

Astoria's Daily Precipitation Normals¹ & Records

DY= Daily, MO= Month to Date, YR= Year to date, WY= Water Year to date. Precipitation in units of inches

D A Y	January 1887-2023								February 1887-2023							
	Daily Normals & Cumulative Totals				Daily Records ²				Normals ¹ & Cumulative Totals				Daily Records ²			
					Rain		Snow						Rain		Snow	
	DY	MO	YR	WY	Amt	Year	Amt	Year	DY	MO	YR	WY	Amt	Year	Amt	Year
1	.36	.36	.36	28.83	2.35	1936	10.0	1928	.28	.28	10.87	39.34	4.04	1916	5.0	1893
2	.37	.73	.73	29.20	3.20	2021	9.0	1890	.27	.55	11.14	39.61	4.91	1916	2.0	1949
3	.36	1.09	1.09	29.56	4.93	1895	5.0	1952	.27	.82	11.41	39.88	3.60	1907	1.7	1936
4	.36	1.45	1.45	29.92	3.22	2015	1.1	1959	.27	1.09	11.68	40.15	1.61	1918	0.5	1985
5	.36	1.81	1.81	30.28	2.91	2006	3.9	1982	.28	1.37	11.96	40.43	2.63	1898	5.5	1899
6	.36	2.17	2.17	30.64	5.07	2022	4.0	1890	.27	1.64	12.23	40.70	2.55	1916	0.8	1990
7	.37	2.54	2.54	31.01	3.96	2009	4.0	1909	.27	1.91	12.50	40.97	2.11	1996	2.0	1939
8	.36	2.90	2.90	31.37	1.84	1896	3.1	1993	.27	2.18	12.77	41.24	3.71	1996	5.0	1904
9	.36	3.26	3.26	31.73	4.53	1990	2.5	1909	.27	2.45	13.04	41.51	2.72	1990	4.5	1939
10	.35	3.61	3.61	32.08	2.06	2006	3.0	1952	.28	2.73	13.32	41.79	2.57	1949	3.0	1904
11	.35	3.96	3.96	32.43	2.36	2021	2.4	1971	.27	3.00	13.59	42.06	2.01	1937	3.0	1949
12	.34	4.30	4.30	32.77	3.16	1900	10.8	1971	.26	3.26	13.85	42.32	2.11	1939	0.5	1990
13	.34	4.64	4.64	33.11	2.88	1975	6.3	1950	.24	3.50	14.09	42.56	2.31	1994	6.0	1923
14	.34	4.98	4.98	33.45	2.04	1956	0.8	1993	.25	3.75	14.34	42.81	1.44	1960	1.7	1980
15	.36	5.34	5.34	33.81	1.70	2011	6.0	1950	.24	3.99	14.58	43.05	2.82	1939	1.0	1894
16	.35	5.69	5.69	34.16	2.39	1982	1.5	1954	.24	4.23	14.82	43.29	2.32	1989	1.0	1898
17	.36	6.05	6.05	34.52	2.86	2015	3.1	1954	.25	4.48	15.07	43.54	2.30	1949	2.0	1952
18	.36	6.41	6.41	34.88	2.87	1919	3.5	1935	.24	4.72	15.31	43.78	2.31	1931	1.5	1897
19	.35	6.76	6.76	35.23	3.25	1950	5.0	1943	.25	4.97	15.56	44.03	2.45	1991	2.0	1894
20	.34	7.10	7.10	35.57	3.22	1899	2.3	1969	.24	5.21	15.80	44.27	2.96	1932	4.5	1952
21	.34	7.44	7.44	35.91	3.52	2016	5.0	1952	.23	5.44	16.03	44.50	2.06	1935	2.0	1952
22	.32	7.76	7.76	36.23	6.98	1919	2.5	1890	.24	5.68	16.27	44.74	2.59	2021	Tr	1996
23	.33	8.09	8.09	36.56	3.84	1982	2.0	1927	.24	5.92	16.51	44.98	4.41	1950	0.3	1996
24	.32	8.41	8.41	36.88	2.96	1912	2.0	1898	.24	6.16	16.75	45.22	2.46	1961	1.1	1936
25	.32	8.73	8.73	37.20	2.88	1971	4.8	1933	.25	6.41	17.00	45.47	2.02	1948	1.0	1936
26	.32	9.05	9.05	37.52	1.73	1970	5.2	1969	.26	6.67	17.26	45.73	1.89	1936	0.2	1955
27	.31	9.36	9.36	37.83	2.16	1917	5.8	1969	.25	6.92	17.51	45.98	2.41	1936	0.1	1971
28	.31	9.67	9.67	38.14	2.59	2004	4.0	1929	.26	7.18	17.77	46.24	2.89	2022	4.0	1962
29	.30	9.97	9.97	38.44	2.82	2006	6.6	1969	-	-	-	-	1.01	1936	2.0	1896
30	.31	10.28	10.28	38.75	1.63	1952	0.9	1969								
31	.31	10.59	10.59	39.06	2.70	1987	3.5	1947								
	January				Rain		Snow		February				Rain		Snow	
	Month: Normal Total ¹				10.59"		2.0"		Month: Normal Total ¹				7.18"		0.4"	
	Month: Extreme Most				27.00 1851		26.9 1950		Month: Extreme Most				21.89 1961		22.7 1917	
	Month: Extreme Least				0.69 1985		- -		Month: Extreme Least				0.65 1920		- -	
	Calendar day: most Rain				6.98" on 22 Jan 1919				Calendar day: most Rain				4.91" on 2 Feb 1916			
	Calendar day: most Snow				10.8" on 12 Jan 1971				Calendar day: most Snow				6.0" 13 Feb 1923			
	Any 24-hrs: most Rain				6.98" on 22 Jan 1919				Any 24-hrs: most Rain				4.91" on 2 Feb 1916			
	Any 24-hrs: most Snow				10.8" on 12 Jan 1971				Any 24-hrs: most Snow				6.0" on 13 Feb 1923			

