

Summary of Monthly Normals
1991-2020

Current Location: Elev: 6290 ft. Lat: 41.6608° N Lon: 111.1869° W
Station: **RANDOLPH, UT US USC00427165**

Generated on 05/20/2024

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	27.7	4.1	15.9	5.4	6.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1212.1	1274.1	1367.1	1522.1	0.0	0.0	0.2	19.7	30.9	14.2
02	31.6	6.5	19.1	5.3	7.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1006.4	1062.4	1146.4	1286.5	0.0	0.0	0.6	13.9	27.7	10.9
03	42.4	18.0	30.2	4.4	4.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	768.9	830.9	923.9	1078.9	0.0	0.0	7.6	4.4	30.7	3.0
04	52.0	25.2	38.6	3.5	1.9	2.4	0.3	0.1	0.0	0.0	0.0	0.0	492.3	552.1	642.0	792.0	0.0	0.0	18.0	0.5	27.3	0.1
05	61.8	33.0	47.4	3.8	1.6	2.5	15.5	7.7	2.2	0.3	0.0	0.0	251.1	305.3	392.8	545.9	0.0	0.0	27.2	0.0	17.6	0.0
06	72.7	39.8	56.3	3.4	1.6	2.1	102.8	68.2	30.6	4.5	0.4	0.1	65.3	90.8	143.1	267.0	0.0	0.2	29.4	0.0	5.7	0.0
07	81.6	45.6	63.6	3.4	2.0	2.5	272.0	214.4	135.1	40.7	5.0	1.2	5.6	9.9	23.7	84.2	0.0	2.8	31.0	0.0	1.1	0.0
08	80.3	43.0	61.7	2.5	1.8	1.7	217.8	164.2	93.6	21.7	1.8	0.4	11.8	20.1	42.5	125.6	0.0	1.0	31.0	0.0	2.6	0.0
09	71.0	34.1	52.5	2.7	3.1	2.2	53.2	32.4	12.5	1.3	0.0	0.0	126.8	166.0	236.0	374.8	0.0	0.0	28.8	0.0	15.7	0.0
10	57.5	24.2	40.8	3.5	3.2	2.8	2.1	0.9	0.1	0.0	0.0	0.0	440.7	501.5	593.8	748.6	0.0	0.0	23.5	0.6	27.4	0.3
11	41.9	15.8	28.8	5.0	3.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	784.6	844.6	934.6	1084.6	0.0	0.0	8.0	5.8	29.4	2.4
12	29.0	6.3	17.7	4.3	4.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1157.6	1219.6	1312.6	1467.7	0.0	0.0	0.6	19.1	30.9	13.3
Summary	54.1	24.6	39.4	3.9	3.4	3.4	664	488	274	68	7	2	6323	6877	7758	9378	0.0	4.0	205.9	64.0	247.0	44.2

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	1.17	8.5	3.5	0.3	0.0	0.46	0.84	1.72	
02	1.05	9.0	3.5	0.3	0.0	0.54	0.96	1.38	
03	1.07	8.7	3.7	0.2	0.0	0.63	0.87	1.37	
04	1.34	8.9	4.0	0.5	0.1	0.63	1.22	1.70	
05	1.87	9.5	5.2	0.8	0.1	1.18	1.82	2.48	
06	1.15	6.1	3.6	0.5	0.1	0.47	0.82	1.57	
07	0.83	5.5	2.4	0.4	0.0	0.29	0.79	1.22	
08	1.21	6.5	3.4	0.6	0.0	0.62	1.24	1.72	
09	1.29	6.2	3.6	0.6	0.2	0.48	0.82	1.81	
10	1.25	7.4	3.5	0.6	0.1	0.72	1.10	1.72	
11	1.11	7.8	3.5	0.4	0.0	0.66	1.09	1.41	
12	1.02	9.8	3.7	0.1	0.0	0.63	0.85	1.33	
Summary	14.36	93.9	43.6	5.3	0.6	7.31	12.42	19.43	

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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	12.70	7.5	4.2	1.2	0.6	0.0	26.6	21.1	15.0	7.9	5.60	8.60	13.90
02	12.60	7.8	4.3	1.4	0.5	0.0	23.6	21.0	16.1	10.3	7.10	11.90	18.50
03	10.30	6.5	3.9	1.1	0.3	0.0	17.8	14.3	11.1	5.7	5.30	9.20	14.10
04	6.10	3.6	1.8	0.6	0.2	0.0	3.4	1.8	1.0	0.2	1.60	4.50	10.30
05	1.80	1.2	0.6	0.2	0.1	0.0	0.6	0.1	0.0	0.0	0.00	0.70	2.80
06	0.10	0.1	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	0.60	0.2	0.1	0.1	0.0	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
10	3.60	1.7	1.1	0.4	0.1	0.0	1.3	0.6	0.4	0.1	0.70	3.50	5.50
11	9.30	5.8	3.5	1.0	0.3	0.0	8.2	4.0	1.9	0.2	5.00	7.60	13.50
12	13.70	8.6	5.1	1.3	0.6	0.0	23.1	17.5	11.4	2.5	7.20	12.70	16.40
Summary	70.8	43.0	24.6	7.3	2.7	0.0	104.8	80.5	57.0	26.9	32.5	58.7	95.0

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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	0.2	0.4	11.7	64.9	250.0	488.7	731.4	671.1	384.0	112.2	12.5	0.2
45	0.0	0.0	1.4	19.3	134.9	345.0	576.4	516.6	249.5	44.9	2.5	0.0
50	0.0	0.0	0.0	3.5	56.2	213.0	422.6	363.9	133.9	11.4	0.2	0.0
55	0.0	0.0	0.0	0.3	15.5	102.8	272.0	217.8	53.2	2.1	0.0	0.0
60	0.0	0.0	0.0	0.0	2.2	30.6	135.1	93.6	12.5	0.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	1.2	20.2	73.9	193.3	341.9	492.3	468.9	315.4	142.8	26.9	0.5

Growing Degree Units (Accumulated Monthly)												
40	0	1	12	77	327	816	1547	2218	2602	2715	2727	2727
45	0	0	1	21	156	501	1077	1594	1843	1888	1890	1890
50	0	0	0	4	60	273	695	1059	1193	1204	1205	1205
55	0	0	0	0	16	119	391	608	662	664	664	664
60	0	0	0	0	2	33	168	262	274	274	274	274
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	22	96	289	631	1123	1592	1907	2050	2077	2078

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