

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1224 ft. Lat: 37.3186° N Lon: 91.9628° W
Station: HOUSTON, MO US USC00234019

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	42.5	24.3	33.4	3.6	3.7	3.4	1.8	0.8	0.2	0.0	0.0	0.0	671.1	732.2	824.5	979.4	0.0	0.0	9.5	7.0	26.0	0.9
02	47.5	27.8	37.6	4.6	3.8	4.0	6.9	4.3	1.8	0.2	0.0	0.0	492.6	546.0	627.5	766.0	0.0	0.0	12.4	3.7	20.8	0.1
03	56.8	35.5	46.1	4.8	4.2	4.4	39.9	27.7	15.6	4.7	0.4	0.1	314.2	364.0	444.9	589.0	0.0	0.0	21.7	0.9	14.2	0.1
04	67.5	45.3	56.4	3.7	3.7	3.6	139.8	109.0	70.9	27.0	6.3	2.6	97.9	127.1	178.9	285.1	0.0	0.2	28.3	0.0	4.5	0.0
05	75.3	54.2	64.8	3.2	3.4	3.1	318.5	266.1	193.7	95.7	31.5	16.9	16.3	25.8	46.4	103.4	0.0	0.7	30.8	0.0	0.5	0.0
06	82.6	63.2	72.9	2.4	2.0	2.0	537.4	477.9	389.7	247.9	123.6	83.1	0.5	1.0	2.8	10.9	0.1	3.4	30.0	0.0	0.0	0.0
07	87.1	66.7	76.9	3.0	2.7	2.6	678.8	616.8	523.8	369.9	223.4	170.0	0.0	0.0	0.0	1.0	0.4	11.6	31.0	0.0	0.0	0.0
08	86.2	65.0	75.6	3.5	3.1	3.2	638.4	576.4	484.0	332.0	192.2	143.7	0.0	0.0	0.6	3.5	0.7	10.6	31.0	0.0	0.0	0.0
09	79.1	56.8	68.0	3.1	3.2	2.8	395.7	340.4	261.8	148.6	66.6	43.6	7.3	12.0	23.4	60.1	0.1	2.7	30.0	0.0	0.2	0.0
10	68.5	45.1	56.8	3.2	2.0	2.3	149.9	116.2	74.3	28.1	7.3	3.7	94.1	122.3	173.5	282.2	0.0	0.1	29.6	0.0	3.7	0.0
11	56.1	35.9	46.0	4.9	3.7	4.0	30.7	20.5	10.0	2.2	0.2	0.1	300.6	350.5	430.0	572.2	0.0	0.0	21.7	0.6	14.1	0.0
12	45.7	27.6	36.7	4.1	3.4	3.6	3.7	2.1	0.5	0.0	0.0	0.0	572.4	632.8	724.2	878.7	0.0	0.0	12.0	3.9	23.7	0.4
Summary	66.2	45.6	55.9	3.7	3.2	3.3	2941	2558	2026	1256	652	464	2567	2914	3477	4532	1.3	29.3	288.0	16.1	107.7	1.5

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	2.74	7.0	5.0	1.6	0.7	1.73	2.45	3.35	
02	2.51	7.5	4.8	1.9	0.6	1.32	2.40	3.42	
03	3.79	8.9	6.3	2.8	0.7	2.88	3.45	4.45	
04	5.03	9.6	6.5	2.9	1.6	3.23	4.00	5.97	
05	5.43	11.4	8.4	3.8	1.4	4.02	4.71	7.01	
06	4.22	8.6	6.2	2.6	1.0	2.40	3.83	5.56	
07	3.76	7.4	5.3	2.4	1.1	2.44	2.99	4.52	
08	4.27	7.4	5.3	2.6	1.3	2.73	4.17	5.72	
09	4.17	6.6	5.0	2.7	1.3	2.42	3.47	5.70	
10	3.53	7.3	5.4	2.1	0.8	2.10	2.75	4.51	
11	4.39	8.4	6.5	3.0	1.3	2.04	4.12	5.83	
12	2.95	7.0	4.5	1.9	0.7	1.60	2.56	3.67	
Summary	46.79	97.1	69.2	30.3	12.5	28.91	40.90	59.71	

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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	1.60	1.5	0.8	0.2	0.1	0.0					0.00	1.30	1.60
02	0.60	0.9	0.4	0.0	0.0	0.0					0.00	0.00	0.50
03	0.50	0.2	0.1	0.1	0.1	0.0					0.00	0.00	0.00
04	0.00	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.30	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
12	0.70	1.0	0.7	0.3	0.2	0.0					0.00	0.00	0.40
Summary	3.7	3.8	2.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.5

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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	52.5	92.3	250.4	497.2	767.3	986.9	1143.7	1103.4	838.4	524.9	230.9	73.7
45	21.4	45.4	154.1	360.2	612.7	836.9	988.8	948.4	688.7	380.4	135.5	33.5
50	7.3	19.9	84.6	237.7	460.8	686.9	833.8	793.4	540.2	253.1	70.4	12.8
55	1.8	6.9	39.9	139.8	318.5	537.4	678.8	638.4	395.7	149.9	30.7	3.7
60	0.2	1.8	15.6	70.9	193.7	389.7	523.8	484.0	261.8	74.3	10.0	0.5
Growing Degree Units for Corn (Monthly)												
50/86	33.1	58.8	150.8	292.6	481.6	674.0	788.3	747.9	544.7	317.6	129.5	42.5

Growing Degree Units (Accumulated Monthly)												
40	52	145	395	892	1660	2647	3790	4894	5732	6257	6488	6562
45	21	67	221	581	1194	2031	3020	3968	4657	5037	5172	5206
50	7	27	112	350	810	1497	2331	3124	3665	3918	3988	4001
55	2	9	49	188	507	1044	1723	2362	2757	2907	2938	2941
60	0	2	18	88	282	672	1196	1680	1941	2016	2026	2026
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	33	92	243	535	1017	1691	2479	3227	3772	4089	4219	4261

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