

SEECOF-5 verification for JJA 2011 over Israel

Yoav Levi, Israel Meteorological Service

The forecast probability for above normal 2011 JJA temperatures over Israel was 50% relative to the period 1961-1990. The normal probability forecast was 40% and only 10% were signed for the below normal category (Fig. 1).

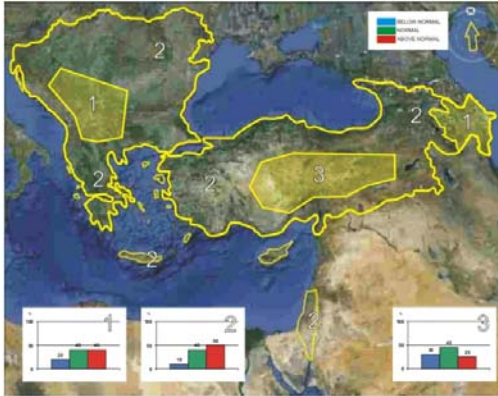


Figure 1. Graphical presentation 2011 summer temperature outlook

The average 2011 JJA temperature at near Tel-Aviv was 26.9°C. This value is much higher than the highest average temperature measured during 1963-1992. As can be seen in figure 2, all years since 1993 are in the “above normal” tercile of 1963-1992 distribution. Therefore, although the forecast was O.K. due to global warming it doesn’t have much meaning when the reference period is 1961-1990.

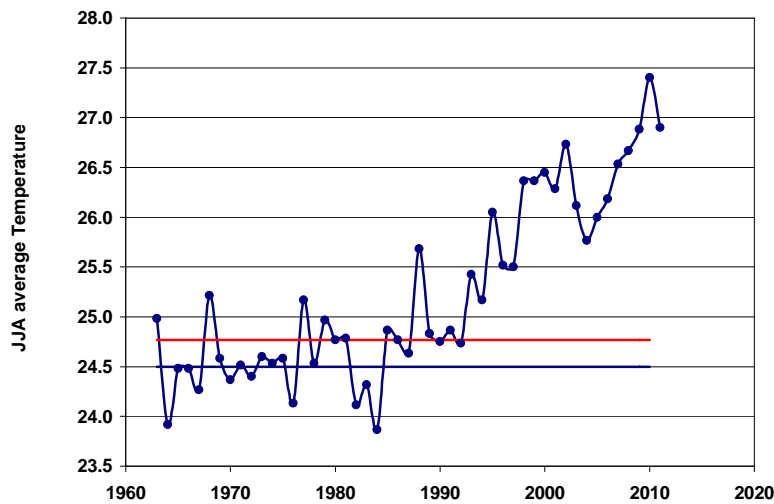


Fig. 2: JJA average temperatures at Bet Dagan near Tel Aviv from 1963 to 2011. The blue line presents the 33.33% percentile and the red line presents the 66.67% percentile.