



TEXAS CLIMATIC BULLETIN

Office of the Texas State Climatologist
College of Geosciences
Department of Meteorology
Texas A&M University

VOLUME 19 NUMBER 7

JULY 2006

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Station	Avg Max Temp	Dep	Avg Min Temp	Dep	Mean Temp	Dep	Abs Max Temp	Abs Min Temp	No. of Days Precip.	Total Pcpn (In)	% of Avg Pcpn	Gr'st 24 hr Pcpn	HDD*	CDD*
Abilene	96.3	1.5	72.7	0.4	84.5	1.0	102	65	2	0.39	23%	0.32	0	612
Amarillo	91.2	0.2	65.3	0.0	78.3	0.0	100	60	7	4.40	164%	3.27	0	418
Austin	95.8	0.6	73.0	-1.0	84.4	-0.2	102	69	4	0.97	48%	0.49	0	609
Brownsville	93.5	1.1	76.5	1.1	85.0	1.1	98	73	9	1.90	107%	0.65	0	626
College Station	92.7	-2.9	74.8	1.2	83.8	-1.0	100	71	8	5.86	305%	2.09	0	588
Corpus Christi	90.4	-2.8	75.4	1.0	82.9	-0.9	96	72	10	5.26	263%	1.58	0	563
Dallas/Ft. Worth	98.4	3.0	77.0	2.4	87.7	2.7	107	68	4	1.78	84%	1.45	0	711
Del Rio	98.2	2.0	76.1	1.8	87.2	1.9	104	69	1	0.01	0%	0.01	0	693
El Paso	94.7	0.2	72.6	0.6	83.7	0.4	104	67	7	3.17	213%	1.01	0	585
Galveston	88.3	-0.4	79.0	-0.8	83.7	-0.6	94	73	13	9.39	272%	2.86	0	584
Houston	91.2	-2.4	75.3	1.8	83.3	-0.3	97	73	12	7.85	247%	2.73	0	574
Lubbock	96.0	4.1	69.7	2.0	82.9	3.1	102	63	4	0.62	29%	0.43	0	561
Midland	97.2	2.9	72.4	3.3	84.8	3.1	102	65	3	1.55	82%	1.49	0	621
Port Arthur	90.0	-1.6	74.9	1.1	82.5	-0.3	96	72	15	14.82	283%	9.59	0	549
San Angelo	97.0	2.6	71.5	1.1	84.3	1.8	103	64	4	0.87	79%	0.68	0	604
San Antonio	96.5	1.9	74.9	0.9	85.7	1.4	102	70	6	1.41	69%	0.49	0	651
Victoria	90.8	-2.6	74.0	-1.0	82.4	-1.8	97	72	13	8.86	306%	5.96	0	546
Waco	98.1	1.4	74.9	0.8	86.5	1.1	106	67	2	0.33	15%	0.33	0	677
Wichita Falls	102.0	4.8	74.8	2.4	88.4	3.6	109	65	1	0.09	6%	0.09	0	734
Shreveport, LA	96.1	2.8	74.6	1.2	85.4	1.9	105	69	5	4.74	119%	3.50	0	639

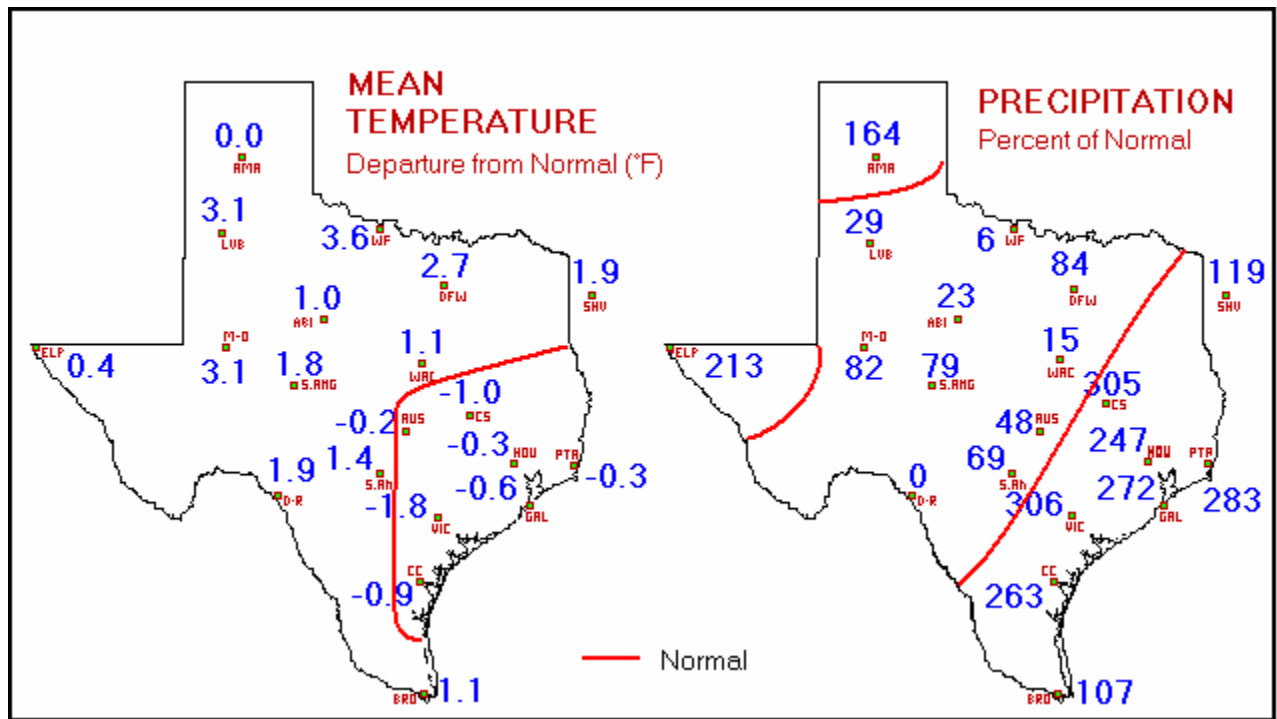
* Complete temperature data were unavailable. Temperatures are rounded to the nearest whole degree.

