

Climate outlook

Mashhad, May 2017– Multi-model statistically weighted seasonal forecast for May to August 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 below 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 increasing chances of El Nino into the summer and fall of 2017. The most recent weekly anomaly in the Nino3.4 region was 0.2, at an ENSO-neutral level. (Fig 1 and 2).

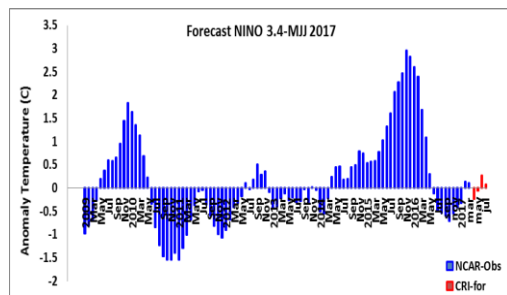


Fig 1. Nino3.4 forecast indicates a neutral condition during May to July 2017.

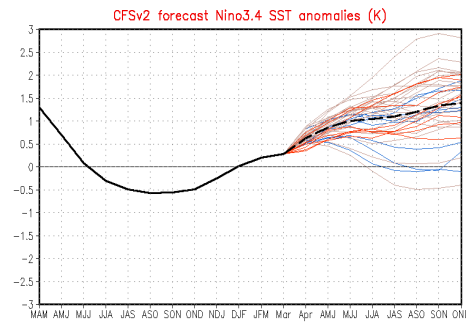


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

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

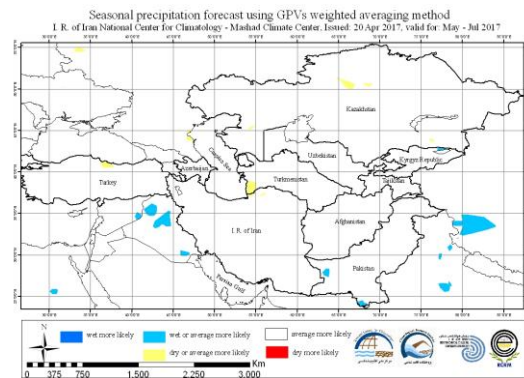


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region May to July 2017.

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

During Jun to August 2017 the precipitation will be normal to below normal condition. Precipitation in parts of Afghanistan, Pakistan, Kazakhstan, Uzbekistan, Turkey and Iran expected to be below normal. Figure 4 is showing the

details of the precipitation forecast in the region.

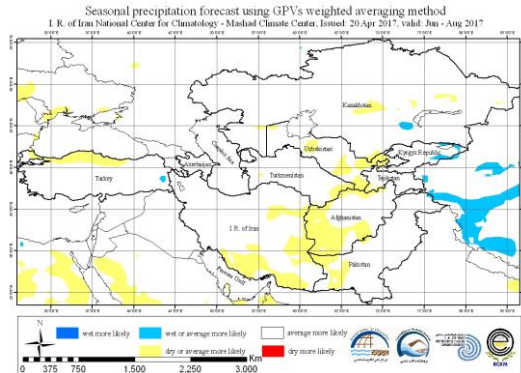


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Jun to Aug 2017.

- **Temperature**

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

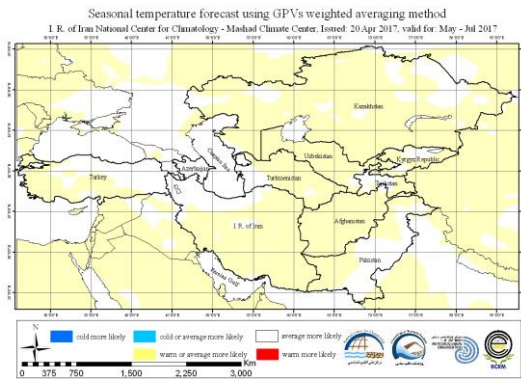


Fig 5. Mean temperature forecast over West Asian countries and ECO region for May to July 2017.

Most of ECO countries will have normal to above normal temperature. Temperature in the parts of Turkey, Pakistan, Turkmenistan and North of Iran expected to be normal.

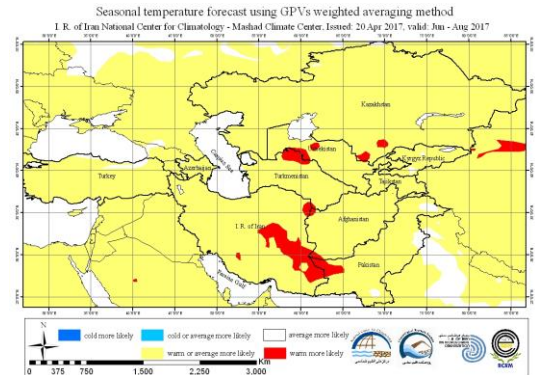


Fig 6. Mean temperature forecast over West Asian countries and ECO region for Jun to Aug 2017.

In the period of Jun to August 2017, Temperature in the most of WACE countries expected to be 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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