

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 405 ft. Lat: 38.8669° N Lon: 90.1489° W
Station: **ALTON - MELVIN PRICE L&D, IL US USC00110137**

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	39.0	21.7	30.3	4.4	4.2	4.0	0.9	0.3	0.0	0.0	0.0	0.0	764.7	826.2	919.0	1073.8	0.0	0.0	6.7	9.4	24.4	0.8
02	43.7	25.2	34.5	5.2	5.4	5.2	2.7	1.7	0.7	0.1	0.0	0.0	578.0	633.0	716.0	855.3	0.0	0.0	8.7	5.3	20.0	0.4
03	53.5	34.7	44.1	5.0	4.5	4.6	30.0	21.1	11.6	3.3	0.5	0.2	367.8	421.0	504.5	651.2	0.0	0.0	18.9	1.2	11.1	0.0
04	66.1	45.2	55.6	3.2	3.4	3.2	124.0	95.1	60.2	22.0	5.4	2.6	104.6	135.6	190.7	302.6	0.0	0.0	27.9	0.0	1.5	0.0
05	75.0	56.1	65.6	3.3	3.3	3.2	336.5	281.9	207.0	107.9	41.8	24.7	9.5	16.8	34.9	90.9	0.0	0.4	30.9	0.0	0.0	0.0
06	83.7	65.6	74.6	2.4	2.3	2.2	589.4	529.6	440.7	296.9	165.9	121.1	0.1	0.2	1.3	7.6	0.1	5.7	30.0	0.0	0.0	0.0
07	87.3	69.3	78.3	2.8	2.6	2.5	722.2	660.2	567.2	412.4	261.0	203.9	0.0	0.0	0.0	0.2	0.5	11.4	31.0	0.0	0.0	0.0
08	86.0	67.3	76.6	3.2	2.7	2.7	671.0	609.0	516.1	362.1	215.1	162.2	0.0	0.0	0.0	1.1	0.3	8.4	31.0	0.0	0.0	0.0
09	80.1	59.8	70.0	2.8	2.6	2.6	451.5	393.6	309.7	183.6	87.6	59.4	3.1	5.2	11.2	35.3	0.0	3.3	30.0	0.0	0.0	0.0
10	67.9	48.0	57.9	2.8	2.1	2.3	162.4	126.2	82.3	33.5	8.9	4.8	70.9	96.8	145.9	252.1	0.0	0.2	29.9	0.0	0.1	0.0
11	54.3	36.5	45.4	5.6	3.9	4.7	27.7	18.2	8.9	1.6	0.1	0.0	315.6	366.1	446.8	589.5	0.0	0.0	19.5	0.8	8.1	0.0
12	43.5	27.1	35.3	4.5	4.4	4.4	2.3	1.2	0.5	0.0	0.0	0.0	612.9	673.8	766.1	920.6	0.0	0.0	9.1	4.7	20.0	0.0
Summary	65.0	46.4	55.7	3.8	3.4	3.5	3121	2738	2205	1423	786	579	2827	3175	3736	4780	0.9	29.4	273.6	21.4	85.2	1.2

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	2.53	7.2	5.1	2.0	0.7	1.08	2.06	3.38
02	2.52	7.8	4.9	1.5	0.6	1.52	2.39	3.26
03	3.46	9.9	6.8	2.5	0.7	2.53	3.06	4.64
04	4.92	10.3	7.8	3.3	1.4	2.88	4.86	5.48
05	5.46	11.3	8.6	3.8	1.6	3.12	4.76	7.71
06	3.40	8.2	6.2	2.7	1.1	1.48	2.59	5.09
07	3.95	7.3	5.8	2.7	1.3	2.38	3.59	5.57
08	3.30	7.0	5.2	2.3	1.0	2.20	2.95	4.39
09	3.38	6.8	4.8	2.6	1.1	2.12	2.87	4.08
10	2.93	7.6	5.4	1.9	0.6	1.44	2.60	3.65
11	3.43	8.2	6.0	2.3	0.7	2.10	3.29	4.66
12	2.59	7.7	5.1	1.7	0.7	1.57	2.19	3.22
Summary	41.87	99.3	71.7	29.3	11.5	24.42	37.21	55.13

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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	33.0	58.9	204.3	475.1	792.1	1039.2	1187.1	1135.9	898.2	558.7	219.7	62.4
45	12.4	26.4	119.6	339.3	637.1	889.3	1032.2	981.0	748.4	409.1	127.3	26.7
50	3.9	9.1	63.6	219.3	483.0	739.3	877.2	826.0	599.1	273.2	65.1	9.3
55	0.9	2.7	30.0	124.0	336.5	589.4	722.2	671.0	451.5	162.4	27.7	2.3
60	0.0	0.7	11.6	60.2	207.0	440.7	567.2	516.1	309.7	82.3	8.9	0.5
Growing Degree Units for Corn (Monthly)												
50/86	20.8	37.7	115.2	273.8	491.8	713.2	830.1	788.6	591.3	320.9	112.9	31.3

Growing Degree Units (Accumulated Monthly)												
40	33	92	296	771	1563	2603	3790	4926	5824	6382	6602	6665
45	12	39	158	498	1135	2024	3056	4037	4786	5195	5322	5349
50	4	13	77	296	779	1518	2395	3221	3820	4094	4159	4168
55	1	4	34	158	494	1084	1806	2477	2928	3091	3118	3121
60	0	1	12	72	280	720	1287	1804	2113	2196	2204	2205
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	21	58	174	448	939	1652	2483	3271	3862	4183	4296	4328

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