

Climate outlook

Mashhad, August 2018– Multi-model statistically weighted seasonal forecast August to November 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-July 2018 indicate neutral ENSO conditions lasting through most of summer, shifting to weak El Niño starting with the Aug-Oct season and nearing moderate strength during winter 2018-19. The most recent weekly anomaly in the Niño3.4 region was 0.2 C showing neutral conditions. (Fig 1 and 2).

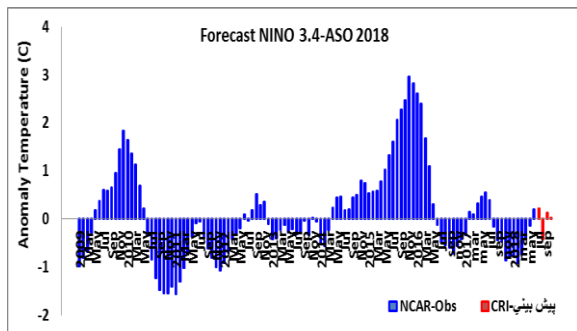


Fig 1. Niño3.4 forecast indicates a neutral condition during August to October 2018.

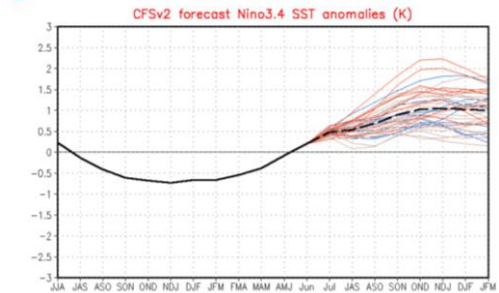


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

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

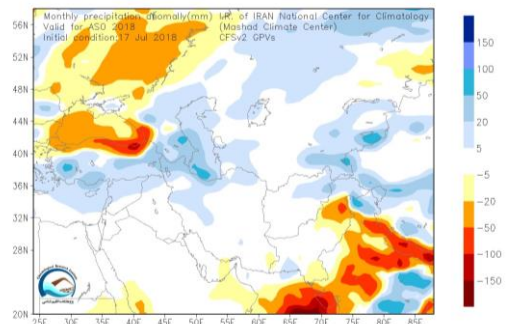


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region for Aug –Oct 2018.

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

During September to November 2018 the precipitation in the most of WAE countries expected to be normal to above normal condition. But it is below normal in the parts of Pakistan and Southeast, Southwest of Iran. Figure 4 is showing the details of the precipitation forecast in the region.

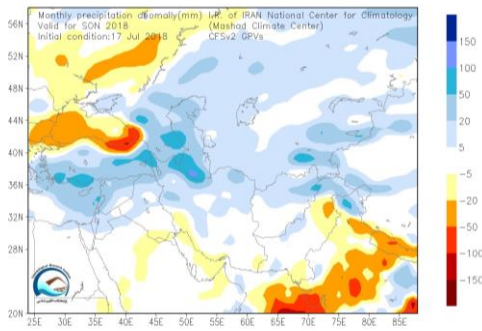


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Sep-Nov 2018.

• **Temperature**

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

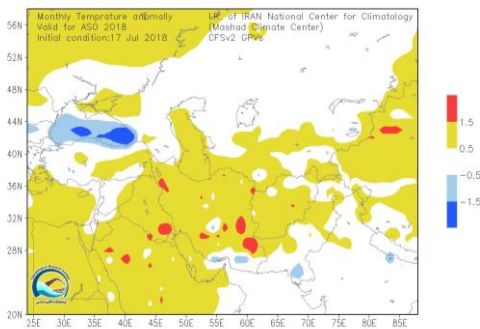


Fig 5. Mean temperature forecast over West Asian countries and ECO region for Aug –Oct 2018.

Most of ECO countries and Iran will have above normal temperature. It in South, Southeast of Iran and in the most of Pakistan, Turkey and Kazakhstan expected to be normal.

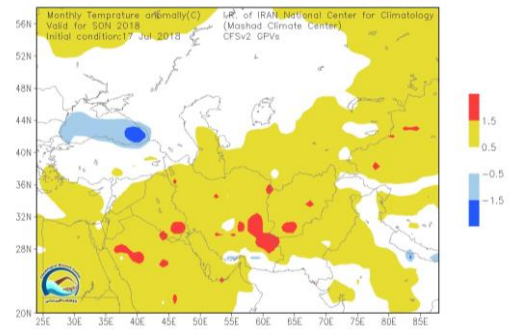


Fig 6. Mean temperature forecast over West Asian countries and ECO region for Sep-Nov 2018.

In the period September to November 2018 Temperature in the most of WACE countries will be above normal. Temperature in Turkey and the parts of Uzbekistan, Kazakhstan and South, Southeast of Iran will be normal.

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

Visit our website at:
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