

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3525 ft. Lat: 31.4028° N Lon: 106.0581° W
Station: TORNILLO 2 SSE, TX US USC00419088
Generated on 06/04/2024

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	61.1	28.8	44.9	3.6	2.8	2.2	2.9	1.1	0.3	0.0	0.0	0.0	314.3	374.6	466.7	621.5	0.0	0.0	27.6	0.1	22.5	0.0
02	67.1	33.1	50.1	3.6	3.0	2.5	19.8	10.1	2.9	0.2	0.0	0.0	157.0	203.3	280.1	417.3	0.0	0.0	27.2	0.1	13.5	0.0
03	74.9	39.5	57.2	2.7	2.5	2.3	119.3	83.1	42.0	7.3	0.7	0.1	51.1	76.9	128.8	249.1	0.0	0.2	31.0	0.0	6.2	0.0
04	82.5	46.5	64.5	2.4	2.0	2.0	289.7	235.4	160.0	62.3	14.0	6.2	4.8	10.4	25.0	77.4	0.0	3.3	30.0	0.0	0.8	0.0
05	90.7	53.6	72.2	2.4	1.7	1.6	532.0	470.4	378.9	232.9	110.1	72.6	0.3	0.7	2.2	11.2	1.2	16.6	31.0	0.0	0.0	0.0
06	97.7	62.6	80.1	2.0	1.7	1.6	754.3	694.3	604.4	454.5	305.0	246.1	0.0	0.0	0.0	0.1	8.5	26.7	30.0	0.0	0.0	0.0
07	95.4	66.8	81.1	2.1	0.8	1.3	809.1	747.1	654.1	499.1	344.1	282.3	0.0	0.0	0.0	0.0	4.8	25.0	31.0	0.0	0.0	0.0
08	93.8	65.9	79.9	2.3	1.1	1.5	770.2	708.2	615.3	460.3	305.8	245.1	0.0	0.0	0.0	0.0	1.7	23.4	31.0	0.0	0.0	0.0
09	88.7	59.0	73.9	2.5	1.8	1.9	565.6	505.8	416.6	270.4	137.0	93.4	0.1	0.3	1.1	4.9	0.1	12.3	30.0	0.0	0.0	0.0
10	80.9	47.5	64.2	2.2	2.4	1.4	294.2	237.6	159.2	59.8	13.1	5.6	9.0	14.4	29.1	84.7	0.0	2.7	30.9	0.0	1.1	0.0
11	69.6	35.2	52.4	3.6	2.4	2.3	51.1	31.3	13.0	1.2	0.1	0.0	129.1	169.3	240.9	379.2	0.0	0.0	29.2	0.0	12.8	0.0
12	60.1	28.5	44.3	2.9	2.3	1.9	3.0	1.2	0.3	0.0	0.0	0.0	334.6	394.8	486.8	641.6	0.0	0.0	27.1	0.0	23.6	0.0
Summary	80.2	47.3	63.7	2.7	2.0	1.9	4211	3726	3047	2048	1230	951	1000	1245	1661	2487	16.3	110.2	356.0	0.2	80.5	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	0.36	3.0	1.2	0.1	0.0	0.00	0.17	0.55	
02	0.37	3.1	1.4	0.2	0.0	0.04	0.15	0.40	
03	0.25	1.9	0.9	0.1	0.0	0.01	0.09	0.29	
04	0.23	1.4	0.6	0.1	0.0	0.00	0.05	0.27	
05	0.50	2.4	1.6	0.2	0.0	0.00	0.34	0.75	
06	0.65	3.4	1.8	0.4	0.1	0.24	0.57	0.76	
07	1.68	6.7	3.3	1.1	0.3	0.70	1.14	2.55	
08	1.45	6.3	3.4	1.0	0.2	0.65	1.10	1.91	
09	1.12	4.5	2.5	0.6	0.3	0.45	0.76	1.59	
10	0.77	3.7	2.0	0.6	0.1	0.16	0.51	1.15	
11	0.36	2.1	1.3	0.2	0.0	0.01	0.24	0.52	
12	0.54	3.1	1.6	0.2	0.0	0.10	0.36	0.70	
Summary	8.28	41.6	21.6	4.8	1.0	2.36	5.48	11.44	

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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	0.40	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.20	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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.30	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	0.70	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.50
Summary	1.7	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5

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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	177.8	288.7	533.7	735.0	996.7	1204.3	1274.1	1235.2	1015.5	750.1	376.5	163.3
45	75.0	164.9	381.5	585.0	841.7	1054.3	1119.1	1080.2	865.5	595.6	240.1	67.9
50	20.5	71.1	237.8	435.5	686.7	904.3	964.1	925.2	715.5	442.7	127.3	18.3
55	2.9	19.8	119.3	289.7	532.0	754.3	809.1	770.2	565.6	294.2	51.1	3.0
60	0.3	2.9	42.0	160.0	378.9	604.4	654.1	615.3	416.6	159.2	13.0	0.3
Growing Degree Units for Corn (Monthly)												
50/86	180.4	240.9	387.6	491.8	615.4	728.8	816.3	801.1	658.4	497.4	296.6	164.9

Growing Degree Units (Accumulated Monthly)												
40	178	466	1000	1735	2732	3936	5210	6445	7461	8211	8588	8751
45	75	240	621	1206	2048	3102	4222	5302	6167	6763	7003	7071
50	20	92	329	765	1452	2356	3320	4245	4961	5403	5531	5549
55	3	23	142	432	964	1718	2527	3297	3863	4157	4208	4211
60	0	3	45	205	584	1188	1843	2458	2874	3034	3047	3047
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	180	421	809	1301	1916	2645	3461	4262	4921	5418	5715	5880

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