

## Summary of Monthly Normals 1991-2020

Generated on 09/04/2023

Current Location: Elev: 95 ft. Lat: 61.1303° N Lon: -146.3517° W

Station: **VALDEZ WSO, AK US USW00026442**

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	28.7	19.1	23.9	3.7	4.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	964.0	1026.0	1119.0	1274.0	0.0	0.0	0.1	19.3	29.8	0.6
02	31.9	21.4	26.7	3.3	4.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	793.8	849.8	933.8	1073.8	0.0	0.0	0.0	12.6	26.3	0.2
03	36.7	23.0	29.9	3.0	3.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	779.6	841.6	934.6	1089.6	0.0	0.0	0.2	7.7	28.9	0.0
04	46.4	31.9	39.2	2.7	2.1	2.3	0.1	0.0	0.0	0.0	0.0	0.0	475.6	535.5	625.5	775.5	0.0	0.0	7.8	0.5	16.2	0.0
05	55.6	39.8	47.7	3.0	2.0	2.3	5.2	1.8	0.3	0.0	0.0	0.0	231.5	290.1	381.6	536.3	0.0	0.0	23.8	0.0	1.4	0.0
06	62.5	46.3	54.4	2.7	0.9	1.7	41.2	21.5	7.2	1.1	0.0	0.0	59.3	99.6	175.2	319.1	0.0	0.0	29.7	0.0	0.0	0.0
07	64.1	49.1	56.6	2.8	1.6	2.1	72.0	38.2	12.9	2.0	0.0	0.0	22.4	50.6	118.3	262.4	0.0	0.0	31.0	0.0	0.0	0.0
08	62.0	46.9	54.5	2.7	0.7	1.5	37.0	17.5	4.5	0.2	0.0	0.0	54.1	96.5	176.6	327.3	0.0	0.0	30.9	0.0	0.0	0.0
09	55.0	41.6	48.3	2.3	1.6	1.6	2.1	0.9	0.1	0.0	0.0	0.0	203.1	261.9	351.1	501.0	0.0	0.0	23.6	0.0	1.4	0.0
10	44.9	34.1	39.5	2.2	2.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	480.5	542.5	635.5	790.5	0.0	0.0	4.8	0.8	13.2	0.0
11	33.9	24.9	29.4	3.6	4.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	767.9	827.9	917.9	1067.9	0.0	0.0	0.0	11.3	26.5	0.0
12	30.7	21.8	26.2	2.4	3.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	891.3	953.3	1046.3	1201.3	0.0	0.0	0.1	17.4	29.7	0.0
Summary	46.0	33.3	39.7	2.9	2.7	2.7	158	80	25	3	0	0	5723	6375	7415	9219	0.0	0.0	152.0	69.6	173.4	0.8

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	6.56	16.3	11.4	5.1	1.5	3.86	5.55	9.42	
02	5.92	15.3	10.5	3.6	1.5	2.88	5.90	7.24	
03	4.10	13.9	8.8	2.9	0.7	1.82	3.86	5.25	
04	3.37	14.3	8.2	2.0	0.5	2.31	3.21	4.21	
05	3.02	15.0	8.0	1.7	0.5	1.84	2.30	3.55	
06	2.44	13.8	6.4	1.3	0.1	1.65	2.50	3.06	
07	3.87	18.0	10.1	2.2	0.3	3.22	3.87	4.45	
08	7.00	18.4	12.3	4.8	1.7	4.03	6.36	8.85	
09	9.76	20.9	16.0	6.6	2.8	7.54	9.17	11.04	
10	7.98	19.3	14.0	5.4	2.0	4.81	7.29	10.40	
11	6.14	15.5	10.3	3.8	1.6	2.84	5.44	9.13	
12	7.74	17.3	12.4	4.6	2.1	4.54	7.65	10.11	
Summary	67.90	198.0	128.4	44.0	15.3	41.34	63.10	86.71	

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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	66.60	15.6	11.0	7.0	5.1	2.3	31.0	29.7	29.7	29.5	45.70	65.40	86.10
02	63.40	14.3	9.8	6.7	4.1	1.7	28.5	28.4	28.4	28.3	39.00	56.40	85.50
03	45.80	13.0	8.7	4.8	3.1	1.3	31.0	31.0	31.0	31.0	25.10	39.70	61.70
04	22.30	6.2	3.7	1.9	1.3	0.4	27.3	26.7	26.3	24.6	5.20	20.60	33.30
05	3.40	1.4	0.8	0.3	0.2	0.1	4.3	3.9	3.3	2.6	0.00	0.00	2.00
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	0.70	0.3	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
10	9.10	4.7	2.5	1.0	0.3	0.1	3.2	1.2	0.4	0.0	1.60	5.00	10.90
11	43.50	12.9	8.3	4.9	3.3	0.9	22.7	19.1	16.5	11.0	19.70	39.90	67.30
12	70.50	16.0	11.3	7.4	5.1	1.9	29.6	28.2	26.6	25.2	42.30	68.40	93.20
Summary	325.3	84.4	56.2	34.1	22.5	8.7	177.7	168.2	162.2	152.2	178.6	295.4	440.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Growing Degree Units (Monthly)</b>												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.2	0.0	0.5	49.7	241.1	432.0	514.6	447.9	250.1	57.6	1.2	0.0
45	0.0	0.0	0.0	8.5	106.4	282.3	359.6	292.9	111.9	9.1	0.0	0.0
50	0.0	0.0	0.0	1.3	28.1	138.9	204.9	140.6	22.4	0.6	0.0	0.0
55	0.0	0.0	0.0	0.1	5.2	41.2	72.0	37.0	2.1	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.3	7.2	12.9	4.5	0.1	0.0	0.0	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	0.2	0.0	0.1	17.4	97.8	190.9	228.2	188.6	81.1	8.9	0.1	0.1

Growing Degree Units (Accumulated Monthly)												
40	0	0	1	50	292	724	1238	1686	1936	1994	1995	1995
45	0	0	0	8	115	397	757	1050	1162	1171	1171	1171
50	0	0	0	1	29	168	373	514	536	537	537	537
55	0	0	0	0	5	46	118	156	158	158	158	158
60	0	0	0	0	0	8	20	25	25	25	25	25
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	0	0	0	18	116	306	535	723	804	813	813	813

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.