**Comparison EBAS/NOAA surface ozone data Nov 2022**

Barrow

* 1974-1991 look ok
* 1992-1996 shorter periods of problems
* Oct 1997 – Mar 1999 long period of invalid data
* 2000-2001 period of problems
* Sep 2002- Dec 2002 long periods of invalid data
* 2003 Missing
* 2004 periods of missing data. Wrong data in end of Oct
* 2005 periods of missing data
* 2006 periods of missing and invalid data
* 2007 periods of invalid data
* 2008 whole year missing
* 2009-2018 many periods of invalid data
* After 2018 no data

Differences in values 2004-2017

Summit

* 2000-2007 look ok
* 2008-2012 shorter periods of invalid data
* 2013-2014 longer period of invalid data
* 2015-2016 periods of invalid and missing data
* 2017 periods of missing NOAA data while EBAs has data
* 2018-2021 mainly ok but a few periods of invalid data

Differences in values start in 2015