

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 211 ft. Lat: 32.7692° N Lon: 94.3592° W
Station: JEFFERSON, TX US USC00414577

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	56.9	34.2	45.5	4.5	3.7	3.6	29.1	20.9	12.0	3.4	0.6	0.1	321.9	375.8	459.9	606.3	0.0	0.0	21.2	0.7	16.5	0.0
02	61.2	37.1	49.1	4.8	3.4	3.8	45.2	31.3	16.4	4.3	0.7	0.3	208.9	250.9	320.0	448.0	0.0	0.0	23.3	0.4	10.0	0.0
03	69.1	44.4	56.8	3.5	3.4	3.3	146.9	112.8	71.4	27.1	5.7	2.2	92.6	120.6	172.1	282.8	0.0	0.0	29.3	0.1	4.5	0.0
04	76.6	51.5	64.1	3.0	3.4	3.0	288.6	238.9	171.3	82.7	28.7	16.3	17.1	27.4	49.7	111.2	0.0	0.5	29.8	0.0	0.5	0.0
05	83.4	61.2	72.3	2.3	2.3	2.1	536.7	475.4	384.8	241.7	122.5	84.6	0.5	1.1	3.5	15.5	0.0	4.7	31.0	0.0	0.0	0.0
06	90.6	69.3	79.9	2.7	2.1	2.1	748.3	688.4	598.3	448.4	299.9	242.3	0.0	0.0	0.0	0.0	1.2	17.2	30.0	0.0	0.0	0.0
07	94.0	72.2	83.1	3.0	1.6	2.1	871.0	809.0	716.0	561.0	406.2	344.5	0.0	0.0	0.0	0.0	4.6	26.0	31.0	0.0	0.0	0.0
08	94.5	70.8	82.7	3.9	2.2	2.7	856.9	795.0	701.9	547.0	392.5	331.4	0.0	0.0	0.0	0.0	5.1	24.5	31.0	0.0	0.0	0.0
09	88.7	63.6	76.2	3.1	3.1	2.5	634.5	575.0	486.3	342.8	210.0	162.2	0.1	0.6	1.9	8.4	0.8	14.1	30.0	0.0	0.0	0.0
10	78.7	51.5	65.1	3.0	3.7	2.4	329.8	277.0	204.7	108.0	45.0	28.6	16.6	25.9	46.6	104.9	0.0	2.5	31.0	0.0	0.5	0.0
11	67.0	42.1	54.5	3.8	3.9	3.5	113.6	87.3	55.1	21.3	5.8	2.9	127.0	160.7	218.5	334.7	0.0	0.0	27.9	0.0	7.5	0.0
12	58.9	35.4	47.2	3.4	3.1	2.8	40.8	29.4	16.7	5.0	0.8	0.3	284.0	334.6	414.9	558.2	0.0	0.0	23.5	0.2	15.3	0.0
Summary	76.6	52.8	64.7	3.4	3.0	2.8	4641	4140	3435	2393	1518	1216	1069	1298	1687	2470	11.7	89.5	339.0	1.4	54.8	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	4.08	8.3	6.0	2.9	1.3	2.73	3.89	5.39
02	4.23	8.5	6.3	2.7	1.0	2.26	3.47	5.35
03	4.83	8.7	6.6	3.4	1.7	2.81	4.77	6.22
04	4.74	7.6	6.0	3.4	1.7	3.05	4.00	5.99
05	5.11	8.2	6.2	3.1	1.6	2.28	3.95	7.10
06	5.10	7.7	5.8	2.9	1.4	3.16	4.47	6.11
07	2.96	5.5	4.0	2.1	1.0	1.40	2.31	3.28
08	2.42	5.8	4.3	2.0	0.6	0.85	1.96	3.54
09	3.77	5.6	4.3	2.4	1.2	1.41	3.30	6.12
10	4.47	6.8	5.1	3.0	1.4	2.38	3.84	5.46
11	3.61	7.9	5.7	2.6	1.6	1.72	3.36	4.78
12	4.42	8.8	6.1	3.2	1.7	3.16	4.58	6.30
Summary	49.74	89.4	66.4	33.7	16.2	27.21	43.90	65.64

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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	0.50	0.2	0.2	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
02	0.70	0.4	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
03	0.10	0.1	0.1	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	1.3	0.7	0.6	0.2	0.0	0.0	0.6	0.2	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	223.1	277.9	524.3	721.5	1001.3	1198.3	1336.0	1321.9	1084.4	778.4	443.5	255.0
45	126.8	173.6	379.8	572.1	846.3	1048.3	1181.0	1166.9	934.4	624.5	310.5	151.1
50	64.3	96.0	250.8	425.6	691.3	898.3	1026.0	1011.9	784.3	473.2	198.1	82.3
55	29.1	45.2	146.9	288.6	536.7	748.3	871.0	856.9	634.5	329.8	113.6	40.8
60	12.0	16.4	71.4	171.3	384.8	598.3	716.0	701.9	486.3	204.7	55.1	16.7
Growing Degree Units for Corn (Monthly)												
50/86	148.9	182.8	329.5	468.6	675.8	821.1	898.5	874.8	721.5	508.0	287.4	170.0

Growing Degree Units (Accumulated Monthly)												
40	223	501	1025	1747	2748	3946	5282	6604	7689	8467	8911	9166
45	127	300	680	1252	2099	3147	4328	5495	6429	7054	7364	7515
50	64	160	411	837	1528	2426	3452	4464	5248	5722	5920	6002
55	29	74	221	510	1046	1795	2666	3523	4157	4487	4601	4641
60	12	28	100	271	656	1254	1970	2672	3158	3363	3418	3435
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	149	332	661	1130	1806	2627	3525	4400	5122	5630	5917	6087

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