

Daily observations

Date:	28 NOVEMBER	Day:	WEDNESDAY	Year:	2018
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Time (UT)	Temp. (°C)	Humidity (%)	Pressure (hPa)	Tendency
0800	8.8	83	988	Falling steadily

Remarks **WARNINGS OF GALES IN ALL AREAS**

Sky: 7/8 Sc. Dry.

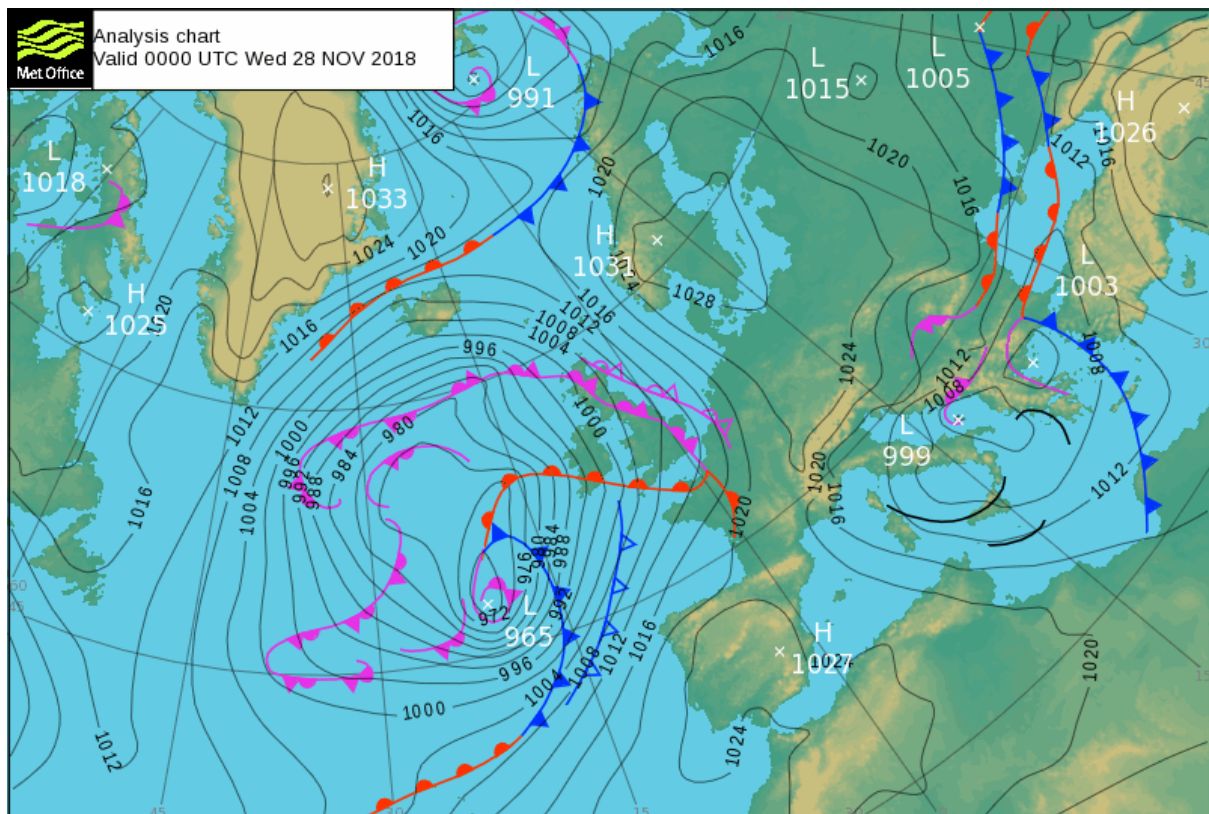
Photograph



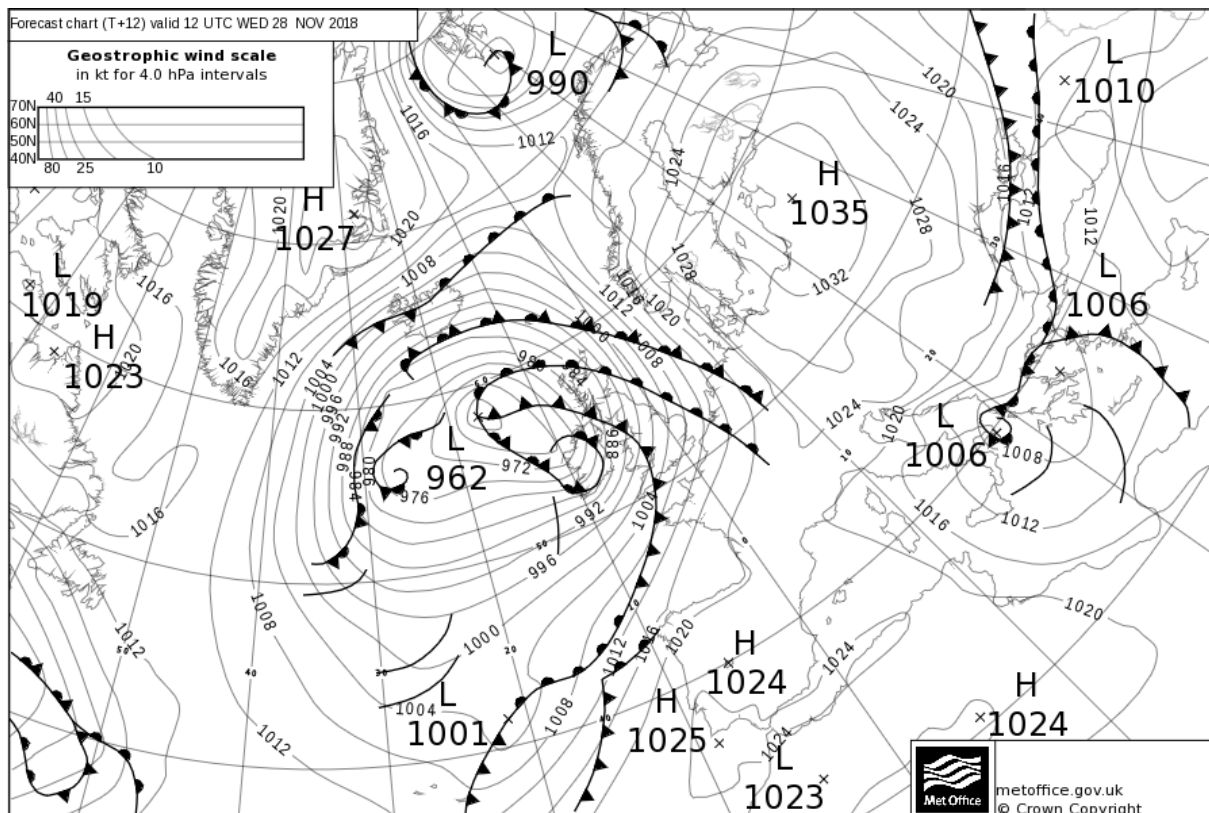
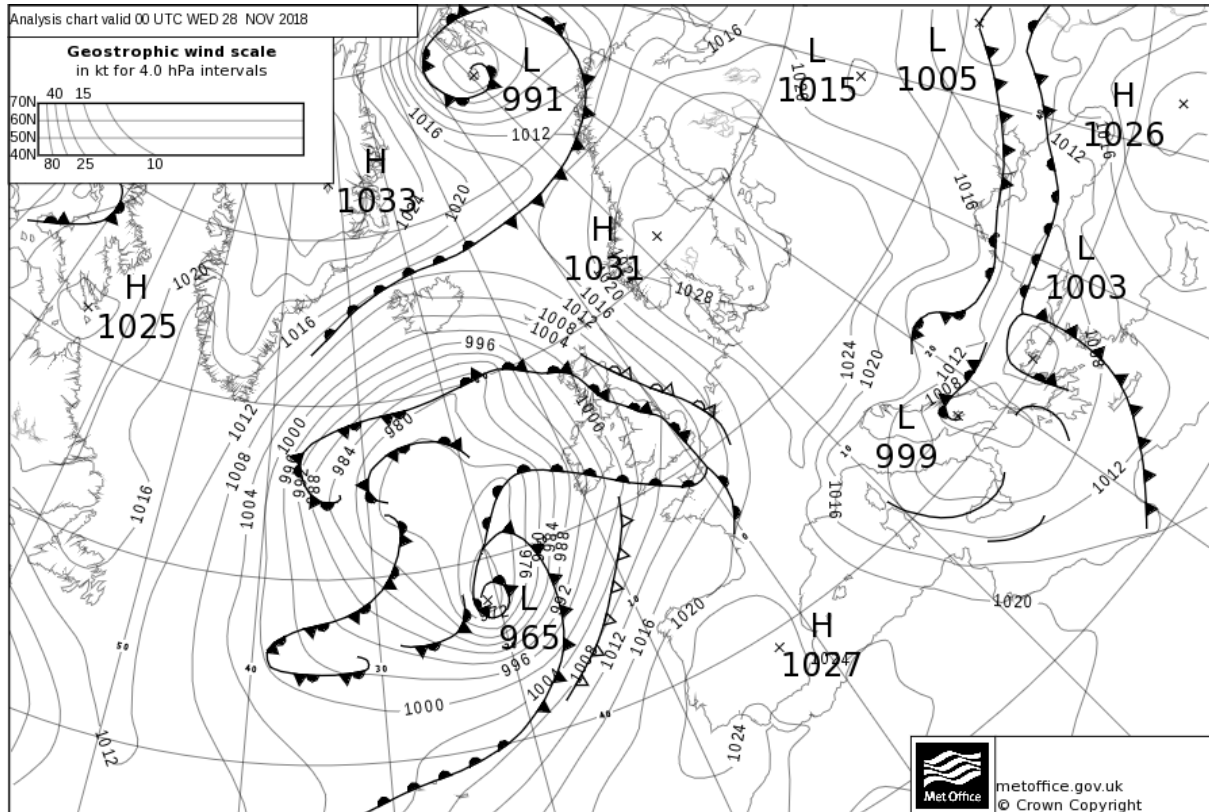


