IFS Cycle 50r1 and AIFS v2

Data access and format, testing and practicalities

Yigit Altintas, Computing and Software Support Specialist

Maartje Kuilman, Analyst

Meghan Plumridge, User Support Specialist

Milana Vučković, Technical User Outreach and Engagement Specialist

With contributions from many in ECMWF – thank you!

Webinar contents

1. Implementation timeline
2. IFS 50r1 information
3. IFS data access & testing
4. AIFS v2 data information
5. AIFS data access & testing
6. How to get support

1. Implementation timeline

#IFS50r1 #AIFSv2 #newfcsystem @ECMWF

IFS Cycle 50r1 timeline

Cycle declared ready for implementation
September 2025

Initial announcement
10 September

Start Release Candidate Phase
19 February 2026

Joint implementation of 50r1 (NWP & CAMS), AIFS Single v2.0, AIFS ENS v2.0
12 May 2026

July 25 | Aug 25 | Sep 25 | Oct 25 | Nov 25 | Dec 25 | Jan 26 | Feb 26 | Mar 26 | Apr 26 | May 26 | June 26

15 September 2025

Science webinar

26 February 2026

Meteorological /technical webinar 12 March 2026

Data access / testing and practicalities webinar

Alpha phase (scientific and technical testing)

Beta phase (e-suite catch up + real time running)

Release Candidate Phase (~3 months)

AIFS Single and ENS v2.0 timeline

Initial announcement
Late January 2026

Start of AIFS Release Candidate Phase
Late March 2026

AIFS Release Candidate Phase (~ 1 working month)

January 26 | February 26 | March 26 | April 26 | May 26 | June 26

Joint AIFS & IFS webinar:
Meteorological products & verification
26 February 2026

Joint AIFS & IFS webinar:
Test data access & implementation practicalities
12 March 2026

Joint implementation of AIFS Single v2.0, AIFS ENS v2.0 and IFS Cycle 50r1
12 May 2026

2. IFS 50r1 information

#IFS50r1 #AIFSv2 #newfcsystem @ECMWF

What IFS configurations are affected

Operational Analysis (initial conditions to both IFS and AIFS models): IFS-DA

Medium-range Ensemble Forecast (including Control Forecast): **IFS-ENS** / **IFS-ENS-CF**

Sub-seasonal Ensemble Forecast: **IFS-SUBS**

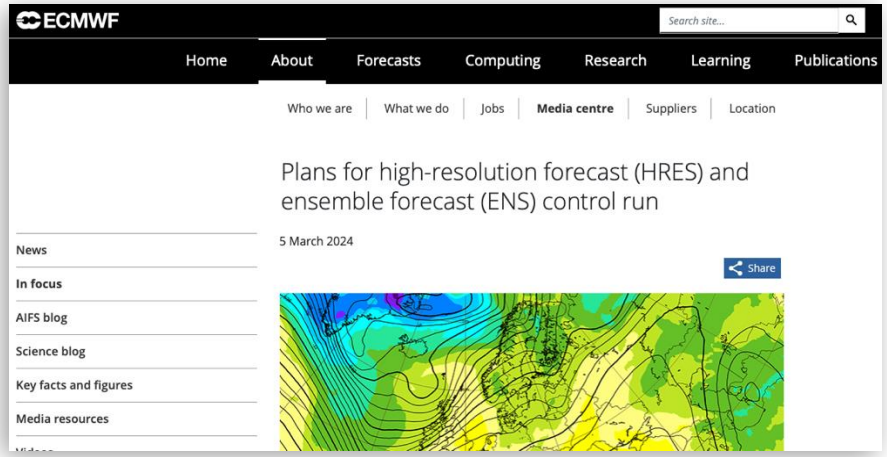
Atmospheric Composition Forecast: **IFS-COMPO** (CAMS)

Greenhouse Gases Forecast: **IFS-GHG** (CAMS)

Not affected: Seasonal forecasts, Reanalysis

HRES *versus* ENS Control – the harmonisation

- **In cy48r1**: ENS members and HRES have the same horizontal resolution …
  - HRES now plays a similar role to the ENS "control" run (unperturbed)
  - HRES and ENS Control are still 2 separate unperturbed runs with different outputs
  - HRES 00 and 12 UTC are 10-day long; ENS Control 00 and 12 UTC are 15-day long
  - HRES is disseminated earlier than the full ENS
- **In cy49r1 (November 2024)**
  - Both ENS Control and HRES are computationally identical
  - Both run to 15 days for 00 and 12 UTC and to 6 days for 06 and 18 UTC
- **In cy50r1 (12 May 2026)**
  - Current "ENS Control" run will be stopped
  - Data Stream formerly called "HRES" will be the "Control" run
  - This "Control" run will be available on the same schedule as the former "HRES" (earlier than the perturbed ENS forecasts)



In practice, this means…

- IFS-ENS Control forecasts will be disseminated and archived with **stream=oper, type=fc**, rather than stream=enfo, type=cf

- IFS-ENS Wave Control forecasts will be disseminated and archived with **stream=wave, type=fc**, rather than stream=waef, type=cf

Updates to the 06/18 UTC runs

- IFS-ENS Control forecasts from **06/18 UTC** runs will be disseminated and archived with **stream=oper, type=fc**, rather than stream=scda, type=fc

- IFS-ENS Wave Control forecasts from **06/18 UTC** runs will be disseminated and archived with **stream=wave, type=fc**, rather than stream= scwv, type=cf

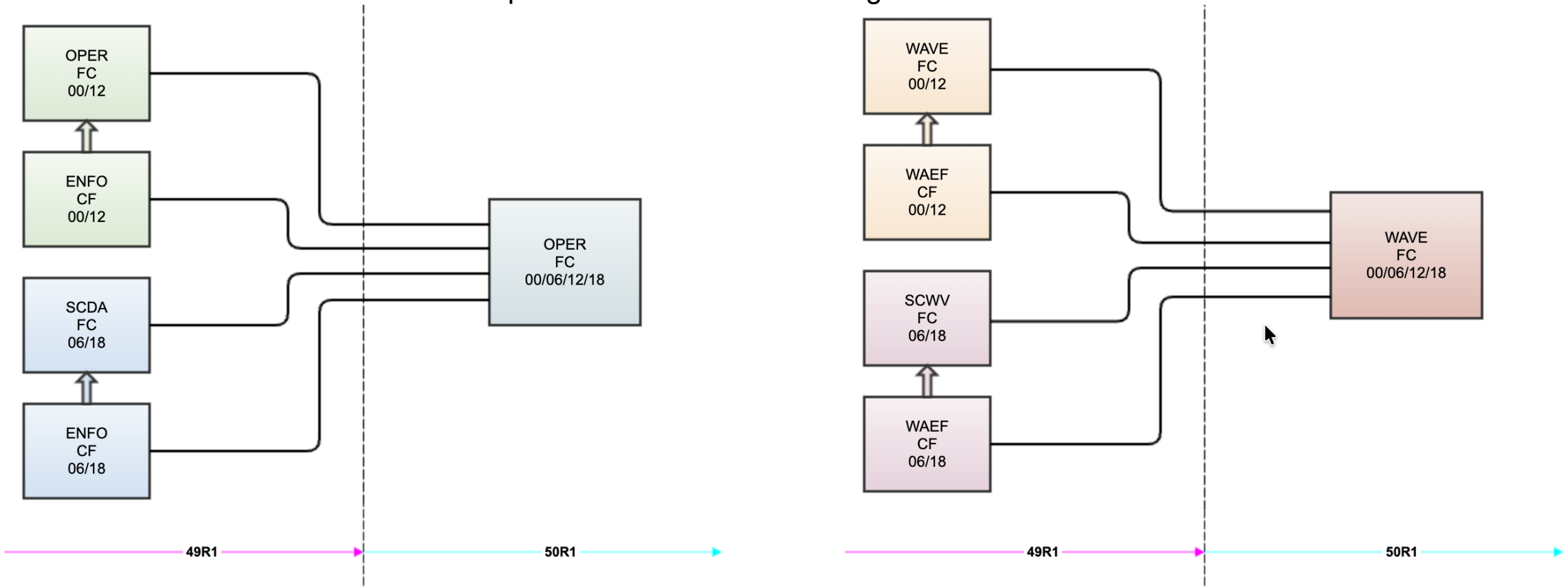
Both will continue to have **steps up to 144**

What does this mean for users?

- **All dissemination requirements** containing
  - control forecast of enfo and waef streams
  - scda and scwv streams

will need to be modified to equivalent streams on the diagram below

https://confluence.ecmwf.int/display/FCST/Data+streams+and+types+to+be+discontinued+in+IFS+cycle+50R1+and+user+impact



Do you really have to manually update everything?

No, following changes are automatically applied to user dissemination requirements in the test system:

- use=bc removed
- Changed stream=scda ⟶ stream=oper
- Changed stream=scwv ⟶ stream=wave
- Changed class=od, stream=enfo, type=cf ⟶ class=od, stream=oper, type=fc
- Changed class=od, stream=waef, type=cf ⟶ class=od, stream=wave, type=fc
- Changed expver=0001 ⟶ expver=0080 (for RCP only)
- Exact duplicate request blocks (after transformation) removed

Updates to the 06/18 UTC runs

- 49r1: Two analysis for the 06 UTC and 18 UTC run:
  - one in the stream=scda/scwv, type=an, and
  - one in stream=oper/wave, type=an that is produced in 00 UTC and 12 UTC runs.

