

Weather brief Shetland Race 25-30. June 2014

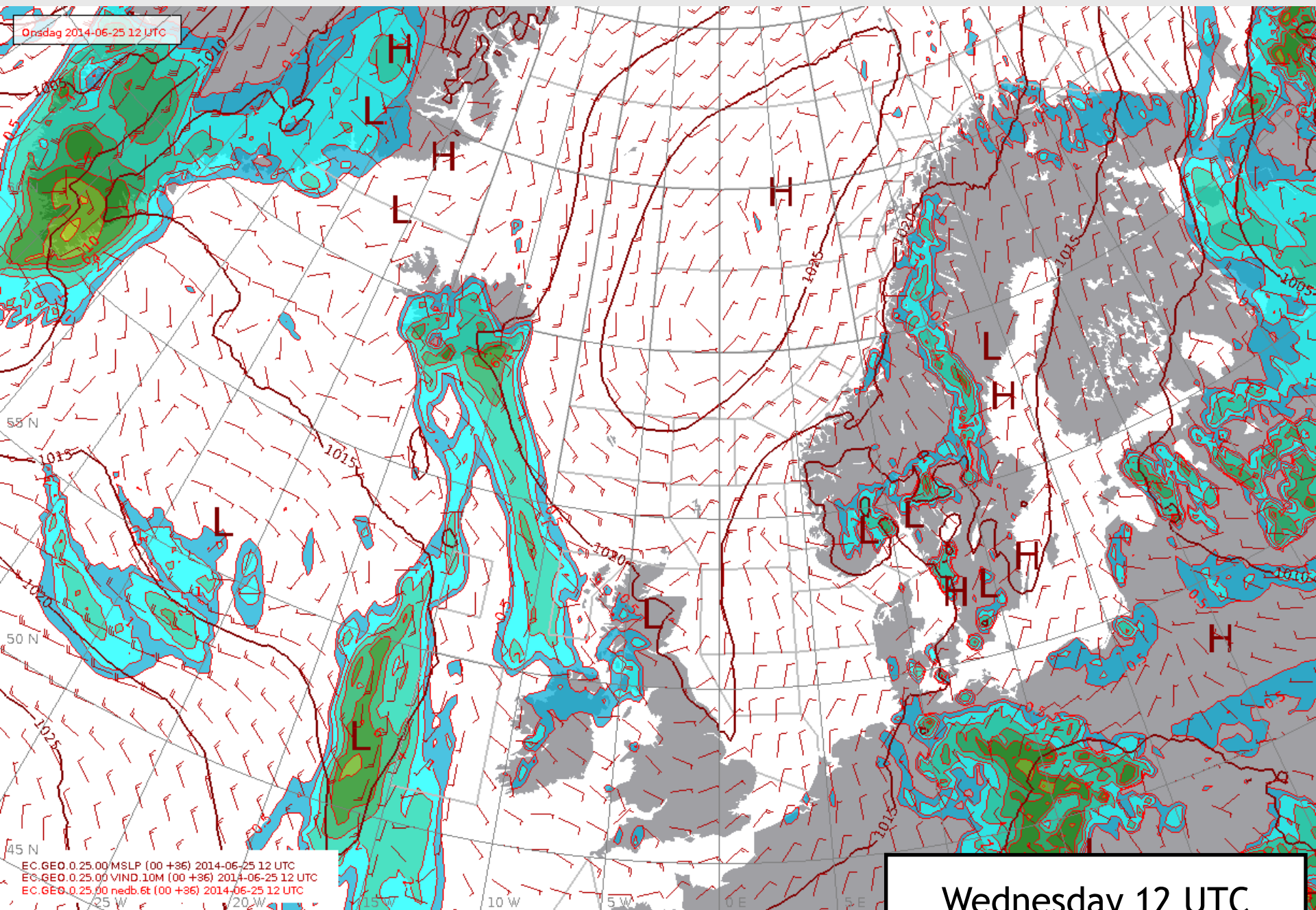
Johannes Röhrs and Birgitte Furevik



Overview

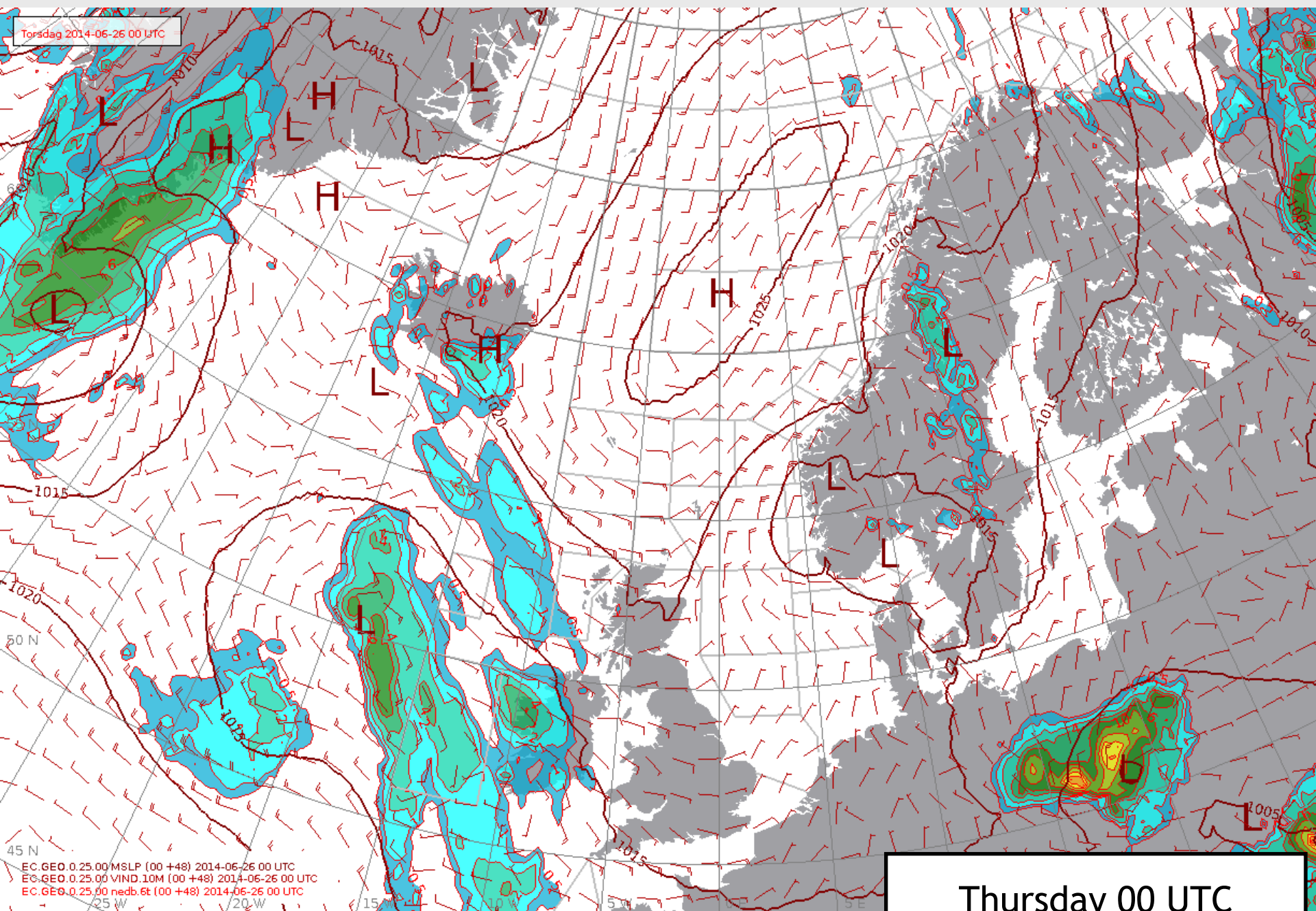
- Wind/weather conditions
- Outlook for the return
- Wave conditions
- Current/tides

Onsdag 2014-06-25 12 UTC



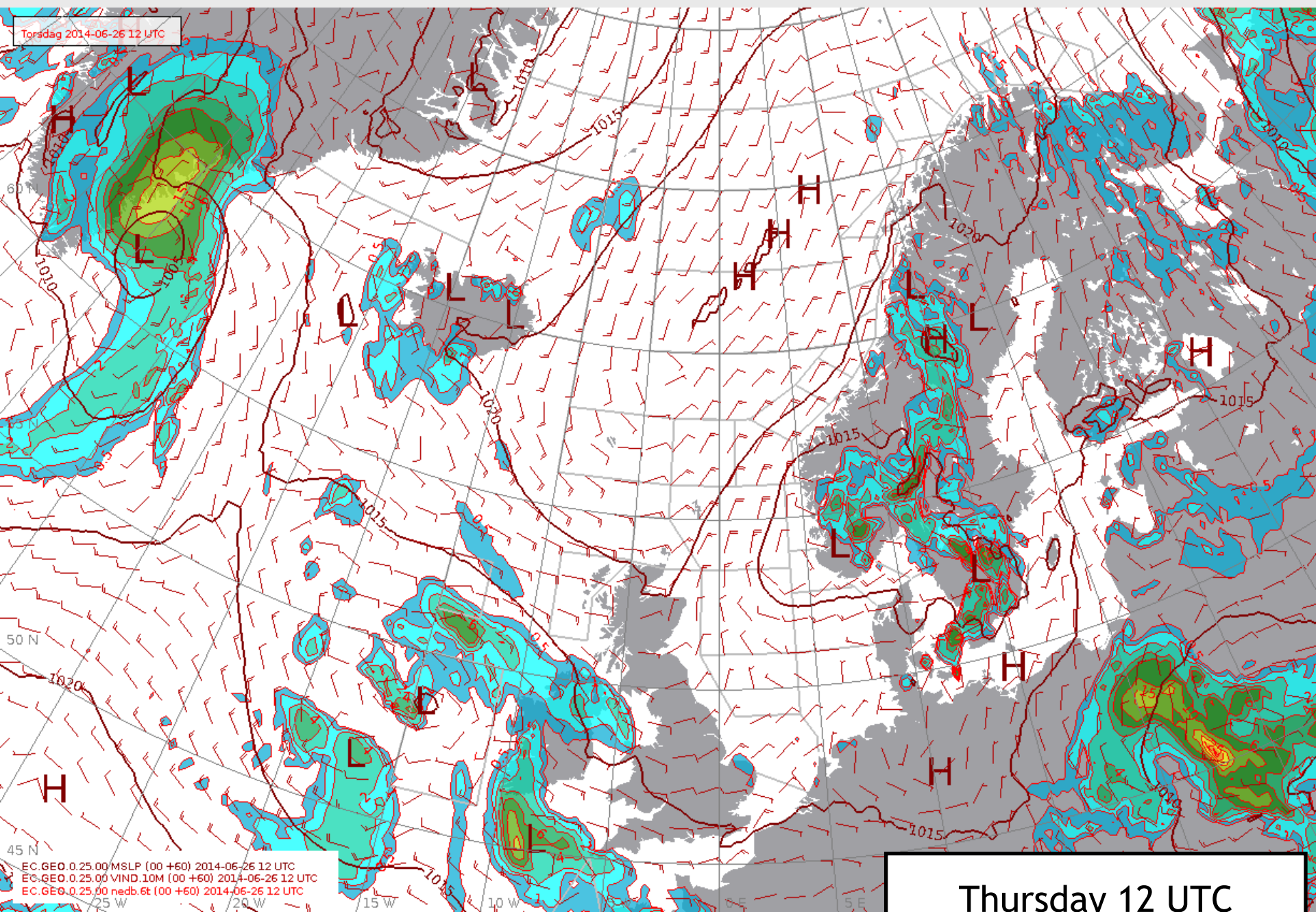
EC.GEO.0.25.00 MSLP (00 +36) 2014-06-25 12 UTC
EC.GEO.0.25.00 VIND.10M (00 +36) 2014-06-25 12 UTC
EC.GEO.0.25.00 nedb.6t (00 +36) 2014-06-25 12 UTC

Wednesday 12 UTC



Thursday 00 UTC

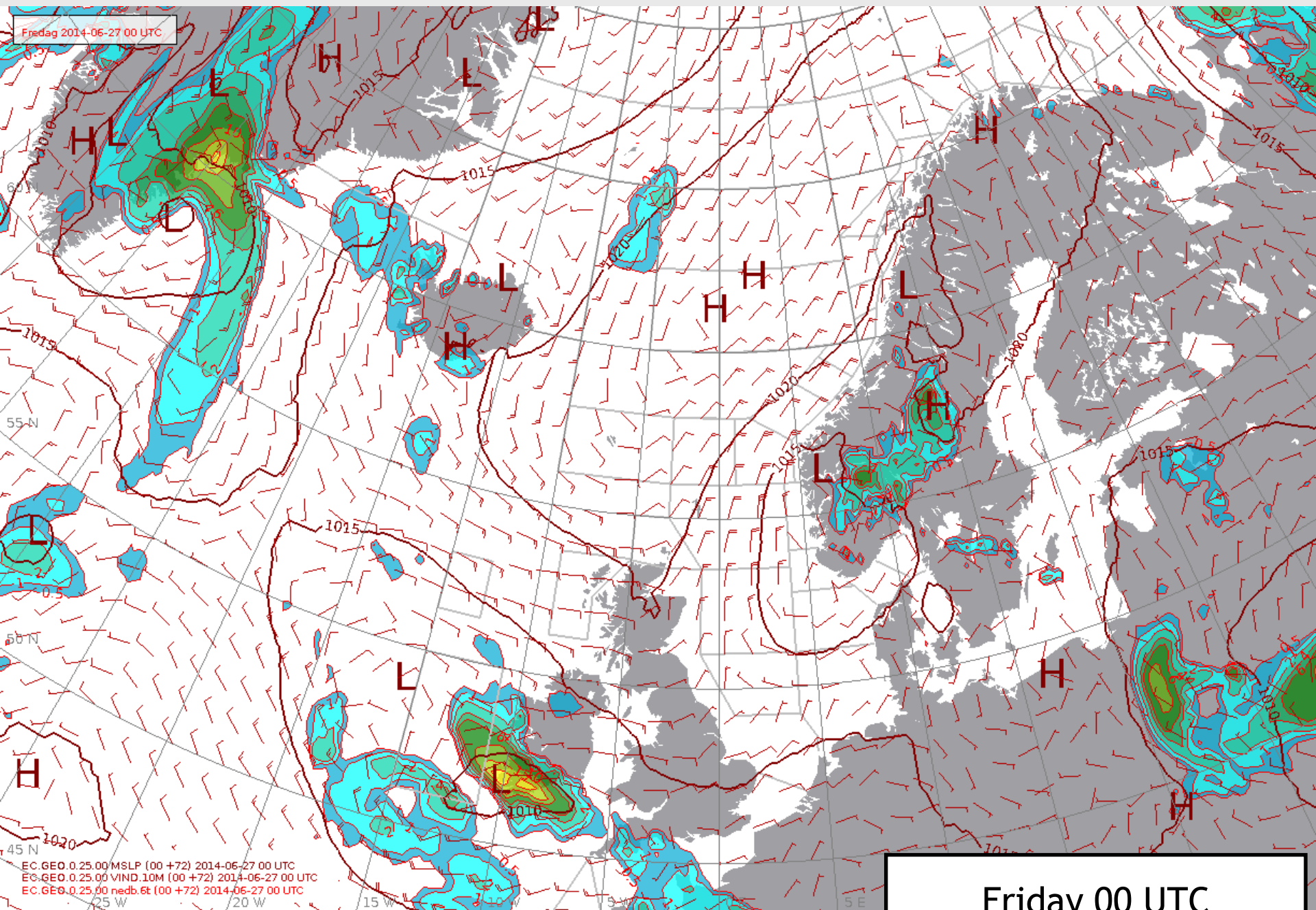
Torsdag 2014-06-26 12 UTC



EC.GEO.0.25.00 MSLP (00 +60) 2014-06-26 12 UTC
EC.GEO.0.25.00 VIND.10M (00 +60) 2014-06-26 12 UTC
EC.GEO.0.25.00 nedb.6t (00 +60) 2014-06-26 12 UTC

