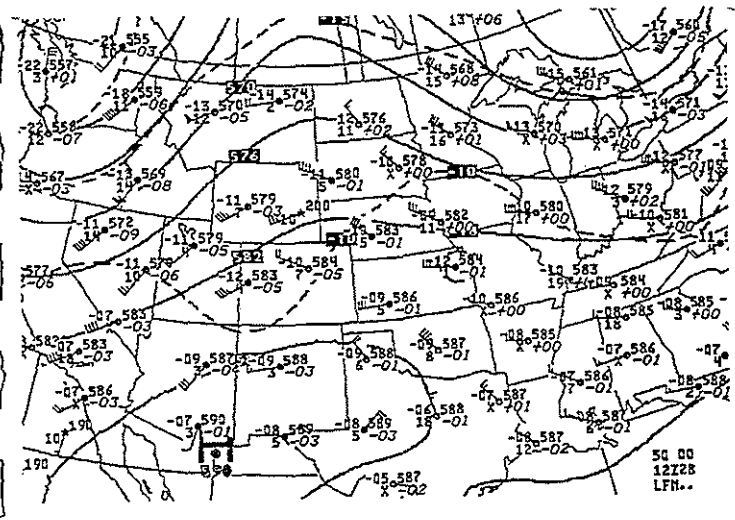


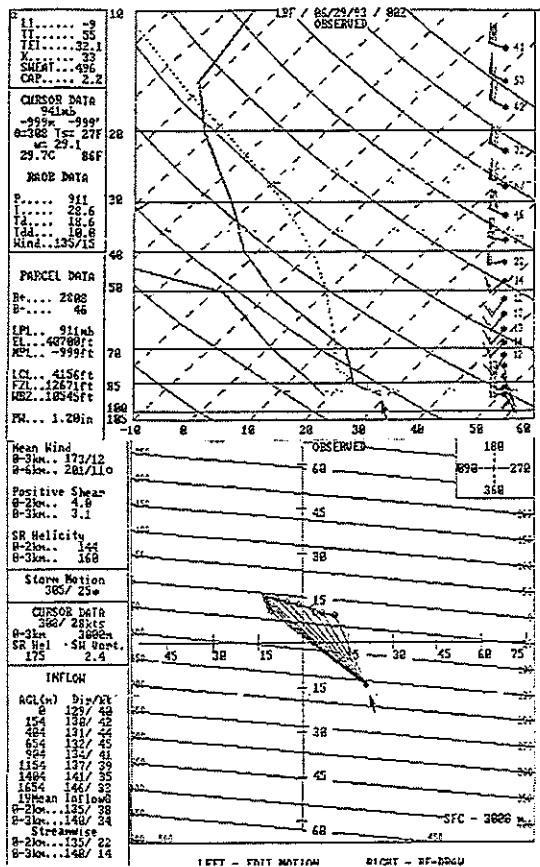
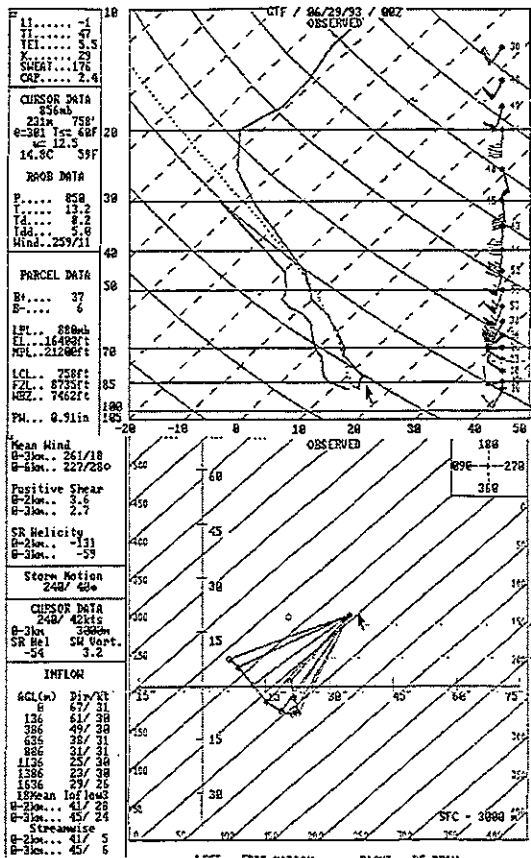
SURFACE MAP 00Z



SATELLITE 02Z 29 JUNE







National Severe Storms Forecast Center  
Severe Thunderstorm and Tornado Database  
Page 1

0600CST 06/29/93 - 0600CST 06/30/93

Total Non-Tornadic Reports: 141

Large Hail Reports... 39      Damaging Wind Reports... 102

LARGE HAIL

	075	100	150	200	300	400	TOT
Hail	11	8	10	7	1	2	39
Fatalities	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0

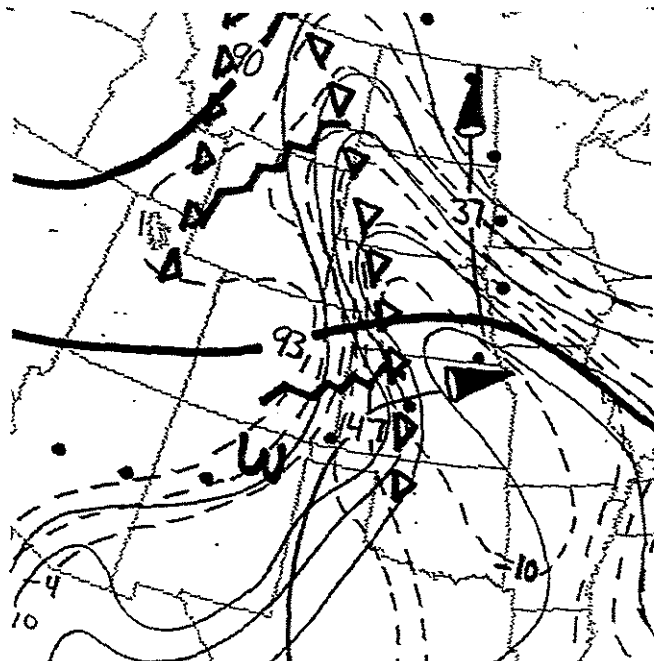
DAMAGING WIND

	WNDG	50	60	70	80	90	TOT
Wind	34	47	13	7	1	0	102
Fatalities	0	0	0	0	0	0	0
Injuries	0	2	1	1	0	0	4

