

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 630 ft. Lat: 39.1611° N Lon: 89.4919° W

Station: **HILLSBORO, IL US USC00114108**

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	38.4	21.4	29.9	4.3	4.5	4.2	1.0	0.5	0.2	0.0	0.0	0.0	778.8	840.3	933.0	1087.6	0.0	0.0	5.8	9.7	25.6	1.8
02	44.5	25.4	34.9	5.5	5.3	5.3	5.1	3.1	1.3	0.2	0.0	0.0	566.4	620.4	702.6	841.5	0.0	0.0	10.1	5.3	20.4	0.5
03	55.4	34.2	44.8	5.3	4.6	4.8	37.9	27.5	15.7	4.5	0.6	0.1	354.1	405.7	486.9	630.7	0.0	0.0	20.0	1.0	13.7	0.0
04	68.3	44.1	56.2	3.3	3.0	3.0	136.9	105.8	68.1	26.4	6.6	3.2	100.9	129.8	182.2	290.5	0.0	0.1	28.5	0.0	3.4	0.0
05	77.7	54.3	66.0	3.0	3.4	3.0	351.0	296.7	221.7	119.6	47.9	29.0	10.0	17.7	35.7	88.6	0.0	1.5	30.9	0.0	0.0	0.0
06	86.0	63.3	74.6	2.3	2.1	2.1	589.4	529.5	440.3	296.1	166.6	123.3	0.0	0.2	0.9	6.8	0.2	10.7	30.0	0.0	0.0	0.0
07	88.7	66.6	77.6	3.0	2.6	2.6	702.1	640.1	547.1	392.5	243.4	188.9	0.0	0.0	0.0	0.5	0.9	14.3	31.0	0.0	0.0	0.0
08	87.3	64.7	76.0	2.8	2.6	2.5	650.9	588.9	495.9	342.2	198.3	147.7	0.0	0.0	0.0	1.4	0.3	10.5	31.0	0.0	0.0	0.0
09	81.7	56.7	69.2	3.1	2.9	2.8	430.3	373.3	291.1	169.2	79.6	54.5	4.4	7.4	15.2	43.4	0.1	5.0	30.0	0.0	0.1	0.0
10	69.7	45.8	57.8	3.0	2.7	2.5	166.7	131.3	86.9	36.1	10.7	5.9	81.5	108.1	156.7	260.9	0.0	0.3	30.1	0.0	2.5	0.0
11	54.6	35.2	44.9	5.6	4.1	4.6	30.0	21.0	11.0	2.3	0.1	0.0	333.0	384.0	464.0	605.2	0.0	0.0	19.8	0.9	11.8	0.0
12	42.8	26.4	34.6	4.8	4.1	4.3	2.7	1.6	0.7	0.1	0.0	0.0	635.0	695.9	787.9	942.3	0.0	0.0	8.5	5.6	22.7	0.3
Summary	66.3	44.8	55.5	3.8	3.5	3.5	3104	2719	2180	1389	754	553	2864	3210	3765	4799	1.5	42.4	275.7	22.5	100.2	2.6

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	2.52	6.3	4.3	1.9	0.8	1.24	2.38	3.39
02	2.61	6.3	4.5	1.5	0.5	1.51	2.46	3.56
03	3.05	8.4	6.4	3.0	0.7	1.92	3.06	4.09
04	5.03	9.6	7.8	3.8	1.4	2.96	4.48	6.55
05	5.06	11.2	8.4	3.5	1.8	2.94	4.75	6.15
06	3.83	8.6	7.4	3.2	0.9	2.89	3.68	4.57
07	3.74	7.3	6.4	2.8	1.2	2.04	3.31	4.30
08	3.14	6.6	5.5	2.4	1.1	1.77	3.19	4.31
09	3.30	5.9	4.7	2.0	0.9	1.32	2.58	4.82
10	3.41	7.3	5.7	2.4	1.1	2.25	3.01	4.25
11	3.76	6.6	5.6	2.3	1.0	2.06	3.81	5.01
12	2.62	6.8	4.6	1.9	0.7	1.78	2.17	3.04
Summary	42.07	90.9	71.3	30.7	12.1	24.68	38.88	54.04

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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	31.5	69.9	222.7	492.2	806.0	1039.2	1167.0	1115.8	875.8	552.7	214.9	57.1
45	12.7	33.9	135.3	355.5	651.0	889.3	1012.1	960.9	726.0	405.5	127.0	24.3
50	4.4	14.3	75.2	235.0	497.5	739.3	857.1	805.9	576.9	275.0	67.1	8.7
55	1.0	5.1	37.9	136.9	351.0	589.4	702.1	650.9	430.3	166.7	30.0	2.7
60	0.2	1.3	15.7	68.1	221.7	440.3	547.1	495.9	291.1	86.9	11.0	0.7
Growing Degree Units for Corn (Monthly)												
50/86	16.7	44.8	137.2	302.3	514.1	699.8	795.0	757.6	572.9	341.7	121.7	28.6
Growing Degree Units (Accumulated Monthly)												
40	32	101	324	816	1622	2662	3828	4944	5820	6373	6588	6645
45	13	47	182	537	1188	2078	3090	4051	4777	5182	5309	5334
50	4	19	94	329	826	1566	2423	3229	3806	4081	4148	4156
55	1	6	44	181	532	1121	1823	2474	2905	3071	3101	3104
60	0	2	17	85	307	747	1294	1790	2081	2168	2179	2180
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	17	62	199	501	1015	1715	2510	3268	3840	4182	4304	4332

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