

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 4790 ft. Lat: 41.7456° N Lon: 111.8033° W
Station: **LOGAN UTAH ST UNIV, UT US USC00425186**

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	32.2	17.6	24.9	5.1	5.4	5.2	0.0	0.0	0.0	0.0	0.0	0.0	933.0	995.0	1088.0	1243.0	0.0	0.0	0.7	14.3	29.4	2.2
02	36.9	21.1	29.0	4.5	5.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	727.8	783.8	867.8	1007.9	0.0	0.0	3.1	8.1	24.3	0.3
03	48.2	29.8	39.0	3.7	2.9	3.3	1.0	0.3	0.0	0.0	0.0	0.0	497.2	558.5	651.2	806.1	0.0	0.0	14.5	1.4	18.7	0.0
04	56.5	36.0	46.3	3.5	2.6	2.9	17.0	10.0	4.1	0.5	0.0	0.0	279.4	332.4	416.5	562.9	0.0	0.0	22.6	0.0	9.1	0.0
05	66.8	44.4	55.6	4.1	2.5	3.2	117.1	87.1	51.3	14.7	2.1	0.9	98.6	130.6	187.8	306.1	0.0	0.2	29.2	0.0	1.0	0.0
06	77.9	51.9	64.9	4.1	2.3	3.1	312.6	261.1	190.3	94.4	32.1	17.5	15.6	24.0	43.3	97.4	0.0	2.9	29.9	0.0	0.0	0.0
07	88.2	60.2	74.2	3.6	3.0	3.2	595.3	533.7	441.9	292.8	156.6	110.0	0.4	0.9	2.0	7.9	0.3	15.7	31.0	0.0	0.0	0.0
08	86.6	58.9	72.8	2.4	2.2	2.2	550.5	489.1	398.2	251.5	121.8	79.8	0.4	1.1	3.1	11.4	0.1	12.3	31.0	0.0	0.0	0.0
09	75.6	50.0	62.8	3.0	2.3	2.3	262.4	213.7	148.5	63.6	15.7	7.2	28.5	39.8	64.6	129.6	0.0	1.0	29.4	0.0	0.2	0.0
10	60.7	38.7	49.7	3.6	2.9	3.1	45.6	30.5	14.6	1.9	0.1	0.0	209.8	256.7	333.9	476.2	0.0	0.0	26.3	0.2	5.4	0.0
11	45.3	28.5	36.9	4.7	3.7	4.1	1.3	0.5	0.1	0.0	0.0	0.0	544.3	603.5	693.1	843.0	0.0	0.0	10.5	2.7	19.6	0.2
12	33.6	18.9	26.3	3.6	4.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	890.9	952.9	1045.9	1201.0	0.0	0.0	1.8	14.0	28.5	0.9
Summary	59.0	38.0	48.5	3.8	3.2	3.4	1903	1626	1249	719	328	215	4226	4679	5397	6692	0.4	32.1	230.0	40.7	136.2	3.6

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	1.83	10.5	5.3	1.1	0.2	0.87	1.33	2.39	
02	1.61	9.8	5.2	0.8	0.0	0.88	1.50	2.12	
03	2.17	9.4	5.8	1.3	0.2	1.21	2.25	3.15	
04	2.26	10.4	6.5	1.1	0.2	1.60	2.22	2.75	
05	2.41	11.3	6.5	1.6	0.1	1.36	2.30	3.07	
06	1.27	5.8	3.5	0.8	0.1	0.45	0.97	1.74	
07	0.57	4.0	1.7	0.2	0.1	0.11	0.35	0.80	
08	0.71	5.3	2.1	0.3	0.1	0.14	0.47	1.08	
09	1.34	5.7	3.2	0.8	0.3	0.50	1.08	1.81	
10	1.83	7.9	4.3	1.0	0.4	0.94	1.79	2.58	
11	1.38	8.1	4.0	0.5	0.0	0.98	1.31	1.77	
12	1.59	10.9	5.1	0.5	0.0	1.01	1.30	2.09	
Summary	18.97	99.1	53.2	10.0	1.7	10.05	16.87	25.35	

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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	12.90	8.6	4.7	1.3	0.6	0.1	24.3	20.3	16.0	4.5	6.70	12.10	17.20
02	12.20	6.4	4.0	1.7	0.8	0.0	19.1	15.8	12.3	3.8	9.90	12.80	15.40
03	8.50	4.1	2.6	1.1	0.5	0.0	7.4	4.7	2.6	0.3	3.00	5.60	11.00
04	4.10	1.9	1.3	0.6	0.1	0.0	1.6	0.8	0.3	0.0	1.20	2.50	6.50
05	0.30	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.10
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	1.40	0.7	0.5	0.2	0.1	0.0	0.8	0.2	0.1	0.0	0.00	0.00	2.30
11	6.30	3.8	2.0	0.6	0.2	0.0	5.2	2.0	0.8	0.2	1.70	3.60	8.80
12	15.80	8.5	4.5	1.7	0.7	0.0	20.2	12.7	6.5	0.8	9.90	14.40	20.50
Summary	61.5	34.3	19.7	7.2	3.0	0.1	78.8	56.5	38.6	9.6	32.4	51.0	81.8

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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	2.5	11.4	89.3	217.4	485.9	747.0	1060.0	1015.1	684.4	322.2	72.9	7.4
45	0.5	2.3	35.8	118.1	341.0	597.5	905.0	860.1	537.0	198.8	28.7	1.7
50	0.1	0.4	10.1	51.4	214.8	451.2	749.9	705.1	394.8	104.1	7.6	0.1
55	0.0	0.0	1.0	17.0	117.1	312.6	595.3	550.5	262.4	45.6	1.3	0.0
60	0.0	0.0	0.0	4.1	51.3	190.3	441.9	398.2	148.5	14.6	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.7	4.9	49.8	122.5	276.4	463.8	692.0	664.9	424.3	184.4	37.1	2.3

Growing Degree Units (Accumulated Monthly)												
40	2	14	103	321	806	1554	2614	3629	4313	4635	4708	4715
45	0	3	39	157	498	1095	2000	2860	3397	3596	3625	3626
50	0	0	11	62	277	728	1478	2183	2578	2682	2690	2690
55	0	0	1	18	135	448	1043	1594	1856	1902	1903	1903
60	0	0	0	4	55	246	688	1086	1234	1249	1249	1249
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	55	178	454	918	1610	2275	2699	2884	2921	2923

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