

**2014**

***NWS Amarillo***

***Weather Calendar***







NWS  
Amarillo

The National Weather Service in Amarillo first opened it's doors on January 1, 1892, only a few years after the railroads were built. The National Weather Service has been watching over the weather in the Panhandles 24 hours a day, 7 days a week ever since.



Picture of Mr. Peter Wood, Official in Charge, in front of the original weather office located at 7th and Taylor in downtown Amarillo June 1st, 1903.

# January

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		High(Year)/Low(Year) (Amarillo Records) Normals: High/Low	<b>1</b> 76 (1910) / -8 (1919) Normal: 49 / 23	<b>2</b> 78 (1997) / -8 (1979) Normal: 49 / 23	<b>3</b> 76 (1997) / -8 (1959) Normal: 50 / 23	<b>4</b> 74 (1907) / -11 (1959) Normal: 50 / 23
		sunrise sunset	sr 7:56 am ss 5:46 pm 	sr 7:56 am ss 5:47 pm	sr 7:56 am ss 5:48 pm	sr 7:56 am ss 5:49 pm
<b>5</b> 83 (1927) / -5 (1942) Normal: 50 / 23	<b>6</b> 75 (1927) / -11 (1912) Normal: 50 / 23	<b>7</b> 79 (2006) / -6 (1988) Normal: 50 / 23	<b>8</b> 80 (1909) / -6 (1912) Normal: 50 / 23	<b>9</b> 80 (1909) / -1 (1977) Normal: 50 / 23	<b>10</b> 74 (1990) / -5 (1962) Normal: 50 / 23	<b>11</b> 73 (2000) / -8 (1962) Normal: 50 / 23
sr 7:56 am ss 5:49 pm	sr 7:56 am ss 5:50 pm	sr 7:56 am ss 5:51 pm 	sr 7:56 am ss 5:52 pm	sr 7:56 am ss 5:53 pm	sr 7:56 am ss 5:54 pm	sr 7:56 am ss 5:55 pm
<b>12</b> 79 (1953) / -9 (1963) Normal: 50 / 23	<b>13</b> 75 (1957) / -8 (1963) Normal: 50 / 23	<b>14</b> 78 (1928) / -3 (1963) Normal: 50 / 23	<b>15</b> 75 (1999) / -1 (1905) Normal: 51 / 23	<b>16</b> 73 (1911) / 1 (1930) Normal: 51 / 23	<b>17</b> 73 (1982) / -8 (1930) Normal: 51 / 23	<b>18</b> 74 (1914) / -11 (1984) Normal: 51 / 23
sr 7:56 am ss 5:56 pm	sr 7:56 am ss 5:57 pm	sr 7:55 am ss 5:58 pm	sr 7:55 am ss 5:59 pm 	sr 7:55 am ss 6:00 pm	sr 7:55 am ss 6:00 pm	sr 7:54 am ss 6:01 pm
<b>19</b> 75 (1986) / -7 (1984) Normal: 51 / 23	<b>20</b> 80 (1986) / -2 (1984) Normal: 51 / 23	<b>21</b> 81 (1950) / -2 (1984) Normal: 51 / 23	<b>22</b> 79 (1967) / -6 (1966) Normal: 51 / 24	<b>23</b> 77 (1972) / -4 (1966) Normal: 51 / 24	<b>24</b> 79 (1970) / -2 (1894) Normal: 51 / 24	<b>25</b> 77 (1952) / 0 (1897) Normal: 51 / 24
sr 7:54 am ss 6:02 pm	sr 7:54 am ss 6:03 pm	sr 7:53 am ss 6:04 pm	sr 7:53 am ss 6:06 pm	sr 7:52 am ss 6:07 pm	sr 7:52 am ss 6:08 pm 	sr 7:51 am ss 6:09 pm
<b>26</b> 78 (1975) / -5 (1966) Normal: 51 / 24	<b>27</b> 75 (1970) / -1 (1897) Normal: 52 / 24	<b>28</b> 76 (2003) / -2 (1966) Normal: 52 / 24	<b>29</b> 76 (1911) / -6 (1966) Normal: 52 / 24	<b>30</b> 75 (1911) / -4 (1895) Normal: 52 / 24	<b>31</b> 82 (1911) / -7 (1951) Normal: 52 / 24	
sr 7:50 am ss 6:10 pm	sr 7:50 am ss 6:11 pm	sr 7:49 am ss 6:12 pm	sr 7:49 am ss 6:13 pm	sr 7:48 am ss 6:14 pm 	sr 7:47 am ss 6:15 pm	



February 25th, 2013

# BLIZZARD

*Top 3 All Time Snowfall Total in  
Amarillo (19.1 inches)*





# February

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					High (Year)/Low (Year) (Amarillo Records) Normals: High/Low	<b>1</b> 88 (1963) / -14 (1951) Normal: 52 / 24
					sunrise sunset	sr 7:46 am ss 6:16 pm
<b>2</b> 78 (1934) / -10 (1951) Normal: 52 / 24	<b>3</b> 81 (1934) / -5 (2011) Normal: 52 / 24	<b>4</b> 81 (1925) / -5 (1989) Normal: 52 / 24	<b>5</b> 77 (1950) / -5 (1982) Normal: 52 / 25	<b>6</b> 79 (2009) / -1 (1914) Normal: 52 / 25	<b>7</b> 79 (1918) / -8 (1933) Normal: 53 / 25	<b>8</b> 80 (1957) / -8 (1933) Normal: 53 / 25
sr 7:46 am ss 6:17 pm	sr 7:45 am ss 6:18 pm	sr 7:44 am ss 6:19 pm	sr 7:43 am ss 6:20 pm	sr 7:42 am ss 6:21 pm	sr 7:41 am ss 6:22 pm	sr 7:40 am ss 6:23 pm
<b>9</b> 82 (1976) / -8 (1933) Normal: 53 / 25	<b>10</b> 82 (1962) / -6 (2011) Normal: 53 / 25	<b>11</b> 85 (1962) / -12 (1986) Normal: 53 / 26	<b>12</b> 86 (1962) / -16 (1899) Normal: 53 / 26	<b>13</b> 78 (1954) / -15 (1905) Normal: 54 / 26	<b>14</b> 86 (1979) / -2 (1895) Normal: 54 / 26	<b>15</b> 82 (2000) / -6 (1895) Normal: 54 / 26
sr 7:39 am ss 6:24 pm	sr 7:39 am ss 6:25 pm	sr 7:38 am ss 6:26 pm	sr 7:37 am ss 6:27 pm	sr 7:36 am ss 6:28 pm	sr 7:34 am ss 6:29 pm	sr 7:33 am ss 6:30 pm
<b>16</b> 81 (2011) / -4 (1895) Normal: 54 / 26	<b>17</b> 81 (1970) / -4 (1910) Normal: 54 / 27	<b>18</b> 80 (2004) / 0 (1942) Normal: 55 / 27	<b>19</b> 78 (2011) / 3 (1905) Normal: 55 / 27	<b>20</b> 83 (1981) / 4 (1955) Normal: 55 / 27	<b>21</b> 81 (1996) / 5 (1894) Normal: 56 / 28	<b>22</b> 84 (1996) / 5 (1914) Normal: 56 / 28
sr 7:32 am ss 6:31 pm	sr 7:31 am ss 6:32 pm	sr 7:30 am ss 6:33 pm	sr 7:29 am ss 6:34 pm	sr 7:28 am ss 6:35 pm	sr 7:27 am ss 6:36 pm	sr 7:25 am ss 6:36 pm
<b>23</b> 82 (1918) / 4 (1914) Normal: 56 / 28	<b>24</b> 81 (1918) / 3 (1965) Normal: 56 / 28	<b>25</b> 84 (1904) / 2 (1960) Normal: 57 / 29	<b>26</b> 80 (1981) / 5 (1934) Normal: 57 / 29	<b>27</b> 80 (1976) / 6 (1922) Normal: 57 / 29	<b>28</b> 83 (2006) / 3 (1962) Normal: 58 / 29	
sr 7:24 am ss 6:37 pm	sr 7:23 am ss 6:38 pm	sr 7:22 am ss 6:39 pm	sr 7:21 am ss 6:40 pm	sr 7:19 am ss 6:41 pm	sr 7:18 am ss 6:42 pm	

First Quarter

Valentines Day

Full Moon

President's Day

Last Quarter



# **WATCH** vs **WARNING**

**Watch:** Potential for Hazardous Weather in the Next Few Hours

**Warning:** Hazardous Weather is Occuring or Imminent



Photo courtesy Brady Kendrick

## **Tornado Warning:**






Seek shelter in an interior room on the first floor of a building. Monitor Weather Radio, TV, and other media to receive weather info.

