

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 2075 ft. Lat: 48.6928° N Lon: 116.3103° W
Station: **BONNERS FERRY, ID US USC00101079**

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	33.7	23.7	28.7	3.3	4.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	815.3	877.3	970.3	1125.3	0.0	0.0	0.2	11.4	27.8	1.3
02	38.6	24.6	31.6	4.4	4.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	655.1	711.1	795.1	935.2	0.0	0.0	1.5	5.3	24.3	0.7
03	48.4	29.7	39.0	3.5	2.1	2.4	0.1	0.0	0.0	0.0	0.0	0.0	494.6	556.5	649.5	804.5	0.0	0.0	13.7	0.9	21.7	0.1
04	59.2	35.5	47.3	3.6	2.0	2.4	10.5	5.8	1.6	0.0	0.0	0.0	240.0	295.3	381.1	529.5	0.0	0.0	26.2	0.0	11.1	0.0
05	69.4	43.1	56.3	3.5	2.3	2.6	102.1	70.7	36.1	7.6	0.4	0.1	63.4	94.0	152.5	278.9	0.0	0.4	30.9	0.0	2.2	0.0
06	74.6	49.2	61.9	3.0	1.7	2.2	216.3	165.5	102.0	36.5	9.4	4.8	9.3	18.5	45.0	129.5	0.0	1.4	30.0	0.0	0.1	0.0
07	84.8	53.2	69.0	4.1	2.8	3.0	435.0	374.1	285.6	154.7	59.3	34.9	1.1	2.3	6.7	30.8	0.3	9.6	31.0	0.0	0.1	0.0
08	84.7	52.0	68.3	2.4	2.4	2.0	414.7	353.8	265.3	136.8	47.3	26.3	0.9	2.1	6.5	33.0	0.3	9.0	31.0	0.0	0.0	0.0
09	73.3	44.5	58.9	3.2	2.5	2.2	151.3	111.7	64.5	19.1	3.2	1.2	34.4	54.8	97.7	202.2	0.0	1.0	29.9	0.0	1.3	0.0
10	56.3	35.6	45.9	2.9	3.1	2.5	10.0	5.3	1.2	0.0	0.0	0.0	290.5	347.8	436.7	590.5	0.0	0.0	25.4	0.3	11.0	0.0
11	41.5	29.7	35.6	2.7	3.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	582.0	642.0	732.0	882.0	0.0	0.0	4.2	3.3	19.7	0.2
12	33.1	23.8	28.5	3.2	4.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	822.9	884.9	977.9	1133.0	0.0	0.0	0.2	12.7	27.6	0.7
Summary	58.1	37.1	47.6	3.3	2.9	2.8	1340	1087	756	355	120	67	4010	4487	5251	6674	0.6	21.4	224.2	33.9	146.9	3.0

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	2.63	12.9	8.1	1.3	0.2	1.53	2.31	3.34	
02	1.83	8.5	4.6	0.8	0.2	0.95	1.44	2.49	
03	2.01	10.7	6.1	0.7	0.1	1.03	1.48	2.58	
04	1.26	9.4	4.5	0.5	0.0	0.75	1.19	1.88	
05	1.78	9.7	4.6	0.7	0.2	1.23	1.67	2.08	
06	1.92	10.2	4.6	0.9	0.2	1.28	1.78	2.33	
07	0.64	5.6	2.1	0.2	0.0	0.19	0.39	0.92	
08	0.53	4.3	1.9	0.3	0.0	0.24	0.46	0.76	
09	1.02	6.7	3.1	0.2	0.0	0.50	0.84	1.19	
10	1.73	10.1	5.3	0.9	0.1	0.73	1.56	2.21	
11	2.55	13.0	7.4	1.2	0.2	1.78	2.35	3.50	
12	3.17	12.9	7.9	1.9	0.4	2.03	3.08	3.96	
Summary	21.07	114.0	60.2	9.6	1.6	12.24	18.55	27.24	

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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	15.00	7.8	5.3	2.0	0.8	0.0	24.7	20.7	18.3	9.4	9.40	11.90	20.60
02	10.80	3.8	2.6	0.9	0.5	0.1	14.3	11.3	9.4	6.8	2.40	7.80	11.40
03	3.70	1.9	1.4	0.4	0.2	0.0	5.7	4.7	3.9	2.2	0.30	1.10	5.50
04	0.40	0.3	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
05	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
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	0.20	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	6.40	2.9	1.8	0.7	0.3	0.0	3.9	1.8	1.4	0.6	0.50	3.20	9.80
12	17.30	8.4	5.7	2.4	1.1	0.1	17.5	12.0	9.8	4.6	7.40	16.00	22.50
Summary	53.8	25.2	17.1	6.5	2.9	0.2	66.2	50.6	42.8	23.6	20.0	40.0	69.8

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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	2.3	7.2	59.2	227.8	503.6	657.1	898.7	878.6	567.2	207.4	33.7	1.9
45	0.1	0.7	12.7	108.8	350.8	507.1	743.8	723.7	418.5	98.1	7.8	0.1
50	0.0	0.0	1.4	38.3	210.7	357.9	588.9	568.8	275.3	36.2	0.8	0.0
55	0.0	0.0	0.1	10.5	102.1	216.3	435.0	414.7	151.3	10.0	0.0	0.0
60	0.0	0.0	0.0	1.6	36.1	102.0	285.6	265.3	64.5	1.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	2.5	37.7	146.5	305.6	390.2	561.7	553.7	356.3	115.9	7.5	0.2

Growing Degree Units (Accumulated Monthly)												
40	2	10	69	296	800	1457	2356	3234	3802	4009	4043	4045
45	0	1	14	122	473	980	1724	2448	2866	2964	2972	2972
50	0	0	1	40	250	608	1197	1766	2041	2077	2078	2078
55	0	0	0	11	113	329	764	1179	1330	1340	1340	1340
60	0	0	0	2	38	140	425	691	755	756	756	756
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	3	40	187	492	883	1444	1998	2354	2470	2478	2478

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