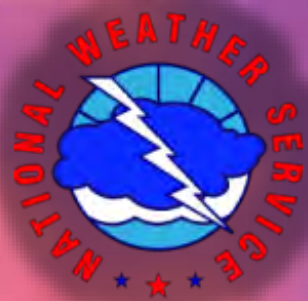




The 2021 Tyler, TX Weather Calendar



National
Weather
Service

Sponsored by your National Weather Service in Shreveport, LA

www.weather.gov/shv

The Shreveport National Weather Service

County Warning and Forecast Area



The National Weather Service Weather Forecast Office in Shreveport has forecast and warning responsibility for a total of 48 counties and parishes over the four state area of Southeast Oklahoma, Southwest Arkansas, East Texas, and North & Central Louisiana.



The Shreveport National Weather Service Office



Weather observers began taking observations in 1871. By 1891, Shreveport became an official U.S. Weather Bureau Office in downtown Shreveport, and by 1940 the Weather Bureau was transferred to the Department of Commerce. Through the years, the Weather Service has gone from one daily surface weather map, to hourly weather observations, twice daily upper air observations, radar and satellite observations, and computer models. The National Weather Service in Shreveport is now located on Hollywood Avenue in Shreveport, LA, which is the 14th location in 140+ years of operation. Doppler Radar and the Upper-Air equipment are collocated with the office. Being on the fringe of tornado alley, the National Weather Service in Shreveport has been at the forefront of service to the public, and this will continue as new, cutting-edge technology becomes integrated into the forecast and warning process. We are constantly working with our partners to build a more resilient and Weather Ready Nation.



January 06, 2017 Winter Weather

An arctic air mass began to spill southward across the region during the morning hours on January 6th. An upper level disturbance then moved across the Red River Valley resulting in the development of light snow across much of SE Oklahoma, Extreme NE Texas, and SW Arkansas. Accumulating snow amounts ranged from around 0.5 inches or less across portions of Northeast Texas to between 1-2 inches across SE Oklahoma and SW Arkansas. A separate area of weak overrunning of warmer air atop the arctic cold front resulted in areas of sleet mixed with light freezing rain and light snow over portions of Deep East Texas...Northcentral, Northeast, and Central Louisiana. Freezing rain accumulations were less than one tenth of an inch and sleet accumulations were generally less than one-quarter inch. These light snow and ice accumulations resulted in hazardous travel conditions.



January 6, 2017 Snow
Nashville, AR
(photo courtesy of Susan Wright via KTAL Facebook)



January 6, 2017 Sleet
Hemphill, TX
(photo courtesy of Drew White via KTRE Facebook)



January 6, 2017 Sleet
Monroe, LA



January 6, 2017 Snow
Horatio, AR
(photo courtesy of Leah Nicole via KDQN Facebook)

January 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	January Rainfall Avg. .17"/8 days driest 0.02" / in 2003 wettest 1.32/1899			Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX.	1 56 / 37 80-2006 12-1899 sr 7:23 AM ss 5:27 PM  New Year's Day	2 56 / 37 85-2006 12-1899 sr 7:23 AM ss 5:28 PM
3 56 / 37 80-2009 16-2002 sr 7:23 AM ss 5:29 PM	4 56 / 37 75-2005 11-1947 sr 7:23 AM ss 5:30 PM	5 56 / 37 74-2008 16-1942 sr 7:23 AM ss 5:31 PM	6 56 / 37 78-1895 15-2014 sr 7:23 AM ss 5:31 PM  Last Quarter	7 56 / 37 77-2008 15-2017 sr 7:23 AM ss 5:32 PM	8 56 / 37 76-2006 13-1942 sr 7:23 AM ss 5:33 PM	9 56 / 37 79-1949 13-2010 sr 7:23 AM ss 5:34 PM
10 56 / 37 77-2017 15-2010 sr 7:23 AM ss 5:35 PM	11 56 / 37 78-2017 20-2010 sr 7:23 AM ss 5:36 PM	12 56 / 37 80-2017 22-2018 sr 7:23 AM ss 5:36 PM	13 56 / 37 76-2017 15-1895 sr 7:23 AM ss 5:37 PM  New	14 56 / 37 74-1953 18-1905 sr 7:23 AM ss 5:38 PM	15 56 / 37 78-1950 13-1944 sr 7:23 AM ss 5:39 PM	16 56 / 37 79-1943 16-2018 sr 7:22 AM ss 5:40 PM
17 56 / 37 79-1952 10-2018 sr 7:22 AM ss 5:41 PM	18 56 / 37 77-2000 12-1943 sr 7:22 AM ss 5:42 PM  Martin Luther King Jr. Day	19 56 / 37 79-1952 7-1943 sr 7:22 AM ss 5:43 PM	20 56 / 37 79-1954 14-1943 sr 7:21 AM ss 5:44 PM  First	21 56 / 37 77-1999 19-2011 sr 7:21 AM ss 5:45 PM	22 56 / 37 80-1943 13-1954 sr 7:21 AM ss 5:46 PM	23 56 / 37 84-1943 19-1948 sr 7:20 AM ss 5:47 PM  National Pie Day
24 56 / 37 80-1950 15-1948 sr 7:20 AM ss 5:47 PM	25 57 / 37 83-1950 19-1905 sr 7:19 AM ss 5:48 PM	26 57 / 37 77-1953 12-1904 sr 7:19 AM ss 5:49 PM	27 57 / 37 80-1947 13-1904 sr 7:18 AM ss 5:50 PM	28 57 / 37 80-2015 17-1948 sr 7:18 AM ss 5:51 PM  Full Moon	29 57 / 37 79-2002 13-1900 sr 7:17 AM ss 5:52 PM	30 57 / 37 81-2002 15-1949 sr 7:16 AM ss 5:53 PM
31 57 / 38 79-2016 13-1951 sr 7:16 AM ss 5:54 PM						

**MARK TRAIL CHAMPIONS
NOAA WEATHER RADIO--
THE VOICE OF THE NATIONAL WEATHER
SERVICE**



Mark Trail image courtesy of North America Syndicate, Inc., World Rights Reserved

Time to dust off your

Hazardous Weather can happen

ANYTIME!!!

A weekly test is broadcast every
Wednesday between the hours of 11
a.m. and Noon, unless severe weather
is in the area.

The test is then postponed until the
next good weather day.



A lot has
changed
over the
years, but

1950s

Sirens

1970s



1990s



Then our
cell
phones
fit right
in for



2010s



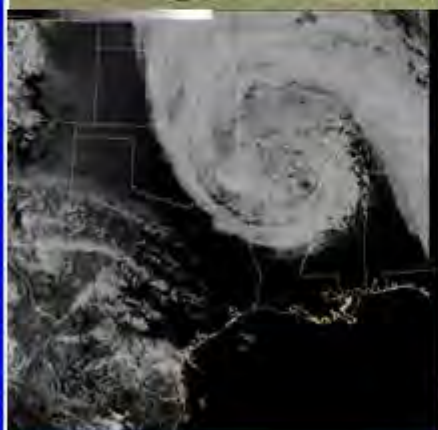
hand-held
revolution in this
"Polygon era".