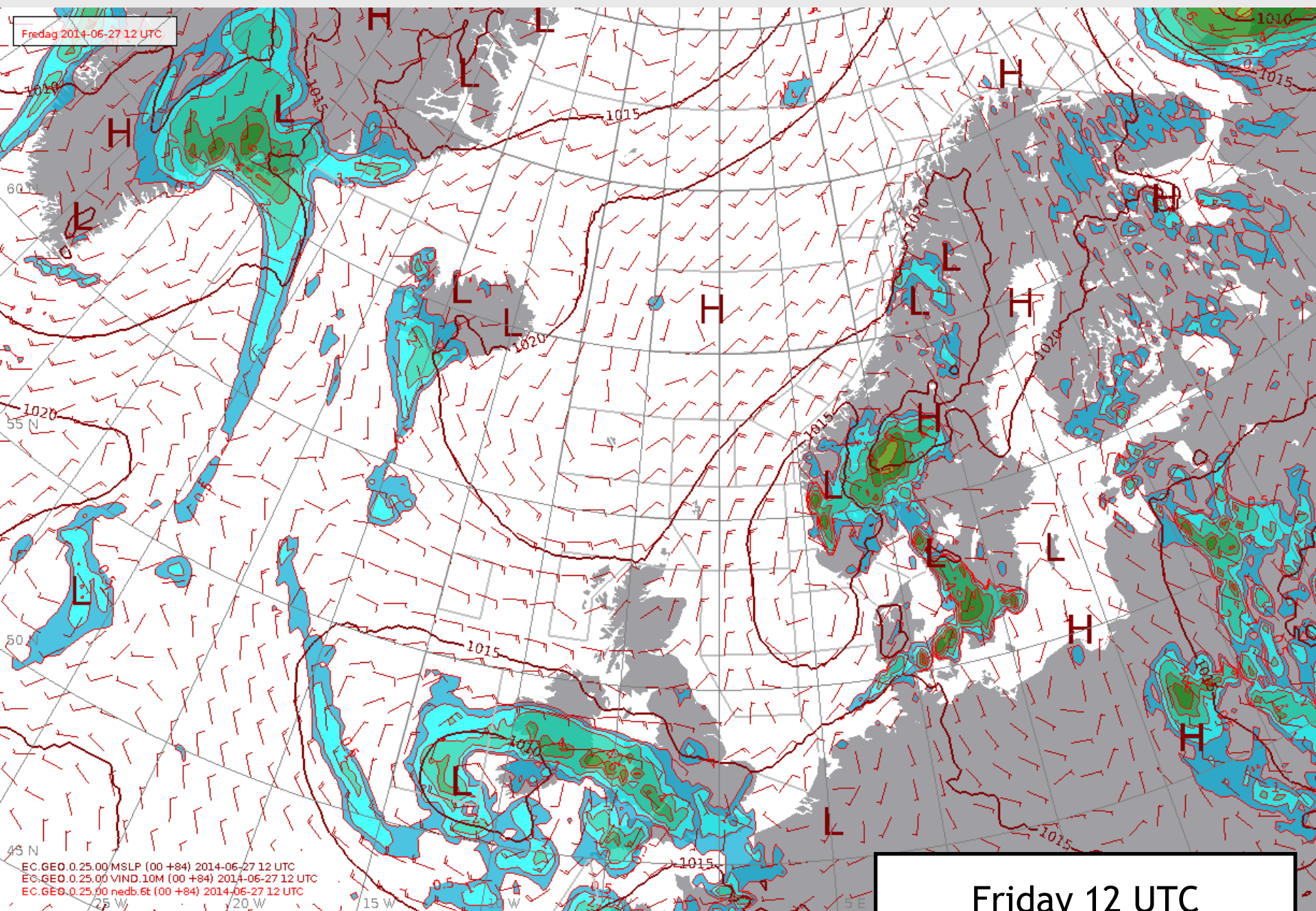
Thursday 12 UTC

Freitag 2014-06-27 00 UTC



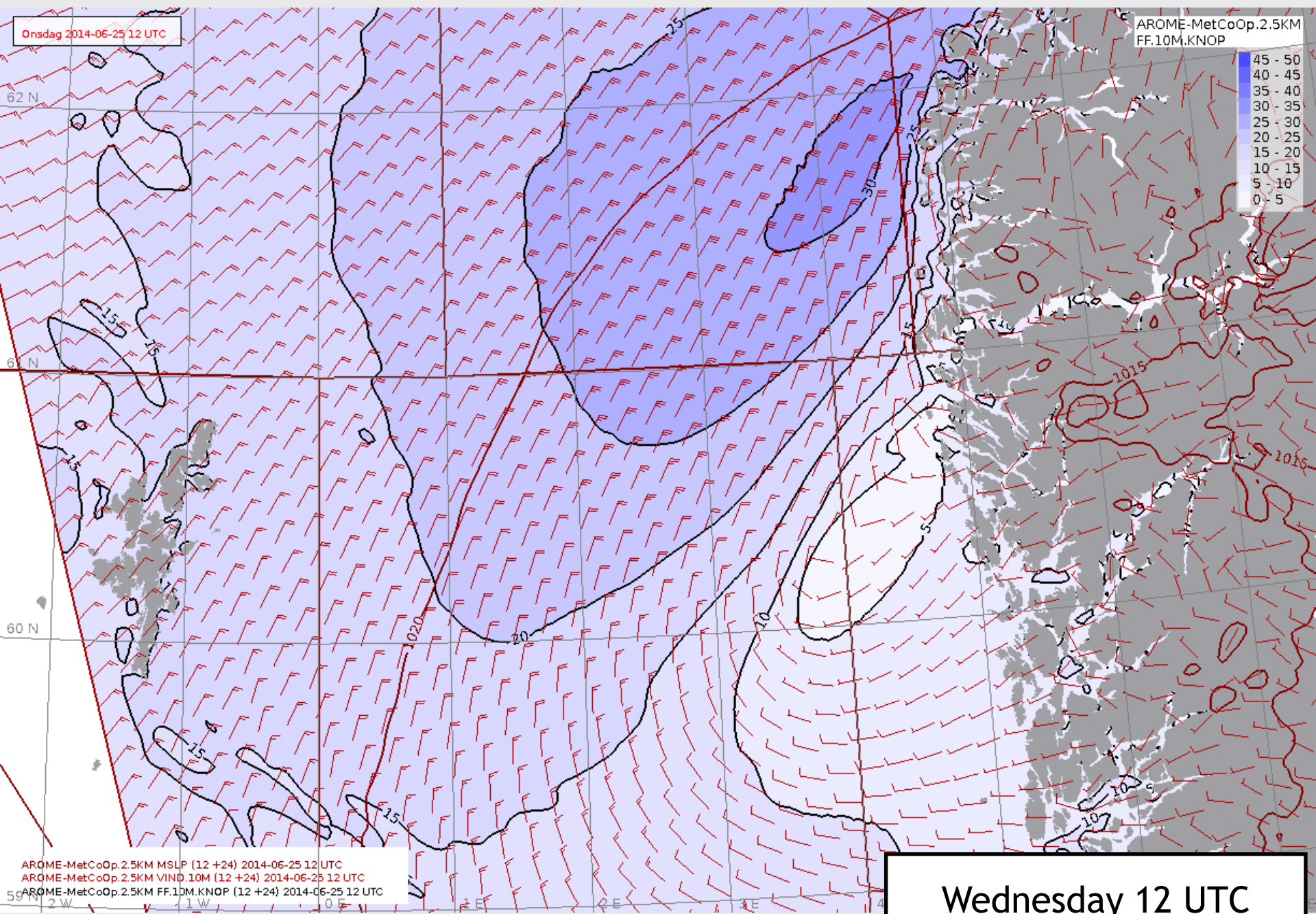
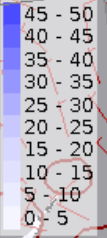
EC.GEO.0.25.00 MSLP (00 +72) 2014-06-27 00 UTC
EC.GEO.0.25.00 VIND.10M (00 +72) 2014-06-27 00 UTC
EC.GEO.0.25.00 nedb.6t (00 +72) 2014-06-27 00 UTC

Friday 00 UTC



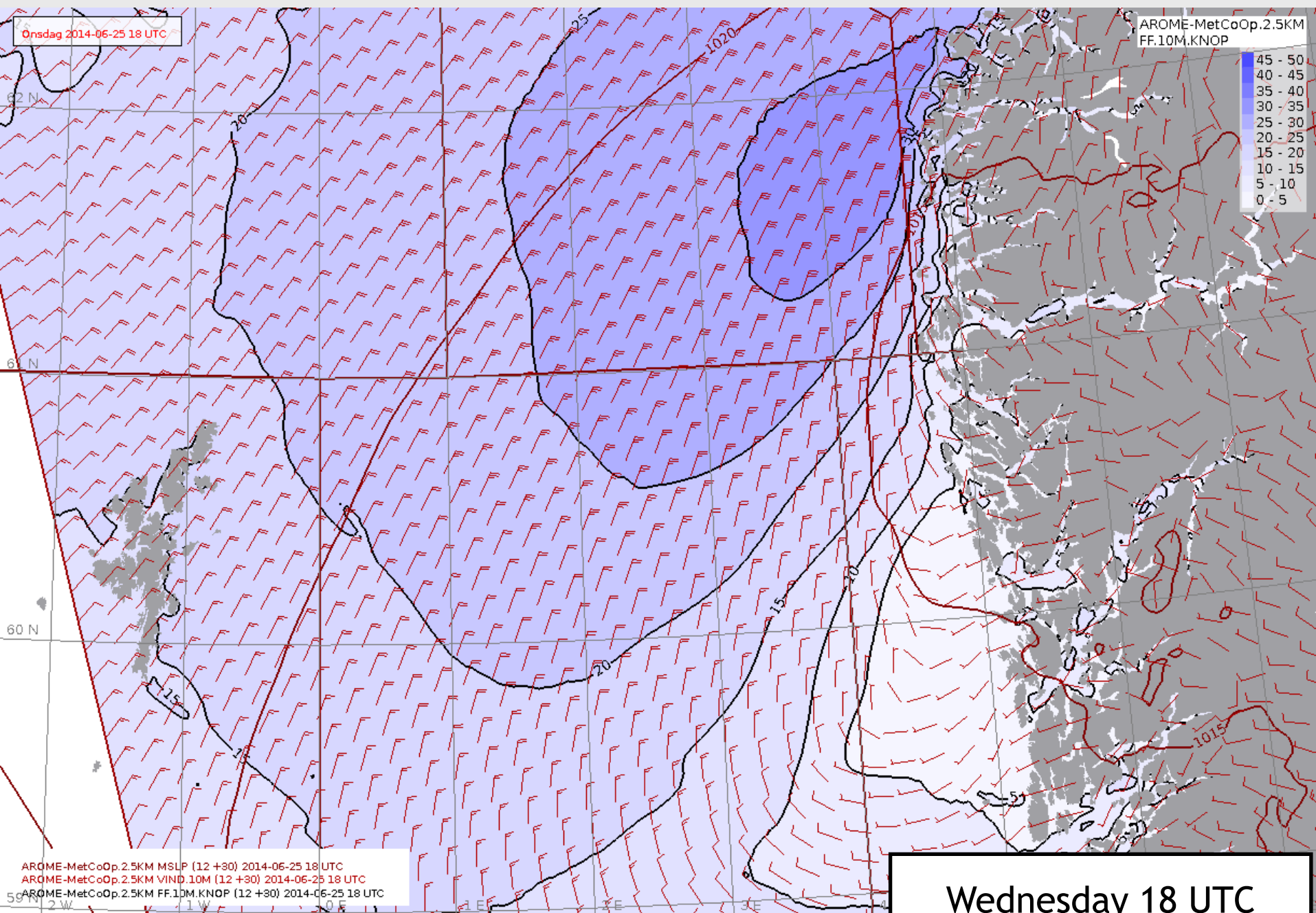
Onsdag 2014-06-25 12 UTC

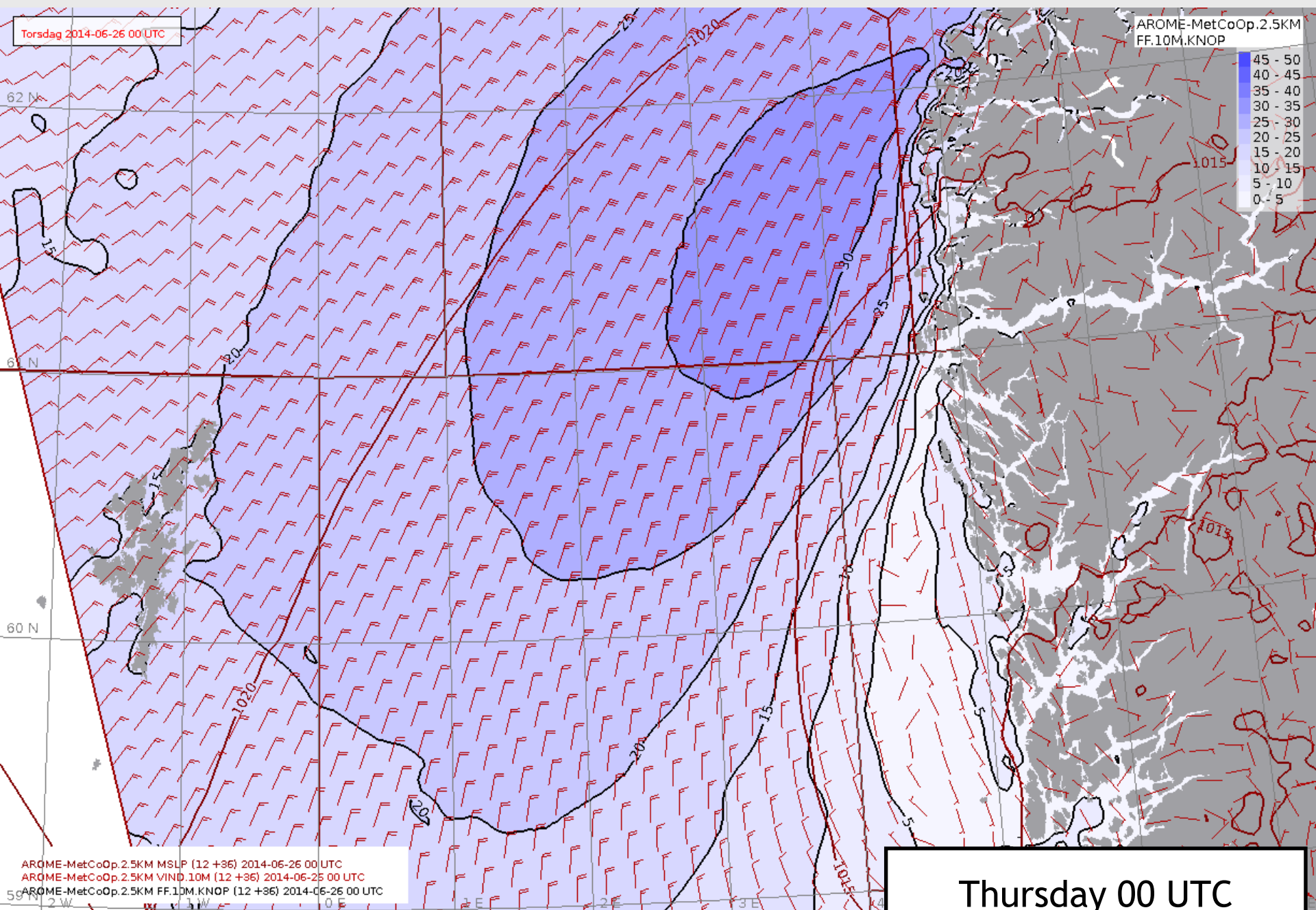
AROME-MetCoOp.2.5KM
FF.10M.KNOP



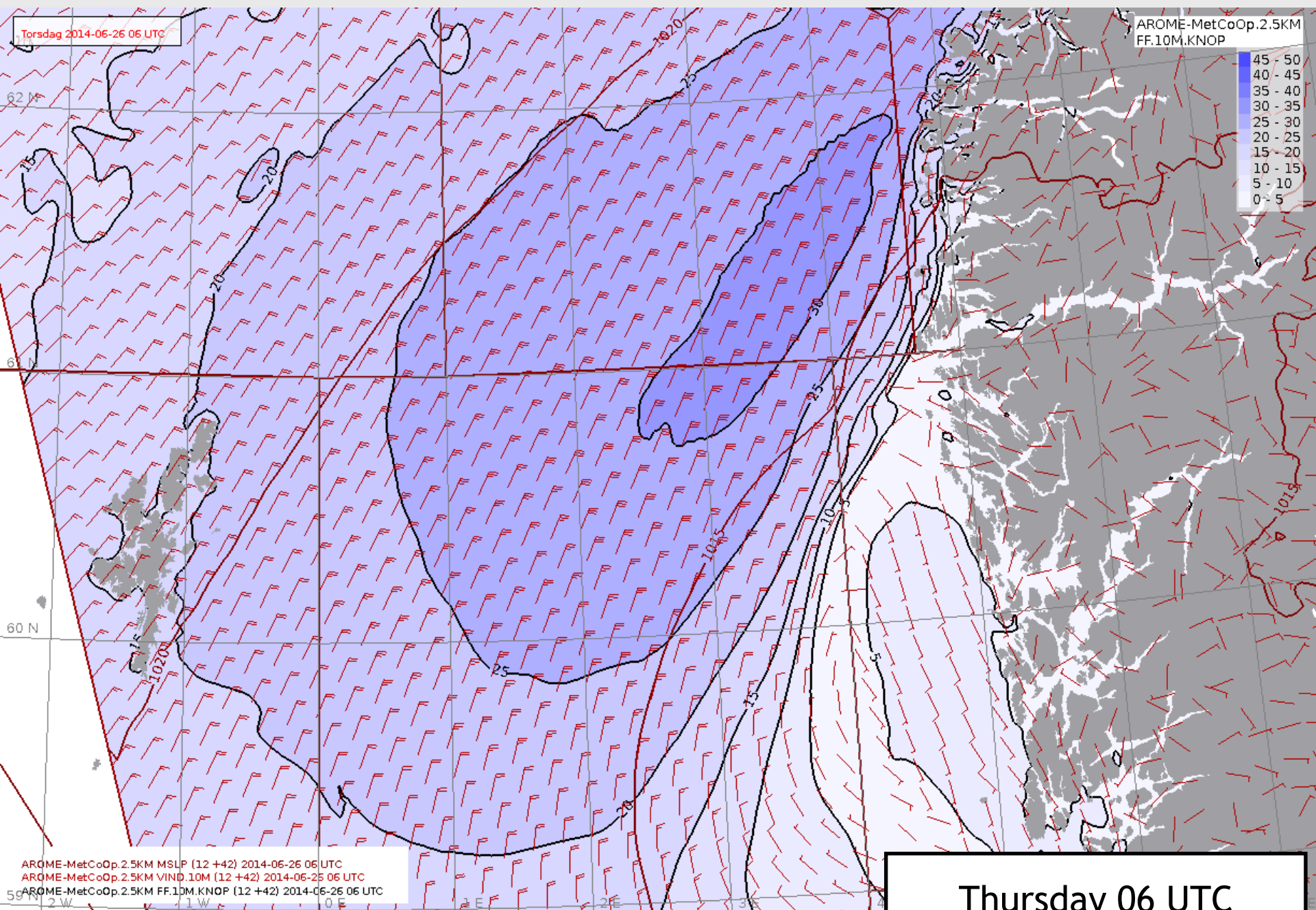
AROME-MetCoOp.2.5KM MSLP (12 +24) 2014-06-25 12 UTC
AROME-MetCoOp.2.5KM VIND.10M (12 +24) 2014-06-25 12 UTC
AROME-MetCoOp.2.5KM FF.10M.KNOP (12 +24) 2014-06-25 12 UTC

Wednesday 12 UTC





Thursday 00 UTC



Thursday 06 UTC

Torsdag 2014-06-26 12 UTC

Thursday 12 UTC

AROME-MetCoOp.2.5KM
FF.10M.KNOP

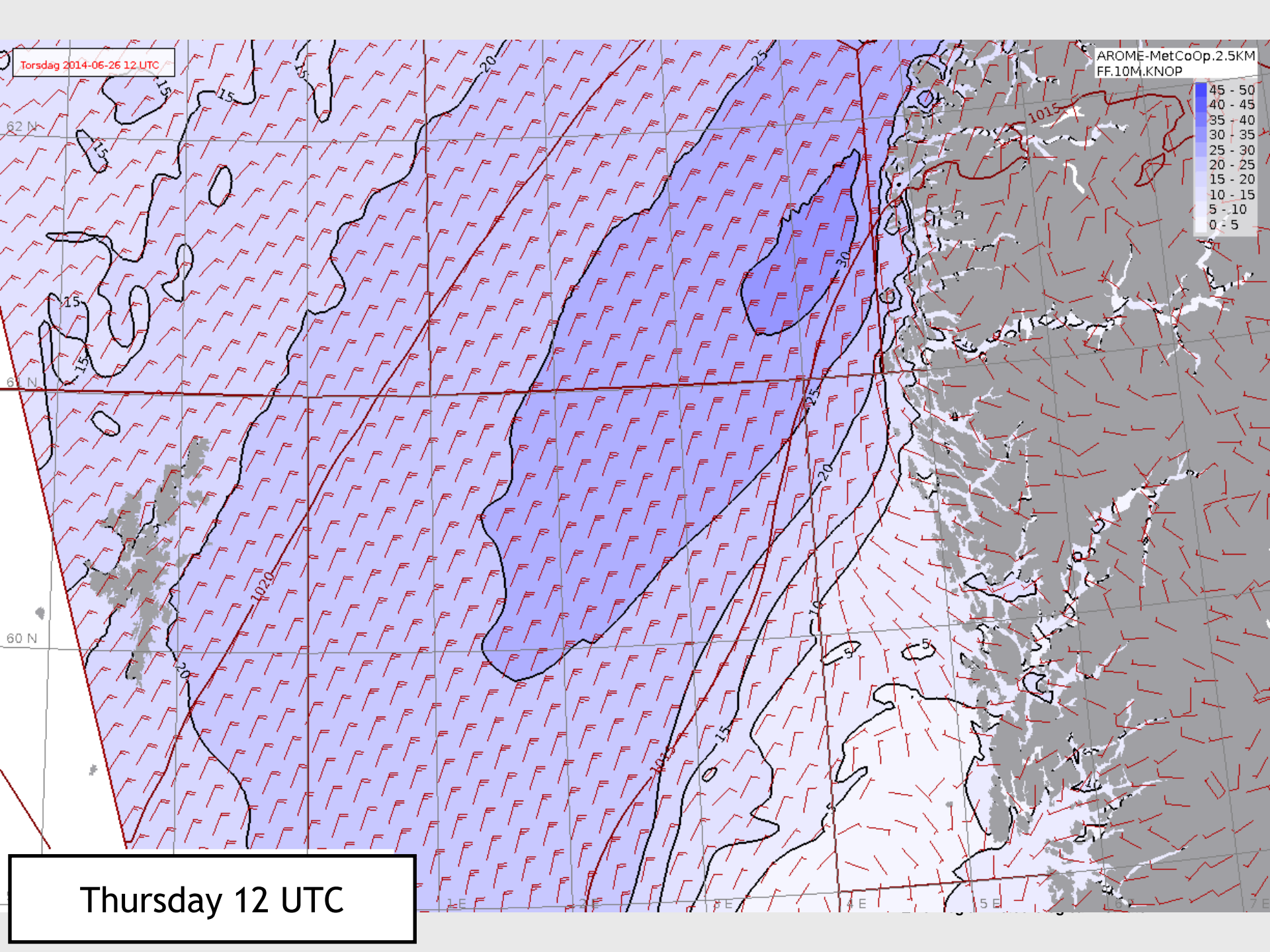
45 - 50
40 - 45
35 - 40
30 - 35
25 - 30
20 - 25
15 - 20
10 - 15
5 - 10
0 - 5