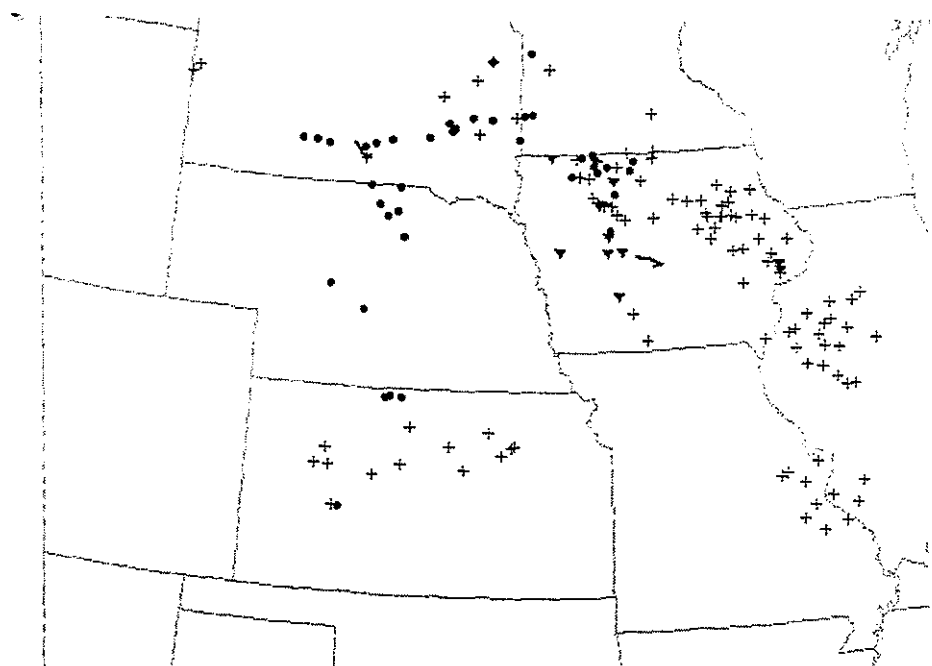
Number of Tornado Segments: 18

TORNADO SEGMENTS

	F0	F1	F2	F3	F4	F5	TOT
Segments	9	5	2	2	0	0	18
Fatalities	0	0	0	0	0	0	0
Injuries	0	2	0	0	0	0	2



ALL SEVERE REPORTS



0600CST 06/29/93 - 0600CST 06/30/93

SEVERE WEATH

TUESDAY JUNE 29TH, 1993

SIGNIFICANT TORNADO EVENTS

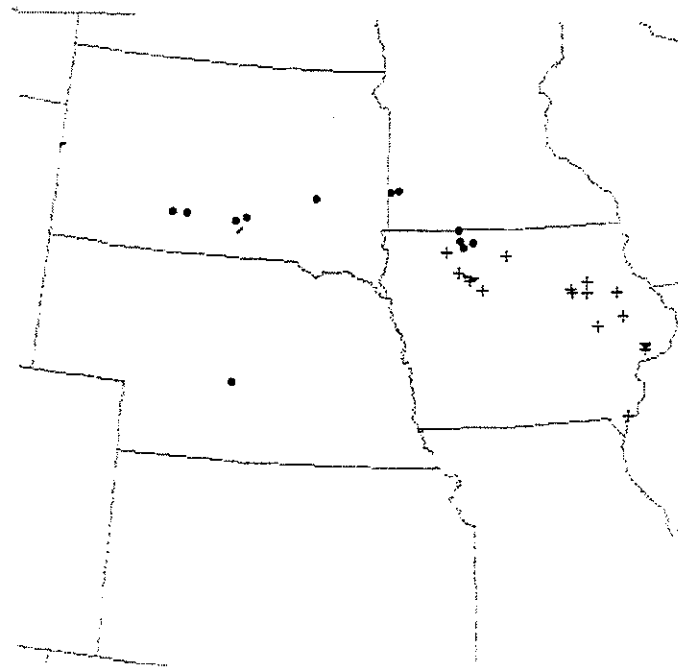
DATE	TIME	FOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUN 29	1050	F-3	3.0	SD	LAWRENCE-13 SW SPEARFISH	-	-	---
JUN 29	1550	F-2	5.0	SD	TRIPP..WINNER	-	-	---
JUN 29	1745	F-2	15.0	IA	POCHANTAS COUNTY	-	-	---
JUN 29	2211	F-1	0.4	IA	SCOTT..STOCKTON	-	2	---
4 TOTAL						-	2	---

SIGNIFICANT HAIL EVENTS

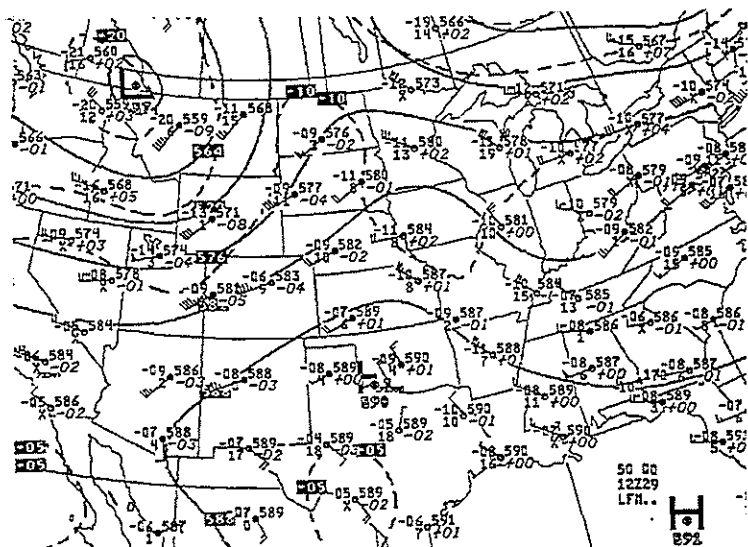
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG	
JUN 29	0640	2.75 INCH	SD	JACKSON/15 W CEDAR BUTTE	-	---	
JUN 29	0640	2.75 INCH	SD	MELLETE..CEDAR BUTTE	-	---	
JUN 29	0948	2.75 INCH	SD	TRIPP..IDEAL	-	---	
JUN 29	1005	2.75 INCH	SD	TRIPP..HAMILL	-	---	
JUN 29	1215	2.75 INCH	SD	SANBORN..3 NE LETCHER	-	---	
JUN 29	1350	1.00 INCH	MN	PIPESTONE..CAZENOVIA	-	2 M	
JUN 29	1420	1.00 INCH	MN	PIPESTONE..HOLLAND	-	1 M	
JUN 29	1555	2.75 INCH	IA	EMMET..6 N ESTHERVILLE	-	---	
JUN 29	1615	4.50 INCH	IA	EMMET..WALLINGFORD	-	---	
JUN 29	1635	3.50 INCH	IA	EMMET..RINGSTED	-	---	
JUN 29	1637	4.50 INCH	IA	PALO ALTO..GRAETTINGER	-	---	
JUN 29	2325	2.50 INCH	NE	CUSTER..OCONTO	-	---	
12 TOTAL						-	3 M