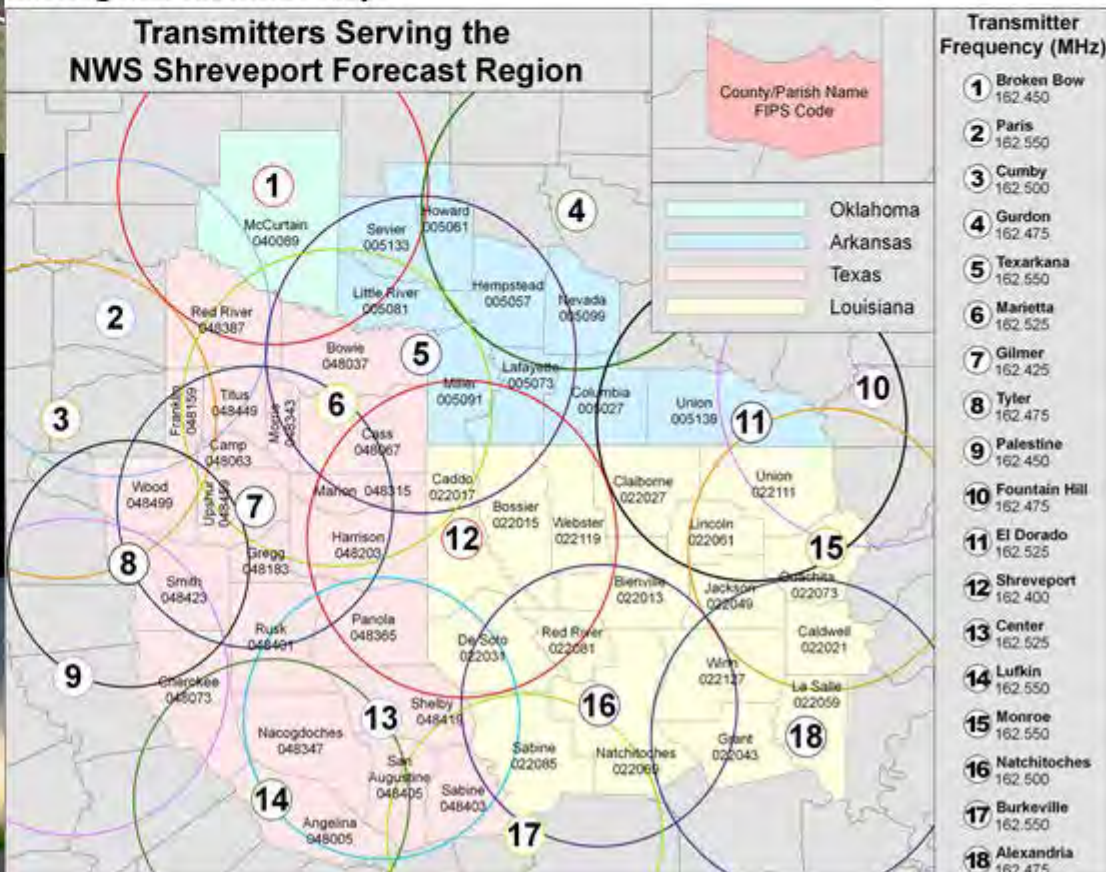
when seconds count...
you still can't beat a



National Weather Service - Shreveport



Transmitters Serving the NWS Shreveport Forecast Region



February 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 58 / 38 78-2016 9-1951 sr 7:15 AM ss 5:55 PM	2 58 / 38 79-2020 2-1951 sr 7:14 AM ss 5:56 PM  <i>Groundhog Day</i>	3 58 / 38 79-1953 16-1951 sr 7:14 AM ss 5:57 PM	4 58 / 38 79-2019 20-2011 sr 7:13 AM ss 5:58 PM  <i>Last Quarter</i>	5 58 / 38 79-2019 17-2011 sr 7:12 AM ss 5:59 PM  <i>National Weather Person's Day!!!!</i>	6 59 / 39 75-2019 22-2014 sr 7:11 AM ss 6:00 PM
7 59 / 39 82-1950 1-1895 sr 7:11 AM ss 6:00 PM	8 59 / 39 78-2017 5-1895 sr 7:10 AM ss 6:01 PM	9 59 / 39 84-1954 7-1895 sr 7:09 AM ss 6:02 PM	10 59 / 39 82-1954 18-1899 sr 7:08 AM ss 6:03 PM	11 60 / 40 85-2017 19-2011 sr 7:07 AM ss 6:04 PM  <i>New Moon</i>	12 60 / 40 78-1952 0-1899 sr 7:06 AM ss 6:05 PM	13 60 / 40 78-2000 0-1899 sr 7:05 AM ss 6:06 PM
14 60 / 40 81-1945 11-1899 sr 7:04 AM ss 6:07 PM  <i>Valentine's Day</i>	15 61 / 41 81-2005 13-1905 sr 7:03 AM ss 6:08 PM  <i>President's Day</i>	16 61 / 41 79-1947 16-2007 sr 7:02 AM ss 6:08 PM	17 61 / 41 82-2000 11-1900 sr 7:01 AM ss 6:09 PM	18 61 / 41 81-2017 11-1900 sr 7:00 AM ss 6:10 PM	19 62 / 42 81-1897 14-1900 sr 6:59 AM ss 6:11 PM  <i>First Quarter</i>	20 62 / 42 78-2018 27-1942 sr 6:58 AM ss 6:12 PM
21 62 / 42 83-2005 27-1898 sr 6:57 AM ss 6:13 PM	22 62 / 42 81-2005 27-1953 sr 6:56 AM ss 6:13 PM	23 63 / 42 85-2017 27-1899 sr 6:55 AM ss 6:14 PM	24 63 / 43 79-2000 24-1947 sr 6:54 AM ss 6:15 PM	25 63 / 43 84-1950 26-2010 sr 6:53 AM ss 6:16 PM	26 63 / 43 81-1904 26-2002 sr 6:52 AM ss 6:17 PM	27 63 / 43 83-2017 20-2002 sr 6:51 AM ss 6:17 PM  <i>Full Moon</i>
28 64 / 44 84-1950 26-2002 sr 6:49 AM ss 6:18 PM	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX.	<i>February Rainfall</i> Avg. 0.18"/8 days driest: 0.01"/1999 wettest: 1.50/1897			<u>NOAA Weather Radio Frequencies</u> Shreveport LA 162.400 Gilmer TX 162.425 Broken Bow OK 162.450 Tyler TX 162.475 Natchitoches TX 162.500 Center TX, Marietta TX 162.525 El Dorado AR 162.525 Lufkin TX, Texarkana TX 162.550 Monroe LA 162.550	

Spring Forward

**Daylight Saving Time Begins
2:00 AM on March 14, 2021
(Set Clocks Ahead One Hour)**

- Check your batteries in your smoke and carbon monoxide detectors
- Test and replace the batteries in your NOAA Weather Radio



