

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 842 ft. Lat: 41.1078° N Lon: 92.4467° W
Station: OTTUMWA INDUSTRIAL AP, IA US USW00014950

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	32.0	13.8	22.9	5.1	5.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	994.8	1056.7	1149.7	1304.7	0.0	0.0	2.8	16.3	29.0	5.6
02	36.8	18.0	27.4	6.4	6.1	6.1	0.7	0.4	0.1	0.0	0.0	0.0	773.4	828.9	912.7	1052.6	0.0	0.0	4.3	11.4	24.8	2.9
03	50.2	28.9	39.6	5.2	4.5	4.7	17.5	12.0	6.4	1.7	0.1	0.0	496.6	553.1	640.5	790.7	0.0	0.0	15.1	2.9	19.6	0.4
04	62.8	39.4	51.1	3.5	3.1	3.2	67.3	48.8	28.3	8.6	1.4	0.4	184.4	225.9	295.4	425.6	0.0	0.0	26.0	0.1	6.5	0.0
05	72.9	51.0	62.0	3.3	3.0	3.0	246.8	200.2	140.3	67.2	23.3	13.8	31.4	46.8	79.9	161.8	0.0	0.7	30.8	0.0	0.4	0.0
06	82.2	61.0	71.6	2.2	1.9	1.9	498.2	438.6	351.1	214.7	103.0	69.5	0.3	0.8	3.3	16.9	0.0	3.5	30.0	0.0	0.0	0.0
07	85.7	64.5	75.1	3.4	2.6	2.8	623.0	561.0	468.2	315.3	174.4	127.5	0.0	0.0	0.2	2.3	0.3	7.8	31.0	0.0	0.0	0.0
08	84.0	62.0	73.0	2.6	2.7	2.4	557.9	496.0	403.5	254.6	127.4	88.0	0.0	0.1	0.7	6.8	0.1	5.2	31.0	0.0	0.0	0.0
09	77.3	53.3	65.3	3.4	3.3	3.1	323.3	271.5	200.4	106.5	44.9	29.1	14.4	22.6	41.6	97.6	0.0	2.0	30.0	0.0	0.2	0.0
10	64.2	41.6	52.9	3.5	2.4	2.7	93.3	69.9	42.8	15.7	4.4	2.6	158.5	197.0	263.0	390.9	0.0	0.1	27.5	0.0	5.2	0.0
11	49.7	29.5	39.6	5.9	4.4	5.0	11.5	7.4	3.3	0.4	0.0	0.0	473.5	529.4	615.3	762.3	0.0	0.0	14.5	2.9	17.6	0.1
12	37.2	19.7	28.4	5.1	4.9	4.9	0.5	0.2	0.1	0.0	0.0	0.0	823.4	885.1	977.9	1132.9	0.0	0.0	4.5	11.3	27.3	1.9
Summary	61.3	40.2	50.7	4.1	3.7	3.7	2440	2106	1644	985	479	331	3951	4346	4980	6145	0.4	19.3	247.5	44.9	130.6	10.9

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

Current Location: Elev: 842 ft. Lat: 41.1078° N Lon: 92.4467° W
Station: OTTUMWA INDUSTRIAL AP, IA US USW00014950

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

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	1.01	7.1	2.9	0.5	0.0	0.43	0.93	1.50	
02	1.41	7.4	3.6	0.8	0.2	0.71	1.39	1.96	
03	2.24	9.6	4.9	1.4	0.4	1.31	2.04	3.15	
04	3.75	11.7	7.2	2.6	0.8	2.62	3.73	4.85	
05	5.03	13.1	8.8	3.3	1.3	3.12	4.76	6.59	
06	5.38	11.3	7.7	3.7	1.8	3.16	4.60	7.76	
07	3.87	9.1	6.4	2.4	1.2	2.39	3.11	4.49	
08	4.44	9.2	6.2	2.9	1.3	2.23	3.23	5.63	
09	3.50	7.9	5.5	2.6	0.9	2.38	3.60	4.32	
10	2.81	8.5	5.0	2.0	0.8	1.44	2.79	3.98	
11	2.09	7.5	4.4	1.5	0.4	1.12	1.64	2.99	
12	1.44	6.9	3.1	0.9	0.2	0.70	1.20	2.16	
Summary	36.97	109.3	65.7	24.6	9.3	21.61	33.02	49.38	

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

Current Location: Elev: 842 ft. Lat: 41.1078° N Lon: 92.4467° W
Station: OTTUMWA INDUSTRIAL AP, IA US USW00014950

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	7.10	5.7	2.9	0.8	0.2	0.0	17.5	9.3	4.4	1.3	4.00	5.30	9.30
02	5.80	3.9	1.7	0.7	0.1	0.1	8.7	4.0	2.3	0.7	2.00	5.80	7.90
03	3.00	2.1	0.9	0.3	0.2	0.0	3.7	2.0	0.9	0.1	0.00	2.00	3.30
04	1.40	0.8	0.4	0.2	0.2	0.0	0.5	0.4	0.3	0.2	0.00	0.00	0.60
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	0.4	0.3	0.1	0.1	0.0	0.2	0.2	0.1	0.0	0.00	0.00	0.10
11	1.60	1.2	0.6	0.2	0.0	0.0	2.1	0.2	0.0	0.0	0.00	0.50	2.30
12	4.20	3.0	1.3	0.2	0.2	0.0	5.4	1.2	0.8	0.0	1.30	3.10	4.60
Summary	23.6	17.1	8.1	2.5	1.0	0.1	38.1	17.3	8.8	2.3	7.3	16.7	28.1

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

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 842 ft. Lat: 41.1078° N Lon: 92.4467° W

Station: OTTUMWA INDUSTRIAL AP, IA US USW00014950

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	8.4	24.2	130.9	352.0	680.5	947.8	1088.0	1022.9	759.0	412.2	124.6	21.4
45	1.8	9.6	73.1	231.4	526.7	797.8	932.9	867.8	609.4	281.2	64.1	7.4
50	0.0	2.8	38.1	134.1	378.5	647.9	778.0	712.9	462.4	173.1	29.2	2.4
55	0.0	0.7	17.5	67.3	246.8	498.2	623.0	557.9	323.3	93.3	11.5	0.5
60	0.0	0.1	6.4	28.3	140.3	351.1	468.2	403.5	200.4	42.8	3.3	0.1
Growing Degree Units for Corn (Monthly)												
50/86	7.3	17.8	88.8	213.3	414.3	632.3	741.5	689.5	481.7	246.6	76.8	13.6

Growing Degree Units (Accumulated Monthly)												
40	8	33	164	516	1196	2144	3232	4255	5014	5426	5550	5572
45	2	11	84	316	843	1640	2573	3441	4051	4332	4396	4403
50	0	3	41	175	554	1201	1979	2692	3155	3328	3357	3359
55	0	1	18	86	332	830	1454	2011	2335	2428	2440	2440
60	0	0	6	35	175	526	994	1398	1598	1641	1644	1644
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	25	114	327	742	1374	2115	2805	3286	3533	3610	3624

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

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