- The analysis produced within **00/12 runs will be discontinued**, and the one currently under **scda** stream will be **moved** under **stream=oper, type=an.**

Updates to the 06/18 UTC runs

New parameters added to 06/18 UTC runs

Control forecast
- Simulated Satellite Data

Control and perturbed forecast
- Heat and cold indices, mean radiant temperature and globe temperature

Postprocessed ensemble forecast
- EFI and SOT
- Ensemble mean and spread parameters
- Event probabilities parameters
- Cluster means parameters
- Cluster representative parameters

Updates to the 06/18 UTC runs – EFI and SOT

The **06UTC and 18UTC (6-day) EFI** and **SOT** parameters' steps

- Additional daily steps:

06 UTC
- 18 – 42
- 42 – 66
- 66 – 90
- 90 – 114
- 114 - 138

18 UTC
- 6 – 30
- 30 – 54
- 54 – 78
- 78 – 102
- 102 – 126

- Additional 3-daily steps:

06 UTC
- 18 – 90
- 42 – 114
- 66 – 138

18 UTC
- 6 – 78
- 30 – 102
- 54 – 126

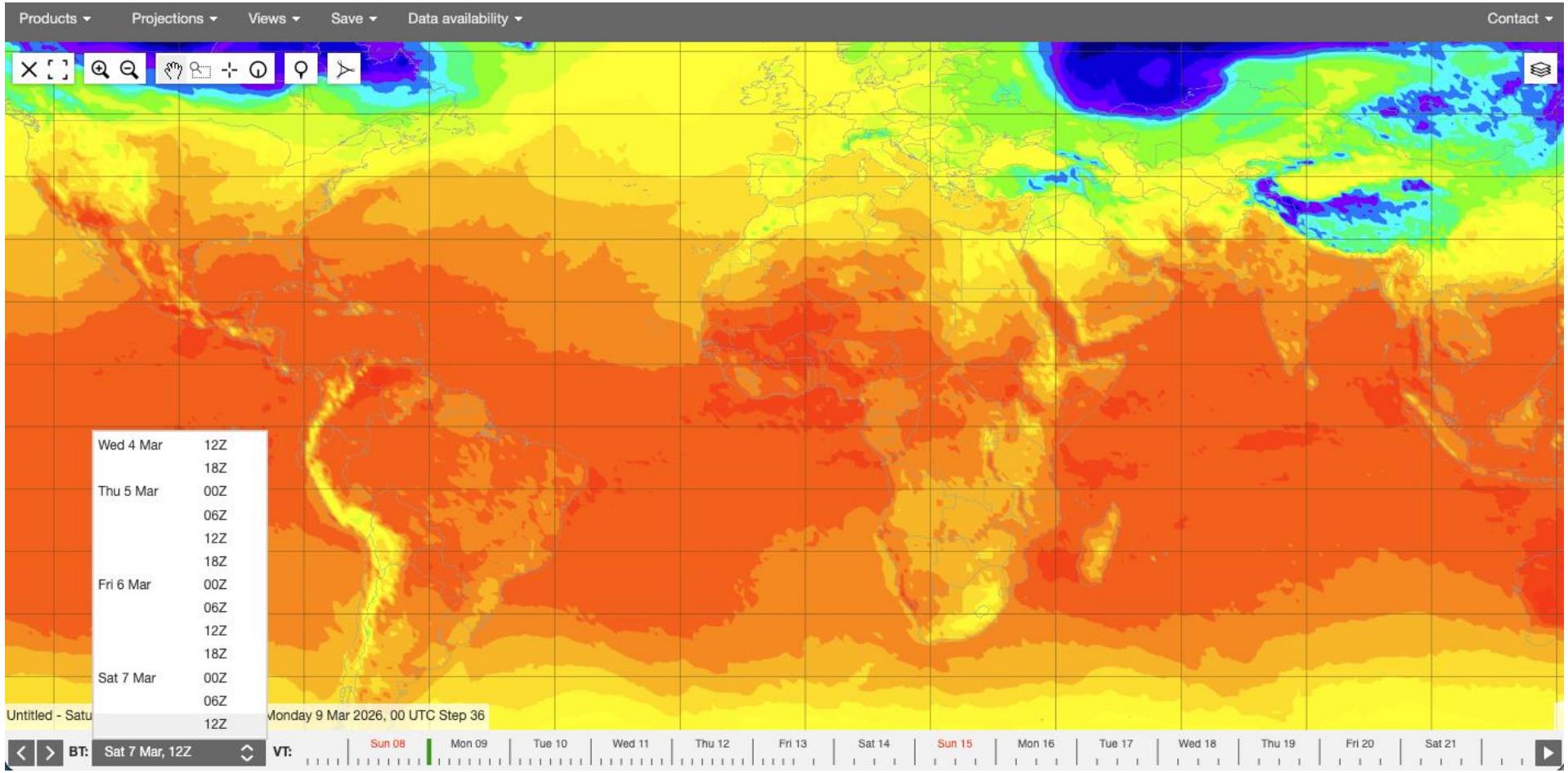
- Additional 5-daily steps:

06 UTC
- 18 – 138

18 UTC
- 6 – 126

Updates to the 06/18 UTC runs

06/18 UTC forecast will be available on **ecCharts/OpenCharts**



New and updated parameters

- Wet-bulb temperature
- Fraction of snow cover
- Urban cover (replacing Vegetation fraction difference, deprecated)

NWP

- New ocean parameters
  - 2 new level types: o2d and o3d with 75 vertical levels
  - Current ocean parameters with levtype=sfc are staying (for example, Sea surface temperature)

CAMS

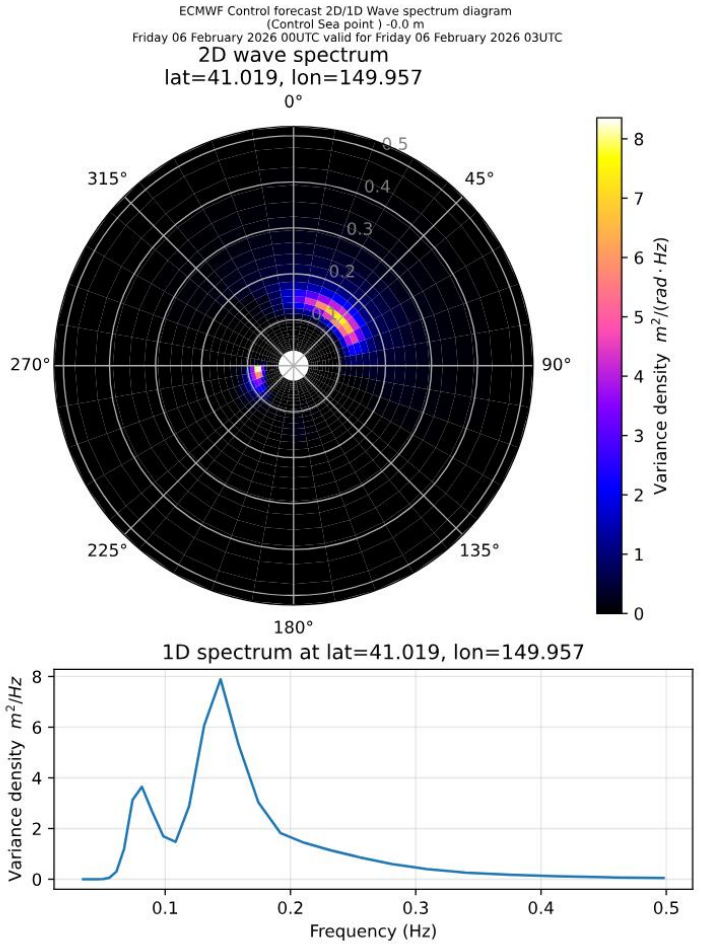
- New sea ice parameters
  - ~15 parameters on o2d level type

New graphical product

Ocean wave energy spectrum at a specific location

- 2D wave spectrum as a **polar plot**
- 1D wave spectrum as a **line plot**

Ocean wave spectra diagram



3. IFS Data Access & Testing

#IFS50r1 #AIFSv2 #newfcsystem @ECMWF

Data Availability on RCP - as of Wednesday 11th March 2026

Class	Model (stream)	Run	Available?
OD	Data assimilation (oper/wave)	All	Yes
	Control forecast (oper)	All	Yes
	Wave (wave)	All	Yes
	Ensemble forecast (enfo)	All	Yes
	Ensemble reforecast (enfh)	All	No
	Ensemble wave (waef)	All	Yes
	Ensemble post-processed	All	Semi *
	Sub-seasonal forecast (eefo/weef)	All	No
	Sub-seasonal reforecast (eefh)	All	No
MC	Atmospheric Composition	All	Yes

System	Run	Available?
ecCharts / Open Charts	All	Yes
Free & Open Data Portal (https://data.ecmwf.int/)	All	Yes
TC3-LBC (IFS-AROME-LBCs)	All	Yes

* type=efi/sot are not available yet.