March 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 65 / 43 80-1952 22-1890 sr 6:43 AM ss 6:13 PM	2 66 / 43 78-1965 20-1980 sr 6:41 AM ss 6:14 PM	3 66 / 44 81-2009 15-1943 sr 6:40 AM ss 6:15 PM	4 66 / 44 82-1997 17-2002 sr 6:39 AM ss 6:15 PM	5 66 / 44 77-1927 21-1978 sr 6:38 AM ss 6:16 PM	6 67 / 44 80-1956 24-2015 sr 6:36 AM ss 6:17 PM  <i>Last Quarter</i>
7 67 / 44 79-1965 21-1943 sr 6:35 AM ss 6:18 PM	8 67 / 45 78-1969 25-1996 sr 6:34 AM ss 6:18 PM	9 68 / 45 81-1957 20-1932 sr 6:33 AM ss 6:19 PM	10 68 / 45 79-1935 23-1996 sr 6:32 AM ss 6:20 PM	11 68 / 45 80-2017 23-1948 sr 6:30 AM ss 6:21 PM	12 69 / 46 81-2017 20-1948 sr 6:29 AM ss 6:21 PM	13 69 / 46 79-2007 25-1948 sr 6:28 AM ss 6:22 PM  <i>New Moon</i>
14 69 / 46 80-1971 22-1993 sr 7:26 AM ss 7:23 PM  <i>Daylight Saving Time Begins</i>	15 69 / 46 80-1952 26-1988 sr 7:25 AM ss 7:24 PM	16 70 / 46 81-1943 29-1913 sr 7:24 AM ss 7:24 PM	17 70 / 47 79-1999 27-1892 sr 7:23 AM ss 7:25 PM  <i>St. Patrick's Day</i>	18 70 / 47 78-2000 22-1892 sr 7:21 AM ss 7:26 PM	19 70 / 47 80-1982 21-1923 sr 7:20 AM ss 7:26 PM	20 71 / 47 81-1954 22-1965 sr 7:19 AM ss 7:27 PM  <i>Spring Equinox at 4:37 a.m. CDT</i>
21 71 / 47 81-1911 26-1876 sr 7:17 AM ss 7:28 PM  <i>First Quarter</i>	22 71 / 48 80-2012 29-1986 sr 7:16 AM ss 7:29 PM	23 72 / 48 84-1943 30-1968 sr 7:15 AM ss 7:29 PM  <i>World Meteorological Day</i>	24 72 / 48 84-1972 32-2006 sr 7:13 AM ss 7:30 PM	25 72 / 48 85-1950 29-1940 sr 7:12 AM ss 7:31 PM	26 72 / 48 82-1952 25-1955 sr 7:11 AM ss 7:31 PM	27 73 / 49 82-1975 27-1955 sr 7:10 AM ss 7:32 PM
28 73 / 49 81-1975 31-1955 sr 7:08 AM ss 7:33 PM  <i>Full Moon</i>	29 73 / 49 82-1975 32-1994 sr 7:07 AM ss 7:33 PM	30 73 / 49 84-1971 32-1987 sr 7:06 AM ss 7:34 PM	31 74 / 49 83-1911 24-1987 sr 7:04 AM ss 7:35 PM	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Shreveport, LA	<i>March Rainfall</i> Avg. 0.18"/9 days driest: 0.02"/2011 wettest: 0.86/1897	

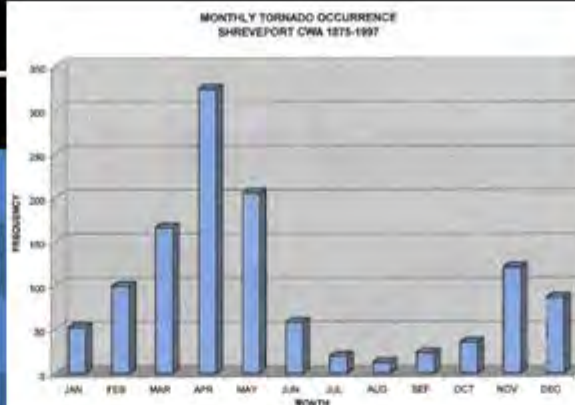
Enhanced Fujita Scale (EF-Scale)

EF Number Max. Est. Wind Gusts

0	65-85 mph
1	86-110 mph
2	111-135 mph
3	136-165 mph
4	166-200 mph
5	Over 200 mph



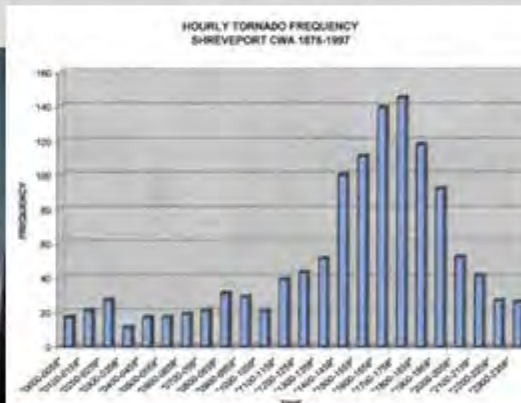
Dr. Ted Fujita, who developed the Fujita Scale, is conducting a storm damage survey with Ernest Ethridge, OIC of the WFOSHV, following the Dec. 3, 1978 devastating EF-4 Bossier City tornado.



11/05/18- EF-2 tornado damage near Marthville LA

Our four state area sees most tornadoes in April & late day, from 3 to 9 p.m.

01/21/17- EF-2 tornado near Natchez, LA
(photo courtesy of Sam Dierst)



HOW STRONG WAS THAT TORNADO?

Meteorologists are deployed from the National Weather Service to investigate areas where a tornado is thought to have occurred based on damage reports, storm spotter reports and radar indications. First, the type of damage is determined from a list of 28 Damage Indicators (DI). Examples include small barns, 1- or 2-family residences, retail buildings, and hardwood & softwood trees. Each DI is examined to determine the Degree of Damage, which is specific to the DI. This results in an EF-rating and an estimated range of peak wind speeds. If EF-4 or EF-5 damage is suspected, a second team is deployed to investigate the damage more closely and confirm the rating. Particular attention is paid to construction methods and materials when considering EF-4 or EF-5 ratings.

TORNADOES



April 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX.	April Rainfall Avg. 0.31"/7 days driest 0.01" /in 2005 wettest 2.03/1894		1 70 / 50 89-1946 35-2019 sr 7:09 AM ss 7:41 PM  April Fool's Day	2 71 / 51 89-1946 34-1896 sr 7:08 AM ss 7:42 PM Good Friday	3 71 / 51 86-1950 35-1895 sr 7:06 AM ss 7:43 PM
4 71 / 51 87-1888 35-1899 sr 7:05 AM ss 7:43 PM  Last Quarter Easter	5 72 / 51 89-1888 34-1945 sr 7:04 AM ss 7:44 PM	6 72 / 52 88-1948 35-1898 sr 7:03 AM ss 7:45 PM	7 72 / 52 92-1948 31-2009 sr 7:01 AM ss 7:45 PM	8 72 / 52 90-2011 36-2018 sr 7:00 AM ss 7:46 PM	9 73 / 52 91-2011 33-2003 sr 6:59 AM ss 7:47 PM	10 73 / 53 91-2011 35-2003 sr 6:58 AM ss 7:48 PM
11 73 / 53 91-1948 38-2013 sr 6:56 AM ss 7:48 PM	12 73 / 53 89-1948 35-1900 sr 6:55 AM ss 7:49 PM  New Moon	13 74 / 53 87-1883 38-1953 sr 6:54 AM ss 7:50 PM	14 74 / 54 87-2011 36-2008 sr 6:53 AM ss 7:50 PM	15 74 / 54 88-1904 34-2014 sr 6:52 AM ss 7:51 PM	16 75 / 54 90-2006 37-2018 sr 6:50 AM ss 7:52 PM	17 75 / 55 93-2006 37-1947 sr 6:49 AM ss 7:52 PM
18 75 / 55 93-2006 36-1999 sr 6:48 AM ss 7:53 PM	19 76 / 55 94-2011 36-1953 sr 6:47 AM ss 7:54 PM	20 76 / 56 90-1902 38-2013 sr 6:46 AM ss 7:55 PM  First Quarter	21 76 / 56 91-2011 42-1884 sr 6:45 AM ss 7:55 PM	22 76 / 56 94-2011 40-1884 sr 6:44 AM ss 7:56 PM  Earth Day	23 77 / 57 90-2011 36-1884 sr 6:43 AM ss 7:57 PM	24 77 / 57 91-2011 40-2013 sr 6:42 AM ss 7:57 PM
25 77 / 57 93-1901 42-1883 sr 6:40 AM ss 7:58 PM	26 78 / 58 91-1901 43-1903 sr 6:39 AM ss 7:59 PM	27 78 / 58 91-1901 45-2017 sr 6:38 AM ss 8:00 PM  Full Moon	28 78 / 58 91-1901 42-2008 sr 6:37 AM ss 8:00 PM	29 78 / 59 92-1899 48-2015 sr 6:36 AM ss 8:01 PM	30 79 / 59 93-1943 40-1903 sr 6:35 AM ss 8:02 PM	

Common Hail Sizes

Description Hail Size (in.)

