

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 700 ft. Lat: 41.2783° N Lon: 84.3847° W

Station: **DEFIANCE, OH US USC00332098**

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	32.3	17.8	25.1	4.8	6.1	5.4	0.2	0.1	0.0	0.0	0.0	0.0	928.5	990.2	1083.1	1238.2	0.0	0.0	2.5	15.9	27.7	3.5
02	35.5	19.7	27.6	5.5	5.9	5.6	0.3	0.2	0.1	0.0	0.0	0.0	767.4	823.2	907.0	1047.1	0.0	0.0	3.3	11.1	25.0	1.9
03	46.4	27.8	37.1	5.2	4.3	4.6	9.6	6.9	4.1	1.0	0.1	0.0	564.5	623.8	713.9	865.9	0.0	0.0	11.5	3.7	21.8	0.2
04	59.9	38.3	49.1	3.4	2.7	2.9	50.0	35.5	20.3	6.4	1.4	0.6	227.0	272.6	347.4	483.4	0.0	0.0	24.2	0.2	7.2	0.0
05	71.3	49.7	60.5	3.9	3.4	3.5	213.0	171.8	119.4	56.9	21.1	12.4	42.5	63.3	104.0	196.4	0.0	0.7	30.6	0.0	0.3	0.0
06	80.7	59.8	70.3	2.6	2.0	2.1	459.1	401.0	316.5	187.6	88.5	59.8	1.7	3.7	9.3	30.3	0.0	3.9	30.0	0.0	0.0	0.0
07	84.6	63.2	73.9	3.2	2.5	2.8	585.8	523.8	430.8	278.2	144.6	102.8	0.0	0.0	0.1	2.4	0.3	7.2	31.0	0.0	0.0	0.0
08	82.3	61.5	71.9	2.3	2.6	2.3	523.8	461.9	369.5	221.4	101.1	67.0	0.0	0.1	0.7	7.6	0.0	3.3	31.0	0.0	0.0	0.0
09	76.5	53.9	65.2	2.9	2.3	2.5	316.9	264.3	192.4	95.7	36.2	22.3	11.0	18.5	36.7	89.8	0.0	1.8	30.0	0.0	0.1	0.0
10	63.3	42.7	53.0	2.8	2.5	2.5	87.6	64.9	39.2	13.1	3.2	1.5	149.6	188.9	256.2	385.1	0.0	0.1	27.7	0.0	3.3	0.0
11	49.0	32.4	40.7	4.8	3.3	3.8	8.8	5.0	2.0	0.2	0.0	0.0	437.8	494.0	580.9	729.2	0.0	0.0	14.0	1.6	15.8	0.0
12	37.2	23.7	30.5	4.7	4.8	4.7	1.0	0.5	0.1	0.0	0.0	0.0	762.0	823.4	916.0	1070.9	0.0	0.0	3.9	10.5	25.8	0.8
Summary	59.9	40.9	50.4	3.8	3.5	3.6	2256	1936	1494	860	396	266	3892	4302	4955	6146	0.3	17.0	239.7	43.0	127.0	6.4

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	2.59	12.3	6.0	1.5	0.4	1.70	2.26	3.15
02	2.17	9.9	5.4	1.2	0.4	1.22	2.00	3.00
03	2.55	10.7	6.5	1.7	0.3	1.58	2.38	3.39
04	3.67	13.4	7.9	2.2	0.8	2.63	3.78	4.43
05	4.26	13.1	9.0	2.9	0.9	2.42	3.89	5.92
06	3.63	10.8	7.4	2.4	1.0	2.30	3.72	4.67
07	3.66	9.5	6.6	2.6	1.1	1.97	3.25	5.31
08	3.50	9.4	6.2	2.2	0.8	2.18	3.04	3.93
09	3.25	9.1	5.5	2.1	0.6	1.51	2.83	4.60
10	2.87	10.8	6.6	1.6	0.7	1.88	2.41	3.57
11	3.00	11.1	6.5	1.9	0.6	1.96	2.73	3.71
12	2.55	11.6	5.9	1.9	0.4	1.65	2.31	3.09
Summary	37.70	131.7	79.5	24.2	8.0	23.00	34.60	48.77

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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	8.70	5.7	3.1	0.7	0.1	0.0	14.2	8.8	4.8	0.5	3.60	6.40	11.90
02	8.00	4.4	2.5	0.6	0.3	0.1	11.0	6.1	3.2	1.1	2.20	5.80	11.40
03	2.60	1.9	1.0	0.3	0.1	0.0	3.5	1.4	0.4	0.0	0.10	1.50	3.00
04	0.20	0.4	0.1	0.0	0.0	0.0	0.1	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	0.90	1.0	0.4	0.0	0.0	0.0	1.5	0.1	0.0	0.0	0.00	0.00	1.60
12	3.80	3.2	1.7	0.3	0.1	0.0	7.6	3.7	2.0	0.1	0.20	3.00	6.10
Summary	24.2	16.6	8.8	1.9	0.6	0.1	37.9	20.1	10.4	1.7	6.1	16.7	34.0

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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	13.1	16.5	93.1	300.1	635.7	907.3	1050.8	988.8	755.9	407.9	125.5	24.9
45	4.6	5.1	48.6	188.9	482.7	757.3	895.8	833.8	606.0	272.7	62.8	9.2
50	1.1	1.4	22.5	104.1	338.1	607.5	740.8	678.8	458.4	165.0	26.8	3.3
55	0.2	0.3	9.6	50.0	213.0	459.1	585.8	523.8	316.9	87.6	8.8	1.0
60	0.0	0.1	4.1	20.3	119.4	316.5	430.8	369.5	192.4	39.2	2.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	5.5	9.8	58.3	178.7	378.4	595.9	713.9	665.5	473.2	229.8	63.6	10.4

Growing Degree Units (Accumulated Monthly)												
40	13	30	123	423	1058	1966	3017	4005	4761	5169	5295	5320
45	5	10	58	247	730	1487	2383	3217	3823	4096	4158	4168
50	1	2	25	129	467	1075	1816	2494	2953	3118	3145	3148
55	0	0	10	60	273	732	1318	1842	2159	2246	2255	2256
60	0	0	4	24	144	460	891	1261	1453	1492	1494	1494
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	15	74	252	631	1227	1940	2606	3079	3309	3373	3383

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

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