

Climate outlook

Mashhad, November 2018– CFSv.2 statistically post processed seasonal forecast data for November 2018 to February 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 weak condition is predicted for ENSO.

• **Niño forecast**

Most of the models in the set of dynamical and statistical model predictions issued during mid-October 2018 indicate weak or moderate El Niño conditions for the Oct-Dec season, continuing through winter 2018-19. In the most recent week, the SST anomaly in the Niño3.4 region was 0.6 C, in the weak El Niño range, and 0.34 C for the month of September, at an ENSO-neutral level. (Fig 1 and 2).

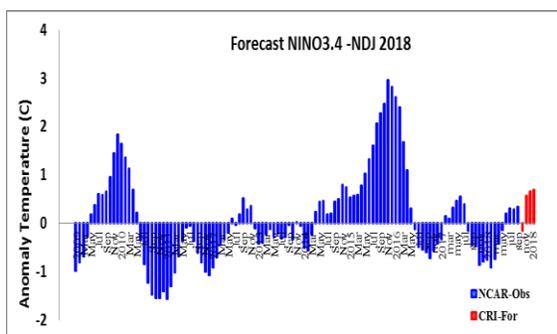


Fig 1. Niño3.4 forecast indicates a neutral condition during November 2018 to January 2019.

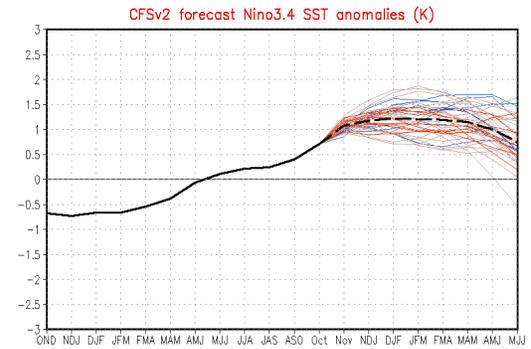


Fig. 2. NCEP-CFS v2 ENSO forecast system

• **Precipitation**

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

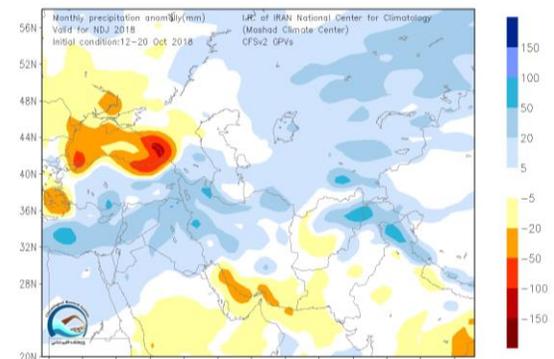


Fig 3. Precipitation forecast over West Asian countries and ECO (WACE) region for November 2018 – January 2019.

Precipitation in the most of WACE region and Iran will be normal to above normal condition during November 2018 to January 2019. But in the parts of Afghanistan, Pakistan, Turkey, Southeast, Southwest, South of Iran expected to experience below normal precipitation.

During December 2018 to February 2019 the precipitation in the most of WAE countries expected to be normal to above normal. But will be below normal

in the parts of Pakistan, Afghanistan, Turkey, North, South, Southeast of Iran. Figure 4 is showing the details of the precipitation forecast in the region.

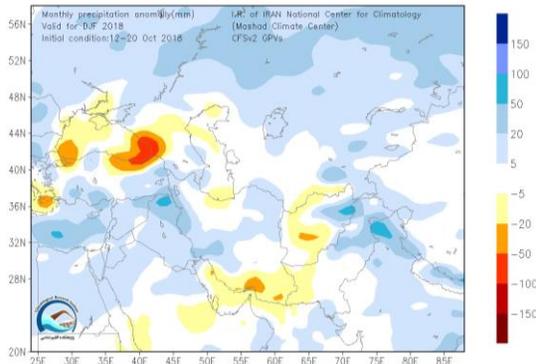


Fig. 4. Precipitation forecast over West Asian countries and ECO region for December 2018 to February 2019.

• **Temperature**

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

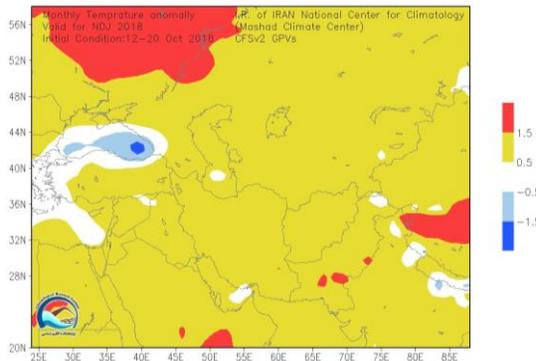


Fig 5. Mean temperature forecast over West Asian countries and ECO region for November 2018 – January 2019.

Most of ECO countries and Iran will have above normal temperature during November 2018 – January 2019. In the South of Iran and in the parts of Pakistan and Turkey will be normal.

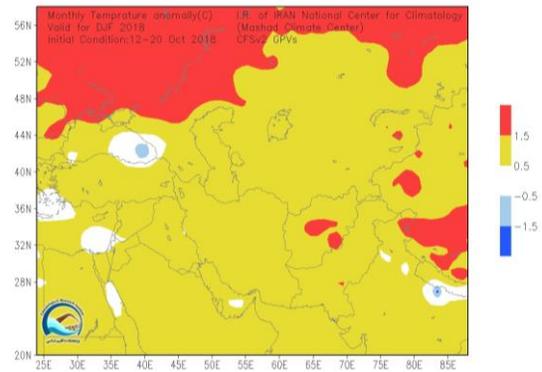


Fig 6. Mean temperature forecast over West Asian countries and ECO region for December 2018 to February 2019.

In the period of December 2018 to February 2019, temperature in the most of WACE countries expected to be above normal while temperature in parts of North of 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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