

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 580 ft. Lat: 39.4408° N Lon: 90.3789° W
Station: **WHITE HALL 1 E, IL US USC00119241**

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	35.4	18.4	26.9	4.2	4.7	4.3	0.6	0.4	0.1	0.0	0.0	0.0	871.5	933.2	1025.8	1180.7	0.0	0.0	4.3	12.5	27.9	2.9
02	40.5	21.9	31.2	5.6	5.8	5.5	1.4	0.8	0.3	0.0	0.0	0.0	667.8	723.1	806.5	946.2	0.0	0.0	7.0	7.4	23.7	1.6
03	51.7	31.5	41.6	5.0	4.4	4.6	22.8	15.7	7.9	1.9	0.1	0.0	438.2	493.1	578.3	727.3	0.0	0.0	16.9	1.9	17.9	0.2
04	64.1	41.9	53.0	3.5	3.0	3.1	90.6	66.9	40.3	13.4	2.6	1.1	150.6	186.9	250.3	373.5	0.0	0.0	26.6	0.0	4.8	0.0
05	73.9	53.2	63.5	3.3	3.2	3.1	286.3	236.4	170.4	85.8	30.7	17.1	21.3	33.4	60.4	130.8	0.0	0.5	30.9	0.0	0.1	0.0
06	82.5	62.3	72.4	2.5	2.1	2.1	522.1	462.7	375.0	236.1	118.2	81.3	0.2	0.8	3.2	14.3	0.1	5.5	30.0	0.0	0.0	0.0
07	85.6	65.7	75.7	2.9	2.4	2.5	640.1	578.0	485.1	331.7	187.4	137.0	0.0	0.0	0.1	1.6	0.3	8.5	31.0	0.0	0.0	0.0
08	84.4	63.6	74.0	2.8	2.8	2.6	588.9	526.9	434.3	282.7	147.7	103.9	0.0	0.0	0.4	3.9	0.1	6.4	31.0	0.0	0.0	0.0
09	78.9	55.1	67.0	3.3	3.2	3.1	368.1	313.6	236.9	130.6	56.1	36.0	8.2	13.7	27.1	70.8	0.0	3.4	30.0	0.0	0.0	0.0
10	66.8	43.4	55.1	3.0	2.4	2.5	122.3	93.6	59.6	23.6	6.4	3.3	119.3	152.5	211.6	330.6	0.0	0.3	28.9	0.0	4.2	0.0
11	52.3	32.6	42.5	5.5	3.9	4.5	19.2	12.3	5.5	1.1	0.1	0.0	395.7	448.8	531.9	677.5	0.0	0.0	17.0	1.4	15.7	0.0
12	40.5	23.7	32.1	4.5	4.4	4.3	1.2	0.6	0.1	0.0	0.0	0.0	711.0	772.4	864.8	1019.7	0.0	0.0	7.0	8.0	25.8	0.6
Summary	63.0	42.8	52.9	3.8	3.5	3.5	2664	2308	1815	1107	549	380	3384	3758	4360	5477	0.5	24.6	260.6	31.2	120.1	5.3

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	2.06	8.2	4.1	1.1	0.5	0.99	1.48	2.60	
02	2.05	7.4	4.3	1.2	0.5	1.48	2.01	2.77	
03	2.91	10.9	6.4	1.9	0.4	2.26	2.75	3.48	
04	4.41	12.1	7.7	3.2	1.2	3.01	4.36	5.10	
05	4.81	13.4	8.7	2.8	1.3	2.99	4.35	6.45	
06	4.67	10.7	7.0	3.5	1.7	2.55	3.37	6.79	
07	3.87	8.8	6.2	2.8	1.1	1.72	3.56	4.69	
08	3.35	8.7	5.7	2.1	1.0	1.96	2.85	4.92	
09	2.99	8.0	5.1	2.0	0.7	1.68	2.62	3.53	
10	3.02	9.6	5.7	1.9	0.6	1.75	2.41	3.95	
11	3.11	9.1	6.0	2.1	0.8	1.82	2.96	4.52	
12	2.33	8.9	4.7	1.4	0.5	1.28	1.83	3.25	
Summary	39.58	115.8	71.6	26.0	10.3	23.49	34.55	52.05	

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

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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	6.30	3.2	2.2	0.8	0.2	0.1	9.2	4.3	2.1	0.7	2.40	5.20	6.80
02	4.70	2.5	1.7	0.6	0.4	0.0	5.5	2.6	1.2	0.0	0.60	2.70	6.80
03	1.80	1.1	0.7	0.2	0.1	0.0	1.0	0.3	0.0	0.0	0.00	0.90	2.40
04	0.40	0.2	0.2	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.30	0.6	0.5	0.2	0.0	0.0	0.7	0.3	0.1	0.0	0.00	0.00	1.70
12	3.70	2.2	1.7	0.3	0.0	0.0	3.2	0.6	0.2	0.0	1.00	2.30	4.90
Summary	18.2	9.8	7.0	2.1	0.7	0.1	19.7	8.1	3.6	0.7	4.0	11.1	22.6

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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	19.2	39.2	158.1	402.7	730.0	971.8	1105.0	1053.8	809.8	473.9	167.3	38.7
45	6.8	16.4	90.1	274.8	575.5	821.8	950.0	898.8	660.1	334.5	92.8	15.1
50	1.9	5.2	47.6	169.2	425.1	671.8	795.0	743.8	511.9	215.9	46.5	4.9
55	0.6	1.4	22.8	90.6	286.3	522.1	640.1	588.9	368.1	122.3	19.2	1.2
60	0.1	0.3	7.9	40.3	170.4	375.0	485.1	434.3	236.9	59.6	5.5	0.1
Growing Degree Units for Corn (Monthly)												
50/86	12.7	27.9	100.0	235.8	447.6	653.2	762.5	718.7	519.5	286.4	97.8	23.4

Growing Degree Units (Accumulated Monthly)												
40	19	58	216	619	1349	2321	3426	4480	5290	5764	5931	5970
45	7	23	113	388	964	1785	2735	3634	4294	4629	4722	4737
50	2	7	55	224	649	1321	2116	2860	3372	3587	3634	3639
55	1	2	25	115	402	924	1564	2153	2521	2643	2662	2664
60	0	0	8	49	219	594	1079	1513	1750	1810	1815	1815
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	41	141	376	824	1477	2240	2958	3478	3764	3862	3886

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