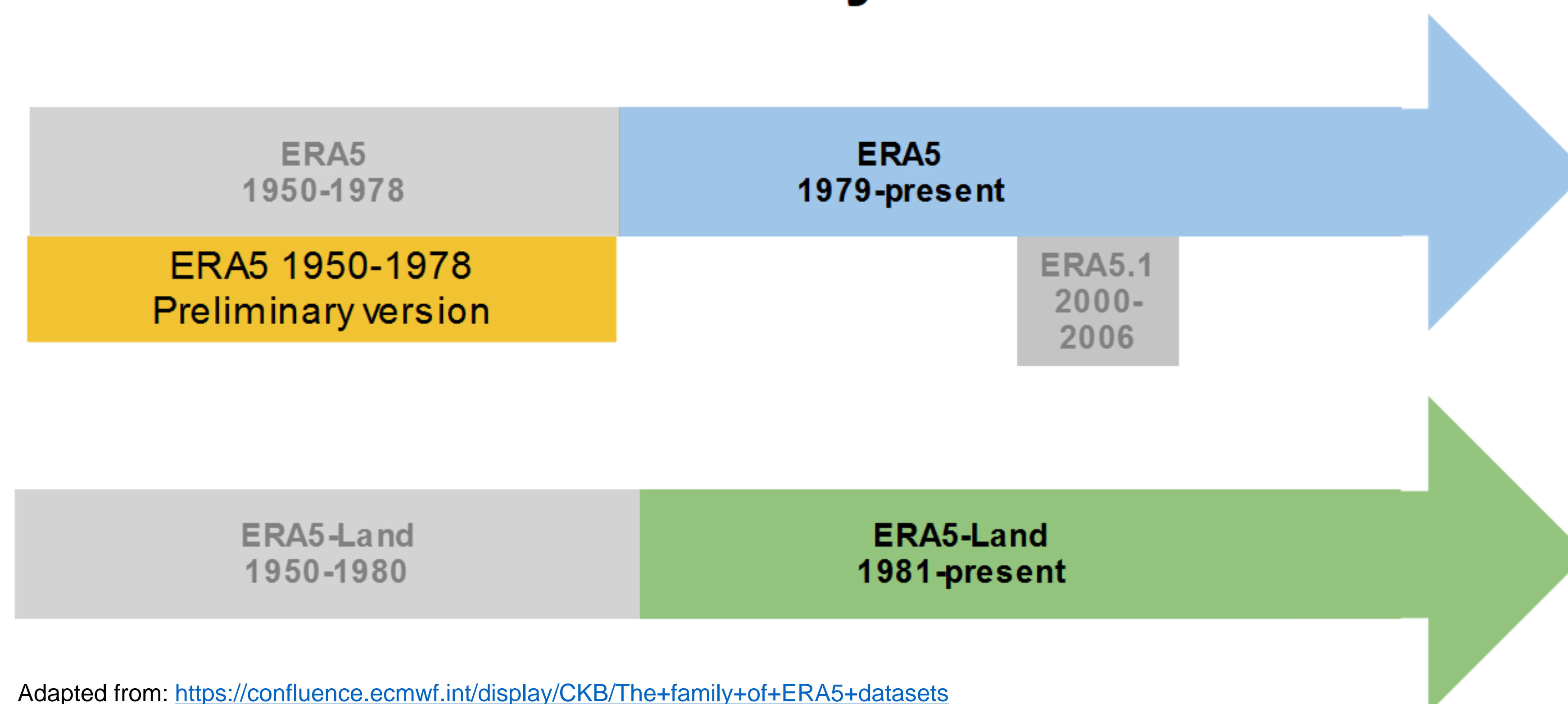


Features

- Download meteorological data in GRIB/NetCDF
- Select multiple variables for several months and years
- Split outputs to a separate file for every year
- Download multiple files at once
- Automatically add history to the netcdf file
- List and retrieve information on available variables and pressure levels
- New: Support for ERA5-Land (--land)
- New: Support for ERA5 Preliminary back extension (--prelimbe)
- New: Area selection (--area 90 -180 -90 180)

ERA5 Family Timeline



Adapted from: <https://confluence.ecmwf.int/display/CKB/The+family+of+ERA5+datasets>

Usage

1. Register at CDS and get your api key

2. Install era5cli:

```
pip install era5cli
```

3. Download some data:

```
era5cli monthly --variables temperature --startyear 2010
```

```
$ era5cli monthly --variables temperature --startyear 2010

Download request is being queued at Copernicus.
It can take some time before downloading starts, please do not kill this process
in the meantime.

2021-04-21 11:35:55,360 INFO Welcome to the CDS
2021-04-21 11:35:55,360 INFO Sending request to https://cds.climate.copernicus.eu
/api/v2/resources/reanalysis-era5-pressure-levels-monthly-means
2021-04-21 11:35:55,476 INFO Request is queued

2021-04-21 11:46:14,503 INFO Request is running
2021-04-21 11:48:14,807 INFO Request is completed

2021-04-21 11:48:14,808 INFO Downloading
https://download-0009.copernicus-climate.eu/cache-compute-
0009/cache/data4/adaptor.mars.internal-1618998334.629226-24684-8-97ab9fa0-ff56-
4075-9039-be7903ff6d68.nc to era5_temperature_2010_monthly.nc (879.3M)

2021-04-21 11:50:36,470 INFO Download rate 6.2M/s

$ ls *.nc
era5_temperature_2010_monthly.nc
```