

Climate outlook

Mashhad, March 2017– Multi-model statistically weighted seasonal forecast for March to Jun 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 bellow 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 are likely to remain neutral through May 2017, with a chance for El Niño development later in the year. The most recent weekly anomaly in the Nino3.4 region was close to 0.0 °C, in the ENSO-neutral level. (Fig 1 and 2).

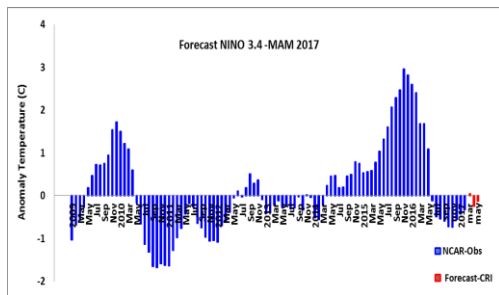


Fig 1. Nino3.4 forecast indicates a weak El-Nino condition during March to May 2017.

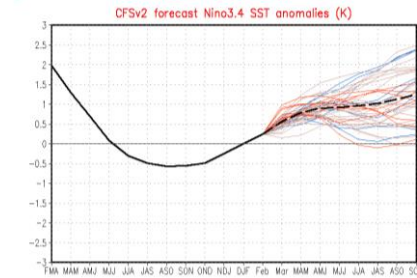


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

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

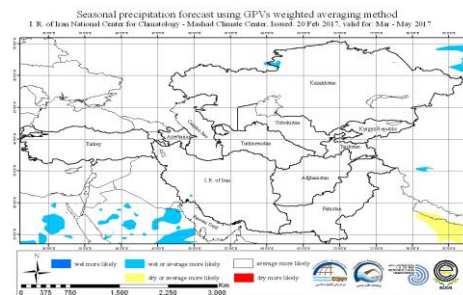


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region Mar-May 2017.

In the first lead time precipitation in the most of WACE region will be normal condition.

During April to Jun 2017 the precipitation in the most of WAE countries expected to be normal condition. But it will be bellow normal in the parts of Pakistan, Afghanistan and Uzbekistan. Figure 4 is showing the details of the precipitation forecast in the region.

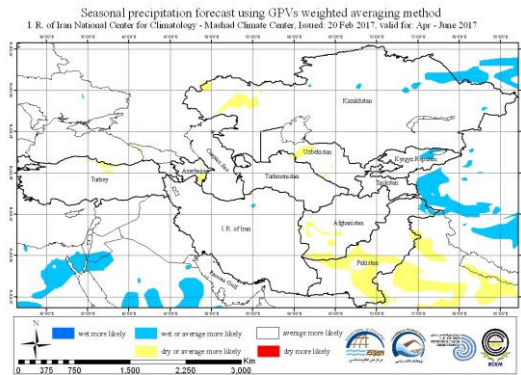


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Apr-Jun 2017.

• **Temperature**

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

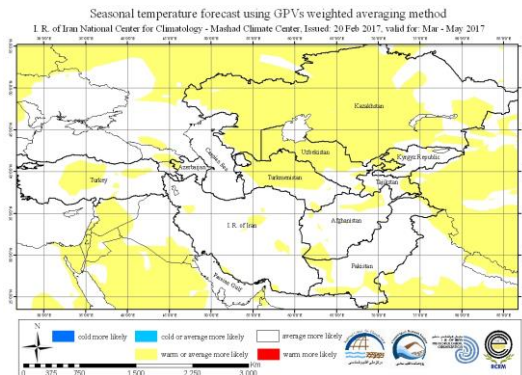


Fig 5. Mean temperature forecast over West Asian countries and ECO region for Mar-May 2017.

In the period of March to May 2017, Temperature in the most of WACE region expected to be normal to above normal.

Temperature in the parts of the Turkey, Pakistan, Afghanistan and most of Iran expected to be normal.

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

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For more info contact to:

Mashhadmcc@gmail.com