Pea	$\frac{1}{4}$
Penny	$\frac{3}{4}$
Quarter	1
Half-Dollar	$1\frac{1}{4}$
Golf ball	$1\frac{3}{4}$
Tennis Ball	$2\frac{1}{2}$
Baseball	$2\frac{3}{4}$
Tea Cup	3
Softball	4
Grapefruit	$4\frac{1}{2}$

HAIL



May 10 2006, a "Tail-end Charlie" supercell T'storm produced this 4+ inch hail stone which fell in Rocky Branch. During this evening, other storms moving East produced baseball sized hail affecting many cities in NE LA in the MS river delta region.

April 2, 2017, a strong upper level system brought widespread severe weather across the region. Numerous reports of Tornadoes, Wind Damage, and large Hail was received across the area. The picture to the left (courtesy of Larrah Springer) shows quarter to half dollar size hail from Columbia, Louisiana.



Skywarn Spotter: Mack Redmond, KA5JNL
Location: Rocky Branch, LA
Date: May 10, 2006

Photo: David Gore, W5094

How does large hail form inside of a maturing thunderstorm in a half hour?

Tiny liquid water droplets are carried high up in the cloud tops by the main updraft. Air temps drop about 5 degrees for every 1000 ft. up. By 50,000 ft up in "Overshooting" cloud tops, the air is 50-60 degrees colder and even below freezing in late Spring & Summer. The drops coalesce or merge as they freeze into what is called graupel (small ice pellets). Additional layers of water continue freeze on the growing hail, making several trips up and down in the storm, building ice layers for 10-20 minutes. By this time, the weight of the large hail is just too much for the updraft winds to support and it then falls to the Earth at speeds of 100 mph. The good news is that as these largest of hail stones fall into warming air and thus shrink a bit in size before impact. The updraft's strength is the key to hail sizes and is maximized with peak daytime heating and occurring potentially year round. Some hail forms in all T'storms thus making lightning through friction, like your slippers do in Winter.



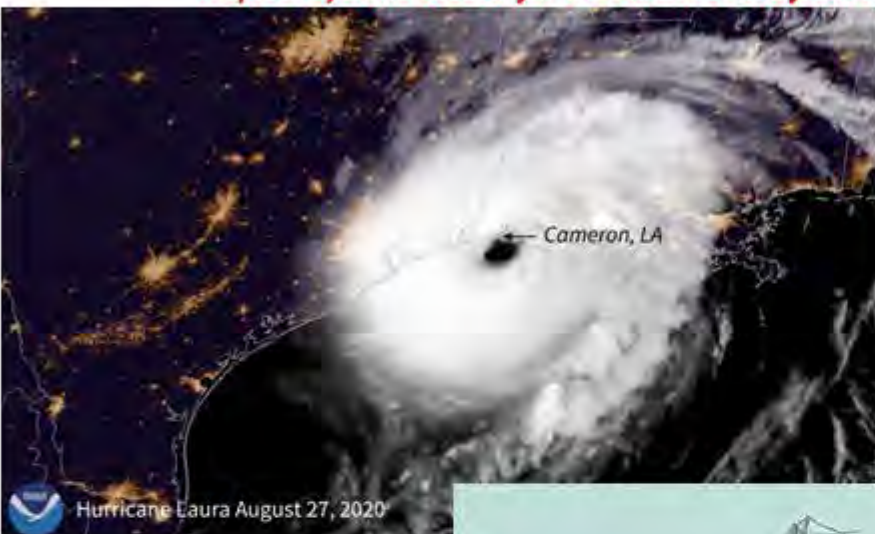
May 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX.	May Rainfall Avg. 0.33"/8 days driest 0.08" /in 1998 wettest 1.69 /1888				1 79 / 59 94-1943 38-2014 sr 6:34 AM ss 8:03 PM
2 79 / 59 93-1943 42-2013 sr 6:33 AM ss 8:03 PM	3 80 / 60 93-1943 41-2013 sr 6:33 AM ss 8:04 PM  <i>Last Quarter</i>	4 80 / 60 94-1947 38-2013 sr 6:32 AM ss 8:05 PM	5 80 / 60 93-1906 41-2013  <i>Cinco de Mayo</i>	6 80 / 61 92-1901 45-2013 sr 6:30 AM ss 8:06 PM	7 81 / 61 92-2003 42-1891 sr 6:29 AM ss 8:07 PM	8 81 / 61 94-1896 44-1891 sr 6:28 AM ss 8:08 PM
9 81 / 62 95-2011 45-1898 sr 6:27 AM ss 8:08 PM  <i>Mother's Day</i>	10 81 / 62 94-1896 46-1893 sr 6:27 AM ss 8:09 PM	11 82 / 62 94-1901 48-1952 sr 6:26 AM ss 8:10 PM  <i>New Moon</i>	12 82 / 62 94-1901 48-2008 sr 6:25 AM ss 8:10 PM	13 82 / 63 93-1901 46-1895 sr 6:24 AM ss 8:11 PM	14 82 / 63 95-1901 48-1891 sr 6:24 AM ss 8:12 PM	15 83 / 63 95-1901 45-2014 sr 6:23 AM ss 8:13 PM
16 83 / 64 93-1901 40-1900 sr 6:22 AM ss 8:13 PM	17 83 / 64 94-1901 43-1945 sr 6:22 AM ss 8:14 PM	18 83 / 64 94-1901 50-2009 sr 6:21 AM ss 8:15 PM	19 83 / 64 94-2020 48-1895 sr 6:20 AM ss 8:15 PM  <i>First Quarter</i>	20 84 / 65 94-1901 47-1894 sr 6:20 AM ss 8:16 PM	21 84 / 65 97-2005 50-1883 sr 6:19 AM ss 8:17 PM  <i>Bike to Work Day</i>	22 84 / 65 96-2005 44-1892 sr 6:19 AM ss 8:17 PM
23 84 / 66 96-1896 52-1883 sr 6:18 AM ss 8:18 PM	24 84 / 66 96-1896 52-1893 sr 6:18 AM ss 8:19 PM	25 85 / 66 98-1896 55-1947 sr 6:17 AM ss 8:19 PM	26 85 / 66 98-1896 55-1947 sr 6:17 AM ss 8:20 PM  <i>Full Moon</i>	27 85 / 67 98-1896 52-1891 sr 6:17 AM ss 8:21 PM	28 85 / 67 99-2011 56-2003 sr 6:16 AM ss 8:21 PM	29 85 / 67 98-1998 49-1947 sr 6:16 AM ss 8:22 PM
30 86 / 67 100-1896 49-1889 sr 6:16 AM ss 8:22 PM	31 86 / 68 100-1998 47-1889 sr 6:15 AM ss 8:23 PM Memorial Day					