## **Severe Thunderstorm Warning:**


1 inch hail or larger and/or winds over 60 mph are possible with Severe Thunderstorms. Stay indoors & away from windows until the storm passes.



# March

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					High(Year)/Low(Year) (Amarillo Records) Normals: High/Low	1 83 (1941) / -2 (1903) Normal: 58 / 30
					sunrise sunset	sr 7:17 am ss 6:43 pm 
2 84 (1904) / 1 (1922) Normal: 58 / 30	3 80 (1972) / 0 (1960) Normal: 58 / 30	4 85 (2009) / 6 (1917) Normal: 59 / 30	5 87 (1910) / 4 (1948) Normal: 59 / 31	6 84 (1934) / 4 (1948) Normal: 59 / 31	7 84 (1925) / 6 (1996) Normal: 60 / 31	8 83 (1918) / 7 (1967) Normal: 60 / 31
sr 7:15 am ss 6:44 pm	sr 7:14 am ss 6:45 pm	sr 7:13 am ss 6:46 pm	sr 7:12 am ss 6:46 pm	sr 7:10 am ss 6:47 pm	sr 7:09 am ss 6:48 pm	sr 7:08 am ss 6:49 pm 
9 83 (1989) / 11 (1932) Normal: 60 / 32	10 90 (1989) / -2 (1948) Normal: 61 / 32	11 92 (1989) / -3 (1948) Normal: 61 / 32	12 86 (1916) / 9 (1956) Normal: 61 / 32	13 88 (2002) / 8 (1950) Normal: 62 / 33	14 85 (1972) / 7 (1895) Normal: 62 / 33	15 85 (2013) / 11 (1895) Normal: 62 / 33
sr 8:06 am ss 7:50 pm	sr 8:05 am ss 7:51 pm	sr 8:03 am ss 7:52 pm	sr 8:02 am ss 7:52 pm	sr 8:01 am ss 7:53 pm	sr 7:59 am ss 7:54 pm	sr 7:58 am ss 7:55 pm
16 87 (2012) / 14 (1892) Normal: 63 / 33	17 89 (2011) / 7 (1892) Normal: 63 / 34	18 91 (1907) / 7 (1923) Normal: 63 / 34	19 96 (1907) / 12 (1906) Normal: 64 / 34	20 96 (1907) / 8 (1965) Normal: 64 / 34	21 92 (1907) / 10 (1913) Normal: 64 / 34	22 87 (1907) / 12 (1955) Normal: 64 / 35
sr 7:56 am ss 7:56 pm 	sr 7:55 am ss 7:57 pm	sr 7:54 am ss 7:57 pm	sr 7:52 am ss 7:58 pm	sr 7:51 am ss 7:59 pm	sr 7:49 am ss 8:00 pm	sr 7:48 am ss 8:01 pm
23 83 (2002) / 11 (1898) Normal: 65 / 35	24 86 (2012) / 17 (1965) Normal: 65 / 35	25 87 (1998) / 13 (1996) Normal: 65 / 35	26 86 (1991) / 9 (1955) Normal: 66 / 36	27 94 (1971) / 7 (1931) Normal: 66 / 36	28 90 (1963) / 7 (1899) Normal: 66 / 36	29 87 (2012) / 13 (1944) Normal: 66 / 36
sr 7:47 am ss 8:01 pm 	sr 7:45 am ss 8:02 pm	sr 7:44 am ss 8:03 pm	sr 7:42 am ss 8:04 pm	sr 7:41 am ss 8:05 pm	sr 7:40 am ss 8:06 pm	sr 7:38 am ss 8:06 pm
30 87 (2010) / 12 (1987) Normal: 67 / 37	31 92 (1946) / 13 (1926) Normal: 67 / 37					
sr 7:37 am ss 8:07 pm 	sr 7:35 am ss 8:08 pm					

St. Patrick's Day

A large, bright, vertical column of light and dust, likely a tornado, against a dark sky. The column is the central focus, with a bright white core that fades to a yellowish-orange at the edges. The surrounding sky is dark and grainy, with some faint horizontal lines visible. The overall image has a vintage, slightly blurry quality.

The vast majority of tornadoes in the Panhandles are usually weak and short lived and typically occur March-June during the afternoon and evening hours.

The last F-5/EF-5 tornado in the Panhandles was the Glazier-Higgins-Woodward tornado on April 9, 1947.

**Sunray, Texas June 9, 1971 F-2 Tornado**

*Credit: John L. Humphreys*



# April

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	High(Year)/Low(Year) (Amarillo Records) Normals: High/Low	1 92 (1946) / 20 (1948) Normal: 67 / 37	2 88 (2011) / 14 (1936) Normal: 67 / 37	3 91 (2011) / 18 (1920) Normal: 68 / 38	4 87 (1942) / 13 (1920) Normal: 68 / 38	5 90 (2010) / 22 (1994) Normal: 68 / 38
	sunrise sunset	sr 7:34 am ss 8:09 pm	sr 7:33 am ss 8:10 pm	sr 7:31 am ss 8:10 pm	sr 7:30 am ss 8:11 pm	sr 7:28 am ss 8:12 pm
6 93 (1972) / 17 (1994) Normal: 68 / 39	7 89 (1978) / 20 (1938) Normal: 69 / 39	8 89 (2013) / 20 (1938) Normal: 69 / 39	9 90 (2011) / 18 (1973) Normal: 69 / 39	10 91 (1972) / 20 (1952) Normal: 70 / 40	11 91 (1972) / 20 (2013) Normal: 70 / 40	12 93 (1971) / 16 (1940) Normal: 70 / 40
sr 7:27 am ss 8:13 pm	sr 7:26 am ss 8:14 pm	sr 7:24 am ss 8:14 pm	sr 7:23 am ss 8:15 pm	sr 7:22 am ss 8:16 pm	sr 7:20 am ss 8:17 pm	sr 7:19 am ss 8:18 pm
13 90 (2006) / 23 (1997) Normal: 70 / 41	14 91 (2006) / 24 (1933) Normal: 71 / 41	15 93 (1963) / 25 (1983) Normal: 71 / 41	16 94 (1937) / 29 (1974) Normal: 71 / 42	17 90 (1955) / 23 (1921) Normal: 72 / 42	18 94 (1948) / 24 (1953) Normal: 72 / 42	19 92 (1964) / 26 (2013) Normal: 72 / 43
sr 7:18 am ss 8:18 pm	sr 7:16 am ss 8:19 pm	sr 7:14 am ss 8:20 pm	sr 7:12 am ss 8:21 pm	sr 7:12 am ss 8:22 pm	sr 7:11 am ss 8:22 pm	sr 7:10 am ss 8:23 pm
20 91 (1989) / 25 (1966) Normal: 72 / 43	21 91 (1963) / 27 (1982) Normal: 73 / 43	22 98 (1989) / 24 (1907) Normal: 73 / 44	23 93 (2006) / 25 (2013) Normal: 73 / 44	24 95 (2012) / 20 (2013) Normal: 74 / 44	25 99 (2012) / 32 (1997) Normal: 74 / 45	26 92 (1927) / 29 (1924) Normal: 74 / 45
sr 7:09 am ss 8:24 pm	sr 7:07 am ss 8:25 pm	sr 7:06 am ss 8:26 pm	sr 7:05 am ss 8:27 pm	sr 7:04 am ss 8:27 pm	sr 7:03 am ss 8:28 pm	sr 7:02 am ss 8:29 pm
27 92 (1927) / 30 (1995) Normal: 74 / 45	28 92 (1927) / 31 (1994) Normal: 75 / 46	29 94 (2013) / 30 (1907) Normal: 75 / 46	30 97 (2013) / 23 (1907) Normal: 75 / 46			
sr 7:00 am ss 8:30 pm	sr 6:59 am ss 8:31 pm	sr 6:58 am ss 8:31 pm	sr 6:57 am ss 8:32 pm			

