

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4955 ft. Lat: 43.0306° N Lon: 108.3744° W
Station: RIVERTON, WY US USC00487760
Generated on 05/20/2024

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	4.2	16.4	6.5	5.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1194.9	1257.0	1350.0	1505.0	0.0	0.0	1.7	17.4	31.0	11.6
02	35.5	9.6	22.5	6.7	6.1	6.3	0.0	0.0	0.0	0.0	0.0	0.0	908.4	964.5	1048.5	1188.5	0.0	0.0	4.5	9.9	28.0	6.3
03	49.2	22.2	35.7	4.4	3.4	3.8	0.7	0.2	0.0	0.0	0.0	0.0	599.3	660.7	753.5	908.5	0.0	0.0	18.3	2.5	28.2	1.1
04	58.0	30.5	44.2	3.4	2.6	2.7	10.8	5.8	2.3	0.4	0.0	0.0	333.3	388.3	474.7	622.8	0.0	0.0	23.7	0.6	18.8	0.0
05	67.4	40.3	53.8	4.4	2.2	3.1	92.1	66.2	36.0	8.9	0.9	0.3	127.8	163.9	226.7	354.6	0.0	0.3	28.6	0.0	4.1	0.0
06	78.9	48.5	63.7	4.5	2.1	3.1	277.8	227.4	158.2	68.6	18.5	8.6	16.8	26.4	47.2	107.6	0.0	5.3	29.8	0.0	0.0	0.0
07	87.9	54.8	71.3	3.3	2.4	2.8	507.1	445.8	355.2	212.4	90.2	54.0	0.6	1.1	3.5	15.8	0.8	17.3	31.0	0.0	0.0	0.0
08	85.7	52.2	69.0	2.7	1.9	2.2	435.0	375.1	287.3	152.7	54.2	29.4	2.8	4.8	10.0	30.4	0.1	12.9	31.0	0.0	0.1	0.0
09	74.4	42.5	58.4	3.0	2.5	2.3	163.0	123.8	75.1	23.5	3.7	1.0	59.5	80.4	121.6	220.0	0.0	1.7	29.2	0.0	2.8	0.0
10	59.2	30.4	44.8	4.6	2.9	3.5	16.6	9.0	3.5	0.6	0.0	0.0	332.9	387.2	474.7	626.8	0.0	0.0	25.8	0.8	19.7	0.1
11	42.7	17.1	29.9	6.2	3.6	4.8	0.1	0.0	0.0	0.0	0.0	0.0	753.1	813.0	903.0	1053.0	0.0	0.0	10.7	5.5	28.9	2.3
12	29.6	5.7	17.6	5.2	4.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1157.5	1219.6	1312.6	1467.6	0.0	0.0	2.0	17.5	31.0	10.0
Summary	58.1	29.8	43.9	4.6	3.3	3.8	1503	1253	918	467	168	93	5487	5967	6726	8101	0.9	37.5	236.3	54.2	192.6	31.4

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

Current Location: Elev: 4955 ft. Lat: 43.0306° N Lon: 108.3744° W
Station: RIVERTON, WY US USC00487760

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

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	0.35	3.7	1.1	0.1	0.0	0.18	0.25	0.43	
02	0.43	4.2	1.5	0.1	0.0	0.15	0.37	0.52	
03	0.71	4.6	2.0	0.3	0.1	0.25	0.50	0.87	
04	1.31	6.7	3.5	0.7	0.1	0.42	0.99	1.83	
05	1.98	8.8	4.7	1.1	0.3	1.08	1.51	2.79	
06	1.09	5.8	2.7	0.5	0.2	0.42	0.67	1.39	
07	0.70	4.5	2.0	0.3	0.1	0.25	0.41	0.81	
08	0.45	4.6	1.5	0.1	0.0	0.17	0.36	0.69	
09	0.80	5.2	2.3	0.3	0.1	0.33	0.61	1.04	
10	0.93	5.0	2.2	0.6	0.1	0.36	0.58	1.32	
11	0.44	3.8	1.3	0.1	0.0	0.14	0.41	0.55	
12	0.31	4.1	1.1	0.1	0.0	0.13	0.25	0.41	
Summary	9.50	61.0	25.9	4.3	1.0	3.88	6.91	12.65	

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

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 4955 ft. Lat: 43.0306° N Lon: 108.3744° W
Station: RIVERTON, WY US USC00487760

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	5.50	4.2	1.8	0.6	0.2	0.0	22.7	13.1	4.9	1.3	3.40	4.50	6.70
02	7.40	4.9	2.4	1.0	0.1	0.0	16.5	10.9	6.6	2.3	3.10	5.90	9.90
03	6.50	3.8	2.3	0.8	0.2	0.0	6.4	3.1	1.6	0.5	2.00	4.60	9.00
04	7.20	3.4	2.0	0.9	0.5	0.1	2.5	1.1	0.6	0.0	1.60	3.10	10.10
05	2.10	1.3	0.7	0.2	0.1	0.0	0.5	0.2	0.1	0.0	0.00	0.20	2.50
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	0.60	0.3	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
10	4.40	2.0	1.2	0.4	0.3	0.0	2.0	0.8	0.4	0.0	0.10	3.30	6.30
11	5.30	3.6	1.7	0.5	0.2	0.0	7.2	3.0	0.8	0.0	1.70	5.60	7.40
12	5.30	4.6	2.0	0.4	0.1	0.0	17.7	7.7	2.9	0.0	2.90	4.50	7.00
Summary	44.3	28.1	14.3	4.9	1.7	0.1	75.7	39.9	17.9	4.1	14.8	31.7	58.9

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

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4955 ft. Lat: 43.0306° N Lon: 108.3744° W
Station: RIVERTON, WY US USC00487760

Generated on 05/20/2024

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	0.3	4.5	60.5	181.2	436.2	711.2	971.7	897.3	556.9	211.9	26.3	1.0
45	0.0	0.6	20.6	93.0	297.8	562.0	816.7	742.3	413.4	113.5	7.6	0.0
50	0.0	0.1	5.0	36.9	180.2	415.6	661.7	587.8	279.1	50.2	1.2	0.0
55	0.0	0.0	0.7	10.8	92.1	277.8	507.1	435.0	163.0	16.6	0.1	0.0
60	0.0	0.0	0.0	2.3	36.0	158.2	355.2	287.3	75.1	3.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.2	9.6	68.7	143.6	277.7	442.1	611.8	567.4	370.6	170.8	34.7	3.2

Growing Degree Units (Accumulated Monthly)												
40	0	5	65	246	683	1394	2366	3263	3820	4032	4058	4059
45	0	1	21	114	412	974	1791	2533	2946	3060	3068	3068
50	0	0	5	42	222	638	1300	1887	2166	2217	2218	2218
55	0	0	1	12	104	381	888	1324	1486	1503	1503	1503
60	0	0	0	2	38	196	552	839	914	918	918	918
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	11	80	223	501	943	1555	2122	2493	2664	2698	2701

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.