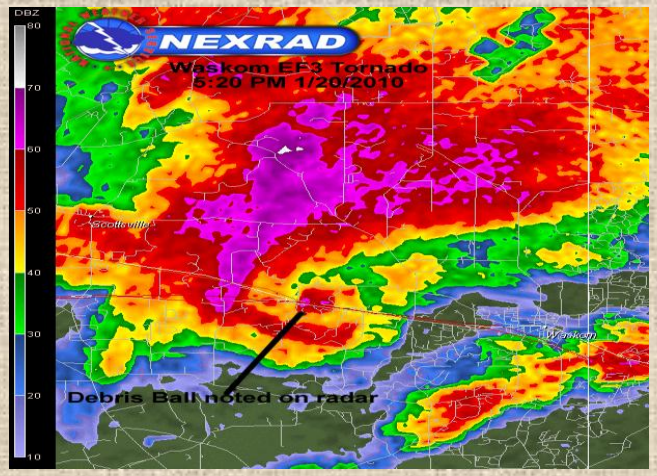
Sponsored by *your* National Weather Service in Shreveport, LA **www.srh.noaa.gov/shv**

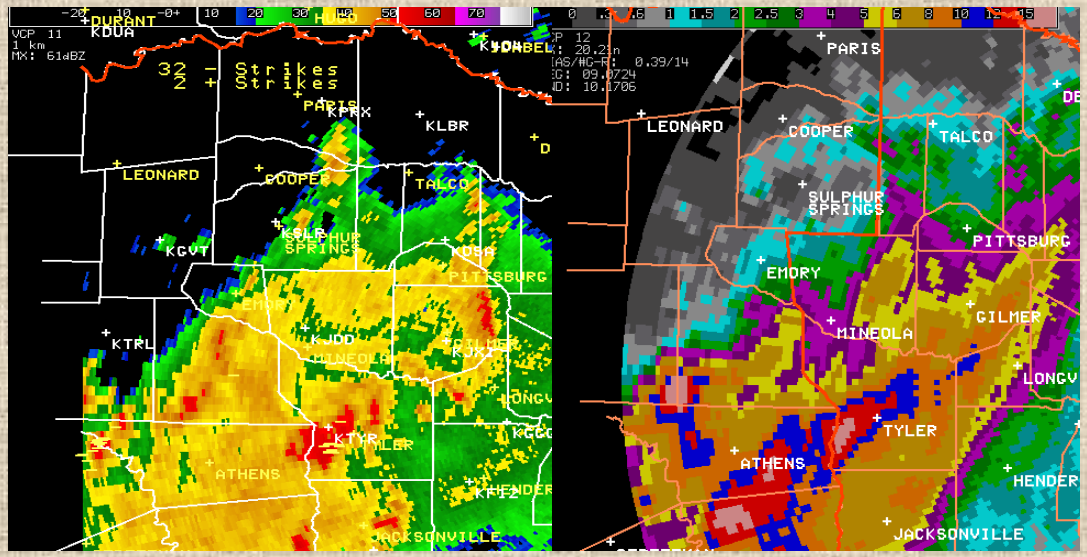
2010 has seen it all weather-wise here in the Ark-La-Tex!!! From tornadoes, flash flooding, and widespread heavy wet snow in the winter/spring, to severe and extreme drought, record heat, and thousands of acres burned by wildfires throughout the summer/early fall months, 2010 will long be remembered as the year of extremes.



Waskom, TX EF-3 Tornado, January 20, 2010

Atlanta, TX Snow, February 12, 2010

Top Weather Highlights of 2010



Stationary thunderstorms that produced 6-10+ inches of rain resulted in significant flash flooding in Tyler, TX on June 10, 2010.

Record heat, severe/extreme drought, and abnormally low afternoon relative humidities during the late summer/early fall resulted in numerous wildfires, such as this wildfire on Lake Bistineau.

National Weather Service Shreveport

January 2011

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475		Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	**1** 56 / 36 0.14 80-1952 / 11-1928 sr 7:17 am ss 5:21 pm New Years Day
2 56 / 36 0.14 78-1965 / 12-1979 sr 7:17 am ss 5:21 pm	**3** 56 / 36 0.14 81-2009 / 12-1911 sr 7:17 am ss 5:22 pm	**4** 56 / 36 0.14 82-1997 / 13-1911 sr 7:17 am ss 5:23 pm New Moon	**5** 56 / 36 0.14 77-1927 / 15-1887 sr 7:17 am ss 5:24 pm	**6** 56 / 36 0.15 80-1956 / 6-1879 sr 7:18 am ss 5:25 pm	**7** 56 / 36 0.15 79-1965 / 14-1967 sr 7:18 am ss 5:25 pm	**8** 56 / 36 0.15 78-1969 / 1-1886 sr 7:18 am ss 5:26 pm
9 55 / 36 0.15 81-1957 / 3-1886 sr 7:18 am ss 5:27 pm	**10** 55 / 36 0.15 79-1935 / 6-1962 sr 7:18 am ss 5:28 pm	**11** 55 / 36 0.15 80-1995 / 5-1982 sr 7:18 am ss 5:29 pm	**12** 55 / 36 0.15 78-2000 / 2-1918 sr 7:17 am ss 5:30 pm First Quarter	**13** 56 / 36 0.15 79-2007 / 11-1918 sr 7:17 am ss 5:30 pm	**14** 56 / 36 0.15 80-1971 / 5-1982 sr 7:17 am ss 5:31 pm	**15** 56 / 36 0.15 80-1952 / 15-1888 sr 7:17 am ss 5:32 pm
16 56/ 36 0.15 81-1943 / 17-1992 sr 7:17 am ss 5:33 pm	**17** 56/ 36 0.15 79-1999 / 11-1930 sr 7:17 am ss 5:34 pm Martin Luther King Jr. Day (Observed)	**18** 56/ 37 0.15 78-2000 / -2-1930 sr 7:16 am ss 5:35 pm	**19** 56/ 37 0.15 80-1982 / 3-1940 sr 7:16 am ss 5:36 pm Full Moon	**20** 56/ 37 0.15 81-1954 / 12-1985 sr 7:16 am ss 5:37 pm	**21** 56/ 37 0.15 81-1911 / 10-1985 sr 7:15 am ss 5:38 pm	**22** 56/ 37 0.15 80-1943/ 8-1930 sr 7:15 am ss 5:39 pm
23 57/ 37 0.15 84-1943 / 14-1963 sr 7:15 am ss 5:40 pm **30** 57/ 37 0.15 84-1971 / 13-1966 sr 7:11 am ss 5:46 pm	**24** 57/ 37 0.15 84-1972 / 9-1963 sr 7:14 am ss 5:41 pm **31** 57/ 37 0.15 83-1911 / 8-1949 sr 7:10 am ss 5:47 pm	**25** 57/ 37 0.15 85-1950 / 14-1894 sr 7:14 am ss 5:42 pm	**26** 57/ 37 0.15 82-1952 / 13-1904 sr 7:13 am ss 5:42 pm Last Quarter	**27** 57/ 37 0.15 82-1975 / 13-1897 sr 7:13 am ss 5:43 pm	**28** 57/ 37 0.15 81-1975 / 15-1963 sr 7:12 am ss 5:44 pm	**29** 57/ 37 0.15 82-1975 / 17-1900 sr 7:12 am ss 5:45 pm

DO YOU ? KNOW

WATCH:

CAUTION!

- Watch out!
- Severe weather possible
- Issued by the Storm Prediction Center

WARNING:

DANGER

- Take action!
- Severe weather indicated
- Issued by the National Weather Service in Shreveport

SEVERE THUNDERSTORMS PRODUCE:

- Winds of 58 MPH or more
- 1 inch diameter hail or larger
- Tornadoes

SEVERE WEATHER SAFETY RULES

TORNADOES AND SEVERE THUNDERSTORMS:

- Think LOW, CENTER, HEAD
  - Get as LOW as possible
  - Get as close to the CENTER of the building as possible
  - Protect your HEAD
- GET OUT of mobile homes and cars
- KNOW the name of your county or parish
- DO NOT take shelter under a highway overpass
- Have a battery-powered way of receiving weather information if the power is out

FLOODING:

- Get HIGH
- Abandon stalled vehicles
  - 6 inches of flowing water can knock a person of their feet!
  - 2 feet of water will float *any* vehicle
- Be careful at night
  - You never know what's under the water

