

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1020 ft. Lat: 40.7833° N Lon: 81.9167° W
Station: **WOOSTER EXP STATION, OH US USC00339312**

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	35.1	18.2	26.7	4.8	5.4	5.0	0.5	0.2	0.1	0.0	0.0	0.0	879.1	940.7	1033.5	1188.6	0.0	0.0	3.7	14.4	27.1	3.1
02	38.4	19.8	29.1	5.3	5.8	5.4	0.9	0.6	0.2	0.0	0.0	0.0	726.0	781.5	865.2	1005.1	0.0	0.0	4.5	10.0	24.3	1.9
03	48.1	27.4	37.8	5.1	4.0	4.4	10.8	7.0	3.2	0.5	0.0	0.0	545.5	603.6	692.8	845.2	0.0	0.0	12.1	3.7	21.5	0.1
04	61.3	37.7	49.5	3.1	2.6	2.7	54.5	38.6	21.5	6.1	1.1	0.4	219.5	263.7	336.6	471.1	0.0	0.0	24.7	0.2	9.2	0.0
05	71.8	48.0	59.9	4.0	3.6	3.6	199.0	159.1	108.6	48.1	13.8	6.7	47.2	69.2	111.7	206.3	0.0	0.2	30.6	0.0	1.1	0.0
06	80.1	57.0	68.6	2.1	1.9	1.8	408.7	351.3	269.1	149.0	60.5	36.4	2.4	5.0	12.8	42.6	0.0	1.8	30.0	0.0	0.0	0.0
07	83.6	60.5	72.1	2.9	2.3	2.5	528.4	466.4	373.5	224.9	103.6	67.5	0.0	0.0	0.1	6.4	0.0	3.7	31.0	0.0	0.0	0.0
08	82.3	58.8	70.5	2.5	2.5	2.3	481.9	420.1	328.2	185.0	76.4	46.8	0.0	0.2	1.3	13.1	0.0	2.5	31.0	0.0	0.0	0.0
09	75.8	51.5	63.6	3.0	2.4	2.4	274.3	223.3	155.6	69.9	23.1	12.7	15.0	24.0	46.3	110.5	0.0	1.1	30.0	0.0	0.1	0.0
10	63.6	40.5	52.1	2.6	2.5	2.4	71.7	52.0	29.7	9.5	2.3	0.9	163.1	205.4	276.2	411.0	0.0	0.0	27.8	0.0	5.7	0.0
11	50.6	31.5	41.1	5.0	3.1	3.9	8.6	4.9	1.9	0.2	0.0	0.0	427.1	483.4	570.3	718.7	0.0	0.0	15.4	1.6	16.2	0.0
12	39.8	24.0	31.9	4.8	4.4	4.5	1.4	0.7	0.4	0.0	0.0	0.0	717.3	778.7	871.3	1026.0	0.0	0.0	5.6	9.1	25.0	0.4
Summary	60.9	39.6	50.2	3.8	3.4	3.4	2041	1724	1292	693	281	171	3742	4155	4818	6045	0.0	9.3	246.4	39.0	130.2	5.5

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	13.7	5.9	1.3	0.3	1.68	2.43	3.21
02	2.04	11.5	5.4	1.2	0.1	1.38	1.68	2.03
03	2.98	12.4	7.0	2.1	0.3	2.34	2.79	3.69
04	4.04	13.4	8.5	2.8	0.7	2.89	4.25	5.13
05	4.53	14.0	9.5	3.4	0.7	3.06	4.13	5.71
06	4.77	12.4	8.5	3.6	1.3	3.11	4.56	6.58
07	4.41	11.2	7.7	3.0	1.1	2.69	4.02	5.70
08	3.87	9.2	6.4	2.5	0.9	2.57	4.04	5.39
09	3.58	9.4	6.0	2.3	0.9	2.45	3.38	4.27
10	3.49	10.8	7.3	2.2	0.7	2.45	3.32	4.57
11	2.96	11.1	6.6	2.0	0.3	2.02	2.91	3.46
12	2.72	12.7	6.0	1.6	0.4	1.97	2.72	3.56
Summary	41.98	141.8	84.8	28.0	7.7	28.61	40.23	53.30

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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	9.40	7.6	3.8	0.9	0.2	0.0	16.4	8.5	4.6	0.7	4.70	8.70	15.00
02	7.00	5.8	3.0	0.6	0.1	0.0	13.5	7.0	3.7	0.9	2.60	4.50	8.20
03	4.90	3.8	2.0	0.4	0.1	0.0	5.6	1.9	0.7	0.0	2.10	3.30	6.80
04	0.70	0.8	0.4	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.00	0.00	1.10
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	1.20	1.1	0.6	0.1	0.0	0.0	1.1	0.2	0.0	0.0	0.00	0.50	2.50
12	5.40	5.2	2.6	0.4	0.1	0.0	9.3	3.2	1.2	0.0	2.00	4.20	9.10
Summary	28.6	24.3	12.4	2.4	0.5	0.0	46.5	20.8	10.2	1.6	11.4	21.2	42.7

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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	23.0	25.8	104.9	310.3	617.3	856.4	993.4	946.9	709.4	379.8	131.2	38.0
45	9.1	10.3	57.7	197.8	464.8	706.4	838.4	791.9	559.7	246.4	66.9	15.4
50	2.8	3.6	27.8	111.9	321.1	556.6	683.5	637.0	412.6	142.5	28.0	5.2
55	0.5	0.9	10.8	54.5	199.0	408.7	528.4	481.9	274.3	71.7	8.6	1.4
60	0.1	0.2	3.2	21.5	108.6	269.1	373.5	328.2	155.6	29.7	1.9	0.4
Growing Degree Units for Corn (Monthly)												
50/86	11.8	17.3	70.1	194.5	378.5	558.4	665.8	626.9	443.4	230.6	76.9	18.9

Growing Degree Units (Accumulated Monthly)												
40	23	49	154	464	1081	1938	2931	3878	4587	4967	5098	5136
45	9	19	77	275	740	1446	2284	3076	3636	3883	3949	3965
50	3	6	34	146	467	1024	1707	2344	2757	2899	2927	2933
55	0	1	12	67	266	674	1203	1685	1959	2031	2039	2041
60	0	0	4	25	134	403	776	1104	1260	1290	1292	1292
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	12	29	99	294	672	1231	1896	2523	2967	3197	3274	3293

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