

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 142 ft. Lat: 28.6617° N Lon: 97.3850° W

Station: GOLIAD, TX US USC00413618

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	65.6	43.3	54.4	4.1	3.3	3.4	106.5	79.7	48.3	16.2	3.1	0.9	123.3	158.5	220.1	343.0	0.0	0.0	28.9	0.1	4.5	0.0
02	69.6	47.0	58.3	3.9	3.6	3.3	154.3	120.6	78.9	31.9	8.4	3.5	61.9	84.2	126.5	219.5	0.0	0.3	27.0	0.0	2.1	0.0
03	75.1	53.4	64.3	3.0	3.7	3.1	306.8	254.4	182.1	87.1	28.1	14.4	20.0	29.7	50.4	110.3	0.0	0.9	30.8	0.0	0.8	0.0
04	81.1	60.4	70.7	2.6	3.2	2.6	474.5	415.9	330.3	197.9	91.9	60.6	1.9	3.4	7.8	25.4	0.0	3.4	30.0	0.0	0.0	0.0
05	86.8	67.4	77.1	2.8	2.5	2.3	685.1	623.1	530.4	377.5	230.2	175.6	0.0	0.1	0.4	2.4	0.4	14.0	31.0	0.0	0.0	0.0
06	91.6	72.5	82.0	2.7	1.3	1.6	811.3	751.3	661.3	511.4	361.4	301.6	0.0	0.0	0.0	0.0	1.8	25.8	30.0	0.0	0.0	0.0
07	94.7	73.8	84.3	3.0	1.2	1.8	906.7	844.7	751.7	596.7	441.7	379.7	0.0	0.0	0.0	0.0	6.3	28.5	31.0	0.0	0.0	0.0
08	96.1	73.8	85.0	2.4	1.1	1.5	928.2	866.2	773.2	618.3	463.3	401.4	0.0	0.0	0.0	0.0	9.4	29.6	31.0	0.0	0.0	0.0
09	90.9	70.1	80.5	2.9	1.8	1.8	764.9	704.9	614.9	465.0	317.4	260.4	0.0	0.0	0.0	0.1	2.1	22.8	30.0	0.0	0.0	0.0
10	84.3	60.9	72.6	2.4	2.4	1.5	547.5	487.2	398.0	258.4	136.8	97.1	2.0	3.7	7.5	22.9	0.0	9.4	31.0	0.0	0.0	0.0
11	74.7	51.8	63.2	4.1	3.3	3.3	276.7	229.7	165.5	79.2	27.4	15.3	29.1	42.1	67.9	131.6	0.0	0.4	29.8	0.0	1.1	0.0
12	67.5	44.7	56.1	3.1	3.0	2.4	143.1	112.9	75.0	30.7	8.2	3.7	108.8	140.5	195.6	306.4	0.0	0.0	29.6	0.0	4.2	0.0
Summary	81.5	59.9	70.7	3.1	2.5	2.4	6106	5491	4610	3270	2118	1714	347	462	676	1162	20.0	135.1	360.1	0.1	12.7	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	2.71	7.1	4.4	2.1	1.0	1.25	2.65	3.75
02	1.73	6.9	3.5	1.3	0.5	0.46	1.33	2.25
03	2.74	6.1	3.3	1.7	0.8	1.53	2.26	3.76
04	2.67	5.0	2.6	1.4	0.9	1.05	1.95	3.41
05	4.54	5.3	4.0	2.4	1.7	1.87	4.29	5.65
06	3.90	7.0	5.3	2.6	1.0	2.28	3.56	4.65
07	2.95	6.4	5.0	2.3	0.9	0.70	1.96	3.84
08	3.41	5.9	4.3	1.8	0.8	0.74	2.18	3.64
09	4.69	8.0	5.5	2.6	1.5	1.96	3.70	5.26
10	3.41	6.5	4.4	2.0	1.0	0.74	2.04	4.74
11	2.33	5.7	3.7	1.5	0.7	0.33	1.26	3.37
12	2.13	6.7	3.8	1.3	0.5	1.06	1.94	2.47
Summary	37.21	76.6	49.8	23.0	11.3	13.97	29.12	46.79

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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	454.2	515.9	752.0	922.5	1150.1	1261.4	1371.8	1393.4	1215.0	1010.6	697.8	503.4
45	315.3	382.1	598.2	772.7	995.1	1111.4	1216.7	1238.4	1064.9	855.7	549.6	360.8
50	196.1	257.1	448.5	623.2	840.1	961.4	1061.7	1083.3	914.9	701.0	406.6	237.9
55	106.5	154.3	306.8	474.5	685.1	811.3	906.7	928.2	764.9	547.5	276.7	143.1
60	48.3	78.9	182.1	330.3	530.4	661.3	751.7	773.2	614.9	398.0	165.5	75.0
Growing Degree Units for Corn (Monthly)												
50/86	279.7	319.1	484.9	627.9	804.4	873.6	925.4	925.8	831.9	685.7	451.9	318.5

Growing Degree Units (Accumulated Monthly)												
40	454	970	1722	2645	3795	5056	6428	7821	9036	10047	10745	11248
45	315	697	1296	2068	3063	4175	5392	6630	7695	8550	9100	9461
50	196	453	902	1525	2365	3326	4388	5471	6386	7087	7494	7732
55	106	261	568	1042	1727	2538	3445	4373	5138	5686	5962	6106
60	48	127	309	640	1170	1831	2583	3356	3971	4369	4535	4610
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	280	599	1084	1712	2516	3390	4315	5241	6073	6758	7210	7529

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

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