

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 830 ft. Lat: 46.2014° N Lon: 119.7581° W

Station: PROSSER, WA US USC00456768

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	40.1	26.8	33.5	4.8	4.2	4.3	0.1	0.0	0.0	0.0	0.0	0.0	668.1	730.0	823.0	978.0	0.0	0.0	6.8	6.4	24.5	0.1
02	46.7	28.6	37.6	5.1	3.5	4.1	0.1	0.0	0.0	0.0	0.0	0.0	485.8	541.7	625.7	765.7	0.0	0.0	12.2	2.5	20.7	0.1
03	55.9	34.9	45.4	3.8	2.5	3.0	5.2	2.1	0.6	0.0	0.0	0.0	302.9	361.8	453.3	607.7	0.0	0.0	26.9	0.4	11.8	0.0
04	64.6	39.9	52.2	2.8	2.5	2.5	39.8	24.5	10.5	1.8	0.2	0.1	122.3	166.9	243.0	384.2	0.0	0.0	29.9	0.0	4.2	0.0
05	74.1	47.9	61.0	2.8	2.4	2.4	208.6	162.4	106.1	44.3	13.3	7.5	22.6	38.5	75.2	168.4	0.0	2.0	31.0	0.0	0.3	0.0
06	80.9	53.6	67.2	3.1	2.7	2.8	369.0	311.7	231.4	122.4	52.9	35.8	1.4	4.1	13.8	54.8	0.7	5.6	30.0	0.0	0.0	0.0
07	90.4	59.5	75.0	3.5	2.9	3.1	618.3	556.4	464.3	315.6	184.0	139.9	0.0	0.1	1.0	7.3	3.8	17.9	31.0	0.0	0.0	0.0
08	89.2	57.7	73.4	1.9	2.2	1.9	572.0	510.3	418.4	270.5	143.0	101.9	0.1	0.4	1.5	8.7	2.8	17.3	31.0	0.0	0.0	0.0
09	79.7	50.1	64.9	2.5	2.0	1.8	304.5	249.9	174.5	79.9	26.8	15.2	7.6	13.0	27.5	83.0	0.0	3.8	30.0	0.0	0.4	0.0
10	64.7	40.8	52.8	2.8	2.7	2.5	58.3	38.8	19.5	4.1	0.2	0.0	128.0	170.5	244.2	383.9	0.0	0.0	30.1	0.0	4.2	0.0
11	49.3	31.7	40.5	2.8	3.4	2.8	2.6	1.5	0.6	0.1	0.0	0.0	437.5	496.4	585.5	735.0	0.0	0.0	16.8	1.6	17.5	0.0
12	39.5	26.3	32.9	3.4	4.0	3.5	0.3	0.1	0.0	0.0	0.0	0.0	685.2	747.0	839.9	994.9	0.0	0.0	5.8	7.9	25.0	0.2
Summary	64.6	41.5	53.0	3.3	2.9	2.9	2179	1858	1426	839	420	300	2862	3270	3934	5172	7.3	46.6	281.5	18.8	108.6	0.4

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	1.24	8.3	4.2	0.3	0.0	0.57	1.27	1.58
02	0.90	5.9	3.1	0.0	0.0	0.61	0.85	1.04
03	0.69	5.9	2.6	0.2	0.0	0.51	0.70	0.92
04	0.74	5.2	2.2	0.2	0.0	0.25	0.70	1.16
05	0.88	5.8	2.4	0.2	0.0	0.39	0.75	1.18
06	0.68	3.7	1.9	0.2	0.0	0.25	0.54	1.10
07	0.21	1.7	0.8	0.0	0.0	0.00	0.16	0.36
08	0.16	1.5	0.8	0.1	0.0	0.00	0.06	0.15
09	0.27	2.7	1.0	0.0	0.0	0.03	0.16	0.30
10	0.77	5.7	2.5	0.2	0.0	0.29	0.63	1.05
11	0.86	7.1	3.2	0.2	0.0	0.44	0.85	1.21
12	1.33	8.3	4.2	0.4	0.1	0.75	1.03	1.94
Summary	8.73	61.8	28.9	2.0	0.1	4.09	7.70	11.99

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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	27.1	48.3	192.8	368.3	650.9	817.6	1083.2	1036.8	746.9	400.5	104.5	26.3
45	6.4	11.9	84.4	225.9	496.3	667.6	928.2	881.8	597.2	256.7	40.7	7.1
50	1.1	1.9	26.7	108.7	344.4	517.6	773.2	726.8	448.5	135.8	11.7	1.2
55	0.1	0.1	5.2	39.8	208.6	369.0	618.3	572.0	304.5	58.3	2.6	0.3
60	0.0	0.0	0.6	10.5	106.1	231.4	464.3	418.4	174.5	19.5	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	11.6	26.1	108.7	221.7	396.0	512.1	686.5	658.0	467.5	236.2	52.1	11.4

Growing Degree Units (Accumulated Monthly)												
40	27	75	268	636	1287	2105	3188	4225	4972	5372	5477	5503
45	6	18	103	329	825	1492	2421	3302	3900	4156	4197	4204
50	1	3	30	138	483	1000	1774	2500	2949	3085	3096	3098
55	0	0	5	45	254	623	1241	1813	2118	2176	2178	2179
60	0	0	1	11	117	349	813	1231	1406	1425	1426	1426
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	12	38	146	368	764	1276	1963	2621	3088	3324	3376	3388

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

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