File-naming Convention Changes on Real-time Dissemination

1. LEGACY

{Feed}{StreamIndicator}{monthDayHourMinute_based}{monthDayHourMinute_valid}{experimentVersion}

A1D03090000309060080

2. ECMWF

{DESTINATION}_{FEED}_{modelName}_{class}_{stream}_{type}_{forecastDate}_{validDate}_{step}_{optional:expVersion}

nvo_a1_ifs-ens-cf_od_oper_fc_20260309T000000Z_20260309T060000Z_6h_X0080

3. WMO

{pFlag}_{productIdentifier}_{oFlag}_{originator}_{productionDate}_{freeFormat}.{extension}

locationIndicator,model+Name,destination+feed+class+stream+type+expver validDate_step_fileFormat

W_xx-ecmwf-reading,ifs+ens+cf,nvo+a1+od+oper+fc+0080_c_ecmf_20260309000000Z_20260309T0600Z_6h_grib.bin

https://confluence.ecmwf.int/display/DAC/File+naming+convention+and+format+for+real-time+data

File-naming Convention Changes on Real-time Dissemination

- As part of the IFS Cycle 50r1 migration, there will be changes to the data requirements. These changes will affect the file-names of the data.

1. use=bc removed

Model	Stream:type	LEGACY	ECMWF
IFS 49r1	OPER:FC	A1S12050000120500011	nvo_a1_ifs-ens-cf_od_oper_fc_20251205T000000Z_20251205T000000Z_0h
IFS 50r1	OPER:FC	A1D12050000120500011	nvo_a1_ifs-ens-cf_od_oper_fc_20251205T000000Z_20251205T000000Z_0h

2. stream=scda => stream=oper

Model	Stream:type	LEGACY	ECMWF
IFS 49r1	SCDA:FC	B1S12050600120506011	nvo_b1_ifs-ens-cf_od_scda_fc_20251205T060000Z_20251205T060000Z_0h
IFS 50r1	OPER:FC	B1D12050600120506011	nvo_b1_ifs-ens-cf_od_oper_fc_20251205T060000Z_20251205T060000Z_0h

3. class=od, stream=enfo, type=cf => class=od, stream=oper, type=fc

Model	Stream:type	LEGACY	ECMWF
IFS 49r1	ENFO:CF	B1E12050600120506001	nvo_b1_ifs-ens_od_enfo_cf_20251205T060000Z_20251205T060000Z_0h
IFS 50r1	OPER:FC	B1D12050600120506011	nvo_b1_ifs-ens-cf_od_oper_fc_20251205T060000Z_20251205T060000Z_0h

https://confluence.ecmwf.int/display/FCST/Dissemination+file-naming+changes+from+IFS+Cycle+49r1+to+50r1

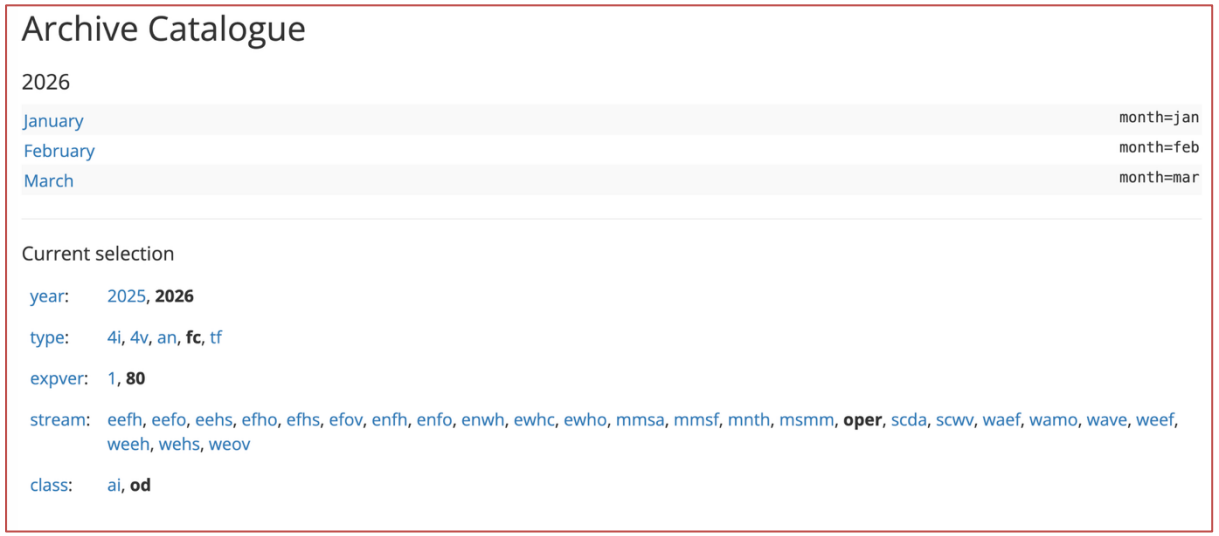
Access methods - MARS Archive

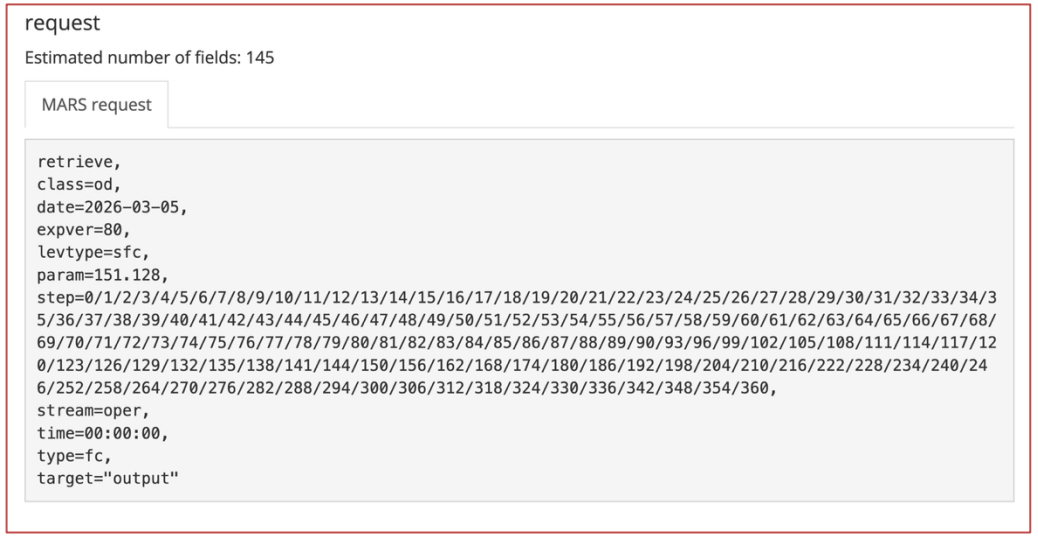
- 50r1 data in MARS Archive
- Experiment version = 80 is available

On the cycle implementation date, IFS Cycle 50r1 will run under expver=0001, replacing IFS Cycle 49r1.

- Note that expver=80 data may not be available before November 2025.
- Test data produced before the start of the Release Candidate Phase (before 18 Feb 2026 18Z run), should be **used with caution** as it may contain errors that were subsequently fixed.

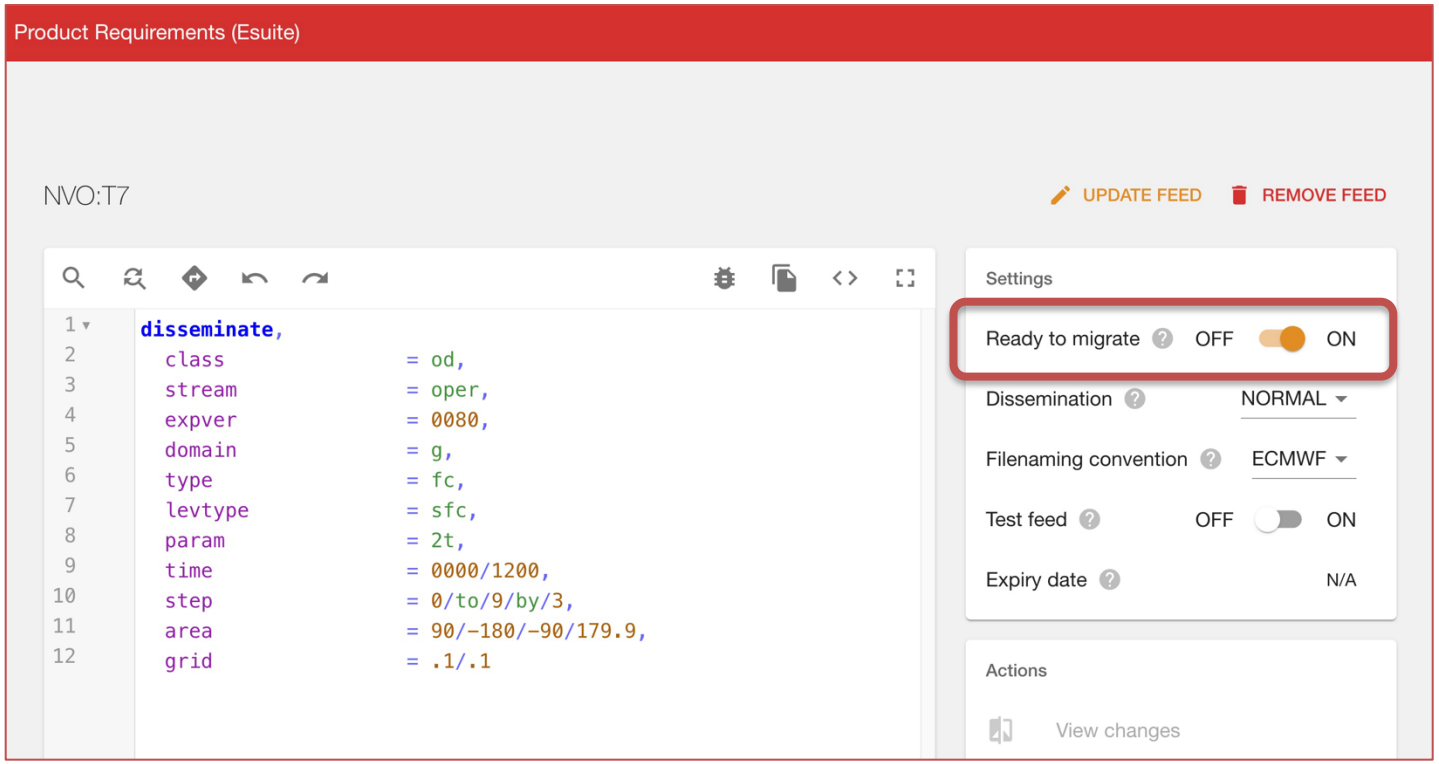
https://apps.ecmwf.int/archive-catalogue/?class=od