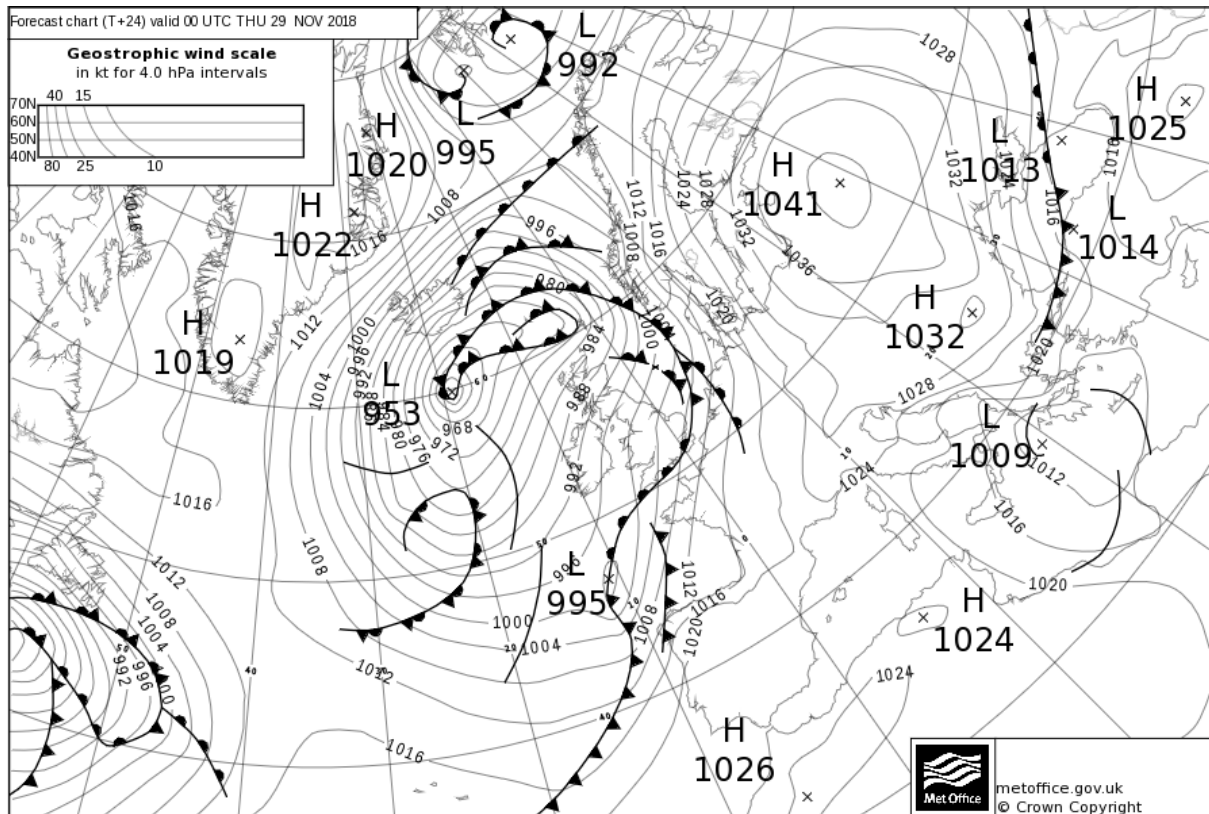
Met Office surface analysis & forecast charts

<https://www.metoffice.gov.uk/public/weather/surface-pressure/#?tab=surfacePressureColour&fcTime=1541937600>



METEOROLOGY OBSERVATIONS FOR FORECASTING EXERCISES





Shipping forecast **(GALES IN ALL AREAS)**



Shipping forecast

The shipping forecast issued by the Met Office, on behalf of the Maritime and Coastguard Agency, at 0505 UTC on Wednesday 28 November 2018 for the period 0600 UTC Wednesday 28 November to 0600 UTC Thursday 29 November 2018.

There are [warnings of gales](#) in all areas

The general synopsis at midnight

Low 250 miles west of north Fitzroy 965 moving rapidly northeast, losing its identity by midnight tonight. New low expected north Fitzroy 995 by same time

The area forecasts for the next 24 hours

Viking, North Utsire, South Utsire

Southeasterly gale 8 to storm 10, perhaps violent storm 11 later, then veering southerly 6 to gale 8 later. Rough or very rough becoming very rough or high, occasionally very high later in north Viking. Occasional rain. Moderate or poor, occasionally good

Forties, Cromarty, Forth, Tyne, Dogger, Fisher, German Bight

Southeasterly veering southwesterly 6 to gale 8, increasing severe gale 9 at times, perhaps storm 10 later in northeast Forties. Rough or very rough, occasionally high in Forties, northeast Cromarty and northwest Fisher. Occasional rain. Good, occasionally poor

Humber, Thames, Dover, Wight, Portland

Southerly or southwesterly 5 to 7, increasing gale 8 at times. Rough or very rough in Portland and west Wight, but elsewhere moderate or rough. Occasional rain. Moderate or good, occasionally poor

Plymouth, Northwest Biscay

Southerly or southwesterly 6 to gale 8, occasionally severe gale 9 later. Very rough or high. Rain. Moderate or poor

Southeast Biscay

Variable 3 or 4, becoming southerly 5 or 6 later. Rough or very rough. Showers. Moderate or good

Trafalgar (issued 0015 UTC)

In southeast, variable 3 or 4. In northwest, southerly 5 to 7, perhaps gale 8 later in north. In southeast, moderate or rough. in northwest, rough or very rough, becoming high later in far northwest. In southeast, fair. In northwest, rain or drizzle. In southeast, good. In northwest, good, occasionally poor.

FitzRoy

Southwesterly becoming cyclonic 7 to severe gale 9, but storm 10 or violent storm 11 at first in far northwest. Very high at first in northwest, otherwise very rough or high. Rain or showers. Moderate or poor

Sole

Southwesterly gale 8 to storm 10, occasionally violent storm 11 at first in west, decreasing 5 to 7. High or very high, becoming very rough or high later. Rain or showers. Moderate or poor

Lundy, Fastnet, Irish Sea

South or southwest 7 to severe gale 9, occasionally storm 10 at first, decreasing 5 or 6 for a time later. Rough at first in Irish Sea, otherwise very rough or high, occasionally very high in Fastnet. Rain or showers. Good, occasionally poor

Shannon

South veering southwest 7 to severe gale 9, occasionally storm 10 at first, decreasing 6 later. Very rough or high, becoming very high for a time at first in south and east. Rain then showers. Moderate or poor

Rockall, Malin, Hebrides, Bailey, Fair Isle

Easterly or southeasterly veering southwesterly, 7 to severe gale 9, occasionally storm 10 in Malin and northeast Fair Isle. Rough or very rough becoming very rough or high. Rain or showers. Good, occasionally poor

Faeroes, Southeast Iceland

Easterly or southeasterly, veering southwesterly later, 6 to gale 8. Rough or very rough becoming high later in east Faeroes. Rain. Good, occasionally poor

Northwest Iceland

Easterly 6 to gale 8 backing northeasterly gale 8 to storm 10. Rough or very rough, becoming very rough or high later. Rain. Good, occasionally poor

Gale warnings

Sea area gale warnings issued by the Met Office, on behalf of the Maritime and Coastguard Agency, at 0448 UTC on Wednesday 28 November 2018

All gale warnings currently in force

Viking, issued: 2148 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 increasing severe gale force 9 soon, increasing storm force 10 later

