

Climate outlook

Mashhad, May 2018– Multi-model statistically weighted seasonal forecast May to August 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 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**

Most of the models in the set of dynamical and statistical model predictions issued during mid-April 2018 indicate a current ending of the weak La Niña conditions that continued into early March, with neutral conditions lasting from spring through summer and possibly into fall of 2018. In the most recent week, the SST anomaly in the Niño3.4 region was -0.4 C, in the warm-neutral range, and -0.73 C for the month of March, at a weak El Niño level(Fig 1 and 2).

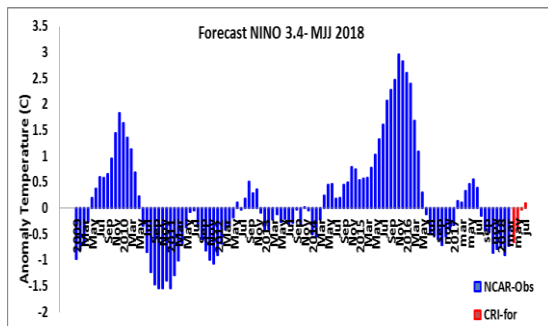


Fig 1. Niño3.4 forecast indicates a weak El-Niño condition during May to July 2018.

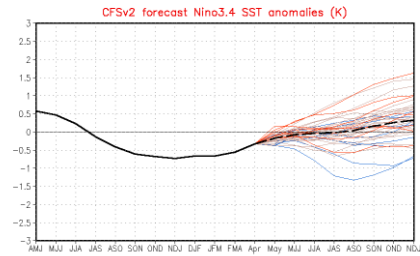


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

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

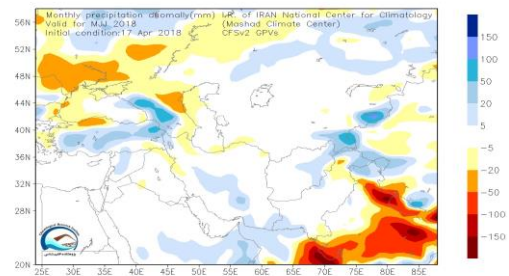


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region for May to July 2018.

In the first lead time precipitation in the most of WACE region and Iran will be normal to above normal condition. It in Center, South, Southeast of Iran, and in parts of Afghanistan, Kazakhstan, and Turkey expected to be above normal. precipitation in the parts of Pakistan and Northwest of Iran will be below normal.

During June to August 2018 the precipitation in the most of WAE countries expected to be normal condition. But it is below normal in the parts of Pakistan. Figure 4 is showing the details of the precipitation forecast in the region.

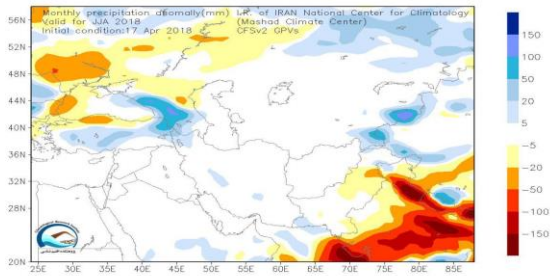


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Jun to Aug 2018.

• **Temperature**

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

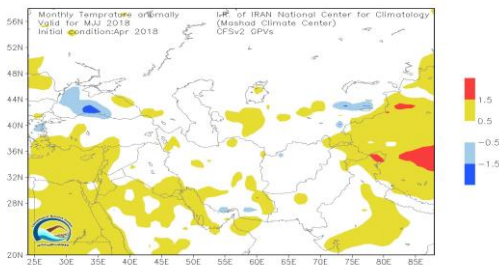


Fig 5. Mean temperature forecast over West Asian countries and ECO region for May to July 2018.

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

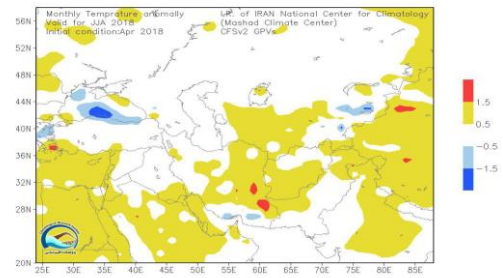


Fig 6. Mean temperature forecast over West Asian countries and ECO region for Jun to Aug 2018.

In the period June to August 2018 Temperature in the most of WACE countries expected to be normal to above normal.

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

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