

Climate outlook

Mashhad, February 2018– Multi-model statistically weighted seasonal forecast February to May 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 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 latest ENSO prediction models indicates weak La Niña continuing through the Northern Hemisphere winter and early spring, followed by a return to neutral conditions during spring. The most recent weekly anomaly in the Niño3.4 region was -0.9, showing weak La Niña (Fig 1 and 2).

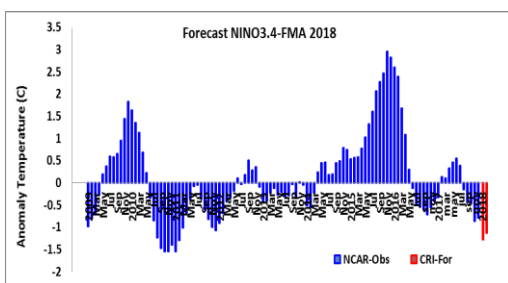


Fig 1. Niño3.4 forecast indicates less than -0.9°C El-Niño condition during February to April 2018.

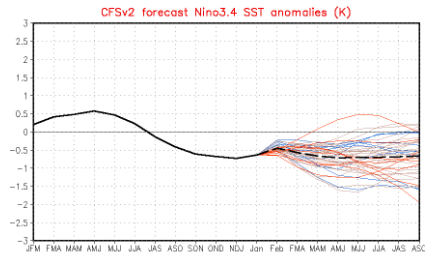


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

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

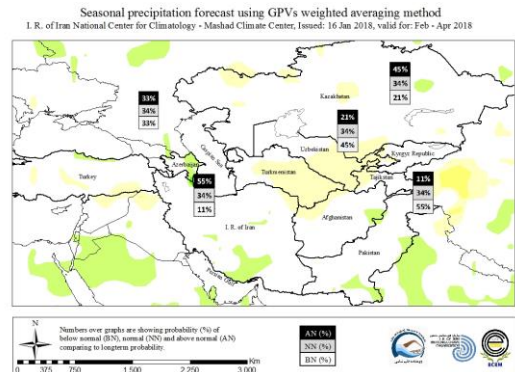


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region for Feb to Apr 2018.

In the first lead time precipitation in the most of WACE region and Iran will be normal to below normal condition. It will be above normal in the South of Iran and Pakistan.

During March to May 2018 the precipitation in the most of WAE countries expected to be Normal condition. But it is below Normal in parts of Kazakhstan, Uzbekistan, Afghanistan and Northwest of Iran. Figure 4 is showing the details of the precipitation forecast in the region.

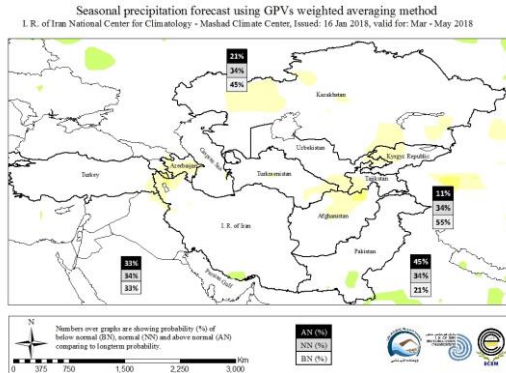


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Mar–May 2018.

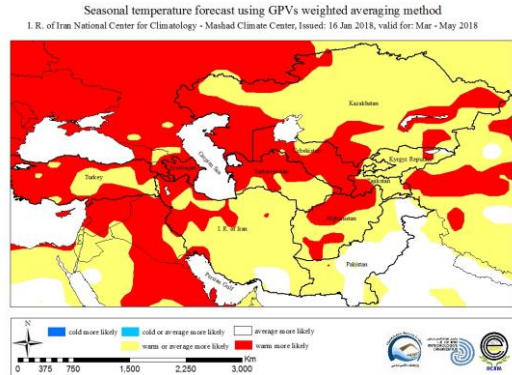


Fig 6. Mean temperature forecast over West Asian countries and ECO region for Mar–May 2018.

• **Temperature**

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

In the period March to May 2018 Temperature in the most of WACE countries expected to be above normal. Temperature in South of Iran and parts of Pakistan expected to be normal.

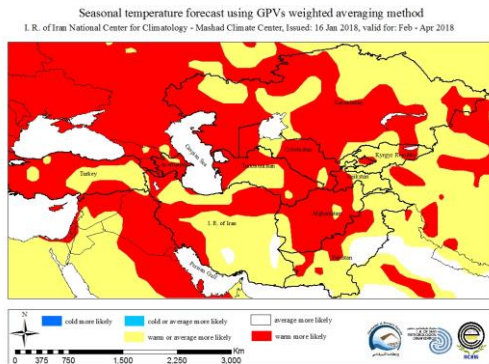


Fig 5. Mean temperature forecast over West Asian countries and ECO region for Feb to Apr 2018.

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

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

Visit our website at:
www.cri.ac.ir OR www.eco-rcrm.ir

For more info contact to:
Mashhadmcc@gmail.com