SIGNIFICANT WIND EVENTS

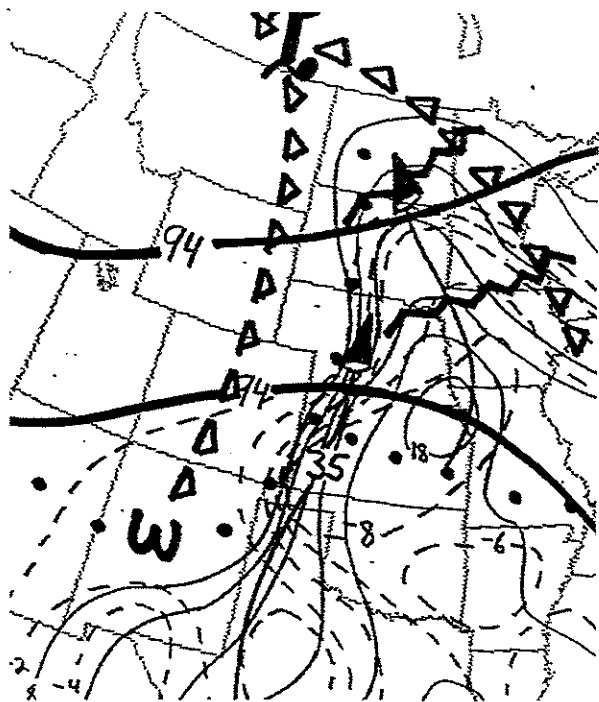
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUN 29	1642	80 MPH GUST	IA	CLAY..SPENCER	-	-	---
JUN 29	1729	80 MPH GUST	IA	POCHANTAS..LAURENS	-	-	---
JUN 29	1753	80 MPH GUST	IA	HANCOCK..BRITT	-	-	1 M
JUN 29	1816	90 MPH GUST	IA	POCHANTAS..BRADGATE	-	-	---
JUN 29	1840	75 MPH GUST	IA	WEBSTER..CLARE	-	-	1
JUN 29	1842	90 MPH GUST	IA	WEBSTER..CLARE	-	-	1
JUN 29	2002	83 MPH GUST	IA	BLACK HAWK..WATERLOO	-	-	---
JUN 29	2030	80 MPH GUST	IA	BLACK HAWK..WATERLOO	-	-	---
JUN 29	2040	75 MPH GUST	IA	BUCHANAN..JESUP	-	-	---
JUN 29	2045	75 MPH GUST	IA	BUCHANAN..FAIRBANK	-	-	---
JUN 29	2100	WIND DAMAGE	IA	DELAWARE COUNTY	-	-	2 M
JUN 29	2112	80 MPH GUST	IA	BENTON..ATKINS	-	-	---
JUN 29	2114	80 MPH GUST	IA	DELAWARE..RYAN	-	-	---
JUN 29	2235	75 MPH GUST	IA	JONES..ANAMOSA	-	-	---
JUN 29	2300	65 MPH GUST	IA	LEE..FT. MADISON	-	-	2
JUN 29	2330	95 MPH GUST	IA	MUSCATINE..STOCKTON	-	-	---
16 TOTAL						-	4 3 M



