

Summary of Monthly Normals
1991-2020

Generated on 05/06/2024

Current Location: Elev: 16 ft. Lat: 29.9506° N Lon: 94.0206° W
Station: PORT ARTHUR SE TX AP, TX US USW00012917

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	63.5	43.8	53.7	3.9	3.7	3.6	95.8	72.3	44.6	14.8	2.3	0.6	137.4	175.9	241.3	366.6	0.0	0.0	27.7	0.0	3.6	0.0	
02	67.3	47.8	57.5	3.9	4.2	3.9	139.7	108.6	69.8	26.1	5.8	2.4	68.2	93.2	138.4	234.7	0.0	0.0	26.5	0.0	1.4	0.0	
03	73.2	53.4	63.3	3.0	3.8	3.3	278.8	228.3	160.4	72.1	19.4	8.0	21.5	33.0	58.1	124.8	0.0	0.0	30.7	0.0	0.5	0.0	
04	79.0	59.6	69.3	2.3	3.0	2.5	430.9	372.8	288.1	161.5	65.7	38.8	1.8	3.7	9.1	32.5	0.0	0.1	30.0	0.0	0.0	0.0	
05	85.7	67.3	76.5	1.9	2.1	1.7	666.4	604.5	511.5	358.2	211.4	157.8	0.0	0.0	0.1	1.7	0.0	3.5	31.0	0.0	0.0	0.0	
06	90.9	73.1	82.0	1.9	1.4	1.4	809.9	749.9	659.9	509.9	360.0	300.1	0.0	0.0	0.0	0.0	0.3	20.3	30.0	0.0	0.0	0.0	
07	92.6	74.6	83.6	1.5	0.8	1.0	886.6	824.6	731.6	576.6	421.6	359.6	0.0	0.0	0.0	0.0	0.2	25.4	31.0	0.0	0.0	0.0	
08	93.1	74.4	83.8	2.3	1.3	1.6	891.1	829.1	736.1	581.2	426.2	364.2	0.0	0.0	0.0	0.0	0.7	25.8	31.0	0.0	0.0	0.0	
09	89.5	70.6	80.0	2.1	2.3	1.8	751.4	691.4	601.4	451.6	304.1	247.1	0.0	0.0	0.0	0.2	0.2	15.5	30.0	0.0	0.0	0.0	
10	82.1	61.1	71.6	1.9	2.4	1.7	516.7	456.1	367.4	230.9	118.8	83.7	2.1	3.5	7.8	26.4	0.0	2.4	31.0	0.0	0.0	0.0	
11	72.3	51.5	61.9	3.4	3.0	3.0	242.5	198.2	139.6	65.4	21.4	11.3	35.4	51.1	82.5	158.3	0.0	0.0	29.6	0.0	0.6	0.0	
12	65.5	45.8	55.6	3.0	3.2	2.8	128.8	101.2	66.7	27.2	6.7	3.2	108.6	142.9	201.5	317.0	0.0	0.0	29.0	0.0	2.4	0.0	
Summary	79.6	60.2	69.9	2.6	2.6	2.4	5839	5237	4377	3075	1963	1577	375	503	739	1262	1.4	93.0	357.5	0.0	8.5	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	5.32	9.6	6.3	3.4	1.6	2.69	5.04	6.92
02	3.09	8.6	5.0	1.9	0.8	1.30	2.03	4.91
03	3.63	7.6	4.7	2.1	1.0	1.99	2.93	5.18
04	3.92	7.2	4.6	2.3	1.3	1.72	3.33	5.56
05	4.70	7.2	4.7	2.7	1.8	1.40	3.48	8.25
06	6.70	10.7	7.5	3.9	1.8	3.37	6.62	9.99
07	6.85	11.8	7.8	4.2	2.2	3.19	6.02	9.94
08	6.89	11.3	7.4	3.3	1.9	2.74	4.81	6.61
09	6.69	8.9	6.6	3.4	1.8	3.66	5.68	8.22
10	5.47	7.5	5.3	2.8	1.7	2.01	4.16	7.62
11	3.89	7.6	4.9	2.3	1.3	2.45	3.55	5.19
12	4.98	9.7	6.0	2.8	1.3	2.61	4.09	6.46
Summary	62.13	107.7	70.8	35.1	18.5	29.13	51.74	84.85

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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	431.3	493.7	722.5	879.0	1131.5	1260.0	1351.6	1356.2	1201.5	979.6	657.1	488.0
45	293.8	359.9	568.6	729.0	976.5	1109.9	1196.6	1201.2	1051.4	824.7	509.1	343.9
50	178.3	238.5	418.8	579.2	821.5	959.9	1041.6	1046.2	901.4	670.1	368.3	221.5
55	95.8	139.7	278.8	430.9	666.4	809.9	886.6	891.1	751.4	516.7	242.5	128.8
60	44.6	69.8	160.4	288.1	511.5	659.9	731.6	736.1	601.4	367.4	139.6	66.7
Growing Degree Units for Corn (Monthly)												
50/86	246.7	288.5	449.9	586.9	798.1	882.4	937.6	933.8	836.9	662.9	407.7	285.4

Growing Degree Units (Accumulated Monthly)												
40	431	925	1648	2526	3658	4918	6270	7626	8827	9807	10464	10952
45	294	654	1222	1951	2928	4038	5234	6436	7487	8312	8821	9165
50	178	417	836	1415	2236	3196	4238	5284	6185	6856	7224	7445
55	96	236	514	945	1612	2422	3308	4199	4951	5467	5710	5839
60	45	114	275	563	1074	1734	2466	3202	3803	4171	4310	4377
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	247	535	985	1572	2370	3252	4190	5124	5961	6624	7031	7317

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