Torsdag 2014-06-26 12 UTC

Thursday 12 UTC

AROME-MetCoOp.2.5KM
FF.10M.KNOP

45 - 50
40 - 45
35 - 40
30 - 35
25 - 30
20 - 25
15 - 20
10 - 15
5 - 10
0 - 5

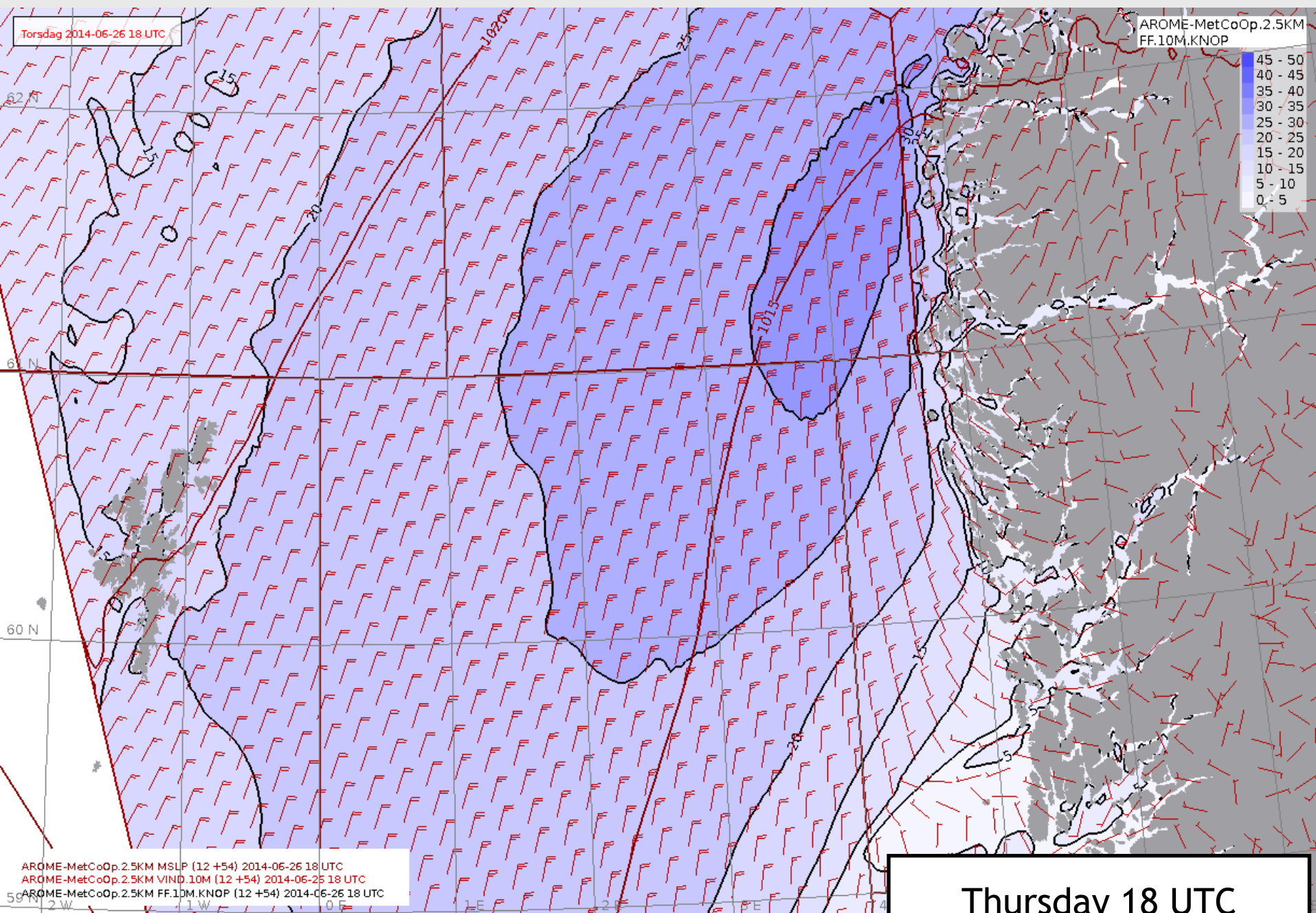


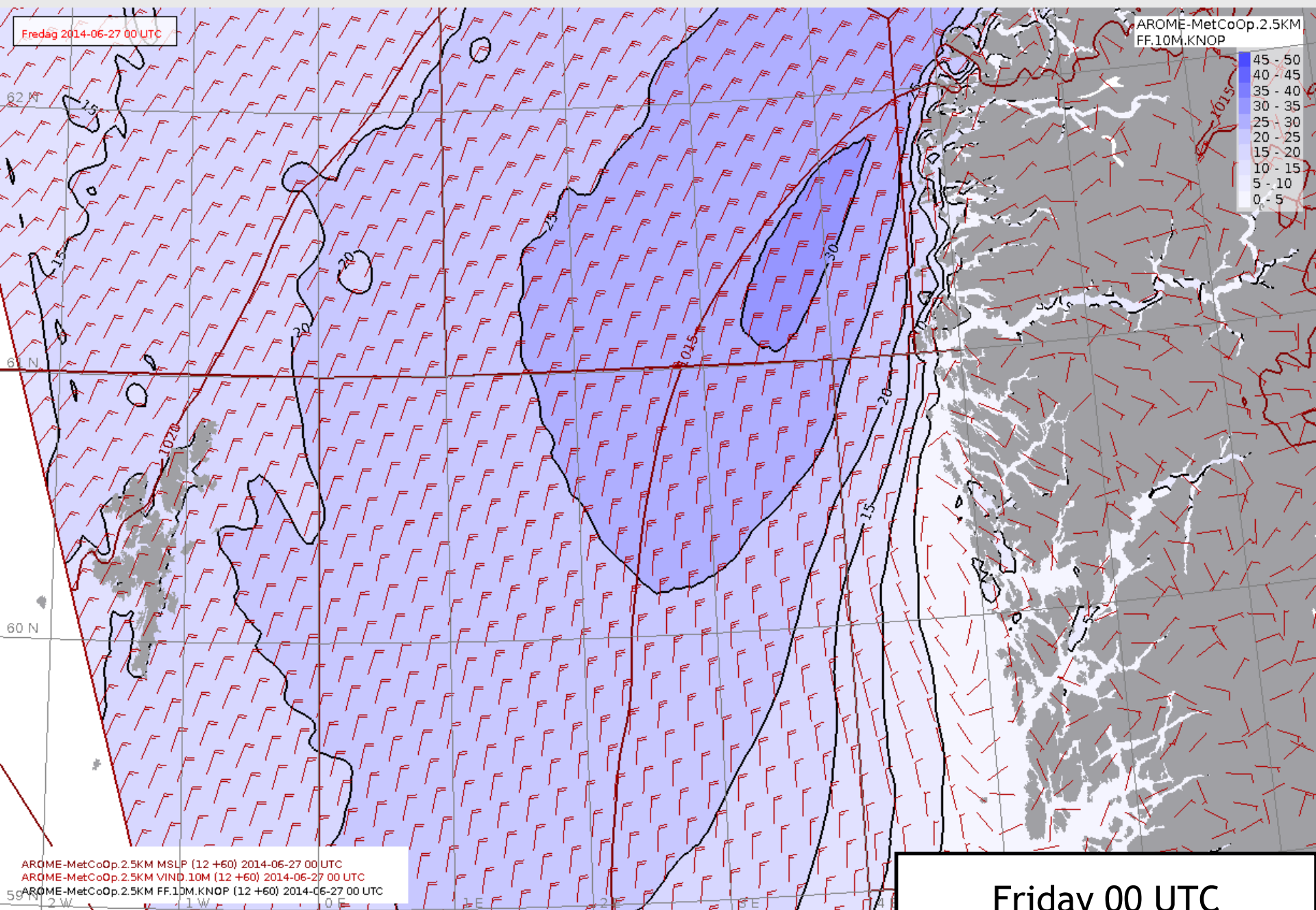
Torsdag 2014-06-26 12 UTC

Thursday 12 UTC

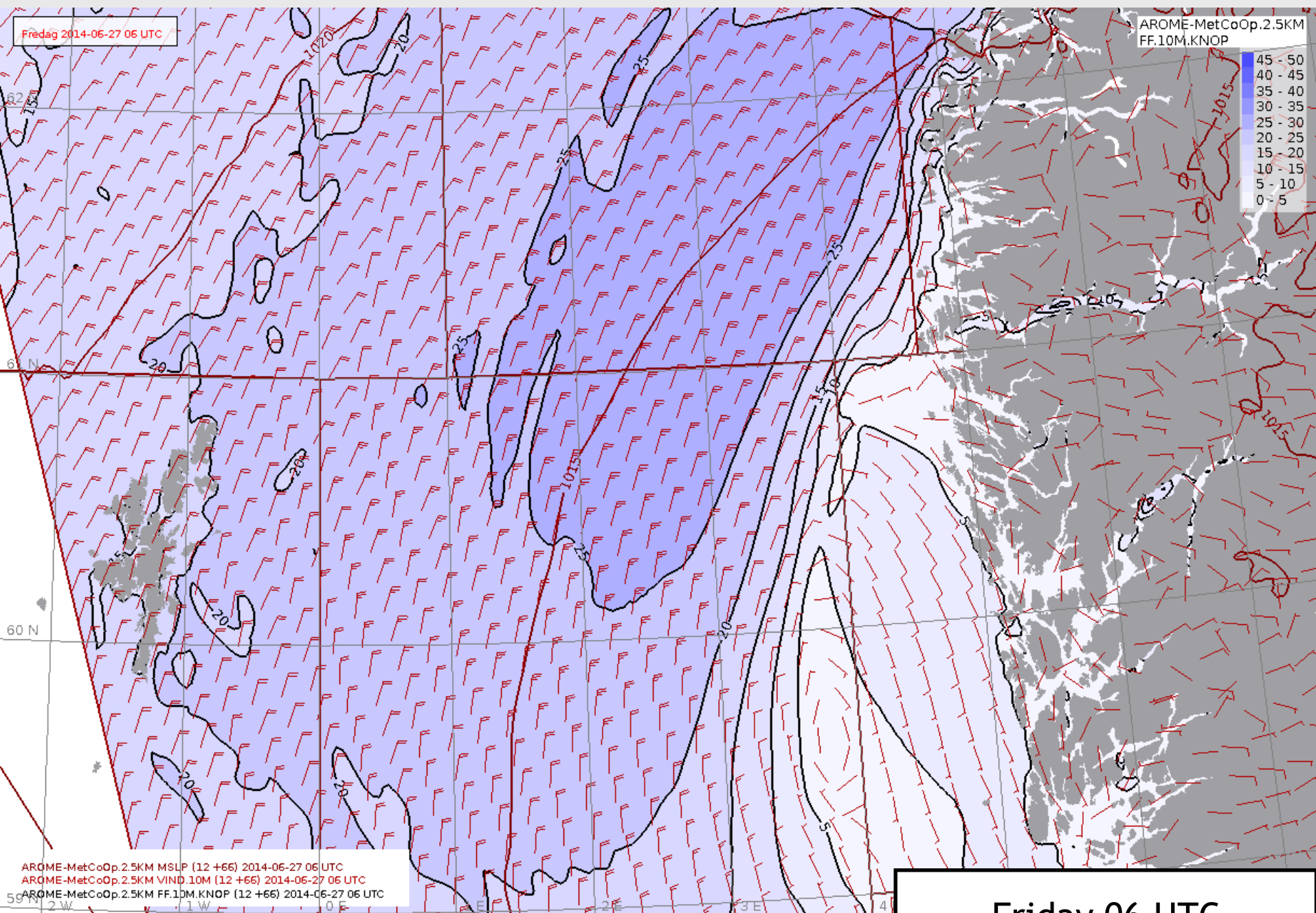
AROME-MetCoOp.2.5KM
FF.10M.KNOP

45 - 50
40 - 45
35 - 40
30 - 35
25 - 30
20 - 25
15 - 20
10 - 15
5 - 10
0 - 5





Friday 00 UTC

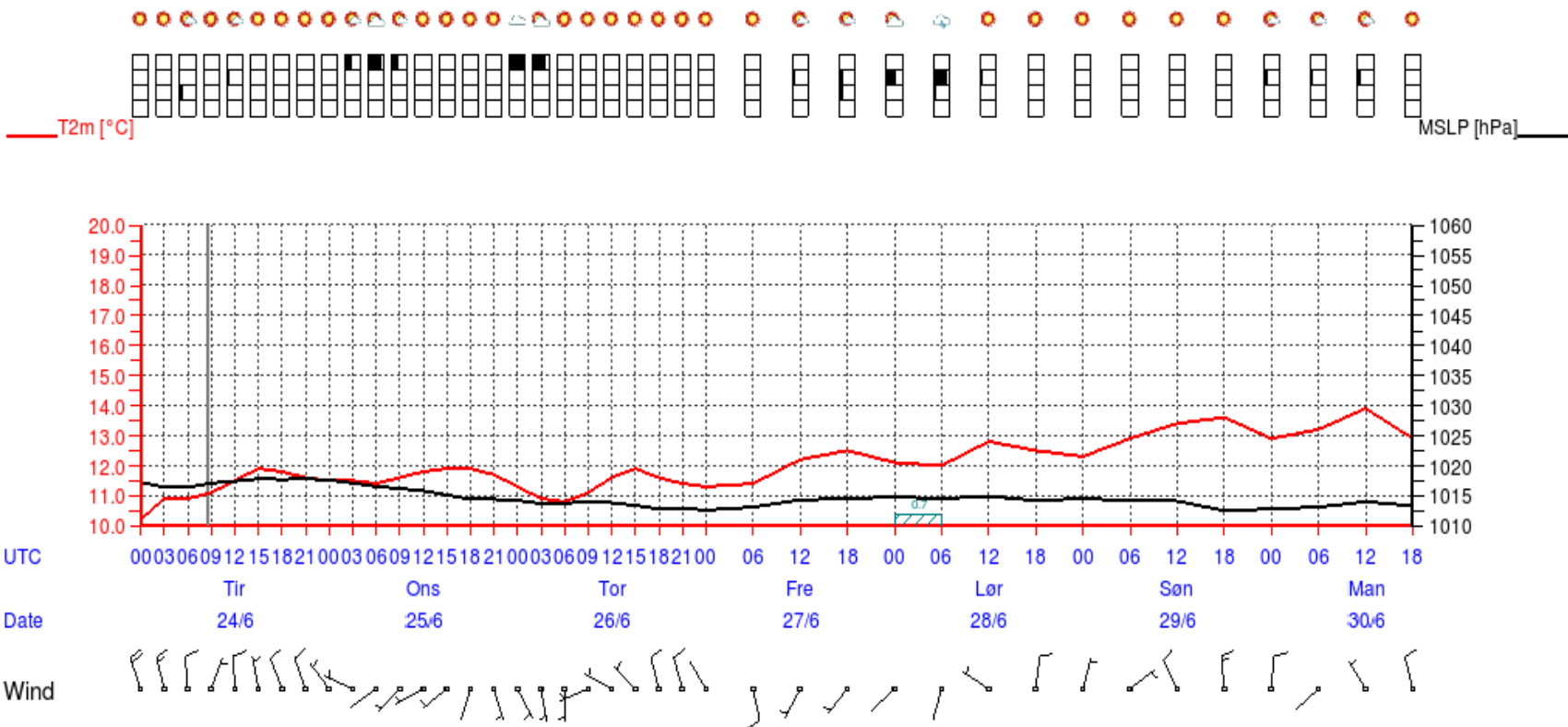


Friday 06 UTC

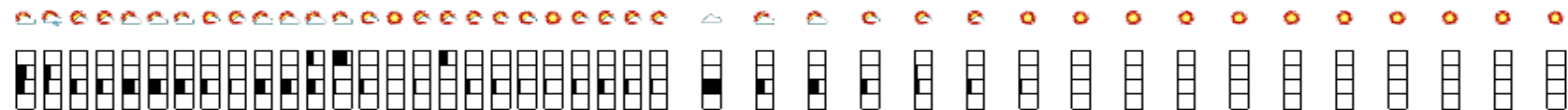
Torsdag 2014-06-25 23:30 UTC



MARSTEIN

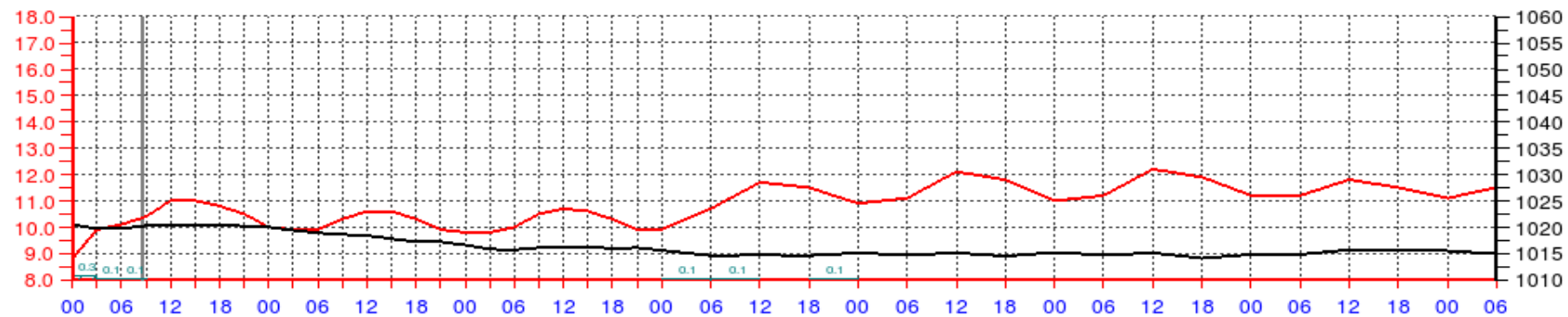


FRIGG



_____T2m [°C]

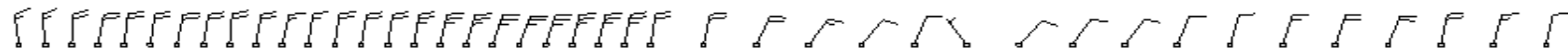
MSLP [hPa]_____



UTC

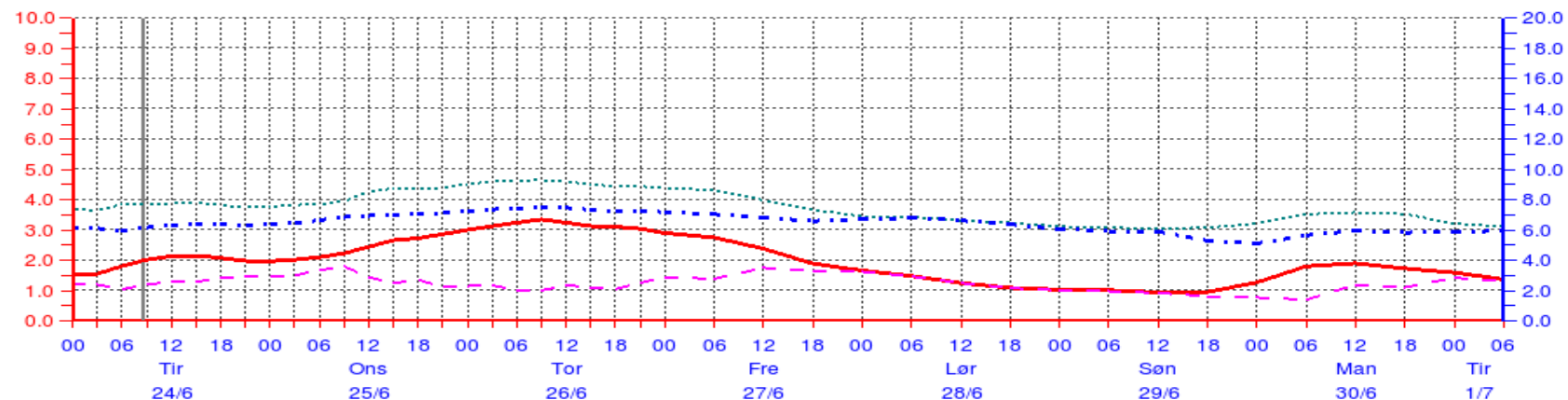
Date

Wind





Total
Swell
Period [s]



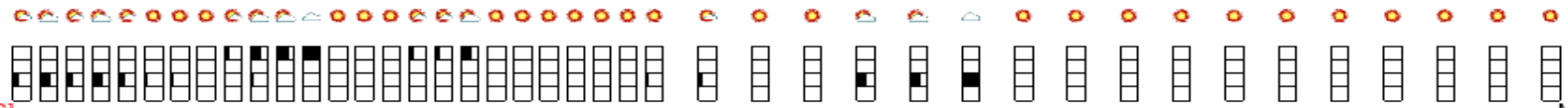
UTC

Date

Swell

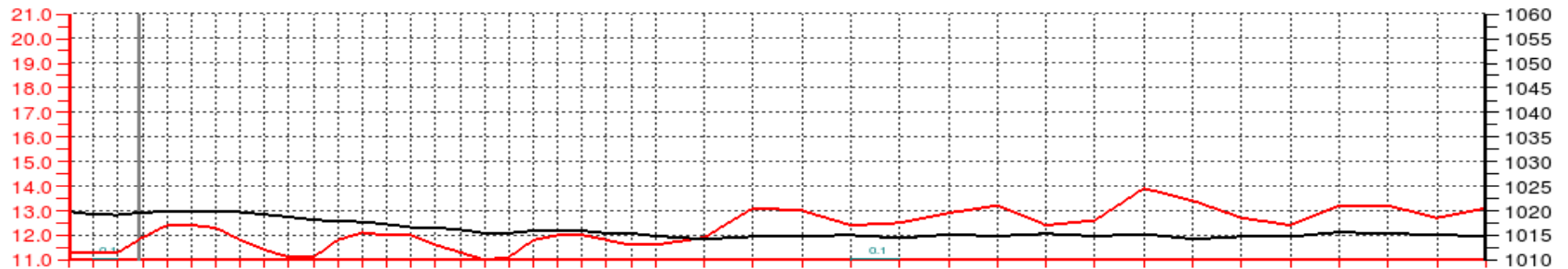


OSEBERG



T2m [°C]

