

Summary of Monthly Normals 1991-2020

Generated on 09/07/2024

Current Location: Elev: 475 ft. Lat: 64.7581° N Lon: 147.3253° W
 Station: **N POLE, AK US USC00506581**

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	-1.6	-15.8	-8.7	8.8	8.6	8.7	0.0	0.0	0.0	0.0	0.0	0.0	1974.5	2036.5	2129.5	2284.3	0.0	0.0	0.1	30.1	31.0	25.4
02	11.6	-8.6	1.5	6.5	7.5	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1498.0	1554.0	1638.0	1778.1	0.0	0.0	0.0	25.8	28.0	20.6
03	26.1	0.3	13.2	7.2	7.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	1295.7	1357.7	1450.7	1605.6	0.0	0.0	1.2	19.9	30.9	17.1
04	46.3	22.5	34.4	5.0	4.6	4.7	0.5	0.2	0.1	0.0	0.0	0.0	618.5	678.3	768.1	918.1	0.0	0.0	12.9	3.8	27.9	2.5
05	61.7	37.2	49.5	3.9	2.7	3.1	26.3	15.2	6.2	0.8	0.1	0.0	198.4	249.3	333.2	482.9	0.0	0.0	28.0	0.1	13.1	0.0
06	71.5	48.6	60.1	2.7	1.9	2.1	169.6	124.1	71.0	19.8	3.6	1.6	18.2	32.7	69.5	168.4	0.0	0.3	30.0	0.0	0.5	0.0
07	72.6	52.1	62.3	2.7	1.6	1.9	234.8	179.0	105.8	27.1	2.5	0.6	7.0	13.2	32.9	109.3	0.0	0.1	31.0	0.0	0.0	0.0
08	65.9	46.6	56.2	3.5	2.2	2.6	91.8	60.3	28.2	5.8	0.6	0.1	53.1	83.6	144.5	277.2	0.0	0.1	30.7	0.0	1.9	0.0
09	54.6	35.5	45.0	4.6	3.8	4.0	5.4	2.4	0.9	0.3	0.0	0.0	303.9	360.9	449.4	598.9	0.0	0.0	21.5	0.5	14.8	0.0
10	32.9	18.5	25.7	5.5	5.8	5.5	0.2	0.1	0.0	0.0	0.0	0.0	908.6	970.4	1063.3	1218.4	0.0	0.0	2.6	14.9	29.7	3.9
11	9.8	-3.6	3.1	7.5	7.4	7.4	0.0	0.0	0.0	0.0	0.0	0.0	1556.8	1616.8	1706.8	1856.7	0.0	0.0	0.0	28.6	30.0	19.6
12	1.8	-12.1	-5.1	7.0	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	1864.7	1926.7	2019.7	2174.7	0.0	0.0	0.0	30.3	31.0	25.6
Summary	37.8	18.4	28.1	5.4	5.0	5.1	529	381	212	54	7	2	10297	10880	11806	13473	0.0	0.5	158.0	154.0	238.8	114.7

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	0.48	6.6	1.7	0.1	0.0	0.22	0.36	0.64	
02	0.44	5.0	1.6	0.1	0.0	0.12	0.27	0.48	
03	0.32	4.1	1.0	0.1	0.0	0.10	0.22	0.40	
04	0.34	2.7	1.1	0.1	0.0	0.00	0.13	0.48	
05	0.66	4.4	1.9	0.2	0.0	0.15	0.49	0.93	
06	1.91	9.3	5.1	0.9	0.2	0.98	1.77	2.91	
07	2.62	10.3	5.8	1.3	0.3	1.12	1.81	3.69	
08	2.61	12.7	7.6	1.5	0.1	1.75	2.55	3.47	
09	1.42	9.5	4.3	0.6	0.0	0.85	1.43	1.93	
10	0.96	7.5	3.3	0.3	0.0	0.49	0.82	1.07	
11	0.61	8.0	2.1	0.1	0.0	0.15	0.42	1.05	
12	0.48	6.6	1.6	0.1	0.0	0.23	0.48	0.61	
Summary	12.85	86.7	37.1	5.4	0.6	6.16	10.75	17.66	

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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	8.6	2.9	0.5	0.1	0.0	31.0	31.0	31.0	26.7	5.80	7.90	11.90
02	7.20	6.5	2.6	0.6	0.1	0.0	28.5	28.5	28.5	27.3	2.70	4.50	9.90
03	5.10	5.0	1.6	0.3	0.1	0.0	31.0	30.8	30.7	30.2	1.60	3.60	7.10
04	1.60	1.5	0.6	0.1	0.0	0.0	21.2	21.0	19.8	15.7	0.00	0.20	1.80
05	0.40	0.2	0.1	0.1	0.0	0.0	1.3	1.3	1.0	0.3	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	1.60	1.0	0.4	0.2	0.1	0.0	1.3	0.8	0.7	0.3	0.00	0.00	0.80
10	7.70	6.9	3.3	0.4	0.0	0.0	17.1	11.8	7.9	1.0	4.40	6.10	11.20
11	11.80	10.0	4.1	0.8	0.2	0.0	30.0	27.7	24.3	8.8	5.30	9.30	15.70
12	9.20	8.8	3.2	0.5	0.1	0.0	31.0	31.0	30.5	19.3	5.00	7.90	11.10
Summary	54.0	48.5	18.8	3.5	0.7	0.0	192.4	183.9	174.4	129.6	24.8	39.5	69.5

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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	0.0	0.0	0.6	49.5	303.6	601.6	692.8	503.7	192.2	12.2	0.0	0.0
45	0.0	0.0	0.1	14.9	172.1	452.3	537.8	350.1	92.3	3.9	0.0	0.0
50	0.0	0.0	0.0	3.3	77.6	305.0	383.7	205.4	30.1	1.0	0.0	0.0
55	0.0	0.0	0.0	0.5	26.3	169.6	234.8	91.8	5.4	0.2	0.0	0.0
60	0.0	0.0	0.0	0.1	6.2	71.0	105.8	28.2	0.9	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	1.0	42.8	191.6	349.6	400.5	264.7	101.6	7.3	0.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	1	50	354	955	1648	2152	2344	2356	2356	2356
45	0	0	0	15	187	639	1177	1527	1620	1623	1623	1623
50	0	0	0	3	81	386	770	975	1005	1006	1006	1006
55	0	0	0	0	27	196	431	523	528	529	529	529
60	0	0	0	0	6	77	183	211	212	212	212	212
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	1	44	235	585	986	1250	1352	1359	1359	1359

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