

Summary of Monthly Normals
1981-2010

Generated on 04/26/2024

Current Location: Elev: 5427 ft. Lat: 46.7858° N Lon: 121.7425° W
Station: RAINIER PARADISE RNG, WA US USC00456898

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	34.9	22.5	28.7	3.9	3.7	3.5	-7777	0	0	0	0	0	815	877	970	1125	0.0	0.0	1.4	11.9	28.0	0.1
02	35.7	22.1	28.9	3.8	4.0	3.8	0	0	0	0	0	0	731	787	871	1011	0.0	0.0	1.7	9.9	25.4	0.3
03	37.9	23.7	30.8	3.6	2.7	3.1	-7777	-7777	0	0	0	0	750	812	905	1060	0.0	0.0	3.1	7.5	27.8	0.0
04	42.1	25.9	34.0	3.6	2.6	2.9	1	1	-7777	-7777	0	0	631	690	780	930	0.0	0.0	6.6	4.2	24.0	0.0
05	49.3	31.8	40.5	4.0	2.7	3.2	14	9	4	1	-7777	-7777	462	519	608	759	0.0	0.0	13.8	0.5	18.1	0.0
06	54.7	36.2	45.5	4.1	3.3	3.5	27	18	9	2	-7777	-7777	313	364	445	589	0.0	0.0	18.3	0.0	10.1	0.0
07	63.3	42.7	53.0	4.5	3.4	3.7	86	63	36	11	2	-7777	148	187	253	383	0.0	-7777	26.5	0.0	1.6	0.0
08	64.5	43.9	54.2	3.5	3.0	2.8	102	76	46	16	4	2	127	163	226	350	0.0	0.0	27.8	0.0	1.4	0.0
09	58.1	39.7	48.9	4.3	3.0	3.5	49	34	18	4	1	1	232	277	351	487	0.0	0.1	21.3	0.1	5.8	0.0
10	47.9	32.3	40.1	4.2	3.5	3.7	10	7	3	1	-7777	0	472	530	620	773	0.0	0.0	12.3	1.6	16.4	0.0
11	37.3	24.7	31.0	3.6	4.2	3.8	-7777	-7777	0	0	0	0	720	780	870	1020	0.0	0.0	2.4	8.7	25.1	0.1
12	33.8	21.1	27.4	4.1	4.1	4.0	-7777	-7777	0	0	0	0	854	916	1009	1164	0.0	0.0	1.6	13.5	28.7	0.8
Summary	46.6	30.6	38.6	3.9	3.4	3.5	289	208	116	35	7	3	6255	6902	7908	9651	0.0	0.1	136.8	57.9	212.4	1.3

-7777: a non-zero value that would round to zero
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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	18.24	21.1	18.4	11.1	6.3	14.00	19.89	21.94
02	12.69	17.8	14.8	8.2	3.8	9.00	11.73	15.49
03	12.56	21.5	18.6	9.9	4.3	9.90	12.66	14.41
04	8.30	18.8	14.5	6.0	2.1	6.69	7.91	10.76
05	5.89	15.4	11.6	3.9	1.1	4.15	5.46	7.58
06	4.11	12.8	9.3	2.8	0.8	2.30	4.11	5.44
07	1.95	7.3	4.5	1.2	0.2	1.00	1.65	2.70
08	1.97	6.6	3.7	1.1	0.4	0.74	1.35	2.09
09	4.71	9.6	7.0	3.1	1.5	2.10	4.94	6.68
10	10.43	15.0	12.8	7.0	3.6	7.28	11.21	13.95
11	20.28	21.7	18.9	12.9	7.4	12.72	20.67	24.66
12	17.17	21.1	18.3	11.7	6.6	13.17	16.77	21.15
Summary	118.30	188.7	152.4	78.9	38.1	83.05	118.35	146.85

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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	118.7	18.5	16.9	12.7	8.9	4.0					78.1	111.0	166.4
02	91.6	15.9	15.1	10.6	7.7	3.1					62.0	88.0	102.0
03	90.6	19.5	17.9	12.2	8.4	3.5					66.0	92.6	112.9
04	67.5	14.4	12.8	8.4	5.8	1.7					41.4	67.0	89.1
05	26.1	7.9	6.6	3.3	1.7	0.3					12.5	26.8	37.0
06	5.6	2.5	1.8	0.7	0.3	-7777					1.8	4.5	9.1
07	0.3	0.2	0.1	0.0	0.0	0.0					0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
09	1.4	0.7	0.6	0.2	-7777	0.0					0.0	0.0	2.0
10	24.1	6.2	5.1	3.1	1.9	0.5					3.1	19.4	41.2
11	120.9	16.6	15.4	11.8	9.0	3.9					88.8	119.1	147.9
12	124.0	19.0	17.8	13.3	10.1	4.8					95.7	119.4	151.5
Summary	670.8	121.4	110.1	76.3	53.8	21.8	0.0	0.0	0.0	0.0	449.4	647.8	859.1

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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	8	10	15	43	124	200	407	442	289	117	19	9
45	2	2	3	16	66	115	272	301	183	62	7	2
50	-7777	-7777	-7777	5	32	60	164	187	104	29	2	-7777
55	-7777	0	-7777	1	14	27	86	102	49	10	-7777	-7777
60	0	0	0	-7777	4	9	36	46	18	3	0	0
Growing Degree Units for Corn (Monthly)												
50/86	2	3	7	24	70	112	230	251	154	56	6	3

Growing Degree Units (Accumulated Monthly)												
40	8	18	33	76	200	400	807	1249	1538	1655	1674	1683
45	2	4	7	23	89	204	476	777	960	1022	1029	1031
50	0	0	0	5	37	97	261	448	552	581	583	583
55	0	0	0	1	15	42	128	230	279	289	289	289
60	0	0	0	0	4	13	49	95	113	116	116	116
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	5	12	36	106	218	448	699	853	909	915	918

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