

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 400 ft. Lat: 37.4747° N Lon: 88.4122° W
Station: ROSICLARE 5NW, IL US USC00117487

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	41.2	22.4	31.8	4.2	4.6	4.3	2.3	1.0	0.3	0.0	0.0	0.0	721.2	782.0	874.2	1029.0	0.0	0.0	9.0	7.0	24.8	1.3
02	46.2	25.1	35.7	4.9	4.7	4.6	4.4	2.6	1.0	0.1	0.0	0.0	546.1	600.3	682.7	821.9	0.0	0.0	12.1	4.0	21.2	0.4
03	56.3	33.3	44.8	5.5	5.2	5.2	34.3	24.2	12.9	3.1	0.5	0.2	350.5	402.4	484.1	629.3	0.0	0.0	22.1	0.6	15.1	0.1
04	67.6	42.6	55.1	3.2	3.4	3.2	119.9	91.1	55.7	18.6	3.1	1.1	116.9	148.1	202.7	315.6	0.0	0.0	28.7	0.0	4.9	0.0
05	75.2	52.6	63.9	2.9	3.4	2.9	293.8	242.8	174.1	83.6	24.5	12.1	17.9	28.9	53.2	117.7	0.0	0.1	30.9	0.0	0.4	0.0
06	83.0	61.5	72.3	2.4	2.5	2.1	517.7	458.0	369.6	228.6	110.1	73.0	0.3	0.6	2.2	11.2	0.1	5.0	30.0	0.0	0.0	0.0
07	86.4	65.2	75.8	3.0	2.7	2.6	644.7	582.7	489.7	335.7	191.2	139.4	0.0	0.0	0.0	1.0	0.4	11.0	31.0	0.0	0.0	0.0
08	86.1	63.0	74.5	3.2	2.8	2.5	605.9	544.0	451.1	298.2	158.5	110.9	0.0	0.0	0.2	2.2	0.4	10.1	31.0	0.0	0.0	0.0
09	80.4	55.1	67.8	3.3	3.3	2.8	387.9	332.0	252.4	138.6	57.8	35.6	5.5	9.6	20.0	56.3	0.1	4.4	30.0	0.0	0.1	0.0
10	69.2	42.9	56.0	3.1	2.5	2.3	129.6	99.1	61.6	22.5	5.5	2.6	97.0	128.5	184.1	299.9	0.0	0.2	30.4	0.0	4.6	0.0
11	55.9	33.4	44.6	5.1	4.1	4.3	25.8	17.3	8.5	1.7	0.0	0.0	336.2	387.8	468.9	612.2	0.0	0.0	21.5	0.4	14.9	0.0
12	45.2	26.3	35.8	4.3	4.1	4.1	3.7	1.9	0.5	0.0	0.0	0.0	600.4	660.5	752.2	906.6	0.0	0.0	11.6	3.7	22.6	0.2
Summary	66.1	43.6	54.8	3.8	3.6	3.4	2770	2397	1877	1131	551	375	2792	3149	3724	4803	1.0	30.8	288.3	15.7	108.6	2.0

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

Current Location: Elev: 400 ft. Lat: 37.4747° N Lon: 88.4122° W
Station: **ROSICLARE 5NW, IL US USC00117487**

Summary of Monthly Normals
1991-2020
Generated on 04/29/2024

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	3.90	9.5	6.5	2.8	1.0	2.79	3.64	4.96
02	3.71	9.0	6.4	2.7	1.0	2.50	3.13	4.12
03	5.08	11.5	8.2	3.4	1.4	3.33	4.26	5.47
04	5.12	10.5	7.8	3.3	1.4	3.40	4.66	6.62
05	5.35	11.0	8.5	3.6	1.4	3.52	5.31	6.83
06	4.61	8.9	6.5	3.3	1.4	3.24	4.26	5.65
07	4.40	9.0	6.4	2.6	1.2	2.23	3.72	5.74
08	3.24	7.4	5.1	2.2	0.8	1.66	3.03	3.94
09	3.24	6.7	4.6	2.1	1.1	1.58	2.61	5.05
10	3.57	7.6	5.5	2.6	0.9	2.00	3.51	5.11
11	4.23	8.6	6.4	2.8	1.3	2.55	3.73	5.84
12	4.44	10.0	7.3	3.5	1.1	3.05	3.89	5.36
Summary	50.89	109.7	79.2	34.9	14.0	31.85	45.75	64.69

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: 400 ft. Lat: 37.4747° N Lon: 88.4122° W
Station: **ROSICLARE 5NW, IL US USC00117487**

Summary of Monthly Normals
1991-2020
Generated on 04/29/2024

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	0.90	0.6	0.3	0.1	0.0	0.0	3.8	1.8	1.0	0.0	0.00	0.00	0.60
02	1.40	0.5	0.3	0.1	0.1	0.0	3.5	1.4	0.7	0.2	0.00	0.00	0.00
03	0.20	0.2	0.2	0.1	0.0	0.0	0.7	0.2	0.2	0.0	0.00	0.00	0.00
04	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
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	0.20	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	0.00	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
12	0.60	0.5	0.5	0.1	0.0	0.0	1.0	0.4	0.3	0.0	0.00	0.00	0.00
Summary	3.3	1.9	1.3	0.4	0.1	0.0	9.2	3.9	2.2	0.2	0.0	0.0	0.6

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

Current Location: Elev: 400 ft. Lat: 37.4747° N Lon: 88.4122° W
Station: **ROSICLARE 5NW, IL US USC00117487**

Summary of Monthly Normals
1991-2020
Generated on 04/29/2024

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	48.2	73.6	221.9	460.9	740.9	967.3	1109.7	1070.9	832.3	501.1	204.7	70.7
45	22.1	34.4	133.4	327.6	586.3	817.4	954.7	915.9	682.5	355.6	119.1	31.8
50	8.6	14.1	72.6	211.3	433.9	667.4	799.7	760.9	533.5	228.9	60.4	12.4
55	2.3	4.4	34.3	119.9	293.8	517.7	644.7	605.9	387.9	129.6	25.8	3.7
60	0.3	1.0	12.9	55.7	174.1	369.6	489.7	451.1	252.4	61.6	8.5	0.5
Growing Degree Units for Corn (Monthly)												
50/86	28.3	51.2	143.8	288.9	470.4	653.6	764.0	724.4	540.3	320.8	128.2	41.2

Growing Degree Units (Accumulated Monthly)												
40	48	122	344	805	1546	2513	3622	4693	5526	6027	6232	6302
45	22	56	190	518	1104	1921	2876	3792	4474	4830	4949	4981
50	9	23	95	307	740	1408	2208	2969	3502	3731	3791	3804
55	2	7	41	161	455	972	1617	2223	2611	2740	2766	2770
60	0	1	14	70	244	614	1103	1554	1807	1868	1877	1877
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	28	80	223	512	983	1636	2400	3125	3665	3986	4114	4155

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.