¹ Normals listed are climatic normal (1991-2020). For snow, averages use 1953-1995 data (period of full snow observations).

Daily and cumulative averages based on a daily value that is computed by normalizing monthly total across the days of a month.

² Last year of multiple occurrences listed. Period of Record for daily data: rain 1887-2023, snow 1887-1995.

Astoria's Daily Precipitation Normals¹ & Records

DY= Daily, MO= Month to Date, YR= Year to date, WY= Water Year to date. Precipitation in units of inches

D A Y	March 1887-2023								April 1887-2023							
	Daily Normals & Cumulative Totals				Daily Records ²				Normals ¹ & Cumulative Totals				Daily Records ²			
					Rain		Snow						Rain		Snow	
	DY	MO	YR	WY	Amt	Year	Amt	Year	DY	MO	YR	WY	Amt	Year	Amt	Year
1	.28	.28	18.05	46.52	4.25	1910	2.7	1966	.23	.23	25.90	54.37	2.37	1901	0.9	1936
2	.27	.55	18.32	46.79	1.86	1910	1.5	1966	.23	.46	26.13	54.60	1.62	1893	T	1989
3	.27	.82	18.59	47.06	1.94	1951	4.5	1960	.22	.68	26.35	54.82	1.69	1991	1.0	1975
4	.27	1.09	18.86	47.33	3.09	1950	2.0	1951	.22	.90	26.57	55.04	2.73	1991	0.1	1975
5	.26	1.35	19.12	47.59	3.45	1932	3.0	1894	.23	1.13	26.80	55.27	2.26	1901	T	1992
6	.26	1.61	19.38	47.85	1.96	1933	3.0	1951	.21	1.34	27.01	55.48	1.23	1962	T	1992
7	.26	1.87	19.64	48.11	2.50	1956	1.6	1974	.21	1.55	27.22	55.69	1.58	1917	T	1994
8	.26	2.13	19.90	48.37	2.26	1916	4.5	1951	.21	1.76	27.43	55.90	1.43	1993	0.5	1927
9	.26	2.39	20.16	48.63	1.91	2016	0.1	1956	.22	1.98	27.65	56.12	1.46	1971	0.2	1971
10	.26	2.65	20.42	48.89	3.06	1903	1.0	1954	.21	2.19	27.86	56.33	1.67	1946	T	1991
11	.25	2.90	20.67	49.14	1.41	2010	0.2	1967	.20	2.39	28.06	56.53	3.16	1899	T	1983
12	.26	3.16	20.93	49.40	2.52	1935	0.3	1903	.21	2.60	28.27	56.74	2.01	1896	0.8	1911
13	.27	3.43	21.20	49.67	1.43	1920	1.5	1897	.20	2.80	28.47	56.94	1.68	2002	T	1982
14	.26	3.69	21.46	49.93	1.57	1936	T	1986	.20	3.00	28.67	57.14	2.28	1937	T	1982
15	.27	3.96	21.73	50.20	3.01	1908	0.5	1980	.19	3.19	28.86	57.33	1.92	2005	T	1982
