

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 286 ft. Lat: 55.6917° N Lon: 132.5247° W

Station: THORNE BAY, AK US USC00509148

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	38.2	28.1	33.2				0.0	0.0	0.0	0.0	0.0	0.0	677.3	739.3	832.3	987.3	0.0	0.0	1.4	4.1	17.2	0.0
02	39.6	28.3	33.9				0.0	0.0	0.0	0.0	0.0	0.0	589.4	645.4	729.4	869.4	0.0	0.0	1.0	3.9	21.4	0.0
03	42.7	29.7	36.2				0.0	0.0	0.0	0.0	0.0	0.0	582.8	644.7	737.7	892.8	0.0	0.0	4.4	1.8	21.8	0.0
04	49.9	33.9	41.9				0.1	0.0	0.0	0.0	0.0	0.0	393.1	453.0	543.0	693.0	0.0	0.0	16.2	0.0	12.7	0.0
05	57.1	40.0	48.6				7.9	3.0	0.3	0.0	0.0	0.0	207.8	264.9	355.2	509.9	0.0	0.0	27.4	0.0	1.6	0.0
06	62.6	46.2	54.4				45.2	25.2	9.6	1.3	0.0	0.0	63.2	103.2	177.6	319.3	0.0	0.0	29.9	0.0	0.0	0.0
07	65.5	50.6	58.1				111.0	69.7	31.9	7.0	0.5	0.0	16.5	37.2	92.5	222.6	0.0	0.0	31.0	0.0	0.0	0.0
08	65.3	50.2	57.8				98.9	59.8	24.9	2.9	0.3	0.0	13.8	36.7	94.8	227.8	0.0	0.1	31.0	0.0	0.0	0.0
09	58.9	45.2	52.1				13.6	4.7	0.9	0.0	0.0	0.0	102.1	153.3	239.4	388.5	0.0	0.0	29.6	0.0	0.1	0.0
10	50.6	38.0	44.3				0.6	0.0	0.0	0.0	0.0	0.0	332.2	393.7	486.7	641.7	0.0	0.0	20.4	0.0	6.0	0.0
11	41.8	32.2	37.0				0.0	0.0	0.0	0.0	0.0	0.0	540.0	599.9	689.9	840.0	0.0	0.0	2.0	1.7	15.3	0.0
12	37.7	29.6	33.7				0.0	0.0	0.0	0.0	0.0	0.0	661.8	723.8	816.8	971.8	0.0	0.0	1.1	4.7	21.3	0.0
Summary	50.8	37.7	44.3	0.0	0.0	0.0	277	162	68	11	1	0	4180	4795	5795	7564	0.0	0.1	195.4	16.2	117.4	0.0

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	8.16							
02	5.46							
03	6.25							
04	5.09							
05	3.51							
06	4.08							
07	5.30							
08	6.98							
09	8.63							
10	12.12							
11	10.52							
12	9.08							
Summary	85.18	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	7.4	13.6	18.1	81.2	267.3	432.0	559.4	550.1	361.4	153.4	29.1	13.0
45	0.0	1.3	2.3	18.2	132.4	282.0	404.4	395.0	212.3	49.5	5.4	1.8
50	0.0	0.0	0.0	2.3	42.5	138.8	249.6	240.2	83.8	7.5	0.1	0.0
55	0.0	0.0	0.0	0.1	7.9	45.2	111.0	98.9	13.6	0.6	0.0	0.0
60	0.0	0.0	0.0	0.0	0.3	9.6	31.9	24.9	0.9	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.5	0.9	5.6	31.5	117.5	192.8	266.7	260.8	138.8	36.7	2.6	0.3

Growing Degree Units (Accumulated Monthly)												
40	7	21	39	120	388	820	1379	1929	2290	2444	2473	2486
45	0	1	4	22	154	436	841	1236	1448	1497	1503	1505
50	0	0	0	2	45	184	433	673	757	765	765	765
55	0	0	0	0	8	53	164	263	277	277	277	277
60	0	0	0	0	0	10	42	67	68	68	68	68
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	7	38	156	349	616	876	1015	1052	1054	1055

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.