

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 3740 ft. Lat: 29.3272° N Lon: 103.2061° W

Station: PANTHER JUNCTION, TX US USC00416792

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	60.8	36.8	48.8	4.4	2.6	3.2	35.2	21.4	8.6	1.2	0.1	0.0	227.2	275.4	355.6	503.2	0.0	0.0	26.8	0.4	8.4	0.0
02	66.3	41.4	53.8	3.9	2.8	3.1	84.6	60.8	34.2	8.8	1.0	0.4	116.9	149.0	206.4	321.0	0.0	0.0	26.0	0.2	4.4	0.0
03	74.0	46.6	60.3	3.3	2.9	2.9	211.2	166.4	108.4	39.7	7.4	2.5	46.9	64.1	99.1	185.4	0.0	0.6	30.5	0.0	1.8	0.0
04	81.9	53.6	67.8	3.3	2.5	2.8	390.4	334.1	253.7	137.6	55.5	34.4	7.8	11.6	21.1	55.1	0.0	6.6	29.9	0.0	0.1	0.0
05	89.3	62.4	75.9	3.2	2.4	2.7	646.8	585.3	493.6	344.6	207.9	159.9	0.5	1.0	2.3	8.3	1.9	18.6	31.0	0.0	0.0	0.0
06	93.6	68.3	81.0	2.3	1.9	2.0	778.4	718.3	628.3	478.5	329.5	271.1	0.0	0.0	0.0	0.1	5.7	24.8	30.0	0.0	0.0	0.0
07	92.0	69.5	80.7	2.9	2.1	2.4	798.3	736.3	643.3	488.3	334.0	273.9	0.0	0.0	0.0	0.0	2.7	23.6	31.0	0.0	0.0	0.0
08	91.2	69.1	80.2	2.7	2.1	2.3	779.5	717.5	624.5	469.6	315.9	255.8	0.0	0.0	0.0	0.1	0.8	22.8	31.0	0.0	0.0	0.0
09	85.9	63.3	74.6	3.1	2.0	2.3	588.1	528.4	439.2	294.4	160.9	114.1	0.1	0.4	1.2	6.4	0.2	11.0	30.0	0.0	0.0	0.0
10	79.7	54.8	67.3	2.3	1.9	1.7	391.3	334.2	252.0	130.6	45.5	26.0	11.7	16.6	27.3	61.0	0.0	3.3	30.8	0.0	0.3	0.0
11	69.0	44.9	57.0	3.9	2.9	3.2	138.7	103.4	60.5	16.5	2.2	0.6	80.2	104.8	151.9	258.0	0.0	0.0	28.6	0.0	2.2	0.0
12	61.6	37.7	49.7	2.9	2.1	2.1	43.0	27.6	12.1	1.3	0.1	0.0	208.6	255.3	332.8	477.1	0.0	0.0	27.7	0.2	7.7	0.0
Summary	78.8	54.0	66.4	3.2	2.4	2.6	4886	4334	3558	2411	1460	1139	700	878	1198	1876	11.3	111.3	353.3	0.8	24.9	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	0.48	3.1	1.5	0.2	0.1	0.00	0.21	0.69
02	0.44	3.1	1.3	0.3	0.0	0.03	0.28	0.66
03	0.39	1.9	0.9	0.1	0.0	0.00	0.23	0.45
04	0.49	2.3	1.3	0.3	0.0	0.06	0.19	0.63
05	1.30	4.8	2.8	0.8	0.2	0.58	1.08	1.73
06	1.67	6.1	3.6	1.0	0.4	1.06	1.51	2.19
07	2.25	7.3	4.1	1.5	0.5	0.86	1.93	3.57
08	1.93	7.1	4.1	1.5	0.4	0.90	1.62	2.46
09	1.71	5.8	3.0	1.2	0.3	0.56	1.26	2.40
10	1.17	4.3	2.5	0.8	0.2	0.22	0.57	1.51
11	0.70	3.3	1.6	0.4	0.1	0.06	0.34	1.16
12	0.47	2.6	1.2	0.2	0.0	0.06	0.20	0.60
Summary	13.00	51.7	27.9	8.3	2.2	4.39	9.42	18.05

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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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	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
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	0.20	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.00	0.00	0.00
Summary	0.4	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	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	300.9	397.5	631.9	832.9	1111.3	1228.4	1263.3	1244.5	1038.0	845.1	514.4	320.4
45	180.5	272.0	482.5	683.6	956.3	1078.4	1108.3	1089.5	888.0	691.2	374.8	196.0
50	91.4	165.1	340.0	535.4	801.4	928.3	953.3	934.5	738.0	539.3	246.9	102.5
55	35.2	84.6	211.2	390.4	646.8	778.4	798.3	779.5	588.1	391.3	138.7	43.0
60	8.6	34.2	108.4	253.7	493.6	628.3	643.3	624.5	439.2	252.0	60.5	12.1
Growing Degree Units for Corn (Monthly)												
50/86	189.2	243.8	399.1	537.2	724.3	809.2	850.9	843.8	702.7	543.1	308.7	197.3

Growing Degree Units (Accumulated Monthly)												
40	301	698	1330	2163	3274	4503	5766	7011	8049	8894	9408	9729
45	180	452	935	1619	2575	3653	4762	5851	6739	7430	7805	8001
50	91	256	596	1132	1933	2862	3815	4749	5487	6027	6274	6376
55	35	120	331	721	1368	2147	2945	3724	4312	4704	4842	4886
60	9	43	151	405	898	1527	2170	2795	3234	3486	3546	3558
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	189	433	832	1369	2094	2903	3754	4598	5300	5843	6152	6349

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

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