

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 1230 ft. Lat: 41.3072° N Lon: 81.0133° W

Station: **HIRAM, OH US USC00333780**

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	32.5	15.9	24.2	4.5	5.6	5.0	0.3	0.1	0.0	0.0	0.0	0.0	954.8	1016.7	1109.6	1264.6	0.0	0.0	3.2	16.6	28.2	3.4
02	35.2	16.7	26.0	5.2	6.0	5.5	0.3	0.2	0.1	0.0	0.0	0.0	813.6	869.5	953.4	1093.3	0.0	0.0	3.8	12.5	25.7	2.8
03	44.4	24.5	34.4	5.2	4.5	4.6	6.8	4.1	2.0	0.2	0.0	0.0	643.8	703.1	793.9	947.2	0.0	0.0	9.8	5.5	23.9	0.3
04	58.0	35.7	46.8	3.2	2.6	2.7	36.0	24.1	12.4	3.1	0.4	0.1	280.5	328.7	407.0	547.6	0.0	0.0	22.5	0.4	10.3	0.0
05	68.9	46.8	57.8	3.9	3.3	3.5	160.6	124.9	80.5	31.5	7.5	3.1	72.3	98.6	147.3	253.2	0.0	0.1	29.9	0.0	1.2	0.0
06	77.0	55.8	66.4	2.3	1.7	1.8	347.2	291.4	213.4	105.9	36.7	20.2	5.3	9.5	21.5	64.0	0.0	0.7	30.0	0.0	0.0	0.0
07	80.9	59.9	70.4	2.6	2.4	2.3	477.3	415.3	323.5	181.4	73.8	44.1	0.0	0.0	1.1	14.0	0.0	1.7	31.0	0.0	0.0	0.0
08	79.5	58.3	68.9	2.6	2.2	2.3	430.9	369.2	278.8	143.4	51.6	29.4	0.1	0.4	3.0	22.6	0.0	1.3	31.0	0.0	0.0	0.0
09	73.2	51.6	62.4	2.6	2.3	2.2	240.4	191.7	128.2	53.1	15.3	7.9	18.5	29.9	56.4	131.2	0.0	0.4	29.9	0.0	0.0	0.0
10	60.9	40.6	50.7	2.5	2.5	2.3	57.5	40.0	20.7	5.6	0.9	0.3	189.2	233.7	307.4	447.3	0.0	0.0	26.4	0.0	4.1	0.0
11	48.3	30.9	39.6	5.0	2.9	3.9	6.0	3.2	1.0	0.0	0.0	0.0	468.0	525.2	613.0	762.0	0.0	0.0	13.4	2.2	18.2	0.0
12	37.2	22.6	29.9	4.8	4.6	4.6	0.6	0.3	0.1	0.0	0.0	0.0	778.6	840.3	933.1	1088.0	0.0	0.0	4.6	11.1	26.4	0.3
Summary	58.0	38.3	48.1	3.7	3.4	3.4	1764	1464	1061	524	186	105	4225	4656	5347	6635	0.0	4.2	235.5	48.3	138.0	6.8

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	3.34	16.5	8.9	2.1	0.5	2.41	3.09	4.15	
02	2.70	12.6	7.3	1.4	0.3	2.08	2.49	2.91	
03	3.42	12.4	8.0	2.2	0.5	2.34	3.33	4.03	
04	4.01	13.0	8.7	3.0	0.6	3.24	3.94	4.61	
05	4.06	12.9	8.4	3.0	0.8	2.68	3.79	5.06	
06	4.19	12.5	8.6	2.8	1.1	2.90	4.12	5.37	
07	4.31	10.5	7.3	3.0	1.1	2.88	4.07	4.84	
08	3.70	9.5	6.2	2.5	1.0	2.46	3.64	4.48	
09	4.04	9.6	6.8	2.7	1.2	2.79	4.02	4.63	
10	3.77	11.6	8.2	2.6	0.6	2.91	3.30	4.54	
11	3.17	12.3	7.6	2.0	0.3	2.55	3.00	4.12	
12	3.39	14.1	8.4	2.1	0.6	2.58	3.25	4.05	
Summary	44.10	147.5	94.4	29.4	8.6	31.82	42.04	52.79	

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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	20.40	10.5	7.7	2.2	0.7	0.1	21.3	15.1	10.8	3.8	12.50	20.00	25.90
02	12.50	7.5	5.3	1.7	0.4	0.0	18.2	13.1	9.9	3.5	6.50	11.50	16.20
03	9.90	4.6	3.4	1.1	0.5	0.0	9.4	5.6	3.2	0.5	2.20	8.30	15.80
04	0.70	0.8	0.6	0.2	0.1	0.0	0.9	0.3	0.2	0.0	0.00	0.00	1.00
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	0.30	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	5.30	2.0	1.6	0.7	0.3	0.0	3.4	1.9	0.9	0.1	0.10	3.50	6.30
12	13.80	6.5	4.9	1.5	0.7	0.0	13.6	8.4	4.8	1.0	7.10	14.60	17.30
Summary	62.9	32.1	23.7	7.4	2.7	0.1	67.0	44.4	29.8	8.9	28.4	57.9	82.5

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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	13.2	14.8	74.0	249.6	554.7	791.9	942.3	895.8	672.0	343.5	108.2	24.8
45	4.7	4.8	39.3	150.6	406.4	642.0	787.3	740.8	522.4	216.4	52.7	9.1
50	1.2	1.1	17.9	81.0	271.2	492.9	632.3	585.8	376.1	120.9	20.2	2.5
55	0.3	0.3	6.8	36.0	160.6	347.2	477.3	430.9	240.4	57.5	6.0	0.6
60	0.0	0.1	2.0	12.4	80.5	213.4	323.5	278.8	128.2	20.7	1.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	7.4	10.3	49.5	154.1	326.1	501.2	625.7	583.1	404.4	190.5	60.3	11.9

Growing Degree Units (Accumulated Monthly)												
40	13	28	102	352	906	1698	2640	3536	4208	4552	4660	4685
45	5	10	49	199	606	1248	2035	2776	3298	3515	3567	3576
50	1	2	20	101	372	865	1498	2083	2459	2580	2601	2603
55	0	1	7	43	204	551	1028	1459	1700	1757	1763	1764
60	0	0	2	14	95	308	632	911	1039	1060	1061	1061
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	18	67	221	547	1049	1674	2257	2662	2852	2913	2925

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

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