

Summary of Monthly Normals
1981-2010

Generated on 05/23/2024

Current Location: Elev: 266 ft. Lat: 69.3694° N Lon: 152.1400° W

Station: UMIAT AIRPORT, AK US USW00026508

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	-11.9	-30.7	-21.3	8.0	7.6	7.6	0	0	0	0	0	0	2365	2427	2520	2675	0.0	0.0	0.0	30.9	31.0	29.6
02	-10.7	-29.8	-20.2	10.3	8.5	9.3	0	0	0	0	0	0	2107	2163	2247	2387	0.0	0.0	0.0	27.5	28.0	26.0
03	-4.8	-29.0	-16.9	6.2	7.1	6.4	0	0	0	0	0	0	2228	2290	2383	2539	0.0	0.0	0.0	30.4	31.0	30.0
04	14.5	-9.7	2.4	7.5	8.3	7.8	0	0	0	0	0	0	1578	1638	1728	1878	0.0	0.0	0.4	25.7	29.8	21.5
05	36.2	16.8	26.5	5.7	4.5	4.8	-7777	-7777	-7777	0	0	0	884	946	1039	1194	0.0	0.0	3.9	12.1	29.1	3.3
06	61.4	37.0	49.2	1.8	2.0	1.7	44	28	13	2	-7777	-7777	219	263	337	477	0.0	0.0	23.8	0.0	8.4	0.0
07	68.3	41.8	55.0	2.8	2.6	2.3	92	63	32	7	1	1	91	124	186	315	0.0	0.2	30.1	0.0	2.2	0.0
08	59.5	36.2	47.9	3.8	3.1	3.2	18	11	5	1	0	0	240	295	381	532	0.0	0.1	25.0	0.0	8.3	0.0
09	43.6	26.3	35.0	4.7	3.2	3.8	-7777	-7777	-7777	0	0	0	603	662	752	902	0.0	0.0	8.6	4.0	23.2	0.0
10	19.7	3.3	11.5	5.3	6.3	5.7	0	0	0	0	0	0	1348	1410	1503	1658	0.0	0.0	0.2	25.5	30.9	12.3
11	-0.8	-16.2	-8.5	8.8	9.7	9.1	0	0	0	0	0	0	1904	1965	2054	2205	0.0	0.0	0.0	29.1	30.0	25.3
12	-6.9	-26.2	-16.5	7.6	5.8	6.6	0	0	0	0	0	0	2218	2280	2373	2528	0.0	0.0	0.0	30.6	31.0	29.4
Summary	22.3	1.6	12.0	6.0	5.7	5.7	154	102	50	10	1	1	15785	16463	17503	19290	0.0	0.3	92.0	215.8	282.9	177.4

-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	0.38	3.7	1.3	0.2	0.0	0.09	0.23	0.47	
02	0.19	2.2	0.8	0.0	0.0	0.03	0.13	0.30	
03	0.24	1.7	1.0	0.1	-7777	0.13	0.19	0.24	
04	0.24	2.0	0.5	0.1	0.1	0.02	0.09	0.24	
05	0.05	0.8	0.2	0.0	0.0	0.00	0.00	0.02	
06	0.33	2.4	1.1	0.3	0.1	0.00	0.11	0.54	
07	0.76	3.3	2.1	0.4	0.1	0.02	0.54	1.33	
08	0.95	5.2	2.6	0.5	0.1	0.22	0.77	1.36	
09	0.31	3.5	1.2	0.0	0.0	0.13	0.23	0.47	
10	0.56	6.3	2.4	0.2	0.1	0.32	0.46	0.61	
11	0.39	4.6	1.2	0.0	0.0	0.23	0.35	0.53	
12	0.41	4.1	1.0	0.1	0.0	0.11	0.41	0.54	
Summary	4.81	39.8	15.4	1.9	0.5	1.30	3.51	6.65	

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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	0	0	0	1	22	299	466	256	46	-7777	0	0
45	0	0	0	-7777	9	191	319	142	16	-7777	0	0
50	0	0	0	0	3	103	190	60	3	-7777	0	0
55	0	0	0	0	-7777	44	92	18	-7777	0	0	0
60	0	0	0	0	-7777	13	32	5	-7777	0	0	0
Growing Degree Units for Corn (Monthly)												
50/86	0	0	0	-7777	17	191	290	162	33	-7777	0	0

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	1	23	322	788	1044	1090	1090	1090	1090
45	0	0	0	0	9	200	519	661	677	677	677	677
50	0	0	0	0	3	106	296	356	359	359	359	359
55	0	0	0	0	0	44	136	154	154	154	154	154
60	0	0	0	0	0	13	45	50	50	50	50	50
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	0	17	208	498	660	693	693	693	693

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