

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 900 ft. Lat: 39.7425° N Lon: 94.0347° W

Station: HAMILTON 2W, MO US USC00233568

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	35.2	15.6	25.4	4.7	4.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	917.4	979.3	1072.3	1227.4	0.0	0.0	4.8	12.1	29.5	3.9
02	40.2	19.6	29.9	6.5	5.4	5.8	2.1	1.4	0.6	0.1	0.0	0.0	704.8	760.0	843.2	982.8	0.0	0.0	8.2	8.1	25.5	2.3
03	52.3	30.0	41.2	5.3	4.4	4.7	21.3	14.5	7.5	1.8	0.1	0.0	450.7	505.9	591.9	741.2	0.0	0.0	18.2	2.1	21.1	0.4
04	63.3	40.2	51.7	3.7	3.1	3.3	77.9	57.6	33.4	10.0	1.6	0.5	175.4	215.1	280.9	407.6	0.0	0.0	26.3	0.1	8.8	0.0
05	73.1	51.7	62.4	3.3	3.1	3.1	260.0	213.5	151.3	71.4	24.1	13.6	30.6	46.1	76.9	152.0	0.0	0.5	30.9	0.0	1.0	0.0
06	82.3	61.7	72.0	2.3	2.1	1.9	510.6	451.3	363.4	224.9	109.3	74.4	0.8	1.4	3.5	15.0	0.1	4.8	30.0	0.0	0.0	0.0
07	86.8	66.0	76.4	3.1	2.4	2.5	663.3	601.3	508.3	355.5	210.5	158.4	0.0	0.0	0.0	2.2	0.8	11.5	31.0	0.0	0.0	0.0
08	85.5	63.7	74.6	3.4	3.0	2.9	607.4	545.5	452.8	302.0	167.0	122.2	0.0	0.1	0.4	4.5	0.7	9.4	31.0	0.0	0.0	0.0
09	78.0	54.1	66.0	3.4	3.4	3.2	343.2	290.1	217.2	117.3	51.5	34.0	11.8	18.7	35.8	85.8	0.1	2.5	30.0	0.0	0.6	0.0
10	65.9	41.9	53.9	3.2	2.6	2.5	105.1	78.4	47.7	17.5	4.8	2.5	139.2	174.5	236.8	361.6	0.0	0.1	28.4	0.0	7.1	0.0
11	51.5	30.3	40.9	6.0	4.0	4.8	12.0	7.2	3.0	0.7	0.1	0.0	434.9	490.2	576.0	723.6	0.0	0.0	17.5	1.7	19.0	0.1
12	39.8	20.1	30.0	4.9	4.4	4.4	0.7	0.4	0.1	0.0	0.0	0.0	777.1	838.7	931.4	1086.4	0.0	0.0	7.5	8.9	28.6	1.7
Summary	62.8	41.2	52.0	4.2	3.5	3.6	2604	2261	1785	1101	569	406	3643	4030	4649	5790	1.7	28.8	263.8	33.0	141.2	8.4

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 900 ft. Lat: 39.7425° N Lon: 94.0347° W
Station: **HAMILTON 2W, MO US USC00233568**

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

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	1.10	5.8	2.9	0.6	0.1	0.55	1.08	1.46
02	1.64	5.7	3.7	0.8	0.3	0.88	1.36	1.95
03	2.81	7.9	5.6	2.0	0.6	1.65	2.33	4.03
04	3.99	10.1	6.9	2.9	1.0	2.86	3.88	5.21
05	5.78	11.3	8.4	3.9	1.7	3.66	5.18	9.16
06	4.96	9.8	7.5	3.5	1.4	3.24	4.96	6.29
07	3.86	8.2	6.1	2.6	1.2	2.10	3.59	4.88
08	4.27	8.1	5.8	2.6	1.5	2.90	4.23	5.27
09	4.25	7.7	5.7	2.7	1.3	2.19	3.46	5.50
10	3.29	8.1	5.6	2.1	0.9	1.70	2.69	4.16
11	2.25	6.4	4.4	1.4	0.6	1.29	2.02	2.80
12	1.72	6.0	3.6	1.2	0.3	0.85	1.53	2.35
Summary	39.92	95.1	66.2	26.3	10.9	23.87	36.31	53.06

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 900 ft. Lat: 39.7425° N Lon: 94.0347° W
Station: **HAMILTON 2W, MO US USC00233568**

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	2.90	1.2	0.8	0.3	0.0	0.0					0.20	2.60	5.30
02	1.50	1.3	0.9	0.6	0.4	0.0					0.00	0.00	1.90
03	1.00	0.4	0.4	0.2	0.0	0.0					0.00	0.00	0.10
04	0.10	0.1	0.1	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	0.50	0.3	0.2	0.2	0.0	0.0					0.00	0.00	0.00
12	1.60	1.0	0.7	0.2	0.0	0.0					0.00	0.00	1.40
Summary	7.6	4.3	3.1	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.2	2.6	8.7

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 900 ft. Lat: 39.7425° N Lon: 94.0347° W
Station: **HAMILTON 2W, MO US USC00233568**

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	13.1	34.5	157.7	371.9	694.5	959.8	1128.2	1072.4	781.4	440.9	142.5	27.6
45	3.6	14.5	89.7	250.4	540.9	809.8	973.2	917.4	631.7	305.6	75.1	10.0
50	0.6	5.7	46.8	150.1	393.5	659.9	818.2	762.4	484.3	191.2	34.2	3.2
55	0.0	2.1	21.3	77.9	260.0	510.6	663.3	607.4	343.2	105.1	12.0	0.7
60	0.0	0.6	7.5	33.4	151.3	363.4	508.3	452.8	217.2	47.7	3.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	13.6	28.7	109.8	225.1	428.8	645.4	772.2	723.2	502.7	274.0	93.5	22.7

Growing Degree Units (Accumulated Monthly)												
40	13	48	205	577	1272	2232	3360	4432	5214	5654	5797	5824
45	4	18	108	358	899	1709	2682	3600	4231	4537	4612	4622
50	1	6	53	203	597	1257	2075	2837	3322	3513	3547	3550
55	0	2	23	101	361	872	1535	2143	2486	2591	2603	2604
60	0	1	8	42	193	556	1064	1517	1734	1782	1785	1785
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	14	42	152	377	806	1451	2224	2947	3450	3724	3817	3840

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.