

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 710 ft. Lat: 40.4664° N Lon: 87.6850° W
Station: **HOOPESTON, IL US USC00114198**

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	33.5	18.3	25.9	4.7	5.3	4.9	0.3	0.2	0.0	0.0	0.0	0.0	902.2	964.0	1056.8	1211.7	0.0	0.0	3.1	14.2	27.5	3.2
02	38.3	21.7	30.0	6.0	5.8	5.8	1.0	0.5	0.1	0.0	0.0	0.0	700.9	756.4	839.9	979.8	0.0	0.0	5.3	9.1	23.5	1.6
03	50.4	30.9	40.7	5.2	4.5	4.7	19.5	13.2	6.8	1.8	0.2	0.0	464.4	520.1	606.6	756.6	0.0	0.0	15.3	2.2	18.0	0.1
04	63.9	41.3	52.6	3.4	3.2	3.1	84.3	62.4	37.3	12.1	2.2	0.8	156.3	194.4	259.3	384.1	0.0	0.0	26.7	0.0	6.1	0.0
05	74.3	52.5	63.4	3.6	3.5	3.4	285.0	236.8	171.8	88.8	34.8	21.1	24.7	38.5	66.5	138.4	0.0	0.9	30.9	0.0	0.2	0.0
06	82.7	61.7	72.2	2.1	2.0	1.8	516.5	457.0	369.4	232.1	116.8	80.6	0.6	1.2	3.7	16.3	0.0	5.0	30.0	0.0	0.0	0.0
07	84.8	64.5	74.7	3.0	2.4	2.6	609.1	547.1	454.1	301.0	162.2	116.3	0.0	0.0	0.1	1.9	0.2	6.7	31.0	0.0	0.0	0.0
08	83.4	62.5	72.9	2.6	2.8	2.6	556.4	494.4	401.8	251.9	122.9	83.4	0.0	0.1	0.5	5.5	0.0	4.6	31.0	0.0	0.0	0.0
09	78.6	55.2	66.9	3.3	2.7	2.8	364.4	309.7	232.7	125.8	53.3	33.5	7.5	12.8	25.9	69.0	0.0	2.7	30.0	0.0	0.1	0.0
10	65.6	44.4	55.0	2.8	2.5	2.5	119.5	90.6	56.5	20.6	5.3	2.7	119.5	152.7	211.5	330.6	0.0	0.1	29.0	0.0	2.8	0.0
11	50.4	33.2	41.8	5.1	4.1	4.4	16.6	10.3	4.1	0.7	0.0	0.0	412.6	466.3	550.0	696.6	0.0	0.0	15.5	1.5	14.8	0.0
12	38.1	23.9	31.0	4.9	4.9	4.7	1.8	1.2	0.5	0.1	0.0	0.0	745.7	807.0	899.3	1053.9	0.0	0.0	4.8	9.3	25.2	0.9
Summary	62.0	42.5	52.3	3.9	3.6	3.6	2574	2223	1735	1035	498	338	3534	3914	4520	5644	0.2	20.0	252.6	36.3	118.2	5.8

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

Current Location: Elev: 710 ft. Lat: 40.4664° N Lon: 87.6850° W
Station: **HOOPESTON, IL US USC00114198**

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

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	2.12	8.8	4.9	1.2	0.3	1.31	1.82	2.75	
02	1.96	8.1	4.7	1.0	0.4	1.16	1.64	2.45	
03	2.82	8.6	5.6	1.9	0.5	1.65	2.60	3.90	
04	3.95	11.0	7.7	2.8	0.9	2.68	3.27	5.30	
05	4.78	11.4	8.5	3.3	1.2	3.19	4.74	5.94	
06	4.89	10.4	7.9	3.3	1.2	3.16	4.46	6.13	
07	4.59	9.1	6.8	3.3	1.3	2.54	4.35	5.96	
08	3.96	8.0	5.7	2.4	1.0	2.14	3.09	4.61	
09	3.36	7.5	5.3	2.2	0.9	1.73	3.10	3.68	
10	3.43	8.7	6.1	2.3	1.0	1.79	3.01	4.28	
11	2.91	8.5	6.2	2.0	0.6	1.90	2.88	3.81	
12	2.12	7.8	5.3	1.3	0.3	1.53	1.81	2.62	
Summary	40.89	107.9	74.7	27.0	9.6	24.78	36.77	51.43	

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: 710 ft. Lat: 40.4664° N Lon: 87.6850° W
Station: **HOOPESTON, IL US USC00114198**

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

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	6.50	4.1	2.7	0.8	0.3	0.0	11.3	6.0	2.1	0.0	2.60	5.10	8.70
02	5.20	3.5	2.1	0.8	0.1	0.0	6.9	3.2	1.5	0.0	1.00	4.10	7.00
03	2.20	1.5	0.8	0.3	0.1	0.0	2.1	0.9	0.3	0.0	0.00	1.40	2.70
04	0.40	0.4	0.1	0.0	0.0	0.0	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	0.0	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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.60	0.9	0.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.00	0.00	0.90
12	5.30	2.6	1.7	0.7	0.2	0.0	5.7	2.9	1.0	0.0	1.10	3.00	7.30
Summary	20.3	13.0	7.7	2.6	0.7	0.0	26.6	13.0	4.9	0.0	4.7	13.6	26.6

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

Current Location: Elev: 710 ft. Lat: 40.4664° N Lon: 87.6850° W
Station: **HOOPESTON, IL US USC00114198**

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

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	14.9	30.5	146.0	392.5	725.4	965.8	1074.1	1021.4	806.9	470.2	155.9	33.7
45	5.0	12.6	83.3	265.7	571.0	815.8	919.1	866.4	657.0	329.5	86.0	13.6
50	1.5	4.3	44.0	160.3	421.5	665.9	764.1	711.4	508.3	210.2	41.9	5.2
55	0.3	1.0	19.5	84.3	285.0	516.5	609.1	556.4	364.4	119.5	16.6	1.8
60	0.0	0.1	6.8	37.3	171.8	369.4	454.1	401.8	232.7	56.5	4.1	0.5
Growing Degree Units for Corn (Monthly)												
50/86	6.8	16.7	87.8	234.6	451.1	649.7	737.9	693.8	519.5	273.2	79.2	14.1

Growing Degree Units (Accumulated Monthly)												
40	15	45	191	584	1309	2275	3349	4371	5177	5648	5804	5837
45	5	18	101	367	938	1753	2672	3539	4196	4525	4611	4625
50	2	6	50	210	632	1298	2062	2773	3281	3492	3533	3539
55	0	1	21	105	390	907	1516	2072	2436	2556	2573	2574
60	0	0	7	44	216	585	1040	1441	1674	1730	1735	1735
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	24	111	346	797	1447	2185	2878	3398	3671	3750	3764

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.