

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 535 ft. Lat: 39.0061° N Lon: 87.7769° W
Station: **ROBINSON, IL US USC00117345**

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	37.1	20.1	28.6	4.5	5.0	4.7	0.6	0.3	0.1	0.0	0.0	0.0	818.5	880.1	973.0	1127.8	0.0	0.0	5.9	10.2	26.2	2.4
02	42.1	23.4	32.8	5.5	5.7	5.5	2.6	1.3	0.4	0.0	0.0	0.0	625.4	680.1	763.2	902.8	0.0	0.0	6.7	7.4	24.0	1.0
03	52.9	32.5	42.7	5.2	4.3	4.6	27.8	19.6	10.4	2.9	0.4	0.2	409.1	462.8	546.7	694.2	0.0	0.0	19.0	1.4	16.3	0.1
04	65.7	42.8	54.2	3.6	3.1	3.1	111.7	85.6	52.9	16.9	3.2	1.4	134.2	168.1	225.4	339.4	0.0	0.0	27.4	0.1	4.3	0.0
05	75.7	54.3	65.0	3.7	3.3	3.4	328.4	276.7	206.3	111.6	47.9	29.9	18.4	28.8	51.4	111.7	0.0	1.9	31.0	0.0	0.1	0.0
06	84.7	63.4	74.1	2.5	1.8	1.9	571.4	511.6	422.5	278.8	152.3	109.5	0.1	0.4	1.2	7.5	0.1	9.5	30.0	0.0	0.0	0.0
07	87.4	65.7	76.5	3.2	2.5	2.7	667.9	605.8	512.9	359.1	215.0	163.4	0.0	0.0	0.0	1.3	0.7	12.2	31.0	0.0	0.0	0.0
08	86.1	63.0	74.5	2.5	2.9	2.4	605.9	543.9	451.0	299.1	162.0	116.2	0.0	0.0	0.1	3.2	0.2	9.7	31.0	0.0	0.0	0.0
09	80.9	55.5	68.2	3.5	2.7	2.9	402.0	346.1	266.7	150.8	68.4	45.8	6.2	10.5	20.9	55.1	0.2	5.4	30.0	0.0	0.0	0.0
10	68.2	43.8	56.0	2.9	2.4	2.4	132.2	102.2	66.5	28.8	10.1	5.9	101.2	133.2	190.5	307.8	0.0	0.7	29.4	0.0	3.8	0.0
11	53.5	33.7	43.6	5.4	4.1	4.5	18.7	11.4	4.8	1.3	0.3	0.1	360.7	413.4	496.8	643.2	0.0	0.0	19.4	0.9	15.0	0.0
12	41.7	25.3	33.5	4.5	4.7	4.5	1.7	0.9	0.2	0.0	0.0	0.0	668.0	729.2	821.5	976.3	0.0	0.0	8.5	6.0	23.9	0.4
Summary	64.7	43.6	54.1	3.9	3.5	3.5	2871	2505	1995	1249	660	472	3142	3507	4091	5170	1.2	39.4	269.3	26.0	113.6	3.9

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	3.11	7.5	4.7	1.9	0.8	1.88	2.69	3.84
02	2.41	7.5	5.0	2.0	0.5	1.50	2.29	2.91
03	3.64	9.8	6.9	2.9	1.3	2.54	3.28	4.59
04	5.17	9.2	7.8	3.4	1.3	3.21	4.54	6.32
05	4.67	11.2	8.2	3.1	1.3	3.07	4.17	6.34
06	4.57	8.5	6.2	2.8	1.3	2.05	4.51	6.75
07	4.17	8.6	6.2	2.8	1.3	2.78	4.04	5.21
08	3.45	6.2	4.4	2.0	0.9	2.27	3.11	4.57
09	3.66	6.1	4.7	2.4	1.1	1.92	2.97	6.15
10	3.70	7.8	5.4	3.0	1.4	1.72	2.91	4.87
11	3.78	7.6	5.8	2.7	1.2	2.55	3.97	4.77
12	3.15	8.8	6.6	2.7	1.0	2.08	2.85	4.18
Summary	45.48	98.8	71.9	31.7	13.4	27.57	41.33	60.50

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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	26.8	49.9	179.7	437.7	775.0	1021.3	1132.9	1070.9	845.7	498.5	180.2	48.9
45	10.4	22.8	105.9	307.7	620.4	871.3	977.9	915.9	695.9	354.0	100.7	19.1
50	2.8	8.7	58.6	196.7	469.0	721.3	822.9	760.9	547.1	229.3	48.9	6.0
55	0.6	2.6	27.8	111.7	328.4	571.4	667.9	605.9	402.0	132.2	18.7	1.7
60	0.1	0.4	10.4	52.9	206.3	422.5	512.9	451.0	266.7	66.5	4.8	0.2
Growing Degree Units for Corn (Monthly)												
50/86	14.8	31.8	110.0	263.5	487.1	691.3	772.9	724.0	547.3	307.2	103.2	24.4

Growing Degree Units (Accumulated Monthly)												
40	27	77	256	694	1469	2490	3623	4694	5540	6038	6219	6267
45	10	33	139	447	1067	1938	2916	3832	4528	4882	4983	5002
50	3	12	70	267	736	1457	2280	3041	3588	3817	3866	3872
55	1	3	31	143	471	1042	1710	2316	2718	2850	2869	2871
60	0	0	11	64	270	693	1206	1656	1923	1990	1994	1995
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	47	157	420	907	1598	2371	3095	3643	3950	4053	4077

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