

Python MACC Reanalysis examples

- [MACC Reanalysis Surface](#)
- [MACC Reanalysis Model Levels](#)

See [Brief request syntax](#) to understand each keyword.

MACC Reanalysis Surface

Total aerosol optical depth August 2012.

[ECMWF Public Dataset web interface](#)

```
#!/usr/bin/env python
from ecmwfapi import ECMWFDataServer

server = ECMWFDataServer()

server.retrieve({
    'stream'      : "oper",
    'levtype'     : "sfc",
    'expver'      : "rean",
    'dataset'     : "macc",
    'step'        : "0",
    'grid'        : "0.75/0.75",
    'param'       : "207.210",
    'time'        : "00",
    'step'        : "3/6/9/12/15/18/21/24",
    'date'        : "2012-08-01/to/2012-08-31",
    'type'        : "fc",
    'class'       : "mc",
    'target'      : "macc_aod_2012-08-01to2012-08-31_00061218.grib"
})
```

MACC Reanalysis Model Levels

Carbon monoxide, August 2012, steps 6, 12, 18, 24 all levelist.

[ECMWF Public Dataset web interface](#).