North Utsire, issued: 2148 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 increasing severe gale force 9 soon, increasing storm force 10 later

South Utsire, issued: 2148 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 increasing severe gale force 9 soon, increasing storm force 10 later

Forties, issued: 0946 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 expected soon increasing severe gale force 9 later

Cromarty, issued: 0946 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 expected soon increasing severe gale force 9 later

Forth, issued: 1546 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 increasing severe gale force 9 later

Tyne, issued: 2148 UTC on Tuesday 27 November 2018
Gale force 8 veering southerly and increasing severe gale force 9 later

Dogger, issued: 2148 UTC on Tuesday 27 November 2018
Gale force 8 veering southerly and increasing severe gale force 9 later

Fisher, issued: 2148 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 imminent, increasing severe gale force 9 soon

German Bight, issued: 2148 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 imminent, increasing severe gale force 9 later

Humber, issued: 0946 UTC on Tuesday 27 November 2018
Southerly gale force 8 expected soon

Thames, issued: 0946 UTC on Tuesday 27 November 2018
Southerly gale force 8 expected soon

Dover, issued: 0351 UTC on Wednesday 28 November 2018
Gale now ceased but southerly gale force 8 expected soon

Wight, issued: 0004 UTC on Wednesday 28 November 2018
Gale now ceased but southwesterly gale force 8 expected soon

Portland, issued: 2148 UTC on Tuesday 27 November 2018
Gale now ceased but southwesterly gale force 8 expected soon

Plymouth, issued: 0351 UTC on Wednesday 28 November 2018
Gale force 8 backing southerly and increasing severe gale force 9 later

Biscay, issued: 0351 UTC on Wednesday 28 November 2018
Gale force 8 backing southerly and increasing severe gale force 9 later

Trafalgar, issued: 0351 UTC on Wednesday 28 November 2018
Southwesterly gale force 8 expected later

FitzRoy, issued: 2148 UTC on Tuesday 27 November 2018
Southerly gale force 8 increasing violent storm force 11 imminent, veering southwesterly soon

Sole, issued: 2148 UTC on Tuesday 27 November 2018
Southerly gale force 8 increasing violent storm force 11 imminent, veering southwesterly soon

Lundy, issued: 2148 UTC on Tuesday 27 November 2018
Southerly gale force 8 increasing severe gale force 9 soon, veering southwesterly and increasing storm force 10 later

Fastnet, issued: 2148 UTC on Tuesday 27 November 2018
Gale force 8 veering southwesterly and increasing storm force 10 soon

Irish Sea, issued: 2148 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 imminent, veering southerly and increasing severe gale force 9 soon, veering southwesterly and increasing storm force 10 later

Shannon, issued: 1546 UTC on Tuesday 27 November 2018
Gale now ceased but southerly gale force 8 imminent, increasing severe gale force 9 soon then storm force 10 later

Rockall, issued: 2148 UTC on Tuesday 27 November 2018
Southeasterly severe gale force 9 continuing

Malin, issued: 0351 UTC on Wednesday 28 November 2018
Severe gale force 9 veering southwesterly and increasing storm force 10 soon

Hebrides, issued: 0952 UTC on Tuesday 27 November 2018
Southeasterly severe gale force 9 continuing

Bailey, issued: 0351 UTC on Wednesday 28 November 2018
Severe gale force 9 now backed easterly

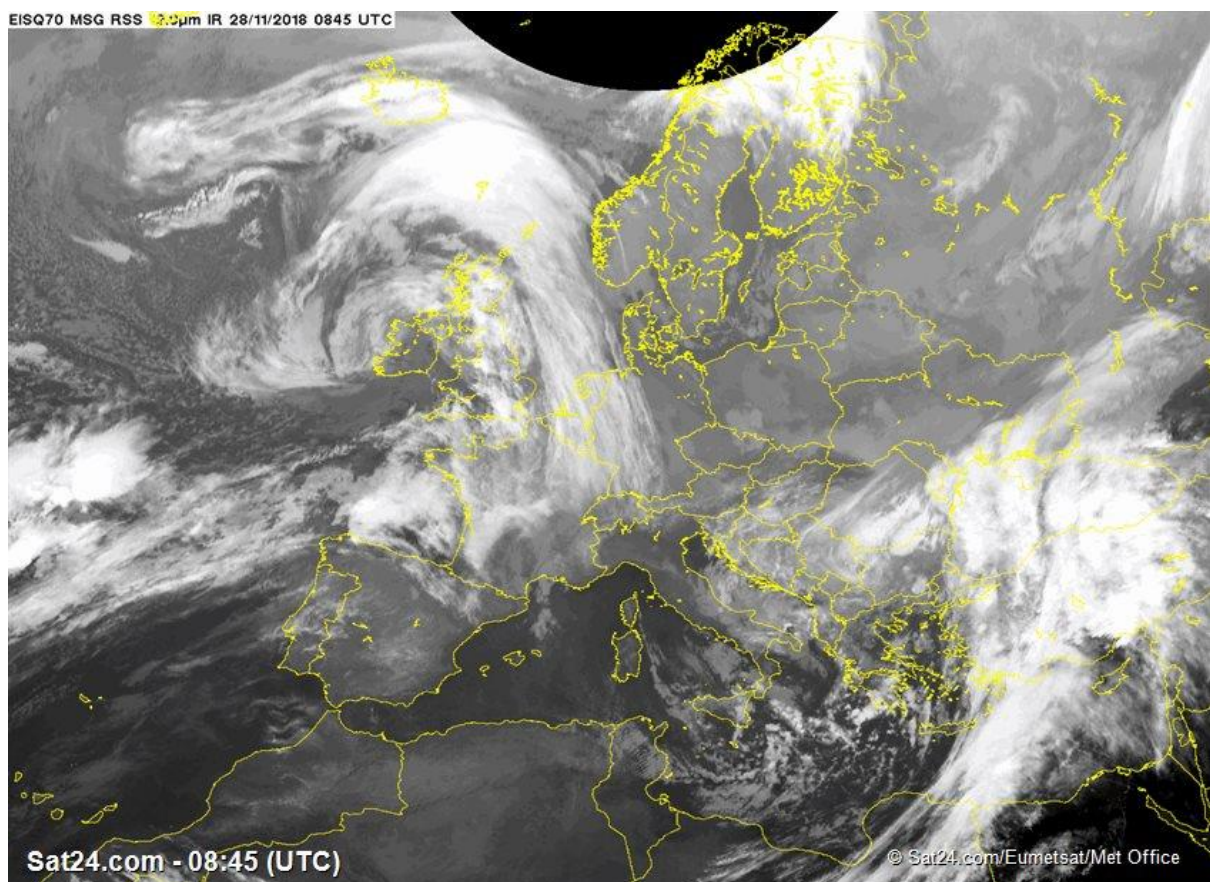
Fair Isle, issued: 0448 UTC on Wednesday 28 November 2018
Southeasterly severe gale force 9 increasing storm force 10 soon

