

Summary of Monthly Normals
1981-2010

Generated on 06/04/2024

Current Location: Elev: 9 ft. Lat: 28.0285° N Lon: 97.0566° W

Station: ROCKPORT, TX US USC00417704

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	65.2	46.0	55.6	3.8	3.4	3.4	113	83	47	12	1	-7777	94	126	183	303	0.0	0.0	28.9	0.0	1.8	0.0
02	67.2	49.3	58.3	3.4	3.7	3.3	143	107	63	17	2	1	52	72	112	206	0.0	-7777	26.7	0.0	1.2	0.0
03	72.6	55.8	64.2	2.6	3.4	2.8	301	247	174	74	17	7	16	24	44	99	0.0	0.3	30.9	0.0	0.3	0.0
04	78.8	64.5	71.7	1.6	3.4	2.3	500	441	354	217	97	60	1	2	5	17	-7777	0.3	30.0	0.0	0.0	0.0
05	84.5	72.3	78.4	1.9	2.4	2.0	725	663	570	416	263	204	-7777	-7777	-7777	-7777	0.0	1.3	31.0	0.0	0.0	0.0
06	89.8	77.3	83.5	1.4	1.6	1.3	856	796	706	556	406	347	0	0	0	0	0.0	14.6	30.0	0.0	0.0	0.0
07	91.6	79.1	85.3	1.1	1.4	1.0	941	879	786	631	476	414	0	0	0	0	0.0	25.2	31.0	0.0	0.0	0.0
08	92.5	78.7	85.6	1.0	0.9	0.8	948	886	793	639	484	422	0	0	0	0	0.2	28.1	31.0	0.0	0.0	0.0
09	90.1	74.7	82.4	1.3	2.0	1.4	822	762	672	522	373	314	-7777	-7777	-7777	-7777	0.1	17.8	30.0	0.0	0.0	0.0
10	83.7	66.5	75.1	1.1	2.1	1.3	624	562	471	324	191	145	1	1	3	11	0.0	2.6	31.0	0.0	-7777	0.0
11	75.3	57.0	66.1	2.8	3.0	2.7	351	298	225	123	50	31	16	24	41	88	0.0	0.1	29.8	0.0	0.2	0.0
12	67.5	47.8	57.7	3.5	4.1	3.5	162	127	83	31	6	2	80	107	155	258	0.0	0.0	29.2	0.0	1.5	0.0
Summary	79.9	64.1	72.0	2.1	2.6	2.1	6486	5851	4944	3562	2366	1947	260	356	543	982	0.3	90.3	359.5	0.0	5.0	0.0

-7777: a non-zero value that would round to zero

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	2.42	7.3	4.3	1.5	0.6	0.92	1.86	3.47
02	2.20	6.8	3.6	1.4	0.7	0.58	1.85	3.31
03	2.40	5.5	2.9	1.4	0.8	0.59	2.41	3.16
04	1.76	5.1	2.7	1.0	0.6	0.12	1.43	2.83
05	3.10	5.3	3.5	2.0	1.1	1.34	2.08	4.72
06	3.17	6.1	4.2	2.1	1.0	1.19	2.81	4.12
07	3.46	5.5	4.0	1.8	0.9	0.64	1.60	4.55
08	2.57	5.6	3.5	1.5	0.9	1.11	2.31	3.23
09	5.08	8.7	6.2	2.8	1.8	2.59	4.01	6.59
10	4.22	6.5	4.8	2.1	1.1	1.61	3.21	6.73
11	3.02	5.7	3.8	1.7	0.9	0.92	2.06	3.77
12	1.78	6.5	3.7	1.1	0.4	0.80	1.19	2.34
Summary	35.18	74.6	47.2	20.4	10.8	12.41	26.82	48.82

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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	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
03	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
04	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
05	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
06	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
07	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
08	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
09	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
10	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
11	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
12	0.2	-7777	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.2	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	488	514	750	950	1190	1306	1406	1414	1272	1088	785	552
45	343	379	596	799	1035	1156	1251	1259	1122	933	635	406
50	214	253	445	650	880	1006	1096	1104	972	778	489	272
55	113	143	301	500	725	856	941	948	822	624	351	162
60	47	63	174	354	570	706	786	793	672	471	225	83
Growing Degree Units for Corn (Monthly)												
50/86	277	293	466	652	870	947	1008	1002	904	765	511	330

Growing Degree Units (Accumulated Monthly)												
40	488	1002	1752	2702	3892	5198	6604	8018	9290	10378	11163	11715
45	343	722	1318	2117	3152	4308	5559	6818	7940	8873	9508	9914
50	214	467	912	1562	2442	3448	4544	5648	6620	7398	7887	8159
55	113	256	557	1057	1782	2638	3579	4527	5349	5973	6324	6486
60	47	110	284	638	1208	1914	2700	3493	4165	4636	4861	4944
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	277	570	1036	1688	2558	3505	4513	5515	6419	7184	7695	8025

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

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