

2. Seasonal outlook for winter 2011/2012 weather conditions over Greece

Seasonal forecasts for the forthcoming winter 2011/2012 provided by Hellenic National Meteorological Service (HNMS) are archived from the European Centre for Medium-Range Weather Forecasts (ECMWF). The HNMS receives seasonal forecasts from the European Centre for Medium-Range Weather Forecasts (ECMWF). Although HNMS does not disseminate seasonal forecasts to the public, they are used for research purposes.

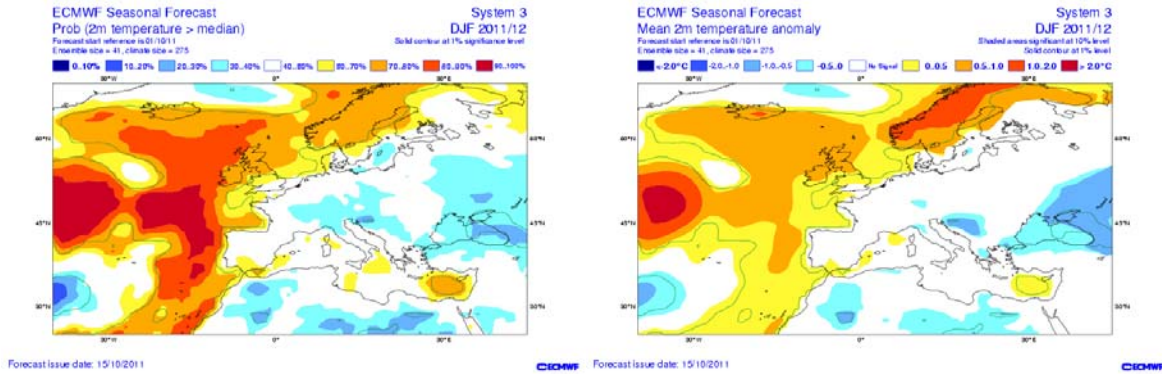


Figure 7. ECMWF seasonal forecast plots for winter 2011/2012 based on the October 2011 run for mean temperature anomalies and probabilities of values higher than median.

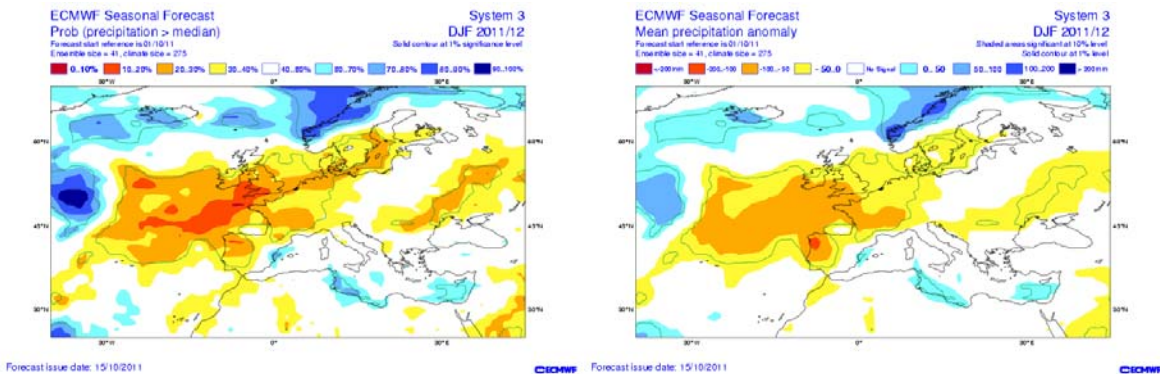


Figure 8. ECMWF seasonal forecast plots for winter 2011/2012 based on the October 2011 run mean precipitation anomalies and probabilities of values higher than median.

The ECMWF forecast for winter 2011/2012 based on the model run of October 2011 indicate that there will be no large deviations from the normal seasonal values. More specific, a small negative anomaly of the order of 0.0-0.5°C for mean temperature over Central Greece with respect to the model climatology is evident in Fig. 7 as well as a slight positive anomaly in South Eastern Greece.

Regarding the mean precipitation, the ECMWF seasonal forecast illustrated in Fig. 8 predicted a small positive anomaly over central and northern Greece, while for the rest of Greece no signal was apparent in comparison to the model climatology.