

CLOUD and SUNSHINE Data at Portland Airport

Average, Least (-) and Most (+) Number of Days per Month
(based on 1951-2021 observations)

	Clear Skies (clouds covering 0-30% of sky)				Partly Cloudy Skies (clouds cover 40-70% of sky)				Cloudy Skies (clouds cover 80-100% of sky)						
	N ²	-	Year	+	Year	N ²	-	Year	+	Year	N ²	-	Year	+	Year
JAN	3	0	2010 ¹	10	1977	4	0	1952	12	2011 ¹	24	13	1985	28	2006
FEB	3	0	1999 ¹	11	2005 ¹	4	0	1961	10	1981	22	13	1993 ¹	26	1999
MAR	3	0	2011 ¹	12	1969	5	1	1963 ¹	16	1992	23	8	1992	25	2006
APR	4	0	2012 ¹	13	2004	6	2	1970 ¹	13	2012	21	7	2004	22	2005
MAY	5	0	2000 ¹	14	2001 ¹	7	1	1960	13	1967	19	10	1963	19	1960
JUN	6	0	2012 ¹	16	2015	8	3	1954	15	1977	16	4	2015	20	1999
JUL	13	1	1963	23	1960	9	3	1973	16	2011	10	0	2003	11	1973
AUG	11	2	1954	19	2016 ¹	10	4	1992	15	1970	10	0	2012	14	2013
SEP	10	0	1978	19	1989 ¹	8	3	1977	14	1983	12	3	2012	15	2013
OCT	5	0	1984	16	1991	8	1	1975	14	1995 ¹	18	8	1987	24	2016
NOV	3	0	2017 ¹	10	1956	4	0	1965	9	1976 ¹	23	12	1991	28	1998
DEC	2	0	2012 ¹	9	1985	3	0	1966 ¹	13	1975	26	11	1975 ¹	27	2015 ¹
	Clear				Partly Cloudy				Cloudy						
Year ²	68	46	2011	109	1996	74	47	1953	98	1985	223	125	2009	263	1953

¹Multiple occurrences with the same number, with the year of most recent occurrence listed.

²N are the 1991-2020 normals. Annual values are based on yearly data, not the total of the monthly values.

Monthly and Annual Sunshine Received at Portland Airport (as recorded, 1951-1995 data)

	Percent of Sunshine Received				Total Minutes of Sunshine						
	avg	Least	Year	Most	Year	Possible	Average	Least	Year	Most	Year
JAN	28%	7%	1982	56%	1980	17,060	4,800	1,225	1982	9,498	1980
FEB	38	7	1961	63	1987	17,600	6,688	1,260	1961	11,069	1980
MAR	48	20	1957	79	1978	22,000	10,560	4,500	1957	17,455	1978
APR	52	22	1963	76	1977	24,430	12,704	5,460	1963	18,517	1977
MAY	57	27	1962	82	1979	27,750	15,818	7,440	1962	22,762	1979
JUN	56	27	1953	88	1987	28,115	15,744	7,860	1953	24,680	1987
JUL	69	34	1993	88	1984	28,400	19,596	9,632	1993	25,095	1984
AUG	66	40	1954	89	1984	26,300	17,358	10,440	1954	23,327	1984
SEP	62	36	1959	81	1975	22,500	13,950	8,100	1959	18,180	1975
OCT	44	14	1956	69	1978	20,300	8,932	2,820	1956	14,083	1978
NOV	28	11	1971	54	1961	17,100	4,788	1,860	1971	9,240	1961
DEC	23	8	1981	60	1985	16,400	3,772	1,292	1981	9,826	1985
Year	48%	36%	1955	64%	1987	267,955	128,618	95,760	1955	172,351	1987