NATIONAL WEATHER SERVICE

National Weather Service Shreveport

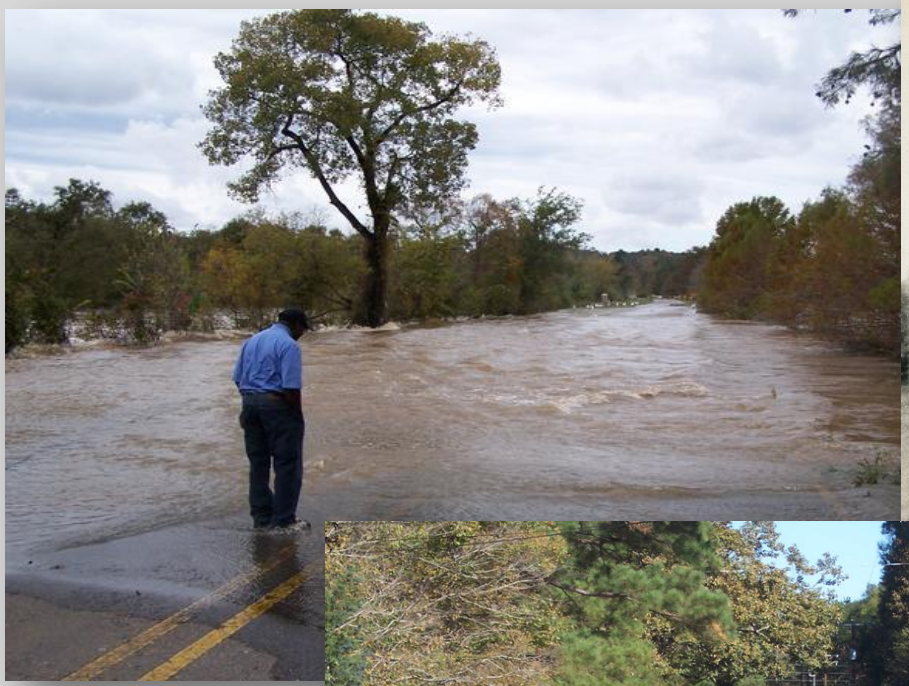
February 2011

WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Day Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	**1** 58 / 38 0.15 82-1989 / 10-1951 sr 7:10 am ss 5:48 pm	**2** 59 / 38 0.15 83-1995 / 2-1951 sr 7:09 am ss 5:49 pm Groundhog Day New Moon	**3** 59 / 38 0.15 79-1911 / 14-1951 sr 7:08 am ss 5:50 pm	**4** 59 / 38 0.15 81-1957 / 14-1996 sr 7:08 am ss 5:51 pm	**5** 59 / 38 0.15 78-2008 / 15-1996 sr 7:07 am ss 5:52 pm
6 60 / 39 0.16 82-1911 / 20-1988 sr 7:06 am ss 5:53 pm	**7** 60 / 39 0.16 82-1950 / 4-1895 sr 7:05 am ss 5:54 pm	**8** 60 / 39 0.16 83-1994 / 6-1895 sr 7:04 am ss 5:55 pm	**9** 61 / 39 0.15 84-1932 / 13-1933 sr 7:04 am ss 5:55 pm	**10** 61 / 39 0.15 83-1954 / 18-1885 sr 7:03 am ss 5:56 pm	**11** 61 / 39 0.15 81-1999 / 13-1899 sr 7:02 am ss 5:57 pm First Quarter	**12** 61 / 40 0.15 82-1962 / -5-1899 (All-Time) sr 7:01 am ss 5:58 pm
13 62 / 40 0.15 82-1962 / -3-1899 sr 7:00 am ss 5:59 pm	**14** 62 / 40 0.15 83-1945 / 11-1905 sr 6:59 am ss 6:00 pm Valentine's Day	**15** 62 / 40 0.15 83-1990 / 21-1905 sr 6:58 am ss 6:01 pm	**16** 62 / 40 0.15 84-1927 / 20-1903 sr 6:57 am ss 6:02 pm	**17** 63 / 41 0.15 84-1986 / 13-1900 sr 6:56 am ss 6:03 pm	**18** 63 / 41 0.15 87-1986 / 12-1910 sr 6:55 am ss 6:03 pm Full Moon	**19** 63 / 41 0.15 84-1986 / 15-1978 sr 6:54 am ss 6:04 pm
20 63 / 41 0.15 89-1986 / 22-1978 sr 6:53 am ss 6:05 pm	**21** 64 / 41 0.15 87-1996 / 19-1978 sr 6:52 am ss 6:03 pm Presidents' Day	**22** 64 / 42 0.15 86-1996 / 12-1978 sr 6:51 am ss 6:07 pm	**23** 64 / 42 0.15 85-1996 / 21-1901 sr 6:50 am ss 6:08 pm	**24** 65 / 42 0.15 85-1918 / 21-1965 sr 6:49 am ss 6:08 pm Last Quarter	**25** 65 / 43 0.15 89-1977 / 21-1965 sr 6:48 am ss 6:09 pm	**26** 65 / 43 0.15 87-1986 / 22-1960 sr 6:46 am ss 6:10 pm
27 65 / 43 0.15 85-1918 / 20-2002 sr 6:45 am ss 6:11 pm	**28** 66 / 43 0.14 89-1932 / 20-2002 sr 6:44 am ss 6:12 pm				NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475

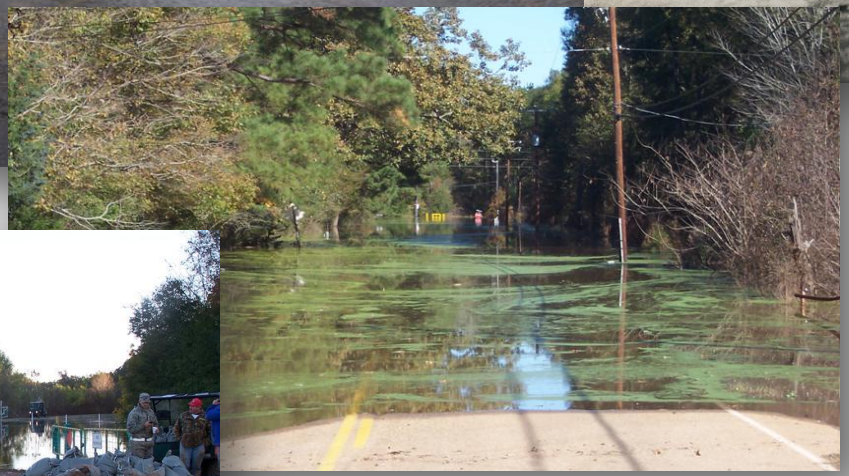
Severe Weather Awareness Week

River Flooding



October 2009 Lake Bistineau Dam at HWY 154 near Ringgold, LA

April 1945 flood of Big Cypress Bayou, Jefferson, TX



October 2009 flood of Wallace Lake, Shreveport, LA

October 2009 flood of Red Chute Bayou near Haughton, LA

Fall 2009 Flooding

Above average rainfall fell across the entire Four State Region during September and October of 2009, causing numerous rivers and lakes across the region to flow out of their banks. Heavy rainfall on October 29 capped off the event, dropping four to 10 inches of rainfall across parts of Deep East Texas, Northwest Louisiana, and Southwest Arkansas. Rainfall totals from the month of October ranged from 14 to 20 inches, where three to five inches is normal. Flooding continued along many of the rivers and lakes through November and December, with a few rivers and lakes remaining in flood even into early 2010.

National Weather Service Shreveport

March 2011

WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	**1** 67 / 43 0.14 85-1972 / 22-1908 sr 6:43 am ss 6:12 pm	**2** 67 / 43 0.14 85-1983 / 20-1976 sr 6:42 am ss 6:13 pm	**3** 67 / 43 0.14 82-1976 / 15-1943 sr 6:41 am ss 6:14 pm	**4** 67 / 43 0.14 86-1938 / 17-2002 sr 6:39 am ss 6:15 pm New Moon	**5** 67 / 44 0.14 87-1918 / 21-1978 sr 6:38 am ss 6:16 pm
6 67 / 45 0.14 86-1991 / 24-1989 sr 6:37 am ss 6:16 pm	**7** 68 / 46 0.14 88-1992 / 21-1943 sr 6:36 am ss 6:17 pm	**8** 68 / 46 0.14 87-1911 / 25-1996 sr 6:35 am ss 6:18 pm	**9** 68 / 46 0.14 90-1911 / 20-1932 sr 6:33 am ss 6:19 pm Ash Wednesday	**10** 68 / 46 0.14 87-1911 / 23-1996 sr 6:32 am ss 6:19 pm	**11** 68 / 47 0.14 90-1911 / 23-1948 sr 6:31 am ss 6:20 pm	**12** 69 / 47 0.13 88-1955 / 20-1948 sr 6:30 am ss 6:21 pm First Quarter
13 69 / 47 0.13 88-1918 / 25-1948 sr 7:28 am ss 7:22 pm Daylight Saving Time begins	**14** 69 / 47 0.13 87-1971 / 22-1993 sr 7:27 am ss 7:22 pm	**15** 69 / 47 0.13 87-1936 / 26-1988 sr 7:26 am ss 7:23 pm	**16** 70 / 48 0.13 86-1908 / 29-1913 sr 7:24 am ss 7:24 pm	**17** 70 / 48 0.13 88-1908 / 27-1892 sr 7:23 am ss 7:24 pm St. Patrick's Day	**18** 70 / 48 0.13 90-1882 / 22-1892 sr 7:22 am ss 7:25 pm	**19** 70 / 48 0.13 89-1882 / 21-1923 sr 7:21 am ss 7:26 pm Full Moon
20 71 / 48 0.13 87-1982 / 22-1965 sr 7:19 am ss 7:27 pm Spring Equinox (6:32 pm)	**21** 71 / 48 0.13 89-1916 / 26-1876 sr 7:18 am ss 7:27 pm	**22** 71 / 49 0.13 90-1995 / 29-1986 sr 7:17 am ss 7:28 pm	**23** 71 / 49 0.13 91-1929 / 30-1968 sr 7:15 am ss 7:29 pm	**24** 71 / 49 0.13 90-1929 / 32-2006 sr 7:14 am ss 7:29 pm	**25** 72 / 49 0.13 89-1928 / 29-1940 sr 7:13 am ss 7:30 pm	**26** 72 / 49 0.13 86-1928 / 25-1955 sr 7:11 am ss 7:31 pm Last Quarter
27 72 / 50 0.13 89-1935 / 27-1955 sr 7:10 am ss 7:31 pm	**28** 72 / 50 0.14 88-1879 / 31-1955 sr 7:09 am ss 7:32 pm	**29** 72 / 50 0.14 89-1875 / 32-1994 sr 7:07 am ss 7:33 pm	**30** 73 / 50 0.14 91-1946 / 30-1961 sr 7:06 am ss 7:34 pm	**31** 73 / 50 0.14 92-1974 / 24-1987 sr 7:05 am ss 7:34 pm	NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475