First Quarter

Full Moon

Good Friday

Easter Sunday

Last Quarter

New Moon



May 28th, 2013

# HAIL STORM

Ranked as the 10th  
Costliest Storm in Texas



# May

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			High(Year)/Low(Year) (Amarillo Records) Normals: High/Low	1 95 (1992) / 27 (1909) Normal: 75 / 47	2 95 (2012) / 28 (2013) Normal: 76 / 47	3 96 (1996) / 26 (1907) Normal: 76 / 48
			sunrise sunset	sr 6:56 am ss 8:33 pm	sr 6:55 am ss 8:34 pm	sr 6:54 am ss 8:35 pm
4 96 (1947) / 26 (1907) Normal: 76 / 48	5 98 (1940) / 32 (1917) Normal: 77 / 48	6 97 (2000) / 31 (1917) Normal: 77 / 48	7 97 (1916) / 30 (1917) Normal: 77 / 49	8 98 (1996) / 33 (1976) Normal: 77 / 49	9 98 (1996) / 37 (1909) Normal: 78 / 50	10 97 (1962) / 35 (1918) Normal: 78 / 50
sr 6:53 am ss 8:36 pm	sr 6:52 am ss 8:36 pm	sr 6:51 am ss 8:37 pm	sr 6:50 am ss 8:38 pm	sr 6:49 am ss 8:39 pm	sr 6:48 am ss 8:40 pm	sr 6:47 am ss 8:40 pm
11 99 (1962) / 34 (1946) Normal: 78 / 50	12 99 (1962) / 35 (1953) Normal: 78 / 51	13 95 (1960) / 34 (1971) Normal: 79 / 51	14 99 (1996) / 33 (1953) Normal: 79 / 51	15 101 (1996) / 33 (1983) Normal: 79 / 52	16 103 (1996) / 35 (1945) Normal: 80 / 52	17 100 (2013) / 38 (1945) Normal: 80 / 52
sr 6:46 am ss 8:41 pm	sr 6:46 am ss 8:42 pm	sr 6:45 am ss 8:43 pm	sr 6:44 am ss 8:44 pm	sr 6:43 am ss 8:44 pm	sr 6:42 am ss 8:45 pm	sr 6:42 am ss 8:46 pm
18 102 (1996) / 38 (1971) Normal: 80 / 52	19 99 (1996) / 33 (1971) Normal: 80 / 53	20 100 (1925) / 40 (1943) Normal: 81 / 53	21 98 (1966) / 37 (1967) Normal: 81 / 54	22 101 (1996) / 37 (1931) Normal: 81 / 54	23 102 (2000) / 39 (1893) Normal: 81 / 54	24 100 (2000) / 41 (1924) Normal: 82 / 54
sr 6:41 am ss 8:47 pm	sr 6:40 am ss 8:48 pm	sr 6:40 am ss 8:48 pm	sr 6:39 am ss 8:49 pm	sr 6:39 am ss 8:50 pm	sr 6:38 am ss 8:50 pm	sr 6:37 am ss 8:51 pm
25 102 (1953) / 42 (1950) Normal: 82 / 55	26 100 (1953) / 39 (1950) Normal: 82 / 55	27 99 (1945) / 38 (1907) Normal: 82 / 55	28 100 (2011) / 39 (1992) Normal: 83 / 56	29 104 (2011) / 36 (1947) Normal: 83 / 56	30 101 (1998) / 42 (1947) Normal: 83 / 56	31 100 (1953) / 44 (1983) Normal: 84 / 57
sr 6:37 am ss 8:52 pm	sr 6:36 am ss 8:53 pm	sr 6:36 am ss 8:53 pm	sr 6:35 am ss 8:54 pm	sr 6:35 am ss 8:55 pm	sr 6:35 am ss 8:55 pm	sr 6:34 am ss 8:56 pm

First Quarter

Full Moon

Last Quarter

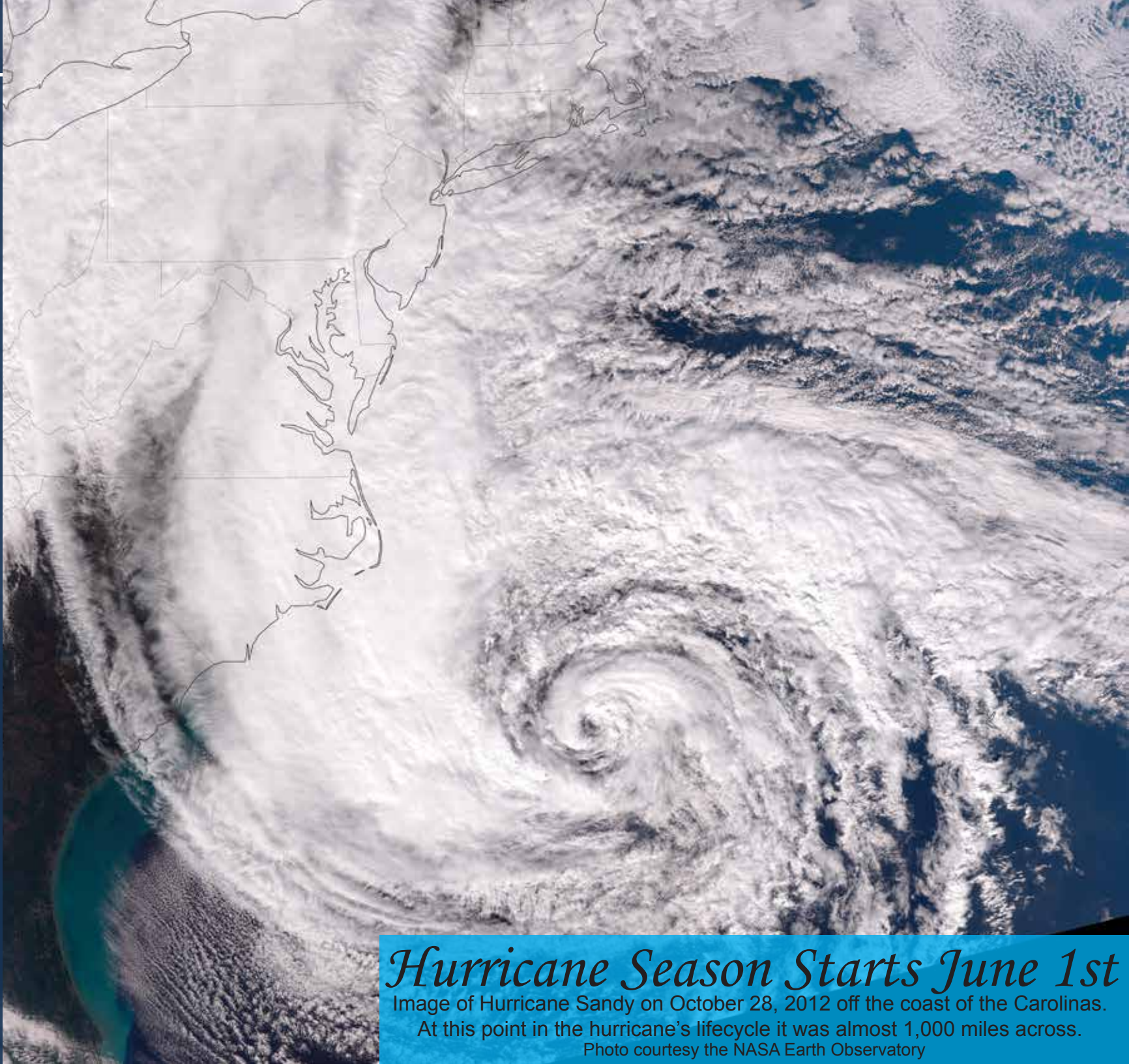
New Moon

Mother's Day

Memorial Day

*2014 Atlantic  
Hurricane Names*

Arthur  
Bertha  
Cristobal  
Dolly  
Edouard  
Fay  
Gonzalo  
Hanna  
Isaias  
Josephine  
Kyle  
Laura  
Marco  
Nana  
Omar  
Paulette  
Rene  
Sally  
Teddy  
Vicky  
Wilfred



*Hurricane Season Starts June 1st*

Image of Hurricane Sandy on October 28, 2012 off the coast of the Carolinas.

