

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 4240 ft. Lat: 41.5242° N Lon: 112.0436° W
Station: **BRIGHAM CITY WASTE PLT, UT US USC00420928**

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	36.4	18.1	27.2	5.5	6.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	860.1	922.1	1015.1	1170.1	0.0	0.0	1.2	8.9	29.4	2.1
02	42.5	22.4	32.4	4.4	5.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	631.3	687.3	771.3	911.3	0.0	0.0	5.9	3.3	24.5	0.7
03	54.0	30.7	42.3	3.4	2.3	2.6	2.0	0.8	0.1	0.0	0.0	0.0	394.3	455.1	547.4	702.3	0.0	0.0	20.9	0.2	19.5	0.0
04	61.5	36.0	48.8	3.3	2.2	2.5	22.3	13.0	5.1	0.8	0.0	0.0	209.8	260.5	342.5	488.2	0.0	0.0	26.9	0.0	9.4	0.0
05	71.3	43.8	57.5	3.8	1.8	2.5	139.7	103.7	60.9	17.2	3.2	1.5	60.7	86.7	136.9	248.2	0.0	0.3	30.6	0.0	2.1	0.0
06	81.9	50.4	66.2	3.9	2.1	2.7	341.5	286.7	209.9	102.6	33.8	18.1	7.0	12.2	25.3	68.1	0.0	5.9	30.0	0.0	0.1	0.0
07	91.0	57.5	74.3	3.0	3.1	2.9	596.6	534.7	442.3	291.0	151.3	103.0	0.1	0.2	0.7	4.5	0.8	20.0	31.0	0.0	0.0	0.0
08	89.2	55.7	72.4	2.2	2.0	1.8	541.0	479.3	387.4	238.9	109.2	69.0	0.2	0.5	1.6	8.1	0.2	16.7	31.0	0.0	0.0	0.0
09	79.2	46.4	62.8	2.4	2.8	2.1	252.8	202.5	134.6	51.6	12.0	5.3	18.8	28.6	50.7	117.6	0.0	1.9	30.0	0.0	0.9	0.0
10	64.8	35.9	50.3	3.5	3.0	2.8	37.3	22.7	8.9	1.0	0.0	0.0	181.4	228.8	308.0	455.1	0.0	0.0	28.9	0.1	11.0	0.0
11	49.6	26.9	38.3	4.6	3.1	3.5	0.9	0.4	0.0	0.0	0.0	0.0	503.4	562.8	652.5	802.5	0.0	0.0	14.5	1.2	23.9	0.1
12	37.6	19.8	28.7	3.6	4.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	815.1	877.1	970.1	1125.1	0.0	0.0	2.4	8.1	28.5	0.8
Summary	63.3	37.0	50.1	3.6	3.1	3.1	1934	1644	1249	703	310	197	3682	4122	4822	6101	1.0	44.8	253.3	21.8	149.3	3.7

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	1.53	8.6	5.2	0.6	0.0	0.77	1.34	2.15
02	1.23	7.7	4.1	0.4	0.0	0.64	1.18	1.75
03	1.54	7.6	4.5	0.8	0.1	0.84	1.46	2.17
04	1.69	8.3	4.3	1.0	0.1	1.22	1.72	2.18
05	2.04	8.6	4.9	1.3	0.3	0.87	1.51	2.88
06	1.13	4.0	2.3	0.9	0.2	0.15	0.81	1.48
07	0.39	2.3	0.9	0.3	0.1	0.01	0.15	0.47
08	0.61	3.2	1.4	0.2	0.1	0.08	0.55	0.74
09	1.27	5.0	3.0	0.8	0.2	0.63	1.03	1.69
10	1.60	6.1	3.4	1.0	0.3	1.10	1.47	2.36
11	1.07	6.5	3.3	0.4	0.0	0.73	0.96	1.35
12	1.39	7.9	4.2	0.6	0.0	0.69	1.27	1.96
Summary	15.49	75.8	41.5	8.3	1.4	7.73	13.45	21.18

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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	12.20	5.3	4.5	1.5	0.7	0.1	20.6	13.5	10.2	3.1	7.00	10.30	16.10
02	7.50	3.4	2.8	1.0	0.3	0.0	14.3	10.4	6.8	2.7	3.60	6.30	9.40
03	4.20	1.7	1.2	0.5	0.1	0.0	2.5	1.0	0.8	0.3	0.20	2.80	4.10
04	1.20	0.6	0.5	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	2.00
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	0.50	0.3	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	1.00
11	4.10	1.3	1.1	0.4	0.1	0.0	1.5	0.8	0.6	0.2	0.00	2.00	4.00
12	8.60	4.2	3.4	1.3	0.4	0.0	12.4	8.6	3.0	0.0	1.50	7.00	15.50
Summary	38.3	16.8	13.8	4.8	1.6	0.1	51.8	34.4	21.4	6.3	12.3	28.4	52.1

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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	4.1	20.6	129.6	272.2	544.3	784.5	1061.6	1005.8	684.0	331.8	71.6	8.0
45	0.6	4.5	51.0	152.8	393.2	634.6	906.7	850.9	534.8	200.7	24.3	1.1
50	0.1	0.7	13.3	67.9	253.1	485.7	751.6	695.8	389.5	98.1	5.2	0.0
55	0.0	0.0	2.0	22.3	139.7	341.5	596.6	541.0	252.8	37.3	0.9	0.0
60	0.0	0.0	0.1	5.1	60.9	209.9	442.3	387.4	134.6	8.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.8	13.8	93.6	179.4	340.3	496.8	668.3	639.2	451.3	235.6	57.0	4.3

Growing Degree Units (Accumulated Monthly)												
40	4	25	154	426	971	1755	2817	3823	4507	4838	4910	4918
45	1	5	56	209	602	1237	2143	2994	3529	3730	3754	3755
50	0	1	14	82	335	821	1572	2268	2658	2756	2761	2761
55	0	0	2	24	164	506	1102	1643	1896	1933	1934	1934
60	0	0	0	5	66	276	718	1106	1240	1249	1249	1249
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	16	109	289	629	1126	1794	2433	2884	3120	3177	3181

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