MSLP [hPa]



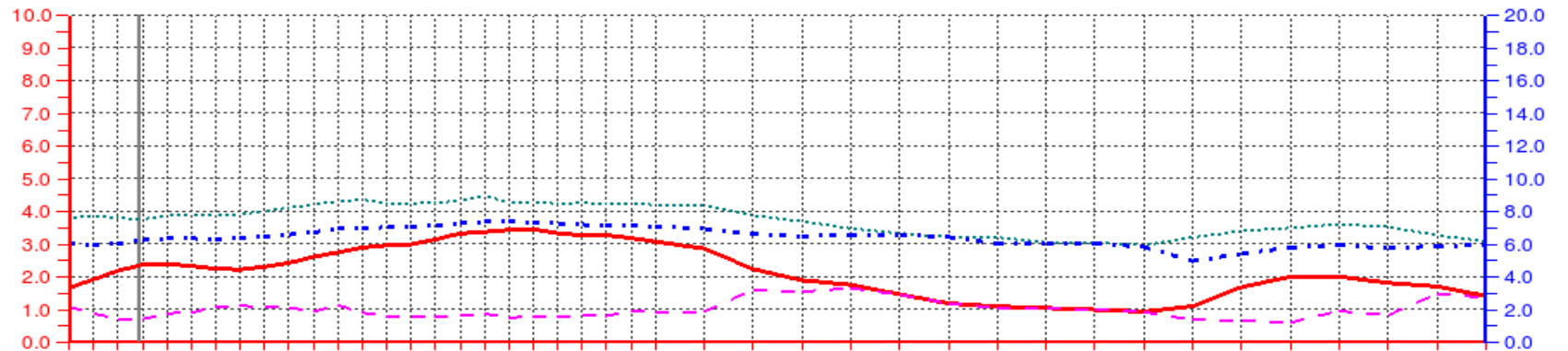
UTC

Date

Wind

— Swell
— Total
— Height [m]

Total ...
Swell ...
Period [s]



