

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1196 ft. Lat: 47.2078° N Lon: 119.3192° W
Station: **MOSES LAKE GRANT CO AP, WA US USW00024110**

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	23.8	30.1	4.6	5.4	4.9	0.0	0.0	0.0	0.0	0.0	0.0	771.9	833.8	926.8	1081.8	0.0	0.0	2.6	8.9	26.7	1.0	
02	44.1	26.6	35.3	5.1	4.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	550.2	606.1	690.1	830.1	0.0	0.0	7.6	2.3	22.7	0.1	
03	54.9	31.7	43.3	3.5	2.2	2.6	0.7	0.1	0.0	0.0	0.0	0.0	363.5	424.9	517.8	672.8	0.0	0.0	25.2	0.4	17.2	0.0	
04	63.7	37.3	50.5	2.9	2.3	2.2	26.2	15.6	6.4	0.9	0.0	0.0	161.1	210.5	291.4	435.8	0.0	0.0	29.7	0.0	6.6	0.0	
05	73.7	45.4	59.5	3.2	2.5	2.7	172.8	129.9	78.8	26.9	5.5	2.3	31.8	50.9	92.8	195.9	0.0	1.7	31.0	0.0	1.1	0.0	
06	80.4	52.0	66.2	3.2	2.0	2.5	337.6	280.4	199.9	94.6	34.6	21.5	1.6	4.4	13.9	58.5	0.7	5.1	30.0	0.0	0.0	0.0	
07	89.7	57.2	73.4	3.7	2.3	2.9	571.9	509.8	417.2	267.9	138.8	97.8	0.0	0.1	0.4	6.1	3.5	17.5	31.0	0.0	0.0	0.0	
08	88.3	56.1	72.2	2.0	1.4	1.5	533.2	471.3	379.1	231.9	110.0	73.6	0.0	0.2	1.1	8.8	2.4	15.0	31.0	0.0	0.0	0.0	
09	78.7	47.0	62.8	2.8	1.9	1.9	247.0	196.3	130.0	52.6	15.1	8.0	11.6	20.8	44.5	117.1	0.1	3.3	29.9	0.0	0.2	0.0	
10	62.8	36.9	49.9	2.5	3.1	2.5	31.2	19.1	8.2	0.9	0.0	0.0	190.8	240.7	322.8	470.5	0.0	0.0	29.5	0.0	8.6	0.0	
11	46.3	28.8	37.6	2.9	3.6	3.0	0.6	0.3	0.0	0.0	0.0	0.0	524.1	583.8	673.5	823.5	0.0	0.0	12.9	1.7	19.0	0.1	
12	36.2	23.5	29.9	3.6	4.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	779.6	841.5	934.5	1089.5	0.0	0.0	2.1	10.1	26.7	0.5	
Summary	62.9	38.9	50.9	3.3	3.0	2.9	1921	1623	1220	676	304	203	3386	3818	4510	5790	6.7	42.6	262.5	23.4	128.8	1.7	

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	1.02	9.7	3.4	0.1	0.0	0.52	0.85	1.24	
02	0.65	6.8	2.2	0.0	0.0	0.40	0.62	0.76	
03	0.73	7.2	2.5	0.0	0.0	0.49	0.62	0.99	
04	0.65	5.5	2.2	0.1	0.0	0.32	0.53	0.93	
05	0.72	6.2	2.2	0.2	0.0	0.28	0.58	1.14	
06	0.73	5.0	2.2	0.2	0.0	0.30	0.69	0.94	
07	0.26	1.7	0.7	0.0	0.0	0.04	0.13	0.38	
08	0.15	2.0	0.5	0.0	0.0	0.01	0.07	0.17	
09	0.26	2.8	0.8	0.0	0.0	0.08	0.19	0.39	
10	0.66	7.1	2.1	0.1	0.0	0.33	0.48	0.97	
11	0.87	9.7	3.0	0.0	0.0	0.58	0.78	1.15	
12	1.11	10.3	3.9	0.2	0.0	0.57	0.85	1.60	
Summary	7.81	74.0	25.7	0.9	0.0	3.92	6.39	10.66	

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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	7.9	25.4	137.6	316.8	606.0	786.1	1036.7	998.0	685.4	316.3	61.8	11.3
45	1.3	4.4	48.8	181.1	451.4	636.1	881.5	842.9	535.8	184.4	20.9	2.7
50	0.1	0.4	9.6	79.4	302.1	486.1	726.7	688.0	388.2	86.0	5.0	0.3
55	0.0	0.0	0.7	26.2	172.8	337.6	571.9	533.2	247.0	31.2	0.6	0.0
60	0.0	0.0	0.0	6.4	78.8	199.9	417.2	379.1	130.0	8.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.3	14.9	94.2	207.0	376.3	484.9	647.5	628.4	436.0	204.2	29.1	4.1

Growing Degree Units (Accumulated Monthly)												
40	8	33	171	488	1094	1880	2916	3914	4600	4916	4978	4989
45	1	6	54	236	687	1323	2205	3048	3583	3768	3789	3791
50	0	0	10	90	392	878	1604	2292	2681	2767	2772	2772
55	0	0	1	27	200	537	1109	1642	1889	1921	1921	1921
60	0	0	0	6	85	285	702	1081	1211	1220	1220	1220
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	18	112	319	696	1181	1828	2456	2892	3097	3126	3130

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