

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1166 ft. Lat: 46.0947° N Lon: 118.2869° W
Station: WALLA WALLA RGNL AP, WA US USW00024160

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	41.9	30.7	36.3	5.1	5.0	5.0	0.7	0.3	0.1	0.0	0.0	0.0	580.4	642.0	734.8	889.7	0.0	0.0	9.2	6.8	17.3	0.3
02	46.5	32.9	39.7	5.0	3.9	4.3	1.4	0.7	0.2	0.0	0.0	0.0	429.8	485.0	568.5	708.2	0.0	0.0	11.2	2.3	13.4	0.0
03	55.8	37.8	46.8	3.7	2.4	3.0	9.3	4.2	1.0	0.0	0.0	0.0	263.6	320.5	410.3	564.4	0.0	0.0	25.2	0.4	5.6	0.0
04	62.5	42.5	52.5	2.6	2.0	2.2	41.2	25.6	10.9	1.5	0.1	0.0	116.1	160.6	235.9	376.4	0.0	0.0	29.3	0.0	1.3	0.0
05	71.4	49.3	60.4	3.7	2.4	2.9	191.1	147.3	94.0	37.3	10.8	5.6	25.3	43.5	83.2	181.6	0.0	1.3	31.0	0.0	0.1	0.0
06	79.0	55.1	67.0	3.6	2.3	2.9	363.7	306.2	225.1	115.7	49.2	32.5	2.1	4.6	13.5	54.0	0.7	4.6	30.0	0.0	0.0	0.0
07	90.1	62.4	76.3	3.6	2.8	3.1	658.5	596.6	503.8	351.6	213.7	166.2	0.0	0.0	0.3	3.2	4.2	17.5	31.0	0.0	0.0	0.0
08	88.6	61.7	75.2	2.1	1.7	1.8	624.6	562.6	470.3	319.7	182.5	136.4	0.0	0.0	0.7	5.2	2.8	15.8	31.0	0.0	0.0	0.0
09	78.5	53.9	66.2	2.7	2.2	2.2	340.4	284.3	206.1	103.7	39.4	24.1	4.5	8.4	20.2	67.9	0.0	3.3	30.0	0.0	0.0	0.0
10	63.4	43.9	53.7	2.6	2.5	2.4	70.8	47.9	25.0	6.1	0.4	0.1	112.6	151.7	221.8	357.9	0.0	0.0	29.6	0.0	1.9	0.0
11	49.2	35.6	42.4	3.4	3.0	3.0	6.3	3.2	1.1	0.3	0.0	0.0	384.2	441.2	529.1	678.2	0.0	0.0	15.8	2.3	10.3	0.1
12	41.0	30.2	35.6	3.2	3.5	3.3	1.4	0.7	0.1	0.0	0.0	0.0	602.6	663.9	756.3	911.1	0.0	0.0	7.5	7.7	20.0	0.1
Summary	64.0	44.7	54.3	3.4	2.8	3.0	2309	1980	1538	936	496	365	2521	2921	3575	4798	7.7	42.5	280.8	19.5	69.9	0.5

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	2.10	13.3	6.3	0.6	0.1	1.39	2.05	2.36	
02	1.59	11.2	5.2	0.5	0.0	1.11	1.46	1.80	
03	2.11	12.1	6.3	0.8	0.0	1.51	2.04	2.88	
04	1.98	11.1	5.7	0.8	0.1	1.10	1.86	2.55	
05	2.07	9.8	4.7	1.1	0.3	1.05	1.65	2.75	
06	1.24	7.1	3.4	0.6	0.2	0.72	1.15	1.51	
07	0.47	2.7	0.8	0.2	0.0	0.03	0.16	0.45	
08	0.40	2.5	0.9	0.2	0.1	0.02	0.16	0.42	
09	0.64	3.8	1.7	0.2	0.0	0.36	0.53	0.95	
10	1.66	8.8	4.3	0.8	0.1	1.02	1.47	2.13	
11	2.25	13.1	6.8	0.8	0.2	1.60	2.01	2.87	
12	2.23	13.6	6.7	0.7	0.1	1.56	2.02	2.92	
Summary	18.74	109.1	52.8	7.3	1.2	11.47	16.56	23.59	

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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	1.00	2.3	1.0	0.2	0.0	0.0	3.1	1.8	1.4	0.1	0.00	0.30	1.10
02	2.20	1.5	1.0	0.4	0.1	0.1	2.0	1.5	1.0	0.2	0.00	0.00	1.60
03	0.20	0.3	0.2	0.0	0.0	0.0	0.3	0.2	0.2	0.0	0.00	0.00	0.00
04	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
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	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.30	0.5	0.3	0.1	0.0	0.0	1.1	0.3	0.2	0.0	0.00	0.00	0.20
12	2.70	2.4	1.1	0.2	0.0	0.0	2.6	1.1	0.5	0.1	0.00	0.40	2.80
Summary	6.5	7.1	3.7	0.9	0.1	0.1	9.1	4.9	3.3	0.4	0.0	0.7	5.7

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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	64.6	81.3	229.9	375.5	630.7	811.8	1123.2	1089.4	785.8	429.3	143.5	59.3
45	22.4	29.4	110.8	231.5	475.9	661.8	968.2	934.4	636.0	284.1	64.7	23.1
50	4.9	7.4	39.2	111.7	323.9	511.8	813.1	779.3	486.7	158.9	23.5	6.5
55	0.7	1.4	9.3	41.2	191.1	363.7	658.5	624.6	340.4	70.8	6.3	1.4
60	0.1	0.2	1.0	10.9	94.0	225.1	503.8	470.3	206.1	25.0	1.1	0.1
Growing Degree Units for Corn (Monthly)												
50/86	21.5	29.0	109.0	192.1	361.0	498.2	722.5	707.9	487.4	223.1	55.0	19.8

Growing Degree Units (Accumulated Monthly)												
40	65	146	376	751	1382	2194	3317	4406	5192	5622	5765	5824
45	22	52	163	394	870	1532	2500	3434	4070	4354	4419	4442
50	5	12	52	163	487	999	1812	2591	3078	3237	3260	3267
55	1	2	11	53	244	607	1266	1890	2231	2302	2308	2309
60	0	0	1	12	106	331	835	1305	1512	1536	1538	1538
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	22	50	160	352	713	1211	1933	2641	3129	3352	3407	3426

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