16	.26	4.22	21.99	50.46	1.96	1921	0.2	1953	.20	3.29	29.06	57.53	2.39	1938	T	1978
17	.26	4.48	22.25	50.72	2.10	1921	T	1984	.19	3.58	29.25	57.72	2.04	1908	T	1982
18	.25	4.73	22.50	50.97	2.24	1997	T	1975	.20	3.78	29.45	57.92	1.69	1970	T	1987
19	.25	4.98	22.75	51.22	2.53	1997	T	1994	.19	3.97	29.64	58.11	2.24	1965	T	1995
20	.25	5.23	23.00	51.47	2.10	1905	2.5	1966	.19	4.16	29.83	58.30	3.40	1893	-	-
21	.26	5.49	23.26	51.73	2.99	1948	T	1975	.18	4.34	30.01	58.48	2.00	1921	-	-
22	.25	5.74	23.51	51.98	2.20	1993	2.0	1904	.18	4.52	30.19	58.66	2.16	1996	T	1986
23	.26	6.00	23.77	52.24	2.14	1952	T	1995	.17	4.69	30.36	58.83	2.22	2014	T	1985
24	.25	6.25	24.02	52.49	1.79	2007	T	1972	.17	4.86	30.35	59.00	1.30	1949	T	1991
25	.25	6.50	24.27	52.74	1.88	1916	T	1995	.17	5.03	30.70	59.17	1.24	1892	T	1986
26	.24	6.74	24.51	52.98	3.17	1929	0.2	1898	.16	5.19	30.86	59.33	1.60	2010	T	1955
27	.24	6.98	24.75	53.22	2.05	1968	T	1988	.16	5.35	31.02	59.49	1.98	1951	T	1990
28	.23	7.21	24.98	53.45	2.00	1943	1.5	1936	.16	5.51	31.18	59.65	0.80	1997	T	1990
29	.23	7.44	25.21	53.68	2.54	2012	2.2	1936	.15	5.66	31.33	59.80	1.24	1899	T	1988
30	.23	7.67	25.44	53.91	1.79	1931	T	1982	.14	5.80	31.47	59.94	2.40	1940	-	-
31	.23	7.90	25.67	54.14	3.23	1931	T	1982								
	March				Rain		Snow		April				Rain		Snow	
	Month: Normal Total ¹				7.90"		0.5"		Month: Normal Total ¹				5.80"		0"	
	Month: Extreme Most				21.32 1859		12.8 1951		Month: Extreme Most				13.39 1893		1.1 1975	
	Month: Extreme Least				0.93 1965		- -		Month: Extreme Least				0.21 1909		- -	
	Calendar day: most Rain				4.25" on 1 Mar 1910				Calendar day: most Rain				3.40" on 20 Apr 1893			
	Calendar day: most Snow				4.5" on 3 Mar 1960				Calendar day: most Snow				1.0" on 3 Apr 1975			
	Any 24-hrs: most Rain				4.25" on 1 Mar 1910				Any 24-hrs: most Rain				3.40" on 20 Apr 1893			
	Any 24-hrs: most Snow				5.9" on 2-3 Mar 1960				Any 24-hrs: most Snow				1.0" on 3 Apr 1975			