At this point in the hurricane's lifecycle it was almost 1,000 miles across.

Photo courtesy the NASA Earth Observatory








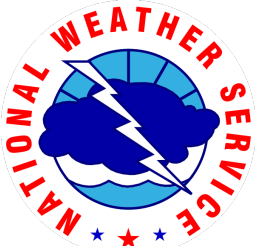
facebook.com/nwsamarillo



twitter.com/nwsamarillo

# June

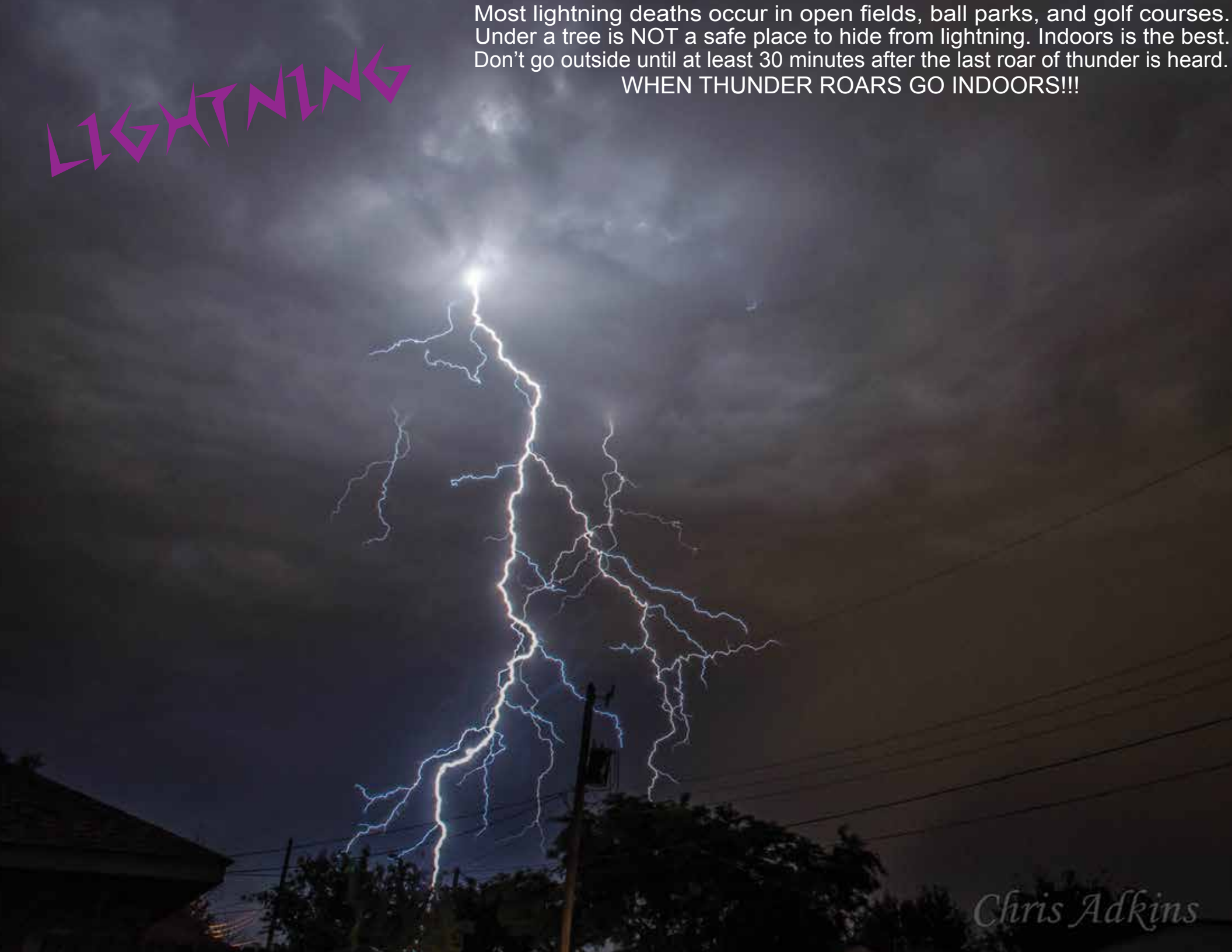
[weather.gov/ama](http://weather.gov/ama)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>1</b> <sup>104</sup> (1998) / <sup>40</sup> (1919) Normal: 84 / 57  sr 6:34 am ss 8:57 pm	<b>2</b> <sup>106</sup> (2008) / <sup>38</sup> (1917) Normal: 84 / 57  sr 6:34 am ss 8:57 pm	<b>3</b> <sup>101</sup> (2008) / <sup>42</sup> (1919) Normal: 84 / 58  sr 6:33 am ss 8:58 pm	<b>4</b> <sup>100</sup> (2008) / <sup>43</sup> (1919) Normal: 85 / 58  sr 6:33 am ss 8:58 pm	<b>5</b> <sup>106</sup> (1990) / <sup>45</sup> (1970) Normal: 85 / 58  sr 6:33 am ss 8:59 pm 	<b>6</b> <sup>102</sup> (1982) / <sup>41</sup> (1998) Normal: 85 / 58  sr 6:33 am ss 8:59 pm	<b>7</b> <sup>102</sup> (2011) / <sup>42</sup> (1915) Normal: 86 / 59  sr 6:33 am ss 9:00 pm
<b>8</b> <sup>106</sup> (1981) / <sup>46</sup> (2007) Normal: 86 / 59  sr 6:32 am ss 9:00 pm	<b>9</b> <sup>106</sup> (1981) / <sup>46</sup> (1955) Normal: 86 / 59  sr 6:32 am ss 9:01 pm	<b>10</b> <sup>100</sup> (2012) / <sup>42</sup> (1955) Normal: 86 / 60  sr 6:32 am ss 9:01 pm	<b>11</b> <sup>102</sup> (2008) / <sup>43</sup> (1955) Normal: 87 / 60  sr 6:32 am ss 9:02 pm	<b>12</b> <sup>105</sup> (1924) / <sup>48</sup> (1903) Normal: 87 / 60  sr 6:32 am ss 9:02 pm	<b>13</b> <sup>106</sup> (2011) / <sup>45</sup> (1947) Normal: 87 / 60  sr 6:32 am ss 9:03 pm 	<b>14</b> <sup>107</sup> (1953) / <sup>44</sup> (1947) Normal: 88 / 61  sr 6:32 am ss 9:03 pm  
<b>15</b> <sup>107</sup> (1939) / <sup>48</sup> (1989) Normal: 88 / 61  sr 6:32 am ss 9:03 pm  	<b>16</b> <sup>107</sup> (2011) / <sup>48</sup> (1981) Normal: 88 / 61  sr 6:32 am ss 9:04 pm	<b>17</b> <sup>106</sup> (1924) / <sup>45</sup> (1912) Normal: 88 / 62  sr 6:32 am ss 9:04 pm	<b>18</b> <sup>105</sup> (1924) / <sup>41</sup> (1912) Normal: 88 / 62  sr 6:33 am ss 9:04 pm	<b>19</b> <sup>104</sup> (2011) / <sup>47</sup> (1912) Normal: 89 / 62  sr 6:33 am ss 9:05 pm 	<b>20</b> <sup>105</sup> (1996) / <sup>46</sup> (1946) Normal: 89 / 62  sr 6:33 am ss 9:05 pm	<b>21</b> <sup>107</sup> (1981) / <sup>50</sup> (1902) Normal: 89 / 63  sr 6:33 am ss 9:05 pm
<b>22</b> <sup>106</sup> (1953) / <sup>46</sup> (1902) Normal: 90 / 63  sr 6:33 am ss 9:05 pm	<b>23</b> <sup>103</sup> (2011) / <sup>53</sup> (1989) Normal: 90 / 63  sr 6:34 am ss 9:05 pm	<b>24</b> <sup>109</sup> (2011) / <sup>53</sup> (1912) Normal: 90 / 63  sr 6:34 am ss 9:06 pm	<b>25</b> <sup>107</sup> (2011) / <sup>52</sup> (1958) Normal: 90 / 63  sr 6:34 am ss 9:06 pm	<b>26</b> <sup>111</sup> (2011) / <sup>48</sup> (1958) Normal: 90 / 64  sr 6:35 am ss 9:06 pm	<b>27</b> <sup>108</sup> (1998) / <sup>51</sup> (1958) Normal: 90 / 64  sr 6:35 am ss 9:06 pm 	<b>28</b> <sup>108</sup> (1998) / <sup>56</sup> (1948) Normal: 91 / 64  sr 6:35 am ss 9:06 pm
<b>29</b> <sup>106</sup> (1957) / <sup>54</sup> (1895) Normal: 91 / 64  sr 6:36 am ss 9:06 pm	<b>30</b> <sup>102</sup> (2012) / <sup>55</sup> (1918) Normal: 91 / 64  sr 6:36 am ss 9:06 pm	High(Year)/Low(Year) (Amarillo Records) Normals: High/Low  sunrise sunset				



