

Amarillo, Texas Records (1892-Present)

	Record High (°F)	Record Low (°F)	Record Monthly Precipitation
January	83	-11	2.67"
February	88	-16#	2.93"
March	96	-3	4.14"
April	99	13	6.45"
May	104	26	9.81"
June	111*	38	10.73"
July	106	51	8.02"
August	107	48	8.07"
September	103	30	6.42"
October	99	12	7.64"
November	87	0	5.09"
December	83	-8	4.52"

* All-time Record High: 111° F (6/23/2011)
All-time Record Low: -16° F (2/12/1899)
Rainiest Day: 5.74" (7/7/2010)

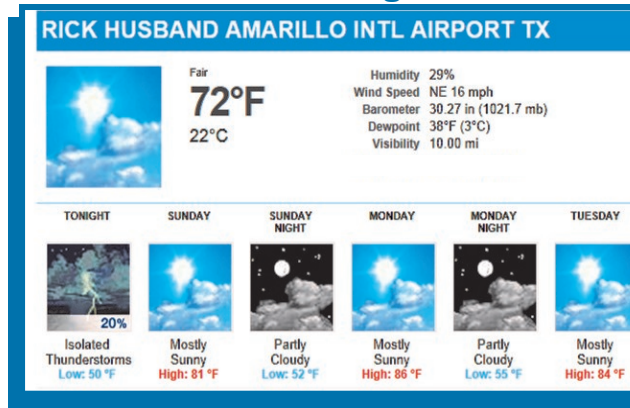
Severe Weather Climatology

For the 23 counties of the Texas and Oklahoma Panhandles, here are a few severe weather stats:

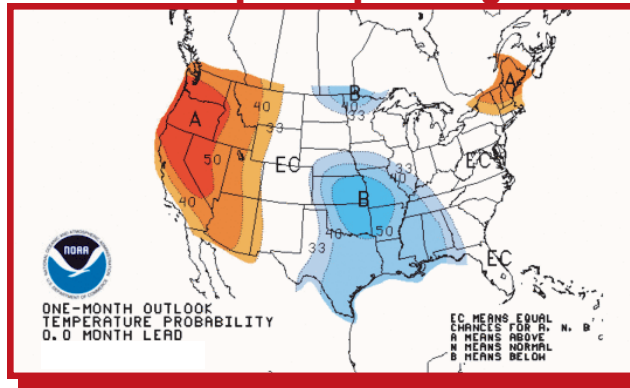
- First reported Amarillo tornado - June 6, 1908
- Average 21 tornadoes per year
- The last violent tornado - June 8, 1995 (4 F4/EF4 tornadoes occurred including Pampa)
- Record earliest and latest tornadoes - February 3, 2012 and December 14, 2012
- 93% of all hail events occur between May and September
- Largest hail size - 6.0" June 12, 2010 (Sunray)
- Highest thunderstorm wind at Amarillo - 84 mph as tornado passed within 0.8 miles (May 15, 1949)

For More Information...

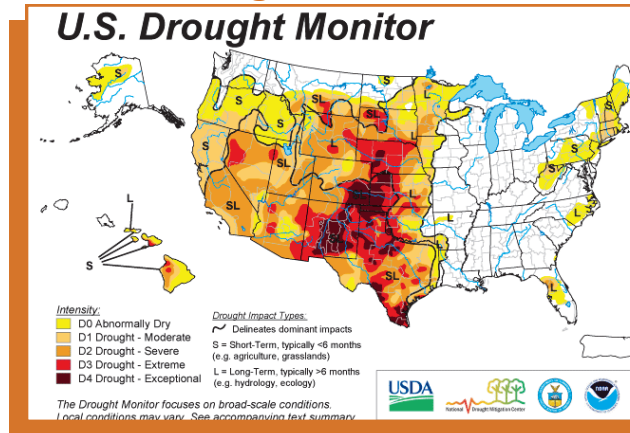
NWS 7-Day Forecast
www.weather.gov/ama



Climate Prediction Center Outlooks
www.cpc.ncep.noaa.gov



U.S. Drought Monitor
www.droughtmonitor.unl.edu



Don't Like the Weather?
Just Wait 5 Minutes...

Texas and Oklahoma
Panhandles Climate Guide



National Weather Service
Amarillo, TX
(806) 335-1121
www.weather.gov/ama



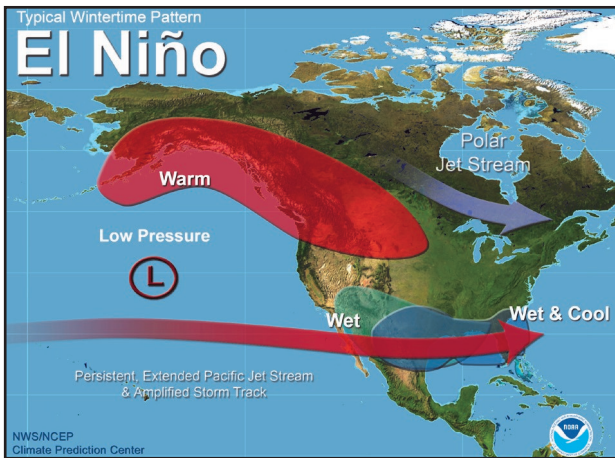
US National Weather Service Amarillo Texas

