

Climate outlook

Mashhad, September 2017– Multi-model statistically weighted seasonal forecast for September to December 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 through Northern Hemisphere fall and into winter with chances for El Niño or La Niña development less than one-half that for neutral. In the most recent week, the SST anomaly in the Niño3.4 region was -0.2 C, in the ENSO-neutral range .(Fig 1 and 2).

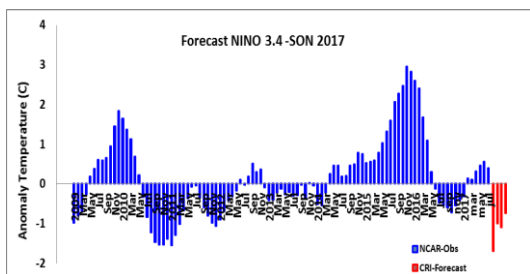


Fig 1. Niño3.4 forecast indicates a neutral condition during September to November 2017.

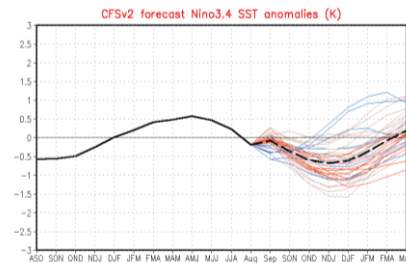


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

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

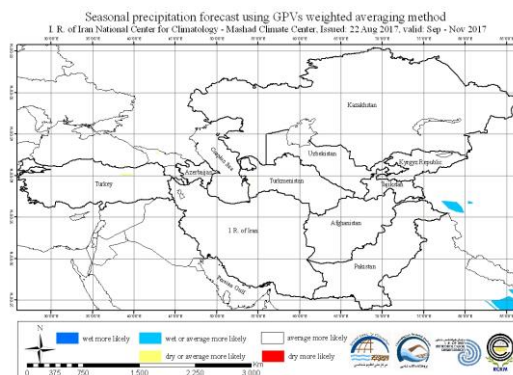


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region Sep–Nov 2017.

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

During October to December 2017 the precipitation in the most of WAE countries expected to be normal to above normal condition. it will be below normal in the parts of Pakistan and Northwest of Iran. Figure 4 is showing the details of the precipitation forecast in the region.

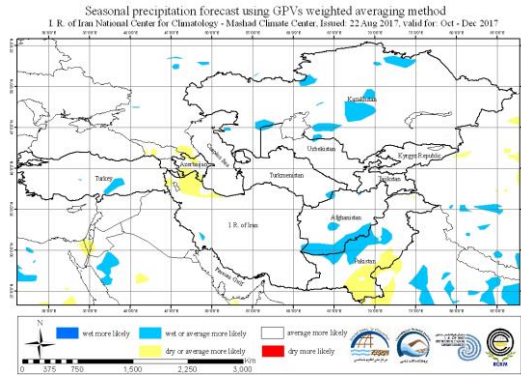


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Oct–Dec 2017.

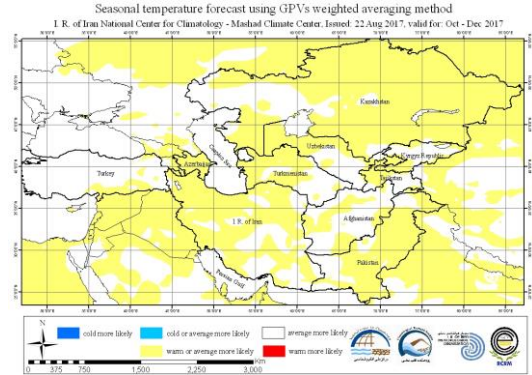


Fig 6. Mean temperature forecast over West Asian countries and ECO region for Oct–Dec 2017.

• **Temperature**

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

In the period of October to December 2017, Temperature in the most of WACE countries expected to be normal to above normal. Temperature in the most of Turkey, in parts of Kazakhstan, Afghanistan, Uzbekistan, Iran, Turkmenistan and Pakistan expected to be normal.

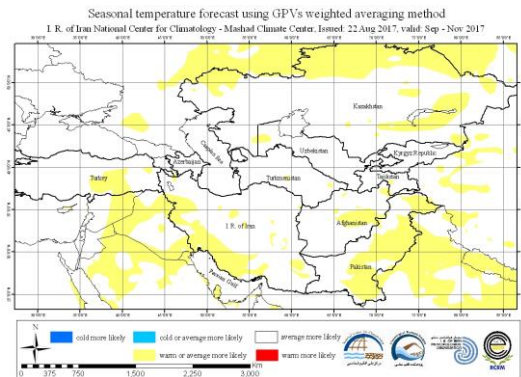


Fig 5. Mean temperature forecast over West Asian countries and ECO region for Sep–Nov 2017.

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

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

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