

Climate outlook

Mashhad, August 2017– Multi-model statistically weighted seasonal forecast for August to November 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 latest ENSO prediction models indicates ENSO-neutral as the most likely condition during summer through fall and into winter with chances for El Niño development at about 35-40%. The most recent weekly anomaly in the Niño3.4 region was 0.5, at the threshold of minimal El Niño (Fig 1 and 2).

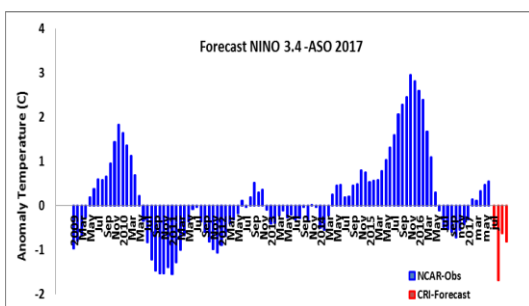


Fig 1. Niño3.4 forecast indicates a neutral condition during August to October 2017.

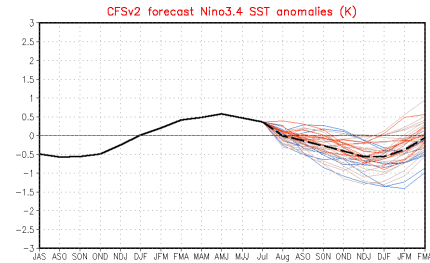


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

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

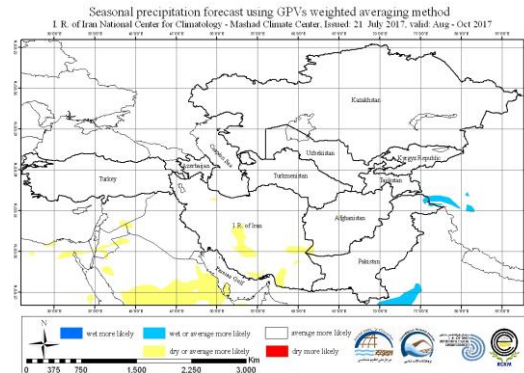


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region Aug–Oct 2017.

In the first lead time precipitation in the most of WACE region will be normal condition. precipitation in parts of Iran expected to be below normal.

During September to November 2017 the precipitation in the most of WAE countries expected to be normal to above normal condition. it will be above normal in the parts of Kazakhstan, Uzbekistan, Turkmenistan and Iran. Figure 4 is showing the details of the precipitation forecast in the region.

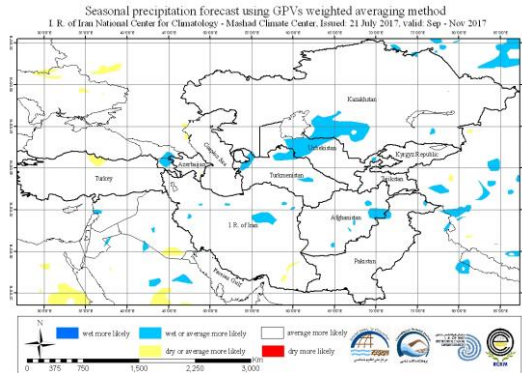


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Sep-Nov 2017.

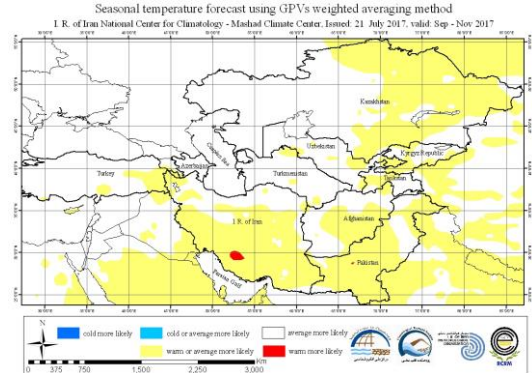


Fig 6. Mean temperature forecast over West Asian countries and ECO region for Sep-Nov 2017.

• **Temperature**

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

In the period of September–November 2017, Temperature in the most of WACE countries expected to be normal to above normal. Temperature in the most of Turkey, Uzbekistan, Turkmenistan ,North of Iran and in parts of Kazakhstan expected to be normal.

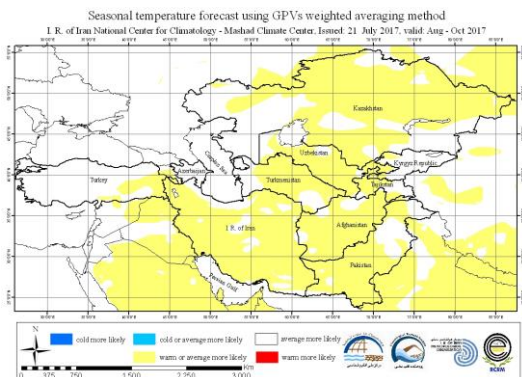


Fig 5. Mean temperature forecast over West Asian countries and ECO region for Aug –Oct 2017.

Most of ECO countries will have normal to above normal temperature.

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

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