

Summary of Monthly Normals
1981-2010

Generated on 04/28/2024

Current Location: Elev: 270 ft. Lat: 61.7066° N Lon: 149.9977° W

Station: WHITES CROSSING, AK US USC00509790

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	15.7	-2.0	6.9	8.1	9.9	8.9	0	0	0	0	0	0	1493	1555	1648	1803	0.0	0.0	0.0	26.8	30.9	15.2
02	23.9	1.5	12.7	5.9	9.1	7.4	0	0	0	0	0	0	1184	1240	1324	1464	0.0	0.0	0.0	20.0	27.6	12.4
03	34.9	7.6	21.3	3.9	7.5	5.5	0	0	0	0	0	0	1046	1108	1201	1356	0.0	0.0	0.3	10.1	30.4	9.7
04	46.9	22.2	34.6	3.2	4.2	3.4	-7777	-7777	0	0	0	0	614	674	764	914	0.0	0.0	10.4	1.3	26.5	1.3
05	59.9	33.8	46.9	2.7	2.6	2.3	6	2	1	-7777	0	0	259	317	408	563	0.0	0.0	28.7	0.0	12.9	0.0
06	67.5	43.9	55.7	2.7	2.0	2.2	75	47	20	3	-7777	-7777	54	86	150	282	0.0	0.0	29.9	0.0	0.8	0.0
07	69.3	49.2	59.2	2.8	1.7	2.0	141	92	41	6	-7777	-7777	9	22	64	184	0.0	0.0	31.0	0.0	0.0	0.0
08	66.0	45.8	55.9	2.7	1.9	2.0	72	43	16	2	-7777	-7777	44	77	144	284	0.0	0.0	31.0	0.0	0.9	0.0
09	55.7	36.4	46.0	2.5	3.8	2.7	2	-7777	-7777	0	0	0	270	329	419	569	0.0	0.0	25.0	-7777	9.1	0.0
10	38.5	21.7	30.1	4.0	6.3	5.0	-7777	0	0	0	0	0	772	834	927	1082	0.0	0.0	3.3	6.9	24.5	2.1
11	21.9	5.0	13.4	6.5	9.4	7.9	0	0	0	0	0	0	1246	1306	1396	1546	0.0	0.0	-7777	24.4	29.4	12.1
12	18.2	1.1	9.7	5.7	7.3	6.4	0	0	0	0	0	0	1406	1468	1561	1716	0.0	0.0	0.0	26.3	30.8	14.7
Summary	43.2	22.2	32.7	4.2	5.5	4.6	296	184	78	11	0	0	8397	9016	10006	11763	0.0	0.0	159.6	115.8	223.8	67.5

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

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	1.17	7.2	3.9	0.5	0.2	0.44	0.87	1.69
02	0.92	6.5	3.4	0.6	-7777	0.33	0.58	1.15
03	0.71	5.7	3.1	0.2	0.0	0.31	0.65	1.13
04	0.83	4.9	2.6	0.2	0.1	0.27	0.69	1.11
05	0.99	8.4	3.4	0.3	-7777	0.48	1.00	1.25
06	1.28	8.3	3.7	0.5	0.1	0.61	1.06	1.87
07	2.15	10.8	6.7	1.1	0.1	1.27	1.91	3.07
08	3.79	12.9	8.3	2.2	0.6	2.01	2.95	3.99
09	3.78	13.3	8.7	2.3	0.8	2.31	3.24	4.25
10	2.97	10.3	6.9	1.8	0.5	1.52	2.58	3.81
11	1.53	8.5	5.0	0.6	0.1	0.79	1.44	1.93
12	1.69	10.0	5.4	0.9	0.2	1.15	1.67	2.03
Summary	21.81	106.8	61.1	11.2	2.7	11.49	18.64	27.28

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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	11.5	5.2	4.9	1.3	0.6	0.1	29.2	28.2	27.5	25.1	6.0	9.0	16.9
02	10.1	3.8	3.2	1.3	0.6	0.2	27.7	26.5	25.3	24.7	3.0	5.0	16.0
03	7.3	3.3	2.8	0.9	0.3	0.0	29.7	28.8	28.3	26.4	2.5	6.0	11.0
04	2.7	1.3	1.2	0.3	0.1	0.0	22.8	20.6	19.0	15.4	0.0	1.5	3.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-7777	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	0.9	0.2	0.2	0.1	0.1	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0
10	9.2	2.6	2.5	1.3	0.6	-7777	9.1	6.8	5.0	2.7	0.0	6.0	12.0
11	15.8	4.9	4.6	1.9	0.9	0.2	26.0	20.3	16.1	10.3	4.0	12.0	23.0
12	18.3	6.7	5.9	2.6	0.9	0.2	31.0	29.2	27.0	21.9	8.9	16.4	27.7
Summary	75.8	28.0	25.3	9.7	4.1	0.7	176.2	160.6	148.3	126.5	24.4	55.9	109.6

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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	-7777	-7777	-7777	16	218	471	597	493	203	20	-7777	-7777
45	0	0	0	2	100	321	442	339	93	6	0	0
50	0	0	0	-7777	32	179	287	190	23	1	0	0
55	0	0	0	-7777	6	75	141	72	2	-7777	0	0
60	0	0	0	0	1	20	41	16	-7777	0	0	0
Growing Degree Units for Corn (Monthly)												
50/86	0	-7777	-7777	22	156	268	322	259	97	6	-7777	0

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	16	234	705	1302	1795	1998	2018	2018	2018
45	0	0	0	2	102	423	865	1204	1297	1303	1303	1303
50	0	0	0	0	32	211	498	688	711	712	712	712
55	0	0	0	0	6	81	222	294	296	296	296	296
60	0	0	0	0	1	21	62	78	78	78	78	78
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	22	178	446	768	1027	1124	1130	1130	1130

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