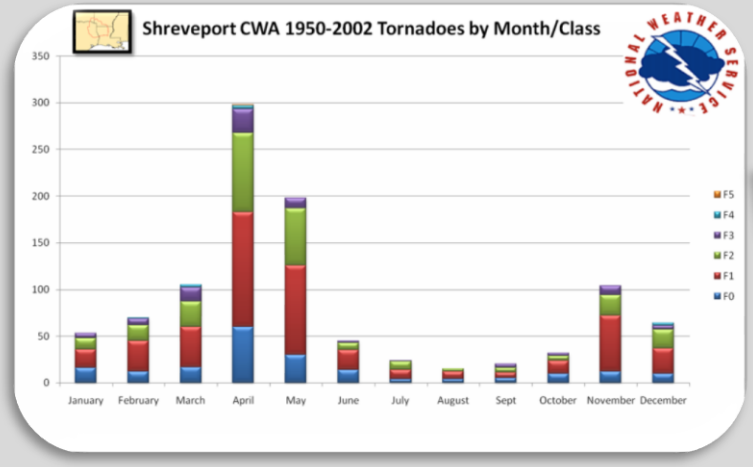
Flood Safety Awareness Week

NATURE'S MOST VIOLENT STORMS

Tornadoes are a common severe weather hazard across the region. A rotating column of air in contact with the ground, tornadoes form in a highly sheared, very unstable airmass. In our area, tornadoes are seen more frequently during the spring. As shown on the graph to the right, they are possible any month of the year.

April 3, 1999 – Benton, LA (F4)

April 9, 2009 -- Tornado damage to a water treatment facility in Howard County, AR (EF3)



A graph showing the distribution of tornadoes and their strengths by month across our region. Note that March and November have a similar number of tornadoes.

December 23, 2009 – Longview, TX (EF2)

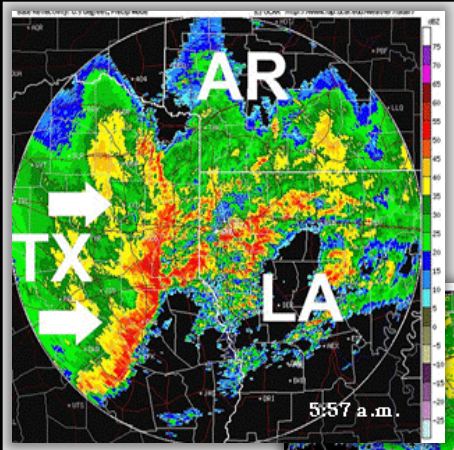
TORNADOES

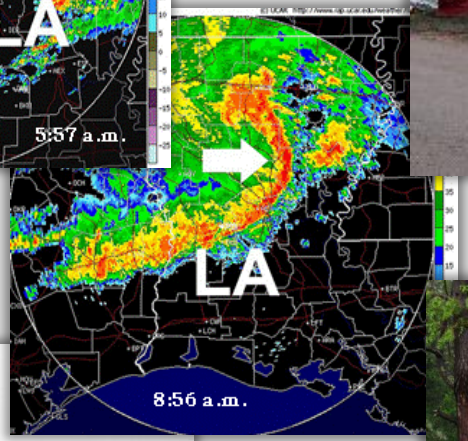
April 2011

National Weather Service Shreveport

WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475			Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	**1** 74 / 51 0.14 88-1882 / 35-2009 sr 7:04 am ss 7:35 pm April Fool's Day	**2** 74 / 51 0.14 88-1918 / 32-1881 sr 7:02 am ss 7:36 pm
3 74 / 51 0.14 88-1989 / 31-1987 sr 7:01 am ss 7:36 pm New Moon	**4** 75 / 51 0.14 92-1980 / 31-1987 sr 7:00 am ss 7:37 pm	**5** 75 / 52 0.14 93-1880 / 31-1987 sr 6:58 am ss 7:38 pm	**6** 75 / 52 0.14 89-1960 / 37-1971 sr 6:57 am ss 7:38 pm	**7** 75 / 52 0.14 93-1930 / 34-2009 sr 6:56 am ss 7:39 pm	**8** 75 / 52 0.14 89-1882 / 36-1938 sr 6:55 am ss 7:40 pm	**9** 75 / 52 0.14 93-1882 / 34-1916 sr 6:53 am ss 7:41 pm
10 75 / 52 0.14 90-1963 / 34-2003 sr 6:52 am ss 7:41 pm	**11** 76 / 52 0.14 88-1948 / 31-1989 sr 6:51 am ss 7:42 pm First Quarter	**12** 76 / 52 0.14 92-1883 / 36-1940 sr 6:50 am ss 7:43 pm	**13** 76 / 52 0.14 92-1936 / 35-1940 sr 6:49 am ss 7:43 pm	**14** 76 / 53 0.15 88-1936 / 35-1928 sr 6:47 am ss 7:44 pm	**15** 77 / 53 0.15 90-1925 / 35-1928 sr 6:46 am ss 7:45 pm	**16** 77 / 53 0.15 92-1920 / 34-1961 sr 6:45 am ss 7:45 pm
17 77 / 53 0.15 91-2006 / 35-1921 sr 6:44 am ss 7:46 pm Full Moon	**18** 77 / 54 0.15 93-2006 / 37-1999 sr 6:43 am ss 7:47 pm	**19** 77 / 55 0.15 93-1987 / 38-1953 sr 6:41 am sr 7:48 pm	**20** 77 / 55 0.15 94-1987 / 39-1978 sr 6:40 am ss 7:48 pm	**21** 77 / 55 0.15 91-1925 / 40-1980 sr 6:39 am ss 7:49 pm	**22** 77 / 55 0.15 89-2009 / 38-1931 sr 6:38 am ss 7:50 pm Earth Day	**23** 78 / 56 0.15 89-1988 / 40-1884 sr 6:37 am ss 7:50 pm
24 78 / 56 0.15 89-1999 / 39-1910 sr 6:36 am ss 7:51 pm Easter Last Quarter	**25** 78 / 56 0.15 88-1925 / 34-1910 sr 6:35 am ss 7:52 pm	**26** 79 / 57 0.16 92-1882 / 41-1910 sr 6:34 am ss 7:53 pm	**27** 79 / 57 0.16 92-1987 / 40-1978 sr 6:33 am ss 7:53 pm	**28** 79 / 57 0.16 92-1887 / 43-1973 sr 6:32 am ss 7:54 pm	**29** 79 / 58 0.16 96-1887 / 45-1997 sr 6:31 am ss 7:55 pm	**30** 80 / 58 0.16 94-1887 / 39-1996 sr 6:30 am ss 7:56 pm



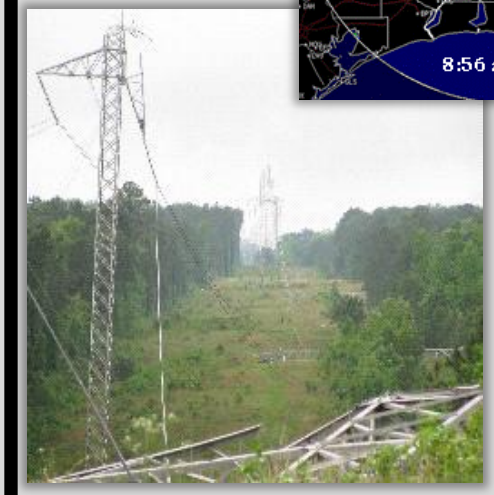


Radar imagery of the derecho on May 3, 2009

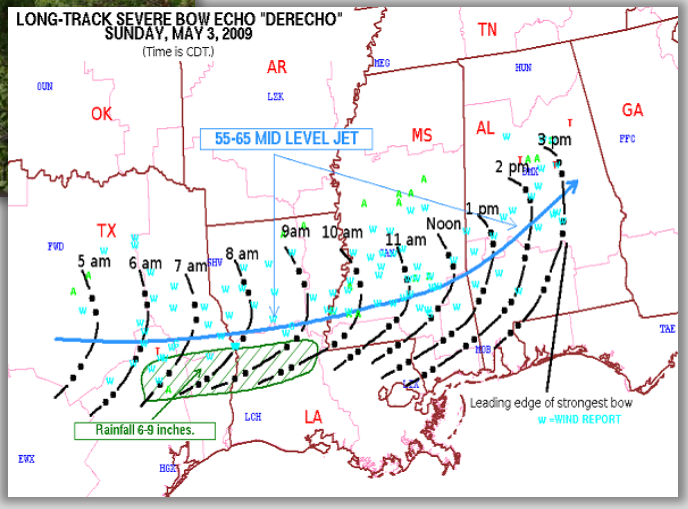
Natchez City Hall, Natchez, LA, after the May 3, 2009 derecho

May 3, 2009 Derecho

A derecho (*from Spanish*: "derecho" meaning "straight") is a widespread and long-lived, violent, convectively-induced straight-line windstorm that is associated with a fast-moving band of severe thunderstorms in the form of a squall line (usually taking the form of a bow echo). On the morning of May 3, 2009, a squall line moved across East Texas and Northern Louisiana, causing widespread wind damage to homes, businesses, and vehicles, injuring five people and killing one.



