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

Summary of Monthly Normals 1991-2020

Generated on 11/06/2026

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

Current Location: Elev: 650 ft. Lat: 40.6675° N Lon: 89.6839° W

Station: **PEORIA GTR PEORIA AP, IL US USW00014842**

Temperature (°F)

Month	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
	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	33.6	17.6	25.6	4.7	5.1	4.8	0.2	0.1	0.0	0.0	0.0	0.0	911.4	973.2	1066.0	1221.0	0.0	0.0	2.8	14.3	28.0	3.7
02	38.7	21.4	30.0	5.8	5.9	5.8	1.1	0.5	0.1	0.0	0.0	0.0	699.6	755.0	838.5	978.4	0.0	0.0	5.2	8.9	24.2	1.5
03	51.2	31.6	41.4	4.8	4.5	4.6	20.8	14.1	7.5	2.1	0.2	0.0	442.4	497.7	584.1	733.7	0.0	0.0	16.2	2.0	17.4	0.2
04	63.7	42.1	52.9	3.6	3.1	3.2	85.1	62.7	37.6	12.5	2.5	1.1	148.2	185.7	250.7	375.5	0.0	0.0	26.6	0.0	4.3	0.0
05	74.2	52.8	63.5	3.4	3.3	3.2	284.6	235.9	170.8	88.3	34.4	21.0	21.1	34.4	62.3	134.9	0.0	0.8	30.8	0.0	0.1	0.0
06	83.2	62.4	72.8	2.3	2.0	2.0	534.1	474.6	386.5	247.2	128.5	90.9	0.2	0.7	2.7	13.3	0.0	5.1	30.0	0.0	0.0	0.0
07	86.3	66.3	76.3	3.2	2.5	2.7	660.2	598.2	505.2	351.1	204.3	152.7	0.0	0.0	0.0	0.9	0.3	8.5	31.0	0.0	0.0	0.0
08	84.6	64.4	74.5	2.6	2.8	2.6	604.4	542.5	449.7	297.1	158.8	113.2	0.0	0.0	0.3	2.7	0.0	5.8	31.0	0.0	0.0	0.0
09	78.4	56.3	67.4	3.5	3.1	3.1	378.4	323.6	246.2	136.8	61.7	40.9	8.0	13.2	25.9	66.5	0.0	2.8	30.0	0.0	0.1	0.0
10	65.4	44.4	54.9	3.0	2.4	2.5	118.5	90.5	57.1	21.5	5.9	3.1	121.6	155.7	215.2	334.7	0.0	0.1	28.1	0.0	3.3	0.0
11	50.8	33.0	41.9	5.3	4.1	4.6	15.3	9.4	4.0	0.7	0.0	0.0	408.3	462.3	546.9	693.7	0.0	0.0	15.6	1.8	15.0	0.0
12	38.5	23.2	30.9	4.8	4.9	4.7	1.3	0.8	0.2	0.0	0.0	0.0	749.8	811.3	903.6	1058.5	0.0	0.0	4.8	9.6	25.2	1.0
Summary	62.4	43.0	52.7	3.9	3.6	3.7	2704	2353	1865	1157	596	423	3511	3889	4496	5614	0.3	23.1	252.1	36.6	117.6	6.4

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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	2.06	9.9	4.6	1.2	0.4	1.06	1.99	3.02
02	1.99	9.2	4.6	1.1	0.4	1.11	1.74	2.74
03	2.69	10.5	5.9	1.6	0.4	1.63	2.19	3.58
04	3.99	11.6	7.7	2.7	0.9	2.57	3.79	4.86
05	4.69	12.5	8.4	2.9	1.4	2.71	4.97	5.75
06	3.73	10.5	6.7	2.5	1.0	1.86	3.31	4.96
07	3.53	8.7	5.4	2.4	1.0	1.69	2.79	4.47
08	3.31	8.4	5.9	2.7	0.8	1.60	3.17	4.62
09	3.48	7.6	5.0	2.5	1.0	1.56	3.19	4.13
10	3.17	9.5	6.0	2.2	0.7	1.87	2.42	4.38
11	2.70	9.1	5.5	1.8	0.7	1.85	2.58	3.47
12	2.21	9.7	4.9	1.3	0.5	1.30	1.95	2.97
Summary	37.55	117.2	70.6	24.9	9.2	20.81	34.09	48.95

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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	7.70	6.2	2.5	0.8	0.3	0.0	14.2	7.3	3.6	0.7	5.10	6.80	9.80
02	6.90	4.9	2.2	0.8	0.2	0.0	8.8	4.9	2.6	0.5	1.80	3.50	12.40
03	3.30	2.2	1.0	0.3	0.2	0.0	3.1	1.5	0.4	0.0	0.80	2.10	6.00
04	0.50	0.6	0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.30
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.50	1.4	0.5	0.1	0.0	0.0	1.3	0.4	0.0	0.0	0.00	0.20	1.80
12	6.20	4.6	1.8	0.6	0.2	0.0	7.9	3.6	1.8	0.1	2.50	5.10	7.80
Summary	26.2	20.0	8.1	2.6	0.9	0.0	35.6	17.8	8.4	1.3	10.2	17.7	38.1

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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	12.5	30.6	154.2	398.9	728.5	983.8	1125.1	1069.3	820.3	467.4	155.9	31.6
45	3.7	12.8	86.9	269.8	574.1	833.8	970.2	914.4	670.7	327.2	84.6	11.4
50	0.9	4.7	45.3	162.8	423.1	683.9	815.2	759.4	522.5	208.9	39.9	3.8
55	0.2	1.1	20.8	85.1	284.6	534.1	660.2	604.4	378.4	118.5	15.3	1.3
60	0.0	0.1	7.5	37.6	170.8	386.5	505.2	449.7	246.2	57.1	4.0	0.2
Growing Degree Units for Corn (Monthly)												
50/86	7.1	18.9	92.6	229.6	448.2	662.2	776.6	732.9	525.5	270.0	81.8	15.3
Growing Degree Units (Accumulated Monthly)												
40	12	43	197	596	1325	2308	3434	4503	5323	5791	5946	5978
45	4	16	103	373	947	1781	2751	3666	4336	4664	4748	4760
50	1	6	51	214	637	1321	2136	2895	3418	3627	3667	3670
55	0	1	22	107	392	926	1586	2190	2569	2687	2703	2704
60	0	0	8	45	216	602	1108	1557	1804	1861	1865	1865
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	26	119	348	796	1459	2235	2968	3494	3764	3845	3861

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

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