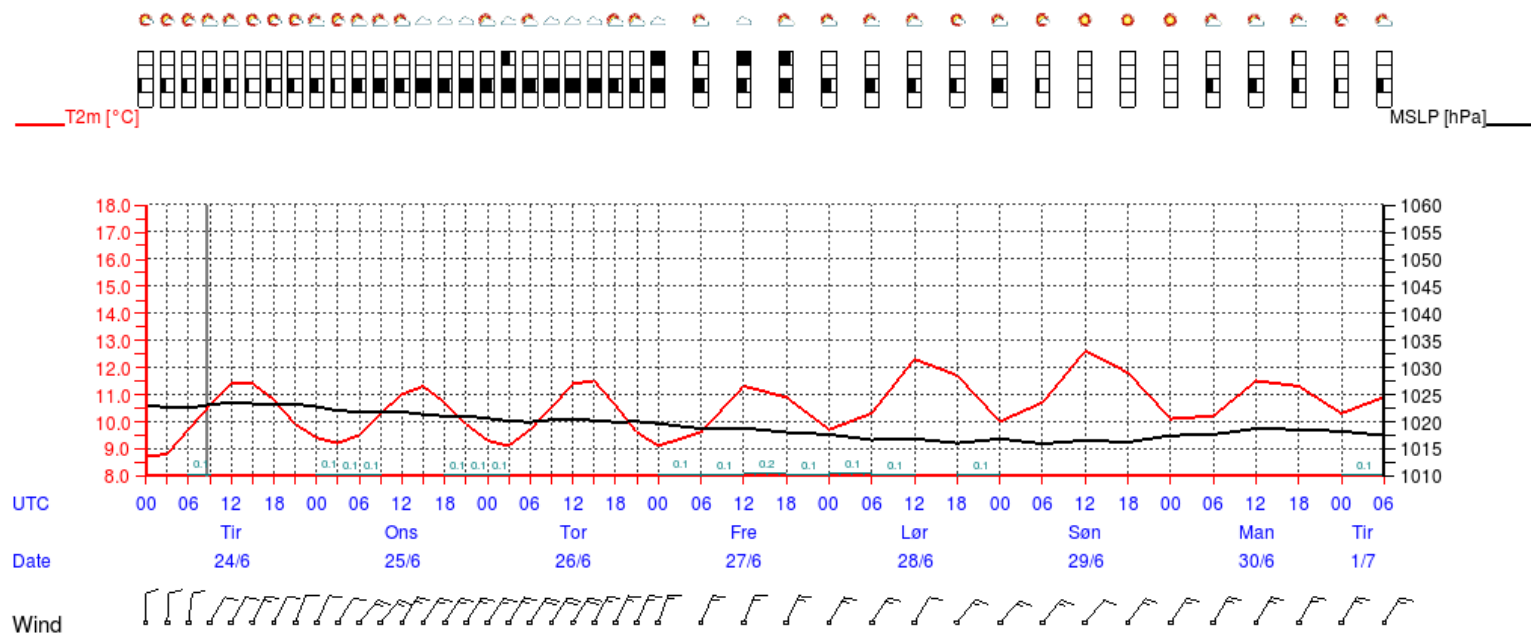
UTC

Date

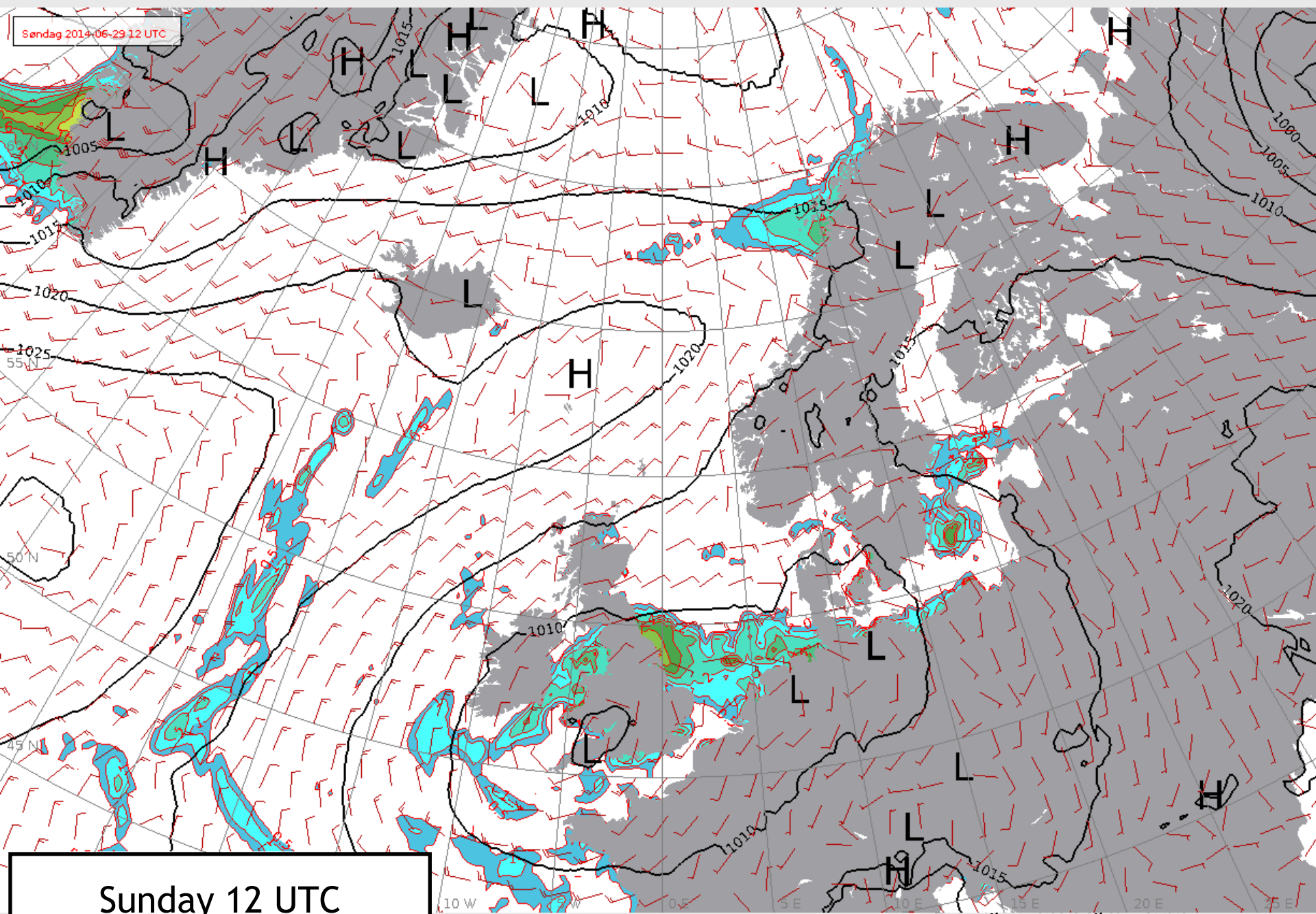
Swell

Wind

LERWICK

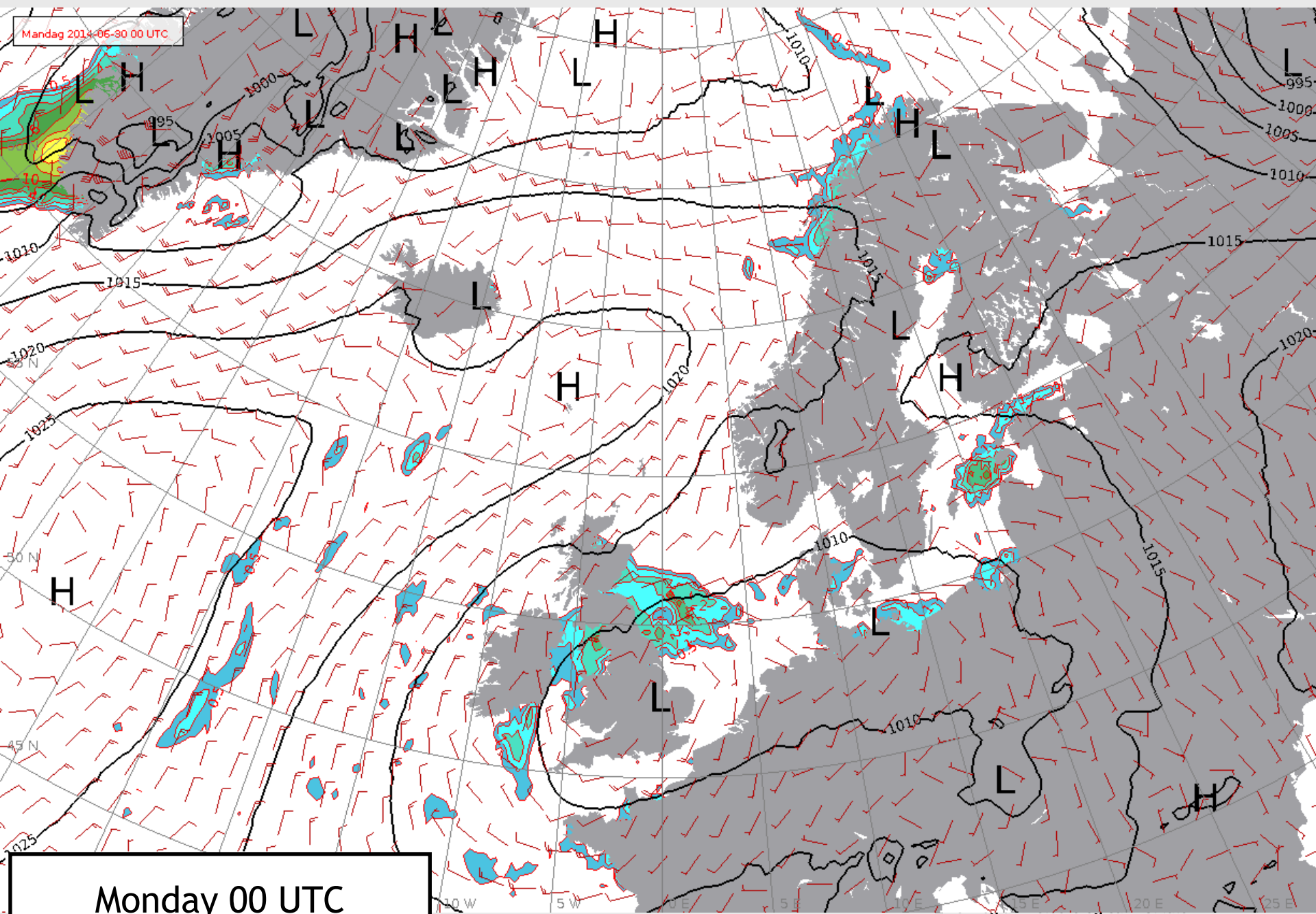


Sondag 2014-06-29 12 UTC



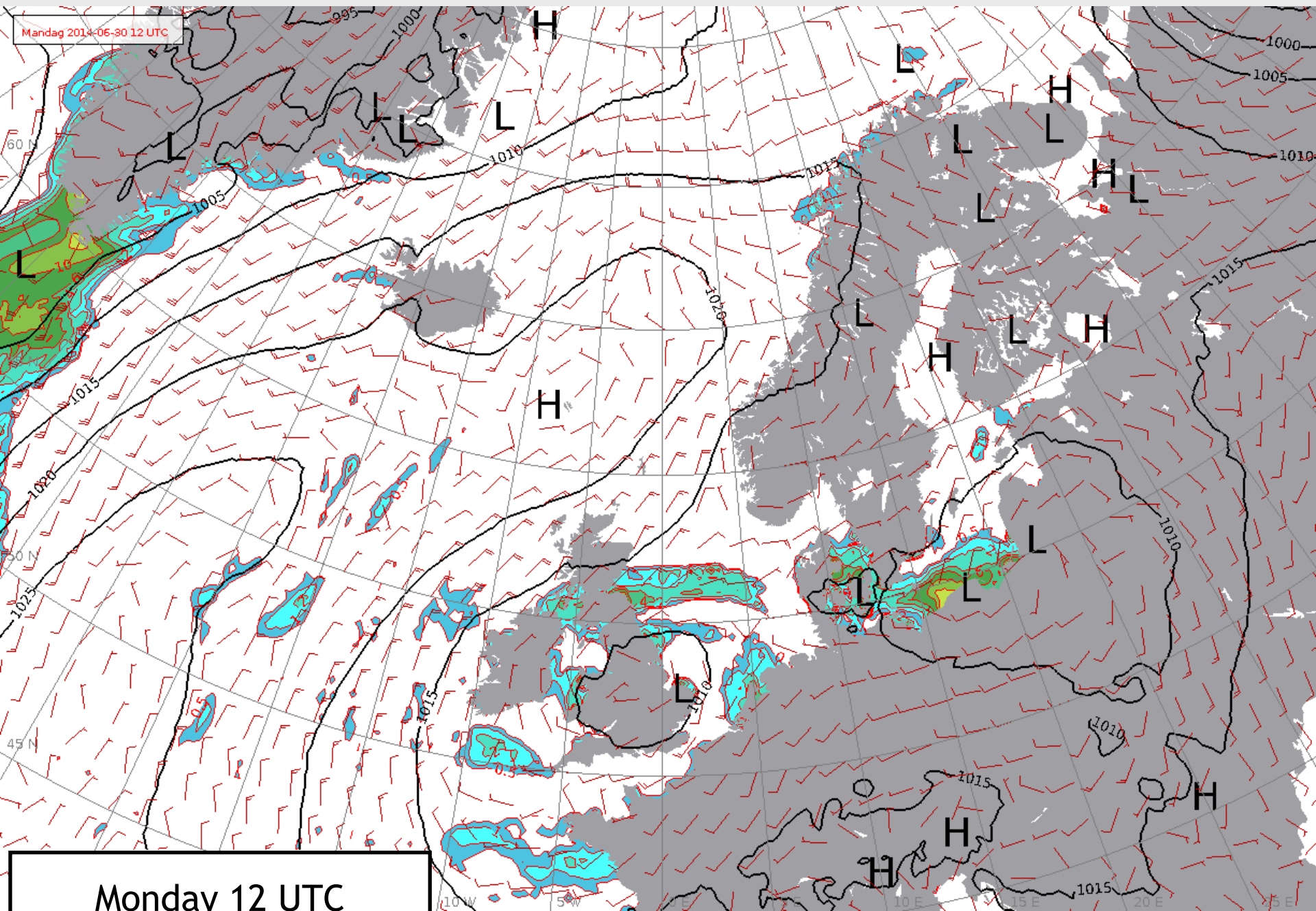
Sunday 12 UTC

Mondag 2014-06-30 00 UTC



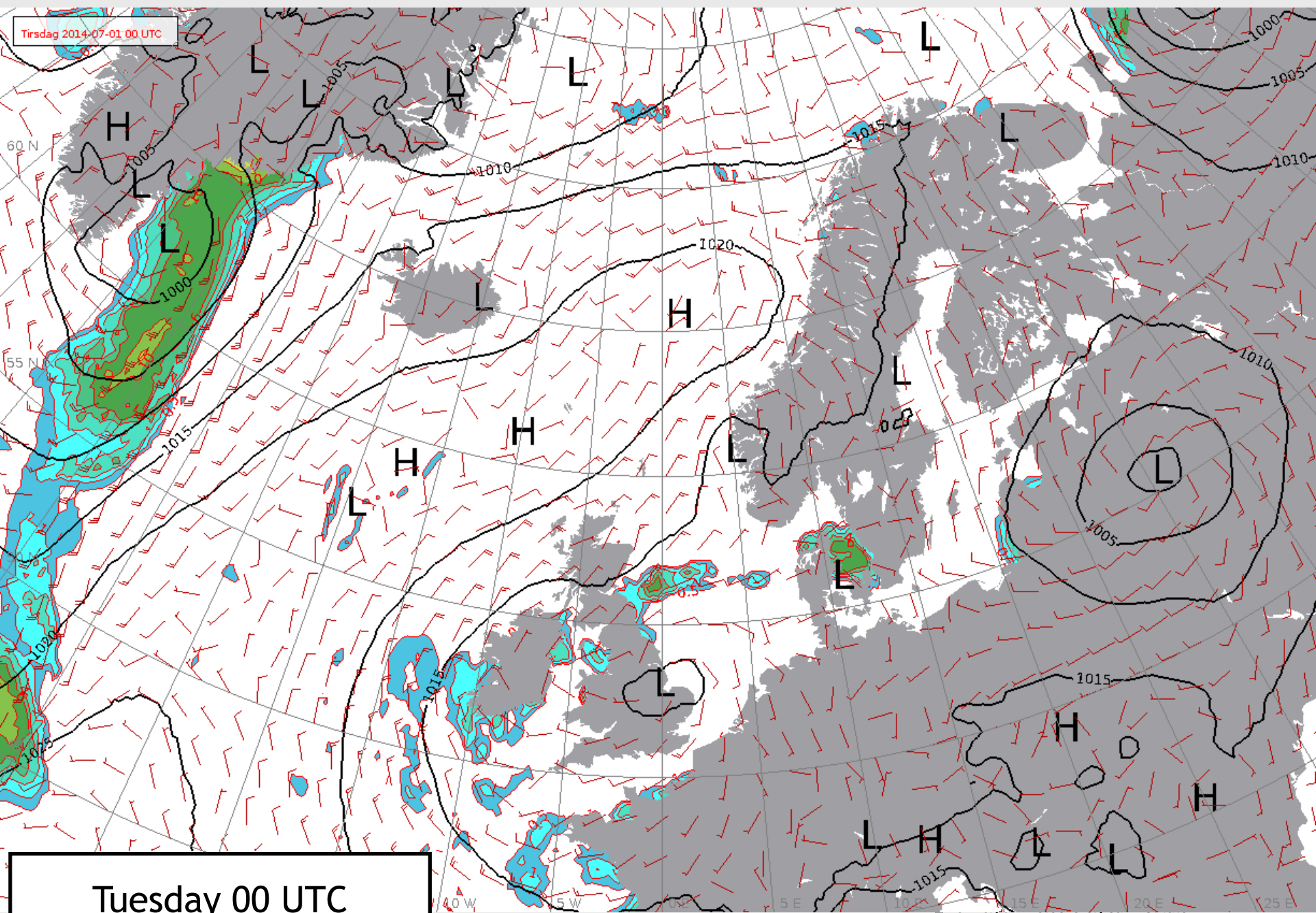
Monday 00 UTC

Mandag 2014-06-30 12 UTC



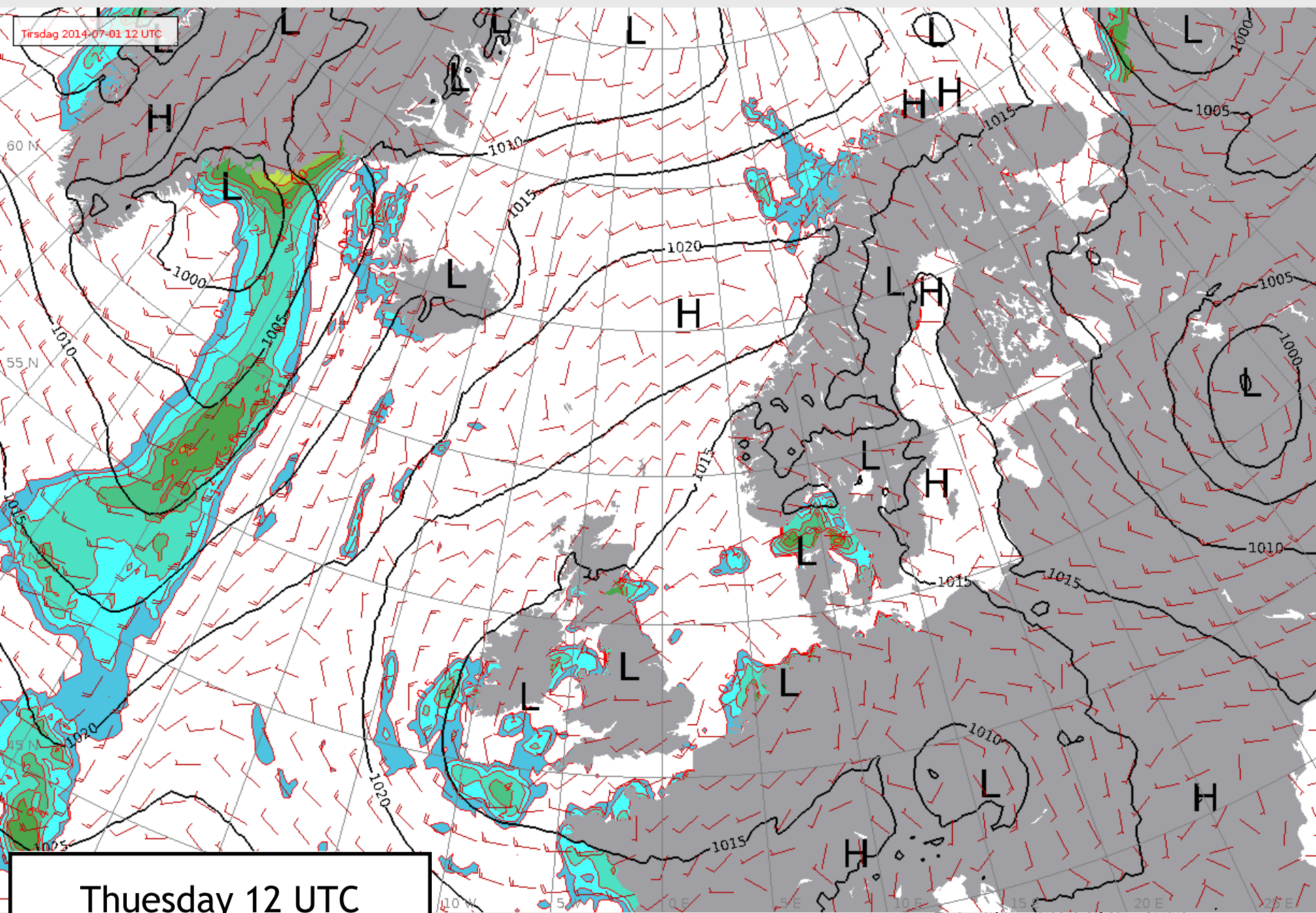
Monday 12 UTC

Tisdag 2014-07-01 00 UTC



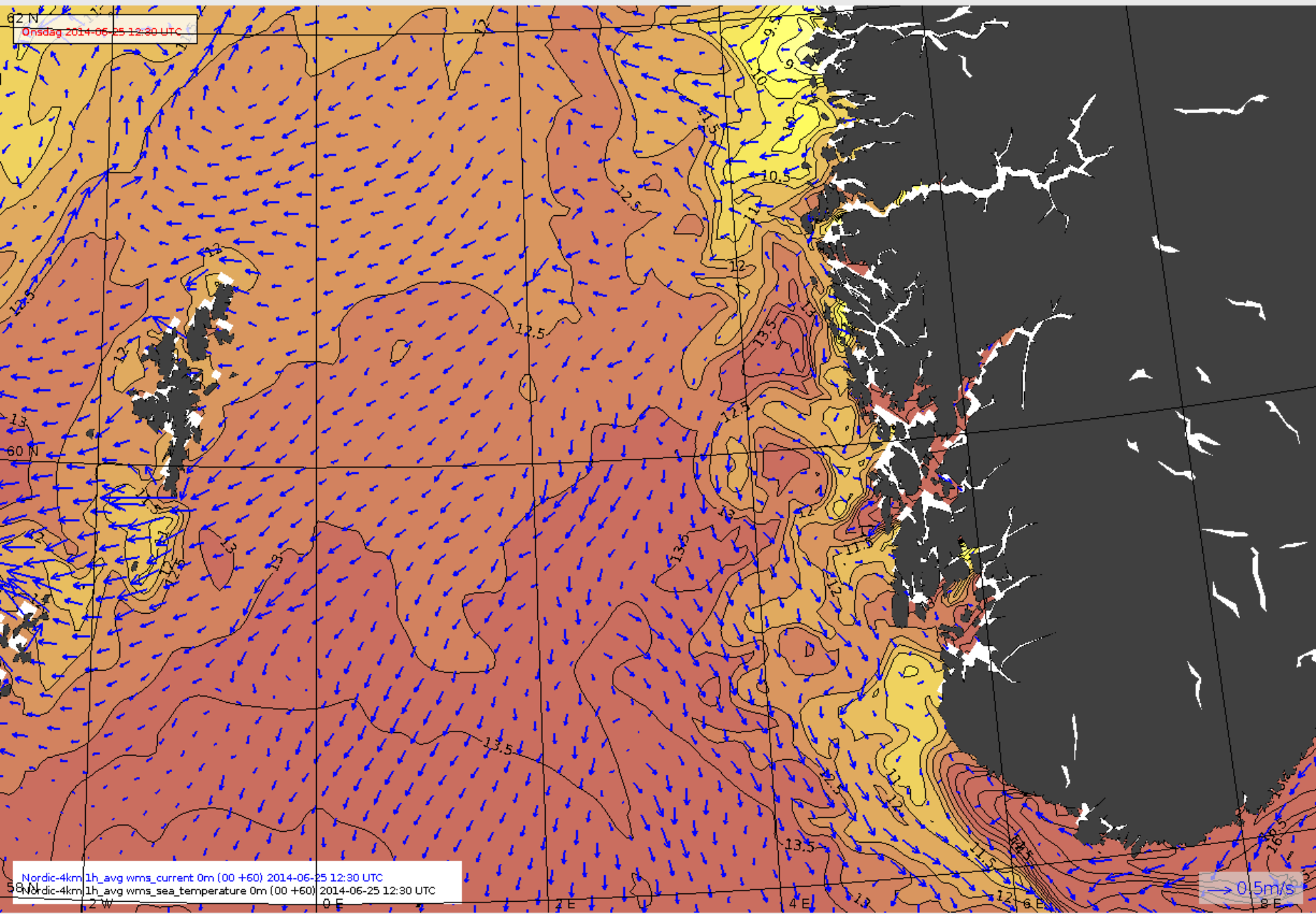
Tuesday 00 UTC

Tisdag 2014-07-01 12 UTC



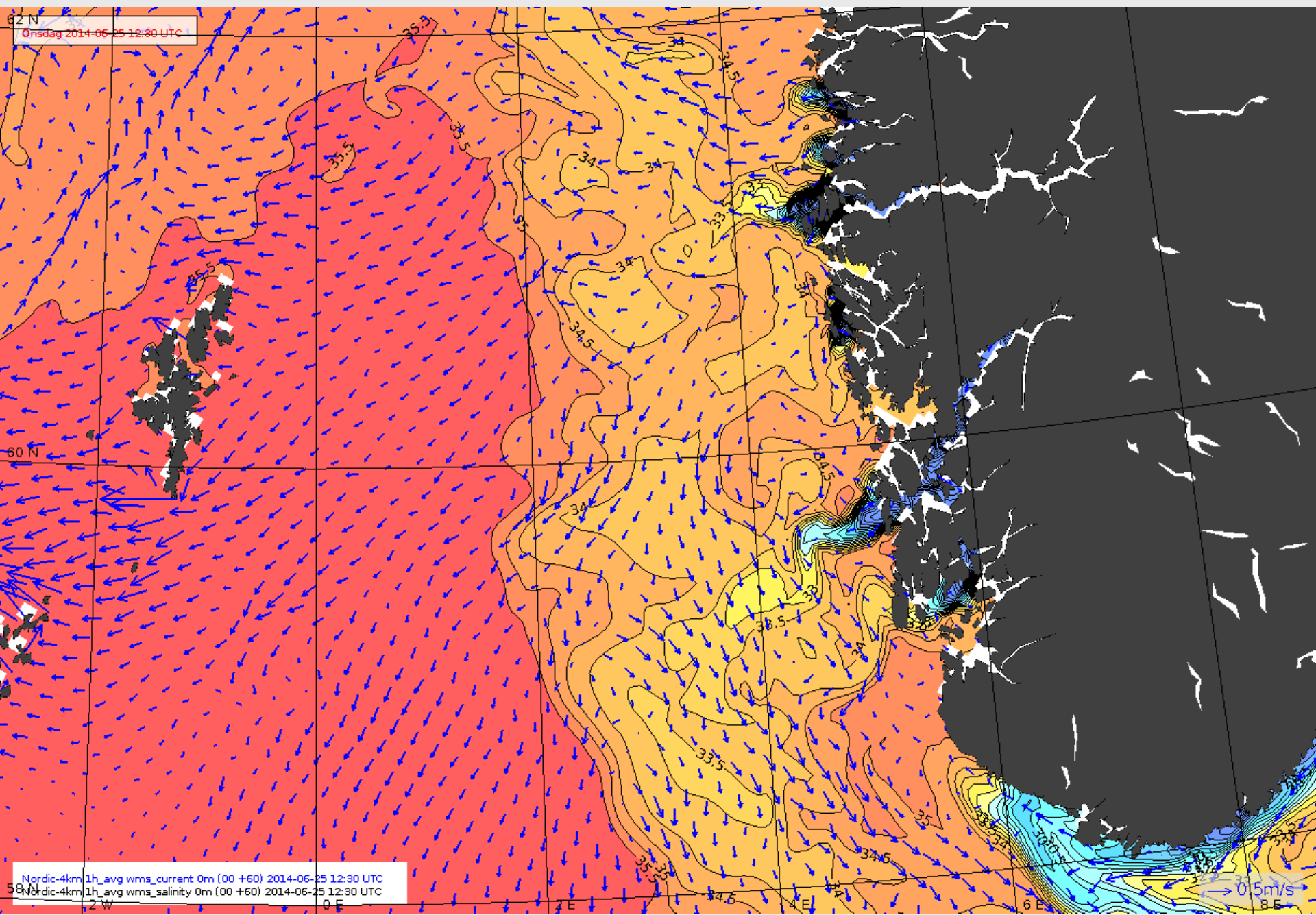
Thursday 12 UTC

Ocean currents



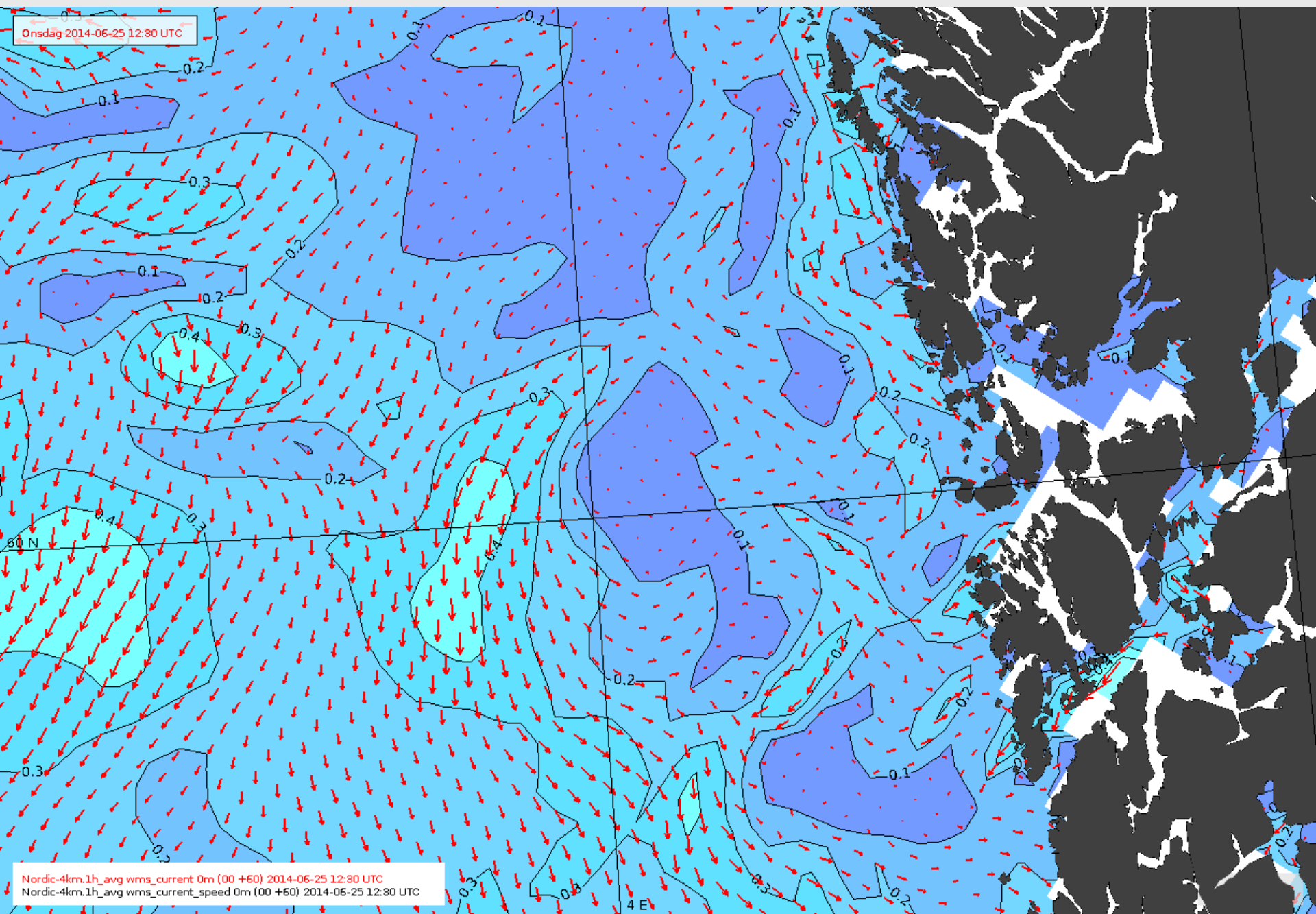
Salinity front generates ocean eddies with strong currents

