

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 4638 ft. Lat: 42.1106° N Lon: 104.9492° W

Station: WHEATLAND 4 N, WY US USC00489615

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	43.3	16.6	30.0	3.7	3.4	3.4	0.2	0.1	0.0	0.0	0.0	0.0	776.9	838.7	931.6	1086.6	0.0	0.0	8.7	5.1	26.6	3.0
02	45.1	16.5	30.8	5.4	5.3	5.2	0.5	0.2	0.1	0.0	0.0	0.0	677.8	733.6	817.5	957.4	0.0	0.0	10.9	4.4	24.1	2.3
03	55.4	24.1	39.8	5.0	3.8	4.2	5.8	3.0	1.1	0.2	0.0	0.0	478.8	537.9	629.0	783.1	0.0	0.0	22.0	1.5	22.2	0.6
04	62.1	30.0	46.1	3.6	2.6	2.8	16.5	9.7	3.9	0.6	0.0	0.0	284.9	338.1	422.3	569.0	0.0	0.0	24.7	0.4	14.6	0.0
05	71.1	39.2	55.1	4.2	1.9	2.9	102.8	73.0	39.6	9.8	1.3	0.5	98.2	130.3	190.0	315.2	0.0	0.6	30.0	0.0	3.7	0.0
06	82.7	48.0	65.4	4.4	2.3	3.1	317.3	262.9	186.8	84.9	25.3	13.5	6.9	12.5	26.4	74.4	0.6	6.6	30.0	0.0	0.0	0.0
07	90.3	54.1	72.2	3.3	2.4	2.6	533.0	471.3	379.2	231.1	104.4	66.6	0.1	0.3	1.2	8.0	2.1	17.6	31.0	0.0	0.0	0.0
08	89.0	52.0	70.5	2.9	1.9	2.3	481.2	420.0	329.7	187.4	73.2	42.8	0.8	1.6	4.3	17.0	0.8	14.5	31.0	0.0	0.0	0.0
09	80.2	43.1	61.6	3.4	2.8	2.8	230.5	183.9	122.0	48.5	12.4	5.5	31.1	44.4	72.5	149.1	0.1	4.4	29.6	0.0	1.6	0.0
10	65.6	32.0	48.8	4.5	2.7	3.3	41.1	26.1	11.8	2.1	0.2	0.0	233.2	280.2	358.9	504.2	0.0	0.1	27.5	0.5	12.3	0.2
11	52.4	23.7	38.0	5.4	3.7	4.4	5.6	2.7	0.7	0.0	0.0	0.0	514.1	571.2	659.2	808.5	0.0	0.0	17.2	2.5	21.4	1.1
12	42.8	16.2	29.5	3.4	3.7	3.3	0.4	0.1	0.0	0.0	0.0	0.0	790.6	852.4	945.3	1100.3	0.0	0.0	8.9	6.6	26.5	3.0
Summary	65.0	33.0	49.0	4.1	3.0	3.4	1735	1453	1075	565	217	129	3893	4341	5058	6373	3.6	43.8	271.5	21.0	153.0	10.2

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 4638 ft. Lat: 42.1106° N Lon: 104.9492° W
Station: **WHEATLAND 4 N, WY US USC00489615**

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

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	0.28	2.7	1.0	0.1	0.0	0.06	0.24	0.36	
02	0.42	3.4	1.6	0.1	0.0	0.11	0.31	0.66	
03	0.74	3.6	2.1	0.3	0.1	0.20	0.44	1.27	
04	1.70	5.7	4.0	1.2	0.3	0.64	1.51	2.29	
05	2.70	7.8	5.6	1.5	0.8	1.59	2.21	2.91	
06	2.12	7.5	4.7	1.5	0.3	0.79	2.01	3.04	
07	1.73	6.3	4.1	0.8	0.2	1.22	1.44	2.12	
08	1.17	5.8	2.9	0.7	0.3	0.47	1.03	1.66	
09	1.29	5.4	2.9	0.7	0.1	0.35	0.88	1.59	
10	1.14	4.3	2.9	0.7	0.2	0.43	1.04	1.72	
11	0.45	3.0	1.9	0.1	0.0	0.29	0.44	0.57	
12	0.39	2.8	1.4	0.1	0.0	0.12	0.29	0.56	
Summary	14.13	58.3	35.1	7.8	2.3	6.27	11.84	18.75	

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 4638 ft. Lat: 42.1106° N Lon: 104.9492° W
Station: **WHEATLAND 4 N, WY US USC00489615**

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

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	4.60	2.7	1.9	0.6	0.2	0.0	4.4	2.0	0.5	0.1	1.20	4.00	5.90
02	7.80	3.2	2.7	0.9	0.3	0.1	5.0	2.7	1.4	0.3	3.00	7.80	10.70
03	7.40	2.8	2.3	0.9	0.3	0.1	3.1	1.4	0.5	0.1	2.10	4.00	11.30
04	5.40	2.0	1.7	0.8	0.3	0.1	1.4	0.6	0.3	0.1	1.00	3.00	8.00
05	1.40	0.6	0.6	0.2	0.1	0.0	0.4	0.1	0.1	0.0	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	0.10	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	3.20	1.1	0.9	0.4	0.2	0.0	1.0	0.4	0.2	0.1	0.00	1.20	4.00
11	4.30	2.4	1.9	0.6	0.1	0.0	2.9	0.9	0.3	0.0	1.20	4.00	6.00
12	5.70	3.1	2.6	0.7	0.3	0.0	5.2	2.6	1.2	0.0	2.60	5.10	8.20
Summary	39.9	18.1	14.7	5.1	1.8	0.3	23.4	10.7	4.5	0.7	11.1	29.1	56.1

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 4638 ft. Lat: 42.1106° N Lon: 104.9492° W
Station: **WHEATLAND 4 N, WY US USC00489615**

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	25.7	31.0	123.0	223.1	473.0	760.4	997.9	945.3	650.4	304.8	109.2	30.0
45	6.9	11.1	58.2	120.3	328.6	610.6	842.9	790.3	503.0	186.1	51.7	9.8
50	1.2	3.0	22.2	51.9	201.6	461.6	688.0	635.6	360.2	97.9	19.9	2.5
55	0.2	0.5	5.8	16.5	102.8	317.3	533.0	481.2	230.5	41.1	5.6	0.4
60	0.0	0.1	1.1	3.9	39.6	186.8	379.2	329.7	122.0	11.8	0.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	24.6	37.6	129.3	198.8	329.2	480.7	612.2	587.2	444.7	254.4	100.1	27.9

Growing Degree Units (Accumulated Monthly)												
40	26	57	180	403	876	1636	2634	3579	4230	4535	4644	4674
45	7	18	76	196	525	1136	1979	2769	3272	3458	3510	3519
50	1	4	26	78	280	742	1430	2065	2425	2523	2543	2546
55	0	1	6	23	126	443	976	1457	1688	1729	1734	1735
60	0	0	1	5	45	232	611	940	1062	1074	1075	1075
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	25	62	192	390	720	1200	1812	2400	2844	3099	3199	3227

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.