These powerlines, built to withstand 100 MPH winds, were damaged by the derecho on May 3, 2009



Derechos

NATIONAL WEATHER SERVICE

National Weather Service Shreveport

May 2011

WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 81 / 58 0.16 95-1887 / 42-1903 sr 6:29 am ss 7:56 pm	**2** 81 / 58 0.16 94-1943 / 45-1976 sr 6:28 am ss 7:57 pm	**3** 81 / 58 0.16 92-1943 / 47-1911 sr 6:27 am ss 7:58 pm New Moon	**4** 82 / 59 0.16 94-1947 / 44-1954 sr 6:26 am ss 7:58 pm	**5** 82 / 59 0.16 93-1952 / 44-1978 sr 6:25 am ss 7:59 pm Cinco de Mayo	**6** 82 / 59 0.16 96-1875 / 47-1957 sr 6:24 am ss 8:00 pm	**7** 82 / 61 0.17 94-1875 / 44-1992 sr 6:23 am ss 8:01 pm
8 82 / 61 0.17 94-1875 / 44-1917 sr 6:22 am ss 8:01 pm Mother's Day	**9** 82 / 61 0.17 93-1887 / 46-1923 sr 6:22 am ss 8:02 pm	**10** 82 / 61 0.17 95-1887 / 48-1961 sr 6:21 am ss 8:03 pm First Quarter	**11** 82 / 62 0.17 95-1886 / 45-1981 sr 6:20 am ss 8:03 pm	**12** 82 / 62 0.17 96-1886 / 42-1960 sr 6:19 am ss 8:04 pm	**13** 82 / 63 0.17 94-1886 / 45-1997 sr 6:18 am ss 8:05 pm	**14** 82 / 63 0.17 98-1875 / 46-1971 sr 6:18 am ss 8:06 pm
15 82 / 63 0.17 94-1881 / 46-1907 sr 6:17 am ss 8:06 pm	**16** 83 / 63 0.17 94-1881 / 46-1973 sr 6:16 am ss 8:07 pm	**17** 83 / 63 0.17 93-1881 / 47-1945 sr 6:16 am ss 8:08 pm Full Moon	**18** 83 / 63 0.17 94-1962 / 48-1976 sr 6:15 am ss 8:08 pm	**19** 83 / 64 0.17 94-1875 / 48-1976 sr 6:14 am ss 8:09 pm	**20** 84 / 64 0.17 94-2005 / 49-2002 sr 6:14 am ss 8:10 pm	**21** 84 / 64 0.17 94-1990 / 49-1981 sr 6:13 am ss 8:10 pm
22 84 / 64 0.17 96-1875 / 46-1892 sr 6:13 am ss 8:11 pm	**23** 84 / 65 0.17 97-1886 / 48-1963 sr 6:12 am ss 8:12 pm	**24** 84 / 66 0.17 101-1875 / 54-1963 sr 6:12 am ss 8:12 pm Last Quarter	**25** 85 / 65 0.18 98-1875 / 50-1971 sr 6:11 am ss 8:13 pm	**26** 85 / 65 0.17 99-1887 / 50-1979 sr 6:11 am ss 8:14 pm	**27** 85 / 65 0.17 97-1886 / 47-1961 sr 6:10 am ss 8:14 pm	**28** 85 / 66 0.18 97-1886 / 46-1961 sr 6:10 am ss 8:15 pm
29 86 / 66 0.18 100-1886 / 53-1976 sr 6:10 am ss 8:16 pm	**30** 84 / 66 0.1.8 100-1886 / 49-1984 sr 6:09 am ss 8:16 pm Memorial Day	**31** 86 / 66 0.19 102-1998 / 44-1924 sr 6:09 am ss 8:17 pm		Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475

HAIL

March 10, 2010
Plain Dealing, LA

March 10, 2010
Ashdown, AR

April 1, 2008
Texarkana, TX

February 2008
Bullard, TX

March 10, 2010
Gilmer, TX

April 2000 Hailstorm

On April 23, 2000 (Easter Sunday), severe thunderstorms developed and moved across the region. In addition to several tornadoes, these storms produced very large hail, up to the size of grapefruits! Ironically, tennis ball-sized hail was fell at the National Weather Service office in Shreveport, causing significant damage to some employees' vehicles.

June 2011

National Weather Service Shreveport

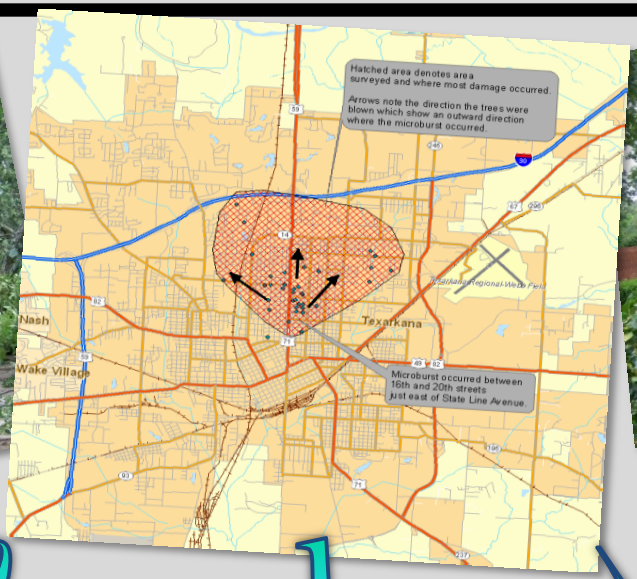
WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	**1** 88 / 67 0.18 102-1998 / 53-1903 sr 6:09 am ss 8:17 pm Hurricane Season Starts New Moon	**2** 88 / 67 0.18 99-1998 / 53-1984 sr 6:09 am ss 8:18 pm	**3** 88 / 67 0.18 103-1875 / 54-1970 sr 6:08 am ss 8:18 pm	**4** 88 / 67 0.18 97-1977 / 56-1970 sr 6:08 am ss 8:19 pm
5 88 / 68 0.18 100-1875 / 55-1969 sr 6:08 am ss 8:20 pm	**6** 88 / 68 0.17 98-1977 / 57-1970 sr 6:08 am ss 8:20 pm	**7** 89 / 68 0.17 99-1911 / 57-1894 sr 6:08 am ss 8:21 pm	**8** 89 / 68 0.17 99-1932 / 52-1977 sr 6:08 am ss 8:21 pm First Quarter	**9** 89 / 68 0.17 100-1911 / 55-1977 sr 6:07 am ss 8:21 pm	**10** 89 / 70 0.17 101-1875 / 55-1877 sr 6:07 am ss 8:22 pm	**11** 89 / 70 0.17 101-1911 / 55-1955 sr 6:07 am ss 8:22 pm
12 89 / 70 0.17 100-1881 / 53-1988 sr 6:07 am ss 8:23 pm	**13** 89 / 70 0.17 100-1998 / 58-1985 sr 6:07 am ss 8:23 pm	**14** 89 / 70 0.17 102-1998 / 58-1903 sr 6:07 am ss 8:24 pm Flag Day	**15** 90 / 70 0.17 102-1875 / 58-1978 sr 6:07 am ss 8:24 pm Full Moon	**16** 90 / 70 0.17 103-1875 / 56-1989 sr 6:08 am ss 8:24 pm	**17** 90 / 71 0.17 102-1881 / 57-1917 sr 6:08 am ss 8:24 pm	**18** 90 / 71 0.17 103-1918 / 60-1917 sr 6:08 am ss 8:25 pm
19 90 / 71 0.17 102-1918 / 61-1945 sr 6:08 am ss 8:25 pm Father's Day	**20** 90 / 71 0.17 104-1936 / 59-1985 sr 6:08 am ss 8:25 pm	**21** 91 / 71 0.17 103-1936 / 56-1976 sr 6:08 am ss 8:25 pm Summer Solstice (12:28 pm)	**22** 91 / 71 0.16 104-1875 / 60-1902 sr 6:09 am ss 8:26 pm	**23** 91 / 71 0.16 102-1875 / 58-1902 sr 6:09 am ss 8:26 pm Last Quarter	**24** 91 / 71 0.16 101-1882 / 62-1974 sr 6:09 am ss 8:26 pm	**25** 91 / 71 0.16 104-1875 / 59-1974 sr 6:09 am ss 8:26 pm
26 91 / 71 0.16 101-1875 / 60-1974 sr 6:10 am ss 8:26 pm	**27** 91 / 72 0.16 102-2009 / 57-1974 sr 6:10 am ss 8:26 pm	**28** 92 / 72 0.16 102-2009 / 58-1974 sr 6:10 am ss 8:26 pm	**29** 92 / 72 0.16 101-1988 / 62-1974 sr 6:11 am ss 8:26 pm	**30** 92 / 72 0.15 102-1917 / 61-1923 sr 6:11 am ss 8:26 pm	NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475

