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

Summary of Monthly Normals 1991-2020

Generated on 11/11/2026

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

Current Location: Elev: 568 ft. Lat: 41.5181° N Lon: 90.5647° W

Station: **ROCK ISLAND L&D 15, IL US USC00117391**

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	31.0	13.4	22.2	4.8	5.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1016.6	1078.6	1171.5	1326.6	0.0	0.0	1.9	16.1	28.8	4.2
02	36.3	17.9	27.1	6.4	6.3	6.2	0.2	0.0	0.0	0.0	0.0	0.0	781.3	837.2	921.1	1061.1	0.0	0.0	4.2	9.9	24.6	1.9
03	48.4	28.0	38.2	4.9	4.6	4.7	12.0	7.9	4.2	0.9	0.0	0.0	532.8	590.7	680.1	831.7	0.0	0.0	14.4	2.7	18.2	0.3
04	61.4	39.3	50.3	3.8	3.1	3.3	57.7	41.1	23.5	7.3	1.4	0.6	197.2	240.6	313.1	446.8	0.0	0.0	25.2	0.0	4.1	0.0
05	72.3	50.8	61.6	3.5	2.9	3.0	235.6	190.4	131.9	61.5	20.9	11.9	32.6	49.4	83.9	168.5	0.0	0.9	30.8	0.0	0.1	0.0
06	81.2	61.0	71.1	2.3	2.0	2.1	483.4	424.4	337.7	202.6	94.4	62.3	0.5	1.5	4.9	19.7	0.0	4.1	30.0	0.0	0.0	0.0
07	83.9	64.9	74.4	3.2	2.7	2.9	601.3	539.3	446.4	293.4	154.3	108.7	0.0	0.0	0.0	2.1	0.1	6.6	31.0	0.0	0.0	0.0
08	82.4	63.1	72.7	2.6	2.8	2.6	550.2	488.3	395.8	246.4	117.6	78.2	0.0	0.1	0.7	6.3	0.0	4.3	31.0	0.0	0.0	0.0
09	76.7	55.0	65.8	3.4	2.7	2.9	336.1	282.7	208.1	108.3	42.3	26.0	10.7	17.3	32.7	82.9	0.0	2.0	30.0	0.0	0.0	0.0
10	63.7	42.9	53.3	3.2	2.6	2.8	95.2	71.0	42.9	14.5	3.8	2.2	147.9	185.7	250.7	377.2	0.0	0.1	27.9	0.0	1.9	0.0
11	48.7	30.2	39.4	6.0	4.6	5.2	9.8	5.8	2.4	0.2	0.0	0.0	476.3	532.3	618.8	766.7	0.0	0.0	14.5	2.2	14.1	0.0
12	36.0	19.7	27.8	5.2	5.1	5.1	0.6	0.3	0.1	0.0	0.0	0.0	842.2	903.9	996.6	1151.6	0.0	0.0	4.0	10.8	26.1	1.1
Summary	60.2	40.5	50.3	4.1	3.7	3.8	2382	2051	1593	935	435	290	4038	4437	5074	6241	0.1	18.0	244.9	41.7	117.9	7.5

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	1.49	10.6	3.6	0.8	0.1	0.80	1.38	2.06
02	1.78	8.9	4.2	1.2	0.4	0.83	1.51	2.44
03	2.62	10.1	5.4	1.6	0.6	1.31	1.85	3.96
04	3.81	11.9	7.1	2.8	0.9	2.35	3.85	5.06
05	5.12	13.1	8.1	3.7	1.5	3.69	4.43	6.07
06	5.22	12.1	7.7	3.5	1.5	3.64	4.50	6.85
07	4.22	8.5	5.8	2.8	1.4	2.38	3.81	5.52
08	4.03	9.6	5.7	2.8	1.3	1.76	3.97	5.38
09	3.31	8.4	5.2	2.2	0.9	1.54	3.13	4.43
10	2.89	9.5	4.8	1.7	0.8	2.07	2.80	3.53
11	2.30	9.7	4.8	1.5	0.4	1.29	1.81	2.73
12	2.02	10.3	4.7	1.3	0.3	1.21	1.63	2.76
Summary	38.81	122.7	67.1	25.9	10.1	22.87	34.67	50.79

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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	3.5	17.5	105.7	332.8	668.0	932.7	1066.2	1015.0	775.2	422.3	118.0	15.8
45	0.6	6.5	56.4	214.3	514.5	782.8	911.3	860.1	625.6	287.9	60.3	5.5
50	0.0	1.5	28.0	120.3	366.9	632.8	756.3	705.1	477.6	176.4	26.6	1.8
55	0.0	0.2	12.0	57.7	235.6	483.4	601.3	550.2	336.1	95.2	9.8	0.6
60	0.0	0.0	4.2	23.5	131.9	337.7	446.4	395.8	208.1	42.9	2.4	0.1
Growing Degree Units for Corn (Monthly)												
50/86	3.4	13.0	69.4	194.4	399.3	620.9	733.7	689.7	488.9	238.5	64.8	9.4
Growing Degree Units (Accumulated Monthly)												
40	4	21	127	460	1128	2060	3126	4141	4917	5339	5457	5473
45	1	7	64	278	792	1575	2486	3346	3972	4260	4320	4326
50	0	2	30	150	517	1150	1906	2611	3088	3265	3292	3293
55	0	0	12	70	306	789	1390	1940	2276	2372	2382	2382
60	0	0	4	28	160	497	944	1340	1548	1590	1593	1593
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	16	86	280	680	1300	2034	2724	3213	3451	3516	3525

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

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