Most lightning deaths occur in open fields, ball parks, and golf courses. Under a tree is NOT a safe place to hide from lightning. Indoors is the best. Don't go outside until at least 30 minutes after the last roar of thunder is heard.  
WHEN THUNDER ROARS GO INDOORS!!!

LIGHTNING



*Chris Adkins*



facebook.com/nwsamarillo



twitter.com/nwsamarillo

# July

[weather.gov/ama](http://weather.gov/ama)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	High(Year)/Low(Year) (Amarillo Records) Normals: High/Low	<b>1</b> 105 (1994) / 55 (1907) Normal: 91 / 64	<b>2</b> 103 (1953) / 55 (2013) Normal: 91 / 64	<b>3</b> 103 (1994) / 55 (1924) Normal: 91 / 65	<b>4</b> 102 (1980) / 52 (1903) Normal: 91 / 65 <i>Independence Day</i>	<b>5</b> 101 (1998) / 52 (1924) Normal: 92 / 65 <i>First Quarter</i>
	sunrise sunset	sr 6:36 am ss 9:06 pm	sr 6:37 am ss 9:06 pm	sr 6:37 am ss 9:06 pm	sr 6:38 am ss 9:05 pm	sr 6:38 am ss 9:05 pm
<b>6</b> 104 (1998) / 54 (1997) Normal: 92 / 65	<b>7</b> 103 (2011) / 55 (1952) Normal: 92 / 65	<b>8</b> 103 (2011) / 54 (1994) Normal: 92 / 65	<b>9</b> 106 (2009) / 51 (1905) Normal: 92 / 65	<b>10</b> 105 (1940) / 52 (1905) Normal: 92 / 65	<b>11</b> 103 (2001) / 54 (1895) Normal: 92 / 65	<b>12</b> 104 (2001) / 56 (1999) Normal: 92 / 65 <i>Full Moon</i>
sr 6:39 am ss 9:05 pm	sr 6:39 am ss 9:05 pm	sr 6:40 am ss 9:05 pm	sr 6:41 am ss 9:04 pm	sr 6:41 am ss 9:04 pm	sr 6:42 am ss 9:04 pm	sr 6:42 am ss 9:03 pm
<b>13</b> 104 (1933) / 53 (1987) Normal: 92 / 65	<b>14</b> 104 (1933) / 51 (1990) Normal: 92 / 65	<b>15</b> 102 (2011) / 55 (1973) Normal: 92 / 65	<b>16</b> 104 (2000) / 58 (2013) Normal: 92 / 65	<b>17</b> 103 (1978) / 56 (1900) Normal: 92 / 65	<b>18</b> 105 (1978) / 56 (1984) Normal: 92 / 65	<b>19</b> 102 (1936) / 59 (1960) Normal: 92 / 65 <i>Last Quarter</i>
sr 6:43 am ss 9:03 pm	sr 6:44 am ss 9:02 pm	sr 6:44 am ss 9:02 pm	sr 6:45 am ss 9:02 pm	sr 6:45 am ss 9:01 pm	sr 6:46 am ss 9:01 pm	sr 6:47 am ss 9:00 pm
<b>20</b> 103 (2011) / 55 (1897) Normal: 92 / 65	<b>21</b> 104 (1981) / 55 (1988) Normal: 91 / 65	<b>22</b> 105 (1981) / 55 (1942) Normal: 91 / 65	<b>23</b> 102 (2012) / 57 (2009) Normal: 91 / 65	<b>24</b> 101 (2000) / 55 (1904) Normal: 91 / 65	<b>25</b> 103 (1954) / 54 (1911) Normal: 91 / 65	<b>26</b> 102 (2011) / 55 (2004) Normal: 91 / 65 <i>New Moon</i>
sr 6:48 am ss 8:59 pm	sr 6:48 am ss 8:59 pm	sr 6:49 am ss 8:58 pm	sr 6:50 am ss 8:57 pm	sr 6:50 am ss 8:57 pm	sr 6:51 am ss 8:56 pm	sr 6:52 am ss 8:55 pm
<b>27</b> 104 (1995) / 57 (2005) Normal: 91 / 65	<b>28</b> 102 (2011) / 53 (2005) Normal: 91 / 65	<b>29</b> 102 (2001) / 53 (2005) Normal: 91 / 65	<b>30</b> 104 (1969) / 55 (1971) Normal: 91 / 65	<b>31</b> 105 (1934) / 54 (1971) Normal: 91 / 65		
sr 6:53 am ss 8:55 pm	sr 6:53 am ss 8:54 pm	sr 6:54 am ss 8:53 pm	sr 6:55 am ss 8:52 pm	sr 6:56 am ss 8:51 pm		

The year 2011 went down as the hottest summer and driest year on record since the National Weather Service in Amarillo began collecting records in 1892. Some of the records broken had been standing since the 1930's Dust Bowl.




## Drought & Dust Storms

Picture taken April 18, 1935 in Stratford, Texas during the height of the Dust Bowl.