Lightning Safety Awareness Week

Downbursts

May 22, 2008
Texarkana, TX



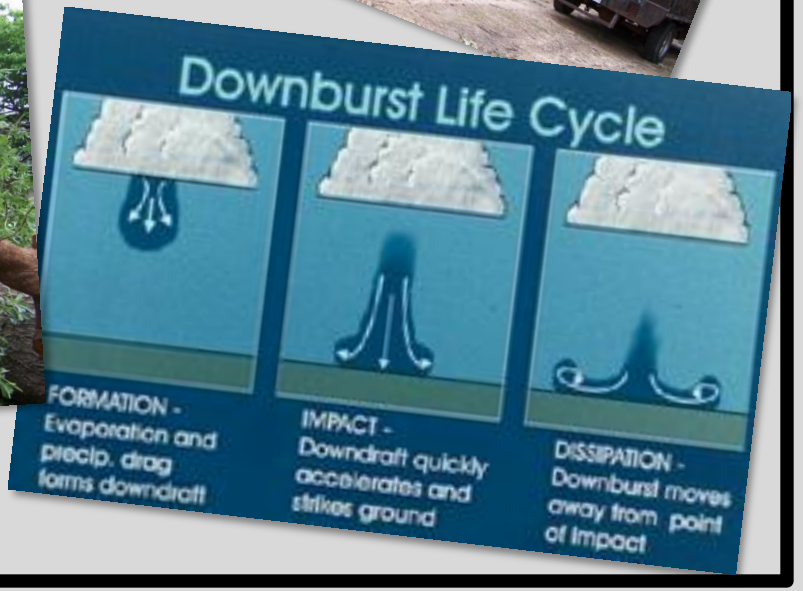
Crews clean up Texarkana, AR after a microburst on May 22, 2008

Cartoon depiction of a downburst

May 22, 2008

A downburst is a column of sinking air that, after hitting ground level, spreads out in all directions and is capable of producing damaging, straight-line winds of over 150 mph. On May 22, 2008, two storms collided over the city of Texarkana, causing the storms to collapse and produce a special type of downburst, called a microburst. The microburst on May 22, 2008 caused widespread damage to trees, homes, and vehicles across a section of northern Texarkana.

May 22, 2008
Texarkana, TX



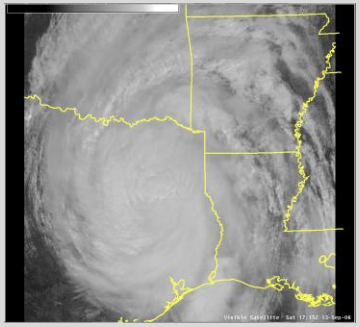
July 2011

National Weather Service Shreveport

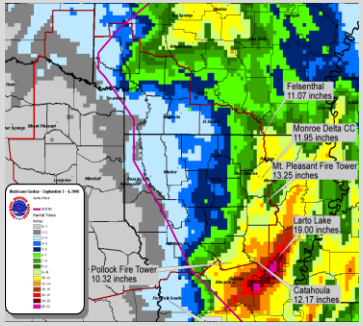
WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475			Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	1 93 / 72 0.15 102-1998 / 60-1950 sr 6:11 am ss 8:26 pm New Moon	2 93 / 72 0.15 102-2009 / 61-1924 sr 6:12 am ss 8:26 pm
3 93 / 72 0.15 103-1969 / 61-1924 sr 6:12 am ss 8:26 pm	4 93 / 73 0.15 102-1875 / 61-1924 sr 6:13 am ss 8:26 pm Independence Day	5 93 / 73 0.15 101-1938 / 62-1968 sr 6:13 am ss 8:26 pm	6 93 / 73 0.15 104-1939 / 59-1972 sr 6:14 am ss 8:26 pm	7 93 / 73 0.14 104-1998 / 58-1972 sr 6:14 am ss 8:26 pm	8 93 / 73 0.14 104-1884 / 65-1983 sr 6:15 am ss 8:26 pm First Quarter	9 93 / 73 0.14 104-1884 / 64-1891 sr 6:15 am ss 8:25 pm
10 93 / 73 0.14 105-1998 / 63-1947 sr 6:16 am ss 8:25 pm	11 93 / 73 0.14 105-1998 / 62-1899 sr 6:16 am ss 8:25 pm	12 93 / 73 0.14 105-1998 / 65-1894 sr 6:17 am ss 8:25 pm	13 93 / 73 0.13 107-1901 / 63-1973 sr 6:17 am ss 8:24 pm	14 93 / 73 0.13 104-1875 / 64-1990 sr 6:18 am ss 8:24 pm	15 93 / 73 0.13 106-1939 / 60-1990 sr 6:19 am ss 8:23 pm Full Moon	16 93 / 73 0.13 107-1875 / 61-1967 sr 6:19 am ss 8:23 pm
17 93 / 74 0.13 107-1875 / 64-1961 sr 6:20 am ss 8:23 pm	18 93 / 74 0.13 106-1875 / 66-1991 sr 6:20 am ss 8:22 pm	19 93 / 74 0.12 104-1875/ 65-1977 sr 6:21 am ss 8:22 pm	20 93 / 74 0.12 101-2000 / 65-1910 sr 6:22 am ss 8:21 pm	21 93 / 74 0.12 103-1963 / 64-1984 sr 6:22 am ss 8:21 pm	22 93 / 74 0.12 105-1881 / 62-1947 sr 6:23 am ss 8:20 pm	23 93 / 74 0.12 102-1998 / 62-1947 sr 6:23 am ss 8:19 pm Last Quarter
24 94/ 74 0.12 106-1954 / 63-1947 sr 6:24 am ss 8:19 pm 31 94/ 74 0.10 107-1998 / 63-1971 sr 6:29 am ss 8:14 pm	25 94 / 74 0.11 103-1954 / 63-1911 sr 6:25 am ss 8:18 pm	26 94 / 74 0.11 103-1925 / 63-1911 sr 6:25 am ss 8:18 pm	27 94 / 74 0.11 103-2008 / 65-1911 sr 6:26 am ss 8:17 pm	28 94 / 74 0.11 103-1998 / 64-1994 sr 6:27 am ss 8:16 pm	29 94 / 74 0.11 105-1930 / 63-1994 sr 6:27 am ss 8:15 pm	30 94 / 74 0.10 105-1998 / 66-1923 sr 6:28 am ss 8:15 pm New Moon

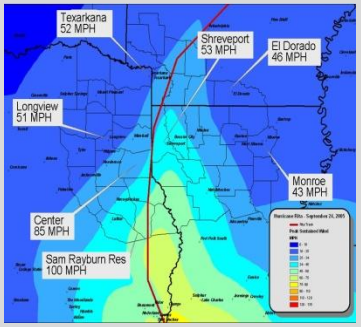
Radar image from Hurricane Rita



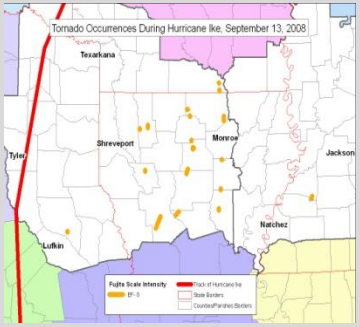
Visible satellite from Hurricane Ike



Rainfall map from Hurricane Gustav

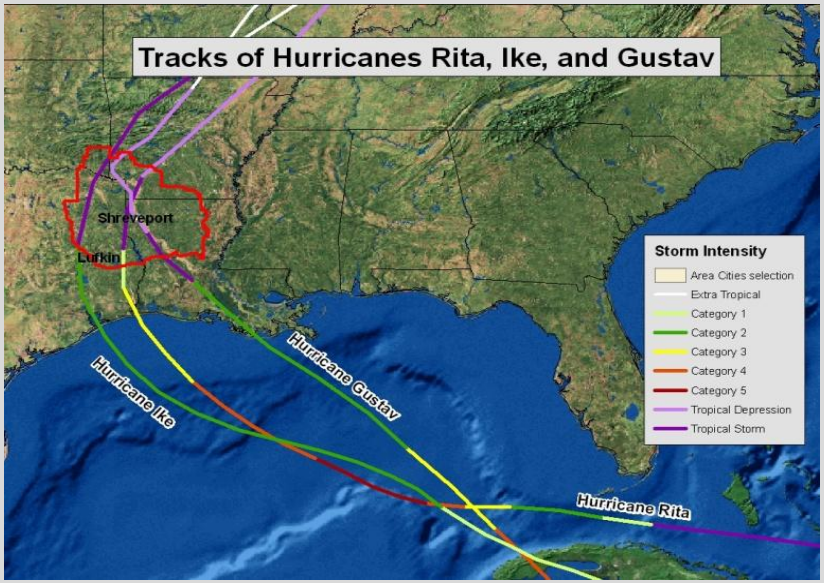


Map of Hurricane Rita's winds



Tornado Tracks from Hurricane Ike

Tropical Cyclones



Ike caused widespread wind damage across Deep East Texas

Rainbands associated with Gustav caused flooding in West Monroe, LA

Most Tropical Cyclones that affect North America develop in these areas

Tropical Triple-Threat

The term "Tropical Cyclone" is an umbrella term that encompasses tropical depressions, tropical storms, and hurricanes. Although our region is not located on the coast, landfalling tropical cyclones present a triple-threat to us: damaging sustained winds, flooding from heavy rainfall, and tornadoes. The most recent tropical cyclones to impact our region were Rita in 2005 and Gustav and Ike in 2008.