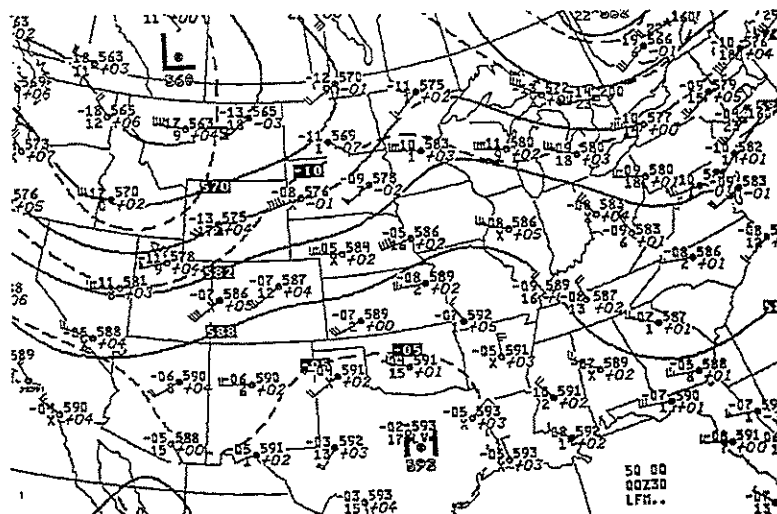
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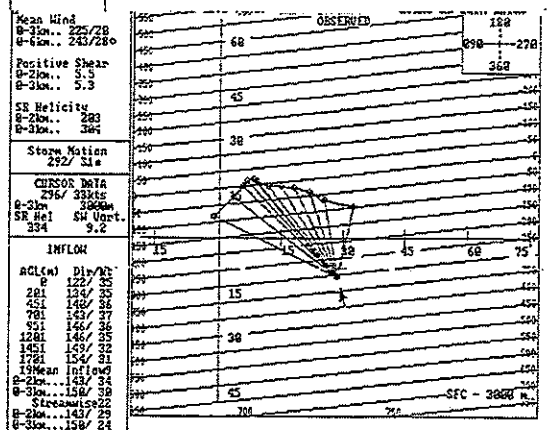
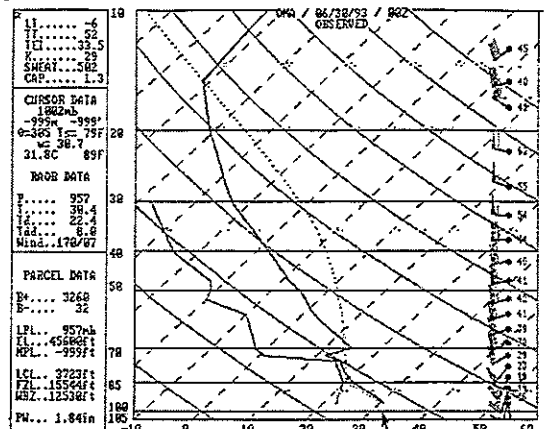
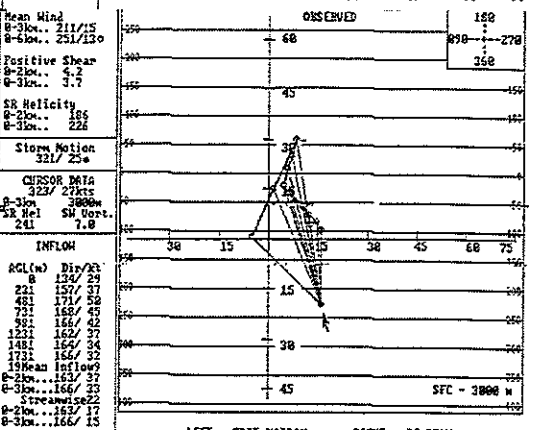
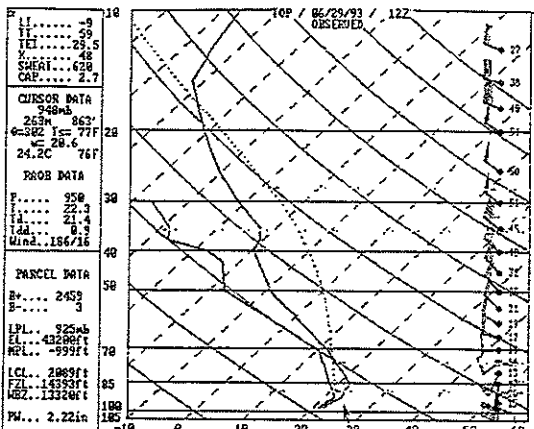
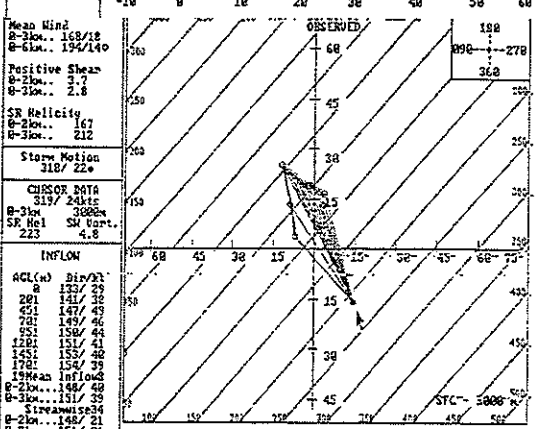
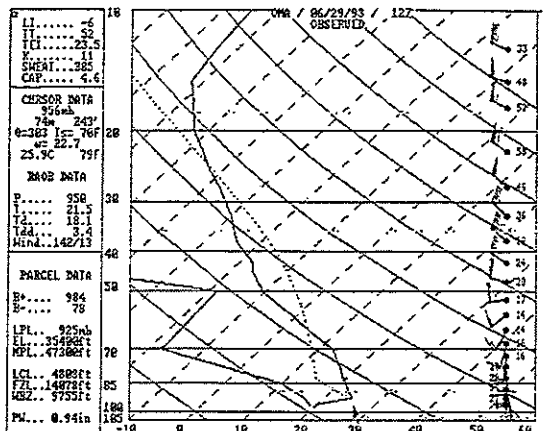
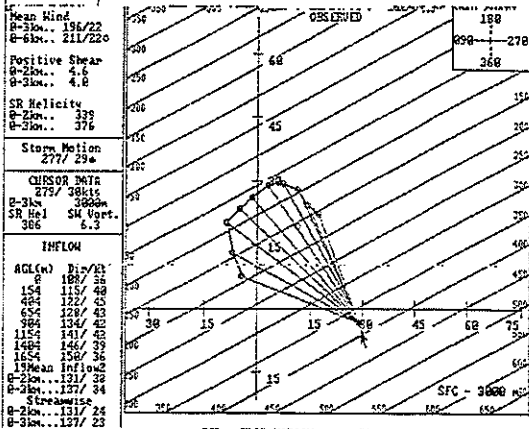
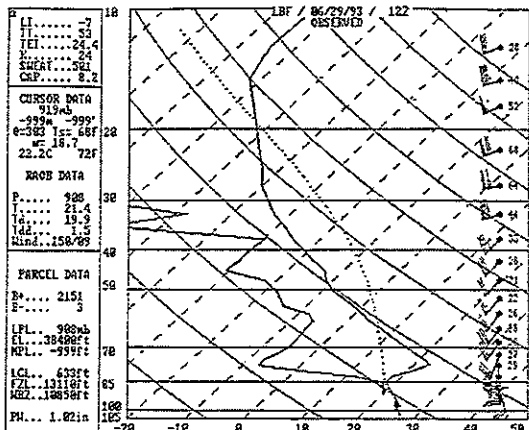
COMPOSITE MAP 00Z



