

Summary of Monthly Normals 1981-2010

Generated on 08/29/2023

Current Location: Elev: 46 ft. Lat: 57.0481° N Lon: -135.3647° W
 Station: **SITKA AIRPORT, AK US USW00025333**

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	40.5	32.3	36.4	3.5	3.9	3.7	0	0	0	0	0	0	577	639	732	887	0.0	0.0	1.4	3.1	12.8	0.0
02	41.3	32.1	36.7	2.9	3.5	3.1	0	0	0	0	0	0	512	568	652	792	0.0	0.0	0.9	1.7	12.7	0.0
03	43.1	32.9	38.0	2.5	2.5	2.4	0	0	0	0	0	0	527	589	682	837	0.0	0.0	2.0	0.9	12.4	0.0
04	48.2	36.8	42.5	2.5	1.8	2.1	-7777	-7777	-7777	0	0	0	375	435	525	675	0.0	0.0	8.7	0.0	3.5	0.0
05	53.1	42.4	47.8	2.5	1.7	2.0	4	1	-7777	0	0	0	228	288	380	535	0.0	0.0	21.4	0.0	0.2	0.0
06	57.8	47.8	52.8	1.8	1.4	1.5	16	6	2	-7777	0	0	82	132	218	366	0.0	0.0	29.1	0.0	0.0	0.0
07	60.4	52.0	56.2	1.7	1.2	1.4	55	24	4	-7777	0	0	18	49	122	273	0.0	0.0	31.0	0.0	0.0	0.0
08	61.9	52.5	57.2	2.2	1.1	1.6	76	36	8	1	-7777	0	8	30	95	243	0.0	0.0	31.0	0.0	0.0	0.0
09	57.8	48.2	53.0	2.1	1.6	1.7	18	6	1	-7777	0	0	78	126	211	360	0.0	0.0	29.5	0.0	0.0	0.0
10	50.5	41.6	46.1	1.8	2.0	1.8	1	-7777	-7777	0	0	0	278	340	432	587	0.0	0.0	17.3	0.1	1.5	0.0
11	43.7	35.2	39.5	3.5	3.8	3.6	-7777	-7777	0	0	0	0	467	526	616	766	0.0	0.0	2.9	1.1	8.0	0.0
12	41.0	32.9	37.0	2.9	3.2	3.0	-7777	-7777	0	0	0	0	560	622	715	870	0.0	0.0	1.5	2.0	12.0	0.0
Summary	49.9	40.6	45.3	2.5	2.3	2.3	170	73	15	1	0	0	3710	4344	5380	7191	0.0	0.0	176.7	8.9	63.1	0.0

-7777: a non-zero value that would round to zero

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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	8.38	22.0	15.8	5.7	1.9	5.85	7.96	9.97	
02	6.49	16.7	12.0	3.9	1.1	3.60	6.66	8.37	
03	6.15	19.6	13.6	4.1	1.1	4.71	5.82	7.93	
04	4.35	17.0	10.8	2.5	0.4	2.75	3.99	5.79	
05	4.23	17.5	10.8	2.6	0.6	2.35	3.69	5.43	
06	2.89	15.5	8.4	1.2	0.3	1.79	2.28	3.76	
07	4.12	18.5	10.9	2.2	0.4	3.30	4.14	5.18	
08	6.87	19.2	12.7	4.8	1.6	4.76	5.96	9.06	
09	11.75	22.3	17.2	9.0	3.8	8.92	11.78	14.26	
10	12.95	24.5	20.8	10.6	3.5	10.20	12.75	15.85	
11	9.78	21.8	17.0	7.6	2.5	6.28	8.94	12.91	
12	8.85	21.0	15.6	5.9	2.1	5.95	8.24	11.96	
Summary	86.81	235.6	165.6	60.1	19.3	60.46	82.21	110.47	

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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	9.5	4.5	2.7	0.9	0.5	0.0	6.7	3.6	2.2	0.8	0.0	9.9	13.7
02	8.0	3.8	2.6	0.9	0.3	0.0	5.9	3.7	2.6	0.9	0.2	4.0	15.3
03	4.9	3.4	1.9	0.4	0.1	0.0	4.0	1.4	0.5	0.3	0.0	3.1	8.3
04	0.9	0.8	0.3	0.1	0.0	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.2
05	-7777	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	4.7	3.3	2.0	0.4	0.1	0.0	3.8	1.3	0.5	0.1	0.0	0.5	8.8
12	4.0	2.7	1.5	0.5	0.1	0.0	6.1	1.6	1.1	0.1	0.2	3.1	6.2
Summary	32.3	19.0	11.1	3.2	1.1	0.0	26.8	11.7	7.0	2.2	0.4	20.6	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	32	24	28	92	241	384	502	533	390	195	58	33
45	4	2	2	22	102	234	347	378	241	75	11	5
50	-7777	-7777	-7777	3	24	94	192	223	104	13	1	-7777
55	0	0	0	-7777	4	16	55	76	18	1	-7777	-7777
60	0	0	0	-7777	-7777	2	4	8	1	-7777	0	0
Growing Degree Units for Corn (Monthly)												
50/86	1	1	3	20	60	123	198	228	130	31	4	2

Growing Degree Units (Accumulated Monthly)												
40	32	56	84	176	417	801	1303	1836	2226	2421	2479	2512
45	4	6	8	30	132	366	713	1091	1332	1407	1418	1423
50	0	0	0	3	27	121	313	536	640	653	654	654
55	0	0	0	0	4	20	75	151	169	170	170	170
60	0	0	0	0	0	2	6	14	15	15	15	15
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	2	5	25	85	208	406	634	764	795	799	801

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

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