

Keyword hints for fields

This section presents some hints in MARS terms on how to name the different products. This is meant as a guideline and shows the keywords that select a specific data set, but not all keywords necessary to retrieve the data. Usually, operational archive data can be identified with the following MARS directives:

```
class = od  
domain = g  
expver = 1
```

Atmospheric high-resolution forecast

```
stream = oper
```

Analysis

```
type = an
```

- Surface

```
levtype = sfc
```

- Model levels

```
levtype = ml  
levelist = 1/to/137
```

- Pressure levels

```
levtype = pl  
levelist = 1000/850/500...
```

- Isentropic levels

```
levtype = pv/pt
```

Forecast

```
type = fc  
step = 12/to/240/by/12
```

First Guess

```
type = fg  
step = 6
```

Errors in Analysis

```
type = ea
```

Errors in First Guess

```
type = ef
```

Wave deterministic models

```
stream = wave
```

Ensemble Forecast System

```
stream = enfo/waef
```

Control Forecast

```
type = cf  
step = 12/to/360/by/12
```

Calibration/Validation Forecast

```
type = cv  
number = 1/2  
step = 12/to/360/by/12
```

Perturbed Forecast

```
type = pf  
number = 1/to/50  
step = 12/to/240/by/12
```

Forecast Probabilities

```
type = fp  
step = 24/to/240/by/24
```

Forecast mean probabilities

```
type = fp  
step = 144-168/144-240/192-240
```

Ensemble means

```
type = em/es
```

Clusters

```
type = cm/es
```

Tubes

```
type = tu  
step = 96  
reference = 48/72/96
```

Extreme Forecast Index (EFI)

```
type = efi  
step=12/to/108/by/24  
step=102-126/240/30-150/30-54/54-78/6-126/6-30/78-102
```

Trajectory forecast

```
type = tf  
obstype = 32
```

Boundary conditions

```
stream = scda
```

Multi-Analyses Ensemble

```
stream = maed/amap
```

Seasonal Forecast

```
system = 4  
method = 0/1
```

Atmospheric

```
stream = seas  
levtype = ml/pl/sfc
```

Wave

```
stream = wasf
```

Ocean

```
stream = seas  
levtype = dp  
product = inst/tims/tacc/tavg  
section = h/m/z/v
```

Monthly Forecast

```
stream = mofc/wamf
```

Monthly means

Deterministic

```
stream = mnth/wamo
```

Climatology

```
stream = mnth/wamo  
type   = cl
```

Monthly forecast

```
stream = mofm/wmfm (old system)  
stream = mnfm/mfwm
```

Seasonal forecast

```
stream = sfmm/swmm
```

Multi-model seasonal forecast

```
stream = msmm  
type   = em  
origin = egrr/lfpw
```

Special datasets

Reanalyses ERA-15/ERA-40/ERA-Interim

```
class = er/e4/ei
```

Demeter

```
class = dm
```

Provost

```
class = pv
```

ECSN-Hyretics

```
class = cs
```

Research or Member State's experiments

```
class = rd  
class = at/be/hr/dk/fi/fr/de/gr/hu/is/ie/it/nl/no/pt/si/es/se/ch/tr/uk  
expver = aaaa
```

Other Centres' data

```
stream = ammc/cwao/edzw/egr/lfpw/rjtd/kwbc
```