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D A Y	May 1887-2023							June 1887-2023						
	Daily Normals & Cumulative Totals				Daily Records ²			Normals ¹ & Cumulative Totals				Daily Records ²		
					Rain		Snow					Rain		Snow
	DY	MO	YR	WY	Amt	Year	Amt Year	DY	MO	YR	WY	Amt	Year	Amt Year
1	.14	.14	31.61	60.08	1.45	1887	- -	.10	.10	34.97	63.44	2.07	1968	- -
2	.13	.27	31.74	60.21	1.10	1893	- -	.10	.20	35.07	63.54	1.43	1925	- -
3	.14	.41	31.88	60.35	1.33	2012	- -	.10	.30	35.17	63.64	0.96	1977	- -
4	.13	.54	32.01	60.48	1.60	1979	- -	.09	.39	35.26	63.73	1.34	1974	- -
5	.13	.67	32.14	60.61	2.02	1948	- -	.10	.49	35.36	63.83	0.61	1981	- -
6	.13	.80	32.27	60.74	0.98	2009	- -	.09	.58	35.45	63.92	1.48	1985	- -
7	.12	.92	32.39	60.86	1.32	1933	- -	.09	.67	35.54	64.01	1.60	1988	- -
8	.12	1.04	32.51	60.98	1.31	2014	- -	.09	.76	35.63	64.10	1.50	1933	- -
9	.12	1.16	32.63	61.10	1.24	2005	- -	.09	.85	35.72	64.19	1.23	2022	- -
10	.11	1.27	32.74	61.21	1.15	1909	- -	.09	.94	35.81	64.28	1.14	1915	- -
11	.11	1.38	32.85	61.32	1.00	1907	- -	.09	1.03	35.90	64.37	1.31	2000	- -
12	.11	1.49	32.96	61.43	1.35	2017	- -	.08	1.11	35.98	64.45	0.97	1906	- -
13	.11	1.60	33.07	61.54	1.30	1905	- -	.08	1.19	36.06	64.53	1.52	1931	- -
14	.11	1.71	33.18	61.65	1.32	2001	- -	.08	1.27	36.14	64.61	0.94	1957	- -
15	.11	1.82	33.29	61.76	1.45	1908	- -	.09	1.36	36.23	64.70	1.26	2017	- -
16	.11	1.93	33.40	61.87	1.41	1941	- -	.07	1.43	36.30	64.77	1.08	1947	- -
17	.10	2.03	33.50	61.97	1.78	1901	- -	.08	1.51	36.38	64.85	0.94	1937	- -
18	.11	2.14	33.61	62.08	1.07	1953	- -	.08	1.59	36.46	64.93	1.27	1921	- -
19	.09	2.23	33.70	62.17	1.60	1960	- -	.07	1.66	36.53	65.00	1.72	1900	- -
20	.10	2.33	33.80	62.27	1.39	1930	- -	.07	1.73	36.60	65.07	1.96	1900	- -
21	.10	2.43	33.90	62.37	1.13	1922	- -	.07	1.80	36.67	65.14	0.90	1997	- -
22	.10	2.53	34.00	62.47	1.10	1922	- -	.07	1.87	36.74	65.21	1.70	1897	- -
23	.09	2.62	34.09	62.56	2.31	2013	- -	.06	1.93	36.80	65.27	0.83	1914	- -
24	.10	2.72	34.19	62.66	0.93	1974	- -	.06	1.99	36.86	65.33	1.23	1973	- -
25	.10	2.82	34.29	62.76	1.50	1900	- -	.06	2.05	36.92	65.39	1.62	1931	- -
26	.10	2.92	34.39	62.86	1.17	1895	- -	.05	2.10	36.97	65.44	1.10	1931	- -
27	.09	3.01	34.48	62.95	1.11	2013	- -	.06	2.16	37.03	65.50	0.70	1966	- -
28	.10	3.11	34.58	63.05	1.32	1892	- -	.05	2.21	37.08	65.55	1.48	2002	- -
29	.10	3.21	34.68	63.15	1.25	1969	- -	.04	2.25	37.12	65.59	1.16	1917	- -
30	.10	3.31	34.78	63.25	1.04	1943	- -	.05	2.30	37.17	65.64	1.05	1989	- -
31	.09	3.40	34.87	63.34	1.74	1968	- -							
	May				Rain		Snow	June				Rain		Snow
	Month: Normal Total ¹				3.40"		0"	Month: Normal Total ¹				2.30"		0"
	Month: Extreme Most				8.52 1895		-- --	Month: Extreme Most				7.70 1931		-- --
	Month: Extreme Least				0.37 1982		-- --	Month: Extreme Least				0.06 1869		-- --
	Calendar day: most Rain				2.31" on 23 May 2013			Calendar day: most Rain				2.07" on 1 Jun 1968		
	Calendar day: most Snow				no snow observed			Calendar day: most Snow				no snow observed		
	Any 24-hrs: most Rain				2.59" 23-24 May 2013			Any 24-hrs: most Rain				2.42" on 1-2 Jun 1968		
	Any 24-hrs: most Snow				---			Any 24-hrs: most Snow				---		

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² Last year of multiple occurrences listed. Period of Record for daily data: rain 1887-2023, snow 1887-1995.

