

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 665 ft. Lat: 29.8833° N Lon: 97.9494° W
Station: **SAN MARCOS, TX US USC00417983**

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	62.3	38.9	50.6	4.0	3.5	3.3	50.7	35.0	19.3	5.9	0.9	0.2	186.9	233.2	310.5	452.2	0.0	0.0	26.9	0.1	6.9	0.0	
02	66.6	42.4	54.5	4.5	3.6	3.6	93.5	69.8	42.3	14.1	2.8	1.1	107.4	139.7	196.2	308.0	0.0	0.2	25.9	0.1	4.4	0.0	
03	73.1	49.5	61.3	3.0	4.1	3.3	232.9	186.2	125.1	52.3	13.7	6.0	37.7	52.9	84.8	167.0	0.0	0.3	30.2	0.0	1.2	0.0	
04	79.8	56.3	68.0	2.5	3.2	2.4	394.9	337.4	255.0	134.6	51.2	29.6	3.3	5.8	13.5	43.1	0.0	1.8	29.9	0.0	0.0	0.0	
05	86.2	64.9	75.5	2.7	2.4	2.2	637.2	575.4	482.9	331.2	190.3	141.0	0.2	0.4	0.9	4.2	0.1	9.7	31.0	0.0	0.0	0.0	
06	92.4	71.7	82.1	3.0	1.6	2.0	811.3	751.3	661.3	511.4	361.6	302.0	0.0	0.0	0.0	0.0	2.1	23.6	30.0	0.0	0.0	0.0	
07	95.7	73.4	84.5	3.3	1.6	2.2	916.1	854.1	761.1	606.1	451.1	389.1	0.0	0.0	0.0	0.0	6.8	28.5	31.0	0.0	0.0	0.0	
08	96.8	73.7	85.2	3.2	1.6	2.2	937.4	875.4	782.5	627.6	472.7	410.8	0.0	0.0	0.0	0.0	10.6	28.6	31.0	0.0	0.0	0.0	
09	90.5	68.5	79.5	3.2	2.2	2.4	734.9	674.9	585.1	436.3	291.4	236.3	0.0	0.0	0.1	1.3	1.9	19.1	30.0	0.0	0.0	0.0	
10	82.1	58.1	70.1	2.4	3.5	2.1	473.5	414.2	328.1	198.8	97.4	66.4	5.4	8.1	15.0	40.7	0.0	4.9	30.9	0.0	0.0	0.0	
11	71.5	48.3	59.9	3.8	3.6	3.5	202.3	162.3	109.5	45.6	14.1	7.7	55.2	75.2	112.3	198.6	0.0	0.0	29.2	0.0	1.7	0.0	
12	63.7	40.8	52.2	3.3	2.9	2.4	72.8	52.8	30.4	9.8	1.8	0.7	157.8	199.8	270.5	404.9	0.0	0.0	28.0	0.1	5.6	0.0	
Summary	80.1	57.2	68.6	3.2	2.8	2.6	5558	4989	4183	2974	1949	1591	554	715	1004	1620	21.5	116.7	354.0	0.3	19.8	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	2.41	7.1	4.0	1.5	0.6	0.87	1.99	3.15
02	1.73	7.4	3.6	1.1	0.5	0.70	1.11	2.79
03	2.76	8.1	4.5	1.8	0.8	1.64	2.23	3.73
04	3.20	6.5	3.8	2.0	1.1	1.70	2.68	3.96
05	4.53	8.0	5.9	3.3	1.8	2.67	4.20	6.40
06	3.57	6.3	4.8	2.5	1.2	2.10	2.72	5.24
07	2.21	5.2	3.3	1.6	0.8	0.30	1.75	3.03
08	2.60	4.8	3.0	1.3	0.8	0.48	1.30	2.12
09	4.03	7.2	4.8	2.2	1.2	1.65	2.87	6.59
10	4.41	6.0	3.8	1.9	1.2	0.80	2.14	5.99
11	2.69	6.1	3.3	1.5	0.7	1.05	1.90	3.22
12	2.41	7.6	3.6	1.4	0.7	0.63	1.46	3.65
Summary	36.55	80.3	48.4	22.1	11.4	14.59	26.35	49.87

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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	0.1	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	0.1	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	342.1	412.0	661.6	841.5	1102.0	1261.4	1381.1	1402.7	1185.0	933.1	598.0	387.5
45	214.7	284.7	510.3	691.7	947.0	1111.4	1226.1	1247.6	1035.0	778.6	454.2	252.8
50	114.5	175.3	365.2	542.4	792.0	961.4	1071.1	1092.6	884.9	625.0	319.4	145.0
55	50.7	93.5	232.9	394.9	637.2	811.3	916.1	937.4	734.9	473.5	202.3	72.8
60	19.3	42.3	125.1	255.0	482.9	661.3	761.1	782.5	585.1	328.1	109.5	30.4
Growing Degree Units for Corn (Monthly)												
50/86	208.9	253.4	415.5	552.8	754.1	861.2	919.0	923.2	802.7	621.2	373.4	235.2

Growing Degree Units (Accumulated Monthly)												
40	342	754	1416	2257	3359	4621	6002	7404	8589	9523	10121	10508
45	215	499	1010	1701	2648	3760	4986	6234	7268	8047	8501	8754
50	114	290	655	1197	1989	2951	4022	5114	5999	6624	6944	7089
55	51	144	377	772	1409	2220	3137	4074	4809	5282	5485	5558
60	19	62	187	442	925	1586	2347	3130	3715	4043	4152	4183
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	209	462	878	1431	2185	3046	3965	4888	5691	6312	6685	6921

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