

Climate outlook

Mashhad, June 2018– Multi-model statistically weighted seasonal forecast June to September 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-May 2018 indicate neutral ENSO conditions lasting from through summer and likely into fall of 2018. In the most recent week, the SST anomaly in the Nino3.4 region was -0.1 C, in the neutral rang (Fig 1 and 2).

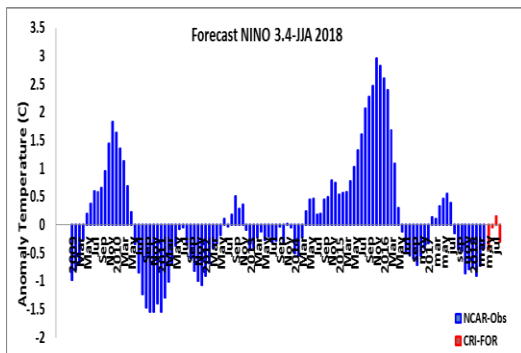


Fig 1. Nino3.4 forecast indicates a neutral condition during June to Aug 2018.

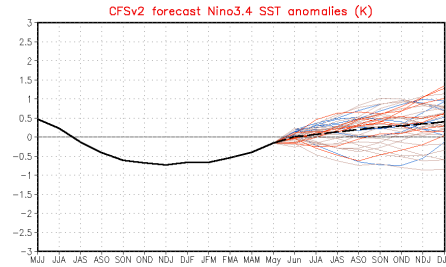


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

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

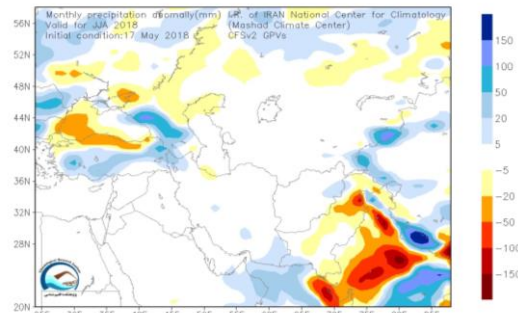


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region for Jun – Aug 2018.

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

During July to September 2018 the precipitation in the most of WAE countries expected to be normal condition. But it is below normal in the North of Iran and in the parts of Pakistan and Kazakhstan . Figure 4 is showing the details of the precipitation forecast in the region.

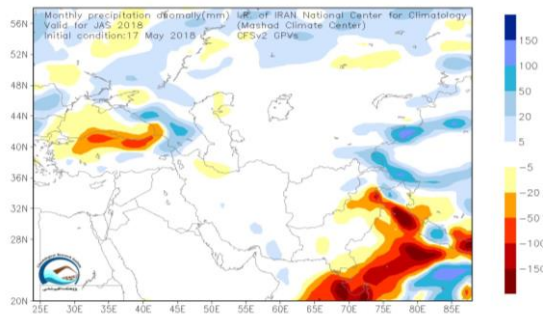


Fig. 4. Precipitation forecast over West Asian countries and ECO region for July – Sep 2018.

• **Temperature**

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

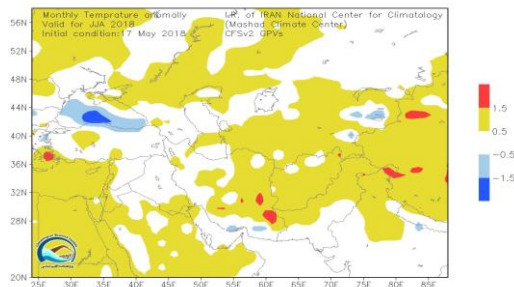


Fig 5. Mean temperature forecast over West Asian countries and ECO region for Jun – Aug 2018.

Most of ECO countries will have normal to above normal temperature. It in Turkey, North, Northwest South ,West of Iran, parts of Pakistan and Kazakhstan expected to be normal.

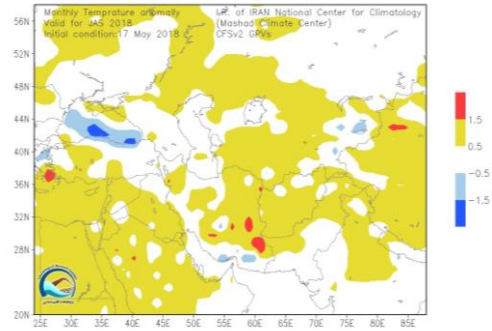


Fig 6. Mean temperature forecast over West Asian countries and ECO region for July – Sep 2018.

In the period July to September 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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