2014-06-25 12:00

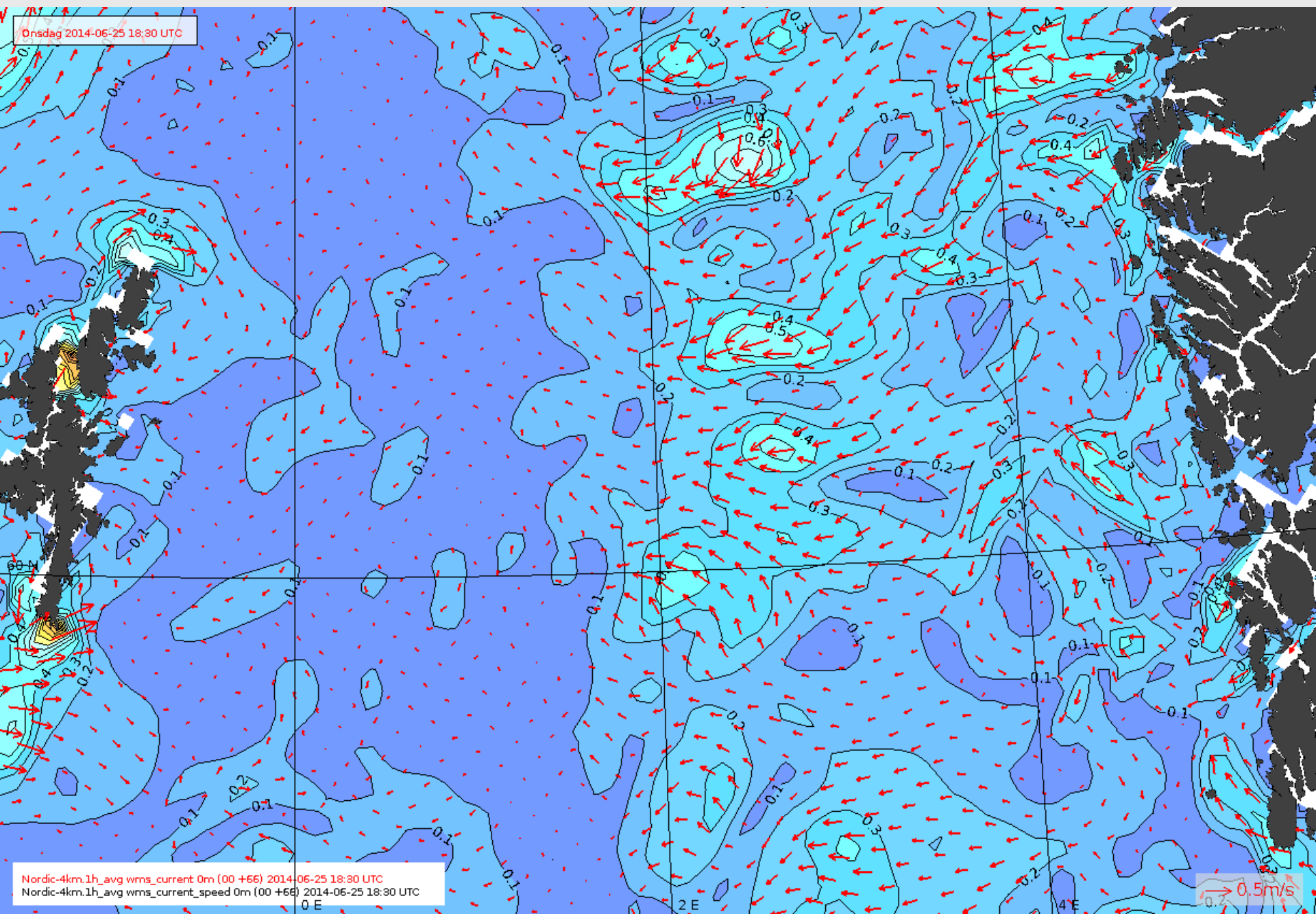


Ocean currents near Marsteinen vary from 5-25 cm/s

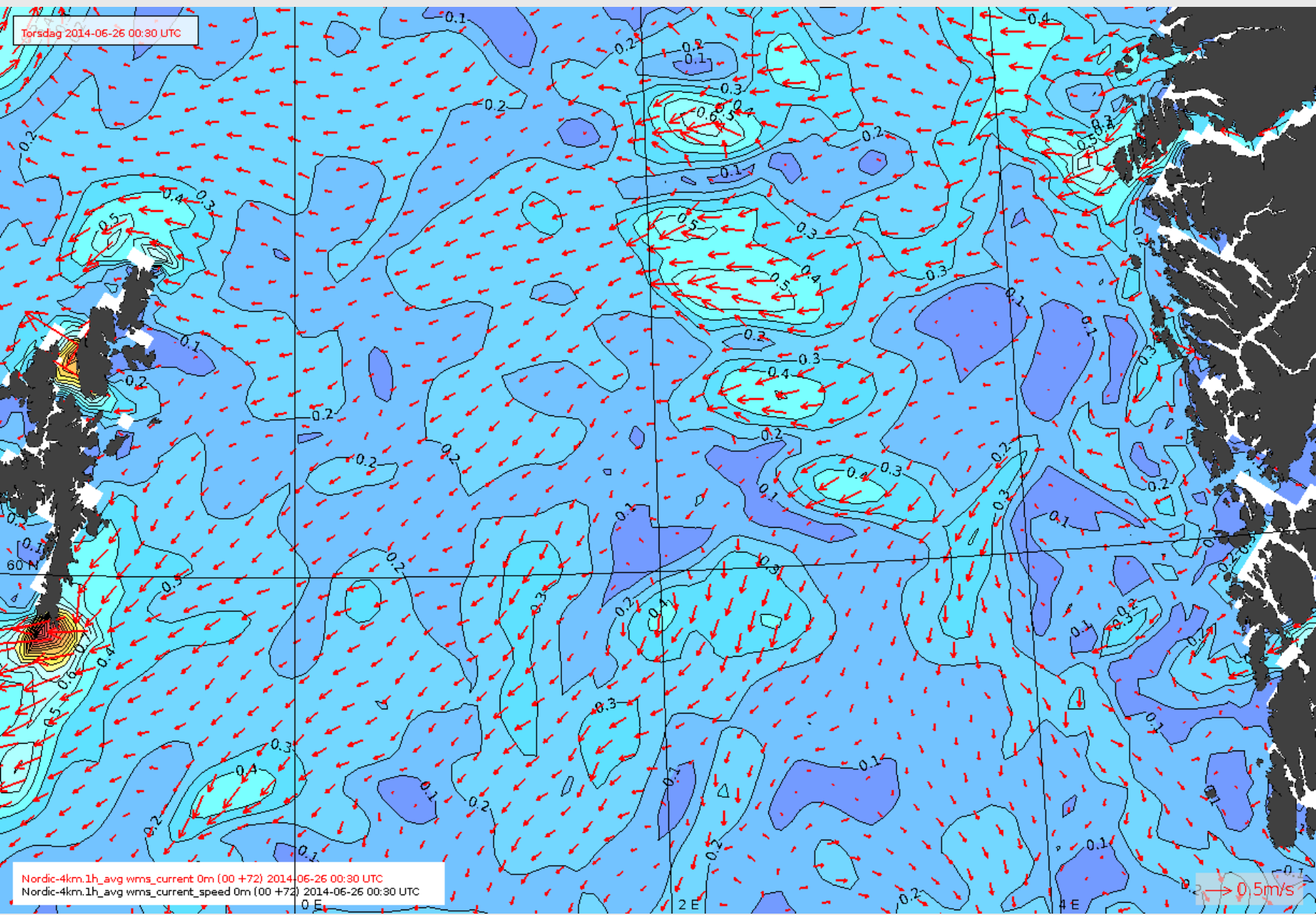
2014-06-25 12:00



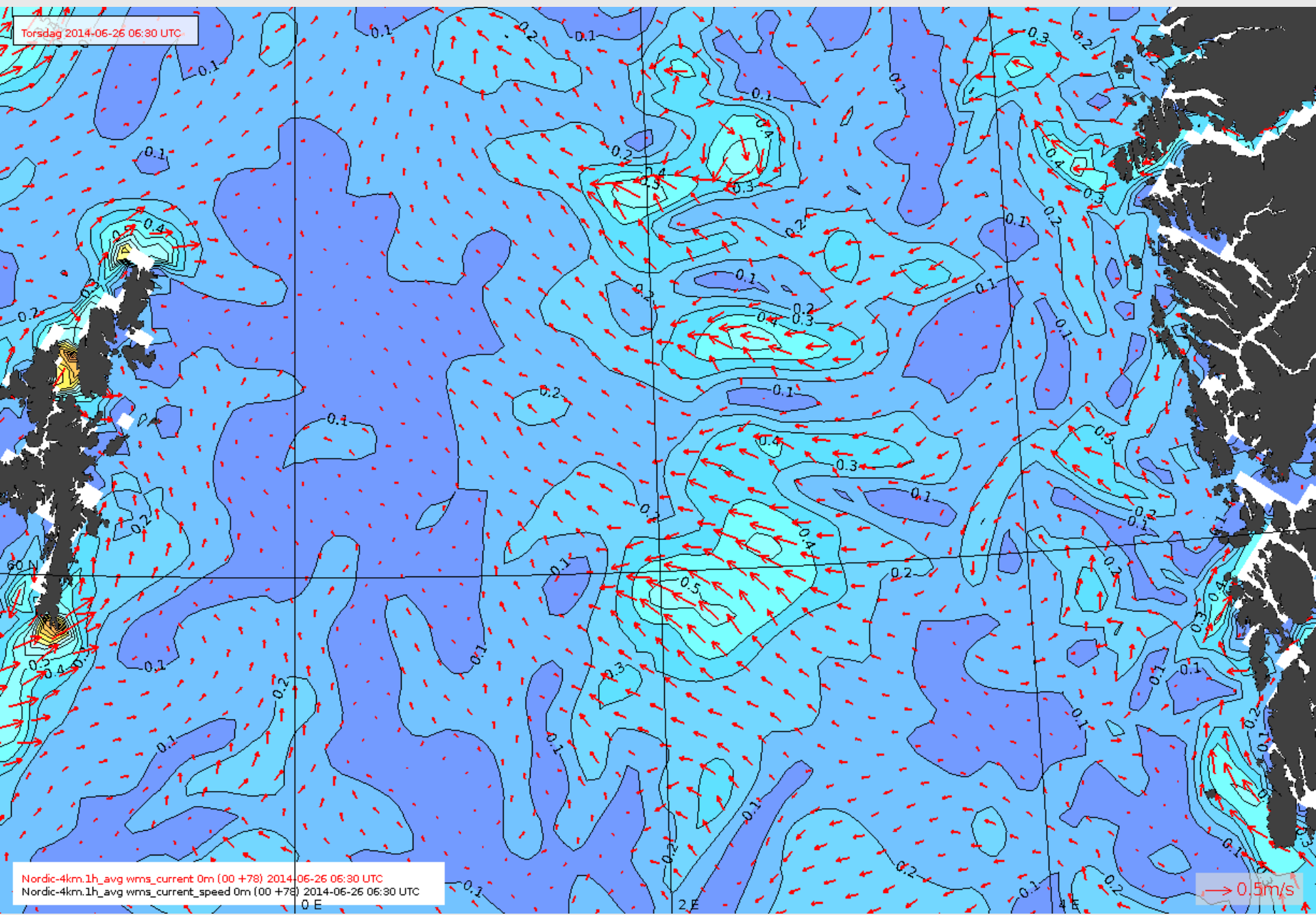
2014-06-25 18:00



2014-06-26 00:00

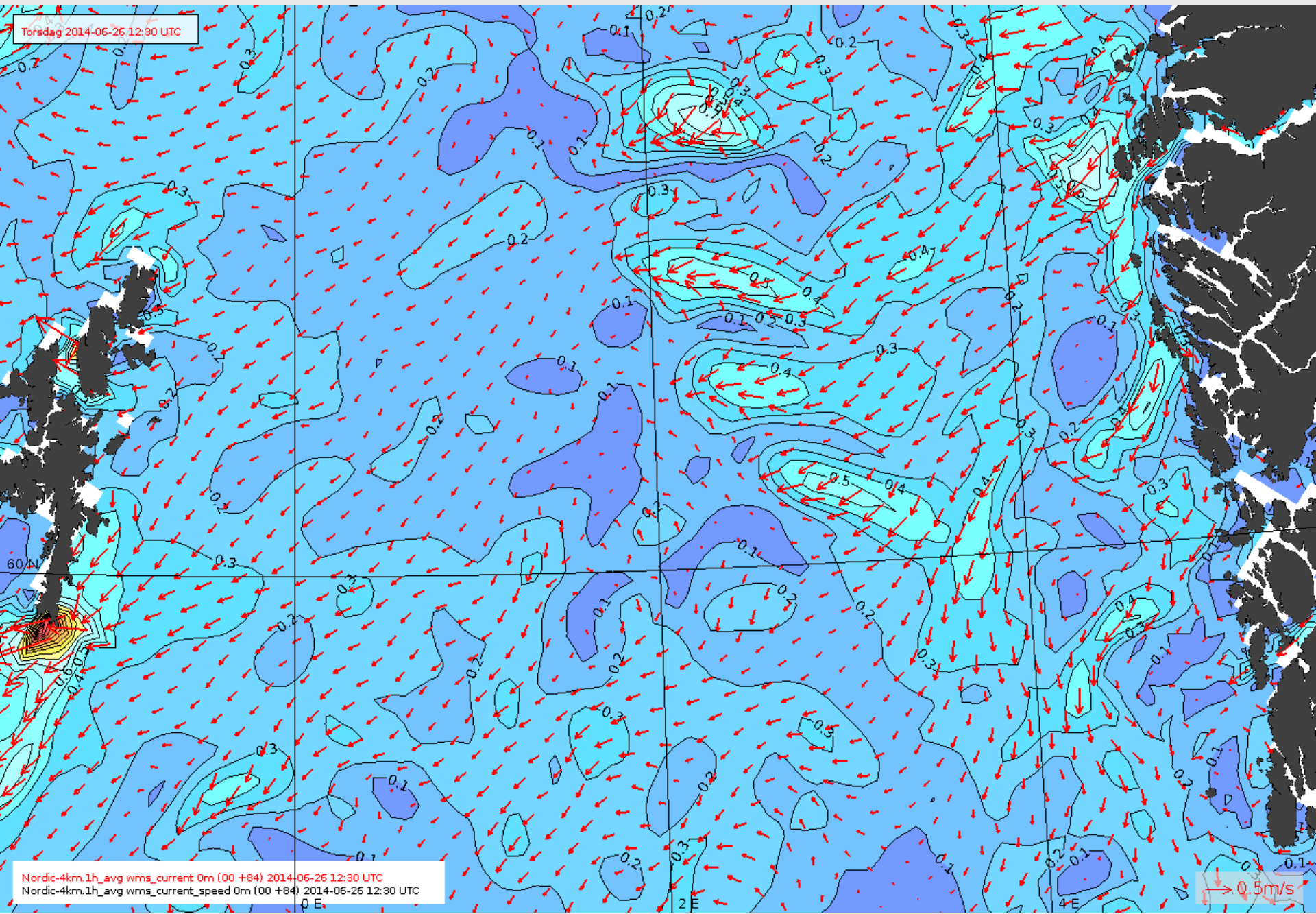


2014-06-26 06:00

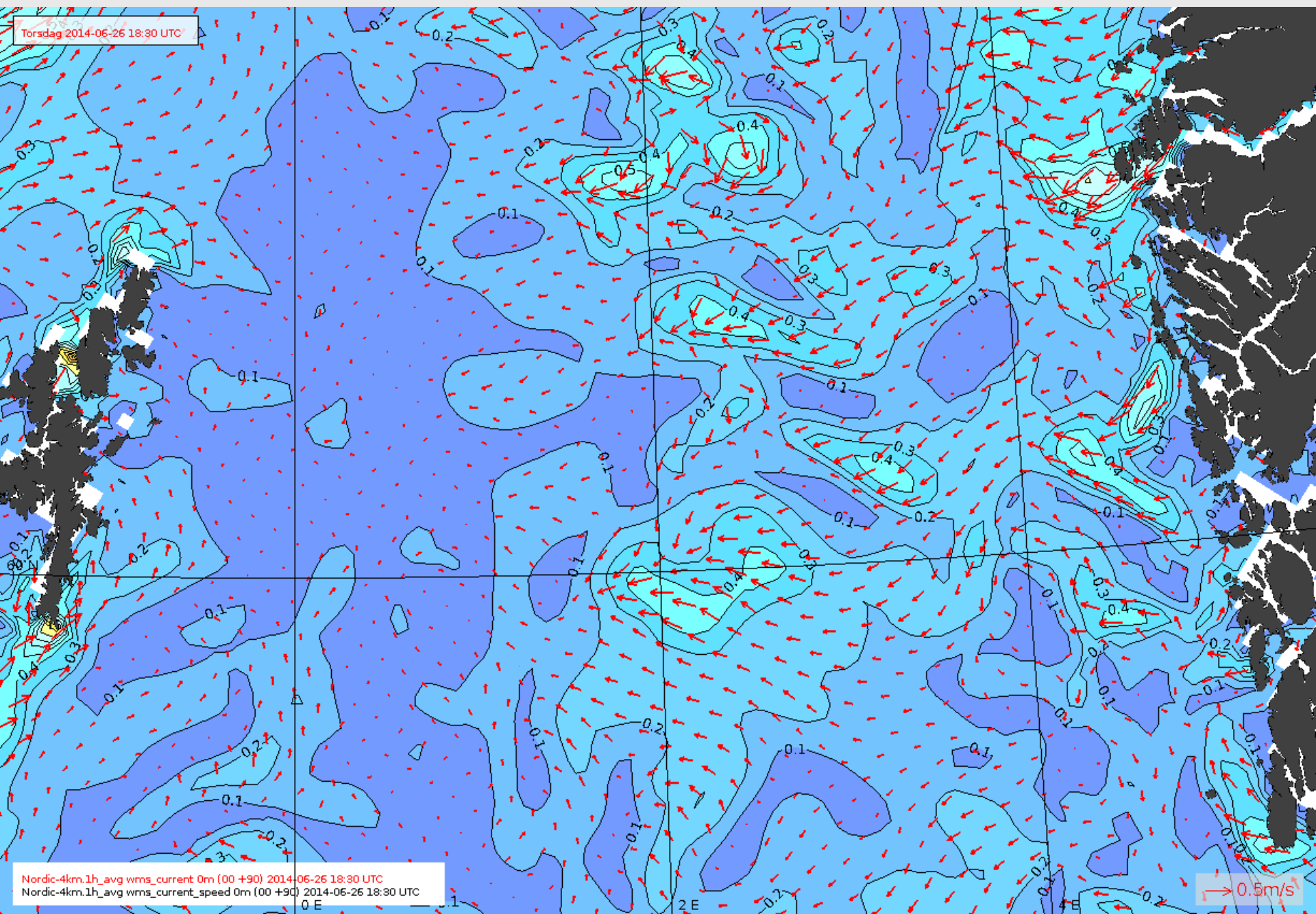


Mostly northwesterly surface currents - thanks to strong wind forcing

12:00

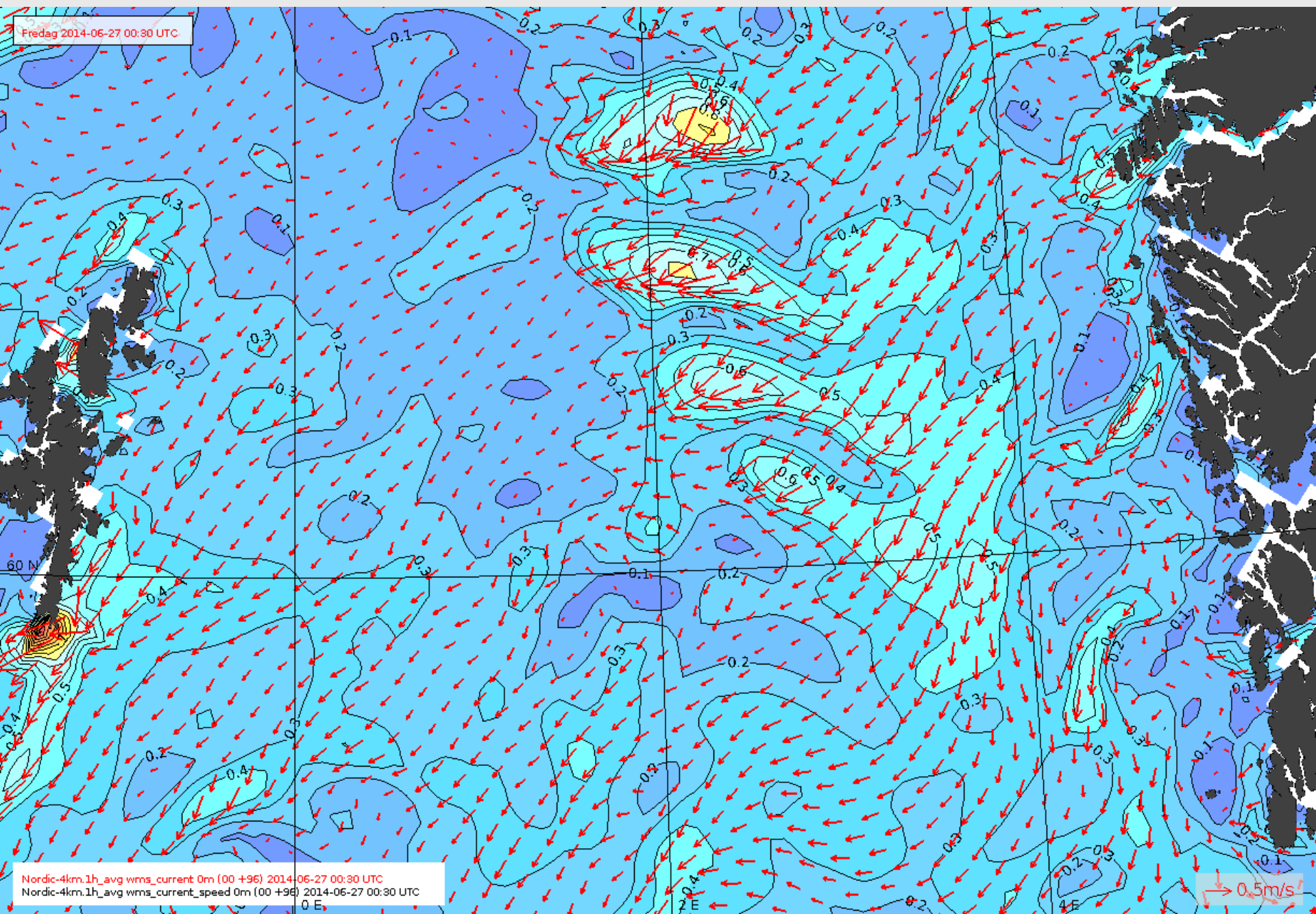


2014-06-26 18:00



Patches of strong currents (up to 2knt) at salinity front

2014-06-27 00:00

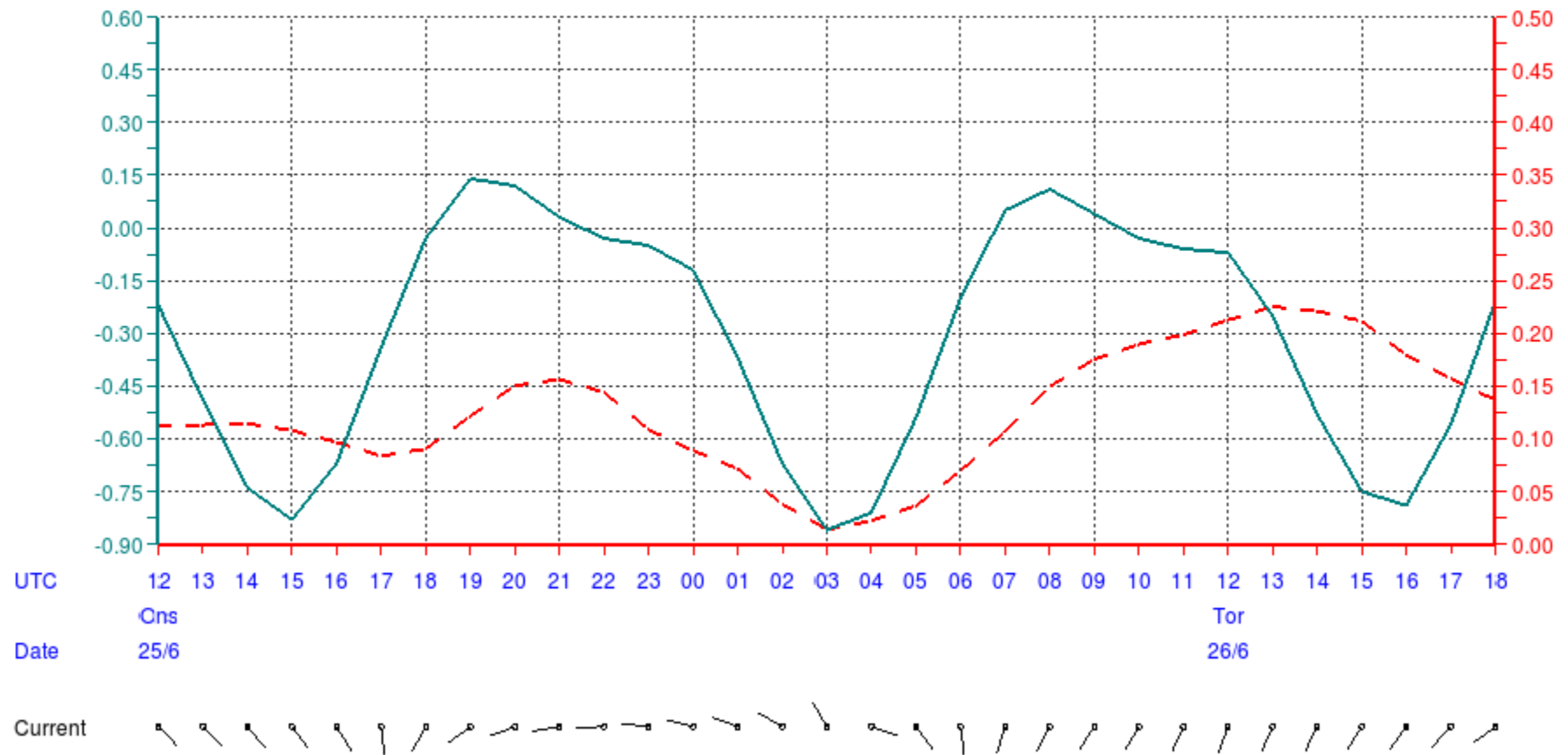


Tides

MARSTEINEN

Sea level
Height [m]