- Ana
- Bill
- Claudette
- Danny
- Elsa
- Fred
- Grace
- Henri
- Ida
- Julian
- Kate
- Larry
- Mindy
- Nicholas
- Odette
- Peter
- Rose
- Sam
- Teresa
- Victor
- Wanda



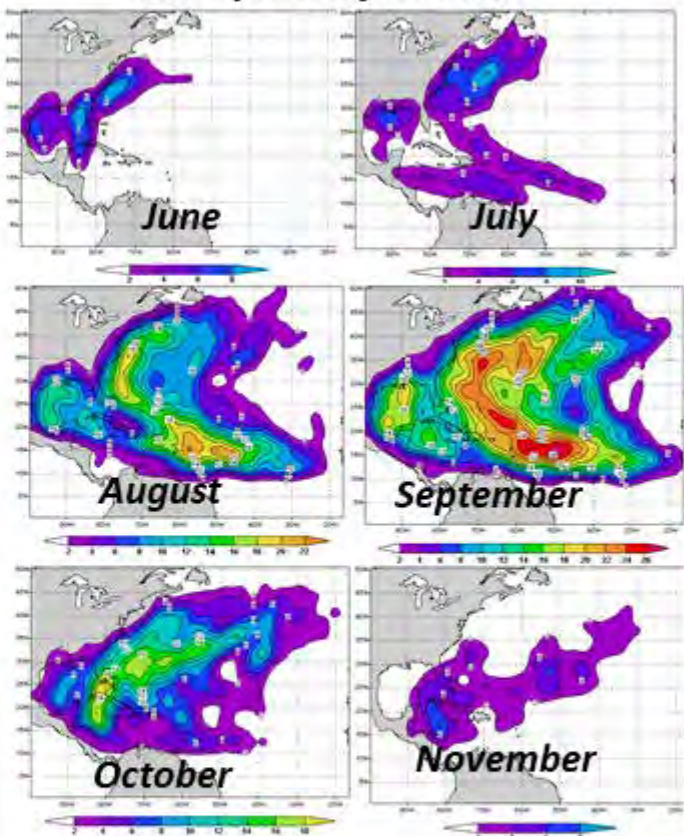
Hurricane Laura August 27, 2020

Category 4 Hurricane Laura made landfall with 150-MPH winds. These strong winds destroyed the Lake Charles Doppler Radar



Lake Charles, LA
NWS Doppler Radar

Hot spots by month



- **Tropical Depressions** form & are given a number when cyclonic surface winds are developing & are less still less than 39 mph.
- **Tropical Storms** are named when the surface wind speeds reach 39 mph or more .
- **Hurricanes** assume the named tropical storm when surface winds reach 74 mph or more.

Category classifications based on wind speed of hurricanes

Cat 1	Cat 2	Cat 3	Cat 4	Cat 5
74-95 mph	96-110 mph	111-129 mph	130-156 mph	157+mph

June 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX. 	June Rainfall Avg. 0.27"/ 7 days Driest: 0.00" in 1954 Wettest: 1.25" 1884	1 86 / 68 100-1998 54-1903 sr 6:15 AM ss 8:23 PM *Hurricane Season Starts Today*	2 86 / 68 99-2011 54-1894 sr 6:15 AM ss 8:24 PM  <i>Last Quarter</i>	3 86 / 68 101-2011 47-1894 sr 6:15 AM ss 8:25 PM	4 87 / 69 101-2011 56-1954 sr 6:14 AM ss 8:25 PM	5 87 / 69 103-2011 56-1894 sr 6:14 AM ss 8:26 PM
6 87 / 69 100-2011 58-1895 sr 6:14 AM ss 8:26 PM	7 87 / 69 100-1888 54-1894 sr 6:14 AM ss 8:27 PM	8 87 / 69 101-1888 58-1897 sr 6:14 AM ss 8:27 PM	9 87 / 70 100-1900 58-1890 sr 6:14 AM ss 8:27 PM	10 88 / 70 101-1896 58-1890 sr 6:14 AM ss 8:28 PM  <i>New Moon</i>	11 88 / 70 101-1902 56-1884 sr 6:14 AM ss 8:28 PM	12 88 / 70 100-2011 58-1903 sr 6:14 AM ss 8:29 PM
13 88 / 70 100-2011 51-1896 sr 6:14 AM ss 8:29 PM	14 88 / 71 102-1888 54-1947 sr 6:14 AM ss 8:29 PM  <i>Flag Day</i>	15 88 / 71 103-1888 56-1903 sr 6:14 AM ss 8:30 PM	16 88 / 71 102-2011 59-1947 sr 6:14 AM ss 8:30 PM	17 89 / 71 104-1902 61-1941 sr 6:14 AM ss 8:30 PM	18 89 / 71 105-2011 62-1941 sr 6:14 AM ss 8:31 PM  <i>First Quarter</i>	19 89 / 71 105-2011 61-1945 sr 6:14 AM ss 8:31 PM
20 89 / 72 104-1902 62-1892 sr 6:15 AM ss 8:31 PM Father's Day Summer Solstice at 10:32p.m.CDT	21 89 / 72 102-1901 63-1886 sr 6:15 AM ss 8:31 PM	22 89 / 72 102-1901 60-1902 sr 6:15 AM ss 8:32 PM	23 90 / 72 102-1901 60-1902 sr 6:15 AM ss 8:32 PM	24 90 / 72 102-2009 62-1892 sr 6:16 AM ss 8:32 PM  <i>Full Moon</i>	25 90 / 72 102-2009 63-1886 sr 6:16 AM ss 8:32 PM	26 90 / 72 103-2012 66-2006 sr 6:16 AM ss 8:32 PM
27 90 / 72 101-1901 59-2006 sr 6:17 AM ss 8:32 PM	28 90 / 72 104-2013 60-1901 sr 6:17 AM ss 8:32 PM	29 90 / 73 100-2011 60-1898 sr 6:17 AM ss 8:32 PM	30 91 / 73 102-2011 60-1898 sr 6:18 AM ss 8:32 PM	* Hurricane season in the North Atlantic runs from June 1st through November 30th. On average there will be 12 cyclones with 6 becoming hurricanes. The most storms in one season was 30 in 2020 with 13 of them becoming hurricanes, with 6 Major storms.		Scan this QR Code to learn more about Hurricane Preparedness 



