

Climate outlook

Mashhad, November 2017– Multi-model statistically weighted seasonal forecast November 2017 to February 2018 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 latest ENSO prediction models indicates weak La Niña as a likely scenario during Northern Hemisphere fall and winter. The most recent weekly anomaly in the Nino3.4 region was 0.5 C, at the borderline of ENSO-neutral and weak La Niña (Fig 1 and 2).

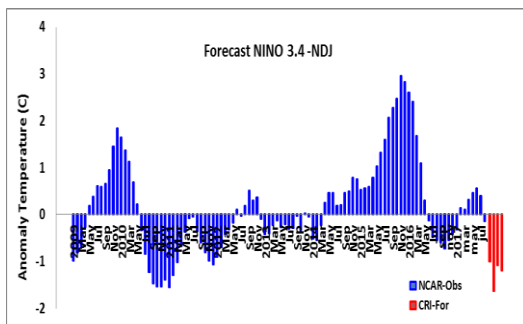


Fig 1. Nino3.4 forecast indicates a neutral condition during November 2017 to January 2018.

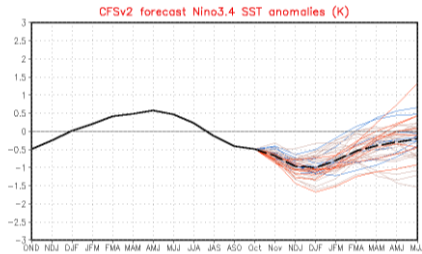


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

Seasonal precipitation forecasts over West Asian Countries and ECO (WACE) region are shown in figures 3 to 4 for the periods of November 2017 to February 2018.

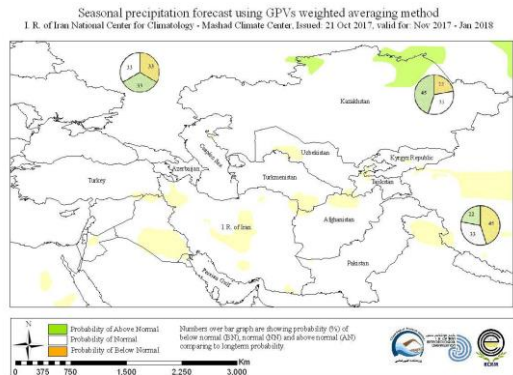


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region November 2017 – January 2018.

In the first lead time precipitation in the most of WACE region and Iran will be normal condition. But precipitation in the parts of Afghanistan, Turkmenistan, Uzbekistan and Iran is expected to be bellow normal. It will be above normal in the parts of Kazakhstan.

During December 2017 to February 2018 the precipitation in the most of WAE countries expected to be normal condition. It will be below normal in the parts of Afghanistan, Pakistan, Center and Southeast of Iran. Figure 4 is showing the

details of the precipitation forecast in the region.

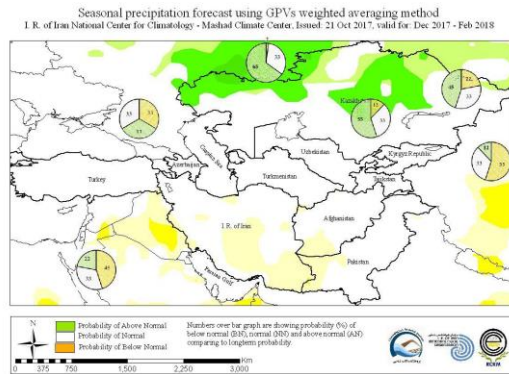


Fig. 4. Precipitation forecast over West Asian countries and ECO region for December 2017 to February 2018.

• **Temperature**

Mean seasonal temperature forecast over ECO region is shown in figures 5 and 6 November 2017 to February 2018.

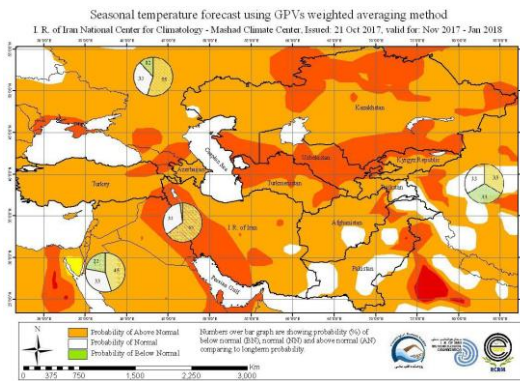


Fig 5. Mean temperature forecast over West Asian countries and ECO region for November 2016 – January 2017.

Most of ECO countries will have above normal temperature. In Southeast of Iran and in parts of Kazakhstan, Uzbekistan, Afghanistan, Pakistan expected to be Normal condition.

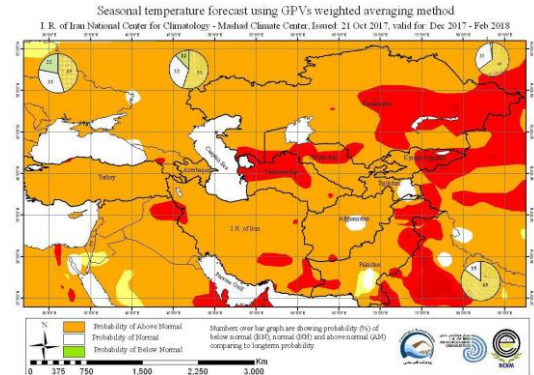


Fig 6. Mean temperature forecast over West Asian countries and ECO region for December 2017 to February 2018.

In the period of December 2017 to February 2018, Temperature in the most of WACE countries expected to be above normal. Temperature in parts of Kazakhstan, Uzbekistan, Afghanistan and Pakistan expected to be Normal.

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

Visit our website at:
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