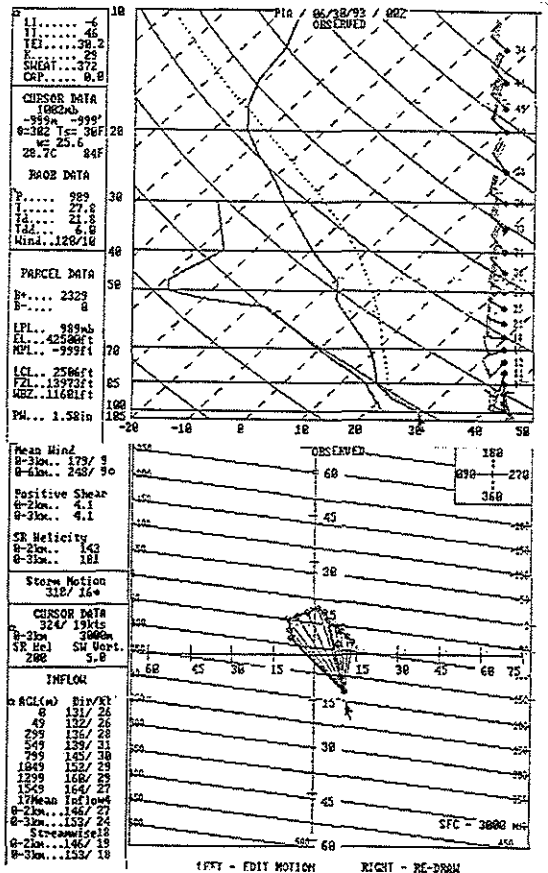
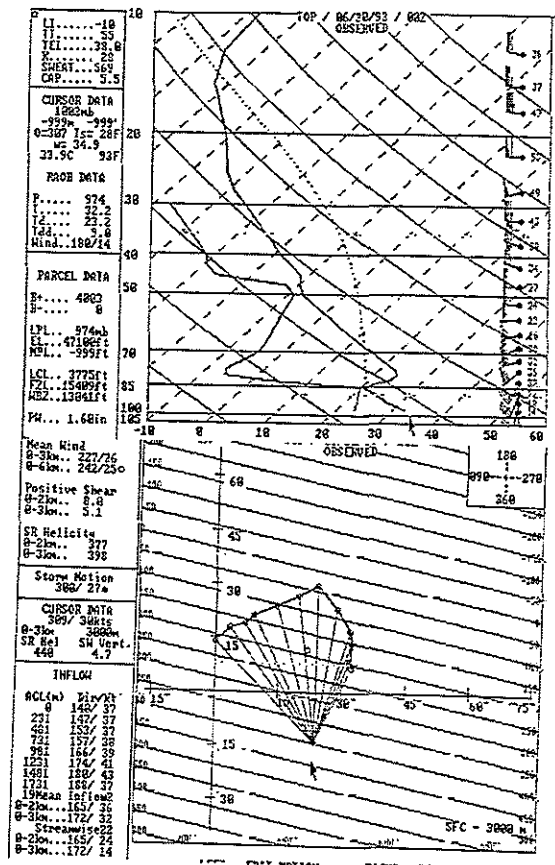
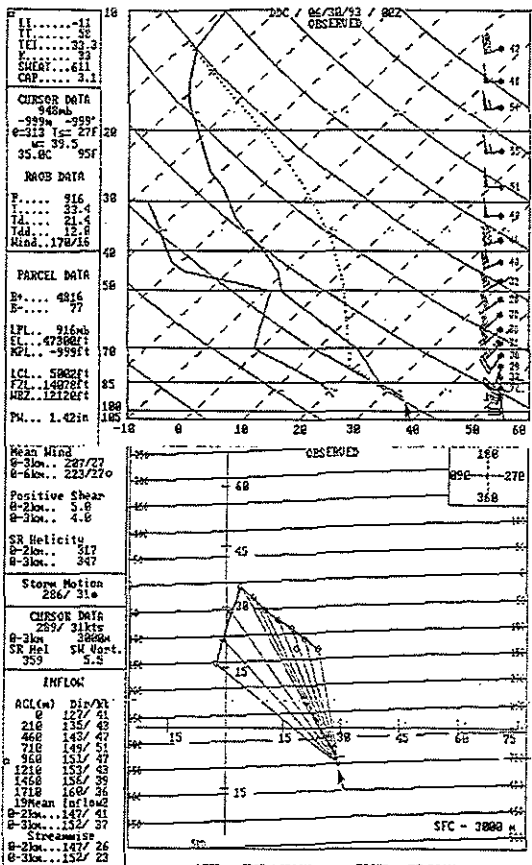
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SIGNIFICANT EVENTS MAP

WEDNESDAY JUNE 30TH, 1993

SIGNIFICANT TORNADO EVENTS

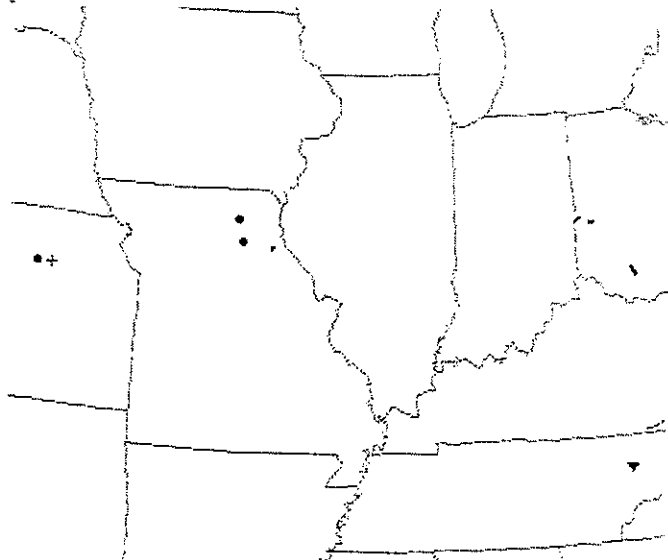
DATE	TIME	TOR	PATH WID	STATE	LOCATION	KIL	INJ	DMG
JUN 30	1231	F-2	5.0 20	OH	DARKE..PALESTINE	-	-	----
JUN 30	1248	F-2	7.0 20	OH	DARKE/MIAMI	-	-	----
JUN 30	1450	F-3	15.0 400	OH	HIGHLAND..BELFAST	-	3	1 M
JUN 30	1830	F-0	2.0 10	TN	HALLS CROSSROADS	-	1	----
JUN 30	2120	F-2	2.5 150	MO	RALLS..HASSARD	-	-	----
5 TOTAL						-	4	1 M

