

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1892 ft. Lat: 62.6211° N Lon: 141.0061° W
Station: **PORT ALCAN, AK US USC00507513**
Generated on 04/27/2024

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	-5.3	-19.0	-12.1	7.7	8.1	7.8	0.0	0.0	0.0	0.0	0.0	0.0	2081.4	2143.4	2236.5	2391.5	0.0	0.0	0.0	30.7	31.0	27.8
02	6.1	-12.9	-3.4	6.4	6.5	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1635.3	1691.3	1775.2	1915.2	0.0	0.0	0.0	27.7	28.0	23.2
03	22.9	-6.0	8.4	6.5	7.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1442.8	1504.8	1598.0	1753.0	0.0	0.0	0.2	22.3	31.0	18.9
04	42.8	16.7	29.7	4.5	5.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	757.6	817.6	907.5	1057.5	0.0	0.0	8.2	3.9	29.1	2.5
05	57.9	33.2	45.6	4.0	2.5	3.2	8.2	3.7	0.8	0.0	0.0	0.0	301.2	358.8	448.9	603.0	0.0	0.0	26.0	0.2	13.2	0.0
06	67.0	43.6	55.3	2.3	1.8	1.9	77.9	51.2	24.3	5.7	0.4	0.1	69.0	102.3	165.3	296.8	0.0	0.0	29.7	0.0	0.7	0.0
07	69.3	46.6	57.9	2.3	1.4	1.6	116.8	75.3	33.1	3.9	0.1	0.0	25.4	46.0	96.6	222.5	0.0	0.0	30.9	0.0	0.0	0.0
08	65.0	41.0	53.0	3.5	1.8	2.3	41.4	23.9	9.1	0.7	0.0	0.0	103.5	148.0	226.2	372.8	0.0	0.0	29.8	0.0	2.0	0.0
09	52.9	30.2	41.5	4.7	2.3	3.3	0.7	0.2	0.0	0.0	0.0	0.0	404.2	463.7	553.5	703.5	0.0	0.0	21.2	1.2	18.7	0.1
10	31.0	14.3	22.6	4.7	4.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	1002.9	1064.9	1157.9	1312.9	0.0	0.0	1.2	16.5	30.7	2.7
11	7.5	-7.0	0.3	6.9	7.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1642.2	1702.2	1792.3	1942.3	0.0	0.0	0.0	29.7	30.0	20.8
12	-2.4	-16.1	-9.3	6.3	6.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1991.7	2053.7	2146.7	2301.7	0.0	0.0	0.0	30.5	31.0	27.7
Summary	34.6	13.7	24.1	5.0	4.6	4.6	245	154	67	10	0	0	11457	12097	13105	14873	0.0	0.0	147.2	162.7	245.4	123.7

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	0.26	3.7	0.6	0.0	0.0	0.24	0.26	0.32	
02	0.26	3.1	0.9	0.0	0.0	0.19	0.28	0.35	
03	0.14	2.3	0.1	0.0	0.0	0.00	0.08	0.16	
04	0.21	2.4	0.8	0.1	0.0	0.00	0.06	0.22	
05	0.88	5.7	2.7	0.3	0.1	0.56	0.81	1.16	
06	2.23	12.5	7.0	1.1	0.0	1.88	2.11	2.35	
07	2.71	13.0	7.6	1.5	0.1	1.42	2.51	3.66	
08	1.73	11.0	5.1	0.9	0.0	0.91	1.60	2.18	
09	1.02	8.0	3.2	0.4	0.0	0.29	0.84	1.22	
10	0.51	5.4	1.8	0.1	0.0	0.33	0.47	0.69	
11	0.65	5.6	1.7	0.1	0.0	0.27	0.61	0.90	
12	0.39	4.6	1.4	0.0	0.0	0.21	0.39	0.54	
Summary	10.99	77.3	32.9	4.5	0.2	6.30	10.02	13.75	

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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	3.50	3.9	1.5	0.1	0.0	0.0	29.4	29.4	29.0	16.8	2.60	3.40	4.40
02	2.90	3.1	1.0	0.1	0.0	0.0	25.6	25.6	24.8	15.6	1.00	2.20	4.30
03	3.00	2.4	0.7	0.1	0.1	0.0	28.9	28.8	26.8	20.1	0.00	1.50	3.20
04	0.90	1.1	0.4	0.1	0.0	0.0	17.7	16.2	14.3	8.2	0.00	0.00	1.40
05	0.70	0.5	0.3	0.0	0.0	0.0	1.0	0.5	0.5	0.0	0.00	0.00	0.50
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	0.50	0.6	0.3	0.1	0.0	0.0	0.7	0.3	0.0	0.0	0.00	0.00	0.10
10	4.10	4.1	1.9	0.2	0.0	0.0	11.4	8.4	2.8	0.0	0.40	3.40	6.00
11	7.10	5.3	3.0	0.6	0.1	0.0	26.5	21.8	16.8	6.7	2.20	6.20	10.90
12	4.70	4.4	2.1	0.1	0.0	0.0	29.0	27.8	26.9	12.7	2.30	5.60	6.70
Summary	27.4	25.4	11.2	1.4	0.2	0.0	170.2	158.8	141.9	80.1	8.5	22.3	37.5

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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	0.0	13.4	197.1	459.1	556.4	403.6	114.2	3.3	0.0	0.0
45	0.0	0.0	0.0	2.0	96.4	311.4	401.6	253.5	39.0	0.6	0.0	0.0
50	0.0	0.0	0.0	0.1	35.4	176.3	250.3	123.9	7.4	0.1	0.0	0.0
55	0.0	0.0	0.0	0.0	8.2	77.9	116.8	41.4	0.7	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.8	24.3	33.1	9.1	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	0.1	16.5	137.2	261.1	307.6	234.7	83.9	4.0	0.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	13	210	670	1226	1630	1744	1747	1747	1747
45	0	0	0	2	98	410	811	1065	1104	1104	1104	1104
50	0	0	0	0	36	212	462	586	593	594	594	594
55	0	0	0	0	8	86	203	244	245	245	245	245
60	0	0	0	0	1	25	58	67	67	67	67	67
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	17	154	415	722	957	1041	1045	1045	1045

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