

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 60 ft. Lat: 58.1914° N Lon: 152.3722° W

Station: KITOI BAY, AK US USC00504812

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	34.3	25.5	29.9	4.0	5.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	778.1	840.1	933.1	1088.1	0.0	0.0	0.0	9.9	24.8	0.1
02	36.2	26.7	31.4	3.3	4.7	4.0	0.0	0.0	0.0	0.0	0.0	0.0	659.4	715.4	799.4	939.4	0.0	0.0	0.0	4.9	20.9	0.2
03	38.0	26.1	32.0	3.6	4.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	711.4	773.4	866.4	1021.4	0.0	0.0	0.9	4.2	24.7	0.1
04	44.1	32.3	38.2	1.9	2.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	504.0	564.0	654.0	804.0	0.0	0.0	4.4	0.1	15.3	0.0
05	51.5	37.7	44.6	2.6	2.3	2.0	1.8	0.9	0.1	0.0	0.0	0.0	324.2	385.3	477.6	632.4	0.0	0.0	18.6	0.0	4.6	0.0
06	57.0	43.6	50.3	2.3	1.5	1.6	15.1	8.1	2.9	0.1	0.0	0.0	156.0	209.0	293.9	441.1	0.0	0.0	27.9	0.0	0.1	0.0
07	61.6	48.2	54.9	3.1	2.0	2.3	47.8	26.1	9.9	0.8	0.0	0.0	50.9	91.3	168.1	313.9	0.0	0.0	31.0	0.0	0.0	0.0
08	62.2	48.9	55.5	2.6	1.5	1.8	50.9	25.1	8.2	1.0	0.0	0.0	34.0	70.1	146.2	294.0	0.0	0.0	30.9	0.0	0.0	0.0
09	56.0	43.5	49.8	2.0	2.2	1.7	4.7	1.2	0.1	0.0	0.0	0.0	162.2	218.7	307.6	457.5	0.0	0.0	28.6	0.0	1.2	0.0
10	46.7	35.2	40.9	2.5	3.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	435.5	497.5	590.5	745.5	0.0	0.0	9.9	0.2	11.3	0.0
11	39.1	29.5	34.3	3.4	3.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	621.0	681.0	771.0	921.0	0.0	0.0	0.5	4.2	21.7	0.0
12	34.7	25.4	30.1	3.3	4.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	773.4	835.4	928.4	1083.4	0.0	0.0	0.0	9.1	24.3	0.1
Summary	46.8	35.2	41.0	2.9	3.2	2.8	120	61	21	2	0	0	5210	5881	6936	8742	0.0	0.0	152.7	32.6	148.9	0.5

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	6.13	18.5	12.6	4.3	1.4	4.04	5.88	7.77	
02	5.36	16.9	11.7	3.7	1.0	3.36	5.33	6.78	
03	4.38	14.9	9.8	3.4	0.6	2.72	4.43	6.04	
04	5.39	17.9	13.4	3.8	0.7	3.84	5.68	7.04	
05	4.67	15.5	11.0	2.7	0.4	2.86	4.34	5.90	
06	3.68	13.7	9.0	2.4	0.4	2.32	3.81	4.95	
07	3.68	13.6	8.5	2.0	0.7	2.47	3.43	4.55	
08	4.85	14.5	9.5	3.6	1.0	2.98	4.21	6.88	
09	6.61	16.1	11.0	4.6	1.9	4.12	6.25	8.34	
10	7.93	18.4	12.9	5.9	2.0	5.14	7.73	10.44	
11	5.97	17.3	11.9	4.3	1.1	3.94	5.35	7.70	
12	7.01	18.5	14.3	5.1	1.6	4.94	7.40	8.56	
Summary	65.66	195.8	135.6	45.8	12.8	42.73	63.84	84.95	

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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

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	12.40	5.5	3.0	1.1	0.5	0.1	14.9	11.7	9.7	5.4	4.60	5.90	13.10
02	6.60	3.4	2.2	0.8	0.2	0.0	10.7	8.0	5.4	2.4	0.00	0.90	13.60
03	3.30	1.7	1.1	0.4	0.2	0.0	6.6	4.9	3.2	1.6	0.00	1.00	5.20
04	0.70	0.3	0.2	0.1	0.0	0.0	1.4	0.9	0.8	0.2	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	0.10	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	3.90	2.6	1.3	0.7	0.4	0.0	3.4	2.1	1.7	0.5	0.00	0.70	5.40
12	9.80	5.5	3.5	1.7	0.9	0.3	12.3	11.1	9.2	3.8	0.00	7.30	15.20
Summary	36.8	19.1	11.3	4.8	2.2	0.4	49.5	38.7	30.0	13.9	4.6	15.8	52.5

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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	2.9	1.8	2.4	25.5	148.2	309.1	461.9	482.0	293.6	80.2	17.9	3.1
45	0.0	0.0	0.0	2.5	44.7	163.4	306.9	327.0	152.6	16.5	1.7	0.0
50	0.0	0.0	0.0	0.3	9.8	56.8	155.4	173.4	44.1	0.7	0.0	0.0
55	0.0	0.0	0.0	0.0	1.8	15.1	47.8	50.9	4.7	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.1	2.9	9.9	8.2	0.1	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.1	0.3	6.4	52.3	111.0	190.0	203.8	94.6	8.3	0.2	0.1
Growing Degree Units (Accumulated Monthly)												
40	3	5	7	33	181	490	952	1434	1727	1808	1826	1829
45	0	0	0	2	47	211	518	844	997	1014	1015	1015
50	0	0	0	0	10	67	222	396	440	441	441	441
55	0	0	0	0	2	17	65	116	120	120	120	120
60	0	0	0	0	0	3	13	21	21	21	21	21
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	7	59	170	360	564	659	667	667	667

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