*HDD - Heating degree-day: Refer to the Monthly Average chart for a definition

T = Trace (<0.005")

*CDD - Cooling degree-day: Refer to the Monthly Average chart for a definition

M: Information not available.



CLIMATIC AVERAGES FOR AUGUST

Station	Avg Max Temp	Avg Min Temp	Rec High Max Temp	Rec Low Min Temp	Avg Pcpn (In)	Gr'st Mon Pcpn (In)	Gr'st 24 hr Pcpn (In)	Mean # of Days			HDD*	CDD*
								Max. T >90°F	Min. T <32°F	Pcpn >or= 0.01"		
Abilene	94	71	109	50	2.63	8.18	6.30	24	0	6	0	544
Amarillo	89	64	106	49	2.94	7.55	4.26	16	0	9	1	351
Austin	95	74	106	61	2.51	8.90	4.68	28	0	5	0	604
Brownsville	93	75	102	63	2.99	9.56	5.48	28	0	7	0	588
College Station	96	73	108	58	2.63	12.60	9.89	28	0	5	0	611
Corpus Christi	93	75	103	64	3.54	14.79	8.92	27	0	6	0	587
Dallas/Ft. Worth	95	74	108	56	2.03	6.85	4.05	26	0	5	0	601
Del Rio	96	74	109	64	2.16	6.10	3.81	28	0	4	0	622
El Paso	92	70	108	56	1.75	5.57	2.30	24	0	8	0	498
Galveston	89	80	100	67	4.22	19.08	10.86	5	0	9	0	601
Houston	94	73	107	60	3.83	9.42	6.83	25	0	9	0	566
Lubbock	90	66	106	52	2.35	8.85	3.78	19	0	7	0	404
Midland	93	68	107	54	1.77	4.43	2.41	22	0	6	0	476
Port Arthur	92	73	107	60	4.85	17.26	8.45	24	0	12	0	543
San Angelo	93	69	109	54	2.05	8.13	3.00	26	0	5	0	505
San Antonio	95	74	108	61	2.57	11.14	5.57	28	0	5	0	596
Victoria	94	75	107	62	3.05	7.30	6.14	28	0	8	0	596
Waco	97	74	112	53	1.85	8.91	4.80	28	0	5	0	627
Wichita Falls	96	71	113	53	2.38	7.61	4.62	26	0	6	0	574
Shreveport, LA	93	72	107	54	2.71	9.23	4.64	25	0	7	0	532

Records are at the current site, other records may have occurred at previous sites.

*CDD - Cooling degree-day: The difference between the mean individual daily temperature and 65°F, with one CDD resulting for each degree above the standard 65°F during one day.

*HDD - Heating degree-day: The difference between the mean individual daily temperature and 65°F, with one HDD resulting for each degree below the standard 65°F during one day.

All times given for sunrise, sunset, and moon phase times are calculated for the intersection of Meridian 99°10' W and parallel 31°23' N, which is the approximate geographic center of the state.

Climate-related Agricultural Information

<http://agnews.tamu.edu/dailynews/stories/CROP/>

Past Weather Events in August

August 6, 1844: Hurricane. Mouth of Rio Grande. All housing destroyed at the mouth of the river and at Brazos Santiago, eight miles north; 70 lives lost.

August 19-21, 1886: Hurricane. Indianola. Every house destroyed or damaged. Indianola never rebuilt.

August 16-19, 1915: Hurricane. Galveston. Peak wind gusts of 120 miles recorded at Galveston; tide ranged 9.5 to 14.3 feet above mean sea level in the city, and up to 16.1 feet near the causeway. Business section flooded with 5 to 6 feet of water. At least 275 lives lost, damage \$56 million. A new seawall prevented a repetition of the 1900 disaster.

August 13, 1932: Hurricane. Near Freeport, Brazoria County. Wind speed at East Columbia estimated at 100 miles per hour; 40 lives lost, 200 injured; damage \$7,500,000.

August 1-4, 1978: Heavy rains, flooding. Edwards Plateau, Low Rolling Plains. Remnants of Tropical Storm Amelia caused some of the worst flooding of this century. As much as 30 inches of rain fell near Albany in Shackelford County, where six drownings were reported. Bandera, Kerr, Kendall and Gillespie counties were hit hard, as 27 people drowned and the damage total was at least \$50 million.

August 9-11, 1980: Hurricane Allen hit South Texas and left three dead, causing \$650-\$750 million in property and crop damages. Over 250,000 coastal residents had to be evacuated. The worst damage occurred along Padre Island and in Corpus Christi. Over 20 inches of rain fell in extreme South Texas, and 29 tornadoes occurred; one of the worst hurricane-related outbreaks.

August 15-21, 1983: Hurricane Alicia was the first hurricane to make landfall in the continental U.S. in three years, and one of the costliest in Texas history (\$3 billion). Alicia caused widespread damage to a large section of Southeast Texas, including coastal areas near Galveston and the entire Houston area. Alicia spawned 22 tornadoes, and the highest winds were estimated near 130 mph. In all, 18 people in South Texas were killed and 1,800 injured as a result of the tropical storm.

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