



Energy Weather

Longterm weather outlook – Trader’s summary

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Weather scenarios

KW 24 (confidence medium):

The weather pattern for the next weeks, the following month and maybe also some hints for the late summer are shown in the upcoming part. For week 24, we mainly use the model solutions. We assume low pressure to reach SW-Europe, maybe as a Cut-Off low pressure system. This system could stabilize high pressure over Central Europe to the north. Not sure how far north, but as we have negative AO, we go for the northerly option. In sum we will see quite warm temperatures, especially over Central Europe within a dry pattern.

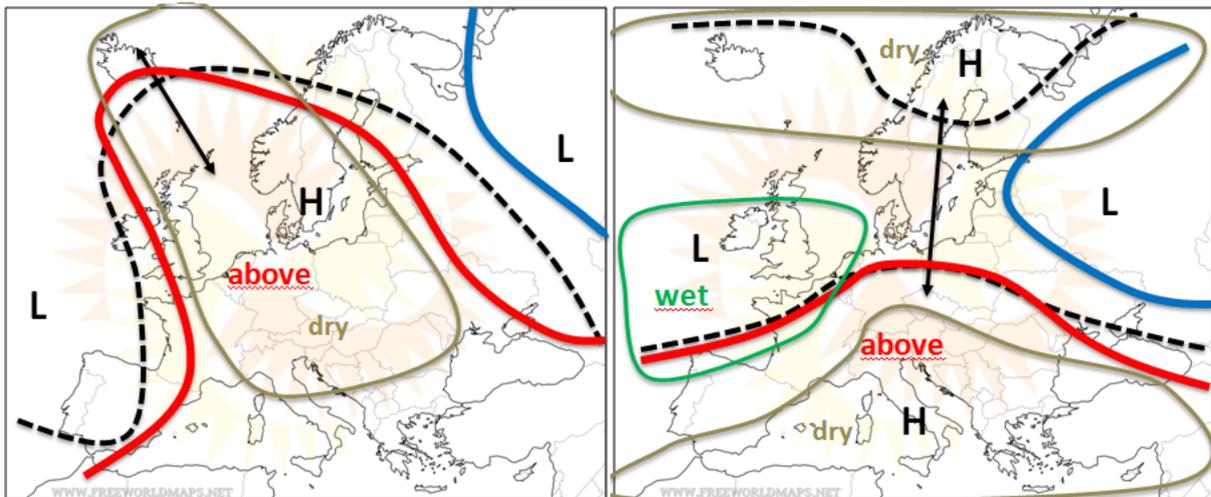


Figure 1: Expected weather pattern for week 24 (left) and week 25 (right).

KW 25 (confidence low):

In week 25 we could see some more low pressure activity towards the UK and Northern Germany. The analogues for May are suggesting this pattern and this seems reasonable due to the past development. The NCEP analogues hinting stronger to the pattern of week 24 to persist, but doubt it to sit for two weeks in a row. Such a pattern, especially with a meridional and therefore further warming trend becomes less stable and low pressure activity will cause

thunderstorms and some cooling for some days. In Southern Europe the pattern has widespread the chance to persist on the calm and very warm side.

July (confidence medium to high):

Figure 2 shows our expected weather pattern for July. As we may see more low pressure activity in end of June, July could start with the alternative scenario. I expect that we will see the main and the alternative scenario in the weeks of July, but the main scenario will clearly dominate the month. Arguments for the main scenario are the high pressure persistence in this year as well as possible effects from the ice melting, which could create a stationary low pressure system west of Ireland. And of course the similar development compared with recent hot summers like 2003 (in the extreme case) is leading to this opinion. In most cases, the summer pattern is relatively similar to the pattern of the last 12 months (-> persistence) which inhibits the risk for the alternative scenario not take place as high pressure dominates. As the arctic cold air reservoir decreases from June to July, low pressure activity will additionally lose strength. The impacts on this summer's pattern would translate into higher temperatures for Southern and Central Europe, with a chance to a lesser intensity also to affect the rest of Europe. On the other side, one argument for the alternative scenario are those analogue years developed out of May pattern. If Arctic Oscillation should not stay normal to slightly negative in July but turn significantly negative, the alternative scenario would become more likely.

Regarding Hydro we expect below normal precipitation for most parts of Europe. Locally some thunderstorms in Western Europe could lead to normal or aboves here, but that tendency purely out of weather pattern is at risk to fail due to low soil moisture.