Access methods - Test Product Requirements Editor (TPREd)

- TPREd has a red banner and an additional feature called **Ready to Migrate**.
- Users should review and test their new data requirements for IFS Cycle 50r1 in the **TPREd system**.
- Once testing is complete, users should toggle the **Ready to Migrate** button. This informs ECMWF that the feed have been tested and that the configuration is ready to become operational on implementation day.
- If a feed is not marked as **Ready to Migrate**, ECMWF will retain the user's current operational PREd configuration and apply only the mandatory system changes required for IFS Cycle 50r1.



https://products.ecmwf.int/esuite/requirements/

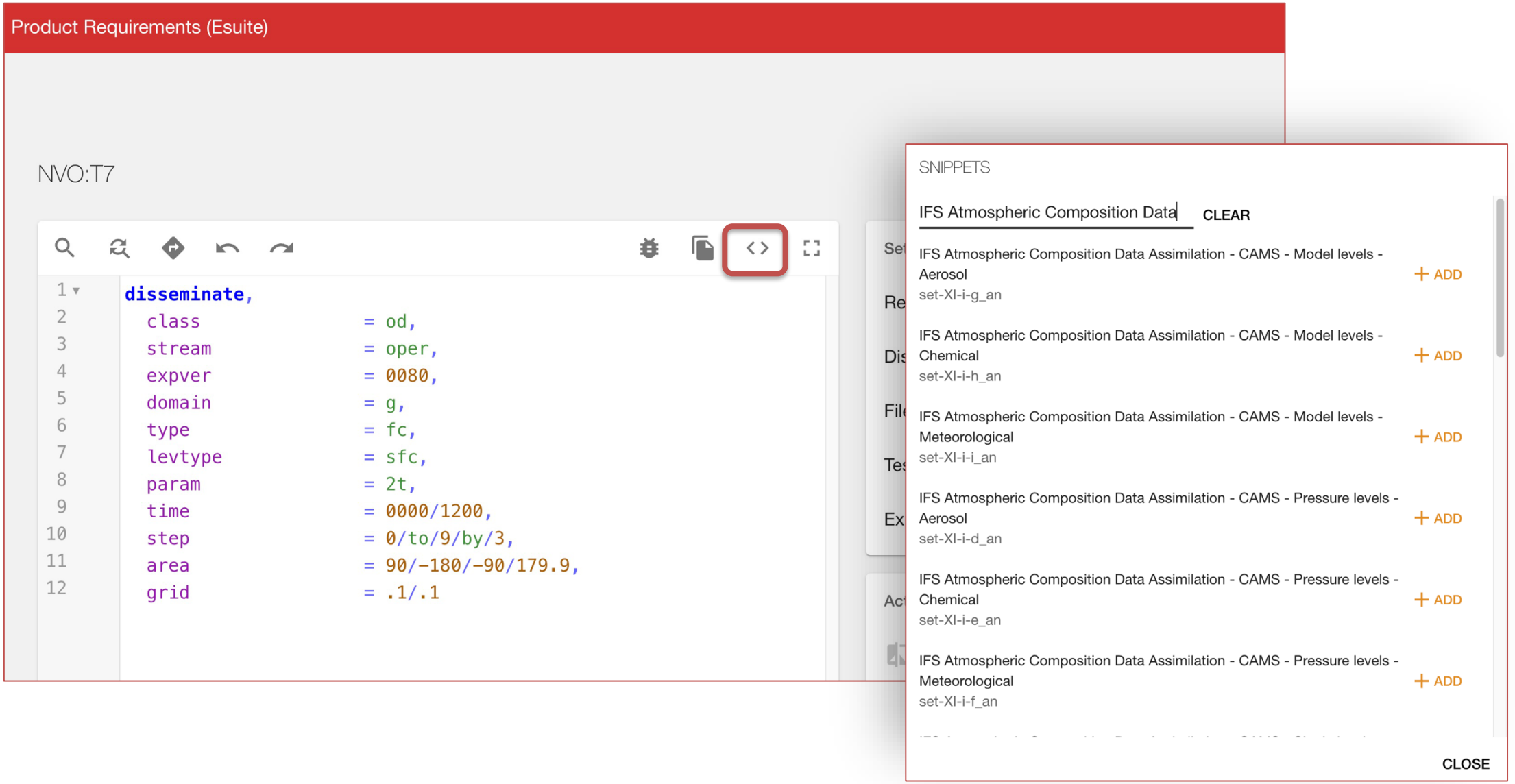
Access methods - Test Product Requirements Editor (TPREd) - Key Points

- If changes are made to operational feeds (PREd) during the testing period, those changes must also be replicated in TPREd to keep the test configuration aligned.
- **Access to TPREd and PREd will be frozen one week before the cycle implementation for all user types.**

We strongly encourage users to test their data as early and as thoroughly as possible to confirm that their workflows will function correctly after implementation.

On the day of implementation, ECMWF will not modify user requirements beyond those mandatory changes. While we will keep the configuration production-safe on our side, users who have not tested their feeds may find that some expected files are missing or that their workflows require adjustments.

Access methods - Test Product Requirements Editor (TPREd) - Snippets



Access methods - Test ECPDS (XDISS)

Test ECPDS system available here: https://xdiss-monitor.ecmwf.int/

ECMWF **Destination NVO**

ECPDS-XDISS Home > Transmission > Destinations > NVO

Transmission
- Data Transfers
- Destinations
- Transfer Hosts
- Transfer History
- Transfer Methods
- Transfer Modules

NVO (Waiting)
- Parameters
- Data Rates
- Changes Log
- Aliased From
- Aliases To
- Data Users
- Transfer Timeline
- Transfer History
- Metadata

Monitoring

Destination
- Create
- Edit
- Delete

Null & Void Ltd.

Project other Notify to servicedesk@ecmwf.int 0

Status Waiting | Last Transfer 04:29 | Last Error 06:29 | Started | Monitor no | Filter *None* | Parallel 10 | Acquisition no | Enabled yes

Dissem_Str	All (8)	**T7 (8)**					
Data_Str	**All (8)**	00-GOPER (4)	12-GOPER (4)				
Base_Time	**All (8)**	00 (4)	12 (4)				
Status	**All (8)**	StandBy (8)					
Prod_Date	All	Wed_11	Tue_10	**Mon_09**	Sun_08	Sat_07	Fri_06	Thu_05

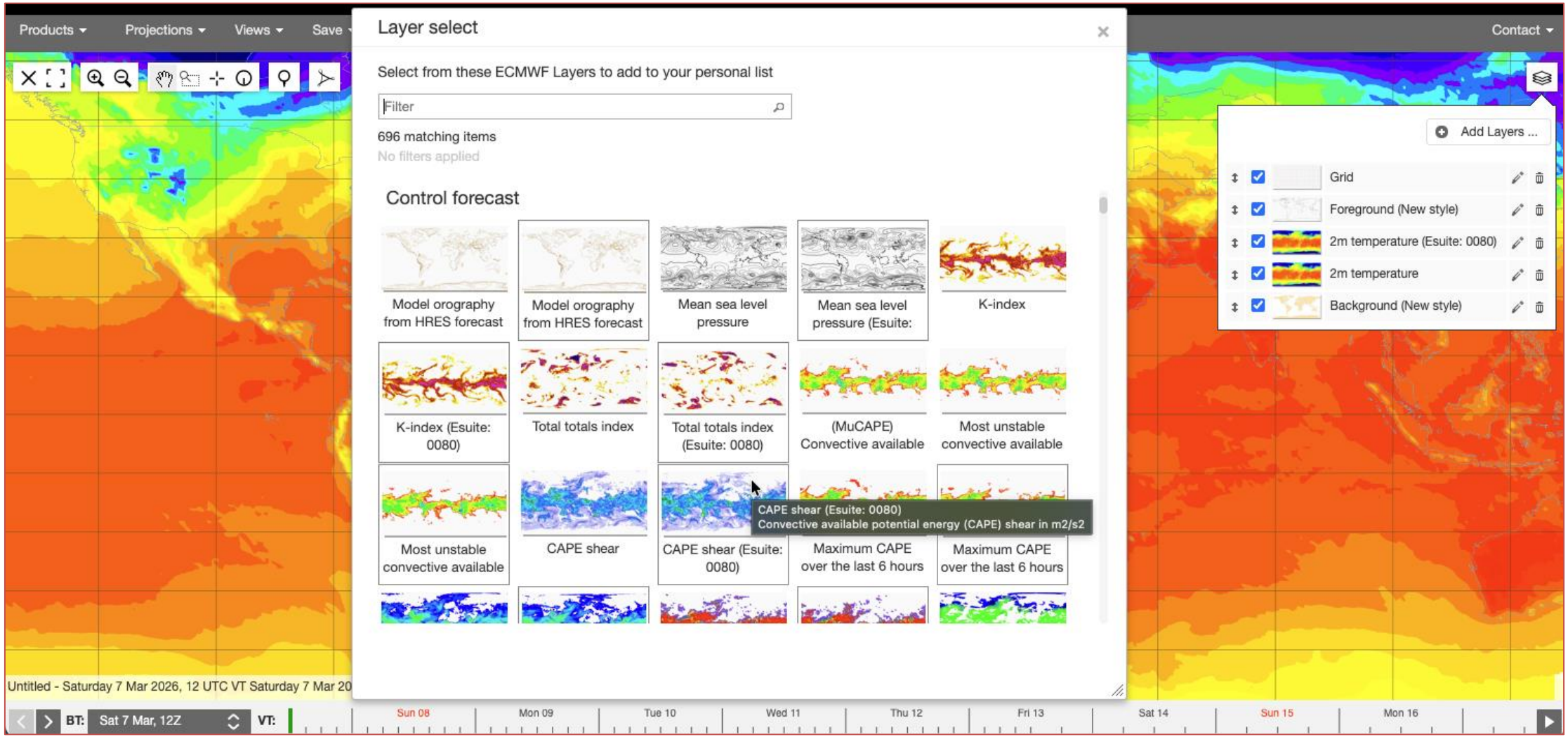
e.g. expired=no target=*.dat source=/tmp/* ts>10 ts<=99 size>=700kb case=i