Faeroes, issued: 2148 UTC on Tuesday 27 November 2018
Southeasterly gale force 8 continuing

Southeast Iceland, issued: 1546 UTC on Tuesday 27 November 2018
Northeasterly gale force 8 increasing severe gale force 9 soon then storm force 10 later

IR images (live)

http://meteocentre.com/satellite/imagery.php?lang=en&area=eur&map=bw_ir&size=&anim=0&refresh=450



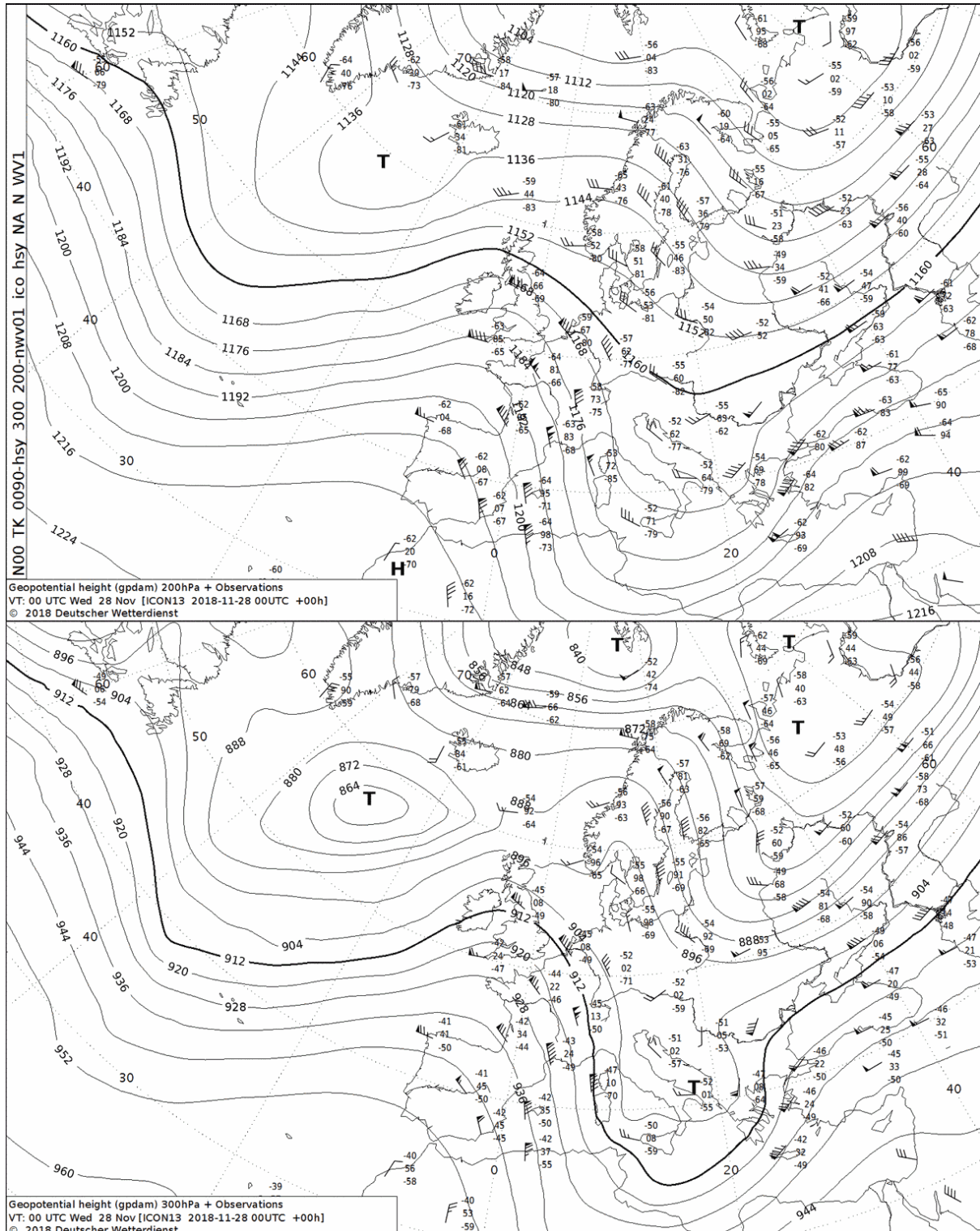
Upper air 500 hPa constant pressure charts (LHS) & MSLP charts (RHS)

Deutscher
Wetterdienst (DWD - German Weather Service)