# August

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				High(Year)/Low(Year) (Amarillo Records) Normals: High/Low	1 105 (2012) / 55 (1925) Normal: 91 / 65	2 106 (2012) / 56 (1925) Normal: 91 / 65
				sunrise sunset	sr 6:56 am ss 8:50 pm	sr 6:57 am ss 8:49 pm
3 107 (2012) / 56 (1915) Normal: 90 / 65	4 104 (2003) / 58 (1894) Normal: 90 / 65	5 103 (2011) / 53 (1974) Normal: 90 / 65	6 104 (2013) / 54 (1974) Normal: 90 / 65	7 105 (2011) / 56 (1997) Normal: 90 / 65	8 105 (2011) / 55 (1997) Normal: 90 / 65	9 101 (2012) / 55 (1912) Normal: 90 / 65
sr 6:58 am ss 8:49 pm	sr 6:59 am ss 8:48 pm	sr 6:59 am ss 8:47 pm	sr 7:00 am ss 8:46 pm	sr 7:01 am ss 8:45 pm	sr 7:02 am ss 8:44 pm	sr 7:02 am ss 8:43 pm
10 103 (1937) / 54 (1915) Normal: 90 / 65	11 103 (2012) / 51 (1979) Normal: 90 / 65	12 103 (1936) / 52 (1979) Normal: 90 / 65	13 102 (1969) / 53 (1920) Normal: 90 / 65	14 103 (1936) / 55 (2002) Normal: 90 / 65	15 102 (1982) / 55 (1994) Normal: 90 / 65	16 103 (1952) / 54 (1994) Normal: 90 / 64
sr 7:03 am ss 8:41 pm	sr 7:04 am ss 8:40 pm	sr 7:05 am ss 8:39 pm	sr 7:06 am ss 8:38 pm	sr 7:06 am ss 8:37 pm	sr 7:07 am ss 8:36 pm	sr 7:08 am ss 8:35 pm
17 102 (1994) / 56 (1950) Normal: 90 / 64	18 104 (1994) / 56 (1981) Normal: 89 / 64	19 102 (1938) / 53 (1956) Normal: 89 / 64	20 101 (2007) / 51 (1956) Normal: 89 / 64	21 101 (1983) / 49 (1956) Normal: 89 / 64	22 101 (2011) / 53 (1966) Normal: 89 / 64	23 102 (2011) / 52 (1966) Normal: 89 / 64
sr 7:09 am ss 8:33 pm	sr 7:09 am ss 8:32 pm	sr 7:10 am ss 8:31 pm	sr 7:11 am ss 8:30 pm	sr 7:12 am ss 8:29 pm	sr 7:12 am ss 8:27 pm	sr 7:13 am ss 8:26 pm
24 103 (2011) / 53 (1928) Normal: 89 / 64	25 102 (1936) / 49 (2010) Normal: 89 / 63	26 100 (2011) / 48 (2010) Normal: 88 / 63	27 102 (2011) / 53 (1906) Normal: 88 / 63	28 102 (2011) / 52 (1987) Normal: 88 / 63	29 100 (1990) / 49 (1917) Normal: 88 / 62	30 103 (2011) / 48 (1915) Normal: 88 / 62
sr 7:14 am ss 8:25 pm	sr 7:15 am ss 8:23 pm	sr 7:15 am ss 8:22 pm	sr 7:16 am ss 8:21 pm	sr 7:17 am ss 8:19 pm	sr 7:18 am ss 8:18 pm	sr 7:18 am ss 8:17 pm
31 103 (2011) / 49 (1915) Normal: 88 / 62						
sr 7:19 am ss 8:15 pm						

# *September is National Preparedness Month*

*Remember, the time to prepare for bad weather is when the weather is nice.*

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facebook.com/nwsamarillo



twitter.com/nwsamarillo

# September

[weather.gov/ama](http://weather.gov/ama)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>High(Year)/Low(Year) (Amarillo Records) Normals: High/Low</p>	<p><b>1</b> 101 (1947) / 48 (1915) Normal: 87 / 62</p> <p>Labor Day</p>	<p><b>2</b> 102 (1947) / 47 (1974) Normal: 87 / 61</p>	<p><b>3</b> 102 (1947) / 46 (1974) Normal: 87 / 61</p>	<p><b>4</b> 102 (2000) / 47 (1984) Normal: 86 / 61</p>	<p><b>5</b> 103 (1995) / 48 (2011) Normal: 86 / 60</p>	<p><b>6</b> 102 (2000) / 44 (1898) Normal: 86 / 60</p>
<p>sunrise sunset</p>	<p>sr 7:20 am ss 8:14 pm</p>	<p>sr 7:21 am ss 8:13 pm</p>	<p>sr 7:21 am ss 8:11 pm</p>	<p>sr 7:22 am ss 8:10 pm</p>	<p>sr 7:23 am ss 8:08 pm</p>	<p>sr 7:24 am ss 8:07 pm</p>
<p><b>7</b> 97 (1939) / 47 (1956) Normal: 86 / 60</p>	<p><b>8</b> 98 (1985) / 47 (2001) Normal: 85 / 59</p>	<p><b>9</b> 97 (2000) / 44 (1941) Normal: 85 / 59</p>	<p><b>10</b> 100 (2000) / 40 (1898) Normal: 85 / 59</p>	<p><b>11</b> 101 (1910) / 37 (1898) Normal: 84 / 58</p>	<p><b>12</b> 97 (2011) / 40 (1898) Normal: 84 / 58</p>	<p><b>13</b> 99 (1956) / 40 (1959) Normal: 84 / 58</p>
<p>sr 7:24 am ss 8:06 pm</p>	<p>sr 7:25 am ss 8:04 pm</p>	<p>sr 7:26 am ss 8:03 pm</p>	<p>sr 7:26 am ss 8:01 pm</p>	<p>sr 7:27 am ss 8:00 pm</p>	<p>sr 7:28 am ss 7:58 pm</p>	<p>sr 7:29 am ss 7:57 pm</p>
<p><b>14</b> 99 (1918) / 40 (1989) Normal: 83 / 57</p>	<p><b>15</b> 98 (2010) / 39 (1993) Normal: 83 / 57</p>	<p><b>16</b> 98 (1956) / 39 (1951) Normal: 83 / 56</p>	<p><b>17</b> 97 (2004) / 40 (1965) Normal: 82 / 56</p>	<p><b>18</b> 99 (1997) / 40 (1971) Normal: 82 / 56</p>	<p><b>19</b> 98 (1983) / 41 (1991) Normal: 82 / 55</p>	<p><b>20</b> 97 (1977) / 37 (1983) Normal: 81 / 55</p>
<p>sr 7:29 am ss 7:56 pm</p>	<p>sr 7:30 am ss 7:54 pm</p>	<p>sr 7:31 am ss 7:53 pm</p>	<p>sr 7:32 am ss 7:51 pm</p>	<p>sr 7:32 am ss 7:50 pm</p>	<p>sr 7:33 am ss 7:48 pm</p>	<p>sr 7:34 am ss 7:47 pm</p>
<p><b>21</b> 97 (1980) / 31 (1983) Normal: 81 / 54</p>	<p><b>22</b> 95 (2000) / 38 (1995) Normal: 80 / 54</p>	<p><b>23</b> 97 (1933) / 38 (1946) Normal: 80 / 53</p>	<p><b>24</b> 98 (1998) / 35 (1989) Normal: 80 / 53</p>	<p><b>25</b> 94 (1951) / 32 (1926) Normal: 79 / 53</p>	<p><b>26</b> 96 (1951) / 32 (1926) Normal: 79 / 52</p>	<p><b>27</b> 98 (1953) / 35 (1996) Normal: 78 / 52</p>
<p>sr 7:35 am ss 7:45 pm</p>	<p>sr 7:35 am ss 7:44 pm</p>	<p>sr 7:36 am ss 7:43 pm</p>	<p>sr 7:37 am ss 7:41 pm</p>	<p>sr 7:38 am ss 7:40 pm</p>	<p>sr 7:38 am ss 7:38 pm</p>	<p>sr 7:39 am ss 7:37 pm</p>
<p><b>28</b> 96 (1977) / 33 (1945) Normal: 78 / 51</p>	<p><b>29</b> 95 (1994) / 32 (1985) Normal: 78 / 51</p>	<p><b>30</b> 95 (1977) / 30 (1984) Normal: 77 / 51</p>				
<p>sr 7:40 am ss 7:35 pm</p>	<p>sr 7:41 am ss 7:34 pm</p>	<p>sr 7:41 am ss 7:32 pm</p>				