Astoria's Daily Precipitation Normals¹ & Records

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D A Y	July 1887-2023							August 1887-2023						
	Daily Normals & Cumulative Totals				Daily Records ²			Normals ¹ & Cumulative Totals				Daily Records ²		
					Rain		Snow					Rain		Snow
	DY	MO	YR	WY	Amt	Year	Amt Year	DY	MO	YR	WY	Amt	Year	Amt Year
1	.04	.04	37.21	65.68	0.56	1983	- -	.02	.02	38.02	66.49	0.43	1896	- -
2	.04	.08	37.25	65.72	0.56	1923	- -	.03	.05	38.05	66.52	1.64	1956	- -
3	.03	.11	37.28	65.75	0.58	1936	- -	.02	.07	38.07	66.54	0.39	1888	- -
4	.04	.15	37.32	65.79	0.58	1902	- -	.02	.09	38.09	66.56	0.19	1949	- -
5	.03	.18	37.35	65.82	0.68	1895	- -	.02	.11	38.11	66.58	1.05	1943	- -
6	.04	.22	37.39	65.86	1.57	1909	- -	.03	.14	38.14	66.61	0.83	1995	- -
7	.03	.25	37.42	65.89	1.72	1976	- -	.02	.16	38.16	66.63	0.49	1985	- -
8	.03	.28	37.45	65.92	1.75	1946	- -	.03	.19	38.19	66.66	1.27	1994	- -
9	.04	.32	37.49	65.96	0.91	1890	- -	.03	.22	38.22	66.69	0.97	1899	- -
10	.03	.35	37.52	65.99	1.01	1913	- -	.02	.24	38.24	66.71	0.95	1922	- -
11	.03	.38	37.55	66.02	0.58	1892	- -	.03	.27	38.27	66.74	0.45	1978	- -
12	.02	.40	37.57	66.04	1.10	1983	- -	.03	.30	38.30	66.77	1.00	1908	- -
13	.03	.43	37.60	66.07	1.25	1983	- -	.04	.34	38.34	66.81	1.02	1892	- -
14	.02	.45	37.62	66.09	1.06	1957	- -	.03	.37	38.37	66.84	0.43	1899	- -
15	.03	.48	37.65	66.12	1.12	1902	- -	.04	.41	38.41	66.88	1.05	1950	- -
16	.02	.50	37.67	66.14	1.06	1934	- -	.03	.44	38.44	66.91	1.36	1912	- -
17	.03	.53	37.70	66.17	1.06	1974	- -	.04	.48	38.48	66.95	0.77	1889	- -
18	.02	.55	37.72	66.19	1.19	1996	- -	.04	.52	38.52	66.99	1.34	1924	- -
19	.02	.57	37.74	66.21	0.63	1949	- -	.04	.56	38.56	67.03	0.79	2008	- -
20	.02	.59	37.76	66.23	0.53	1954	- -	.05	.61	38.61	66.08	0.82	1899	- -
21	.03	.62	37.79	66.26	0.88	1901	- -	.04	.65	38.65	66.12	1.16	2004	- -
22	.02	.64	37.81	66.28	0.87	2007	- -	.04	.69	38.69	66.16	1.92	2001	- -
23	.02	.66	37.83	66.30	0.82	2014	- -	.04	.73	38.73	66.20	1.50	1968	- -
24	.02	.68	37.85	66.32	1.00	1916	- -	.04	.77	38.77	66.24	1.58	1953	- -
25	.02	.70	37.87	66.34	1.55	1916	- -	.05	.82	38.79	66.29	0.96	2004	- -
26	.02	.72	37.89	66.36	1.01	1916	- -	.04	.86	38.86	66.33	1.01	1997	- -
27	.03	.75	37.92	66.39	1.10	1916	- -	.05	.91	38.91	66.38	1.12	1889	- -
28	.02	.77	37.94	66.41	0.99	1950	- -	.05	.96	38.96	66.43	0.74	1983	- -
29	.02	.79	37.96	66.43	0.65	1932	- -	.05	1.01	39.01	66.48	1.02	1977	- -
30	.02	.81	37.98	66.45	0.78	1985	- -	.06	1.07	39.07	66.54	1.73	1922	- -
31	.02	.83	38.00	66.47	0.56	1964	- -	.05	1.12	39.12	66.59	1.89	1927	- -
	July				Rain		Snow	August				Rain		Snow
	Month: Normal Total ¹				0.83"		0"	Month: Normal Total ¹				1.12"		0"
	Month: Extreme Most				7.58 1916		-- --	Month: Extreme Most				5.22 1968		-- --
	Month: Extreme Least				0.00 1851		-- --	Month: Extreme Least				0.00 1850		-- --
	Calendar day: most Rain				1.75" on 8 Jul 1946			Calendar day: most Rain				1.92" on 22 Aug 2001		
	Calendar day: most Snow				no snow observed			Calendar day: most Snow				no snow observed		
	Any 24-hrs: most Rain				1.98" on 16-17 Jul 1974			Any 24-hrs: most Rain				2.78" on 21-22 Aug 2001		
	Any 24-hrs: most Snow				---			Any 24-hrs: most Snow				---		

