

**Climate outlook**

*Mashad, January 2017– Multi-model statistically weighted seasonal forecast for January to April 2017 prepared by Mashad 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 ENSO prediction models indicates SSTs near the threshold of La Niña persisting through mid-winter, then weakening to cool-neutral by later winter.

The most recent weekly anomaly in the Nino3.4 region was -0.6, at a weak La Niña level (Fig 1 and 2).

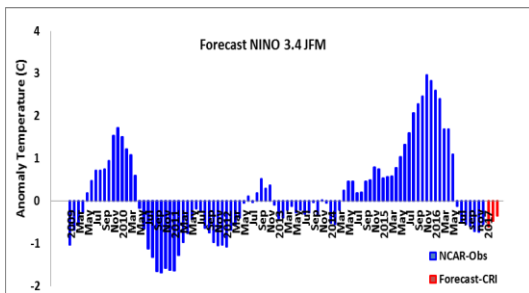


Fig 1. Nino3.4 forecast indicates a weak El-Nino condition during January to March 2017.

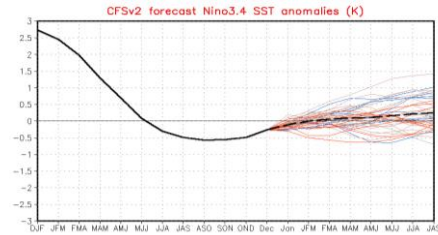


Fig. 2. NCEP-CFS v2 ENSO forecast system.

• **Precipitation**

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

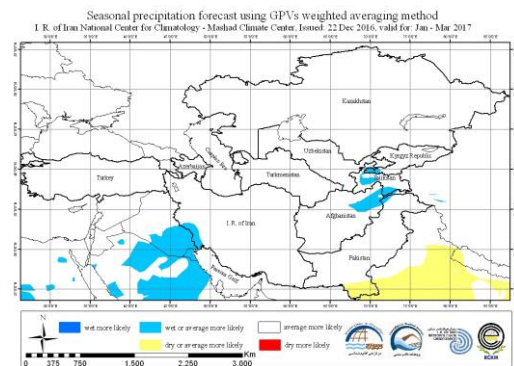


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region for for Jan - Mar 2017.

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

During February to April 2017 the precipitation in the most of WAE countries expected to be normal to above normal condition. But it is normal to bellow normal in the parts of the Iran ,Kazakhstan and Pakistan. Figure 4 is showing the details of the precipitation forecast in the region.

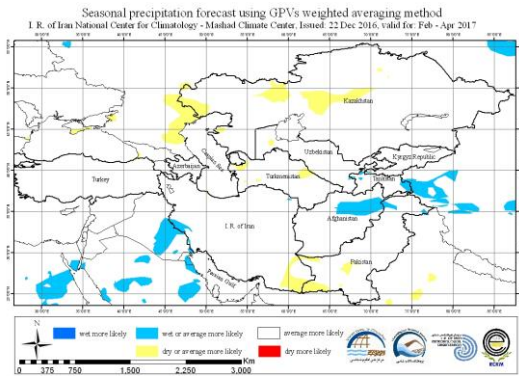


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Feb–Apr 2017.

• **Temperature**

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

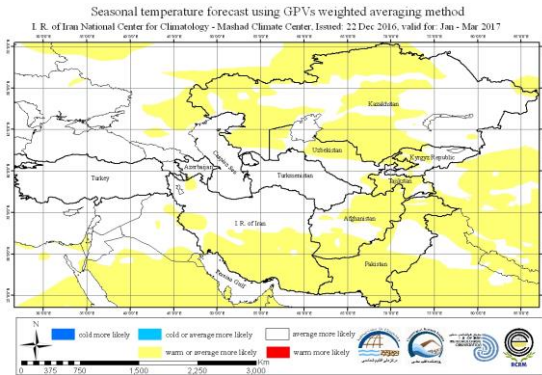


Fig 5. Mean temperature forecast over West Asian countries and ECO region for Jan –Mar 2017.

Temperature over the most of WAE countries expected to be normal to above normal.

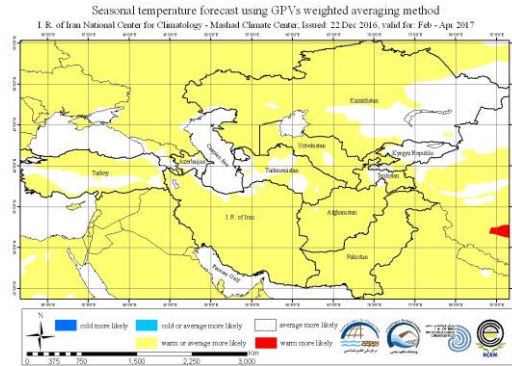


Fig 6. Mean temperature forecast over West Asian countries and ECO region for Feb–Apr 2017.

In the period of February to April 2017, Temperature in the most of WACE region expected to be above normal. Temperature in the parts of the Turkey, Turkmenistan and Kazakhstan expected to be normal

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

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