

Climate outlook

Mashhad, October 2018– CFSv.2 statistically post processed seasonal forecast data for October 2018 to January 2019 show that the most of West Asian and ECO region countries may experience normal to above normal precipitation.

In the same period, most of ECO region is expected to be 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-September 2018 indicate weak El Niño conditions from the Sep-Nov season and during winter 2018-19. The most recent weekly anomaly in the Nino3.4 region was 0.3 C, showing neutral conditions . (Fig 1 and 2).

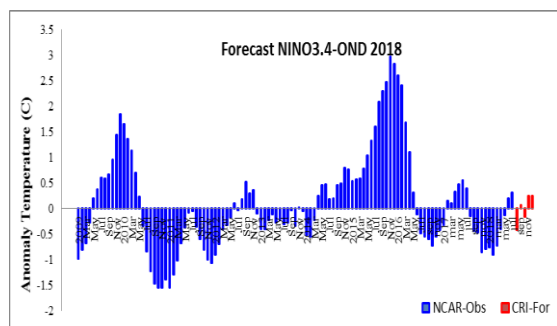


Fig 1. Niño3.4 forecast indicates a neutral condition during October to December 2018.

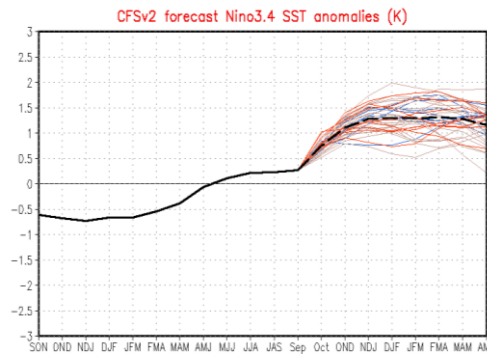


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

Seasonal precipitation forecasts over West Asian Countries and ECO (WACE) region are shown in figures 3 to 4 for the periods of October 2018 to January 2019.

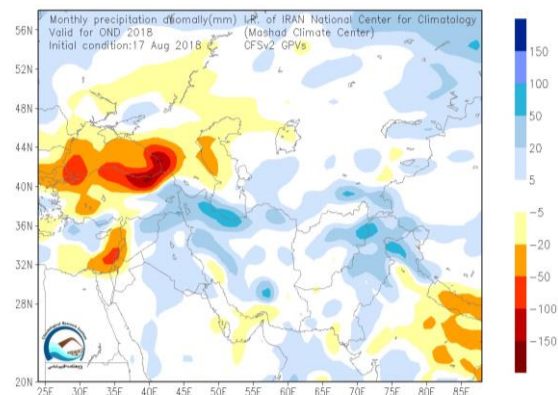


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region for Oct–Dec 2018.

Precipitation in the most of WACE region and Iran will be normal to above normal condition during October - December 2018. But in the parts of Turkey, Southwest, South of Iran expected to experience below normal precipitation.

During November 2018 to January 2019 the precipitation in the most of WAE countries expected to be normal to

above normal. But it is below normal in the parts of Pakistan, Turkey, Afghanistan, west, Southwest, South, Southeast of Iran. Figure 4 is showing the details of the precipitation forecast in the region.

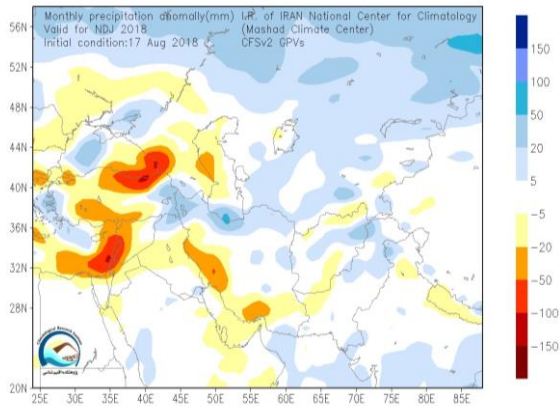


Fig. 4. Precipitation forecast over West Asian countries and ECO region for Nov 2018–Jan 2019.

• **Temperature**

Mean seasonal temperature forecast over ECO region is shown in figures 5 and 6 for the period of October 2018 to January 2019.

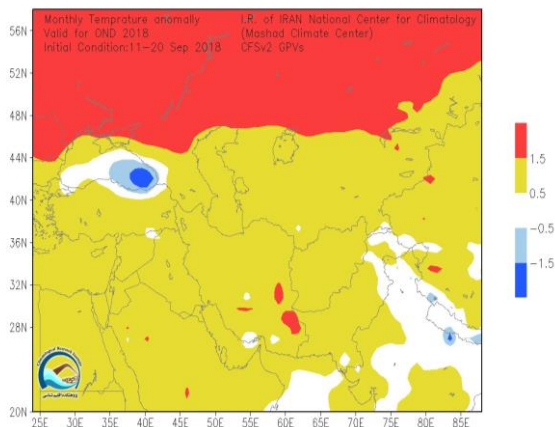


Fig 5. Mean temperature forecast over West Asian countries and ECO region for Oct–Dec 2018.

Most of ECO countries and Iran will have above normal temperature during October - December 2018 in the South of Iran and in the parts of Pakistan and Turkey will be normal.

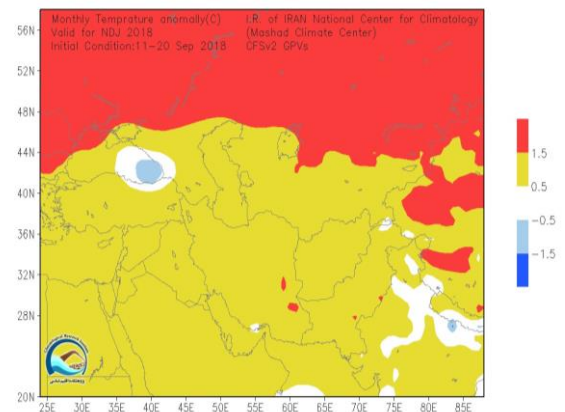


Fig 6. Mean temperature forecast over West Asian countries and ECO region for Nov 2018–Jan 2019

In the period of November 2018 to January 2019, temperature in the most of WACE countries expected to be above normal while temperature in parts of South of Iran and Turkey will be normal.

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

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