

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 5964 ft. Lat: 42.3353° N Lon: 111.3850° W

Station: **BERN, ID US USC00100803**

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	6.7	17.7	4.1	5.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1156.2	1218.2	1311.2	1466.2	0.0	0.0	0.0	19.9	30.9	8.8
02	32.0	8.6	20.3	4.3	5.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	971.5	1027.5	1111.5	1251.5	0.0	0.0	0.3	13.9	27.6	7.4
03	42.1	18.3	30.2	4.3	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	768.9	830.9	923.9	1078.9	0.0	0.0	6.3	3.7	30.1	1.5
04	53.3	27.0	40.1	4.1	2.3	3.0	1.4	0.4	0.0	0.0	0.0	0.0	446.9	505.9	595.5	745.5	0.0	0.0	19.0	0.3	23.1	0.0
05	64.2	34.4	49.3	4.2	1.5	2.6	25.5	13.0	3.5	0.3	0.0	0.0	202.2	251.8	335.2	487.0	0.0	0.0	28.2	0.0	10.3	0.0
06	74.5	40.3	57.4	4.1	1.4	2.5	127.6	91.8	49.4	10.1	0.9	0.3	55.6	79.8	127.4	238.1	0.0	1.3	29.8	0.0	2.9	0.0
07	84.6	46.2	65.4	4.4	2.8	3.5	327.0	268.8	185.7	71.7	15.3	5.8	4.8	8.6	18.5	59.4	0.1	8.4	31.0	0.0	0.2	0.0
08	83.9	44.6	64.2	2.5	2.0	2.0	292.3	234.5	153.6	52.4	8.2	2.7	5.7	9.8	22.0	75.7	0.0	5.8	31.0	0.0	0.9	0.0
09	73.5	36.5	55.0	3.0	2.6	2.2	88.5	58.9	27.2	4.4	0.3	0.1	88.5	119.0	177.3	304.5	0.0	0.4	29.3	0.0	8.0	0.0
10	58.6	27.0	42.8	3.9	2.8	2.9	4.5	2.0	0.5	0.0	0.0	0.0	382.6	442.2	533.7	688.2	0.0	0.0	24.2	0.3	23.4	0.1
11	42.7	18.5	30.6	4.9	3.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	732.0	792.0	882.0	1032.0	0.0	0.0	8.6	5.2	28.5	1.3
12	30.4	9.4	19.9	3.4	4.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	1087.9	1149.9	1242.9	1397.9	0.0	0.0	0.4	17.5	30.8	7.0
Summary	55.7	26.5	41.1	3.9	3.2	3.3	867	669	420	139	25	9	5903	6436	7281	8825	0.1	15.9	208.1	60.8	216.7	26.1

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

Current Location: Elev: 5964 ft. Lat: 42.3353° N Lon: 111.3850° W
Station: **BERN, ID US USC00100803**

Summary of Monthly Normals
1991-2020
Generated on 05/23/2024

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	1.73	12.1	5.8	0.7	0.0	0.89	1.59	2.35	
02	1.60	11.4	5.5	0.7	0.0	0.95	1.30	1.98	
03	1.48	11.3	5.3	0.3	0.0	1.03	1.38	1.73	
04	1.74	11.7	5.8	0.6	0.0	1.29	1.73	2.23	
05	2.29	11.7	6.6	1.1	0.1	1.50	2.12	2.95	
06	1.28	7.7	4.0	0.4	0.1	0.45	0.97	1.74	
07	0.67	5.4	2.2	0.1	0.1	0.27	0.59	0.96	
08	0.96	6.3	2.6	0.5	0.1	0.40	0.82	1.18	
09	1.35	6.9	3.4	0.7	0.1	0.67	0.98	2.01	
10	1.70	8.6	4.9	0.7	0.1	1.12	1.50	2.02	
11	1.38	9.9	4.4	0.5	0.0	0.91	1.39	1.80	
12	1.71	12.7	5.3	0.6	0.0	0.84	1.39	2.23	
Summary	17.89	115.7	55.8	6.9	0.6	10.32	15.76	23.18	

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

Current Location: Elev: 5964 ft. Lat: 42.3353° N Lon: 111.3850° W
Station: **BERN, ID US USC00100803**

Summary of Monthly Normals
1991-2020
Generated on 05/23/2024

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	23.30	11.2	8.5	3.0	1.1	0.3	30.5	30.2	28.9	20.9	9.50	22.00	33.30
02	19.00	9.6	6.3	2.3	1.0	0.1	27.3	26.9	26.1	23.9	11.00	17.00	28.00
03	9.20	6.2	4.1	1.0	0.2	0.0	24.9	23.6	21.7	16.8	6.00	7.50	11.00
04	4.90	3.4	2.2	0.4	0.1	0.0	5.1	3.7	2.9	1.3	1.50	4.00	6.50
05	1.30	0.8	0.4	0.1	0.1	0.0	0.3	0.1	0.0	0.0	0.00	0.30	2.00
06	0.10	0.1	0.1	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	2.90	1.8	1.2	0.3	0.1	0.0	1.3	0.3	0.2	0.0	0.50	1.20	4.10
11	9.20	6.1	4.1	1.0	0.3	0.0	8.0	4.4	2.6	0.6	6.00	9.00	11.20
12	20.60	11.0	7.3	2.4	1.0	0.1	24.9	20.7	17.1	7.0	12.00	17.30	28.30
Summary	90.6	50.3	34.3	10.5	3.9	0.5	122.3	109.9	99.5	70.5	46.5	78.3	124.4

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

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 5964 ft. Lat: 42.3353° N Lon: 111.3850° W
Station: **BERN, ID US USC00100803**

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	0.2	11.1	93.3	299.4	522.4	787.2	751.6	453.4	150.4	18.9	0.3
45	0.0	0.0	1.9	34.9	174.3	376.6	632.2	596.7	313.4	67.9	3.6	0.0
50	0.0	0.0	0.1	8.8	81.3	241.1	477.9	442.8	187.5	23.0	0.3	0.0
55	0.0	0.0	0.0	1.4	25.5	127.6	327.0	292.3	88.5	4.5	0.0	0.0
60	0.0	0.0	0.0	0.0	3.5	49.4	185.7	153.6	27.2	0.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.4	15.9	90.3	226.6	364.6	518.2	509.6	353.8	159.1	29.7	0.5

Growing Degree Units (Accumulated Monthly)												
40	0	0	11	105	404	926	1714	2465	2919	3069	3088	3088
45	0	0	2	37	211	588	1220	1817	2130	2198	2202	2202
50	0	0	0	9	90	331	809	1252	1440	1462	1463	1463
55	0	0	0	1	27	154	482	774	862	867	867	867
60	0	0	0	0	4	53	239	392	419	420	420	420
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	16	107	333	698	1216	1726	2079	2238	2268	2269

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.