

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 12 ft. Lat: 27.8381° N Lon: 97.0592° W

Station: PORT ARANSAS, TX US USC00417170

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	50.4	56.4	3.6	3.2	3.2	117.6	83.9	44.7	8.1	0.2	0.0	75.6	103.9	157.7	276.1	0.0	0.0	28.7	0.0	0.3	0.0
02	64.9	53.7	59.3	3.6	3.6	3.4	156.0	115.9	65.5	15.0	1.1	0.1	35.5	51.5	85.0	174.5	0.0	0.0	27.2	0.0	0.3	0.0
03	70.1	60.1	65.1	2.8	3.8	3.2	321.9	265.5	185.4	75.2	13.9	4.7	8.8	14.4	27.3	72.1	0.0	0.0	30.8	0.0	0.0	0.0
04	75.8	66.6	71.2	2.5	2.5	2.3	486.7	427.2	339.2	198.0	76.1	41.5	0.7	1.2	3.2	12.0	0.0	0.2	30.0	0.0	0.0	0.0
05	81.4	73.2	77.3	1.4	1.6	1.4	691.3	629.3	536.3	381.5	229.0	170.9	0.0	0.0	0.0	0.2	0.0	0.3	31.0	0.0	0.0	0.0
06	86.8	78.1	82.5	1.6	0.9	1.1	823.4	763.4	673.4	523.4	373.4	313.5	0.0	0.0	0.0	0.0	0.0	7.4	30.0	0.0	0.0	0.0
07	88.0	79.6	83.8	1.5	1.0	1.1	892.8	830.8	737.8	582.8	427.8	365.8	0.0	0.0	0.0	0.0	0.0	14.7	31.0	0.0	0.0	0.0
08	88.7	79.9	84.3	1.1	1.1	0.9	908.2	846.2	753.2	598.2	443.2	381.2	0.0	0.0	0.0	0.0	0.0	22.0	31.0	0.0	0.0	0.0
09	86.5	76.8	81.6	1.5	1.6	1.4	799.4	739.4	649.4	499.4	350.0	290.7	0.0	0.0	0.0	0.0	0.1	11.4	30.0	0.0	0.0	0.0
10	81.2	70.7	76.0	1.7	1.8	1.6	649.9	588.3	496.4	345.7	205.5	154.7	0.6	0.9	2.1	6.4	0.0	1.0	31.0	0.0	0.0	0.0
11	71.8	60.9	66.3	3.3	3.3	3.2	355.0	301.7	226.6	120.1	46.2	26.4	14.4	21.1	36.0	79.5	0.0	0.0	29.8	0.0	0.0	0.0
12	65.3	53.0	59.2	2.8	2.8	2.6	180.0	139.5	89.6	30.8	4.9	1.7	51.3	72.7	115.9	212.1	0.0	0.0	29.8	0.0	0.2	0.0
Summary	76.9	66.9	71.9	2.3	2.3	2.1	6382	5731	4798	3378	2171	1751	187	266	427	833	0.1	57.0	360.3	0.0	0.8	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	2.11	8.9	3.8	1.4	0.5	0.90	1.60	2.68	
02	1.92	8.6	3.0	1.0	0.6	0.51	1.23	2.74	
03	2.42	7.0	3.3	1.5	0.7	0.63	2.26	3.32	
04	2.00	5.3	2.7	1.2	0.6	0.28	1.10	2.84	
05	3.99	5.0	3.3	2.0	1.6	1.39	2.62	5.15	
06	3.72	5.3	3.6	1.8	0.9	1.63	2.14	4.88	
07	2.57	4.4	3.1	1.3	0.7	0.45	1.30	2.66	
08	1.80	4.8	3.1	1.1	0.5	0.49	0.76	2.52	
09	6.51	9.7	6.5	3.5	1.9	3.20	4.77	8.48	
10	3.92	6.9	4.7	1.8	1.2	1.31	2.84	4.44	
11	2.88	7.1	3.8	1.6	0.9	0.97	1.94	4.61	
12	1.71	8.3	3.0	0.9	0.3	0.73	1.35	2.42	
Summary	35.55	81.3	43.9	19.1	10.4	12.49	23.91	46.74	

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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	0.00	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	0.0	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	509.5	541.7	778.1	936.0	1156.3	1273.5	1357.8	1373.3	1249.5	1114.4	790.5	594.6
45	362.1	404.8	623.7	786.0	1001.3	1123.4	1202.8	1218.2	1099.5	959.4	641.2	443.8
50	227.7	273.5	470.9	636.1	846.3	973.4	1047.8	1063.2	949.5	804.5	494.8	302.0
55	117.6	156.0	321.9	486.7	691.3	823.4	892.8	908.2	799.4	649.9	355.0	180.0
60	44.7	65.5	185.4	339.2	536.3	673.4	737.8	753.2	649.4	496.4	226.6	89.6
Growing Degree Units for Corn (Monthly)												
50/86	251.8	287.1	475.8	636.1	845.0	952.9	1014.3	1019.2	925.1	801.6	501.7	322.9

Growing Degree Units (Accumulated Monthly)												
40	510	1051	1829	2765	3922	5195	6553	7926	9176	10290	11081	11675
45	362	767	1391	2177	3178	4301	5504	6722	7822	8781	9422	9866
50	228	501	972	1608	2454	3428	4476	5539	6488	7293	7788	8090
55	118	274	596	1082	1774	2597	3490	4398	5197	5847	6202	6382
60	45	110	296	635	1171	1844	2582	3336	3985	4481	4708	4798
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	252	539	1015	1651	2496	3449	4463	5482	6407	7209	7711	8034

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