8 items found, displaying all items. 1
Current selection: T7/All/All/All/2026-03-09/* *Current date 2026-03-11 10:22:44*

Err	Host	Sched. Time	Start Time	Finish Time	Target	TS	%	Mbits/s	Status	Prior	Actions	Select
✔	[not-transferred]	11 Mar 08:27:14	[n/a]	[n/a]	nvo_t7_ifs-ens-cf_od_oper_fc_20260309T120000Z_20260309T210000Z_9h_X0080	9	0	[n/a]	StandBy	20		
✔	[not-transferred]	11 Mar 08:22:36	[n/a]	[n/a]	nvo_t7_ifs-ens-cf_od_oper_fc_20260309T120000Z_20260309T180000Z_6h_X0080	6	0	[n/a]	StandBy	20		
✔	[not-transferred]	11 Mar 08:21:20	[n/a]	[n/a]	nvo_t7_ifs-ens-cf_od_oper_fc_20260309T120000Z_20260309T150000Z_3h_X0080	3	0	[n/a]	StandBy	20		
✔	[not-transferred]	11 Mar 08:19:04	[n/a]	[n/a]	nvo_t7_ifs-ens-cf_od_oper_fc_20260309T120000Z_20260309T120000Z_0h_X0080	0	0	[n/a]	StandBy	20		
✔	[not-transferred]	11 Mar 00:24:53	[n/a]	[n/a]	nvo_t7_ifs-ens-cf_od_oper_fc_20260309T000000Z_20260309T060000Z_6h_X0080	6	0	[n/a]	StandBy	20		
✔	[not-transferred]	11 Mar 00:24:35	[n/a]	[n/a]	nvo_t7_ifs-ens-cf_od_oper_fc_20260309T000000Z_20260309T090000Z_9h_X0080	9	0	[n/a]	StandBy	20		
✔	[not-transferred]	11 Mar 00:24:11	[n/a]	[n/a]	nvo_t7_ifs-ens-cf_od_oper_fc_20260309T000000Z_20260309T030000Z_3h_X0080	3	0	[n/a]	StandBy	20		
✔	[not-transferred]	11 Mar 00:23:12	[n/a]	[n/a]	nvo_t7_ifs-ens-cf_od_oper_fc_20260309T000000Z_20260309T000000Z_0h_X0080	0	0	[n/a]	StandBy	20		
									A/N/R	8		

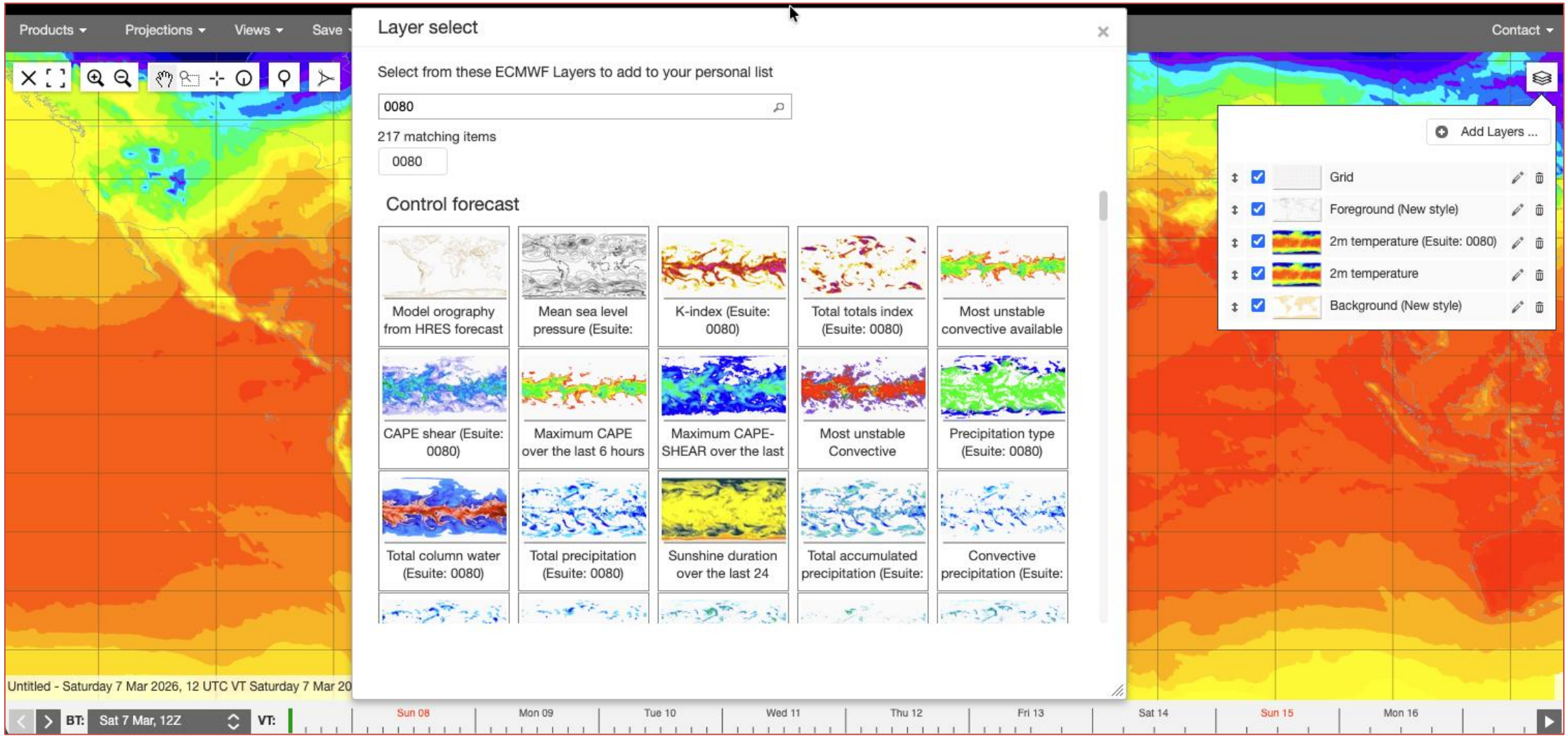
Access methods - ecCharts and Open Charts