August 2011

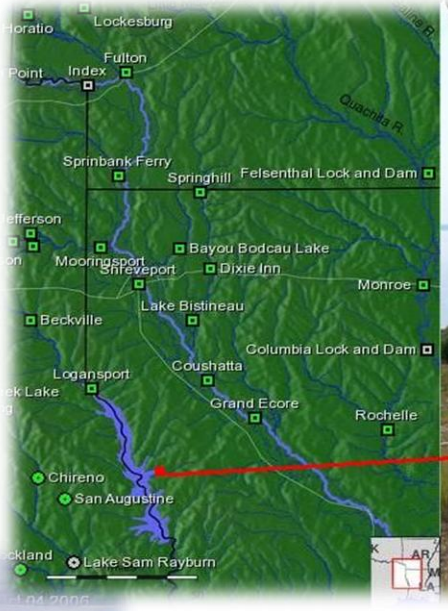
National Weather Service Shreveport

WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	**1** 94 / 74 0.10 107-1998 / 64-1936 sr 6:29 am ss 8:13 pm	**2** 94 / 74 0.10 108-1998 / 63-1925 sr 6:30 am ss 8:12 pm	**3** 94 / 74 0.10 104-2008 / 63-1973 sr 6:31 am ss 8:11 pm	**4** 94 / 74 0.10 105-1897 / 62-1976 sr 6:31 am ss 8:11 pm	**5** 94 / 73 0.09 105-1964 / 58-1880 sr 6:32 am ss 8:10 pm	**6** 94 / 73 0.09 106-1896 / 63-1948 sr 6:33 am ss 8:09 pm First Quarter
7 94 / 73 0.09 106-1947 / 62-1957 sr 6:33 am ss 8:08 pm	**8** 94 / 73 0.09 106-1947 / 60-1990 sr 6:34 am ss 8:07 pm	**9** 94 / 73 0.09 106-1947 / 58-1989 sr 6:35 am ss 8:06 pm	**10** 94 / 73 0.09 109-1936 / 59-1989 sr 6:36 am ss 8:05 pm	**11** 94 / 73 0.09 103-1954 / 61-1989 sr 6:36 am ss 8:04 pm	**12** 94 / 73 0.09 107-1962 / 61-1967 sr 6:37 am ss 8:03 pm Perseids Meteor Shower (Aug 12-14)	**13** 94 / 73 0.09 105-1948 / 59-2004 sr 6:38 am ss 8:02 pm Full Moon
14 94 / 73 0.09 104-2007 / 56-2004 sr 6:38 am ss 8:01 pm	**15** 94 / 73 0.08 105-1881 / 60-2004 sr 6:39 am ss 8:00 pm	**16** 94 / 73 0.08 104-1951 / 59-1992 sr 6:40 am ss 7:59 pm	**17** 94 / 73 0.08 106-1951 / 53-1992 sr 6:40 am ss 7:58 pm	**18** 94 / 73 0.08 110-1909 / 57-1992 (All-Time) sr 6:41 am ss 7:57 pm	**19** 94 / 71 0.08 105-1999 / 61-1879 sr 6:42 am ss 7:56 pm	**20** 94 / 71 0.08 104-1995 / 62-1940 sr 6:42 am ss 7:54 pm
21 93 / 71 0.08 105-1881 / 59-1940 sr 6:43 am ss 7:53 pm Last Quarter	**22** 93 / 71 0.08 104-2005 / 57-1949 sr 6:43 am ss 7:52 pm	**23** 93 / 71 0.08 103-2005 / 58-1949 sr 6:44 am ss 7:51 pm	**24** 92 / 71 0.08 103-1899 / 54-1891 sr 6:45 am ss 7:50 pm	**25** 92 / 71 0.08 103-1881 / 56-1891 sr 6:45 am ss 7:49 pm	**26** 92 / 71 0.08 104-1999 / 57-1891 sr 6:46 am ss 7:49 pm	**27** 92 / 71 0.09 103-1963 / 60-1891 sr 6:47 am ss 7:46 pm
28 92 / 71 0.09 103-1995 / 60-1906 sr 6:47 am ss 7:45 pm New Moon	**29** 92 / 71 0.09 104-1884 / 56-1986 sr 6:48 am ss 7:44 pm	**30** 92 / 71 0.09 107-2000 / 54-1986 sr 6:49 am ss 7:42 pm	**31** 91 / 70 0.09 109-2000 / 59-1915 sr 6:49 am ss 7:41 pm			

Drought of 2005/2006

A drought is an extended period of months or years when a region notes a deficiency in its water supply, which generally occurs when a region receives consistently below average rainfall. A severe and extreme drought developed over much of East Texas during 2005 and lasted through 2006, resulting in low water conditions for most of the region's rivers and lakes. Toledo Bend Reservoir fell to its lowest pool stage ever recorded.



DROUGHT

September 2011

National Weather Service Shreveport

WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475		Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	1 91 / 70 0.09 107-2000 / 57-1915 sr 6:50 am ss 7:40 pm	2 91 / 70 0.09 107-2000 / 57-1967 sr 6:51 am ss 7:39 pm	3 91 / 70 0.09 109-2000 / 57-1974 sr 6:51 am ss 7:37 pm
4 91 / 70 0.09 108-2000 / 54-1974 sr 6:52 am ss 7:36 pm First Quarter	5 91 / 70 0.09 102-1990 / 54-1891 sr 6:52 am ss 7:35 pm Labor Day	6 91 / 69 0.10 102-1947 / 56-1974 sr 6:53 am ss 7:33 pm	7 91 / 68 0.10 105-1925 / 55-1988 sr 6:54 am ss 7:32 pm	8 91 / 68 0.10 102-1925 / 51-1988 sr 6:54 am ss 7:31 pm	9 90 / 68 0.10 102-1925 / 54-1880 sr 6:55 am ss 7:29 pm	10 89 / 68 0.10 102-1980 / 53-1880 sr 6:56 am ss 7:28 pm
11 89 / 68 0.10 100-2010 / 49-1976 sr 6:56 am ss 7:27 pm	12 89 / 68 0.10 102-1980 / 52-1940 sr 6:57 am ss 7:25 pm Full Moon	13 88 / 67 0.10 101-1980 / 50-1902 sr 6:57 am ss 7:24 pm	14 88 / 67 0.10 101-1980 / 50-1902 sr 6:58 am ss 7:23 pm	15 88 / 67 0.11 103-1980 / 52-1902 sr 6:59 am ss 7:21 pm	16 88 / 67 0.11 103-1980 / 47-1881 sr 6:59 am ss 7:20 pm	17 87 / 66 0.11 99-2010 / 49-1903 sr 7:00 am ss 7:19 pm
18 87 / 66 0.11 101-2005 / 50-1981 sr 7:01 am ss 7:17 pm	19 87 / 66 0.11 103-1956 / 43-1981 sr 7:01 am ss 7:16 pm	20 86 / 65 0.11 102-2005 / 48-1981 sr 7:02 am ss 7:15 pm	21 86 / 65 0.11 103-2005 / 46-1918 sr 7:03 am ss 7:13 pm Last Quarter	22 86 / 65 0.12 101-2005 / 43-1983 sr 7:03 am ss 7:12 pm Autumnal Equinox (10:09 pm)	23 86 / 65 0.12 99-2000 / 45-1994 sr 7:04 am ss 7:11 pm	24 85 / 64 0.12 98-1931 / 46-1990 sr 7:04 am ss 7:09 pm
25 85 / 64 0.12 98-1931 / 46-1994 sr 7:05 am ss 7:08 pm	26 84 / 63 0.12 101-2005 / 46-1975 sr 7:06 am ss 7:07 pm	27 83 / 62 0.12 100-1953 / 43-1942 sr 7:06 am ss 7:05 pm	28 83 / 62 0.12 103-1953 / 44-1909 sr 7:07 am ss 7:04 pm New Moon	29 83 / 62 0.12 101-1953 / 42-1967 sr 7:08 am ss 7:03 pm	30 83 / 62 0.13 99-1953 / 42-1984 sr 7:08 am ss 7:01 pm	

HOLE PUNCH CLOUDS

ABOVE: Satellite image from January 29, 2007 showing hole punch clouds across the Ark-La-Tex

A look at the hole punch clouds from the National Weather Service in Shreveport, LA. Also in this picture is a weather balloon (upper left) and our Doppler radar (lower right).

Photo of January 29 hole punch clouds from Palestine, TX

These clouds go by several names: hole punch clouds, punch hole clouds, or fallstreak holes. Whatever you call them, these rare and beautiful clouds are always a source of conversation. Although many theories exist as to why this phenomenon occurs, it's believed that it all starts from supercooled *water* droplets in clouds 15,000-20,000 ft. in the atmosphere. These liquid droplets occur in a delicate balance in such cold temperatures. Exhaust from jets flying through this cloud region essentially upsets this balance, causing ice crystals to grow, evaporate, and form "holes." The smallest ice particles are left in the center of the "hole."