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@NWSShreveport

July 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX.	July Rainfall Avg. 0.26"/6 days driest: 0.00"/1924 wettest: 25.45"/1933		1 91 / 73 102-2011 58-1883 sr 6:18 AM ss 8:32 PM  <i>Last Quarter</i>	2 91 / 73 104-2009 63-1886 sr 6:19 AM ss 8:32 PM	3 91 / 73 104-1894 62-2013 sr 6:19 AM ss 8:32 PM
4 91 / 73 104-1894 66-1892 sr 6:19 AM ss 8:32 PM  <i>Independence Day</i>	5 91 / 73 103-1897 61-1887 sr 6:20 AM ss 8:32 PM	6 91 / 73 102-2011 63-1892 sr 6:20 AM ss 8:32 PM	7 92 / 73 103-1998 65-1905 sr 6:21 AM ss 8:31 PM	8 92 / 73 104-2011 67-1905 sr 6:21 AM ss 8:31 PM	9 92 / 73 102-2011 64-1952 sr 6:22 AM ss 8:31 PM	10 92 / 73 103-2011 60-1905 sr 6:22 AM ss 8:31 PM  <i>New Moon</i>
11 92 / 73 104-1954 60-1899 sr 6:23 AM ss 8:30 PM	12 92 / 73 105-1954 61-1898 sr 6:24 AM ss 8:30 PM	13 92 / 73 104-2011 60-1898 sr 6:24 AM ss 8:30 PM	14 93 / 73 105-2011 60-1898 sr 6:25 AM ss 8:29 PM	15 93 / 73 105-2011 62-1898 sr 6:25 AM ss 8:29 PM	16 93 / 73 105-1954 67-2014 sr 6:26 AM ss 8:29 PM	17 93 / 73 104-1944 65-1945 sr 6:26 AM ss 8:28 PM  <i>First Quarter</i>
18 93 / 73 105-2006 66-2014 sr 6:27 AM ss 8:28 PM	19 93 / 73 104-1944 64-1891 sr 6:28 AM ss 8:27 PM	20 93 / 74 104-2018 62-1888 sr 6:28 AM ss 8:27 PM	21 93 / 74 105-2018 62-1888 sr 6:29 AM ss 8:26 PM	22 93 / 74 107-2018 62-1888 sr 6:30 AM ss 8:25 PM	23 94 / 74 104-2018 61-1888 sr 6:30 AM ss 8:25 PM  <i>National Vanilla Ice Cream Day</i>	24 94 / 74 105-1954 64-2007 sr 6:31 AM ss 8:24 PM  <i>Full Moon</i>
25 94 / 74 108-1954 64-2019 sr 6:31 AM ss 8:24 PM	26 94 / 74 103-1897 68-2004 sr 6:32 AM ss 8:23 PM	27 94 / 74 106-1897 65-2004 sr 6:33 AM ss 8:22 PM	28 94 / 74 103-1998 66-1890 sr 6:33 AM ss 8:22 PM	29 94 / 74 103-2012 60-1902 sr 6:34 AM ss 8:21 PM	30 94 / 74 104-2015 65-1898 sr 6:35 AM ss 8:20 PM	31 94 / 74 105-2011 60-1892 sr 6:35 AM ss 8:19 PM

Heat Related Deaths **ARE** Preventable LOOK BEFORE YOU LOCK



weather.gov/heat

nhtsa.gov

The temperature in your car can quickly become deadly!

Outside Temperature 80°



Protect yourself from the heat when outside

- Drink plenty of water to stay hydrated
- Apply sunscreen regularly
- Dress in lightweight and light-colored clothing and wear a wide-brimmed hat

weather.gov/heat



Relative Humidity (%)

°F	40	45	50	55	60	65	70	75	80	85	90	95	100
110	135												
108	130	137											
106	124	130	137										
104	119	124	131	137									
102	114	119	124	130	137								
100	109	114	118	124	129	135							
98	105	109	113	117	123	128	134						
96	101	104	108	112	116	121	126	132					
94	97	100	103	106	110	114	119	124	129	135			
92	94	96	99	101	105	108	112	116	121	126	131		
90	91	93	95	97	100	103	106	109	113	117	122	127	132
88	88	89	91	93	95	98	100	103	106	110	113	117	121
86	85	87	88	89	91	93	95	97	100	102	105	108	112
84	83	84	85	86	88	89	90	92	94	96	98	100	103
82	81	82	83	84	84	85	86	88	89	90	91	93	95
80	80	80	81	81	82	82	83	84	84	85	86	86	87

Heat Index
(Apparent Temperature)

With Prolonged Exposure and/or Physical Activity

Extreme Danger

Heat stroke or sunstroke highly likely

Danger

Sunstroke, muscle cramps, and/or heat exhaustion likely

Extreme Caution

Sunstroke, muscle cramps, and/or heat exhaustion possible

Caution

Fatigue possible

HEAT EXHAUSTION

OR

HEAT STROKE

Faint or dizzy

Excessive sweating

Cool, pale, clammy skin

Nausea or vomiting

Rapid, weak pulse

Muscle cramps

Throbbing headache, confusion

No sweating

Body temperature above 103°
Red, hot, dry skin

Nausea or vomiting

Rapid, strong pulse

May lose consciousness

- Get to a cooler, air conditioned place
- Drink water if fully conscious
- Take a cool shower or use cold compresses

CALL 9-1-1

- Move person to cooler place
- Cool using cool cloths or bath
- Do not give anything to drink

August 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 94 / 74 109-2011 62-1898 sr 6:36 AM ss 8:18 PM	2 94 / 74 110-2011 60-1898 sr 6:37 AM ss 8:18 PM	3 94 / 74 110-2011 58-1898 sr 6:37 AM ss 8:17 PM	4 94 / 74 109-2011 56-1898 sr 6:38 AM ss 8:16 PM	5 94 / 74 107-2011 56-1898 sr 6:39 AM ss 8:15 PM	6 94 / 74 106-2011 60-1894 sr 6:39 AM ss 8:14 PM	7 94 / 74 105-2011 60-1898 sr 6:40 AM ss 8:13 PM
8 94 / 74 105-2011 55-1898 sr 6:41 AM ss 8:12 PM  New Moon	9 94 / 74 107-1947 54-1898 sr 6:42 AM ss 8:11 PM	10 94 / 74 106-2015 65-1884 sr 6:42 AM ss 8:10 PM	11 94 / 74 105-2015 64-1884 sr 6:43 AM ss 8:09 PM	12 94 / 74 105-2011 58-1884 sr 6:44 AM ss 8:08 PM	13 94 / 74 104-2012 63-2004 sr 6:44 AM ss 8:07 PM	14 94 / 74 106-2011 60-1892 sr 6:45 AM ss 8:06 PM
15 94 / 74 106-1951 60-1892 sr 6:46 AM ss 8:05 PM  First Quarter	16 94 / 74 107-1951 59-1892 sr 6:46 AM ss 8:04 PM  Tell a Joke Day	17 93 / 74 105-2011 61-1885 sr 6:47 AM ss 8:03 PM	18 93 / 74 106-2011 60-1885 sr 6:47 AM ss 8:02 PM	19 93 / 74 107-2011 61-1885 sr 6:48 AM ss 8:01 PM	20 93 / 73 107-2011 61-1897 sr 6:49 AM ss 8:00 PM	21 93 / 73 104-1948 61-1892 sr 6:49 AM ss 7:59 PM
22 93 / 73 104-2011 60-1949 sr 6:50 AM ss 7:57 PM  Full Moon	23 92 / 73 104-2011 59-1949 sr 6:51 AM ss 7:56 PM	24 92 / 73 105-2011 63-1897 sr 6:51 AM ss 7:55 PM	25 92 / 73 103-1899 51-1891 sr 6:52 AM ss 7:54 PM	26 92 / 72 104-2011 55-1891 sr 6:53 AM ss 7:53 PM  National Dog Day	27 92 / 72 105-2011 56-1891 sr 6:53 AM ss 7:51 PM	28 91 / 72 106-2011 61-1904 sr 6:54 AM ss 7:50 PM
29 91 / 72 102-1998 62-1893 sr 6:55 AM ss 7:49 PM	30 91 / 72 103-2011 60-1893 sr 6:55 AM ss 7:48 PM  Last Quarter	31 91 / 71 106-2000 60-1884 sr 6:56 AM ss 7:46 PM		 Scan this QR code for more on Heat Safety	August Rainfall Avg. 0.23"/5 days driest: Trace/2000 wettest: 2.23/1888	

Downburst Life Cycle



FORMATION -
Evaporation and
precip. drag
forms downdraft



IMPACT -
Downdraft quickly
accelerates and
strikes ground



DISSIPATION -
Downburst moves
away from point
of impact

Downbursts



Nashville, AR
May 28, 2017



May 22, 2008
Texarkana, TX



167 foot radio
station tower for
KNAS-FM radio in
Nashville, AR was
toppled due to
straight line winds
near 90 mph



What is a Downburst?

