



14 November 2013

## **Seasonal outlook for winter 2013/14 weather conditions over Israel**

The seasonal forecasts provided by the European Centre for Medium Range Weather Forecasts (ECMWF) is the primary source of information used by the Israeli Meteorological Service. We average 5 grid points over Northern and Central Israel for the precipitation forecast, and 9 grid points over the entire country for the temperature forecast.

We use the 40% probability threshold to define above random probability. Therefore, for the temperature forecast there is a signal for above normal conditions (Fig. 1). On the other hand, for precipitation there is a flat distribution indicating the model has no skill for the coming season forecast (Fig. 2).

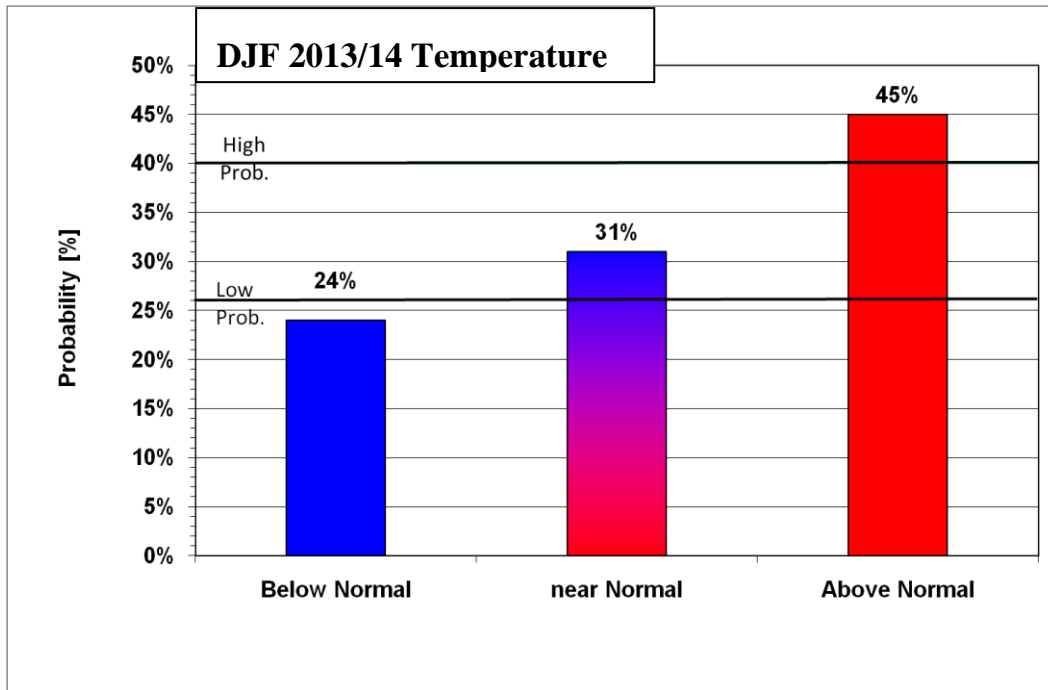


Fig. 1: Average of 8 grid point from ECMWF DJF Temperature probability forecast over Israel.

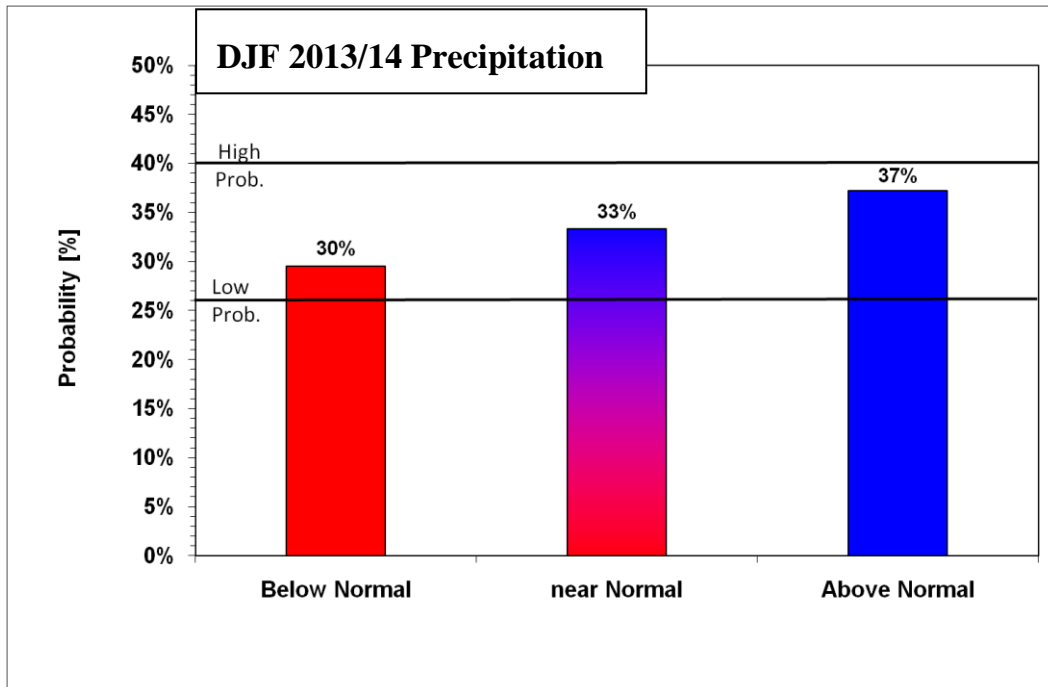


Fig. 1: Average of 5 grid point from ECMWF DJF precipitation probability forecast over Northern and Central Israel.