SIGNIFICANT HAIL EVENTS

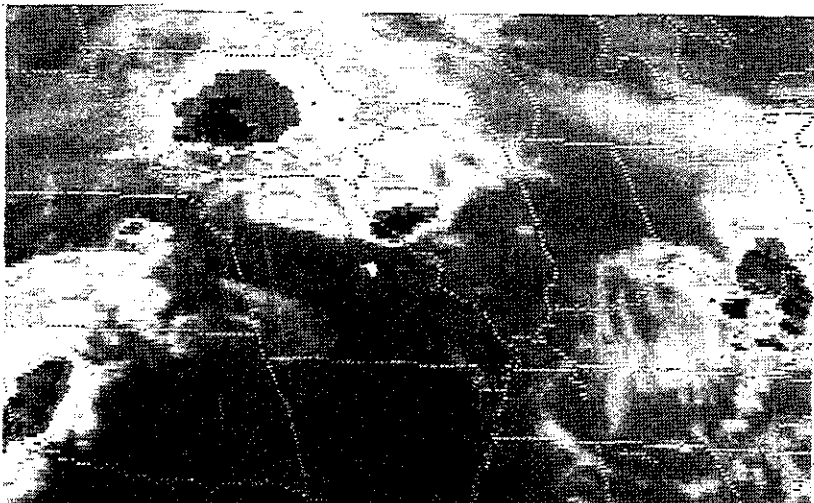
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	INJ	DMG
JUN 30	1627	2.50 INCH	KS	GEARY..MILFORD LAKE	-	----
JUN 30	1900	4.00 INCH	MO	ADAIR..GIBBS	-	----
JUN 30	1935	1.75 INCH	MO	SHELBY..CLARENCE	-	1 M
JUN 30	2150	2.00 INCH	CO	KIOWA..HASWELL	-	----
4 TOTAL					-	1 M

SIGNIFICANT WIND EVENTS

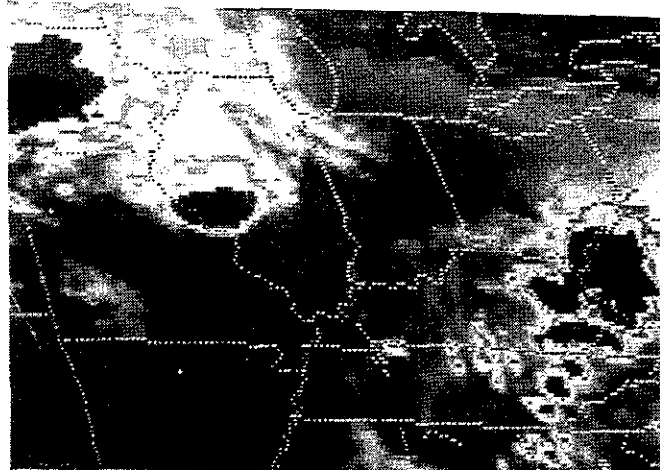
DATE	TIME	EVENT	STATE	COUNTY...LOCATION	KIL	INJ	DMG
JUN 30	1815	75 MPH GUST	KS	RILEY..MANHATTAN	-	-	----
1 TOTAL					-	-	----