Test charts available on ecCharts: https://eccharts.ecmwf.int/



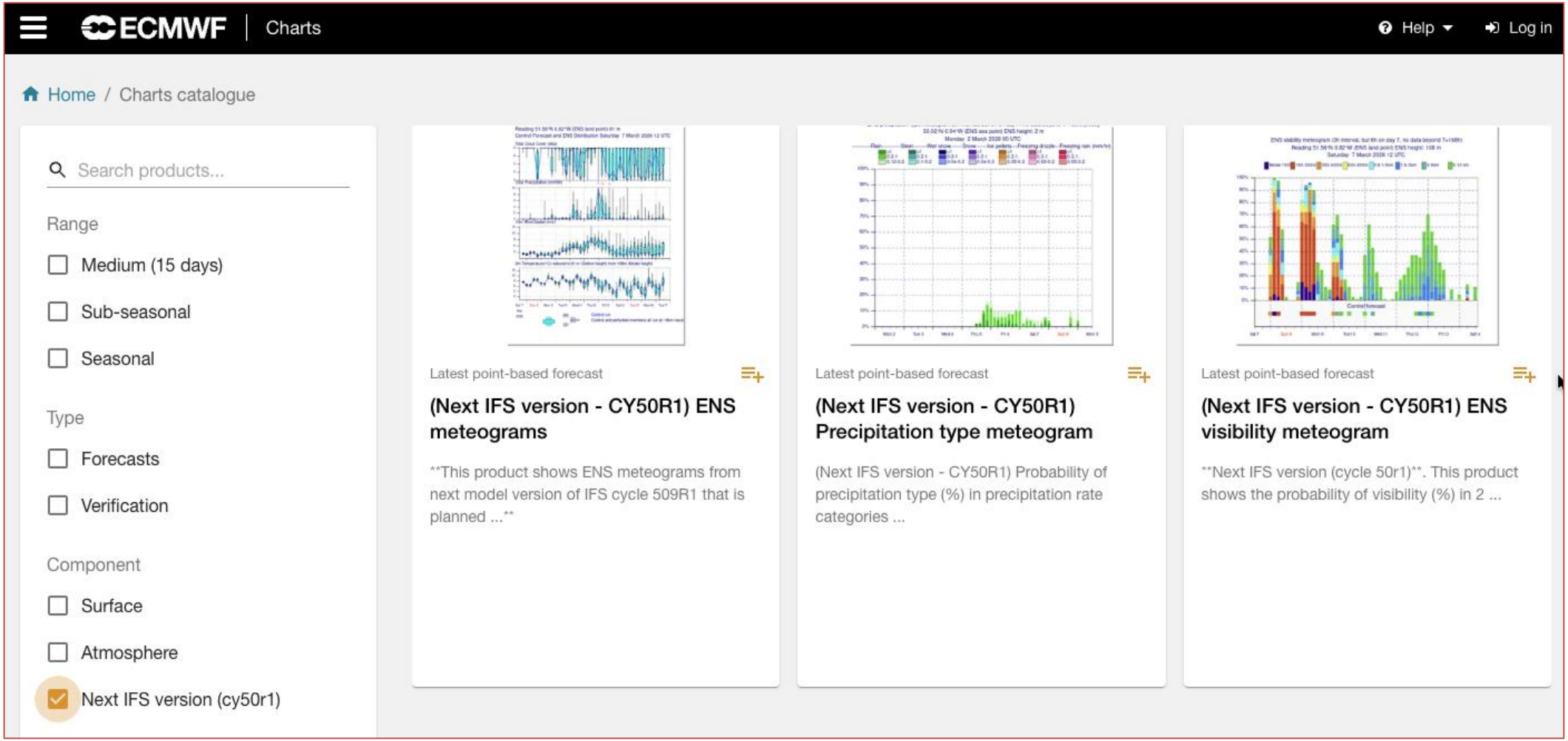
Access methods - ecCharts and Open Charts

Test charts available on ecCharts: https://eccharts.ecmwf.int/



Access methods - ecCharts and Open Charts

Test charts available on Open Charts: https://charts.ecmwf.int/



Testing Member and Co-operating State time-critical applications

Option 1 – simple time-critical jobs

- ECaccess ‘events’ can be used for testing user scripts with IFS cy50r1 test data

Event ID	Event name	Description
4303	e_ms096	At this stage, the e-suite step 096 Control (ex HRES-BC) has been generated.
1634	e_ms144	At this stage, the e-suite step 144 (ENS-BC) has been generated.
1635	e_ms240	At this stage, the e-suite step 240 of the Control (ex HRES) has been generated.
1636	e_ms360	At this stage, the e-suite step 360 (ENS) has been generated.
4306	e_ms360ref	At this stage, the e-suite ENS reforecast products have been updated.
1638	e_ms1104	At this stage, the e-suite step 1104 of the sub-seasonal range forecast has been generated.
4305	e_ms1104ref	At this stage, the e-suite sub-seasonal range reforecast products have been updated.
1547	cams_00_test	At this stage, the CAMS forecast *test* model at 00UTC - step 120 - is complete (e-suite).
1548	cams_12_test	At this stage, the CAMS forecast *test* model at 12UTC - step 120 - is complete (e-suite).
4102	ghg_test	At this stage, the CAMS Greenhouse gas TEST forecast model is complete (e-suite)

- For these events, the **`MSJ_EXPVER`** environment variable is set to 0080. Use in MARS retrievals to specify the IFS cy50r1 test data.

Options 2 and 3: Applications should be tested with the IFS cy50r1 test data either retrieved from MARS or provided through the test dissemination

Accessing 50r1 Test Data -
For users receiving data directly from ECMWF

For Member & Co-operating States & Gold and Silver Users:

Access your 50r1 data requirements via the test platform (TPREd):

https://products.ecmwf.int/esuite/requirements

Access your 50r1 data files via the test ECPDS (XDISS):

https://xdiss-monitor.ecmwf.int/

Access historic data via MARS (if applicable) using **expver 0080**

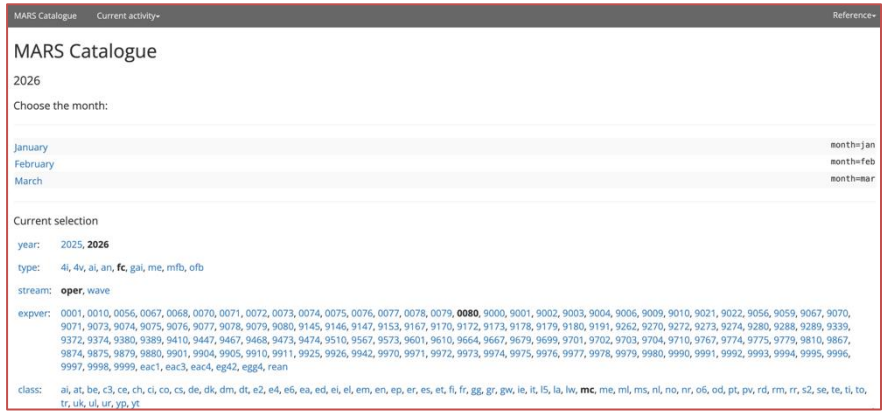
For Basic, Bronze and Research Users:

Complete the RCP 50r1 - Test System User Details form.

Contact the User Services Section via the Support Portal to request copies of your new data.

Access to IFS Cycle 50r1 for CAMS data

- MARS Archive
  - **Class = mc** and expver = 0080 is available
  - Note that expver=80 data may not be available before May 2025.
- Dissemination
  - CAMS data is available in dissemination as well
- Additionally:
  ECMWF data portal (aux.ecmwf.int; SFTP/FTP/HTTPS data access)
  following directories:
  - /DATA/CAMS_GLOBAL_TEST
  - /DATA/CAMS_GLOBAL_ADDITIONAL_TEST
  - /DATA/CAMS_EUROPE_BC_TEST



https://confluence.ecmwf.int/display/CKB/Accessing+CAMS+global+forecast+50r1+test+data

4. AIFS v2 data information

#IFS50r1 #AIFSv2 #newfcsystem @ECMWF

Data summary

	AIFS Single	AIFS ENS
Dataset description:	https://www.ecmwf.int/en/forecasts/datasets/set-ix	https://www.ecmwf.int/en/forecasts/datasets/set-x
Forecast runs per day:	00, 06, 12 and 18	
Time steps:	6-hourly	
Forecast length:	15 days	
Grid resolution:	N320 Gaussian grid, equivalent to 0.25° lat/lon resolution (≈31 km)	

- All AIFS data is produced in GRIB edition 2 format

Data changes – v2 GRIB encoding (both models)

generatingProcessIdentifier

Model	Model version		
	v1	v1.1	v2
AIFS Single	3	4	5
AIFS ENS	1	N/A	2

```
grib_get -p generatingProcessIdentifier <file.grib2>
```

tablesVersion (compatible with ecCodes 2.46.0)

Model	Model version		
	v1	v1.1	v2
AIFS Single	34	34	36
AIFS ENS	35	N/A	36

```
grib_get -P tablesVersion <file.grib2>
```

Data changes – v2 GRIB encoding (AIFS ENS)

productDefinitionTemplateNumber

- Encoding will be changed for ENS control forecast at step 0

Parameters	productDefinitionTemplateNumber	
	AIFS ENS v1	AIFS ENS v2
100u, 100v, hcc, lcc, mcc, tcc,	0	1
ssrd, strd, sf, tp, rowe	8	11

*See https://codes.ecmwf.int/grib/format/grib2/ctables/4/0/ for a description of template numbers

The keys below will also be added for these parameters in V2:

perturbationNumber=0

numberOfForecastsInEnsemble=51

New parameters (both models)

New wave products 

Param ID	Short Name	Name	Units
140114	h1012	Significant wave height of all waves with periods within the inclusive range from 10 to 12 seconds	m
140115	h1214	Significant wave height… from 12 to 14 seconds	m
140116	h1417	Significant wave height… from 14 to 17 seconds	m
140117	h1721	Significant wave height… from 17 to 21 seconds	m
140118	h2125	Significant wave height… from 21 to 25 seconds	m
140119	h2530	Significant wave height… from 25 to 30 seconds	m
140219	wmb	Model bathymetry	m
140229	swh	Significant wave height	m
140230	mwd	Mean wave direction	Degree true
140232	mwp	Mean wave period	s
140233	cdww	Coefficient of drag with waves	dimensionless

New parameters (both models)

New snow products 

Param ID	Short Name	Name	Units
228141	sd	Snow depth	kg m^{-2}
260038	snowc	Snow cover	%

A new pressure level, 10 hPa, will be added for parameters Z, U, V, T, W

- NOT for parameter Q (specific humidity)

New parameters (AIFS ENS)

Harmonising AIFS ENS with AIFS Single

Param ID	Short Name	Name	Units	Level
228143	cp	Convective precipitation	kg m^{-2}	sfc
260199	vsw	Volumetric soil moisture	m^3 m^{-3}	sol*

*sol = soil layers.
Valid levels are 1 and 2, which represent 0-7 cm and 7-28 cm, respectively.

