

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 440 ft. Lat: 32.0142° N Lon: 85.7464° W
Station: **UNION SPRINGS 9 S, AL US USC00018438**

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	58.0	34.5	46.3	4.2	4.4	4.1	35.5	24.6	12.8	2.9	0.2	0.0	306.6	357.7	438.8	584.1	0.0	0.0	24.6	0.2	16.8	0.0
02	61.9	37.5	49.7	4.1	4.5	4.1	48.3	34.2	19.1	5.4	0.7	0.1	196.7	238.5	307.4	433.8	0.0	0.0	23.8	0.1	12.6	0.0
03	69.2	43.0	56.1	3.9	4.5	4.0	131.5	99.2	60.4	19.8	3.5	1.3	97.5	127.2	181.4	295.8	0.0	0.0	29.8	0.0	6.4	0.0
04	75.3	48.8	62.0	2.6	3.4	2.8	235.1	187.8	126.9	52.3	11.5	4.6	23.5	36.1	65.3	140.8	0.0	0.0	30.0	0.0	1.0	0.0
05	81.9	57.9	69.9	2.0	3.2	2.3	463.0	402.4	314.8	181.5	74.7	44.4	1.1	2.5	8.0	29.6	0.0	2.3	31.0	0.0	0.0	0.0
06	87.1	66.3	76.7	2.7	1.7	1.7	650.9	590.9	500.9	351.1	204.7	149.9	0.0	0.0	0.0	0.2	0.0	11.6	30.0	0.0	0.0	0.0
07	89.4	70.0	79.7	2.1	1.4	1.4	765.6	703.6	610.6	455.7	300.8	239.1	0.0	0.0	0.0	0.0	0.1	17.4	31.0	0.0	0.0	0.0
08	88.5	69.3	78.9	2.2	1.8	1.7	740.8	678.8	585.8	430.9	276.3	215.6	0.0	0.0	0.0	0.0	0.2	15.2	31.0	0.0	0.0	0.0
09	85.1	64.1	74.6	2.8	2.6	2.2	587.8	528.0	438.7	293.1	159.1	112.2	0.1	0.3	0.9	5.1	0.0	6.7	30.0	0.0	0.0	0.0
10	76.7	51.8	64.2	2.2	3.7	2.4	307.8	256.2	184.5	87.0	29.5	16.3	21.0	31.4	52.8	110.3	0.0	0.2	31.0	0.0	1.1	0.0
11	67.2	40.5	53.8	3.6	3.7	3.2	95.4	71.0	43.4	15.1	3.0	1.2	129.7	165.3	227.8	349.5	0.0	0.0	29.2	0.0	9.2	0.0
12	59.7	37.0	48.4	3.8	4.3	3.9	51.4	36.7	19.8	5.2	0.9	0.3	257.5	304.7	380.9	521.3	0.0	0.0	26.3	0.0	14.3	0.0
Summary	75.0	51.7	63.4	3.0	3.3	2.8	4113	3613	2918	1900	1065	785	1034	1264	1663	2470	0.3	53.4	347.7	0.3	61.4	0.0

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	5.02	8.5	7.0	3.8	1.7	3.68	4.64	5.98
02	4.72	7.8	6.9	3.3	1.6	3.48	4.69	5.55
03	5.47	7.5	6.7	3.6	2.2	3.54	5.18	6.57
04	4.57	6.7	5.8	3.1	1.7	2.60	3.90	5.86
05	4.34	5.9	5.1	2.5	1.3	1.56	4.70	5.97
06	4.91	8.7	7.3	3.3	1.3	2.84	3.76	6.22
07	5.90	9.9	8.6	4.2	2.0	3.57	4.92	6.60
08	5.00	8.9	7.5	3.1	1.2	3.09	4.35	6.23
09	3.79	5.8	4.7	2.8	1.3	1.92	2.76	5.39
10	3.41	4.6	3.8	1.8	1.0	1.27	2.85	4.53
11	4.83	6.0	5.5	3.1	1.5	3.21	4.33	5.82
12	5.23	7.6	6.5	3.3	1.7	2.96	4.68	6.66
Summary	57.19	87.9	75.4	37.9	18.5	33.72	50.76	71.38

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.20	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.20	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.0	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	0.00	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	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
12	0.20	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.6	0.4	0.4	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0

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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	242.3	289.1	503.8	661.7	926.9	1100.9	1230.6	1205.8	1037.8	752.1	420.6	287.0
45	143.7	179.7	359.8	512.7	771.9	950.9	1075.6	1050.8	887.8	598.3	286.5	178.1
50	76.5	101.3	232.9	368.3	617.0	800.9	920.6	895.8	737.8	448.8	175.7	102.4
55	35.5	48.3	131.5	235.1	463.0	650.9	765.6	740.8	587.8	307.8	95.4	51.4
60	12.8	19.1	60.4	126.9	314.8	500.9	610.6	585.8	438.7	184.5	43.4	19.8
Growing Degree Units for Corn (Monthly)												
50/86	157.1	189.5	326.3	429.0	620.0	763.4	860.5	844.9	714.4	495.7	281.1	179.5

Growing Degree Units (Accumulated Monthly)												
40	242	531	1035	1697	2624	3725	4955	6161	7199	7951	8372	8659
45	144	323	683	1196	1968	2919	3994	5045	5933	6531	6818	6996
50	76	178	411	779	1396	2197	3118	4013	4751	5200	5376	5478
55	36	84	215	450	913	1564	2330	3071	3658	3966	4062	4113
60	13	32	92	219	534	1035	1646	2231	2670	2854	2898	2918
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	157	347	673	1102	1722	2485	3346	4191	4905	5401	5682	5861

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