

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1747 ft. Lat: 30.4453° N Lon: 99.8045° W
Station: JUNCTION 4SSW, TX US USC00414670

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	62.0	29.5	45.8	4.0	4.1	3.1	19.8	12.1	5.2	1.0	0.1	0.0	306.4	360.7	446.8	597.6	0.0	0.1	26.0	0.4	20.2	0.0
02	66.0	33.8	49.9	4.8	3.8	3.6	49.6	33.6	16.8	4.4	0.3	0.0	192.3	232.4	299.5	427.0	0.0	0.2	25.0	0.4	13.9	0.0
03	73.2	41.8	57.5	3.7	4.1	3.5	160.3	123.6	77.7	26.3	4.6	1.8	82.9	108.1	155.3	258.8	0.0	0.8	29.9	0.0	6.8	0.0
04	81.0	49.2	65.1	3.1	3.6	2.8	320.8	269.6	197.7	99.2	36.5	21.9	17.8	26.6	44.6	96.2	0.1	4.9	29.9	0.0	2.4	0.0
05	86.7	59.5	73.1	3.1	2.3	2.2	562.8	502.0	411.6	268.5	146.0	105.9	1.8	2.9	5.6	17.4	1.1	11.5	31.0	0.0	0.1	0.0
06	92.8	66.9	79.9	2.8	2.0	2.1	745.3	685.4	595.3	445.4	296.5	238.5	0.0	0.0	0.0	0.0	2.9	23.2	30.0	0.0	0.0	0.0
07	95.6	68.3	81.9	3.3	1.8	2.2	835.4	773.4	680.4	525.4	370.7	309.1	0.0	0.0	0.0	0.0	7.3	27.4	31.0	0.0	0.0	0.0
08	95.8	67.5	81.6	2.9	1.8	2.0	825.9	763.9	670.9	516.0	361.3	299.8	0.0	0.0	0.0	0.0	8.4	27.2	31.0	0.0	0.0	0.0
09	89.0	60.5	74.8	3.2	3.2	2.5	592.8	533.2	444.3	301.5	172.4	127.3	0.4	0.7	1.8	9.0	1.2	16.5	30.0	0.0	0.0	0.0
10	81.0	49.5	65.2	3.2	3.7	2.1	337.5	284.4	210.4	108.1	40.7	24.1	19.8	28.7	47.7	100.5	0.0	4.6	30.6	0.0	2.2	0.0
11	69.8	38.9	54.4	4.0	3.4	2.9	106.9	79.5	46.8	15.7	3.3	1.5	126.3	158.9	216.2	335.2	0.0	0.1	28.2	0.0	10.6	0.0
12	62.5	30.4	46.5	3.8	4.1	2.9	26.9	17.1	7.6	1.3	0.0	0.0	291.7	343.9	427.4	576.1	0.0	0.1	27.1	0.4	19.1	0.0
Summary	79.6	49.6	64.6	3.5	3.2	2.7	4584	4078	3365	2313	1432	1130	1039	1263	1645	2418	21.0	116.6	349.7	1.2	75.3	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	0.90	3.5	1.9	0.7	0.2	0.27	0.69	1.45
02	1.28	3.9	2.5	0.9	0.1	0.32	1.00	1.69
03	2.04	4.8	3.4	1.5	0.5	0.95	1.87	2.62
04	1.96	3.6	2.8	1.4	0.7	0.65	1.85	2.78
05	2.73	4.8	3.9	1.8	0.8	1.79	2.59	3.16
06	2.56	3.9	3.4	1.8	0.8	1.62	2.14	3.50
07	1.52	4.1	2.8	0.9	0.4	0.37	1.60	2.24
08	1.89	4.4	3.5	1.2	0.3	0.60	1.27	2.69
09	2.73	4.6	3.6	1.8	0.9	1.45	3.00	3.93
10	2.87	4.1	2.8	1.6	0.9	0.59	2.31	3.85
11	1.35	3.9	2.5	0.8	0.3	0.25	0.96	1.80
12	1.19	4.0	2.3	0.6	0.2	0.55	0.95	1.73
Summary	23.02	49.6	35.4	15.0	6.1	9.41	20.23	31.44

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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	0.10	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	0.00	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	0.20	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
12	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
Summary	0.4	0.3	0.0	0.0	0.0	0.0	0.2	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	221.4	299.9	549.1	753.4	1026.1	1195.4	1300.4	1290.9	1042.5	783.2	439.5	239.7
45	119.9	190.8	405.0	604.6	871.1	1045.3	1145.4	1135.9	892.5	629.8	308.5	137.3
50	54.0	106.1	272.0	458.6	716.3	895.3	990.4	980.8	742.5	480.1	196.0	66.9
55	19.8	49.6	160.3	320.8	562.8	745.3	835.4	825.9	592.8	337.5	106.9	26.9
60	5.2	16.8	77.7	197.7	411.6	595.3	680.4	670.9	444.3	210.4	46.8	7.6
Growing Degree Units for Corn (Monthly)												
50/86	207.6	239.4	383.4	508.8	678.2	788.2	838.3	825.6	683.9	528.1	319.6	214.6

Growing Degree Units (Accumulated Monthly)												
40	221	521	1070	1824	2850	4045	5346	6637	7679	8462	8902	9142
45	120	311	716	1320	2191	3237	4382	5518	6410	7040	7349	7486
50	54	160	432	891	1607	2502	3493	4474	5216	5696	5892	5959
55	20	69	230	550	1113	1859	2694	3520	4113	4450	4557	4584
60	5	22	100	297	709	1304	1985	2656	3100	3310	3357	3365
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	208	447	830	1339	2017	2806	3644	4470	5153	5682	6001	6216

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