

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 1531 ft. Lat: 30.7478° N Lon: 99.2306° W
Station: MASON, TX US USC00415650

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	61.1	33.6	47.3	3.7	2.9	2.8	31.4	19.9	9.0	2.0	0.2	0.0	268.2	318.8	401.0	549.0	0.0	0.0	25.1	0.4	16.6	0.0
02	65.3	37.5	51.4	4.7	2.7	3.4	63.9	45.4	24.2	6.5	0.8	0.3	164.6	202.2	265.0	387.2	0.0	0.2	24.9	0.5	10.4	0.0
03	71.5	44.8	58.1	3.3	3.7	3.1	168.7	130.1	82.4	30.3	6.5	2.7	71.1	94.5	139.8	242.7	0.0	0.9	29.8	0.0	4.2	0.0
04	79.5	51.7	65.6	3.6	2.5	2.5	330.7	277.4	203.0	101.6	37.4	22.6	12.7	19.4	35.0	83.6	0.2	3.4	29.8	0.0	0.5	0.0
05	85.5	61.7	73.6	3.5	2.1	2.5	577.1	515.9	424.7	279.0	152.9	111.2	0.6	1.3	3.1	12.4	0.7	10.3	31.0	0.0	0.0	0.0
06	92.5	68.0	80.3	3.0	1.7	2.1	757.4	697.4	607.4	457.5	308.2	249.6	0.0	0.0	0.0	0.1	2.4	21.9	30.0	0.0	0.0	0.0
07	95.5	70.8	83.1	3.2	1.5	2.2	872.6	810.6	717.6	562.6	407.7	345.8	0.0	0.0	0.0	0.0	5.9	26.9	31.0	0.0	0.0	0.0
08	95.8	70.4	83.1	3.3	1.4	2.3	870.9	808.9	715.9	560.9	406.0	344.1	0.0	0.0	0.0	0.0	7.7	27.2	31.0	0.0	0.0	0.0
09	89.7	63.8	76.8	3.0	2.1	2.0	652.6	592.7	503.1	356.2	218.6	169.0	0.1	0.3	0.7	3.8	1.5	17.3	30.0	0.0	0.0	0.0
10	80.6	53.2	66.9	2.8	3.1	1.7	382.0	325.8	246.6	134.4	53.1	32.7	13.1	18.9	32.7	75.5	0.1	4.9	30.7	0.0	0.4	0.0
11	69.9	43.5	56.7	4.2	3.4	3.4	139.9	106.2	65.1	22.7	4.0	1.6	88.8	115.2	164.0	271.6	0.0	0.2	28.7	0.0	5.0	0.0
12	63.0	35.6	49.3	2.9	2.5	2.0	46.8	31.3	14.9	2.8	0.1	0.0	223.2	269.8	346.4	489.4	0.0	0.0	27.6	0.3	14.2	0.0
Summary	79.2	52.9	66.0	3.4	2.5	2.5	4894	4362	3614	2516	1595	1280	842	1040	1388	2115	18.5	113.2	349.6	1.2	51.3	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	1.32	5.2	2.7	0.8	0.2	0.42	1.21	2.06	
02	1.88	5.5	3.1	1.2	0.4	0.36	1.64	2.43	
03	2.15	6.2	3.8	1.7	0.5	1.05	1.96	3.04	
04	2.30	5.3	2.8	1.4	0.7	0.96	2.05	3.37	
05	4.21	7.7	5.3	2.9	1.2	2.66	3.89	5.10	
06	3.80	6.1	4.4	2.2	0.9	1.56	3.12	4.00	
07	2.30	4.9	3.2	1.4	0.8	0.75	1.73	2.82	
08	2.01	4.4	2.9	1.2	0.5	0.83	1.71	3.04	
09	3.03	6.1	3.8	1.8	0.9	1.16	2.72	4.27	
10	2.58	5.3	3.5	1.4	0.8	0.87	1.87	3.70	
11	1.94	4.8	2.7	1.0	0.5	0.51	1.27	2.89	
12	1.38	5.3	2.9	1.1	0.5	0.55	1.19	1.67	
Summary	28.90	66.8	41.1	18.1	7.9	11.68	24.36	38.39	

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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	262.8	337.6	567.6	768.3	1041.6	1207.4	1337.6	1335.9	1102.4	834.2	505.6	309.4
45	154.2	221.8	421.7	619.0	886.6	1057.4	1182.6	1180.9	952.4	680.1	367.5	190.7
50	76.8	127.6	285.0	471.6	731.6	907.3	1027.6	1025.8	802.4	528.5	243.7	102.3
55	31.4	63.9	168.7	330.7	577.1	757.4	872.6	870.9	652.6	382.0	139.9	46.8
60	9.0	24.2	82.4	203.0	424.7	607.4	717.6	715.9	503.1	246.6	65.1	14.9
Growing Degree Units for Corn (Monthly)												
50/86	198.1	234.0	365.1	498.5	691.4	803.7	877.3	871.4	729.1	544.8	326.9	222.4

Growing Degree Units (Accumulated Monthly)												
40	263	600	1168	1936	2978	4185	5523	6859	7961	8795	9301	9610
45	154	376	798	1417	2303	3361	4543	5724	6677	7357	7724	7915
50	77	204	489	961	1693	2600	3627	4653	5456	5984	6228	6330
55	31	95	264	595	1172	1929	2802	3673	4325	4707	4847	4894
60	9	33	116	319	743	1351	2068	2784	3287	3534	3599	3614
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	198	432	797	1296	1987	2791	3668	4540	5269	5813	6140	6363

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

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