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National Center of Meteorology

SEASONAL CLIMATE OUTLOOK

November 2026 to January 2027



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SEASONAL CLIMATE OUTLOOK

November 2026 to January 2027

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World Meteorological Organization
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Seasonal Climate outlook-November 2026

Introduction

The World Meteorological Organization Lead Center for Long-Range Forecast (WMOLC LRF) provides monthly and seasonal climate forecasts worldwide.

These leading climate centers around the world use the fully coupled ocean-atmosphere general circulation models for generating seasonal climate forecasts. The climate forecasts are generally in the form of anomalies from long-term climatology as simulated in the models.

The NCM is preparing the monthly/seasonal climate outlook for the Arabian Peninsula and UAE based on WMOLC LRF.

Monthly Climate Outlook
November 2026

Regional (Arabian Peninsula): Temperature

- During November, the probability of above normal temperatures is predicted over most of the Peninsular regions (with >50% chance) (Fig.1a).
- The deterministic forecast shows the temperature anomalies will likely be above normal temperatures over most of the peninsula (around 0.5°C to 2.0°C) (Fig.1b).

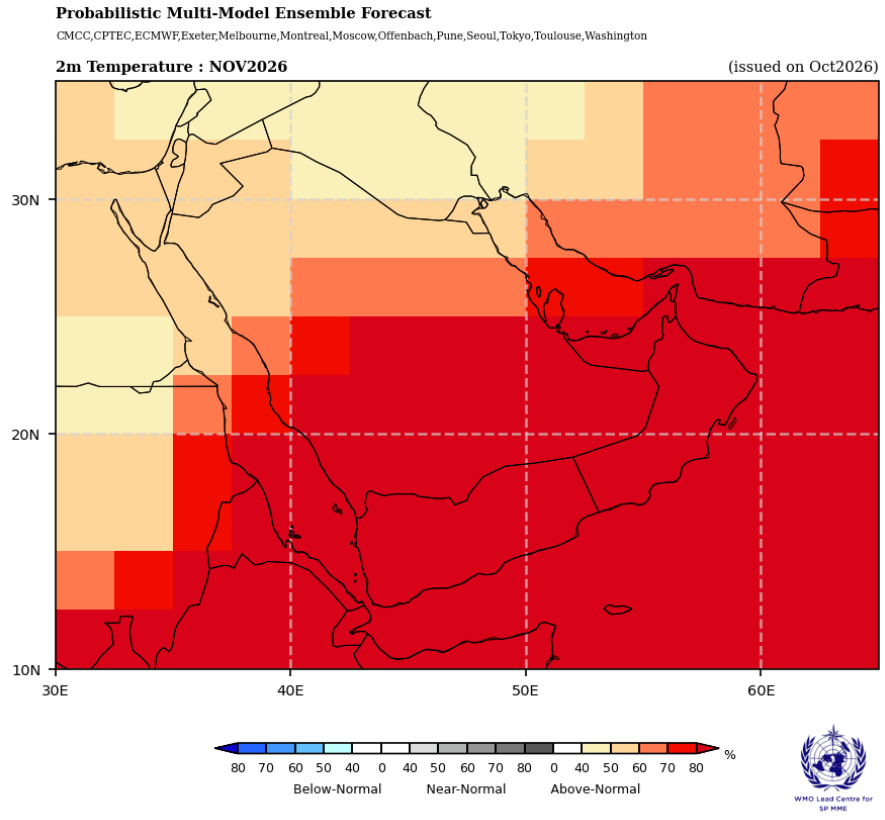

Fig 1a. Arabian Peninsula probabilistic MME forecast from WMO LC LRF: 2m Temperature

