

What is ERA-20C

ERA-20C is a climate reanalysis dataset covering the period 1900 to 2010.

ERA-20C assimilates observations of surface pressure and surface marine winds only. It is an outcome of the [ERA-CLIM](#) project.

For further details please see [the ECMWF product page](#).

Also of interest: [ERA-20C: ECMWF's atmospheric reanalysis of the 20th century \(and comparisons with NOAA's 20CR\)](#)

Known issues

Currently there are no known issues with ERA-20C.

Data access

Data is archived at ECMWF and available for [download from ECMWF data services](#).

References

Poli, P., H. Hersbach, D.P. Dee, P. Berrisford, A.J. Simmons, F. Vitart, P. Laloyaux, D.G. Tan, C. Peubey, J. Thépaut, Y. Trémolet, E.V. Hólm, M. Bonavita, L. Isaksen, and M. Fisher. ERA-20C: An Atmospheric Reanalysis of the Twentieth Century, *Journal of Climate*, 2016, **29:11**, 4083-4097, Doi: [10.1175/JCLI-D-15-0556.1](#)

Some ERA-20C references available from the [ECMWF E-Library](#).

Related articles

- [About ERA wave spectra](#)
- [C3S global reanalysis ERA5: wind values are far too low on pressure levels at the poles in the Climate Data Store \(CDS\)](#)
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