

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 50 ft. Lat: 26.2656° N Lon: 97.8714° W
Station: **SANTA ROSA 3 WNW, TX US USC00418059**

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	71.3	48.8	60.1	4.9	3.3	3.8	212.2	170.6	117.5	54.2	17.7	9.6	55.5	75.9	115.8	207.4	0.0	0.2	29.1	0.0	0.7	0.0
02	75.7	53.2	64.4	4.1	3.9	3.6	289.1	243.9	182.7	98.5	40.2	24.6	24.5	35.3	58.1	113.9	0.0	1.3	27.3	0.0	0.5	0.0
03	80.9	58.4	69.7	3.6	3.7	3.4	462.5	405.3	322.5	195.9	96.1	66.4	8.3	13.1	23.4	51.7	0.1	4.1	30.8	0.0	0.0	0.0
04	86.4	64.2	75.3	2.7	2.8	2.5	609.8	550.5	462.0	318.7	186.7	140.9	0.8	1.5	3.0	9.7	0.3	10.6	30.0	0.0	0.0	0.0
05	90.6	70.8	80.7	2.1	2.0	1.9	796.7	734.7	641.7	487.1	334.4	275.0	0.0	0.0	0.0	0.4	0.3	20.1	31.0	0.0	0.0	0.0
06	94.9	74.7	84.8	1.6	1.2	1.2	893.9	833.9	743.9	593.9	443.9	383.9	0.0	0.0	0.0	0.0	1.9	27.6	30.0	0.0	0.0	0.0
07	96.3	75.7	86.0	2.2	0.9	1.3	961.0	899.0	806.0	651.0	496.0	434.0	0.0	0.0	0.0	0.0	5.9	29.5	31.0	0.0	0.0	0.0
08	97.4	75.4	86.4	1.7	0.9	1.2	973.2	911.2	818.2	663.2	508.2	446.3	0.0	0.0	0.0	0.0	10.2	29.7	31.0	0.0	0.0	0.0
09	92.6	72.0	82.3	2.3	1.5	1.4	819.0	759.0	669.1	519.4	370.3	311.5	0.0	0.0	0.1	0.4	1.7	23.0	30.0	0.0	0.0	0.0
10	88.0	65.2	76.6	1.7	2.4	1.6	670.2	608.6	516.5	366.8	228.3	177.8	0.7	1.0	2.0	7.3	0.0	16.5	31.0	0.0	0.0	0.0
11	79.7	57.0	68.4	3.9	3.2	3.2	412.2	358.6	281.9	168.9	82.0	56.0	11.7	18.0	31.3	68.3	0.0	3.3	29.7	0.0	0.0	0.0
12	72.9	50.2	61.6	3.2	3.2	2.7	247.4	203.8	147.5	76.7	29.0	16.8	44.3	62.6	99.3	183.5	0.0	0.2	30.1	0.0	0.5	0.0
Summary	85.6	63.8	74.7	2.8	2.4	2.3	7347	6679	5710	4194	2833	2343	146	207	333	643	20.4	166.1	361.0	0.0	1.7	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	1.12	7.0	2.1	0.4	0.1	0.27	0.92	1.87	
02	1.00	5.5	1.9	0.7	0.3	0.18	0.50	1.08	
03	1.40	5.8	2.6	0.8	0.4	0.21	0.59	2.05	
04	1.39	4.7	2.2	0.8	0.5	0.31	0.66	2.12	
05	2.48	4.6	3.0	1.2	0.8	0.78	2.08	3.47	
06	2.88	5.2	3.8	1.5	0.5	1.03	1.91	3.52	
07	1.67	3.8	2.5	1.0	0.6	0.21	0.85	2.21	
08	2.10	5.2	3.1	1.1	0.7	0.49	1.58	2.87	
09	5.56	9.4	6.7	3.0	1.8	3.35	5.56	6.97	
10	2.66	6.1	3.1	1.4	0.8	0.86	2.11	3.61	
11	1.23	5.7	2.5	0.8	0.4	0.24	0.76	1.73	
12	1.12	7.2	2.5	0.4	0.2	0.39	0.65	1.57	
Summary	24.61	70.2	36.0	13.1	7.1	8.32	18.17	33.07	

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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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.1	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	623.0	685.4	919.2	1059.0	1261.7	1344.0	1426.0	1438.3	1269.0	1134.6	850.5	669.0
45	473.4	548.0	764.6	909.0	1106.7	1194.0	1271.0	1283.3	1119.0	979.6	701.1	517.7
50	334.0	413.7	611.6	759.1	951.7	1044.0	1116.0	1128.3	969.0	824.8	553.8	374.3
55	212.2	289.1	462.5	609.8	796.7	893.9	961.0	973.2	819.0	670.2	412.2	247.4
60	117.5	182.7	322.5	462.0	641.7	743.9	806.0	818.2	669.1	516.5	281.9	147.5
Growing Degree Units for Corn (Monthly)												
50/86	382.1	439.3	607.6	719.2	871.3	909.0	955.5	951.2	863.6	770.0	558.5	422.4

Growing Degree Units (Accumulated Monthly)												
40	623	1308	2228	3287	4548	5892	7318	8757	10026	11160	12011	12680
45	473	1021	1786	2695	3802	4996	6267	7550	8669	9649	10350	10867
50	334	748	1359	2118	3070	4114	5230	6358	7327	8152	8706	9080
55	212	501	964	1574	2370	3264	4225	5198	6017	6688	7100	7347
60	118	300	623	1085	1726	2470	3276	4094	4764	5280	5562	5710
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	382	821	1429	2148	3020	3928	4884	5835	6699	7469	8027	8450

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