Average[2], Least (-) and Most (+) Number of Days per Month
Period of Record: 1953-May 2015. Averages based on 1961-1990 data

	Clear Skies (clouds covering 0-20% of sky)					Partly Cloudy Skies (clouds cover 30-70% of sky)				
	Avg	**-**	*Year*	**+**	*Year*	**Avg**	**-**	*Year*	**+**	*Year*
JAN	*3*	0	1986[1]	12	2015	*4*	1	1983[1]	11	1985
FEB	*3*	0	1978[1]	12	1968	*3*	0	1987	8	2015
MAR	*3*	0	2011[1]	9	2015[1]	*5*	0	1961	14	2015
APR	*3*	0	1969[1]	13	2015	*6*	2	*1969[1]*	14	2015
MAY	*3*	0	1967[1]	10	2014	*8*	2	1962	13	*1979[1]*
JUN	*3*	0	1971[1]	10	1961	*7*	2	1999	15	1985
JUL	*6*	2	1989[1]	13	1988	*10*	4	2004	16	1960
AUG	*6*	0	1980	14	1996[1]	*10*	5	*2013[1]*	15	2014
SEP	*8*	1	1978	15	1998[1]	*8*	3	1971	13	2003
OCT	*5*	0	1990[1]	12	1974	*7*	3	*1992[1]*	11	*2014[1]*
NOV	*3*	0	1988[1]	11	2014	*5*	1	*1996[1]*	9	1967
DEC	*3*	0	1974[1]	8	2014[1]	*4*	1	*1991[1]*	9	*1978[1]*
	Clear Days					Partly Cloudy Days				
Year[3]	**50**	35	1980	94	2014	**77**	61	1971	108	1985

	Cloudy Skies (clouds cover 80-100% of sky)					Entire Year (January to December)		
	Avg	**-**	*Year*	**+**	*Year*		**Cloudiest**	
						Rank	*Year*	*Cloudy Days*
JAN	*24*	12	2015	30	1967	*1*	1958	257 days
FEB	*22*	12	2015	27	*1984[1]*	*2*	1990	256
MAR	*23*	9	2015	30	1961	*3*	1971	252
APR	*21*	3	2015	28	1969	*4*	1963	252
MAY	*20*	12	2001	29	1962	*5*	1988	251
JUN	*19*	12	*1985[1]*	25	1959	*6*	1959	251
JUL	*15*	6	1984	22	1993	*7*	1960	250
AUG	*15*	7	*1958[1]*	24	1954	*8*	1984	249
SEP	*15*	7	2003	22	1986	*9*	1961	249
OCT	*19*	9	1974	26	1984	*10*	1983	247
NOV	*22*	14	2014	27	1965	*11*	1980	247
DEC	*24*	17	1985	29	1991			
	Cloudy Days							
Year[3]	**239**	168	2014	257	1958			

[1]*Multiple occurrences with the same number, with the year of most recent occurrence listed.*
[2]*Averages are rounded to nearest whole number.*
[3]*Annual Averages is calculated using the entire year of data, and is not the same as adding the totals from each month.*

Astoria's Cloud Cover Frequency

Astoria's hourly observations (*1948-1995 data*) were categorized into groups of coverage and time. Cloud cover coverage is either clear, scattered or broken clouds, or overcast. For example, at 10 am in January, 5.2% of the time it was clear, but 72.9% of the time, skies were overcast.

CLR	clear skies	*clear*	less than 10% of sky is covered by clouds
SCT	scattered clouds	*partly cloudy*	10% to 60% of sky is covered by clouds
BKN	broken clouds	*mostly cloudy*	60% to 90% of sky is covered by clouds
OVC	overcast	*cloudy*	more than 90% of sky is covered by clouds

LST Hour	CLR	SCT	BKN	OVC	CLR	SCT	BKN	OVC	CLR	SCT	BKN	OVC
	January				**February**				**March**			
1 am	15%	11%	10%	64%	16%	12%	12%	60%	16%	15%	11%	59%
4 am	15	10	11	64	15	12	11	63	14	12	13	61
7 am	11	12	14	63	10	11	16	63	6	11	20	63
10 am	7	10	16	67	8	10	16	65	7	11	20	62
1 pm	7	8	16	68	8	11	19	63	6	13	21	60
4 pm	7	10	18	67	7	11	19	63	6	13	23	58
7 pm	11	12	11	65	11	16	15	58	9	17	19	56
10 pm	13	14	11	62	15	14	12	60	17	15	13	56
All Day	**11**	**11**	**14**	**65**	**11**	**12**	**15**	**62**	**10**	**13**	**17**	**59**
	April				**May**				**June**			
1 am	15%	14%	15%	56%	16%	13%	13%	58%	14%	15%	13%	60%
4 am	12	13	15	61	9	13	18	60	7	12	15	66
7 am	7	10	20	63	7	10	20	63	5	9	15	71
10 am	7	12	24	58	7	14	25	55	7	13	21	59
1 pm	6	17	24	54	7	20	27	46	10	18	26	46
4 pm	7	18	22	53	9	22	25	45	12	21	25	53
7 pm	8	18	22	52	9	21	23	47	11	20	19	50
10 pm	15	18	16	52	17	17	16	50	13	20	14	54
All Day	**9**	**15**	**20**	**56**	**10**	**16**	**21**	**53**	**10**	**16**	**19**	**56**
	July				**August**				**September**			
1 am	20%	11%	9%	59%	20%	13%	11%	57%	28%	16%	10%	45%
4 am	12	10	12	67	13	12	10	65	26	14	13	48
7 am	10	8	13	70	7	10	13	69	15	14	17	54
10 am	14	13	17	56	12	17	16	54	19	19	19	43
1 pm	21	20	22	37	19	22	24	36	21	22	20	37
4 pm	25	23	21	31	23	24	21	32	22	24	19	35
7 pm	22	25	15	38	20	25	18	38	22	24	16	38
10 pm	24	19	10	47	24	20	9	47	32	17	12	39
All Day	**18**	**16**	**15**	**51**	**17**	**18**	**15**	**50**	**23**	**19**	**16**	**42**
	October				**November**				**December**			
1 am	22%	16%	11%	50%	14%	12%	15%	59%	12%	14%	11%	63%
4 am	19	16	11	54	14	13	11	62	12	12	11	65
7 am	10	16	18	57	8	12	20	60	9	11	16	64
10 am	12	16	18	54	7	11	19	62	6	9	18	67
1 pm	13	19	20	49	7	12	20	62	6	10	18	66
4 pm	14	19	21	47	7	12	19	61	5	11	19	65
7 pm	18	20	15	47	12	14	13	62	10	13	13	63
10 pm	22	16	13	49	14	14	11	62	13	13	12	62
All Day	**16**	**17**	**16**	**51**	**10**	**13**	**16**	**61**	**9**	**12**	**15**	**64**