

Summary of Monthly Normals
1991-2020

Generated on 05/16/2024

Current Location: Elev: 953 ft. Lat: 39.2333° N Lon: 83.6092° W
Station: **HILLSBORO, OH US USC00333758**

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	38.8	19.4	29.1	4.6	5.1	4.8	0.8	0.4	0.1	0.0	0.0	0.0	803.6	865.0	957.8	1112.7	0.0	0.0	6.1	11.8	25.9	2.1
02	42.5	21.5	32.0	5.4	5.3	5.3	2.4	1.5	0.6	0.0	0.0	0.0	646.3	701.4	784.5	924.0	0.0	0.0	7.6	7.3	23.0	1.0
03	52.5	29.4	40.9	4.9	3.9	4.3	19.3	12.7	6.2	1.0	0.0	0.0	454.8	510.3	596.7	746.6	0.0	0.0	16.6	2.1	18.2	0.1
04	64.7	39.2	52.0	3.0	2.5	2.6	76.1	54.9	31.2	8.6	1.1	0.2	167.6	206.4	272.7	400.1	0.0	0.0	26.1	0.0	5.7	0.0
05	73.6	49.9	61.8	3.6	3.5	3.4	239.3	193.7	134.8	62.7	19.0	9.3	30.1	46.5	80.6	163.5	0.0	0.1	30.8	0.0	0.3	0.0
06	81.5	58.5	70.0	2.2	2.1	2.0	450.7	392.1	306.1	173.7	72.6	43.7	0.8	2.2	6.3	23.8	0.0	1.5	30.0	0.0	0.0	0.0
07	84.6	61.8	73.2	2.7	2.4	2.5	564.1	502.1	409.1	256.4	121.9	80.1	0.0	0.0	0.0	2.3	0.1	4.1	31.0	0.0	0.0	0.0
08	83.4	60.2	71.8	2.4	2.5	2.3	520.8	458.8	366.6	217.3	94.2	58.9	0.0	0.2	0.9	6.5	0.0	2.2	31.0	0.0	0.0	0.0
09	78.0	53.0	65.5	3.2	2.5	2.6	323.2	269.3	194.5	94.4	32.3	18.0	8.3	14.4	29.6	79.5	0.0	1.3	30.0	0.0	0.0	0.0
10	66.7	41.8	54.3	2.7	2.1	2.2	102.2	75.9	45.0	14.2	3.4	1.7	125.4	161.2	223.2	347.5	0.0	0.2	28.9	0.0	3.2	0.0
11	53.8	31.6	42.7	4.9	3.5	4.0	15.7	9.6	3.9	0.3	0.0	0.0	384.7	438.5	522.8	669.2	0.0	0.0	18.0	1.4	15.6	0.0
12	43.1	24.6	33.8	4.9	4.7	4.6	2.6	1.5	0.5	0.0	0.0	0.0	658.2	719.0	811.0	965.6	0.0	0.0	8.9	6.1	23.3	0.1
Summary	63.6	40.9	52.3	3.7	3.3	3.4	2317	1972	1499	829	344	212	3280	3665	4286	5441	0.1	9.4	265.0	28.7	115.2	3.3

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	3.44	12.7	7.5	2.1	0.7	2.59	3.24	4.21	
02	3.26	11.7	6.9	2.0	0.7	1.70	2.60	4.27	
03	4.20	13.1	8.2	2.7	0.8	2.87	3.93	4.63	
04	4.85	13.3	9.0	3.7	1.3	3.56	4.65	5.64	
05	5.06	13.9	9.3	3.7	1.1	3.32	4.72	6.85	
06	4.82	12.3	8.5	3.2	1.4	3.44	4.35	6.63	
07	4.25	11.4	7.7	2.7	1.1	3.30	4.13	4.87	
08	3.72	9.8	6.0	2.4	1.0	2.39	3.31	5.11	
09	3.17	9.4	5.5	2.1	0.7	1.87	3.01	4.15	
10	3.19	9.8	5.9	2.1	0.7	1.90	3.29	4.11	
11	3.10	10.5	6.4	2.2	0.6	1.60	2.90	4.06	
12	3.62	12.6	7.3	2.4	0.8	2.74	3.11	4.41	
Summary	46.68	140.5	88.2	31.3	10.9	31.28	43.24	58.94	

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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	6.90	3.6	2.4	0.7	0.3	0.0	8.8	4.4	1.3	0.1	1.80	5.10	7.50
02	5.00	3.2	1.9	0.4	0.1	0.0	5.8	3.1	1.6	0.1	0.70	2.00	9.10
03	3.40	1.6	1.3	0.4	0.2	0.0	2.6	1.1	0.3	0.0	0.00	2.20	6.00
04	0.20	0.3	0.2	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	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.20	0.4	0.3	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.00	0.00	0.00
12	2.20	1.5	0.8	0.2	0.1	0.0	3.0	1.0	0.1	0.0	0.00	1.50	3.50
Summary	18.1	10.7	7.0	1.7	0.7	0.0	21.0	9.8	3.3	0.2	2.5	10.8	26.1

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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	34.8	45.9	154.8	374.9	674.4	899.8	1029.1	985.6	764.8	446.5	167.0	53.0
45	14.7	19.9	88.6	252.1	520.8	749.9	874.1	830.7	615.0	306.1	90.8	23.2
50	5.1	7.5	45.5	150.2	372.9	599.9	719.1	675.7	466.4	189.1	42.5	8.7
55	0.8	2.4	19.3	76.1	239.3	450.7	564.1	520.8	323.2	102.2	15.7	2.6
60	0.1	0.6	6.2	31.2	134.8	306.1	409.1	366.6	194.5	45.0	3.9	0.5
Growing Degree Units for Corn (Monthly)												
50/86	22.7	33.9	106.0	241.5	417.4	592.9	696.2	662.1	485.9	278.1	106.5	33.0

Growing Degree Units (Accumulated Monthly)												
40	35	81	236	610	1285	2185	3214	4199	4964	5411	5578	5631
45	15	35	123	375	896	1646	2520	3351	3966	4272	4363	4386
50	5	13	58	208	581	1181	1900	2576	3042	3231	3274	3283
55	1	3	22	99	338	789	1353	1873	2197	2299	2315	2317
60	0	1	7	38	173	479	888	1255	1449	1494	1498	1499
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	23	57	163	404	822	1414	2111	2773	3259	3537	3643	3676

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