A downburst is a column of rapidly sinking air from an intense thunderstorm that spreads out all in all directions after reaching the ground. Typically, this will create very strong winds at ground-level and can cause damage over wide swaths of land. Downbursts can produce straight-line winds of over 150 mph. That can produce damage comparable to an EF-3 tornado!



September 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX.	<i>September Rainfall</i> Avg. 30.34"/5 days driest: 0.00/2000 wettest: 3.00/1892	1 90 / 71 107-2000 60-1886 sr 6:56 AM ss 7:45 PM	2 90 / 71 107-2000 58-1903 sr 6:57 AM ss 7:44 PM	3 90 / 70 109-2000 58-1903 sr 6:58 AM ss 7:43 PM	4 90 / 70 109-2000 51-1891 sr 6:58 AM ss 7:41 PM
5 89 / 70 100-2013 51-1891 sr 6:59 AM ss 7:40 PM	6 89 / 70 102-1947 54-1891 sr 7:00 AM ss 7:39 PM  <i>Labor Day</i>	7 89 / 69 101-2012 55-2017 sr 7:00 AM ss 7:37 PM  <i>New Moon</i>	8 88 / 69 101-2019 54-1898 sr 7:01 AM ss 7:36 PM	9 88 / 69 100-1954 55-2004 sr 7:01 AM ss 7:35 PM	10 88 / 68 98-1895 53-1902 sr 7:02 AM ss 7:33 PM	11 88 / 68 99-2011 58-2017 sr 7:03 AM ss 7:32 PM  <i>Patriot Day</i>
12 87 / 67 102-2011 54-1892 sr 7:03 AM ss 7:31 PM	13 87 / 67 106-2011 51-1902 sr 7:04 AM ss 7:29 PM  <i>First Quarter</i>	14 87 / 67 100-2019 47-1902 sr 7:05 AM ss 7:28 PM	15 87 / 66 99-2019 48-1902 sr 7:05 AM ss 7:27 PM	16 86 / 66 98-2019 53-2008 sr 7:06 AM ss 7:25 PM	17 86 / 66 98-1900 45-1903 sr 7:06 AM ss 7:24 PM	18 86 / 65 98-1893 48-1903 sr 7:07 AM ss 7:23 PM
19 85 / 65 98-1954 49-1901 sr 7:08 AM ss 7:21 PM	20 85 / 65 97-1999 51-1901 sr 7:08 AM ss 7:20 PM  <i>Full Moon</i>	21 85 / 64 99-2005 49-1897 sr 7:09 AM ss 7:19 PM	22 85 / 64 100-2005 46-1897 sr 7:10 AM ss 7:17 PM  <i>Autumnal Equinox at 02:21 p.m. CDT</i>	23 84 / 63 97-2000 45-1883 sr 7:10 AM ss 7:16 PM	24 84 / 63 95-2019 46-1896 sr 7:11 AM ss 7:15 PM	25 84 / 63 100-2011 50-2000 sr 7:12 AM ss 7:13 PM
26 84 / 62 100-2005 44-2000 sr 7:12 AM ss 7:12 PM	27 83 / 62 99-1953 39-1942 sr 7:13 AM ss 7:11 PM	28 83 / 62 99-1953 45-1942 sr 7:13 AM ss 7:09 PM	29 83 / 61 99-2011 42-1942 sr 7:14 AM ss 7:08 PM  <i>Last Quarter</i>	30 83 / 61 95-1953 45-1949 sr 7:15 AM ss 7:07 PM		

Why Do Leaves Change Color in the Fall?



Leaves get their green color from chlorophyll. This is needed in the process of photosynthesis, where trees use sunlight to change carbon dioxide and water into glucose. Trees will use glucose for energy and as a building block for their growth. As we move from Summer into Autumn, the days will become shorter, at which point there is not enough light or water for photosynthesis. As a result, trees are not able to process enough glucose for energy, and the chlorophyll begins to disappear from their leaves. As the bright green color in the leaves fade away, we begin to see more yellow, orange, bright reds, and purples before the leaves eventually fall and die.



PHOTO COURTESY OF
CARRIE WILLIAM
MONROE, LA



Daingerfield State Park
near Daingerfield, TX



PHOTO COURTESY OF
ALICIA KRAUS
PLAIN DEALING, LA

October 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX.	October Rainfall Avg. 0.33"/5 days driest: trace/1944 wettest: 2.01"/1892			1 82 / 61 96-2019 46-1949 sr 7:15 AM ss 7:06 PM  World Smile Day	2 82 / 60 96-2019 45-1947 sr 7:16 AM ss 7:04 PM
3 82 / 60 96-2019 44-1886 sr 7:17 AM ss 7:03 PM	4 82 / 60 95-2002 43-1886 sr 7:17 AM ss 7:02 PM	5 81 / 59 96-2006 43-1886 sr 7:18 AM ss 7:00 PM	6 81 / 59 95-2019 43-1886 sr 7:19 AM ss 6:59 PM  New Moon	7 81 / 59 92-2007 42-1889 sr 7:19 AM ss 6:58 PM	8 80 / 59 91-2015 39-1952 sr 7:20 AM ss 6:57 PM	9 80 / 58 94-2017 39-2000 sr 7:21 AM ss 6:55 PM
10 80 / 58 94-2019 35-2000 sr 7:22 AM ss 6:54 PM	11 80 / 58 93-2020 44-1905 sr 7:22 AM ss 6:53 PM  Columbus Day	12 79 / 57 94-2015 39-1946 sr 7:23 AM ss 6:52 PM	13 79 / 57 91-2017 36-1887 sr 7:24 AM ss 6:50 PM  First Quarter	14 79 / 57 95-2015 43-1898 sr 7:24 AM ss 6:49 PM	15 78 / 56 95-2015 42-1895 sr 7:25 AM ss 6:48 PM	16 78 / 56 92-1947 39-1943 sr 7:26 AM ss 6:47 PM
17 78 / 56 90-1947 41-2001 sr 7:27 AM ss 6:46 PM	18 77 / 56 92-1947 35-1948 sr 7:27 AM ss 6:45 PM	19 77 / 55 89-2016 41-1903 sr 7:28 AM ss 6:44 PM	20 77 / 55 89-2019 38-1885 sr 7:29 AM ss 6:42 PM  Full Moon	21 76 / 55 90-1899 37-1898 sr 7:30 AM ss 6:41 PM	22 76 / 54 90-2003 35-1898 sr 7:30 AM ss 6:40 PM	23 75 / 54 89-1947 37-1898 sr 7:31 AM ss 6:39 PM
24 75 / 54 90-1947 35-2005 sr 7:32 AM ss 6:38 PM	25 75 / 53 87-1944 36-2005 sr 7:33 AM ss 6:37 PM	26 74 / 53 88-1893 34-1898 sr 7:34 AM ss 6:36 PM	27 74 / 53 87-2010 32-1889 sr 7:34 AM ss 6:35 PM	28 73 / 52 85-2004 31-2017 sr 7:35 AM ss 6:34 PM  Last Quarter	29 73 / 52 86-2004 31-2017 sr 7:36 AM ss 6:33 PM	30 72 / 52 85-2016 35-1898 sr 7:37 AM ss 6:32 PM
31  72 / 51 86-2016 33-2019 sr 7:38 AM ss 6:31 PM Halloween						