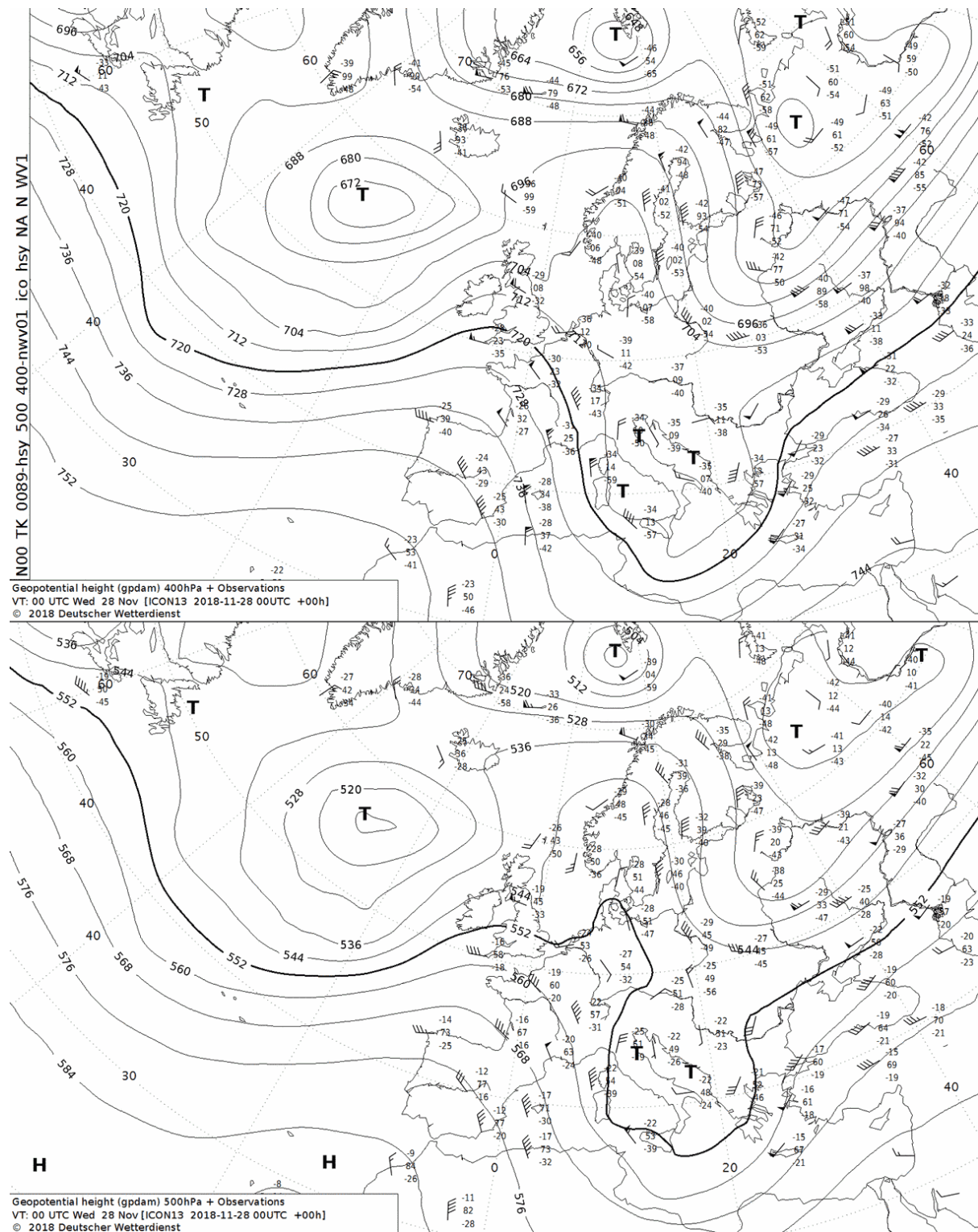
http://www1.wetter3.de/fax_en.html



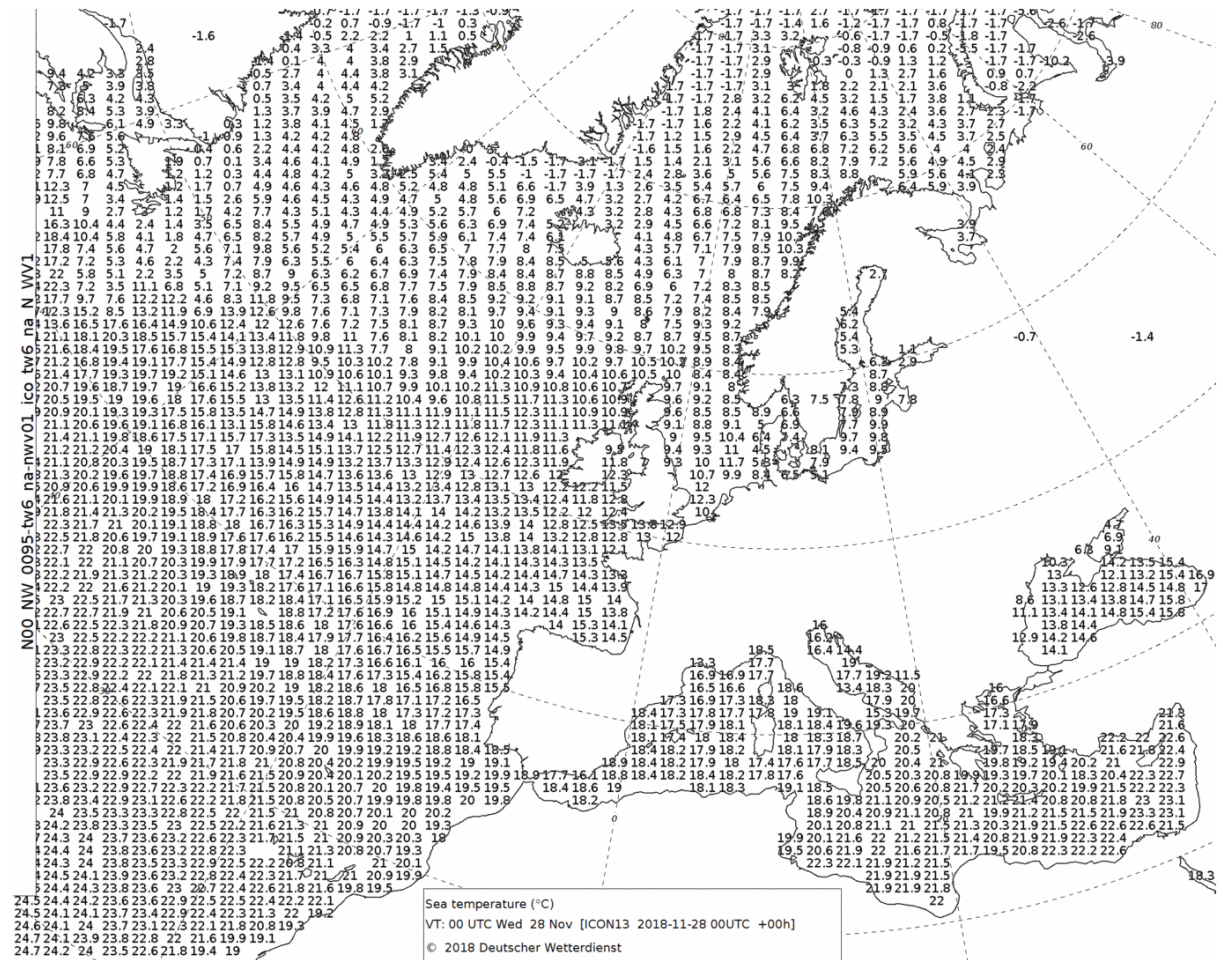
