

Summary of Monthly Normals 1991-2020

Generated on 09/03/2023

Current Location: Elev: 78 ft. Lat: 55.2208° N Lon: -162.7325° W
 Station: **COLD BAY AP, AK US USW00025624**

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	33.2	23.7	28.4	4.0	4.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	823.0	885.0	978.0	1133.0	0.0	0.0	0.1	11.1	24.2	0.3
02	35.0	25.5	30.2	3.9	4.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	693.0	749.0	833.0	973.0	0.0	0.0	0.0	7.4	21.1	0.3
03	35.4	24.4	29.9	4.6	5.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	778.0	840.0	933.0	1088.0	0.0	0.0	0.1	8.3	24.8	0.2
04	40.2	29.8	35.0	2.9	2.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	600.0	660.0	750.0	900.0	0.0	0.0	0.9	3.3	19.3	0.0
05	46.5	35.5	41.0	2.7	2.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	434.0	496.0	589.0	744.0	0.0	0.0	8.4	0.2	8.3	0.0
06	52.1	42.0	47.1	2.0	1.7	1.7	0.3	0.0	0.0	0.0	0.0	0.0	238.8	298.5	388.5	538.5	0.0	0.0	21.9	0.0	0.5	0.0
07	56.2	46.9	51.5	2.2	1.6	1.9	6.5	1.6	0.1	0.0	0.0	0.0	113.5	170.5	262.1	417.0	0.0	0.0	29.8	0.0	0.0	0.0
08	57.2	48.1	52.6	2.3	1.7	1.9	14.5	4.9	0.6	0.0	0.0	0.0	87.4	139.8	228.5	382.9	0.0	0.0	31.0	0.0	0.0	0.0
09	53.4	43.4	48.4	1.7	2.0	1.7	1.8	0.5	0.0	0.0	0.0	0.0	199.8	258.5	348.0	498.0	0.0	0.0	25.8	0.0	0.7	0.0
10	46.5	36.1	41.3	2.3	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	424.7	486.7	579.7	734.7	0.0	0.0	8.3	0.1	7.7	0.0
11	39.9	30.6	35.3	3.0	3.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	592.5	652.5	742.5	892.5	0.0	0.0	1.4	3.4	18.2	0.0
12	35.6	25.9	30.8	3.0	4.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	751.8	813.8	906.8	1061.8	0.0	0.0	0.2	8.4	23.2	0.0
Summary	44.3	34.3	39.3	2.9	2.9	2.8	23	7	1	0	0	0	5737	6450	7539	9363	0.0	0.0	127.9	42.2	148.0	0.8

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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	3.38	20.5	9.1	1.4	0.4	2.26	3.56	4.46	
02	3.17	20.1	8.6	1.4	0.3	1.86	2.90	4.09	
03	2.98	19.4	8.4	1.3	0.2	1.84	2.82	4.10	
04	2.70	18.9	7.0	1.2	0.3	1.63	2.05	3.92	
05	2.64	17.8	6.9	1.2	0.3	1.70	2.38	3.28	
06	2.74	17.4	7.5	1.2	0.3	1.77	2.58	3.34	
07	2.51	19.8	8.2	0.8	0.0	1.80	2.16	3.38	
08	3.71	21.3	9.5	1.8	0.5	2.46	3.25	4.83	
09	4.50	22.6	11.4	2.3	0.5	3.53	4.34	5.62	
10	4.93	24.8	13.1	2.5	0.5	3.85	4.72	5.82	
11	4.99	24.4	13.1	2.4	0.6	4.00	4.68	5.39	
12	4.42	23.4	11.7	2.2	0.7	2.88	4.00	5.02	
Summary	42.67	250.4	114.5	19.7	4.6	29.58	39.44	53.25	

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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	12.60	13.0	3.9	0.9	0.4	0.1	15.6	10.0	5.6	3.1	7.20	9.30	13.10
02	10.00	12.7	3.4	0.6	0.1	0.0	12.7	6.6	4.7	2.2	4.50	7.40	12.70
03	12.80	13.3	3.9	0.9	0.3	0.0	11.5	6.4	3.9	2.6	6.20	9.40	16.40
04	6.40	9.1	1.9	0.3	0.0	0.0	5.0	2.7	1.7	0.8	2.60	4.50	8.50
05	1.20	2.4	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.00	0.40	1.70
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	2.00	3.1	0.6	0.1	0.0	0.0	0.6	0.3	0.1	0.0	0.20	1.00	2.60
11	8.20	9.7	2.8	0.4	0.0	0.0	7.2	1.9	0.5	0.1	3.40	7.90	10.50
12	14.10	14.2	4.9	0.8	0.2	0.0	14.1	8.3	4.8	1.6	7.70	12.90	21.10
Summary	67.3	77.6	21.8	4.0	1.0	0.1	67.1	36.2	21.3	10.4	31.8	52.8	86.6

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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	1.4	1.3	1.3	12.1	68.9	213.1	358.0	392.1	252.5	82.7	18.3	4.3
45	0.0	0.0	0.0	0.4	8.7	80.0	203.4	237.3	114.5	18.8	2.1	0.4
50	0.0	0.0	0.0	0.0	0.4	11.4	65.6	91.6	25.1	1.2	0.1	0.0
55	0.0	0.0	0.0	0.0	0.0	0.3	6.5	14.5	1.8	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	0.1	1.0	11.7	46.4	100.3	120.4	58.2	9.5	0.9	0.1

Growing Degree Units (Accumulated Monthly)												
40	1	3	4	16	85	298	656	1048	1301	1383	1402	1406
45	0	0	0	0	9	89	292	530	644	663	665	666
50	0	0	0	0	0	12	77	169	194	195	195	195
55	0	0	0	0	0	0	7	21	23	23	23	23
60	0	0	0	0	0	0	0	1	1	1	1	1
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	1	13	59	160	280	338	348	348	349

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