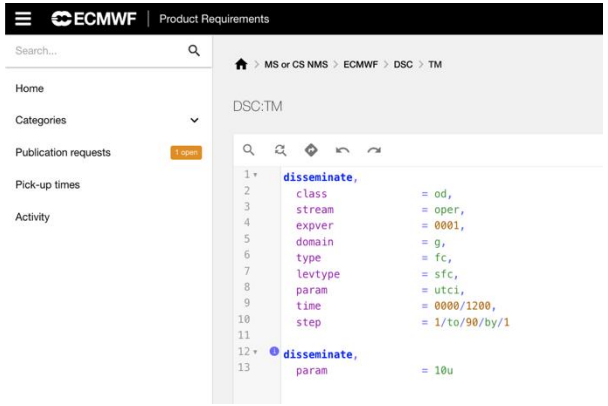
5. AIFS Data Access & Testing

Coming soon!

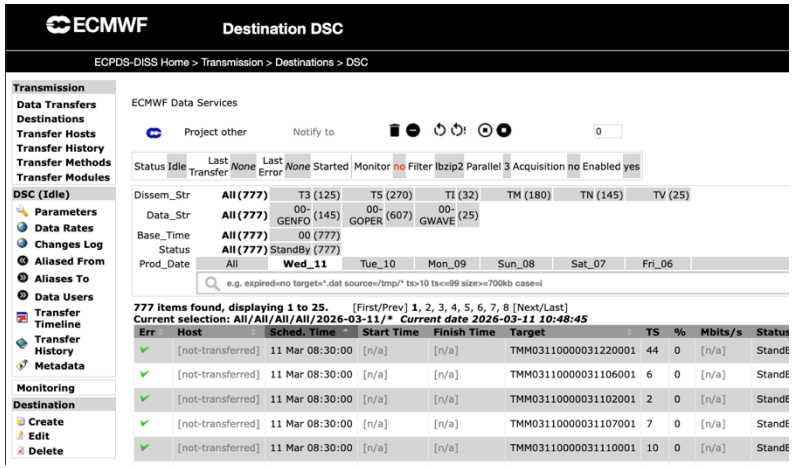
#IFS50r1 #AIFSv2 #newfcsystem @ECMWF

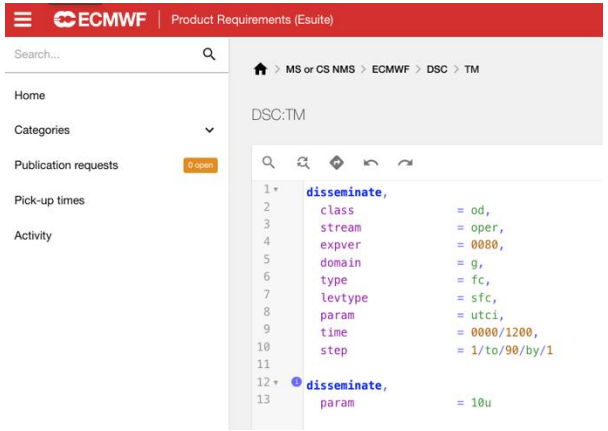
Testing of disseminated AIFS Single V2 and AIFS ENS V2 products

Production of AIFS Single and ENS V2 will run in parallel with the operational production of AIFS Single and ENS V1.

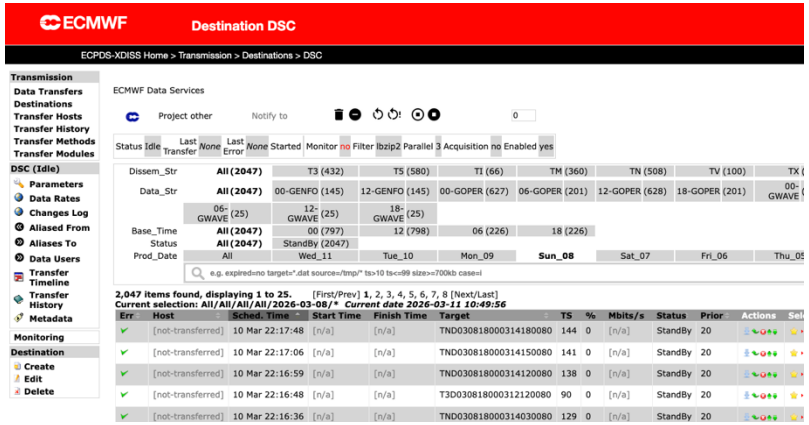


- 49r1 IFS
- AIFS Single V1
- AIFS ENS V1





- 50r1 IFS
- AIFS Single V2
- AIFS ENS V2



Testing of the AIFS single V2 and AIFS ENS V2 data

Basic, Bronze, Research users

- Complete the RCP 50r1 - Test System User Details form
- Data Support will contact you and set up the test for you
- Once all looks good, let us know

Test data are **strictly for non-operational use**. Test products are intended for internal testing and validation only and must not be used in operational services or shared on social media.

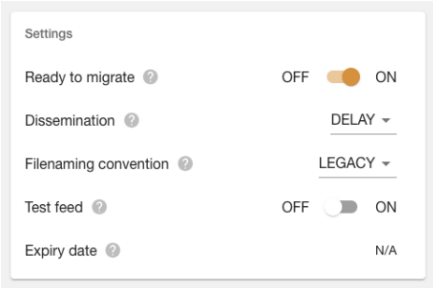
Silver, Gold and MS/CS users

- You can access the test systems yourself:

  TPREd: **https://products.ecmwf.int/esuite/requirements/**
  XDISS: **https://xdiss-monitor.ecmwf.int**

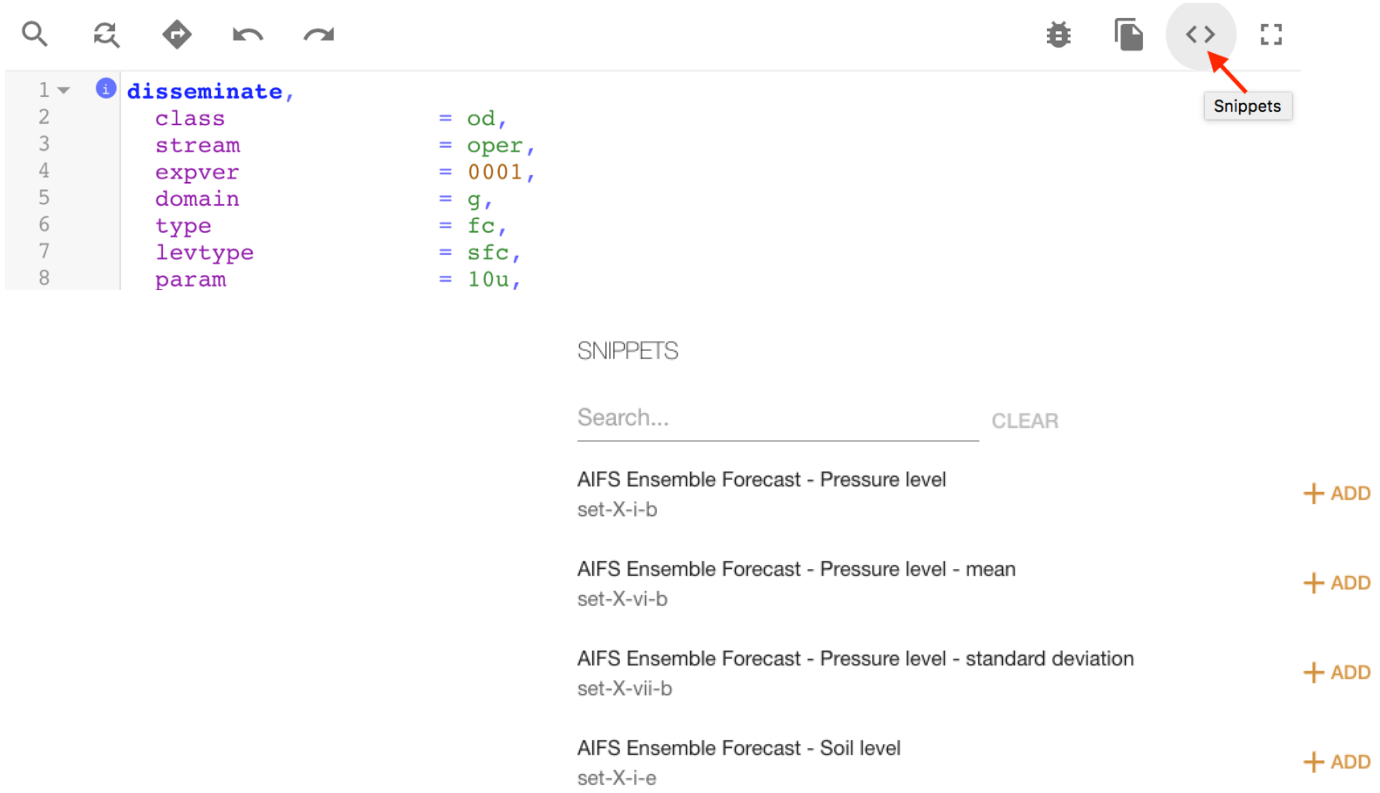
- All data requirements in the test PREd (TPREd) have already been adjusted to ensure compatibility with the Cycle 50r1 and AIFS Single V2 and AIFS ENS V2 data

- Once satisfied, toggle the 'Ready to migrate' button



Installing data in TPREd

- We recommend using the snippets to install data.
- The snippets have been updated for IFS 50r1 and AIFS Single V2 and AIFS ENS V2



Priority of AIFS data will be changing

- Currently, AIFS data are preferentially disseminated after IFS data.
- With this cycle upgrade, the priorities of AIFS are aligned with the IFS products.
- You can manually adjust these priorities in TPREd, using the 'priority=' keyword.

