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

Summary of Monthly Normals
1991-2020

Generated on 10/09/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 1000 ft. Lat: 39.9061° N Lon: 84.2186° W

Station: **DAYTON INTL AP, OH US USW00093815**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	37.1	21.8	29.4	4.6	5.2	4.9	1.3	0.5	0.1	0.0	0.0	0.0	793.1	854.3	946.9	1101.8	0.0	0.0	4.6	12.8	25.9	2.4
02	41.2	24.5	32.8	5.6	5.4	5.5	3.1	1.8	0.8	0.1	0.0	0.0	623.3	678.0	760.9	900.2	0.0	0.0	6.4	8.3	22.5	1.0
03	51.5	32.7	42.1	4.9	4.1	4.4	25.2	17.4	9.1	2.4	0.4	0.1	425.1	479.3	563.9	712.3	0.0	0.0	15.3	2.3	17.3	0.0
04	64.5	42.9	53.7	3.0	2.6	2.7	99.4	73.9	44.5	15.2	3.4	1.5	138.5	172.9	233.5	354.2	0.0	0.0	26.5	0.0	5.0	0.0
05	74.2	53.8	64.0	3.7	3.6	3.6	297.2	246.7	180.3	94.3	37.4	22.2	18.2	29.7	56.4	125.4	0.0	0.2	30.9	0.0	0.1	0.0
06	82.6	62.7	72.7	2.3	1.7	1.8	529.6	470.0	381.9	242.4	123.8	86.0	0.2	0.6	2.5	13.1	0.0	3.0	30.0	0.0	0.0	0.0
07	85.9	66.1	76.0	3.0	2.3	2.6	650.9	588.9	495.9	341.4	195.2	144.0	0.0	0.0	0.0	0.5	0.1	6.1	31.0	0.0	0.0	0.0
08	84.6	64.3	74.5	2.4	2.5	2.3	602.9	540.9	448.1	295.5	156.5	111.3	0.0	0.0	0.2	2.7	0.0	4.2	31.0	0.0	0.0	0.0
09	78.6	56.8	67.7	3.5	2.5	2.7	386.0	329.6	250.3	138.6	60.3	39.5	5.0	8.7	19.4	57.7	0.0	2.0	30.0	0.0	0.0	0.0
10	66.2	45.9	56.0	2.6	2.3	2.3	129.5	99.1	62.9	22.7	6.1	3.4	97.0	128.5	185.4	300.1	0.0	0.1	28.8	0.0	1.9	0.0
11	52.7	35.4	44.1	4.9	3.4	4.0	21.6	13.6	5.8	1.0	0.0	0.0	350.1	402.0	484.3	629.4	0.0	0.0	16.8	1.1	13.8	0.0
12	41.5	27.1	34.3	4.7	4.6	4.5	3.2	1.8	0.8	0.2	0.0	0.0	644.8	705.4	797.4	951.8	0.0	0.0	6.9	8.2	23.3	0.4
Summary	63.4	44.5	53.9	3.8	3.4	3.4	2750	2384	1880	1154	583	408	3095	3459	4051	5149	0.1	15.6	258.2	32.7	109.8	3.8

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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	3.08	13.4	6.1	1.8	0.4	2.14	3.02	3.82
02	2.35	11.3	5.5	1.4	0.4	1.48	1.79	2.67
03	3.50	12.1	7.1	2.4	0.7	2.63	3.58	4.08
04	4.46	13.0	8.5	3.0	1.1	3.42	4.20	5.46
05	4.51	14.1	9.1	2.9	0.9	2.98	4.17	5.99
06	4.14	11.9	7.2	2.8	1.0	3.00	3.63	5.47
07	3.95	10.6	7.2	2.8	1.2	2.89	3.38	5.19
08	2.96	8.1	5.1	2.0	0.8	1.84	2.82	3.70
09	3.31	8.6	5.1	2.0	0.8	1.03	2.69	5.02
10	2.95	9.5	5.7	1.8	0.7	1.53	3.04	3.78
11	3.07	9.9	5.8	1.9	0.8	2.06	2.93	3.62
12	3.05	11.8	6.2	2.1	0.6	2.22	2.87	3.75
Summary	41.33	134.3	78.6	26.9	9.4	27.22	38.12	52.55

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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	8.30	7.6	2.6	0.7	0.3	0.0	10.7	5.2	1.9	0.3	3.60	6.20	10.20
02	6.60	6.4	2.0	0.5	0.2	0.0	8.0	3.3	1.9	0.3	2.50	5.00	9.60
03	3.90	3.2	1.1	0.3	0.2	0.0	2.3	0.9	0.5	0.0	1.20	2.30	5.80
04	0.40	1.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.40
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	0.20	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.80	1.2	0.3	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.40	1.10
12	4.80	4.9	1.6	0.3	0.2	0.0	5.6	2.4	0.9	0.2	1.30	3.50	7.70
Summary	25.0	24.5	7.8	1.8	0.9	0.0	27.3	11.9	5.2	0.8	8.6	17.4	34.8

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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	35.5	49.9	171.6	421.7	744.0	979.4	1115.9	1067.8	830.9	500.0	192.0	58.7
45	15.4	23.0	100.3	292.3	589.4	829.4	960.9	912.8	681.0	355.0	108.9	26.3
50	5.7	9.2	53.8	182.4	437.8	679.4	805.9	757.9	531.8	227.9	54.2	10.5
55	1.3	3.1	25.2	99.4	297.2	529.6	650.9	602.9	386.0	129.5	21.6	3.2
60	0.1	0.8	9.1	44.5	180.3	381.9	495.9	448.1	250.3	62.9	5.8	0.8
Growing Degree Units for Corn (Monthly)												
50/86	15.8	27.3	98.4	246.9	460.6	661.5	772.5	733.4	533.2	284.8	98.0	26.3

Growing Degree Units (Accumulated Monthly)

40	36	85	257	679	1423	2402	3518	4586	5417	5917	6109	6167
45	15	38	139	431	1020	1850	2811	3724	4404	4760	4868	4895
50	6	15	69	251	689	1368	2174	2932	3464	3692	3746	3756
55	1	4	30	129	426	956	1607	2210	2596	2725	2747	2750
60	0	1	10	54	235	617	1113	1561	1811	1874	1880	1880
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	16	43	142	388	849	1510	2283	3016	3550	3834	3932	3959

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

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