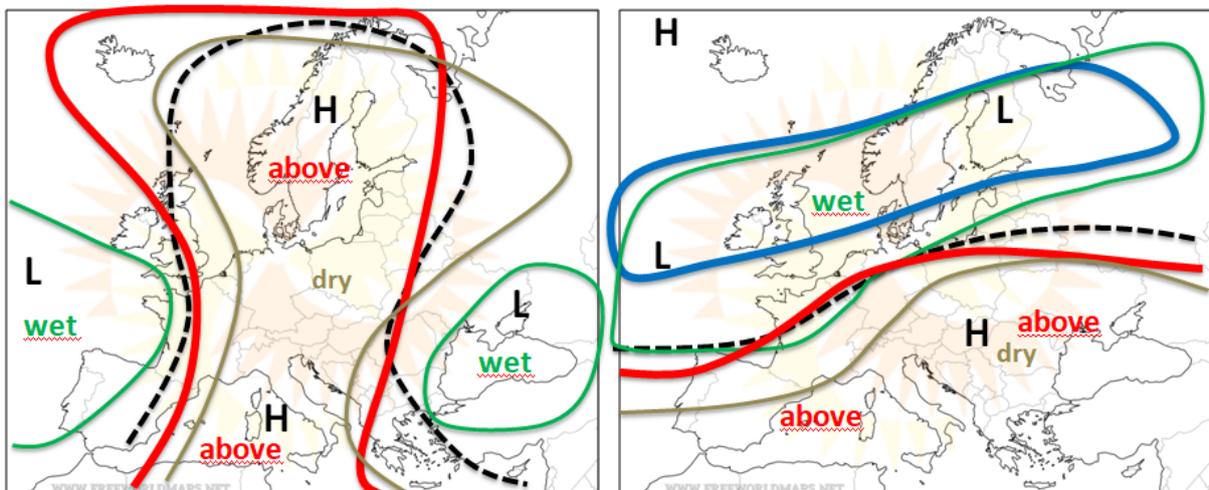


Figure 2: Expected weather pattern for July. The left picture shows the main scenario (50%), while the right picture represents the alternative scenario (25%). We expect both prints to have a share in the month, but the main scenario will determine the month.

Trend thereafter:

A more negative AO will possibly occur in late summer/autumn, if the Arctic Sea Ice should collapse => reduced contrast between Arctic and mid latitudes. After an episode with conditions like July alternative scenario, high pressure close to Scandinavia becomes likely.

Market Summary

Market	KW24	KW25	July
Germany	slightly bullish	neutral	slightly bullish
France	bullish	slightly bullish	bullish
Nordic	slightly bullish	slightly bullish	slightly bullish
UK	neutral	slightly bearish	neutral
SE-Europe	bullish	slightly bullish	bullish
Spain	slightly bullish	neutral	slightly bullish
Italy	slightly bullish	slightly bullish	slightly bullish

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■	bullish
■	slightly bullish
■	neutral
■	slightly bearish
■	bearish

Germany

KW 24: Temperatures & PV above, wind & precip below

KW 25: Temperatures & PV above, wind normal, precip below

July: Temperatures & PV above, wind & precip below

France

KW 24: Temperatures above, runoff normal, precip & wind below

KW 25: Temperatures above, wind normal, runoff & precip slightly below

July: Temperatures above (river temps, too), precip, runoff & wind below

Nordic

KW 24: Temperatures above, precip & wind below

KW 25: Temperatures & wind normal, precip below

July: Temperatures above, precip & wind slightly below

United Kingdom

KW 24: Temperatures & PV slightly above, wind normal

KW 25: Temperatures & PV normal, wind slightly above

July: Temperatures & PV slightly above, Wind normal

South East Europe

KW 24: Temperatures above, runoff & precip below

KW 25: Temperatures above, runoff & precip below

July: Temperatures above, precip below, runoff significant below

Spain

KW 24: Temperatures slightly above, wind & precip slightly below

KW 25: Temperatures above, wind & precip normal

July: Temperatures above, wind slightly below, precip just local

Italy

KW 24: Temperatures & PV above, wind normal, precip below

KW 25: Temperatures & PV above, wind normal, precip below

July: Temperatures & PV above, wind normal, precip below

Disclaimer:

1. Deviations are named for the base case scenario and for balance of the contracts in relation to climatological expectation values (running 10y-mean)
2. Monthly outlooks basing on teleconnection pattern, state of circulation and analogues. Take them as a hint on the dominant pattern to come instead of a deterministic forecast.
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