

# Accessing CAMS 47r2 test data

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Test data is available from 1 November 2020 onwards from the MARS archive, but only data since 5 January 2021 is based on the final configuration. A daily updated test dataset is also available for the most recent 3 days on the FTP server.

## MARS

If you have access to ECMWF systems you can retrieve test data from MARS archive using keywords:

```
class=mc
expver=0075
```

## WebAPI service

If you don't have access to ECMWF computers but would still like to access a large subset of test data you can use ECMWF WebAPI service.

 Read [documentation](#) and see [brief request syntax](#) of the ECMWF WebAPI service.

If you haven't done it yet you will need to [create an ECMWF web account and accept the data licence](#).

## Examples

### Total aerosol optical depth at 550 nm in NetCDF format, only European domain, 10 dates, day 1 forecast

#### NetCDF

```
#!/usr/bin/env python
from ecmwfapi import ECMWFDataServer
server = ECMWFDataServer()

server.retrieve({
    "dataset": "cams_esuite",
    "stream": "oper",
    "type": "fc",
    "date": "20210201/to/20210210",
    "time": "00",
    "step": "0/to/23/by/1",
    "levtype": "sfc",
    "format": "netcdf",
    "param": "aod550",          # see parameter table at http://atmosphere.copernicus.eu/ftp-access-global-
data
    "grid": "0.4/0.4",         # 0.4 x 0.4 regular lat-lon grid
    "area": "70/-35/35/60",    # N/E/S/W area boundaries
    "target": "/tmp/cams_test_202102.nc"
})
```

## FTP dissemination

The test dataset is available through ECPDS FTP dissemination systems in these directories:

```
/DATA/CAMS_GLOBAL_TEST  
/DATA/CAMS_GLOBAL_ADDITIONAL_TEST  
/DATA/CAMS_EUROPE_BC_TEST
```

You can use your normal FTP account to access the data.

## If everything else fails ...

... you can always contact us by sending an email to [copernicus-support@ecmwf.int](mailto:copernicus-support@ecmwf.int) putting "Request for CAMS global test dataset" as a subject and specify:

- which parameters and levels
- which time period
- forecast step / time frequency
- which geographical area
- which data format you require