¹ Normals listed are climatic normal (1991-2020). For snow, averages use 1953-1995 data (period of full snow observations).

Daily and cumulative averages based on a daily value that is computed by normalizing monthly total across the days of a month.

² Last year of multiple occurrences listed. Period of Record for daily data: rain 1887-2023, snow 1887-1995.

Astoria's Daily Precipitation Normals¹ & Records

DY= Daily, MO= Month to Date, YR= Year to date, WY= Water Year to date. Precipitation in units of inches

D A Y	September 1887-2023								October 1887-2023							
	Daily Normals & Cumulative Totals				Daily Records ²				Normals ¹ & Cumulative Totals				Daily Records ²			
					Rain		Snow						Rain		Snow	
	DY	MO	YR	WY	Amt	Year	Amt	Year	DY	MO	YR	WY	Amt	Year	Amt	Year
1	.06	.06	39.18	66.65	1.14	1971	-	-	.14	.14	41.93	.14	2.10	1889	-	-
2	.06	.12	39.24	66.71	1.27	1912	-	-	.15	.29	42.08	.29	1.71	1947	-	-
3	.06	.18	39.30	66.77	1.83	1979	-	-	.15	.44	42.23	.44	4.17	1927	-	-
4	.07	.25	39.37	66.84	1.75	1913	-	-	.16	.60	42.39	.60	2.50	1920	-	-
5	.07	.32	39.44	66.91	1.67	1931	-	-	.16	.76	42.55	.76	1.77	1981	-	-
6	.07	.39	39.51	66.98	1.98	1947	-	-	.18	.94	42.73	.94	1.42	1981	-	-
7	.06	.45	39.57	67.04	1.26	1906	-	-	.18	1.12	42.91	1.12	1.52	1893	-	-
8	.07	.52	39.64	67.11	1.46	1979	-	-	.18	1.30	43.09	1.30	2.80	1962	-	-
9	.07	.59	39.71	67.18	1.51	2019	-	-	.18	1.48	43.27	1.48	2.32	2010	-	-
10	.07	.66	39.78	67.25	1.44	1962	-	-	.19	1.67	43.46	1.67	2.03	1995	-	-
11	.08	.74	39.86	67.33	1.20	1920	-	-	.19	1.86	43.65	1.86	1.66	1920	-	-
12	.07	.81	39.93	67.40	1.50	1906	-	-	.20	2.06	43.85	2.06	1.45	1926	-	-
13	.08	.89	40.01	67.48	2.27	1935	-	-	.20	2.26	44.05	2.26	3.22	2016	-	-
14	.08	.97	40.09	67.56	1.37	1917	-	-	.20	2.46	44.25	2.46	1.56	2016	-	-
15	.08	1.05	40.17	67.64	1.92	1955	-	-	.21	2.67	44.46	2.67	1.63	1947	-	-
16	.09	1.14	40.26	67.73	2.67	1997	-	-	.21	2.88	44.67	2.88	2.25	1926	-	-
17	.08	1.22	40.34	67.81	1.54	1910	-	-	.23	3.11	44.90	3.11	1.60	1975	-	-
18	.10	1.32	40.44	67.91	1.08	1891	-	-	.23	3.34	45.13	3.34	2.94	1958	-	-
19	.09	1.41	40.53	68.00	1.22	1973	-	-	.23	3.57	45.36	3.57	2.35	1940	-	-
20	.10	1.51	40.63	68.10	1.75	1888	-	-	.24	3.81	45.60	3.81	2.27	1940	-	-
21	.10	1.61	40.73	68.20	1.48	1901	-	-	.25	4.06	45.85	4.06	3.79	2017	-	-
22	.10	1.71	40.83	68.30	2.10	1892	-	-	.25	4.31	46.10	4.31	2.45	1931	-	-
23	.11	1.82	40.94	68.41	1.98	2014	-	-	.26	4.57	46.36	4.57	1.48	1900	-	-
24	.10	1.92	41.04	68.51	1.24	1924	-	-	.26	4.83	46.62	4.83	2.00	1934	-	-
25	.12	2.04	41.16	68.63	1.02	1905	-	-	.26	5.09	46.88	5.09	2.72	1934	-	-
26	.12	2.16	41.28	68.75	2.01	2014	-	-	.27	5.36	47.15	5.36	2.41	1994	T	1971
27	.12	2.28	41.40	68.87	1.47	1927	-	-	.26	5.62	47.41	5.62	1.85	1960	T	1989
28	.12	2.40	41.52	68.99	3.56	2013	-	-	.27	5.89	47.68	5.89	3.52	1982	T	1979
29	.14	2.54	41.66	69.13	2.41	2013	-	-	.28	6.17	47.96	6.17	1.38	1975	T	1994
30	.13	2.67	41.79	69.26	2.70	1887	-	-	.28	6.45	48.24	6.45	2.53	1896	T	1955
31									.29	6.74	48.53	6.74	3.45	1942	T	1992
	September				Rain		Snow		October				Rain		Snow	
	Month: Normal Total ¹				2.67"		0"		Month: Normal Total ¹				6.74"		0"	
	Month: Extreme Most				10.69	2013	--	--	Month: Extreme Most				17.79	1950	Tr	1994 ²
	Month: Extreme Least				0.00	1909	--	--	Month: Extreme Least				0.23	1895	--	--
	Calendar day: most Rain				3.56" on 28 Sep 2013				Calendar day: most Rain				4.17" on 3 Oct 1927			
	Calendar day: most Snow				no snow observed				Calendar day: most Snow				Trace on 29 Oct 1994 ²			
	Any 24-hrs: most Rain				3.84" 27-28 Sep 2013				Any 24-hrs: most Rain				4.17" on 3 Oct 1927			
	Any 24-hrs: most Snow				---				Any 24-hrs: most Snow				Trace on 29 Oct 1994 ²			