October 2011

National Weather Service Shreveport

WWW.SRH.NOAA.GOV/SHV

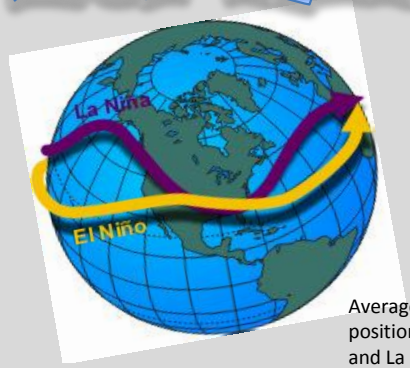
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475		Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	**1** 83 / 61 0.13 99-1938 / 40-1984 sr 7:09 am ss 7:00 pm
2 83 / 60 0.13 96-1989 / 41-1984 sr 7:10 am ss 6:59 pm	**3** 83 / 60 0.13 94-1954 / 43-1975 sr 7:10 am ss 6:58 pm First Quarter	**4** 82 / 59 0.13 97-2002 / 41-1987 sr 7:11 am ss 6:56 pm	**5** 82 / 59 0.13 95-2006 / 42-1979 sr 7:12 am ss 6:55 pm	**6** 82 / 59 0.13 97-1954 / 39-1985 sr 7:12 am ss 6:54 pm	**7** 82 / 59 0.14 93-2007 / 41-1891 sr 7:13 am ss 6:52 pm	**8** 81 / 58 0.14 93-2010 / 35-1952 sr 7:14 am ss 6:51 pm
9 81 / 58 0.14 94-1931 / 36-1917 sr 7:14 am ss 6:50 pm	**10** 81 / 58 0.14 93-1975 / 38-2000 sr 7:15 am ss 6:49 pm Columbus Day	**11** 80 / 57 0.14 94-1975 / 40-2000 sr 7:16 am ss 6:47 pm Full Moon	**12** 80 / 57 0.14 93-1963 / 39-1977 sr 7:17 am ss 6:46 pm	**13** 79 / 56 0.14 92-1963 / 34-1977 sr 7:17 am ss 6:45 pm	**14** 79 / 56 0.14 92-1881 / 37-1977 sr 7:18 am ss 6:44 pm	**15** 79 / 56 0.14 91-1947 / 38-1937 sr 7:19 am ss 6:43 pm
16 78 / 55 0.15 90-1984 / 37-1977 sr 7:20 am ss 6:41 pm	**17** 78 / 55 0.15 93-1972 / 34-1977 sr 7:20 am ss 6:40 pm	**18** 78 / 55 0.15 91-2007 / 37-1978 sr 7:21 am ss 6:39 pm	**19** 77 / 54 0.15 94-1921 / 32-1989 sr 7:22 am ss 6:38 pm Last Quarter	**20** 77 / 53 0.15 91-1941 / 29-1989 sr 7:23 am ss 6:37 pm	**21** 77 / 53 0.15 91-1941 / 31-1976 sr 7:23 am ss 6:36 pm	**22** 76 / 52 0.15 94-1939 / 38-1911 sr 7:24 am ss 6:35 pm
23 76 / 52 0.15 92-1939 / 35-1952 sr 7:25 am ss 6:34 pm **30** 73 / 50 0.15 90-1937 / 29-1917 sr 7:31 am ss 6:27 pm	**24** 75 / 51 0.15 89-1893 / 35-1917 sr 7:26 am ss 6:33 pm **31** 73 / 49 0.16 88-1972 / 28-1993 sr 7:31 am ss 6:26 pm Halloween	**25** 75 / 51 0.15 90-1931 / 33-1980 sr 7:26 am ss 6:32 pm	**26** 75 / 51 0.15 89-1934 / 35-1898 sr 7:27 am ss 6:31 pm New Moon	**27** 74 / 51 0.15 89-2010 / 33-1957 sr 7:28 am ss 6:30 pm	**28** 74 / 50 0.15 87-1991 / 31-1957 sr 7:29 am ss 6:29 pm	**29** 73 / 50 0.15 90-1937 / 31-1952 sr 7:30 am ss 6:28 pm

El Niño and La Niña

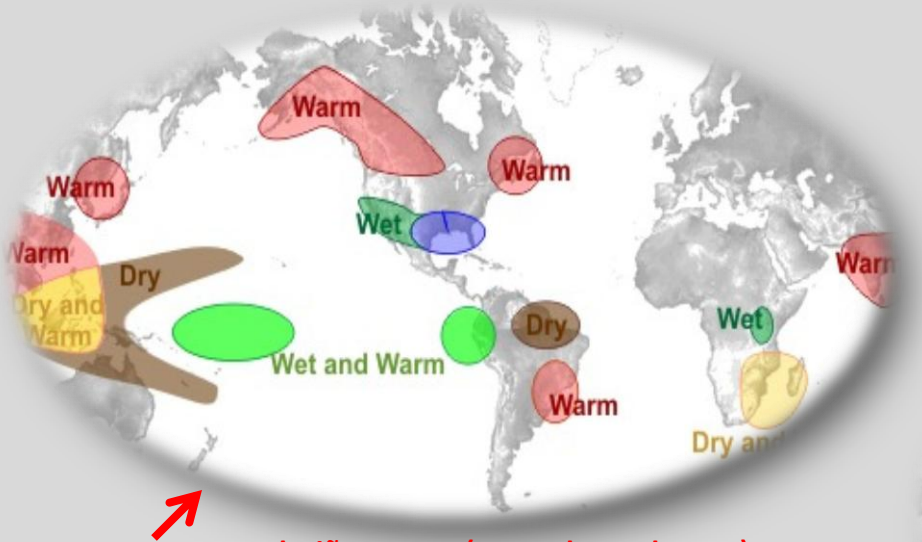
Are we in an El Niño or La Niña pattern? These are common questions heard every year across our part of the country. The answer is determined by the location of a region of warm water in the Pacific Ocean. It might be hard to believe, but this seemingly simple thing can have profound effects on weather conditions across the United States.

During an El Niño phase, the "pool" of warm water along the equator shifts eastward. This causes a dip in the jet stream across the eastern Pacific. The stronger the El Niño, the farther east in the Pacific the dip occurs. On the other hand, during a La Niña, the warmest water shifts west. This results in the dip in the jet stream to also shift west of its normal position.

The illustrations on this page show some of the expected effects during El Niño or La Niña patterns. Most of the impacts will be felt during the winter months. In most cases, look for wetter and cooler conditions during El Niño periods and drier and warmer conditions during La Niña periods.

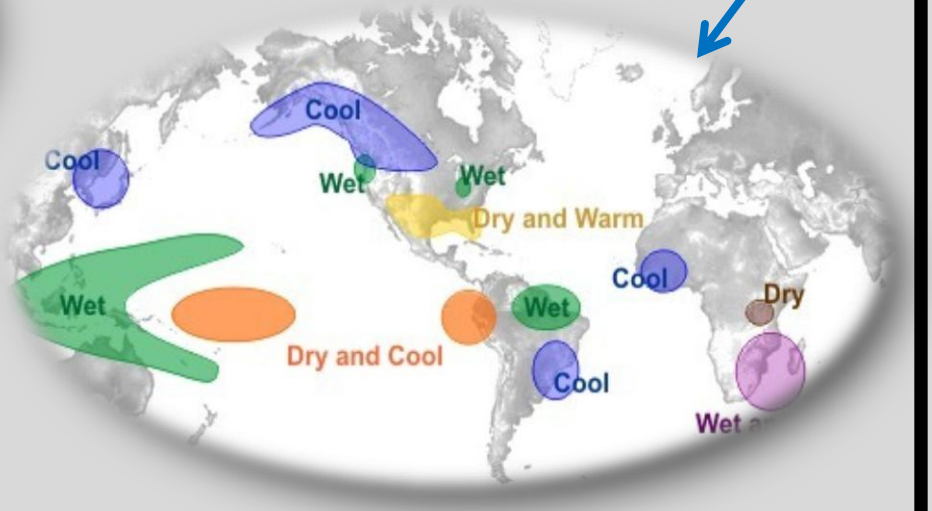


Average jet stream position during El Niño and La Niña periods



Average El Niño Impact (December-February)

Average La Niña Impact (December-February)



Much of the information on this page was courtesy of the National Weather Service in Lubbock, TX