Analysis 200 & 300 hPa



Analysis 400 & 500 hPa

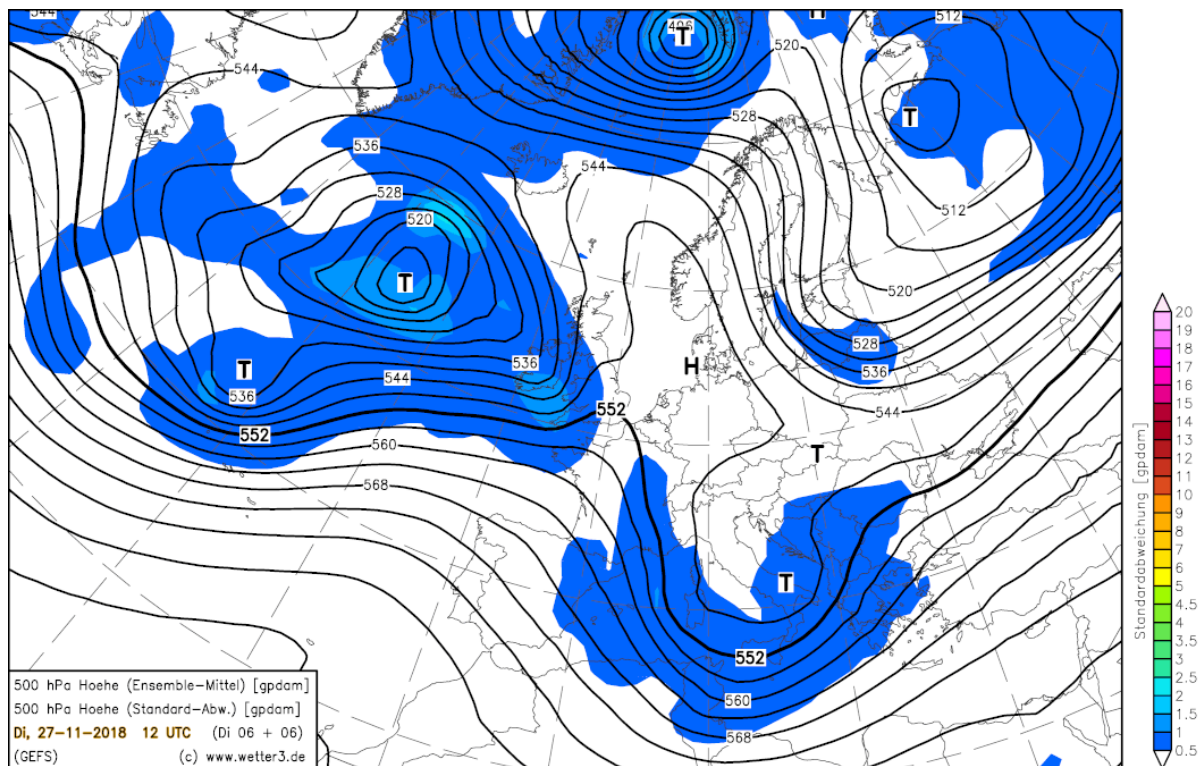
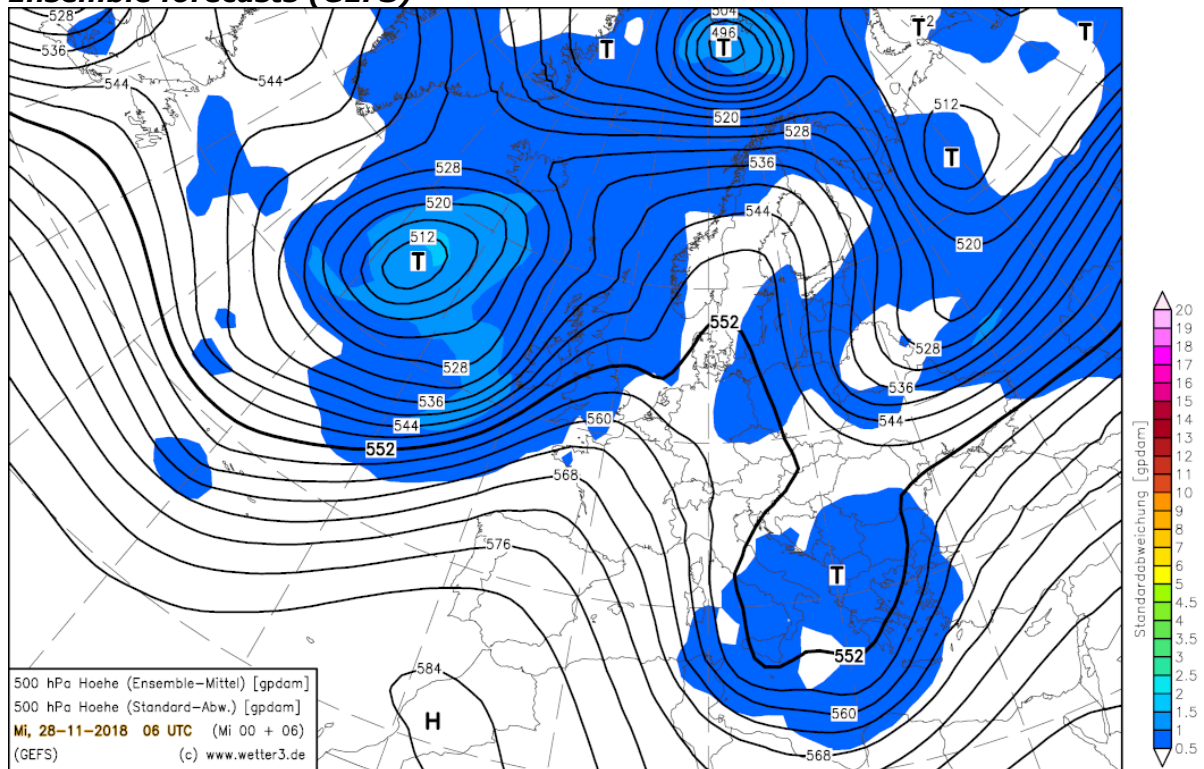