Dataset	Default priority
AIFS Single	90
AIFS ENS	90

Dataset	Default priority
AIFS Single (oper)	20
AIFS Single (wave)	30
AIFS ENS (enfo)	40
AIFS ENS (waef)	50

File naming and experiment version number

- The file naming convention for AIFS data always follows the 'ECMWF' file naming convention

Destination	Feed	ModelName	Class	Stream	Type	BasedDate (YearMonthDayTHourMinuteSecondsZ)	ValidDate (YearMonthDayTHourMinuteSecondsZ)	Step	Experiment (Optional)
abc	a1	aifs-ens	ai	enfo	pf	20250725T000000Z	20250808T180000Z	354	
abc_a1_aifs-ens_ai_enfo_pf_20250725T000000Z_20250808T180000Z_354h									

- There will be two new stream/type combinations: wave_fc for AIFS Single V1 and waef_cf/pf for AIFS ENS V2.
- The experiment version number for AIFS Single V2 and AIFS ENS V2 is 105 during Release Candidate Phase. **On the cycle implementation date, AIFS Single V2 data and AIFS ENS V2 data will be under expver 0001.**

Data	Experiment version number
Operational IFS and AIFS data	0001
IFS Cycle 50r1 data	0080
AIFS Single V2 and AIFS ENS V2	0105

Data retention and automatic delivery of test data

- We keep the test files on the test ECPDS for a period of **5 days**
- Extending the lifetime of the files on the test ECPDS will **not** extend the retention time
- You can put the data on the test PREd in **'normal'** mode
- In 'normal' mode, the data will be disseminated between operational windows. There is no fixed delivery schedule and **delays of up to one or two days are possible**
- Putting your data in **'pre-schedule mode'** will not make the test data come earlier

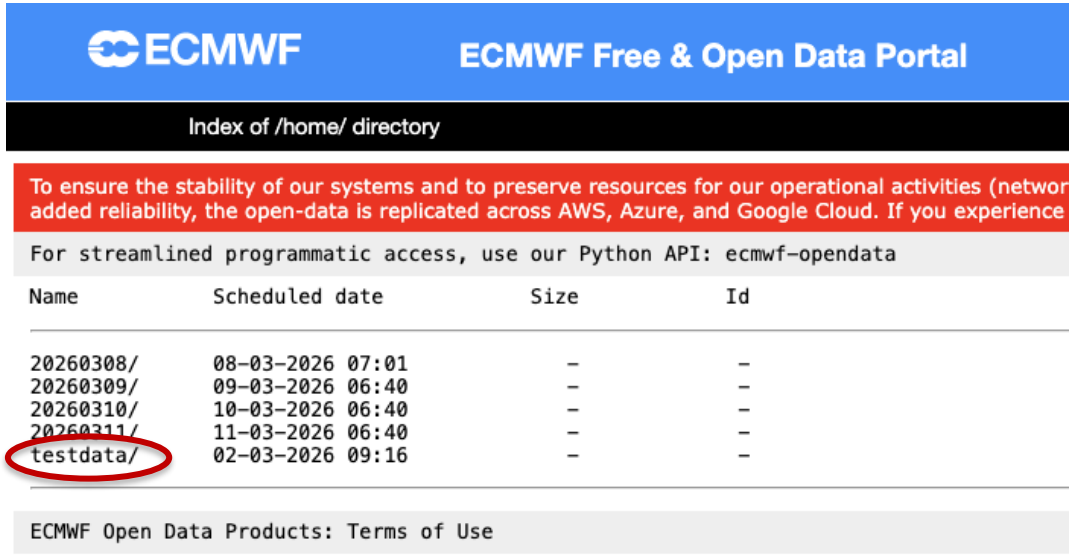
AIFS Single V2 data and AIFS ENS V2 in MARS Archive

- AIFS Single V2 data and AIFS ENS V2 data will become available in MARS Archive
- The experiment version (expver) will be 105

On the cycle implementation date, AIFS Single V2 data and AIFS ENS V2 data will be under expver 0001

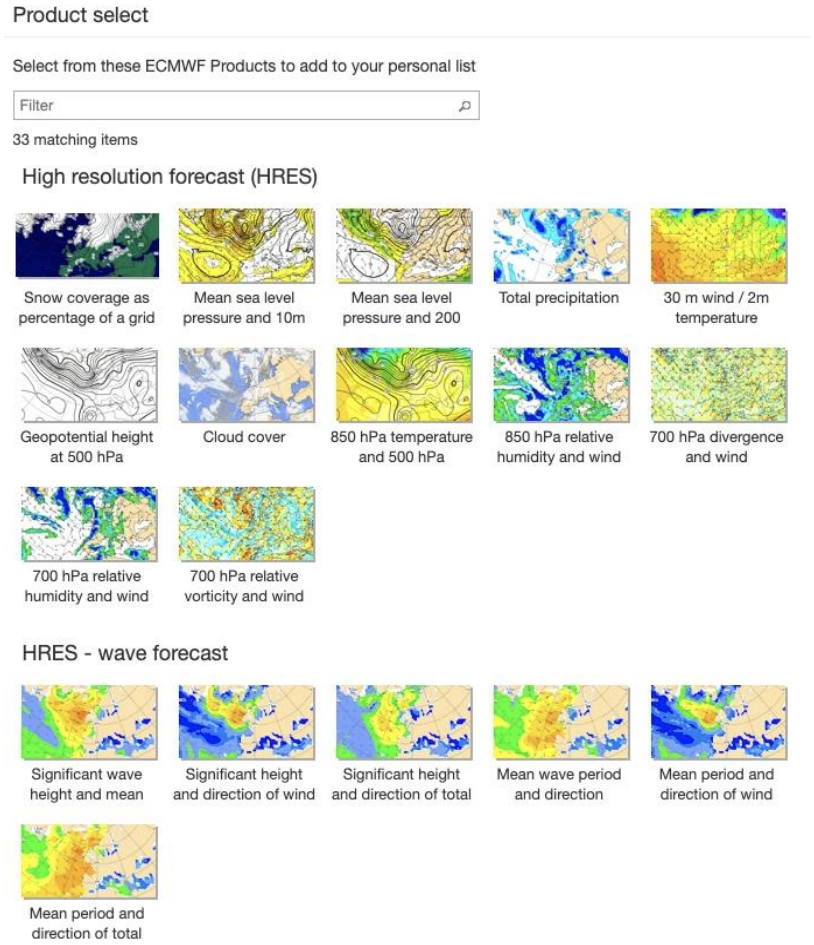
AIFS Single V2 data and AIFS ENS V2 in Open Data

- RCP test data will soon be also available as free and open data at the ECMWF Free & Open Data Portal



AIFS Single V2 data and AIFS ENS V2 on opencharts/ecCharts

- AIFS Single V2 and AIFS ENS V2 data meteograms will be available on opencharts
- Forecast charts and meteograms will be available on ecCharts: https://eccharts.ecmwf.int/



6. How to get support

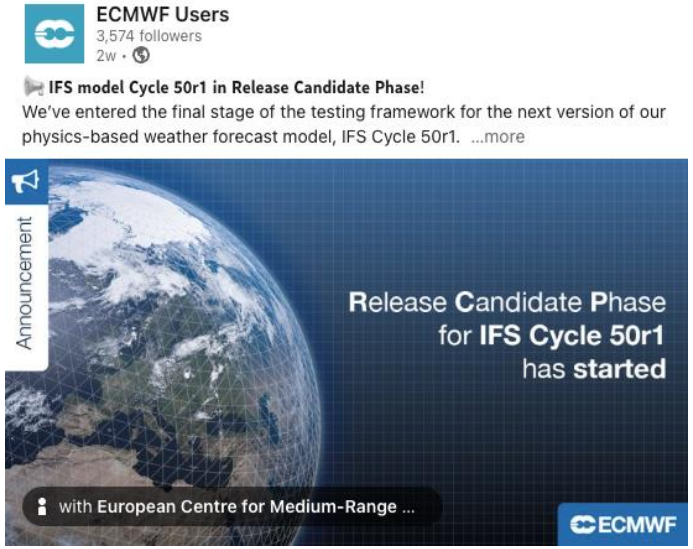
#IFS50r1 #AIFSv2 #newfcsystem @ECMWF

Information channels

IFS & AIFS upgrades Mailing list – to join send **subscribe** to forecast_changes-request@lists.ecmwf.int

ECMWF User Forum - https://forum.ecmwf.int/

ECMWF Users LinkedIn Channel https://www.linkedin.com/showcase/ecmwf-users/



Implementation pages:

- IFS Cycle 50r1
- AIFS Single v2
- AIFS ENS v2

Information channels

IFS model upgrades YouTube playlist:
https://youtube.com/playlist?list=PLwv2rZ5UPWUHNOeVBsR4A3h6w_GkpnEEl&si=jWel6SBjzidQPa3M

AIFS model upgrades YouTube playlist:
https://youtube.com/playlist?list=PLwv2rZ5UPWUEMJ_IDBdaU-79y2wLv4Al-&si=Nk4MZn43Q3uiJ7aN

Subscribe! https://www.youtube.com/@ecmwf

Support & feedback

ECMWF Support Portal - https://confluence.ecmwf.int/site/support

ECMWF User Forum - https://forum.ecmwf.int/

Thank you for your attention!

#IFS50r1 #AIFSv2 #newfcsystem @ECMWF