

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1445 ft. Lat: 29.7986° N Lon: 98.7353° W

Station: **BOERNE, TX US USC00410902**

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	61.5	36.6	49.0	4.2	3.6	3.4	44.6	30.3	15.5	4.0	0.3	0.0	228.9	276.6	354.8	498.3	0.0	0.0	26.0	0.3	12.5	0.0
02	65.5	40.5	53.0	4.5	3.2	3.4	80.7	59.3	35.4	10.5	1.7	0.6	136.6	171.2	231.4	346.5	0.0	0.2	25.2	0.3	7.6	0.0
03	72.1	47.2	59.6	3.3	3.7	3.3	201.0	158.9	104.8	42.2	9.0	3.2	56.9	76.7	115.7	208.1	0.0	0.5	29.8	0.0	3.1	0.0
04	78.8	53.8	66.3	2.9	3.3	2.7	348.2	293.8	217.7	111.7	40.2	22.4	9.2	14.8	28.7	72.7	0.0	1.5	29.9	0.0	0.4	0.0
05	84.0	62.7	73.3	2.8	2.2	2.2	569.2	507.7	416.4	269.4	140.5	98.3	0.4	0.9	2.6	10.6	0.0	5.9	31.0	0.0	0.0	0.0
06	89.8	69.0	79.4	2.7	1.7	1.9	731.9	671.9	581.9	431.9	283.0	224.6	0.0	0.0	0.0	0.0	0.7	17.1	30.0	0.0	0.0	0.0
07	92.5	71.0	81.8	3.1	1.2	1.9	829.2	767.2	674.2	519.2	364.3	302.4	0.0	0.0	0.0	0.0	1.3	24.4	31.0	0.0	0.0	0.0
08	94.1	70.5	82.3	2.7	1.4	1.8	846.1	784.1	691.1	536.1	381.2	319.4	0.0	0.0	0.0	0.0	2.4	27.2	31.0	0.0	0.0	0.0
09	88.5	65.1	76.8	3.1	2.3	2.2	654.1	594.3	504.8	358.2	219.2	168.4	0.1	0.3	0.9	4.3	0.5	15.0	30.0	0.0	0.0	0.0
10	80.5	55.6	68.0	2.4	2.8	1.8	413.9	356.7	276.2	158.9	70.7	45.7	9.5	14.2	26.7	64.4	0.0	2.7	30.9	0.0	0.3	0.0
11	70.0	45.4	57.7	3.7	3.6	3.3	161.8	126.4	81.4	32.8	8.5	4.1	80.7	105.3	150.3	251.8	0.0	0.0	28.8	0.0	4.3	0.0
12	62.7	38.0	50.3	3.0	2.8	2.1	56.7	39.4	20.2	5.2	0.8	0.2	200.7	245.4	319.2	459.2	0.0	0.0	27.4	0.2	11.4	0.0
Summary	78.3	54.6	66.5	3.2	2.6	2.5	4937	4390	3620	2480	1519	1189	723	905	1230	1916	4.9	94.5	351.0	0.8	39.6	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	2.28	6.8	4.3	1.5	0.6	0.71	2.06	3.33
02	2.22	7.2	3.8	1.4	0.6	0.61	1.84	3.17
03	2.79	7.9	4.6	1.6	0.7	1.61	2.34	3.38
04	2.52	5.9	4.0	1.7	0.7	1.12	2.06	3.11
05	5.28	8.2	5.6	3.3	2.0	3.32	4.53	6.34
06	3.78	6.6	5.0	2.4	1.3	1.78	2.62	4.75
07	2.83	4.8	3.3	1.4	0.6	0.53	1.10	2.53
08	2.80	4.6	3.4	1.3	0.8	0.70	1.90	3.58
09	3.90	7.2	5.1	2.4	1.3	2.05	3.40	5.08
10	3.88	6.5	4.4	2.1	1.4	1.41	2.68	5.72
11	2.92	6.8	4.1	1.6	0.8	0.84	2.05	3.59
12	2.32	6.7	3.9	1.3	0.6	0.57	1.52	3.46
Summary	37.52	79.2	51.5	22.0	11.4	15.25	28.10	48.04

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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	303.6	376.0	612.0	789.2	1033.8	1181.9	1294.2	1311.2	1104.0	869.6	534.5	336.1
45	185.8	253.8	463.5	639.7	878.8	1031.9	1139.2	1156.2	954.0	715.3	395.4	212.2
50	99.6	153.8	324.3	491.6	723.8	881.9	984.2	1001.1	804.0	562.5	268.2	118.4
55	44.6	80.7	201.0	348.2	569.2	731.9	829.2	846.1	654.1	413.9	161.8	56.7
60	15.5	35.4	104.8	217.7	416.4	581.9	674.2	691.1	504.8	276.2	81.4	20.2
Growing Degree Units for Corn (Monthly)												
50/86	205.9	244.8	391.3	520.8	705.8	815.9	879.5	872.8	745.1	579.3	344.6	222.4

Growing Degree Units (Accumulated Monthly)												
40	304	680	1292	2081	3115	4296	5591	6902	8006	8876	9410	9746
45	186	440	903	1543	2422	3454	4593	5749	6703	7418	7814	8026
50	100	253	578	1069	1793	2675	3659	4660	5464	6027	6295	6413
55	45	125	326	674	1244	1976	2805	3651	4305	4719	4881	4937
60	16	51	156	373	790	1372	2046	2737	3242	3518	3599	3620
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	206	451	842	1363	2069	2884	3764	4637	5382	5961	6306	6528

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