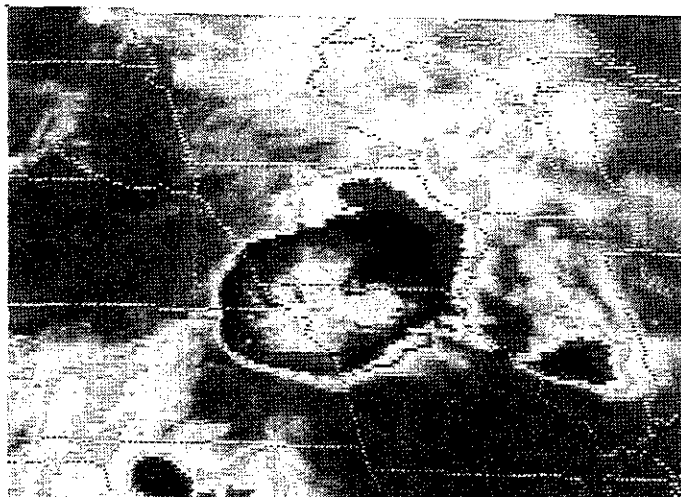
SATELLITE 2230Z 30 JUNE



SATELLITE 00Z 1 JULY

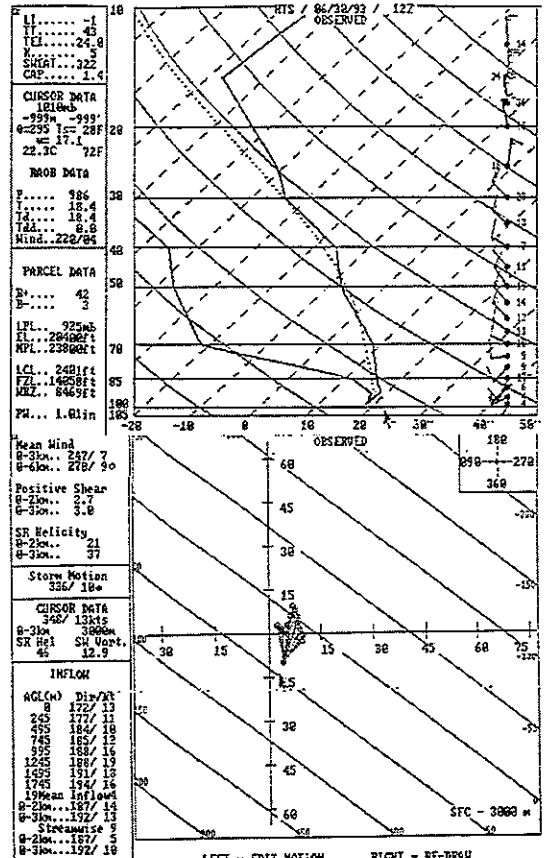
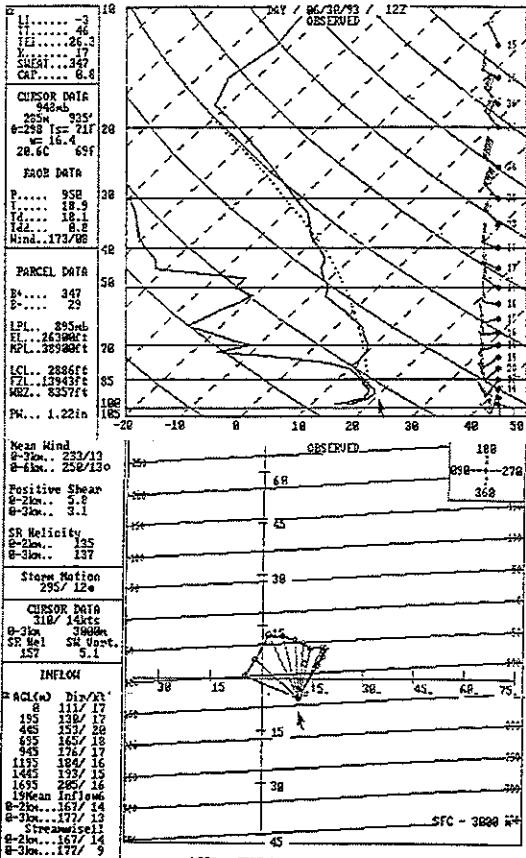
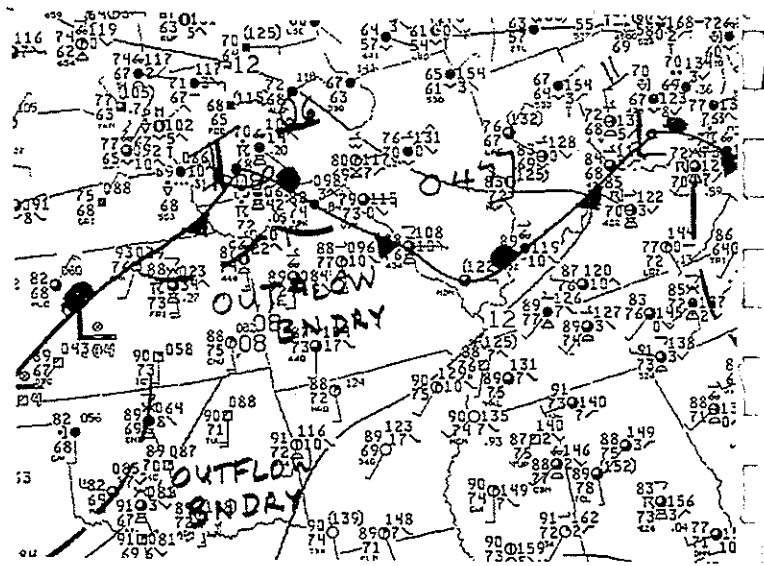
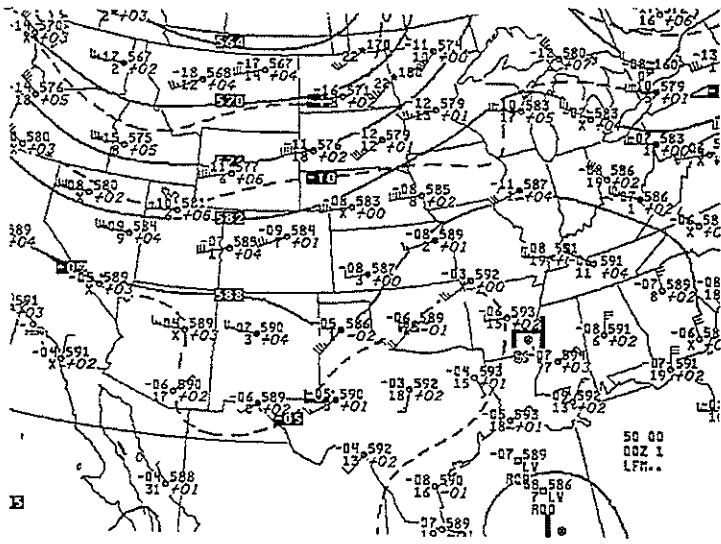


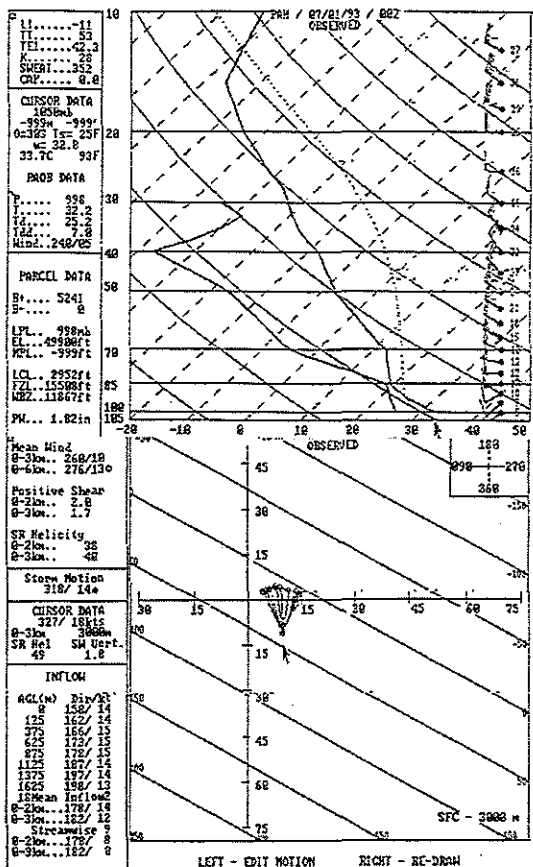
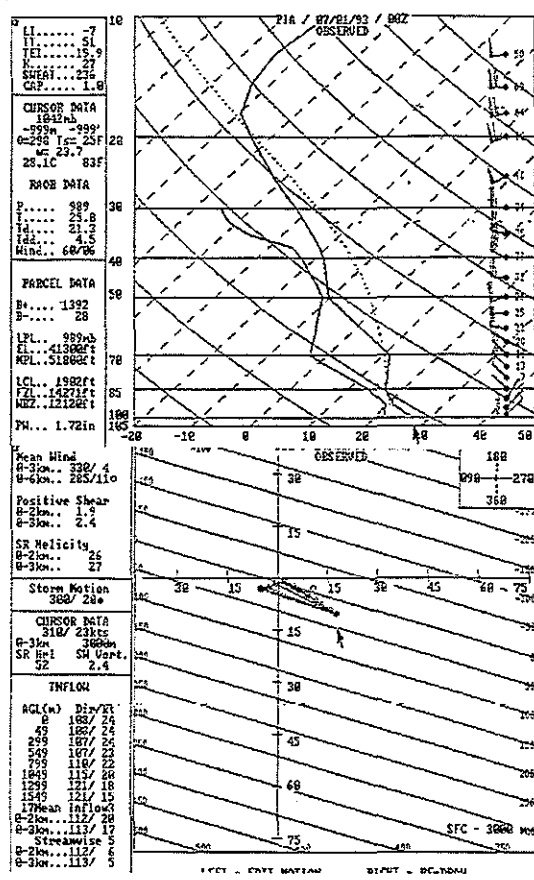
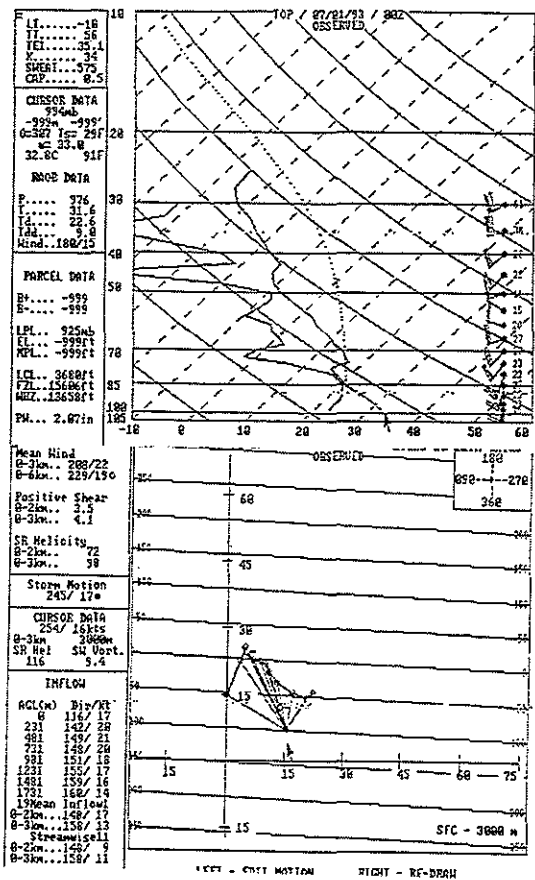
SATELLITE 01Z 1 JULY