¹ Normals listed are climatic normal (1991-2020). For snow, averages use 1953-1995 data (period of full snow observations).

Daily and cumulative averages based on a daily value that is computed by normalizing monthly total across the days of a month.

² Last year of multiple occurrences listed. Period of Record for daily data: rain 1887-2023, snow 1887-1995.

Astoria's Daily Precipitation Normals¹ & Records

DY= Daily, MO= Month to Date, YR= Year to date, WY= Water Year to date. Precipitation in units of inches

D A Y	November 1887-2023								December 1887-2023							
	Daily Normals & Cumulative Totals				Daily Records ²				Normals ¹ & Cumulative Totals				Daily Records ²			
					Rain		Snow						Rain		Snow	
	DY	MO	YR	WY	Amt	Year	Amt	Year	DY	MO	YR	WY	Amt	Year	Amt	Year
1	.30	.30	48.83	7.04	2.31	2010	-	-	.35	.35	59.93	18.14	2.66	1932	0.4	1985
2	.31	.61	49.14	7.35	2.28	1933	T	1994	.36	.71	60.29	18.50	3.49	1932	T	1994
3	.31	.92	49.45	7.66	2.65	1893	T	1984	.36	1.07	60.65	18.86	4.00	1943	1.8	1970
4	.32	1.24	49.77	7.98	4.07	2022	T	1973	.34	1.41	60.99	19.20	2.30	1989	T	1994
5	.33	1.57	50.10	8.31	2.80	2006	-	-	.35	1.76	61.34	19.55	2.52	2023	0.8	1972
6	.34	1.90	50.43	8.64	3.06	1937	T	1983	.36	2.12	61.70	19.91	3.77	1933	1.3	1956
7	.35	2.24	50.77	8.98	3.33	2006	T	1983	.35	2.47	62.05	20.26	4.31	1896	0.9	1956
8	.35	2.59	51.12	9.33	2.53	1973	T	1988	.35	2.82	62.40	20.61	3.01	2015	0.6	1971
9	.37	2.94	51.47	9.68	2.10	1891	-	-	.34	3.16	62.74	20.95	4.33	1933	T	1992
10	.37	3.31	51.84	10.05	2.23	1984	T	1994	.34	3.50	63.08	21.29	2.13	1896	0.2	1979
11	.37	3.68	52.21	10.42	2.61	2021	T	1955	.34	3.84	63.42	21.63	3.03	1946	4.1	1972
12	.37	4.05	52.58	10.79	3.69	2008	T	1973	.33	4.17	63.75	21.96	2.52	1888	0.2	1972
13	.39	4.44	52.97	11.18	2.66	1932	T	1994	.35	4.52	64.10	22.31	2.00	1908	0.3	1972
14	.38	4.82	53.35	11.56	2.78	2015	T	1987	.34	4.86	64.44	22.65	2.49	1939	T	1972
15	.38	5.20	53.73	11.94	1.73	1906	0.5	1896	.33	5.19	64.47	22.98	2.10	1906	0.2	1926
16	.39	5.59	54.12	12.33	2.71	2009	2.5	1896	.33	5.52	65.10	23.31	2.14	2001	1.0	1924