Water Temperatures



500 hPa Analysis and forecast with temperature

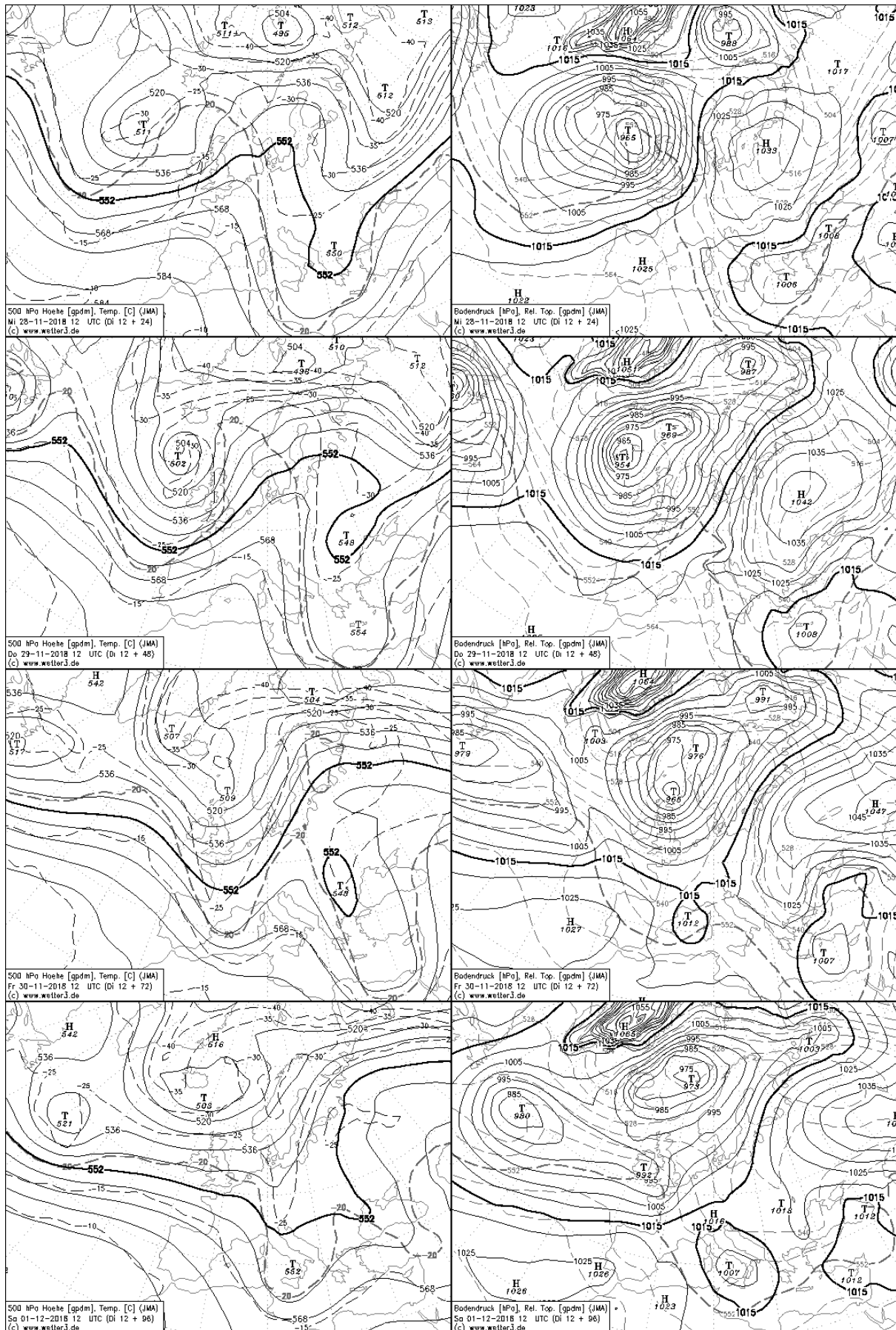
Ensemble forecasts (GEFS)



Japan Meteorological 
Agency (JMA)

HT500 Surface +24.....96

METEOROLOGY OBSERVATIONS FOR FORECASTING EXERCISES



Jet stream

<https://www.theweatheroutlook.com/twodata/datukgfshires.aspx?display=jetstream&model=gfs>