@NWSAmarillo

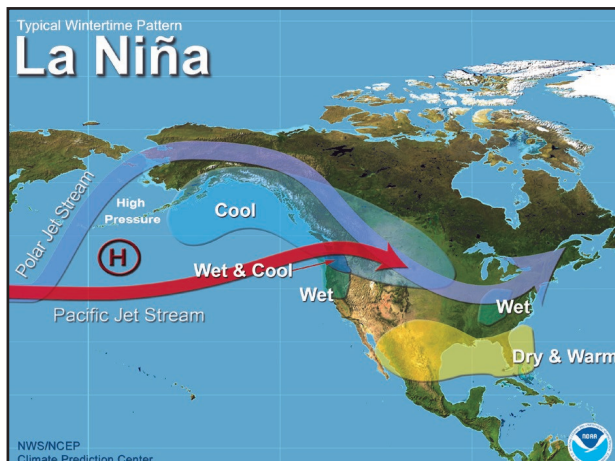
El Niño and La Niña Explained

The El Niño-Southern Oscillation (ENSO) climate pattern best determines whether the Panhandles will experience wet or dry conditions in any given year. This pattern is measured by the water temperatures in the eastern Pacific along the Equator. If these waters are warmer than normal, El Niño conditions are present. If these are cooler than normal, La Niña conditions are present.

For the Panhandles and much of the South, El Niños bring typically cooler and wetter weather. The last El Niño was in 2009-2010.



La Niñas typically bring drier and warmer weather to the Panhandles. The last La Niña was in 2010-2012 and ushered in a prolonged period of drought in the region.



Weather vs. Climate

We're all familiar with weather—"It's raining today," "Winds might gust to 45 mph tomorrow afternoon," "Expect high temperatures in the 70's for the weekend." **Weather** is the state of the atmosphere that just happened or is happening soon.

But what about climate? **Climate** is the longer-term, slowly changing state of the atmosphere—"Summer 2012 was the hottest on record," "The normal high for February 12th is 53°," "Expect an El Niño pattern to continue into next spring."

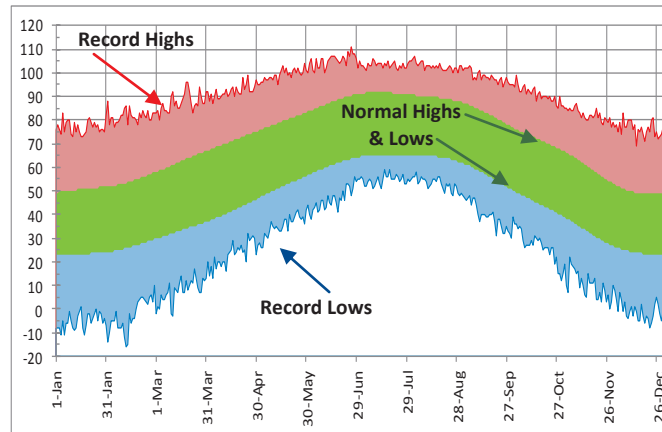
"Climate is what you expect. Weather is what you get."

Selected Normals for the Texas and Oklahoma Panhandles

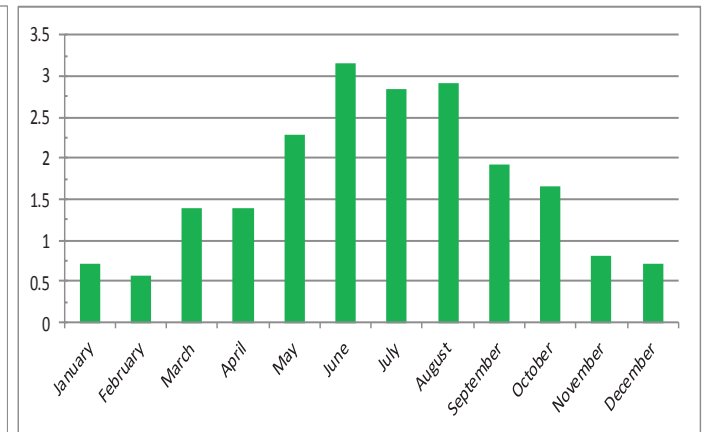
	Amarillo	Clarendon	Dalhart	Perryton	Guymon
Annual Precipitation	20.36"	24.02"	17.59"	22.10"	19.30"
Average July High	91.4°	94.7°	91.4°	92.4°	94.0°
Average January Low	23.4°	23.8°	19.4°	19.0°	21.6°
Rainiest Month	June (3.16")	June (3.53")	August (2.85")	June (3.32")	June (2.94")
First/Last Freeze	Oct 19/ Apr 17	Oct 23/ Apr 11	Oct 14/ Apr 23	Oct 17/ Apr 22	Oct 14/ Apr 24
Winter Snowfall	17.8"	4.8"	18.9"	18.3"	12.5"

What is Normal?

It could be said that the only thing "normal" about weather in the Panhandles, is that it's bound to change soon. However, when talking about **normals**, we mean the expected weather conditions based on the average weather from a recent 30-year period. The current normals were calculated on data from the years 1981-2010.



Amarillo Record & Normal Temperatures



Amarillo Monthly Precipitation Normals