Current
Speed [m/s]



Tides at Marsteinen

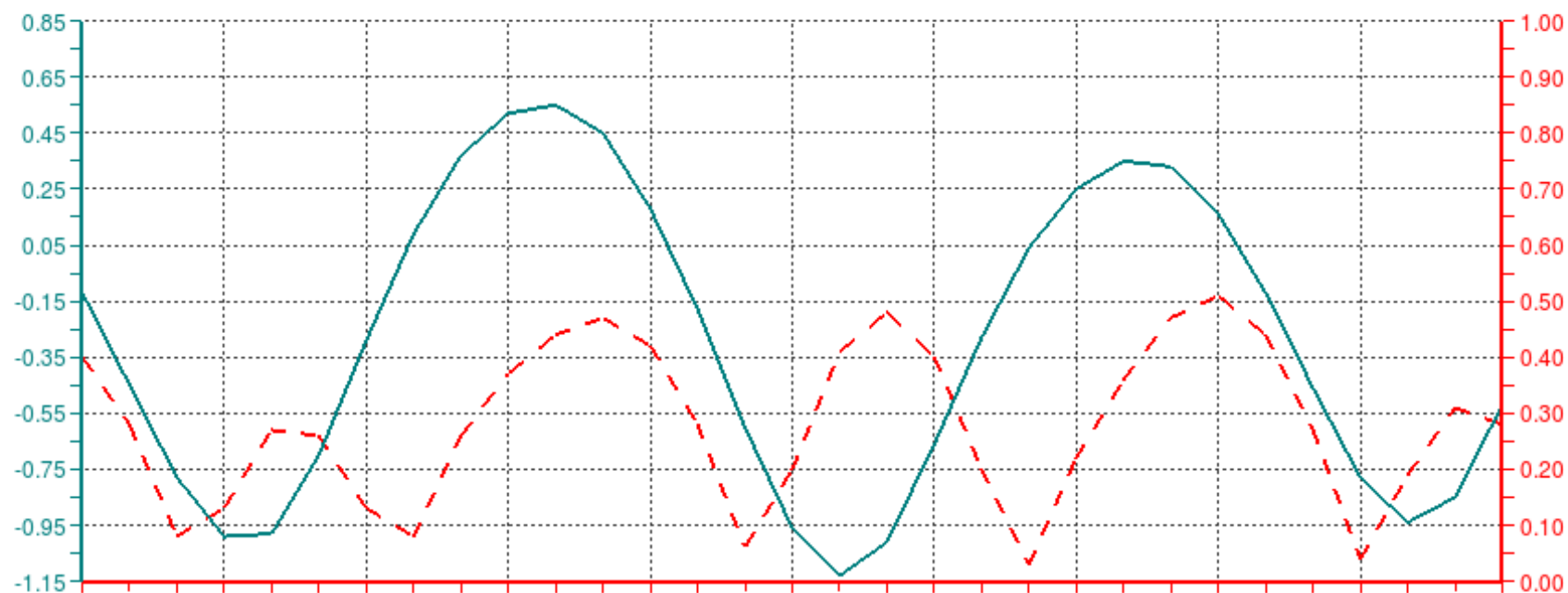
Marstein tides, local time	High Tide	Low Tide
Wednesday, June 25th	10:11	03:59
	22:35	16:17
Monday, June 30th	01:07	07:16
	13:33	19:19

Tidal currents up to 25cm/s = 5knt

LERWICK

Sea level
Height [m]

Current
Speed [m/s]



UTC

12 13 14 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18

Ons

Tor

Date

25/6

26/6

Current



Tides at Lerwick

Lerwick tides, local time	High Tide	Low Tide
Wednesday, June 25th	22:52	16:37
Thursday, June 26th	11:20	05:05
	23:33	17:17
Sunday, June 29th	13:16	19:03

average current is from north to south

mostly southward current; incl. during high tide

northward current of short duration during low tide

slack water is ~2hours after high/low tide

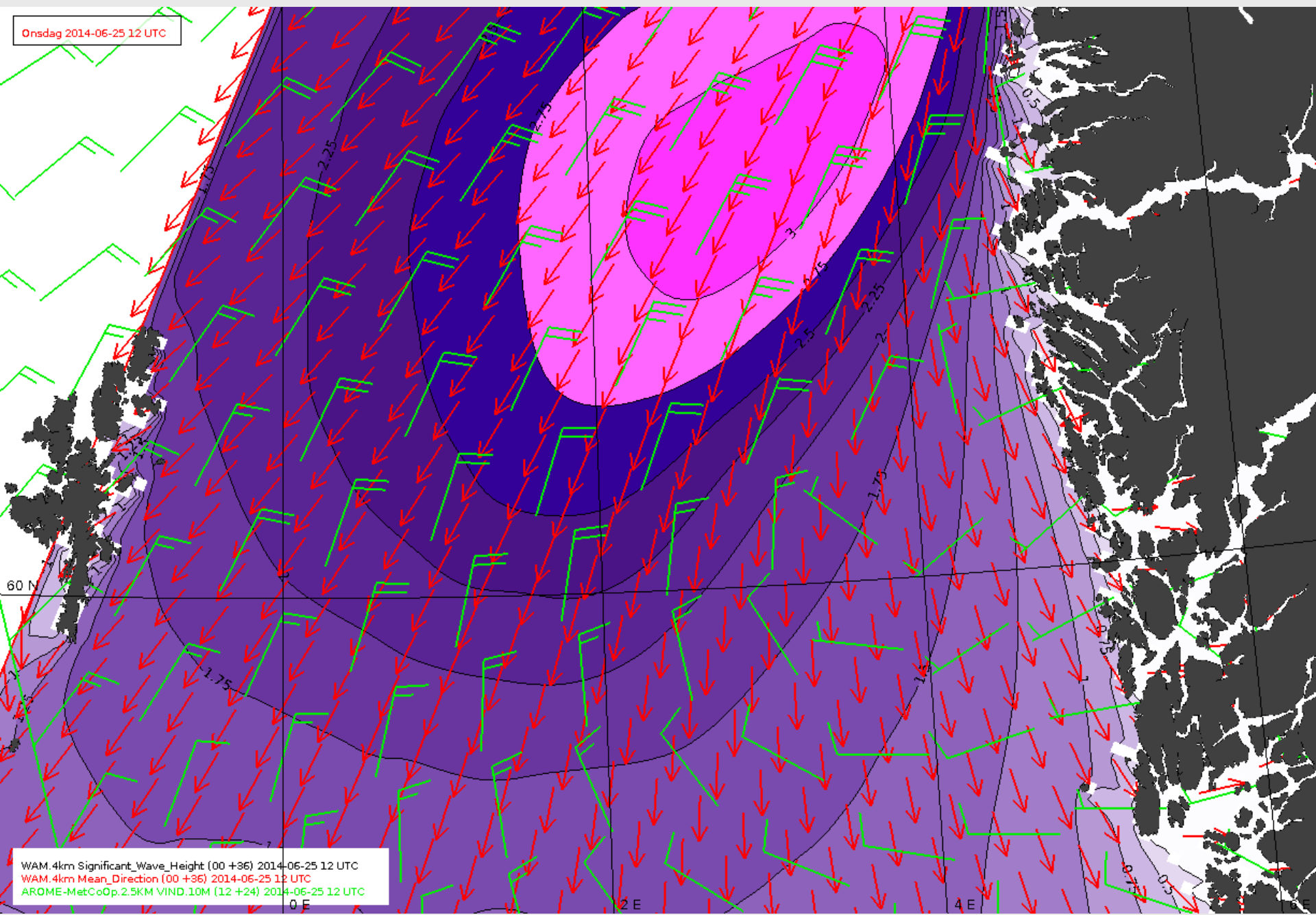
northward phase expected on Thursday from 16:00 to 19:00

Tidal currents of 50cm/s = 1knt should be expected

Waves

2014-06-25 12:00

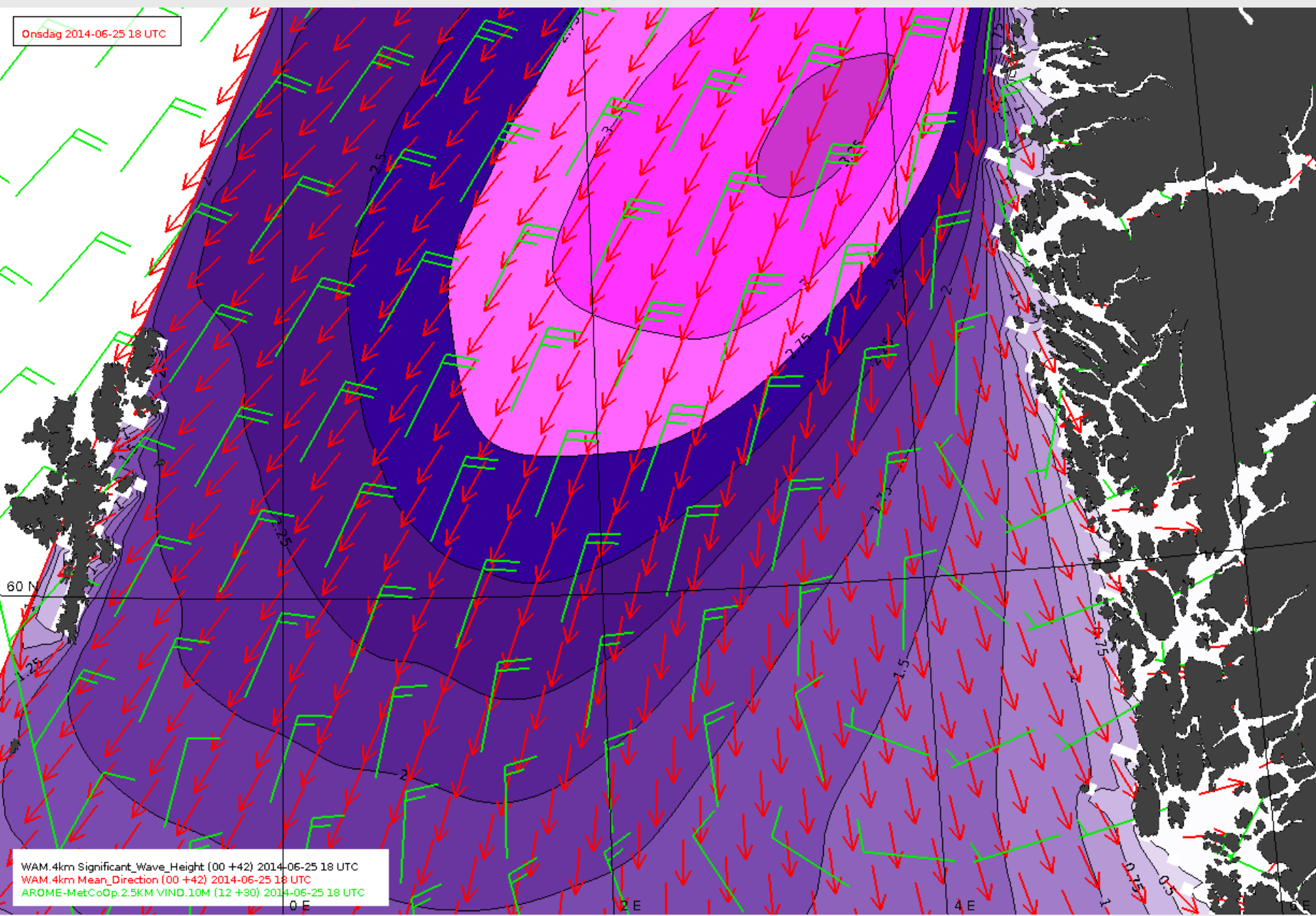
Onsdag 2014-06-25 12 UTC



WAM.4km Significant_Wave_Height (00 +36) 2014-06-25 12 UTC
WAM.4km Mean_Direction (00 +36) 2014-06-25 12 UTC
AROME-MetCoOp.2.5KM VIND.10M (12 +24) 2014-06-25 12 UTC

2014-06-25 18:00

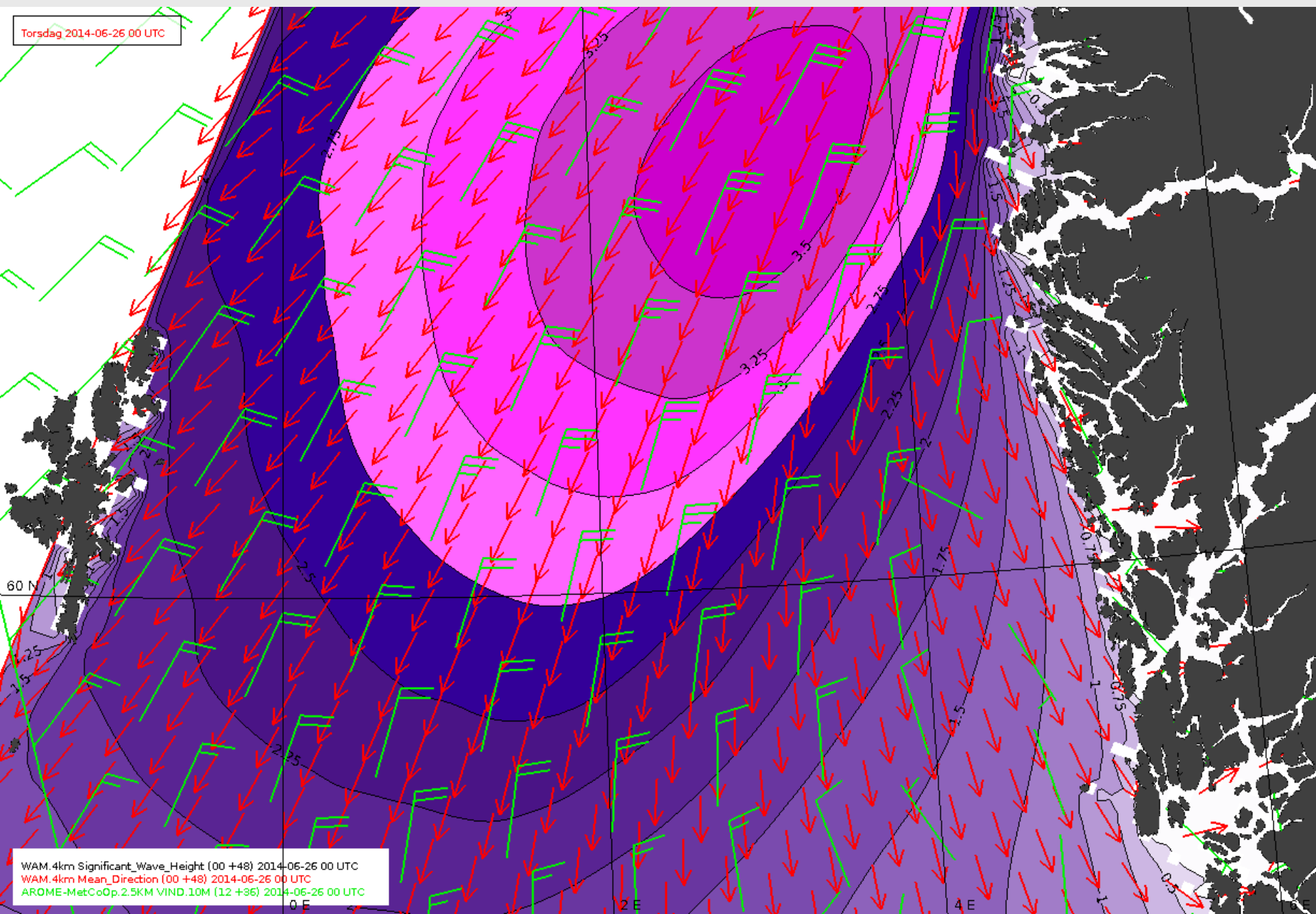
Onsdag 2014-06-25 18 UTC



WAM.4km Significant_Wave_Height (00 +42) 2014-06-25 18 UTC
WAM.4km Mean_Direction (00 +42) 2014-06-25 18 UTC
AROME-MetCoOp.2.5KM VIND.10M (12 +30) 2014-06-25 18 UTC

