

Summary of Monthly Normals
1981-2010

Generated on 04/18/2024

Current Location: Elev: 4154 ft. Lat: 42.5416° N Lon: 113.7661° W
Station: **BURLEY MUNICIPAL AIRPORT, ID US USW00024133**

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	34.7	18.8	26.8	5.2	5.3	5.1	0	0	0	0	0	0	876	938	1031	1186	0.0	0.0	1.3	11.7	28.9	1.7
02	40.0	21.7	30.9	6.0	4.6	5.1	0	0	0	0	0	0	676	732	816	956	0.0	0.0	4.9	5.6	24.9	1.1
03	50.3	28.3	39.3	4.5	2.4	3.3	1	-7777	-7777	0	0	0	487	549	642	797	0.0	0.0	16.0	0.8	22.3	-7777
04	58.4	33.7	46.1	4.1	2.5	3.1	14	9	3	-7777	-7777	0	283	337	422	569	0.0	0.0	23.2	0.0	12.1	0.0
05	67.2	41.1	54.1	3.9	2.2	2.9	88	62	33	6	-7777	-7777	115	151	214	343	0.0	0.1	29.6	0.0	2.5	0.0
06	76.3	47.9	62.1	3.7	1.8	2.5	233	186	122	47	11	5	20	33	59	134	0.0	1.9	29.9	0.0	0.1	0.0
07	85.3	53.6	69.5	4.4	2.2	3.1	448	387	297	160	57	32	1	1	5	22	0.3	8.9	31.0	0.0	0.0	0.0
08	84.6	51.6	68.1	3.0	2.0	2.3	407	347	260	131	43	22	1	3	9	35	0.2	7.7	31.0	0.0	0.0	0.0
09	74.2	43.0	58.6	4.2	2.4	3.0	156	117	70	21	3	1	48	69	112	213	0.0	1.1	29.5	0.0	1.7	0.0
10	60.9	34.4	47.7	3.8	1.9	2.7	21	11	4	-7777	-7777	0	249	301	387	538	0.0	0.0	25.7	0.1	11.4	0.0
11	45.6	25.7	35.7	5.2	3.5	4.2	-7777	-7777	-7777	0	0	0	581	641	730	880	0.0	0.0	9.7	3.1	23.3	0.2
12	34.7	18.4	26.6	4.7	5.1	4.7	0	0	0	0	0	0	882	944	1037	1192	0.0	0.0	1.2	11.2	28.6	2.0
Summary	59.4	34.8	47.1	4.4	3.0	3.5	1368	1119	789	365	114	60	4219	4699	5464	6865	0.5	19.7	233.0	32.5	155.8	5.0

-7777: a non-zero value that would round to zero
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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	0.91	9.3	3.3	0.2	0.0	0.41	0.66	1.26
02	0.77	7.2	2.4	0.1	-7777	0.24	0.52	1.03
03	1.03	8.2	3.2	0.3	-7777	0.58	0.76	1.50
04	1.09	8.9	3.8	0.2	0.0	0.59	1.10	1.50
05	1.39	8.4	3.7	0.7	0.1	0.77	1.10	1.56
06	0.87	5.8	2.5	0.4	0.0	0.35	0.65	1.00
07	0.30	3.1	1.0	0.1	0.0	0.05	0.22	0.50
08	0.40	4.2	1.0	0.2	0.0	0.09	0.15	0.82
09	0.55	3.8	1.8	0.2	0.0	0.19	0.45	0.65
10	0.76	5.7	2.7	0.3	-7777	0.36	0.71	1.07
11	0.94	8.2	3.5	0.1	-7777	0.40	0.96	1.20
12	1.13	9.2	3.7	0.3	0.0	0.50	0.76	1.26
Summary	10.14	82.0	32.6	3.1	0.1	4.53	8.04	13.35

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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	6.2	5.7	2.4	0.5	0.2	0.0	13.2	7.9	4.5	0.7	2.5	4.3	9.5
02	4.3	3.6	1.8	0.3	0.2	0.0	8.3	4.5	2.3	0.3	0.6	3.0	9.0
03	1.7	1.2	0.6	0.1	0.1	0.0	2.0	0.9	0.5	0.1	0.0	0.5	2.4
04	0.8	0.9	0.4	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.6
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.3	0.5	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
11	3.0	3.0	1.3	0.2	0.0	0.0	2.4	1.0	0.8	0.0	1.0	1.9	4.3
12	6.7	4.9	2.5	0.5	0.2	0.1	10.9	5.8	1.8	0.4	1.0	4.1	10.9
Summary	23.0	19.8	9.2	1.6	0.7	0.1	37.2	20.2	9.9	1.5	5.1	13.8	36.8

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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	4	14	79	206	440	663	913	871	558	260	50	5
45	-7777	2	26	108	296	514	758	716	413	145	17	1
50	-7777	-7777	5	45	176	368	603	561	275	64	3	-7777
55	0	0	1	14	88	233	448	407	156	21	-7777	0
60	0	0	-7777	3	33	122	297	260	70	4	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	2	12	63	143	271	407	575	550	366	184	37	2
Growing Degree Units (Accumulated Monthly)												
40	4	18	97	303	743	1406	2319	3190	3748	4008	4058	4063
45	0	2	28	136	432	946	1704	2420	2833	2978	2995	2996
50	0	0	5	50	226	594	1197	1758	2033	2097	2100	2100
55	0	0	1	15	103	336	784	1191	1347	1368	1368	1368
60	0	0	0	3	36	158	455	715	785	789	789	789
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	14	77	220	491	898	1473	2023	2389	2573	2610	2612

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