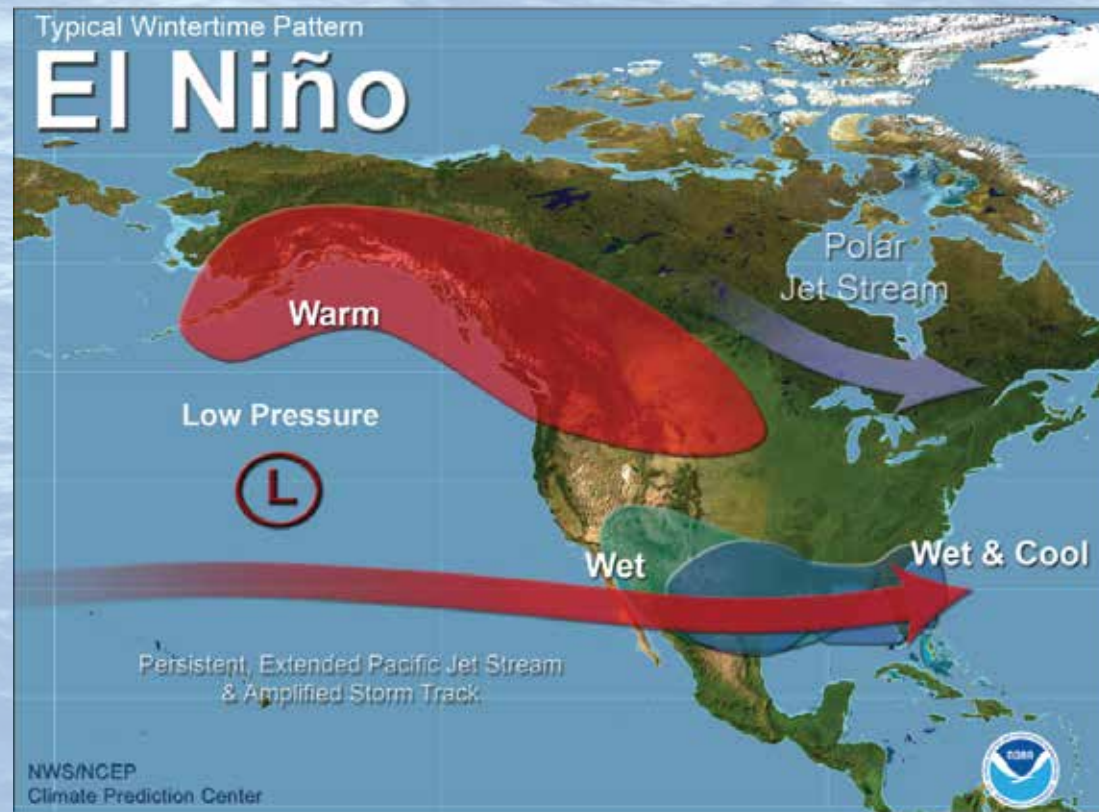


# What is El Niño and La Niña?

El Niño and La Niña are characterized by changes in the sea surface temperature near the equator in the Pacific Ocean.

The sea surface temperatures then have dramatic effects on the weather, not only in the Pacific Ocean, but across the globe. el Nio's typically occur every two to seven years, and La Nia's every three to six years

**El Niño** = Warm Waters  
**La Niña** = Cooler Waters



## Effects on the Panhandles Weather

### El Niño

- More Rain/Snow
- Cooler Temperatures
- More Tornadoes

### La Niña

- Less Rain/Snow
- Warmer Temperatures
- Wild Fires
- Fewer Tornadoes

# October

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		High(Year)/Low(Year) (Amarillo Records) Normals: High/Low	1 95 (2000) / 39 (1985) Normal: 77 / 50	2 94 (1973) / 36 (1999) Normal: 76 / 50	3 99 (2000) / 36 (1902) Normal: 76 / 49	4 95 (1954) / 34 (1902) Normal: 76 / 49
		sunrise sunset	sr 7:42 am ss 7:31 pm	sr 7:43 am ss 7:30 pm	sr 7:44 am ss 7:28 pm	sr 7:44 am ss 7:27 pm
5 92 (1934) / 35 (1985) Normal: 75 / 49	6 92 (1917) / 34 (2001) Normal: 75 / 48	7 94 (1979) / 29 (1952) Normal: 75 / 48	8 95 (1934) / 26 (1976) Normal: 74 / 48	9 91 (1965) / 27 (1970) Normal: 74 / 47	10 93 (1965) / 27 (2009) Normal: 74 / 47	11 92 (1962) / 27 (2009) Normal: 73 / 46
sr 7:45 am ss 7:25 pm	sr 7:46 am ss 7:24 pm	sr 7:47 am ss 7:23 pm	sr 7:48 am ss 7:21 pm	sr 7:48 am ss 7:20 pm	sr 7:49 am ss 7:19 pm	sr 7:50 am ss 7:17 pm
12 91 (1989) / 29 (1986) Normal: 73 / 46	13 93 (1968) / 27 (1986) Normal: 73 / 46	14 94 (1968) / 31 (1969) Normal: 72 / 45	15 88 (1999) / 30 (1966) Normal: 72 / 45	16 91 (1991) / 29 (1976) Normal: 72 / 45	17 92 (1991) / 30 (1976) Normal: 72 / 44	18 89 (1943) / 28 (1948) Normal: 71 / 44
sr 7:51 am ss 7:16 pm	sr 7:52 am ss 7:15 pm	sr 7:53 am ss 7:13 pm	sr 7:53 am ss 7:12 pm	sr 7:54 am ss 7:11 pm	sr 7:55 am ss 7:10 pm	sr 7:56 am ss 7:08 pm
19 90 (2009) / 25 (1989) Normal: 71 / 44	20 90 (2003) / 26 (1982) Normal: 71 / 43	21 90 (1961) / 26 (1898) Normal: 70 / 43	22 89 (1961) / 26 (1906) Normal: 70 / 43	23 90 (2012) / 23 (1906) Normal: 70 / 42	24 88 (2012) / 26 (2005) Normal: 69 / 42	25 88 (1959) / 26 (1997) Normal: 69 / 42
sr 7:57 am ss 7:07 pm	sr 7:58 am ss 7:06 pm	sr 7:59 am ss 7:05 pm	sr 7:59 am ss 7:03 pm	sr 8:00 am ss 7:02 pm	sr 8:01 am ss 7:01 pm	sr 8:02 am ss 7:00 pm
26 90 (1979) / 19 (1997) Normal: 69 / 41	27 86 (1975) / 22 (1997) Normal: 68 / 41	28 85 (1981) / 15 (1917) Normal: 68 / 40	29 90 (1950) / 15 (1917) Normal: 68 / 40	30 86 (1968) / 12 (1993) Normal: 67 / 40	31 86 (2001) / 15 (1991) Normal: 67 / 39	
sr 8:03 am ss 6:59 pm	sr 8:04 am ss 6:58 pm	sr 8:05 am ss 6:57 pm	sr 8:06 am ss 6:56 pm	sr 8:07 am ss 6:55 pm	sr 8:08 am ss 6:54 pm	

Columbus Day

Halloween





# FLOODING









RISE IN CANADIAN RIVER  
SEPT. 8<sup>th</sup> 09  
CANADIAN... TEXAS

- COPYRIGHTED 1909 -  
BY G. A. ADDISON  
CANADIAN... TEXAS.

Most flash flood deaths occur in vehicles.  
Keep children away from creeks and streams when heavy rain is in the area.  
Moving water 2-3 feet deep will carry away most vehicles.  
Be especially careful at night when water depth and road conditions are difficult to see.  
**TURN AROUND DON'T DROWN!!!**



