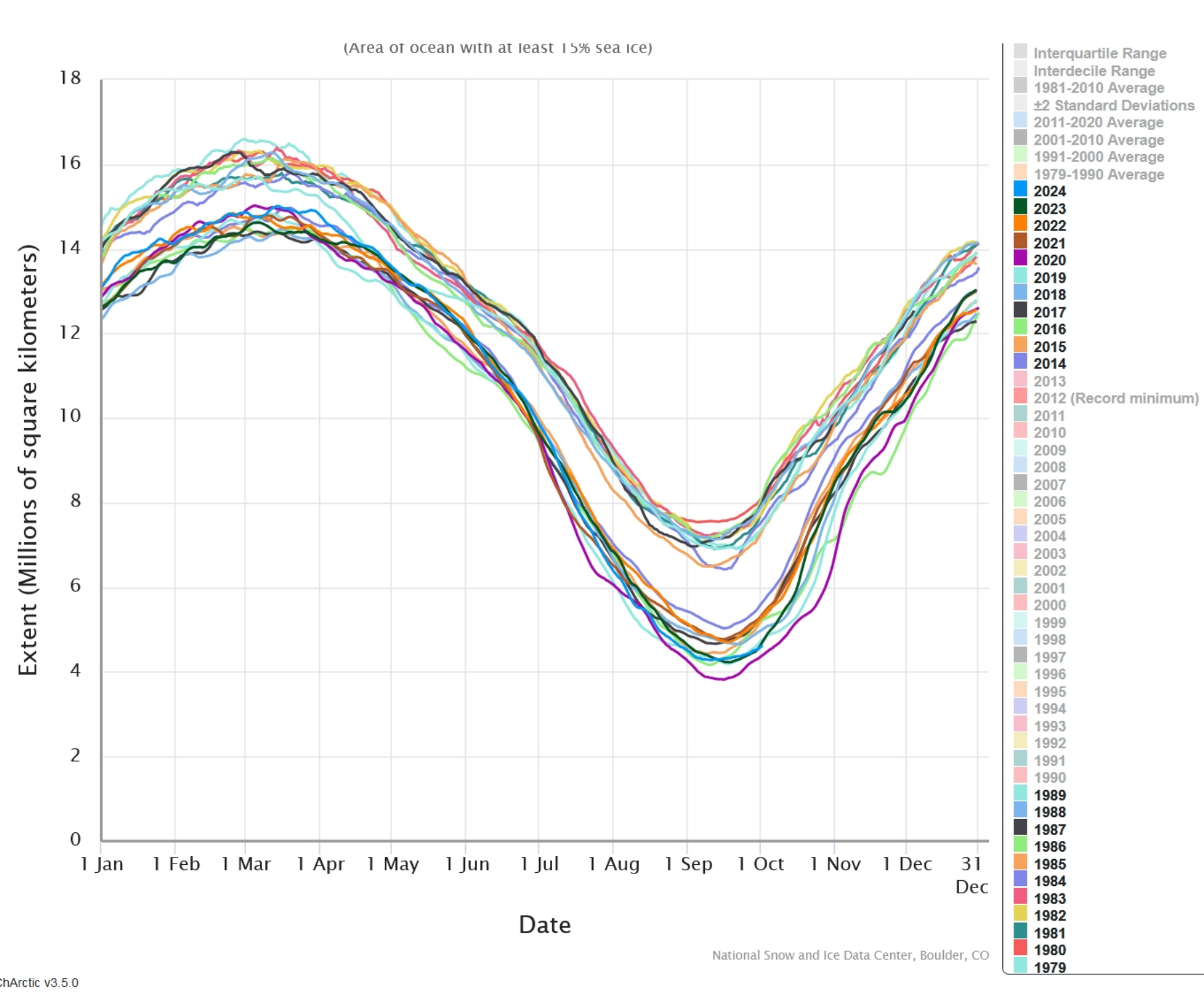

(Area of ocean with at least 15% sea ice)
Extent (Millions of square kilometers)
18
16
14
12
10
8
6
4
2
0
1 Jan
1 Feb
1 Mar
1 Apr
1 May
1 Jun
1 Jul
1 Aug
1 Sep
1 Oct
1 Nov
1 Dec
31 Dec
Date
National Snow and Ice Data Center, Boulder, CO
Interquartile Range
Interdecile Range
1981-2010 Average
±2 Standard Deviations
2011-2020 Average
2001-2010 Average
1991-2000 Average
1979-1990 Average
2024
2023
2022
2021
2020
2019
2018
2017
2016
2015
2014
2013
2012 (Record minimum)
2011
2010
2009
2008
2007
2006
2005
2004
2003
2002
2001
2000
1999
1998
1997
1996
1995
1994
1993
1992
1991
1990
1989
1988
1987
1986
1985
1984
1983
1982
1981
1980
1979