Time To FALL BACK

**Daylight Saving Time Ends
2:00 AM on November 7, 2020
(Set Clocks Back One Hour)**

- **Do a fire drill at home and write a family communication plan**
- **Test and replace the batteries in your NOAA Weather Radio**
- **Check batteries in your smoke detectors and Carbon Monoxide Detectors**

November 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 72 / 51 85-2016 28-1901 sr 7:39 AM ss 6:31 PM	2 71 / 51 85-2017 30-1951 sr 7:39 AM ss 6:30 PM  Election Day	3 71 / 50 86-1948 24-1951 sr 7:40 AM ss 6:29 PM	4 70 / 50 86-1948 31-1899 sr 7:41 AM ss 6:28 PM  New Moon	5 70 / 50 84-2017 34-1899 sr 7:42 AM ss 6:27 PM	6 69 / 49 85-2017 31-1951 sr 7:43 AM ss 6:26 PM
7 69 / 49 85-2005 37-1951 sr 6:44 AM ss 5:26 PM  Daylight Saving Time Ends	8 68 / 49 85-2005 32-1896 sr 6:45 AM ss 5:25 PM	9 68 / 48 83-2020 21-1901 sr 6:45 AM ss 5:24 PM	10 68 / 48 85-2006 30-1950 sr 6:46 AM ss 5:24 PM  Veteran's Day	11 67 / 48 82-1949 24-1950 sr 6:47 AM ss 5:23 PM  First Quarter	12 67 / 47 81-1999 20-1901 sr 6:48 AM ss 5:22 PM	13 66 / 47 86-2005 22-2019 sr 6:49 AM ss 5:22 PM
14 66 / 46 83-2020 23-1940 sr 6:50 AM ss 5:21 PM	15 65 / 46 84-2016 23-1940 sr 6:51 AM ss 5:21 PM	16 65 / 46 85-2016 31-2008 sr 6:52 AM ss 5:20 PM	17 65 / 45 85-2013 25-2014 sr 6:53 AM ss 5:20 PM	18 64 / 45 80-1899 22-1951 sr 6:53 AM ss 5:19 PM	19 64 / 45 82-1949 21-1903 sr 6:54 AM ss 5:19 PM  Full Moon	20 63 / 44 82-2011 22-1903 sr 6:55 AM ss 5:18 PM
21 63 / 44 81-2007 19-1901 sr 6:56 AM ss 5:18 PM	22 63 / 44 80-2003 24-1898 sr 6:57 AM ss 5:18 PM	23 62 / 43 82-2010 25-1898 sr 6:58 AM ss 5:17 PM	24 62 / 43 82-2010 25-1950 sr 6:59 AM ss 5:17 PM	25 62 / 43 81-1942 25-1950 sr 7:00 AM ss 5:17 PM  Thanksgiving Day	26 61 / 43 80-2012 30-1895 sr 7:01 AM ss 5:16 PM	27 61 / 42 82-2005 26-1895 sr 7:01 AM ss 5:16 PM  Last Quarter
28 61 / 42 85-1949 27-2013 sr 7:02 AM ss 5:16 PM	29 61 / 42 80-1949 26-1889 sr 7:03 AM ss 5:16 PM	30 60 / 42 80-1950 26-1895 sr 7:04 AM ss 5:16 PM *Hurricane Season Ends Today*	Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX.	November Rainfall Avg. 1.96"/7 days driest: 0.01"/2012 wettest: 1.96/1894		

Volunteer COOP weather stations are located in every county and parish.



Temperature, rainfall, evaporation and river data are reported from our 120 sites daily.

December 2021

National Weather Service Shreveport

www.weather.gov/shv

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Normals: High/Low Record: High-Year Record: Low-Year Sunrise Sunset Tyler, TX.	<i>December Rainfall</i> Avg. 0.31"/8 days driest: Trace"/1950 wettest: 1.10"/1896		1 60 / 41 79-2012 26-2020 sr 7:05 AM ss 5:16 PM	2 60 / 41 80-2012 26-1896 sr 7:06 AM ss 5:16 PM	3 60 / 41 83-2005 20-1895 sr 7:07 AM ss 5:16 PM	4 59 / 41 80-2017 11-1897 sr 7:07 AM ss 5:16 PM  <i>New Moon</i>
5 59 / 40 79-2001 11-1897 sr 7:08 AM ss 5:16 PM	6 59 / 40 78-2001 13-1950 sr 7:09 AM ss 5:16 PM	7 59 / 40 77-2007 16-1950 sr 7:10 AM ss 5:16 PM	8 58 / 40 81-2007 21-2005 sr 7:10 AM ss 5:16 PM	9 58 / 40 80-2019 18-2005 sr 7:11 AM ss 5:16 PM	10 58 / 40 76-2020 12-1898 sr 7:12 AM ss 5:16 PM	11 58 / 39 80-2015 15-1898 sr 7:13 AM ss 5:17 PM  <i>First Quarter</i>
12 58 / 39 80-1948 21-2000 sr 7:13 AM ss 5:17 PM	13 58 / 39 78-1948 24-1895 sr 7:14 AM ss 5:17 PM	14 58 / 39 75-2008 21-1901 sr 7:15 AM ss 5:17 PM	15 57 / 39 81-2019 14-1901 sr 7:15 AM ss 5:18 PM	16 57 / 39 77-2006 20-1943 sr 7:16 AM ss 5:18 PM	17 57 / 39 78-2016 18-1901 sr 7:16 AM ss 5:19 PM	18 57 / 39 77-2012 18-1901 sr 7:17 AM ss 5:19 PM
19 57 / 38 77-2012 16-1945 sr 7:18 AM ss 5:19 PM  <i>Full Moon</i>	20 57 / 38 75-2010 12-1901 sr 7:18 AM ss 5:20 PM	21 57 / 38 82-2010 18-1951 sr 7:19 AM ss 5:20 PM  <i>Winter Solstice at 02:59 p.m. CST</i>	22 57 / 38 74-2015 21-1953 sr 7:19 AM ss 5:21 PM	23 57 / 38 77-2015 18-1953 sr 7:20 AM ss 5:21 PM	24 56 / 38 78-1942 20-1953 sr 7:20 AM ss 5:22 PM	25 56 / 38 79-2016 20-2004 sr 7:20 AM ss 5:23 PM  <i>Christmas Day</i>
26 56 / 38 79-2016 22-1998 sr 7:21 AM ss 5:23 PM	27 56 / 38 78-1946 21-1904 sr 7:21 AM ss 5:24 PM  <i>Last Quarter</i>	28 56 / 38 78-2016 7-1894 sr 7:22 AM ss 5:24 PM	29 56 / 38 76-1951 10-1894 sr 7:22 AM ss 5:25 PM	30 56 / 37 83-1951 11-1894 sr 7:22 AM ss 5:26 PM	31 56 / 37 81-1951 22-1894 sr 7:22 AM ss 5:27 PM  <i>New Year's Eve</i>	Scan this QR Code for more about winter safety 