

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 296 ft. Lat: 29.4744° N Lon: 97.4481° W
Station: GONZALES 2S, TX US USC00413622

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	62.1	40.1	51.1	4.3	3.2	3.4	66.9	48.2	27.9	9.6	1.7	0.5	187.6	231.0	303.6	440.4	0.0	0.0	26.2	0.3	6.4	0.0
02	65.9	43.7	54.8	4.6	3.4	3.6	105.2	79.8	50.0	18.4	4.0	1.9	110.7	141.2	195.5	303.9	0.0	0.1	25.2	0.1	3.2	0.0
03	72.5	51.0	61.7	3.5	4.1	3.6	249.4	202.5	141.3	63.8	18.9	9.3	40.2	55.3	87.1	164.5	0.0	0.2	30.1	0.0	1.3	0.0
04	79.3	57.3	68.3	2.9	3.0	2.6	402.4	345.6	264.3	145.8	61.6	38.8	3.4	6.5	15.2	46.8	0.0	1.7	30.0	0.0	0.0	0.0
05	85.6	66.0	75.8	2.8	2.2	2.2	644.8	583.0	490.7	340.0	199.2	149.1	0.0	0.2	1.0	5.3	0.0	9.3	31.0	0.0	0.0	0.0
06	91.8	72.1	81.9	2.9	1.6	2.0	808.4	748.4	658.4	508.5	358.7	299.2	0.0	0.0	0.0	0.1	1.6	22.3	30.0	0.0	0.0	0.0
07	94.3	74.0	84.2	3.0	1.3	1.9	903.6	841.6	748.6	593.6	438.6	376.6	0.0	0.0	0.0	0.0	4.0	27.7	31.0	0.0	0.0	0.0
08	95.7	73.7	84.7	2.9	1.7	2.1	920.5	858.5	765.5	610.6	455.6	393.6	0.0	0.0	0.0	0.0	6.9	27.8	31.0	0.0	0.0	0.0
09	89.9	68.8	79.4	3.0	2.3	2.1	730.4	670.5	580.6	431.8	287.4	232.1	0.0	0.0	0.2	1.3	1.1	18.0	30.0	0.0	0.0	0.0
10	82.1	59.0	70.6	2.7	2.8	1.8	487.6	428.6	342.9	213.5	108.6	76.3	5.6	8.6	15.9	41.5	0.0	5.7	30.8	0.0	0.1	0.0
11	71.9	49.0	60.4	4.3	3.7	3.7	219.2	178.5	125.0	58.4	20.3	11.7	55.7	75.0	111.5	194.9	0.0	0.2	29.1	0.0	1.9	0.0
12	64.0	41.6	52.8	3.3	2.9	2.5	91.0	68.3	41.9	15.2	3.8	1.6	159.0	198.3	264.9	393.3	0.0	0.0	27.7	0.0	6.1	0.0
Summary	79.6	58.0	68.8	3.3	2.7	2.6	5629	5054	4237	3009	1958	1591	562	716	995	1592	13.6	113.0	352.1	0.4	19.0	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	2.37	7.3	3.9	1.7	0.7	1.08	2.11	3.62	
02	2.07	7.1	3.8	1.0	0.4	0.76	1.50	2.85	
03	2.80	6.5	4.1	1.9	0.9	1.35	2.69	3.83	
04	2.82	4.9	3.2	1.8	0.8	0.67	2.46	4.29	
05	4.68	5.6	4.0	2.4	1.6	1.38	4.84	6.70	
06	3.41	6.2	4.5	2.4	1.0	1.86	2.94	4.67	
07	1.95	4.6	3.3	1.1	0.4	0.35	1.37	2.28	
08	2.92	4.9	3.3	1.7	0.8	1.01	1.86	3.68	
09	3.58	6.7	4.9	2.1	1.1	1.72	3.69	5.22	
10	3.94	4.8	3.6	2.1	1.3	0.92	2.08	6.66	
11	2.73	5.8	3.6	1.7	0.9	0.97	1.87	4.44	
12	2.66	6.4	3.9	1.8	0.8	0.91	2.10	3.82	
Summary	35.93	70.8	46.1	21.7	10.7	12.98	29.51	52.06	

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	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
03	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
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	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
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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	362.4	422.8	675.6	849.0	1109.8	1258.5	1368.6	1385.6	1180.5	947.1	615.0	406.2
45	237.9	297.3	524.9	699.1	954.8	1108.4	1213.6	1230.5	1030.4	792.5	471.1	273.8
50	135.8	188.2	380.6	549.6	799.8	958.4	1058.6	1075.5	880.4	638.9	337.3	167.2
55	66.9	105.2	249.4	402.4	644.8	808.4	903.6	920.5	730.4	487.6	219.2	91.0
60	27.9	50.0	141.3	264.3	490.7	658.4	748.6	765.5	580.6	342.9	125.0	41.9
Growing Degree Units for Corn (Monthly)												
50/86	222.0	257.9	423.0	559.6	767.5	865.6	928.0	923.3	806.0	631.4	386.1	248.6

Growing Degree Units (Accumulated Monthly)												
40	362	785	1461	2310	3420	4678	6047	7432	8613	9560	10175	10581
45	238	535	1060	1759	2714	3822	5036	6266	7297	8089	8560	8834
50	136	324	705	1254	2054	3012	4071	5146	6027	6666	7003	7170
55	67	172	422	824	1469	2277	3181	4101	4832	5319	5538	5629
60	28	78	219	484	974	1633	2381	3147	3727	4070	4195	4237
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	222	480	903	1462	2230	3096	4024	4947	5753	6384	6770	7019

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