

Summary of Monthly Normals
1991-2020

Generated on 05/02/2024

Current Location: Elev: 866 ft. Lat: 40.5689° N Lon: 84.5369° W
Station: **CELINA 3 NE, OH US USC00331390**

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	33.7	18.7	26.2	4.7	5.5	5.0	0.2	0.1	0.0	0.0	0.0	0.0	892.8	954.6	1047.5	1202.6	0.0	0.0	3.2	15.0	27.0	2.6
02	37.9	21.5	29.7	5.9	5.8	5.8	1.0	0.5	0.2	0.0	0.0	0.0	709.3	764.8	848.5	988.3	0.0	0.0	4.5	9.9	23.3	1.4
03	48.8	29.7	39.3	5.3	4.5	4.8	13.4	8.8	4.6	1.2	0.1	0.0	501.6	559.0	647.8	799.4	0.0	0.0	13.7	2.8	18.4	0.1
04	62.7	39.7	51.2	3.0	2.6	2.6	69.0	50.2	28.7	8.8	1.5	0.5	183.0	224.3	292.7	422.8	0.0	0.0	26.5	0.0	5.9	0.0
05	73.1	51.1	62.1	3.8	3.3	3.4	251.1	205.5	145.3	69.8	23.8	13.0	31.0	47.5	80.2	159.7	0.0	0.3	30.8	0.0	0.3	0.0
06	81.0	60.1	70.5	2.4	1.9	1.9	467.3	408.5	322.0	190.5	87.6	57.9	0.9	2.1	5.6	24.1	0.1	2.8	30.0	0.0	0.0	0.0
07	83.7	63.0	73.4	2.9	2.6	2.6	568.8	506.8	413.8	262.3	131.8	90.9	0.0	0.0	0.1	3.6	0.0	4.5	31.0	0.0	0.0	0.0
08	82.2	60.9	71.5	2.4	2.5	2.3	513.0	451.2	358.9	212.5	95.7	62.0	0.0	0.2	0.9	9.5	0.0	2.2	31.0	0.0	0.0	0.0
09	77.3	54.2	65.7	3.3	2.5	2.7	332.1	278.9	205.5	105.2	40.1	23.9	9.7	16.6	33.1	82.7	0.0	1.8	30.0	0.0	0.1	0.0
10	64.7	43.7	54.2	2.7	2.2	2.3	104.8	78.6	46.5	14.4	3.9	1.8	129.6	165.4	226.4	349.3	0.0	0.1	28.3	0.0	2.6	0.0
11	50.1	33.1	41.6	5.0	3.4	4.0	12.0	6.8	2.6	0.2	0.0	0.0	414.0	468.8	554.6	702.2	0.0	0.0	15.1	1.8	14.4	0.0
12	38.3	24.3	31.3	4.7	4.7	4.7	0.9	0.5	0.2	0.0	0.0	0.0	735.5	797.1	889.7	1044.6	0.0	0.0	4.6	10.0	24.3	0.5
Summary	61.1	41.7	51.4	3.8	3.5	3.5	2334	1996	1528	865	384	250	3607	4000	4627	5789	0.1	11.7	248.7	39.5	116.3	4.6

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	2.76	11.6	6.6	1.6	0.4	1.84	2.37	3.15	
02	2.32	9.2	5.1	1.2	0.3	1.42	1.94	2.81	
03	2.87	11.1	6.8	1.9	0.3	2.11	2.62	3.44	
04	3.86	12.3	7.8	2.7	0.7	3.08	3.73	4.49	
05	4.05	12.9	8.4	2.6	1.0	2.62	3.87	5.43	
06	4.38	11.1	7.5	2.9	1.2	2.52	4.16	5.52	
07	4.58	9.7	6.9	3.2	1.2	2.59	3.94	5.56	
08	3.56	8.4	5.8	2.6	1.0	2.30	3.13	4.63	
09	2.75	8.0	5.6	2.1	0.6	1.44	2.55	3.81	
10	2.86	9.2	6.0	1.8	0.5	1.82	2.27	3.70	
11	3.15	9.3	5.9	2.0	0.6	1.83	2.56	4.29	
12	2.62	10.4	6.2	1.4	0.4	1.66	2.30	3.61	
Summary	39.76	123.2	78.6	26.0	8.2	25.23	35.44	50.44	

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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	10.80	6.9	3.4	1.4	0.3	0.0					4.60	8.30	13.60
02	7.10	4.5	2.5	0.7	0.2	0.0					2.20	3.60	10.00
03	4.10	2.8	1.4	0.4	0.2	0.0					1.70	3.40	5.80
04	0.50	0.6	0.2	0.0	0.0	0.0					0.00	0.00	0.70
05	0.00	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.10	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	1.30	1.0	0.4	0.2	0.0	0.0					0.00	0.00	1.90
12	4.90	4.8	1.9	0.6	0.1	0.0					1.10	3.90	7.20
Summary	28.8	20.8	9.9	3.3	0.8	0.0	0.0	0.0	0.0	0.0	9.6	19.2	39.2

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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	17.4	28.1	126.1	355.4	685.2	916.4	1033.8	978.0	772.4	445.6	147.0	31.6
45	6.0	11.3	69.4	234.0	531.3	766.4	878.8	823.0	622.6	307.6	78.7	11.8
50	1.6	3.7	33.7	136.5	383.3	616.4	723.8	668.0	474.2	191.8	35.7	3.8
55	0.2	1.0	13.4	69.0	251.1	467.3	568.8	513.0	332.1	104.8	12.0	0.9
60	0.0	0.2	4.6	28.7	145.3	322.0	413.8	358.9	205.5	46.5	2.6	0.2
Growing Degree Units for Corn (Monthly)												
50/86	7.0	15.5	74.2	215.4	422.1	608.0	704.3	659.6	492.9	255.5	74.1	12.4
Growing Degree Units (Accumulated Monthly)												
40	17	46	172	527	1212	2129	3162	4140	4913	5358	5505	5537
45	6	17	87	321	852	1618	2497	3320	3943	4250	4329	4341
50	2	5	39	176	559	1175	1899	2567	3041	3233	3269	3272
55	0	1	15	84	335	802	1371	1884	2216	2321	2333	2334
60	0	0	5	34	179	501	915	1274	1479	1526	1528	1528
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	22	97	312	734	1342	2046	2706	3199	3454	3529	3541

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