17	.39	5.98	54.51	12.72	3.41	1959	0.2	1975	.33	5.85	65.43	23.64	3.22	1933	0.1	1978
18	.40	6.38	54.91	13.12	2.75	1911	0.3	1979	.33	6.18	65.76	23.97	2.59	1933	1.4	1990
19	.40	6.78	55.31	13.52	2.51	1962	0.1	1978	.33	6.51	66.09	24.30	2.71	2012	1.5	1964
20	.39	7.17	55.70	13.91	5.35	1904	0.5	1896	.34	6.85	66.43	24.64	3.42	2019	1.5	1924
21	.38	7.55	56.08	14.29	2.32	1961	T	1986	.34	7.19	66.77	24.98	4.19	1915	7.0	1892
22	.38	7.93	56.46	14.67	4.10	1901	0.1	1977	.35	7.54	67.12	25.33	2.60	1936	0.3	1926
23	.39	8.32	56.85	15.06	2.90	1942	T	1993	.35	7.89	67.47	25.68	2.53	2005	0.3	1937
24	.38	8.70	57.23	15.44	5.00	1927	T	1988	.36	8.25	67.83	26.04	3.42	1902	T	1990
25	.39	9.09	57.62	15.83	5.56	1998	0.3	1985	.35	8.60	68.18	26.39	3.30	1898	3.2	1916
26	.40	9.49	58.02	16.23	2.31	1955	T	1989	.35	8.95	68.53	26.74	3.59	1974	T	1981
27	.39	9.88	58.41	16.62	3.68	1995	T	1994	.35	9.30	68.88	27.09	2.91	1937	3.5	1964
28	.39	10.27	58.80	17.01	2.04	2001	0.5	1975	.35	9.65	69.23	27.44	2.73	1945	4.7	1964
29	.39	10.66	59.19	17.40	2.58	1897	0.4	1975	.35	10.00	69.58	27.79	3.15	1912	5.7	1964
30	.39	11.05	59.58	17.79	3.10	1975	4.3	1985	.34	10.34	69.92	28.13	2.31	2005	2.6	1964
31									.34	10.68	70.26	28.47	2.60	1968	3.4	1965
	November				Rain		Snow		December				Rain		Snow	
	Month: Normal Total ¹				11.05"		0.2"		Month: Normal Total ¹				10.68"		1.1"	
	Month: Extreme Most				22.54 1937		4.6 1985		Month: Extreme Most				36.07 1933		19.0 1964	
	Month: Extreme Least				1.45 1976		-- --		Month: Extreme Least				2.67 1985		-- --	
	Calendar day: most Rain				5.56" on 25 Nov 1998				Calendar day: most Rain				4.33" on 9 Dec 1933			
	Calendar day: most Snow				4.3" on 30 Nov 1985				Calendar day: most Snow				7.0" on 6 th Dec 2013			
	Any 24-hrs: most Rain				5.56" on 25 Nov 1998				Any 24-hrs: most Rain				4.33" on 9 Dec 1933			
	Any 24-hrs: most Snow				4.3" on 30 Nov 1985				Any 24-hrs: most Snow				7.0" on 21 Dec 1892			

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