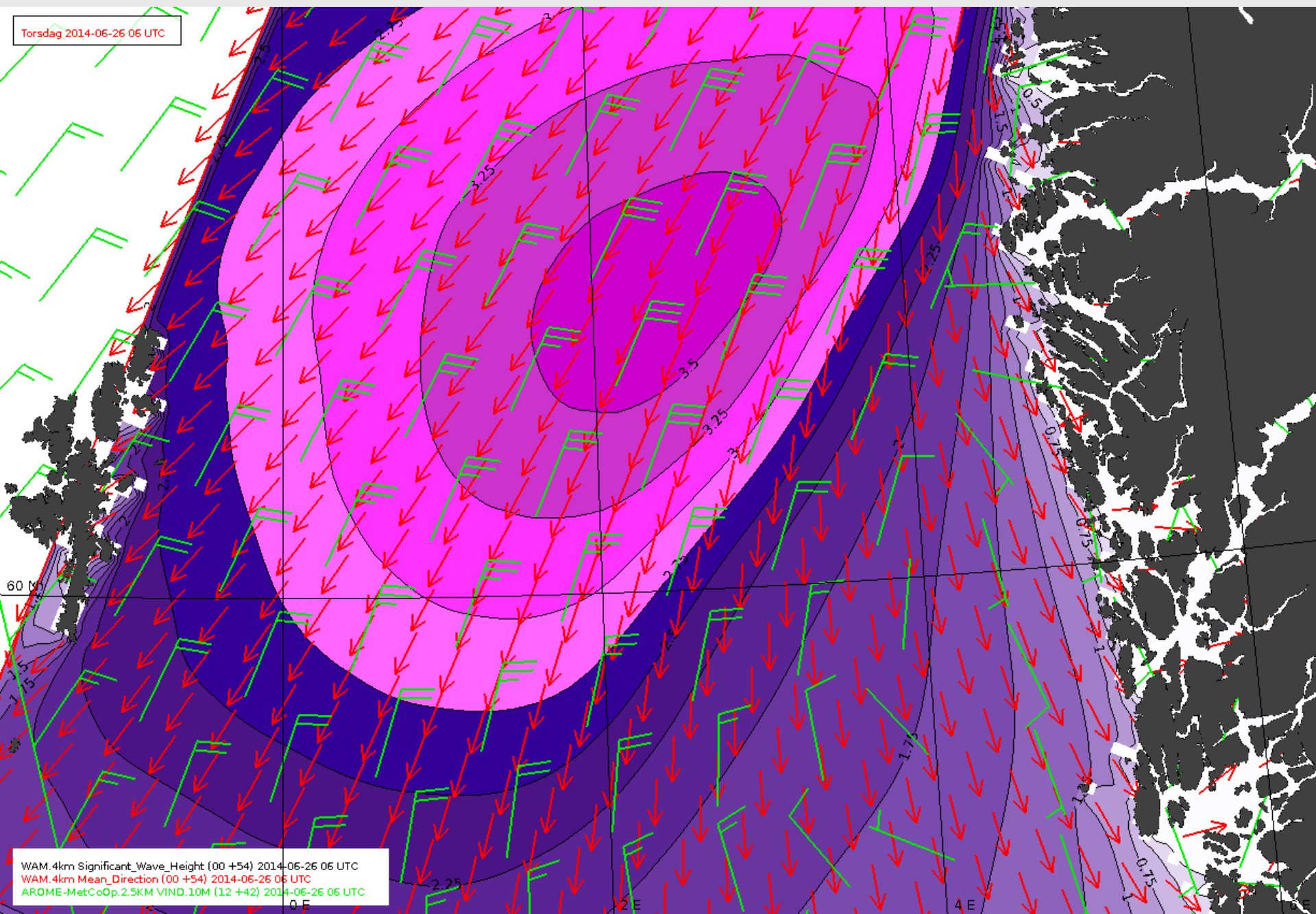
2014-06-26 00:00

Torsdag 2014-06-26 00 UTC



2014-06-26 06:00

Torsdag 2014-06-26 06 UTC



WAM.4km Significant_Wave_Height (00 +54) 2014-06-26 06 UTC

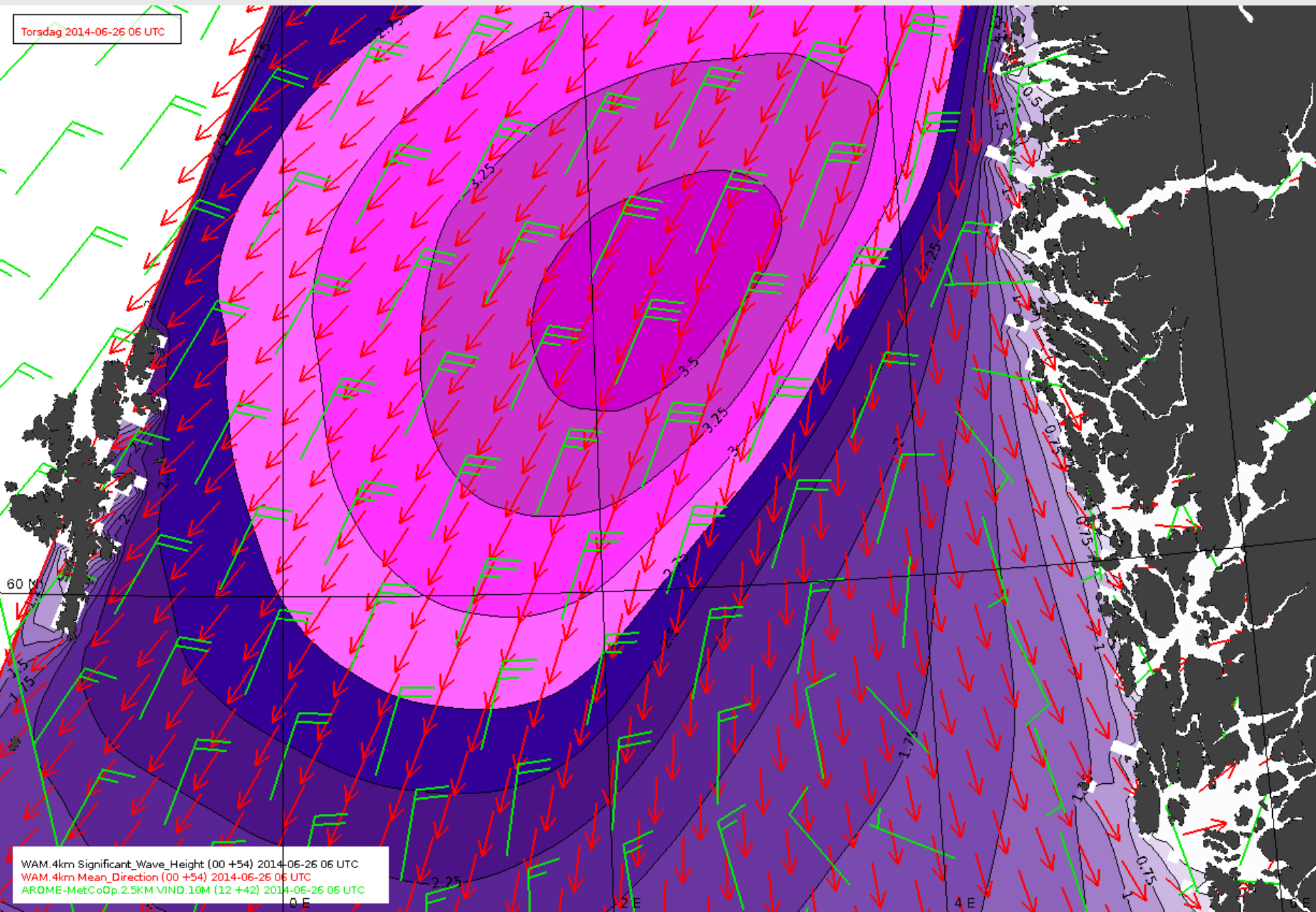
WAM.4km Mean_Direction (00 +54) 2014-06-26 06 UTC

AROME-MetCoOp.2.5KM VIND.10M (12 +42) 2014-06-26 06 UTC

Significant wave height up to 4m!

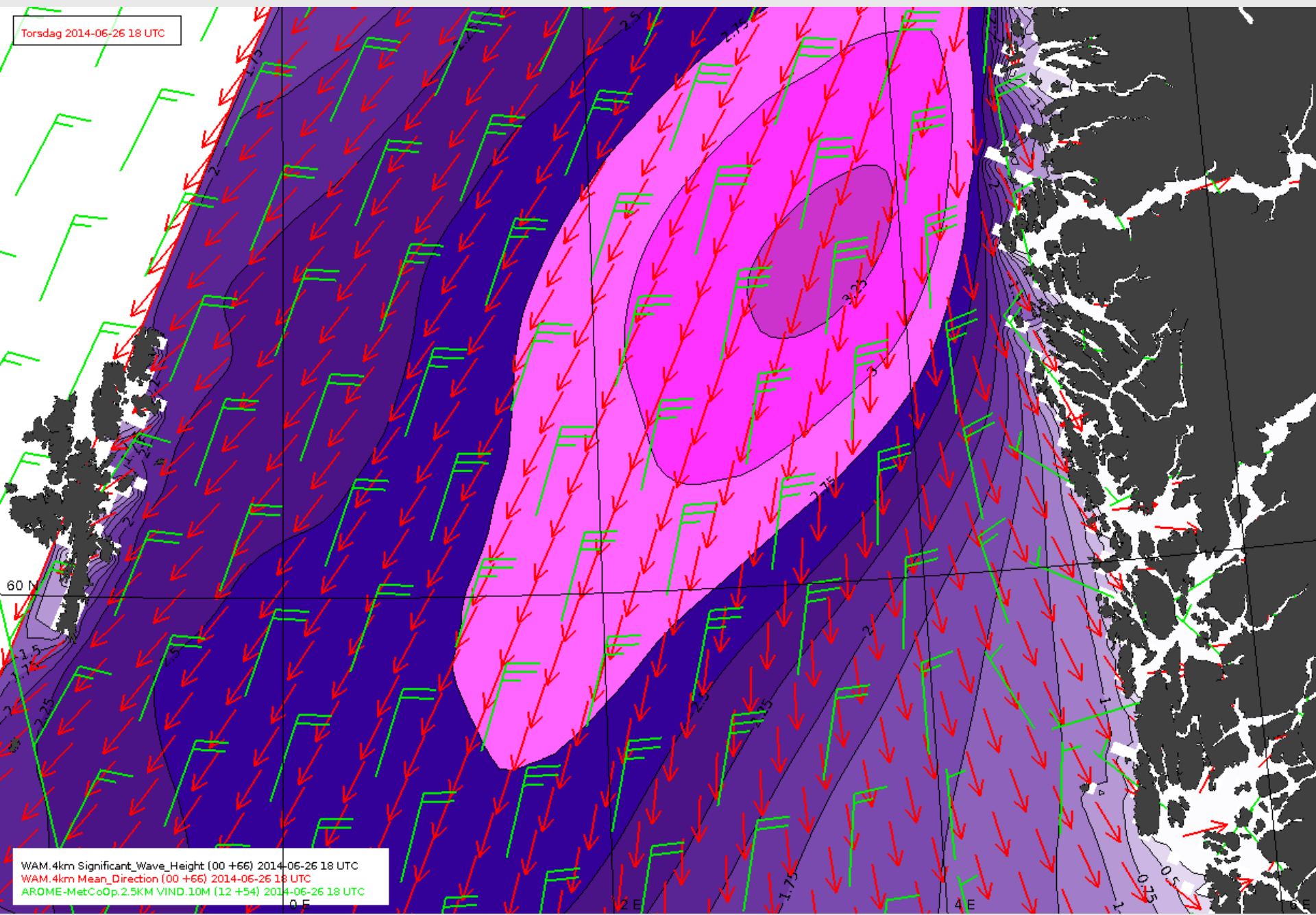
2014-06-26 12:00

Torsdag 2014-06-26 06 UTC



2m sig. wave height near Shetland

2014-06-26 18:00



Follow up on yr.no!

new forecasts available every day around 05:00, 11:00, 17:00 and 23:00



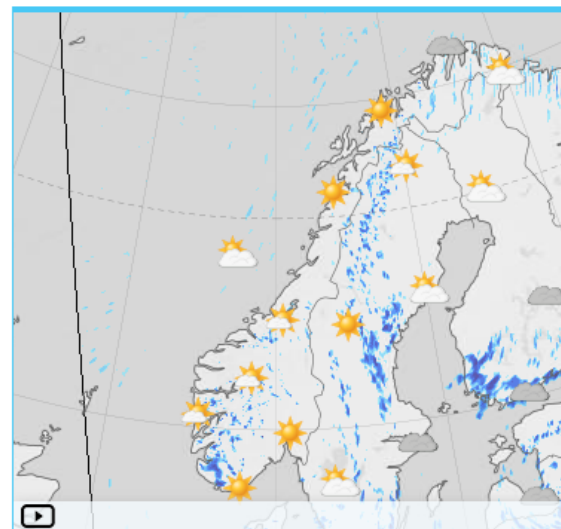
Søk blant værvarsel i Norge og verden:

SØK

Skriv stedsnavn, f.eks. [Stavanger](#), [Røst](#) eller [Beijing](#). Avansert søk



Places	Tuesday	Wednesday	Thursday	Shortcuts
Lerwick	11°	12°	12°	Hour by hour Long term
Voss	19°	19°	20°	Hour by hour Long term
Voss	19°	19°	20°	Hour by hour Long term
Herdla	13°	13°	12°	Hour by hour Long term
Evanger	18°	20°	21°	Hour by hour Long term
Bergen	17°	19°	17°	Hour by hour Long term
Herdla kirke	14°	13°	12°	Hour by hour Long term
Karlsruhe	24°	16°	21°	Hour by hour Long term



Værkart



Hav og kyst



Vannstand



Se skydekke



Flomfare



UV-varsel



Skogbrannfare



Pollenvarsel



Siste observasjoner



Varmest, kaldest, våtest



Badetemperaturer



Klima i Norge og Verden



Meteorologens værkart



Tekstvarsel



Meteorologileksikon



Spør meteorologen



Slik forstår du varslene



Kontakt og hjelp



Gratis værdata



Se hva andre har laget

Nyheter om været



Er her aldri sett på maken

om.yr.no

Byger, lyn og tordenvær

16.06.2014

Maten er akkurat lagt på grillen, sola steker og du tenker at ingenting kan ødelegge en dag som denne. Plutselig hører du et skikkelig tordenbrak, regnet begynner å [...]

Færderseilasen 2014

11.06.2014

Færderseilasen 2014 nærmer seg og her er en oversikt over

RELEVANT PLACES

[62.42900 -1.85914](#)

[Lerwick](#)

[Voss](#)

[Voss](#)

[Herdla](#)

[Evanger](#)

[Bergen](#)

[Herdla kirke](#)

↓ To the main menu at the page bottom

Sea and coast

Forecast for the fishing banks



- | | |
|------------------|----------------------|
| Aktivneset | Lingbanken |
| Bergenbanken | Louise A Boyd-banken |
| Dogger bank | Malangsgrunnen |
| Eggvingrunnen | Marebanken |
| Eigersundsbanken | Myrsethbanken |
| Fladen grunn | Nordbanken |
- Show all fishing banks

Special coast forecast

- Boknafjord
Sletta
Stad
Breisundet
Hustadvika sør
Hustadvika nord
Trondheimsleia

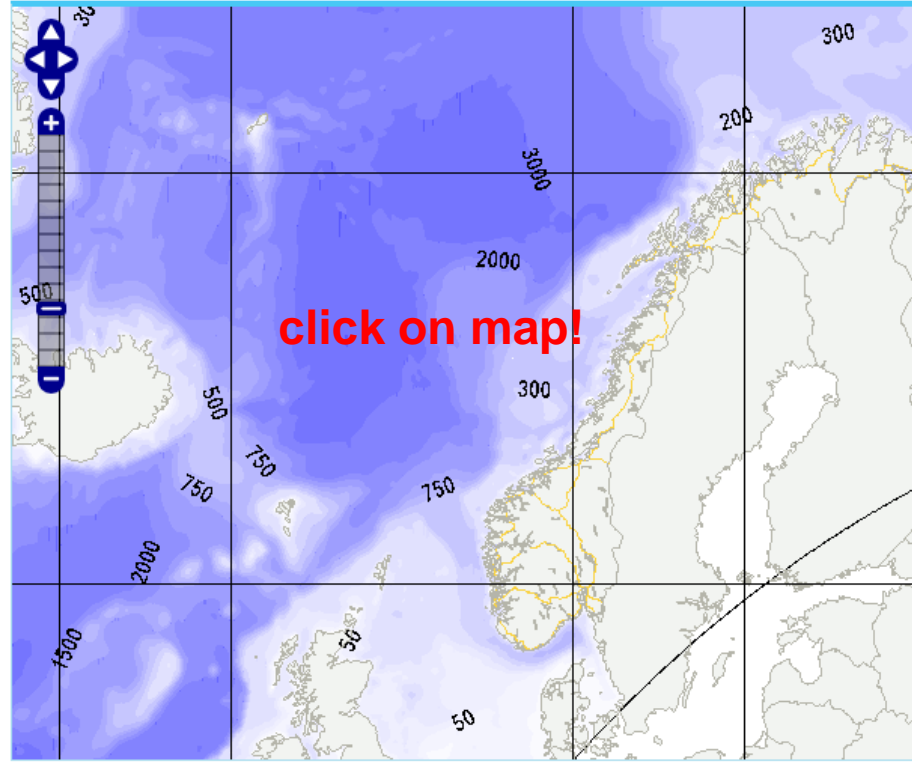
Recreational

- Small boat forecast
Gale forecast
Sea level

Other coastal services

- Ice map
Oil platforms

Select ocean and coast forecast for a particular place

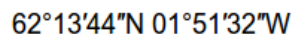


Enter latitude and longitude in decimal format i.e. 58,5 and 5,5 (can be found at the page bottom of each place)


Latitude

Longitude

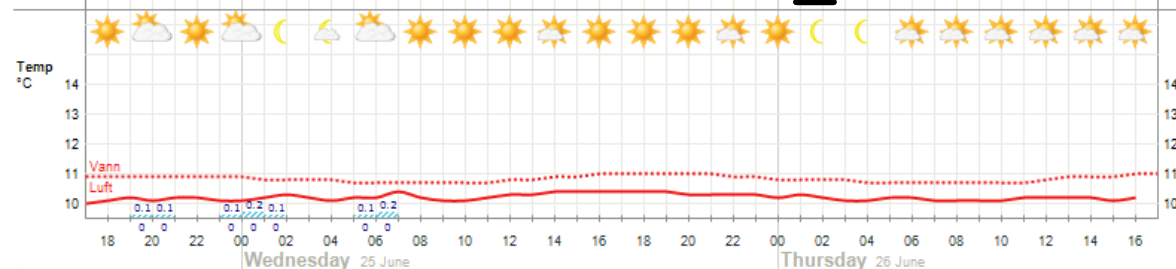
Search



Marinogram for 62.22900 -1.85914

 [Change place](#)

↓ To the main menu at the page bottom



www.yr.no/place/Ocean/62.22900_0.185914/



Wave map for 62.40000 1.50000

62°23'59"N 01°30'00"E

★ Add to My places

Oversikt

Hour by hour

Maps

Waves

Current

Water temperature

Pressure

Precipitation

Wind

Change place

RELEVANT PLACES

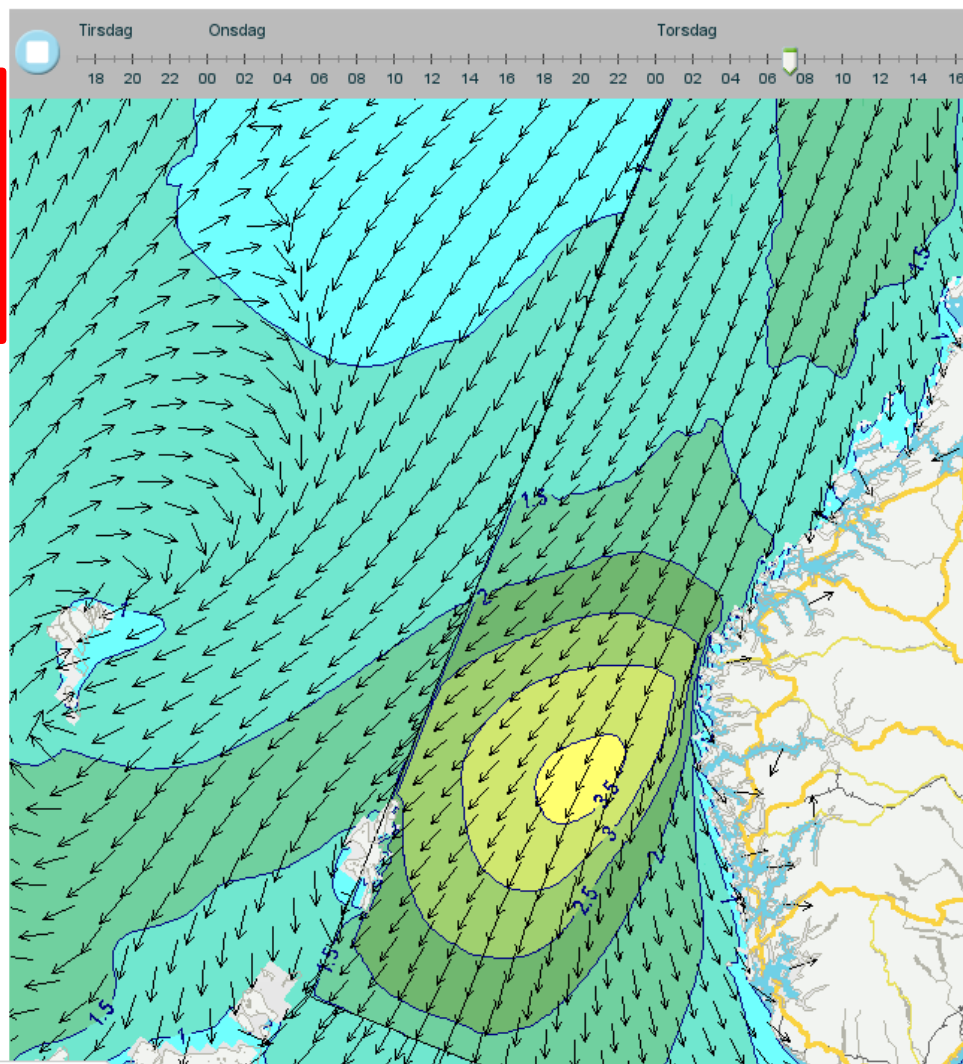
[Lerwick](#)

[Voss](#)

[Voss](#)

[Herdla](#)

To the main menu at the page bottom



God Tur!

`birgitte.furevik@met.no`

`johannes.rohrs@met.no`