November 2011

National Weather Service Shreveport

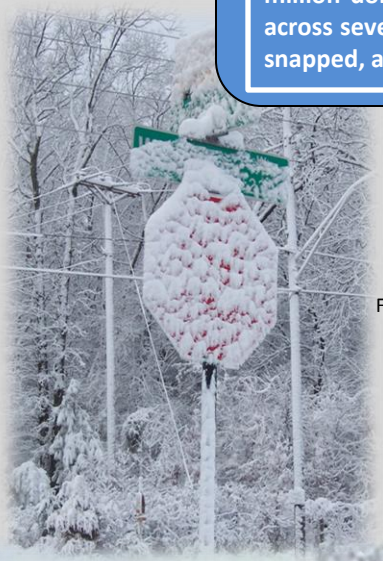
WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	**1** 73 / 49 0.15 88-1984 / 27-1993 sr 7:32 am ss 6:25 pm	**2** 73 / 49 0.15 86-1936 / 26-1951 sr 7:33 am ss 6:24 pm First Quarter	**3** 72 / 49 0.15 85-1994 / 22-1951 sr 7:34 am ss 6:23 pm	**4** 71 / 49 0.16 86-1948 / 23-1991 sr 7:35 am ss 6:22 pm	**5** 70 / 49 0.16 85-1891 / 24-1991 sr 7:36 am ss 6:21 pm
6 70 / 49 0.16 86-1989 / 29-1959 sr 6:37 am ss 5:21 pm Daylight Saving Time Ends	**7** 70 / 49 0.16 84-2005 / 24-1993 sr 6:37 am ss 5:20 pm	**8** 69 / 48 0.16 87-1989 / 28-1959 sr 6:38 am ss 5:19 pm Election Day	**9** 69 / 47 0.16 85-1994 / 23-1991 sr 6:39 am ss 5:18 pm	**10** 69 / 47 0.16 86-2006 / 28-1991 sr 6:40 am ss 5:18 pm Full Moon	**11** 68 / 46 0.16 86-1896 / 25-1950 sr 6:41 am ss 5:17 pm Veteran's Day	**12** 68 / 46 0.16 88-1955 / 27-1907 sr 6:42 am ss 5:16 pm
13 68 / 46 0.16 87-1955 / 24-1907 sr 6:43 am ss 5:16 pm	**14** 67 / 45 0.16 85-1989 / 24-1940 sr 6:44 am ss 5:15 pm	**15** 67 / 45 0.16 85-1921 / 23-1940 sr 6:45 am ss 5:15 pm	**16** 66 / 45 0.16 87-1921 / 24-1932 sr 6:45 am ss 5:14 pm	**17** 66 / 45 0.16 84-1958 / 25-1880 sr 6:46 am ss 5:14 pm Leonids Meteor Shower (Nov 17-18)	**18** 66 / 44 0.16 83-1985 / 18-1880 sr 6:47 am ss 5:13 pm Last Quarter	**19** 65 / 44 0.16 83-1985 / 20-1903 sr 6:48 am ss 5:13 pm
20 65 / 44 0.16 84-1875 / 24-1937 sr 6:49 am ss 5:12 pm	**21** 65 / 43 0.16 83-1967 / 26-1937 sr 6:50 am ss 5:12 pm	**22** 64 / 43 0.15 83-1900 / 25-1898 sr 6:51 am ss 5:11 pm	**23** 64 / 43 0.15 84-1973 / 24-1975 sr 6:52 am ss 5:11 pm	**24** 64 / 43 0.15 84-1973/ 26-1970 sr 6:52 am ss 5:11 pm Thanksgiving Day	**25** 64 / 42 0.15 83-1967 / 23-1950 sr 6:53 am ss 5:10 pm New Moon	**26** 63 / 42 0.15 85-1965 / 26-1975 sr 6:54 am ss 5:10 pm
27 62 / 42 0.15 82-1994 / 22-1953 sr 6:55 am ss 5:10 pm	**28** 62 / 42 0.15 85-1949 / 23-1992 sr 6:56 am ss 5:10 pm	**29** 62 / 42 0.15 80-1949 / 16-1976 sr 6:57 am ss 5:10 pm Hurricane Season Ends	**30** 62 / 41 0.15 80-1950 / 19-1877 sr 6:58 am ss 5:10 pm	NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475	

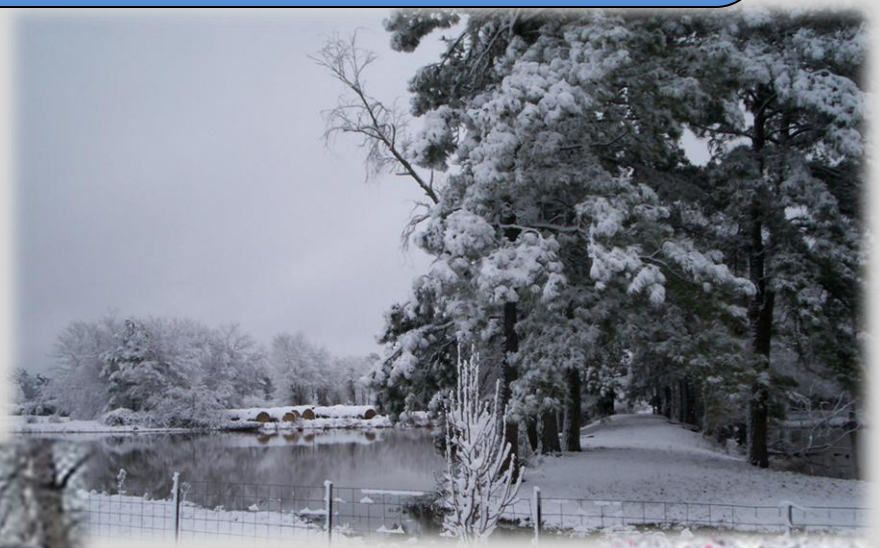
WINTER WEATHER

December 2000 Ice Storm

On December 12th-13th, portions of extreme southeast Oklahoma, east Texas, southwest Arkansas, and northwest Louisiana were struck by a major ice storm that caused an estimated total of 510.14 million dollars worth of damage across the region. With ice accumulations as much as four inches across several counties, the region was left with many roads impassable, large branches broken, trees snapped, and power lines down.



February 12, 2010 Snow
Shreveport, LA



February 12, 2010 Snow
Beckville, TX

December 13, 2000 Ice Storm

National Weather Service Shreveport

December 2011

WWW.SRH.NOAA.GOV/SHV

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	NOAA WEATHER RADIO CAN BE FOUND AT THE FOLLOWING FREQUENCIES: Broken Bow 162.450 Center 162.525 El Dorado 162.525 Gilmer 162.425 Lufkin 162.550	NOAA WEATHER RADIO FREQUENCIES: Marietta 162.525 Monroe 162.550 Natchitoches 162.500 Shreveport 162.400 Texarkana 162.550 Tyler 162.475	Normals: Hi / Lo Pcpn Hi-Yr / Lo-Yr Shreveport Records sunrise sunset	1 62 / 41 0.15 80-1950 / 22-1877 sr 6:59 am ss 5:09 pm	2 61 / 41 0.15 79-1950 / 25-1960 sr 6:59 am ss 5:09 pm First Quarter	3 61 / 41 0.15 84-2007 / 21-1929 sr 7:00 am ss 5:09 pm
4 61 / 40 0.15 80-1977 / 19-1897 sr 7:01 am ss 5:09 pm	5 61 / 40 0.15 82-1956 / 20-2009 sr 7:02 am ss 5:09 pm	6 61 / 40 0.15 81-1998 / 17-1950 sr 7:03 am ss 5:09 pm	7 61 / 40 0.15 83-1939 / 14-1950 sr 7:03 am ss 5:09 pm	8 60 / 39 0.15 83-1922 / 19-1927 sr 7:04 am ss 5:10 pm	9 60 / 39 0.15 80-2007 / 18-1917 sr 7:05 am ss 5:10 pm	10 59 / 39 0.15 78-1939 / 17-1978 sr 7:06 am ss 5:10 pm Lunar Eclipse Visible Full Moon
11 59 / 39 0.15 79-2007 / 20-1898 sr 7:06 am ss 5:10 pm	12 59 / 39 0.15 80-1973 / 17-1962 sr 7:07 am ss 5:10 pm	13 59 / 39 0.15 82-1948 / 16-1962 sr 7:08 am ss 5:11 pm Geminids Meteor Shower (Dec 13-14)	14 59 / 38 0.15 81-1975 / 18-1985 sr 7:09 am ss 5:11 pm	15 58 / 38 0.15 78-1984 / 16-1901 sr 7:09 am ss 5:11 pm	16 58 / 38 0.15 81-1924 / 15-1989 sr 7:10 am ss 5:12 pm	17 58 / 38 0.15 79-1984 / 19-1901 sr 7:10 am ss 5:12 pm Last Quarter
18 58 / 38 0.15 80-1980 / 16-1979 sr 7:11 am ss 5:12 pm	19 58 / 38 0.15 80-1977 / 15-1929 sr 7:12 am ss 5:13 pm	20 57 / 38 0.15 80-1967 / 14-1901 sr 7:12 am ss 5:13 pm	21 57 / 38 0.14 78-1889 / 18-1973 sr 7:13 am ss 5:14 pm Winter Solstice (5:38 pm)	22 57 / 37 0.14 79-1981 / 10-1989 sr 7:13 am ss 5:14 pm	23 57 / 37 0.14 80-1964 / 5-1989 sr 7:14 am ss 5:15 pm	24 57 / 37 0.14 84-1955 / 8-1989 sr 7:14 am ss 5:15pm Christmas Eve New Moon
25 57 / 37 0.14 83-1964 / 6-1983 sr 7:15 am ss 5:16 pm Christmas Day	26 57 / 37 0.14 79-1942 / 14-1983 sr 7:15 am ss 5:16 pm	27 56 / 36 0.14 77-2005 / 18-1892 sr 7:15 am ss 5:17 pm	28 56 / 36 0.14 78-1907 / 11-1984 sr 7:16 am ss 5:18 pm	29 56 / 36 0.14 80-1984 / 10-1880 sr 7:16 am ss 5:18 pm	30 56 / 36 0.14 83-1951 / 10-1983 sr 7:16 am ss 5:19 pm	31 56 / 36 0.15 81-1964 / 12-1983 sr 7:17 am ss 5:20 pm New Year's Eve