

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1613 ft. Lat: 40.9153° N Lon: 97.5997° W

Station: YORK 3N, NE US USC00259513

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	34.9	12.6	23.7	5.3	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	968.3	1030.3	1123.3	1278.5	0.0	0.0	4.2	13.0	30.5	5.3
02	39.7	16.3	28.0	7.4	5.8	6.4	0.9	0.4	0.1	0.0	0.0	0.0	756.5	812.0	895.7	1035.7	0.0	0.0	7.1	10.8	27.1	4.7
03	51.8	26.3	39.1	6.0	4.7	4.9	12.2	8.0	4.4	1.1	0.1	0.0	506.9	564.6	654.0	805.7	0.0	0.0	17.2	2.2	23.0	0.8
04	63.5	36.4	49.9	3.9	3.1	3.3	54.4	38.3	21.5	6.5	0.9	0.3	206.0	249.9	323.0	458.0	0.0	0.2	25.4	0.3	11.2	0.0
05	73.3	48.5	60.9	3.8	2.4	2.8	229.9	188.0	133.0	62.6	22.4	13.3	47.0	67.1	105.1	189.7	0.2	1.9	30.2	0.0	1.0	0.0
06	83.7	59.7	71.7	3.1	2.8	2.8	501.1	441.6	353.8	217.4	107.2	74.3	0.5	1.0	3.2	16.7	0.5	8.8	30.0	0.0	0.0	0.0
07	87.1	63.8	75.5	2.7	2.5	2.4	633.7	571.7	478.7	326.1	183.4	133.6	0.0	0.0	0.0	2.3	0.1	10.8	31.0	0.0	0.0	0.0
08	85.0	61.9	73.4	2.4	2.9	2.4	571.8	509.8	417.6	267.6	137.0	94.3	0.0	0.1	0.9	5.8	0.0	6.2	31.0	0.0	0.0	0.0
09	79.2	53.1	66.1	3.4	3.3	2.8	346.1	293.6	222.2	120.2	51.9	34.4	12.0	19.6	38.1	86.1	0.1	4.2	29.8	0.0	0.3	0.0
10	66.5	38.6	52.6	4.4	2.3	3.0	89.2	65.6	38.2	12.4	2.5	1.1	165.1	203.5	269.1	398.2	0.0	0.4	27.9	0.3	9.8	0.0
11	51.6	26.0	38.8	5.7	4.2	4.7	6.7	3.6	1.2	0.0	0.0	0.0	492.7	549.6	637.2	786.0	0.0	0.0	19.0	2.2	22.5	0.3
12	38.7	16.3	27.5	4.5	4.5	4.2	0.3	0.1	0.0	0.0	0.0	0.0	852.3	914.1	1007.0	1162.1	0.0	0.0	6.8	11.0	30.3	4.0
Summary	62.9	38.3	50.6	4.4	3.6	3.7	2446	2121	1671	1014	505	351	4007	4412	5057	6225	0.9	32.5	259.6	39.8	155.7	15.1

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	0.71	6.1	1.9	0.3	0.0	0.37	0.59	0.97	
02	0.91	6.5	2.8	0.4	0.0	0.60	0.82	1.26	
03	1.63	8.4	4.4	0.8	0.1	1.00	1.30	2.28	
04	2.97	10.7	5.7	1.9	0.6	2.04	3.00	3.83	
05	4.92	13.5	7.8	3.3	1.4	3.43	5.20	6.45	
06	4.23	11.4	6.4	2.6	1.4	2.69	4.21	5.74	
07	3.84	10.1	5.4	2.2	1.1	1.81	3.37	5.26	
08	3.70	10.9	6.3	2.5	0.9	1.62	3.28	5.03	
09	2.28	8.4	4.3	1.5	0.5	1.47	2.26	2.90	
10	2.45	8.4	4.5	1.9	0.9	1.46	2.14	3.26	
11	1.40	4.5	2.9	0.7	0.2	0.62	1.24	2.14	
12	1.15	6.6	3.2	1.0	0.4	0.25	0.92	1.65	
Summary	30.19	105.5	55.6	19.1	7.5	17.36	28.33	40.77	

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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	4.90	4.0	1.7	0.6	0.3	0.1	12.9	6.9	5.0	1.5	2.00	3.80	5.90
02	9.10	5.2	2.7	1.1	0.5	0.0	11.1	7.5	5.0	0.4	6.30	7.80	13.40
03	3.90	2.2	1.1	0.5	0.1	0.0	3.2	1.8	1.3	0.2	0.80	2.50	5.50
04	1.10	0.7	0.4	0.1	0.1	0.0	0.3	0.1	0.1	0.0	0.00	0.00	1.80
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	0.50	0.2	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	1.60	1.1	0.6	0.2	0.0	0.0	1.6	0.1	0.0	0.0	0.00	0.70	3.40
12	6.70	3.8	2.1	0.8	0.4	0.1	7.8	4.9	3.1	0.6	1.80	6.00	9.00
Summary	27.8	17.2	8.8	3.4	1.4	0.2	37.1	21.3	14.5	2.7	10.9	20.8	39.0

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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	5.8	29.3	130.6	328.0	648.2	950.7	1098.7	1036.8	784.2	405.7	105.3	17.1
45	0.8	11.0	70.3	210.0	496.6	800.7	943.8	881.8	634.4	275.1	49.9	5.7
50	0.0	3.6	32.0	117.6	354.3	650.7	788.7	726.8	486.5	168.8	20.3	1.3
55	0.0	0.9	12.2	54.4	229.9	501.1	633.7	571.8	346.1	89.2	6.7	0.3
60	0.0	0.1	4.4	21.5	133.0	353.8	478.7	417.6	222.2	38.2	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	10.4	32.0	112.5	223.8	398.7	624.3	744.2	699.0	503.7	274.0	90.7	21.4

Growing Degree Units (Accumulated Monthly)												
40	6	35	166	494	1142	2093	3191	4228	5012	5418	5523	5540
45	1	12	82	292	789	1589	2533	3415	4049	4324	4374	4380
50	0	4	36	153	508	1158	1947	2674	3160	3329	3349	3351
55	0	1	13	68	297	798	1432	2004	2350	2439	2446	2446
60	0	0	4	26	159	513	992	1409	1631	1670	1671	1671
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	42	155	379	777	1402	2146	2845	3349	3623	3713	3735

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