500 MB 00Z

SURFACE MAP 00Z







- No. 8 A Minimum Assumption Tornado Hazard Probability Model. Joseph T. Schaefer, Donald L. Kelly, and Robert F. Abbey, May 1985, 30 p., (PB85 20692/AS).
- No. 9 Verification of Severe Local Storm Forecasts Issued by the National Severe Storms Forecast Center: 1984. Preston W. Leftwich, Jr., November 1985, 23 p., (PB86 128105/AS).
- No. 10 Severe Local Storm Warning Verification: 1984. Preston W. Leftwich, Jr. and Leo A. Grenier, December 1985, 14 p., (PB86 148244).
- No. 11 Severe Thunderstorm Cases of 1985. John E. Hales, Jr. and Hugh G. Crowther, February 1986, 51 p., (PB86 164340/AS).
- No. 12 Severe Local Storm Warning Verification Preliminary Procedures. Leo A. Grenier and John T. Halmstad, April 1986, 16 p., (PB86 194362).
- No. 13 Verification of Severe Local Storm Forecasts Issued by the National Severe Storms Forecast Center: 1985. Preston W. Leftwich, Jr., November 1986, 9 p., (PB87 137139/AS).
- No. 14 Severe Local Storm Warning Verification: 1985. Preston W. Leftwich, Jr. and Leo A. Grenier, December 1986, 16 p., (PB87 137147/AS).
- No. 15 An Examination of the National Weather Service Severe Local Storm Warning Program and Proposed Improvements. John E. Hales, Jr., January 1987, 32 p., (PB87 147948/AS).
- No. 16 Severe Thunderstorm Cases of July 1985 through June 1986. John E. Hales, Jr. and Hugh G. Crowther, February 1987, 72 p., (PB87 163911/AS).
- No. 17 Severe Local Storm Warning Verification: 1986. Leo A. Grenier, John T. Halmstad and Preston W. Leftwich, Jr., June 1987, 19 p., (PB87 195939).
- No. 18 Verification of Severe Local Storm Forecasts Issued by the National Severe Storms Forecast Center: 1986. Preston W. Leftwich, Jr., September 1987, 9 p., (PB88 101407).
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- No. 23 Severe Local Storm Warning Verification: 1988. Leo A. Grenier, John T. Halmstad and Preston W. Leftwich, Jr., June 1989, 26 p., (PB89 226310/AS).
- No. 24 Verification of Severe Local Storm Forecasts Issued by the National Severe Storms Forecast Center: 1988. Preston W. Leftwich, Jr., September 1989, 18 p., (PB90-140211/AS).
- No. 25 A Dyad of Papers Concerning Joint Verification of Severe Local Storm Watches and Warnings During Tornado Events: Preston W. Leftwich, Jr. and John E. Hales, Jr., January 1990, 36 p., (PB90-219387/AS).
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- No. 28 Verification of Severe Storms Forecasts Issued by the National Severe Storms Forecast Center: 1989. Preston W. Leftwich, Jr. and Richard W. Anthony, September 1990, 17 p., (PB91-132472/AS)
- No. 29 Severe Thunderstorm Cases of July 1989 thru June 1990: John E. Hales, Jr. and Hugh G. Crowther, April 1991, 131 p., (PB91-201392)
- No. 30 Severe Local Storm Warning Verification: 1990. Leo A. Grenier, John T. Halmstad, May 1991, 32 p., (PB91-227520)
- No. 31 Verification of Severe Local Storm Forecasts Issued By the National Severe Storms Forecast Center: 1990. Preston W. Leftwich, Jr. and Richard W. Anthony, October 1991, 12 p., (PB92-124452/AS)



- No. 32 Severe Thunderstorm Cases of July 1990 thru June 1991: John E. Hales, Jr. and Hugh G. Crowther, February 1992, 159 p., (PB92-158336/AS)
- No. 33 Severe Local Storm Warning Verification: 1991. Leo A. Grenier, John T. Halmstad, April 1992, 28 p., (PB92-185982/AS)
- No. 34 Verification of Severe Local Storm Forecasts Issued By the National Severe Storms Forecast Center: 1991. Richard W. Anthony and Preston W. Leftwich, Jr., May 1992, 12 p., (PB92-186063)
- No. 35 Verification of Severe Local Storms Forecasts Issued By the National Severe Storms Forecast Center: 1992. Richard W. Anthony, June 1993, 14 p., (PB93-216844)
- No. 36 Severe Thunderstorm Cases of July 1991 thru June 1992: John E. Hales, Jr. and Kevin L. Polston, June 1993, 200 p., (PB93-227460)
- No. 37 Severe Local Storm Warning Verification: 1992. Hugh C. Crowther, and John T. Halmstad, May 1993, 27 p., (PB93-227452)
- No. 38 Verification of Severe Local Storms Forecasts Issued By The National Severe Storms Forecast Center: 1993. Richard W. Anthony, May 1994, 20 p.,
- No. 39 Severe Thunderstorm Cases of July 1992 Through June 1993. Kevin L. Polston and John E. Hales, Jr., April 1994, 417 p.

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