

Climate outlook

Mashhad, February 2017– Multi-model statistically weighted seasonal forecast for February to May 2017 prepared by Mashhad Climate Center (MCC)/National Center for Climatology indicates that the most of West Asian and ECO region countries may experience normal to above normal precipitation.

In the same time, Most of ECO region is expected to be normal to above normal temperature. A neutral condition is predicted for ENSO.

• **Niño forecast**

The collection of ENSO prediction models indicates SSTs, now near the threshold of La Niña, is in the process of dissipating to neutral levels by February. The most recent weekly anomaly in the Nino3.4 region was -0.3 °C, in the ENSO-neutral level. (Fig 1 and 2).

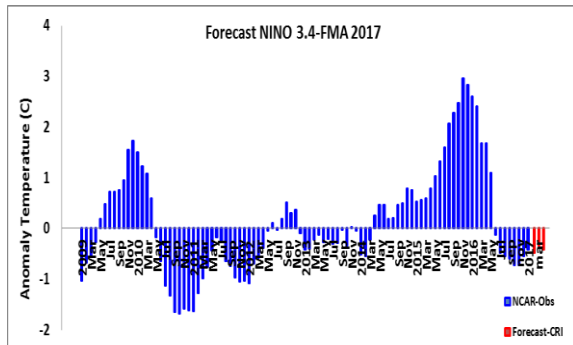


Fig 1. Nino3.4 forecast indicates a weak El-Nino condition during February to April 2017.

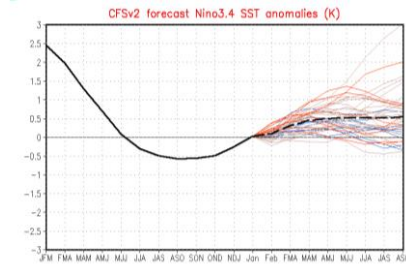


Fig. 2. NCEP-CFS v2 ENSO forecast system.

• **Precipitation**

Seasonal precipitation forecasts over West Asian Countries and ECO (WACE) region are shown in figures 3 to 4 for the periods of February to May 2017.

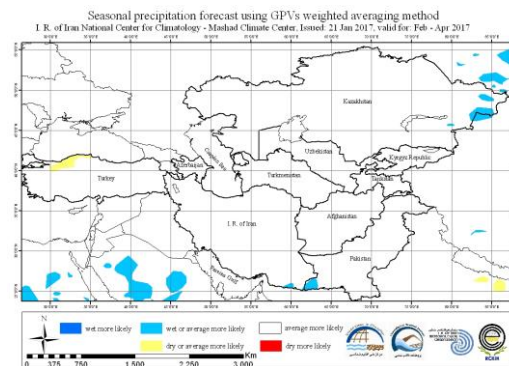


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region for for Feb to Apr 2017.

In the first lead time, precipitation in the most of WACE region will be normal condition. precipitation in the parts of the Kazakhstan and Pakistan, will be above normal.

During March to May 2017 the precipitation in the most of WAE countries expected to be normal to above normal condition. But it is normal to bellow normal in the Turkey. Figure 4 is showing the details of the precipitation forecast in the region.

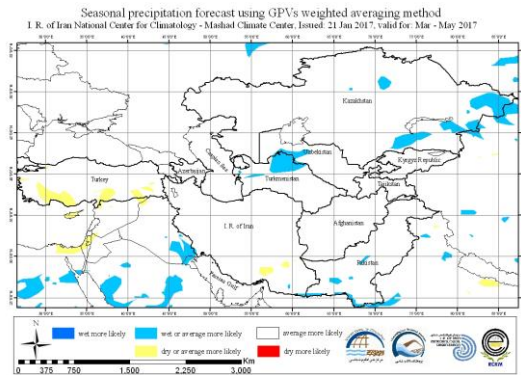


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Mar–May 2017.

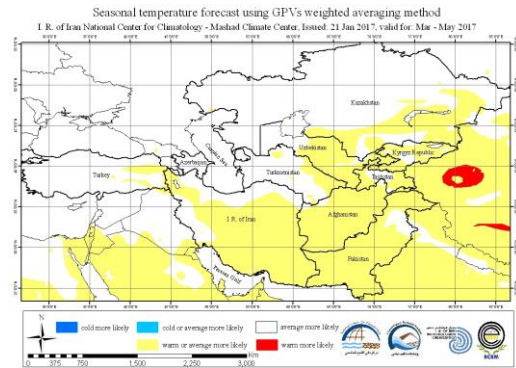


Fig 6. Mean temperature forecast over West Asian countries and ECO region for Mar–May 2017.

• **Temperature**

Mean seasonal temperature forecast over ECO region is shown in figures 5 and 6 February to May 2017.

In the period of March to May 2017, Temperature in the most of WACE region expected to be above normal. Temperature in the parts of the Turkey, Turkmenistan ,Kazakhstan and North, West and southwest of Iran expected to be normal.

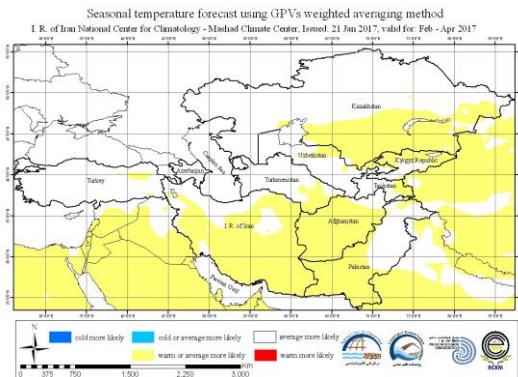


Fig 5. Mean temperature forecast over West Asian countries and ECO region for Feb to Apr 2017.

Temperature over the most of WAE countries expected to be normal to above normal.

**Seasonal prediction newsletter
Mashhad Climate Centre(MCC) and
ECO-Regional Centre for Risk
Management of natural disasters
(ECO-RCRM)**

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