

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1900 ft. Lat: 34.0067° N Lon: 100.2989° W
Station: PADUCAH, TX US USC00416740
Generated on 04/27/2024

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	55.1	27.4	41.2	4.4	2.7	3.0	7.9	4.5	1.6	0.2	0.0	0.0	434.1	492.7	582.8	736.4	0.0	0.0	21.4	1.9	21.5	0.0
02	58.8	30.9	44.8	5.3	3.5	4.0	23.4	15.0	7.0	1.6	0.4	0.1	307.4	355.1	431.0	565.7	0.0	0.2	21.6	1.3	14.7	0.0
03	67.6	38.8	53.2	4.0	3.3	3.3	100.3	74.8	44.9	15.2	3.1	1.5	156.1	192.7	255.7	381.0	0.0	1.1	28.1	0.3	6.3	0.0
04	76.5	46.9	61.7	4.1	2.8	3.1	240.0	195.1	136.1	63.3	22.7	14.1	39.0	54.1	85.1	162.3	0.3	4.2	29.3	0.0	0.9	0.0
05	84.5	57.1	70.8	4.9	2.8	3.5	493.2	434.1	348.8	219.3	116.1	85.7	3.5	6.3	14.0	39.5	3.1	10.3	30.9	0.0	0.0	0.0
06	92.9	66.1	79.5	4.9	1.8	3.3	735.0	675.0	585.1	436.2	291.1	235.7	0.1	0.1	0.3	1.3	7.0	21.0	30.0	0.0	0.0	0.0
07	97.2	70.0	83.6	3.5	1.8	2.5	886.5	824.5	731.5	576.5	422.1	361.1	0.0	0.0	0.0	0.0	13.6	28.0	31.0	0.0	0.0	0.0
08	96.4	68.6	82.5	3.9	1.9	2.8	852.4	790.4	697.3	542.6	389.1	328.9	0.0	0.0	0.0	0.3	12.2	26.3	31.0	0.0	0.0	0.0
09	87.6	61.1	74.3	4.3	2.4	3.1	581.6	522.5	435.0	295.7	172.5	129.9	1.1	2.0	4.5	15.2	2.8	14.6	30.0	0.0	0.0	0.0
10	77.4	49.2	63.3	4.0	2.4	2.7	286.3	236.2	168.6	81.1	28.3	16.1	29.1	41.0	66.4	133.8	0.1	4.8	30.6	0.0	0.6	0.0
11	65.3	37.6	51.4	4.8	3.5	3.9	71.5	50.8	27.6	7.6	1.3	0.5	178.0	217.3	284.1	414.1	0.0	0.2	26.6	0.3	7.8	0.0
12	55.3	28.7	42.0	3.9	2.1	2.6	9.3	5.1	1.8	0.1	0.0	0.0	412.0	469.9	559.5	712.9	0.0	0.0	20.6	1.6	19.7	0.0
Summary	76.2	48.5	62.4	4.3	2.6	3.2	4287	3828	3185	2239	1447	1174	1560	1831	2283	3162	39.1	110.7	331.1	5.4	71.5	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	0.84	3.1	1.9	0.7	0.2	0.09	0.82	1.47
02	0.88	2.8	2.2	0.7	0.2	0.32	0.59	1.36
03	1.62	3.9	2.9	0.8	0.3	0.47	0.98	1.96
04	2.36	4.3	3.3	1.6	0.7	0.58	1.56	3.58
05	3.32	7.0	5.4	2.5	1.1	1.80	3.10	4.54
06	3.54	6.2	4.7	2.3	1.0	1.83	3.22	4.99
07	1.89	4.7	3.2	1.4	0.4	0.82	1.58	2.18
08	2.20	5.2	3.7	1.7	0.7	0.81	1.87	3.26
09	2.93	5.5	4.5	2.1	0.8	0.96	2.85	4.12
10	1.91	4.5	3.4	1.3	0.5	0.51	1.64	2.93
11	1.35	3.1	2.2	0.8	0.5	0.28	0.65	1.71
12	1.04	3.1	1.9	0.7	0.3	0.09	0.74	1.67
Summary	23.88	53.4	39.3	16.6	6.7	8.56	19.60	33.77

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	0.70	0.5	0.3	0.1	0.0	0.0	0.7	0.1	0.0	0.0	0.00	0.00	0.30
02	1.10	0.5	0.3	0.2	0.1	0.0	0.4	0.3	0.1	0.0	0.00	0.00	0.60
03	0.20	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
04	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.40	0.2	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.00
12	1.10	0.8	0.6	0.0	0.0	0.0	0.9	0.3	0.1	0.0	0.00	0.00	2.10
Summary	3.6	2.2	1.4	0.3	0.1	0.0	2.5	0.8	0.2	0.0	0.0	0.0	3.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	146.7	201.3	430.9	653.3	954.8	1184.7	1351.4	1317.1	1030.4	723.9	365.3	155.2
45	71.7	117.1	298.7	507.7	800.0	1034.8	1196.4	1162.2	880.4	571.9	243.0	78.9
50	27.4	58.1	185.8	367.7	645.7	884.9	1041.5	1007.3	730.5	424.2	143.7	30.7
55	7.9	23.4	100.3	240.0	493.2	735.0	886.5	852.4	581.6	286.3	71.5	9.3
60	1.6	7.0	44.9	136.1	348.8	585.1	731.5	697.3	435.0	168.6	27.6	1.8
Growing Degree Units for Corn (Monthly)												
50/86	135.1	160.3	290.4	410.8	599.7	766.9	862.9	838.1	664.0	456.2	247.6	132.3

Growing Degree Units (Accumulated Monthly)												
40	147	348	779	1432	2387	3572	4923	6240	7271	7994	8360	8515
45	72	189	488	995	1795	2830	4026	5189	6069	6641	6884	6963
50	27	86	271	639	1285	2170	3211	4218	4949	5373	5517	5547
55	8	31	132	372	865	1600	2486	3339	3920	4207	4278	4287
60	2	9	54	190	538	1124	1855	2552	2987	3156	3184	3185
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	135	295	586	997	1596	2363	3226	4064	4728	5184	5432	5564

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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