# November

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						<b>1</b> 85 (1994) / 19 (1951) Normal: 67 / 39  sr 8:09 am ss 6:53 pm
<b>2</b> 85 (1994) / 10 (1991) Normal: 66 / 38  sr 7:10 am ss 5:52 pm	<b>3</b> 84 (1931) / 7 (1991) Normal: 66 / 38  sr 7:11 am ss 5:51 pm	<b>4</b> 85 (1916) / 22 (1991) Normal: 65 / 38  sr 7:12 am ss 5:50 pm	<b>5</b> 84 (1924) / 19 (1959) Normal: 65 / 37  sr 7:12 am ss 5:49 pm	<b>6</b> 84 (2009) / 18 (1993) Normal: 65 / 37  sr 7:13 am ss 5:48 pm 	<b>7</b> 86 (1934) / 17 (1947) Normal: 64 / 36  sr 7:14 am ss 5:47 pm	<b>8</b> 87 (1980) / 15 (1955) Normal: 64 / 36  sr 7:15 am ss 5:46 pm
<b>9</b> 84 (1934) / 16 (2000) Normal: 63 / 35  sr 7:16 am ss 5:45 pm 	<b>10</b> 83 (1927) / 9 (1950) Normal: 63 / 35  sr 7:17 am ss 5:45 pm	<b>11</b> 81 (2007) / 13 (1911) Normal: 62 / 34  sr 7:18 am ss 5:44 pm Veterans Day	<b>12</b> 83 (1995) / 10 (1911) Normal: 62 / 34  sr 7:19 am ss 5:43 pm	<b>13</b> 81 (1973) / 6 (1916) Normal: 61 / 34  sr 7:20 am ss 5:43 pm	<b>14</b> 80 (1988) / 5 (1916) Normal: 61 / 33  sr 7:21 am ss 5:42 pm 	<b>15</b> 80 (1965) / 15 (1976) Normal: 60 / 33  sr 7:22 am ss 5:41 pm
<b>16</b> 82 (1966) / 11 (1955) Normal: 60 / 32  sr 7:23 am ss 5:41 pm	<b>17</b> 82 (1896) / 11 (1959) Normal: 59 / 32  sr 7:24 am ss 5:40 pm	<b>18</b> 81 (1942) / 11 (1903) Normal: 59 / 31  sr 7:25 am ss 5:39 pm	<b>19</b> 82 (2007) / 13 (1906) Normal: 58 / 31  sr 7:26 am ss 5:39 pm	<b>20</b> 85 (2007) / 4 (1906) Normal: 58 / 30  sr 7:27 am ss 5:38 pm	<b>21</b> 81 (1966) / 4 (1906) Normal: 57 / 30  sr 7:28 am ss 5:38 pm	<b>22</b> 83 (1998) / 7 (1929) Normal: 57 / 30  sr 7:29 am ss 5:38 pm 
<b>23</b> 79 (1965) / 3 (1957) Normal: 56 / 29  sr 7:30 am ss 5:37 pm	<b>24</b> 78 (1981) / 11 (2003) Normal: 56 / 29  sr 7:31 am ss 5:37 pm	<b>25</b> 81 (1970) / 8 (1993) Normal: 55 / 28  sr 7:32 am ss 5:36 pm	<b>26</b> 80 (1995) / 3 (1980) Normal: 55 / 28  sr 7:33 am ss 5:36 pm	<b>27</b> 79 (1998) / 6 (1976) Normal: 54 / 28  sr 7:34 am ss 5:36 pm Thanksgiving	<b>28</b> 81 (1949) / 0 (1976) Normal: 54 / 27  sr 7:35 am ss 5:36 pm	<b>29</b> 77 (1970) / 3 (1976) Normal: 54 / 27  sr 7:36 am ss 5:35 pm 
<b>30</b> 79 (1973) / 10 (2006) Normal: 53 / 27  sr 7:37 am ss 5:35 pm						








*Winter weather is the #1 cause for weather related fatalities in the Panhandles, even more than tornadoes, lightning flooding, and fires combined. Approximately 70% of all fatalities are vehicle related, so use extra caution when driving.*

# WINTER WEATHER





# December

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>High(Year)/Low(Year) (Amarillo Records) Normals: High/Low</p>	<p><b>1</b> 77 (1917) / 8 (1985) Normal: 53 / 26</p>	<p><b>2</b> 78 (2012) / 4 (1985) Normal: 52 / 26</p>	<p><b>3</b> 75 (2010) / -1 (1897) Normal: 52 / 26</p>	<p><b>4</b> 79 (1958) / 7 (1897) Normal: 52 / 26</p>	<p><b>5</b> 74 (1987) / 4 (1972) Normal: 51 / 25</p>	<p><b>6</b> 83 (1939) / -1 (1972) Normal: 51 / 25</p>
<p>sunrise sunset</p>	<p>sr 7:37 am ss 5:35 pm</p>	<p>sr 7:38 am ss 5:35 pm</p>	<p>sr 7:39 am ss 5:35 pm</p>	<p>sr 7:40 am ss 5:35 pm</p>	<p>sr 7:41 am ss 5:35 pm</p>	<p>sr 7:42 am ss 5:35 pm </p>
<p><b>7</b> 77 (2007) / 3 (2005) Normal: 51 / 25</p>	<p><b>8</b> 77 (1984) / -3 (2005) Normal: 50 / 25</p>	<p><b>9</b> 80 (1996) / -4 (1978) Normal: 50 / 24</p>	<p><b>10</b> 80 (1933) / -1 (1898) Normal: 50 / 24</p>	<p><b>11</b> 80 (1939) / 1 (1932) Normal: 50 / 24</p>	<p><b>12</b> 76 (1995) / -3 (1961) Normal: 50 / 24</p>	<p><b>13</b> 78 (1921) / 1 (1919) Normal: 49 / 24</p>
<p>sr 7:43 am ss 5:35 pm</p>	<p>sr 7:43 am ss 5:35 pm</p>	<p>sr 7:44 am ss 5:35 pm</p>	<p>sr 7:45 am ss 5:35 pm</p>	<p>sr 7:46 am ss 5:35 pm</p>	<p>sr 7:46 am ss 5:36 pm</p>	<p>sr 7:47 am ss 5:36 pm</p>
<p><b>14</b> 69 (1977) / -1 (1901) Normal: 49 / 24</p>	<p><b>15</b> 76 (2010) / -5 (1987) Normal: 49 / 24</p>	<p><b>16</b> 75 (2006) / -5 (1987) Normal: 49 / 24</p>	<p><b>17</b> 77 (1980) / 2 (1964) Normal: 49 / 24</p>	<p><b>18</b> 74 (1978) / -3 (1924) Normal: 49 / 23</p>	<p><b>19</b> 71 (1921) / -6 (1924) Normal: 49 / 23</p>	<p><b>20</b> 75 (1894) / -3 (1924) Normal: 49 / 23</p>
<p>sr 7:48 am ss 5:36 pm </p>	<p>sr 7:48 am ss 5:36 pm</p>	<p>sr 7:49 am ss 5:37 pm</p>	<p>sr 7:50 am ss 5:37 pm</p>	<p>sr 7:50 am ss 5:38 pm</p>	<p>sr 7:51 am ss 5:38 pm</p>	<p>sr 7:51 am ss 5:38 pm</p>
<p><b>21</b> 77 (2003) / -4 (1983) Normal: 49 / 23</p>	<p><b>22</b> 75 (1955) / -8 (1989) Normal: 49 / 23</p>	<p><b>23</b> 80 (1955) / -6 (1990) Normal: 49 / 23</p>	<p><b>24</b> 81 (1955) / -3 (1983) Normal: 49 / 23</p>	<p><b>25</b> 73 (1979) / 2 (1983) Normal: 49 / 23</p>	<p><b>26</b> 75 (2005) / 5 (1990) Normal: 49 / 23</p>	<p><b>27</b> 72 (2006) / 2 (1911) Normal: 49 / 23</p>
<p>sr 7:52 am ss 5:39 pm </p>	<p>sr 7:52 am ss 5:39 pm</p>	<p>sr 7:53 am ss 5:40 pm</p>	<p>sr 7:53 am ss 5:41 pm</p>	<p>sr 7:54 am ss 5:41 pm</p>	<p>sr 7:54 am ss 5:42 pm</p>	<p>sr 7:54 am ss 5:42 pm</p>
<p><b>28</b> 73 (1955) / -2 (1983) Normal: 49 / 23</p>	<p><b>29</b> 74 (1965) / -5 (1983) Normal: 49 / 23</p>	<p><b>30</b> 77 (1921) / -1 (1990) Normal: 49 / 23</p>	<p><b>31</b> 75 (1909) / -2 (1918) Normal: 49 / 23</p>			
<p>sr 7:55 am ss 5:43 pm </p>	<p>sr 7:55 am ss 5:44 pm</p>	<p>sr 7:55 am ss 5:44 pm</p>	<p>sr 7:56 am ss 5:45 pm</p>			

Christmas Day

New Years Eve