

## Summary of Monthly Normals 1981-2010

Generated on 09/06/2023

Current Location: Elev: 9 ft. Lat: 46.1569° N Lon: -123.8825° W  
 Station: **ASTORIA REGIONAL AIRPORT, OR US USW00094224**

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	49.8	37.7	43.8	2.5	2.8	2.6	-7777	-7777	0	0	0	0	349	411	504	659	0.0	0.0	16.0	0.1	6.3	0.0
02	51.6	37.2	44.4	2.5	2.7	2.5	-7777	-7777	-7777	0	0	0	297	353	437	577	0.0	0.0	17.4	0.1	6.0	0.0
03	53.8	38.9	46.4	2.4	1.9	2.0	1	-7777	-7777	0	0	0	269	330	423	578	0.0	0.0	24.4	0.0	3.4	0.0
04	56.4	41.0	48.7	2.1	1.8	1.6	5	2	1	-7777	0	0	194	251	340	489	0.0	0.0	27.9	0.0	1.0	0.0
05	60.4	45.6	53.0	2.2	1.7	1.7	25	12	4	-7777	0	0	87	136	221	372	0.0	0.0	31.0	0.0	-7777	0.0
06	63.9	50.0	57.0	1.8	1.4	1.3	73	35	8	-7777	0	0	14	37	100	242	0.0	0.0	30.0	0.0	0.0	0.0
07	67.4	53.1	60.3	1.7	1.3	1.2	163	104	36	3	-7777	0	-7777	3	29	150	0.0	0.0	31.0	0.0	0.0	0.0
08	68.7	53.1	60.9	1.3	1.7	1.2	183	123	49	4	-7777	-7777	-7777	2	21	131	0.0	0.0	31.0	0.0	0.0	0.0
09	67.6	49.4	58.5	2.0	2.0	1.7	118	74	30	5	-7777	-7777	13	30	75	200	0.0	0.0	30.0	0.0	0.0	0.0
10	60.9	44.2	52.6	1.7	2.1	1.5	28	14	4	-7777	-7777	-7777	104	152	235	386	0.0	0.0	30.7	0.0	0.5	0.0
11	53.5	40.1	46.8	2.5	3.0	2.6	4	1	-7777	0	0	0	250	307	396	546	0.0	0.0	23.6	0.1	3.6	0.0
12	48.7	36.6	42.7	2.3	2.6	2.3	-7777	-7777	0	0	0	0	383	445	538	693	0.0	0.0	13.8	0.4	7.5	0.0
Summary	58.6	43.9	51.3	2.1	2.1	1.8	600	365	132	12	0	0	1960	2457	3319	5023	0.0	0.0	306.8	0.7	28.3	0.0

-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	10.20	21.4	16.6	7.6	2.5	6.76	10.49	12.90	
02	7.19	17.7	13.2	5.0	1.5	4.09	6.28	8.93	
03	7.45	21.0	15.4	4.9	1.5	5.66	7.07	8.80	
04	5.20	18.4	12.3	3.3	0.5	3.41	4.73	6.63	
05	3.32	16.4	9.1	1.8	0.3	2.19	3.33	4.09	
06	2.55	13.2	6.8	1.4	0.3	1.68	2.53	3.50	
07	1.03	8.3	2.7	0.4	0.1	0.34	0.78	1.36	
08	1.16	7.4	2.6	0.7	0.2	0.56	0.85	1.50	
09	2.14	9.4	5.0	1.1	0.3	0.89	1.88	3.24	
10	5.98	15.9	10.8	3.9	1.5	3.54	6.53	8.31	
11	11.15	21.4	17.2	7.7	3.0	6.73	10.97	14.21	
12	9.89	20.6	16.1	6.8	2.7	7.25	9.72	12.14	
Summary	67.26	191.1	127.8	44.6	14.4	43.10	65.16	85.61	

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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	0.4	0.6	0.2	0.1	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0
02	0.5	0.7	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.1
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.2	0.3	0.1	0.0	0.0	0.0	0.6	0.1	0.1	0.0	0.0	0.0	0.0
Summary	1.4	1.7	0.5	0.2	0.0	0.0	1.6	0.3	0.1	0.0	0.0	0.0	1.1

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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	143	140	200	261	403	508	628	648	555	389	213	120
45	49	49	74	119	248	359	473	493	405	237	96	36
50	7	8	13	31	107	209	318	338	255	105	26	5
55	-7777	-7777	1	5	25	73	163	183	118	28	4	-7777
60	0	-7777	-7777	1	4	8	36	49	30	4	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	30	42	66	98	167	232	325	346	291	177	67	23

Growing Degree Units (Accumulated Monthly)												
40	143	283	483	744	1147	1655	2283	2931	3486	3875	4088	4208
45	49	98	172	291	539	898	1371	1864	2269	2506	2602	2638
50	7	15	28	59	166	375	693	1031	1286	1391	1417	1422
55	0	0	1	6	31	104	267	450	568	596	600	600
60	0	0	0	1	5	13	49	98	128	132	132	132
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	30	72	138	236	403	635	960	1306	1597	1774	1841	1864

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

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