

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 3300 ft. Lat: 45.9414° N Lon: 116.1175° W
Station: **GRANGEVILLE, ID US USC00103771**

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	37.8	24.5	31.2	3.8	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	739.3	801.3	894.3	1049.3	0.0	0.0	2.3	7.2	25.5	0.4
02	42.0	25.4	33.7	4.4	3.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	596.3	652.3	736.3	876.3	0.0	0.0	4.9	3.0	23.5	0.5
03	49.3	29.4	39.4	3.5	2.3	2.7	0.2	0.0	0.0	0.0	0.0	0.0	485.4	547.2	640.2	795.2	0.0	0.0	15.7	0.4	21.2	0.0
04	55.8	34.4	45.1	3.4	2.1	2.6	8.7	4.7	1.5	0.1	0.0	0.0	305.6	361.6	448.4	597.0	0.0	0.0	21.7	0.0	12.6	0.0
05	63.8	41.6	52.7	3.5	1.7	2.4	62.3	42.6	21.4	3.6	0.1	0.0	133.7	176.0	247.8	384.9	0.0	0.1	28.8	0.0	3.4	0.0
06	70.3	47.5	58.9	3.1	2.1	2.3	150.2	110.4	63.4	18.9	3.8	1.8	33.1	53.3	96.3	201.8	0.0	0.4	29.5	0.0	0.1	0.0
07	82.1	53.7	67.9	4.4	2.7	3.4	400.7	341.2	256.5	133.3	48.4	27.6	1.1	3.6	11.9	43.6	0.1	5.7	31.0	0.0	0.0	0.0
08	82.5	52.9	67.7	2.4	2.3	2.1	396.5	337.2	252.6	129.9	45.6	25.2	3.0	5.7	14.1	46.3	0.3	6.5	31.0	0.0	0.1	0.0
09	72.7	45.1	58.9	3.3	2.5	2.6	163.5	125.2	78.1	27.1	5.1	1.6	46.6	68.2	111.2	210.2	0.0	1.2	29.8	0.0	0.9	0.0
10	57.6	36.5	47.0	2.6	2.5	2.4	17.3	10.0	3.6	0.4	0.0	0.0	263.7	318.4	405.0	556.8	0.0	0.0	25.6	0.2	9.8	0.0
11	44.9	29.1	37.0	4.0	3.0	3.3	0.6	0.4	0.1	0.0	0.0	0.0	540.6	600.3	690.1	840.0	0.0	0.0	8.4	2.9	20.6	0.1
12	37.0	23.7	30.4	2.9	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	763.9	825.9	918.9	1074.0	0.0	0.0	1.8	8.8	26.9	0.7
Summary	58.0	37.0	47.5	3.4	2.6	2.8	1200	972	677	313	103	56	3912	4414	5214	6675	0.4	13.9	230.5	22.5	144.6	1.7

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	1.27	9.6	4.0	0.3	0.0	0.70	1.23	1.60	
02	1.43	8.4	4.6	0.4	0.0	0.78	1.15	2.02	
03	2.31	11.2	7.1	1.2	0.0	1.46	2.10	2.93	
04	2.90	13.9	9.0	1.5	0.0	2.03	2.60	3.62	
05	3.44	12.8	8.4	2.0	0.4	2.31	3.19	4.37	
06	3.26	11.6	7.5	1.9	0.4	2.52	3.21	3.81	
07	1.07	5.5	3.1	0.8	0.2	0.10	0.45	1.47	
08	0.90	4.9	2.6	0.5	0.2	0.42	0.67	1.07	
09	1.30	5.2	3.0	1.0	0.1	0.30	1.27	1.91	
10	1.93	9.7	5.9	0.7	0.1	1.27	1.91	2.51	
11	1.91	11.2	6.5	0.5	0.1	0.97	1.68	2.64	
12	1.79	10.1	5.2	0.4	0.0	0.89	1.23	2.28	
Summary	23.51	114.1	66.9	11.2	1.5	13.75	20.69	30.23	

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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	7.90	3.0	2.5	0.8	0.4	0.0	12.1	7.7	6.3	3.3	2.50	4.40	12.00
02	6.20	2.5	2.1	0.8	0.3	0.1	7.1	4.4	3.0	0.8	1.60	4.00	7.50
03	6.00	2.7	2.0	1.0	0.2	0.0	2.2	1.1	0.4	0.0	2.00	5.00	9.80
04	3.20	1.4	1.3	0.5	0.0	0.0	0.6	0.2	0.1	0.0	0.00	0.00	4.10
05	0.20	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.60	0.4	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	5.00	2.0	1.4	0.7	0.3	0.0	3.6	2.6	1.9	0.0	0.00	3.10	9.00
12	9.60	4.5	3.7	1.2	0.5	0.0	12.2	6.1	2.9	0.4	2.70	5.80	13.60
Summary	38.7	16.6	13.4	5.0	1.7	0.1	38.0	22.1	14.6	4.5	8.8	22.3	56.0

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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	10.8	15.4	73.0	175.3	395.0	567.1	864.7	858.6	567.3	240.2	54.2	9.9
45	1.2	2.5	21.4	82.0	251.6	417.8	709.7	703.6	419.9	125.8	18.3	1.2
50	0.0	0.1	3.2	31.1	137.0	273.9	554.7	549.0	280.8	53.7	4.4	0.1
55	0.0	0.0	0.2	8.7	62.3	150.2	400.7	396.5	163.5	17.3	0.6	0.0
60	0.0	0.0	0.0	1.5	21.4	63.4	256.5	252.6	78.1	3.6	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.5	8.4	48.7	108.0	221.4	321.7	545.1	540.7	351.0	136.7	25.9	2.7

Growing Degree Units (Accumulated Monthly)												
40	11	26	99	274	670	1237	2101	2960	3527	3767	3822	3831
45	1	4	25	107	359	776	1486	2190	2610	2736	2754	2755
50	0	0	3	34	171	445	1000	1549	1830	1884	1888	1888
55	0	0	0	9	71	221	622	1019	1182	1199	1200	1200
60	0	0	0	2	23	86	343	595	674	677	677	677
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	11	60	168	389	711	1256	1797	2148	2284	2310	2313

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

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