Monthly Climate Outlook
November 2026

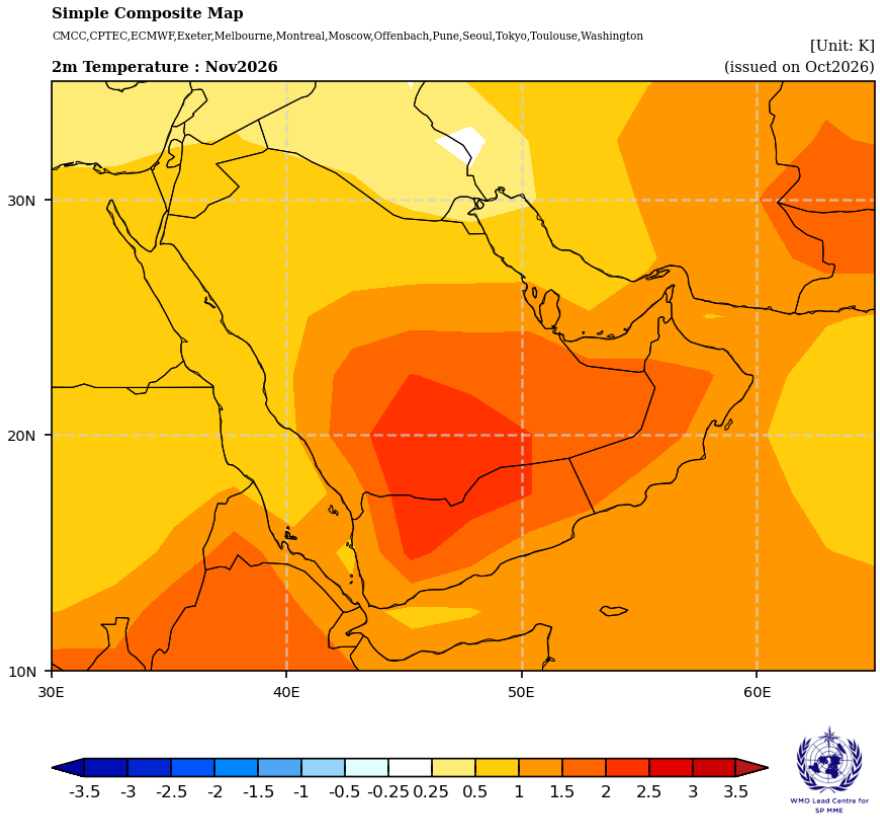

Fig 1b. Arabian Peninsula deterministic MME forecast from WMO LC LRF: 2m Temperature

Monthly Climate Outlook
November 2026

Regional (Arabian Peninsula): Precipitation

- Near to above normal rainfall conditions are predicted in most of the peninsular regions with >40% chance (Fig. 2a).
- Deterministic forecast shows the normal rainfall conditions in most of peninsular regions except northern parts (above normal conditions) (Fig.2b).

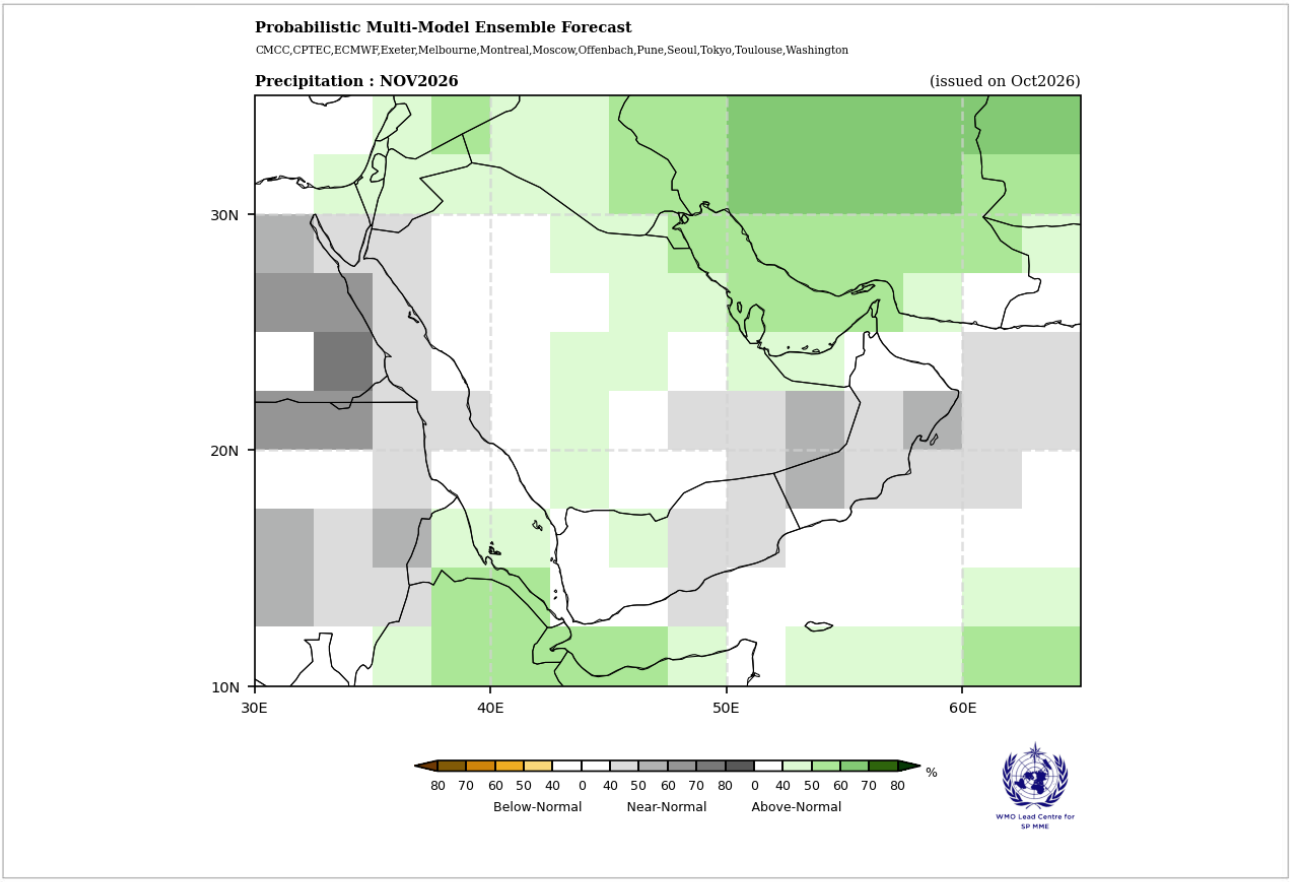

Fig 2a. Arabian Peninsula probabilistic MME forecast from WMO LC LRF: Precipitation

Monthly Climate Outlook
November 2026

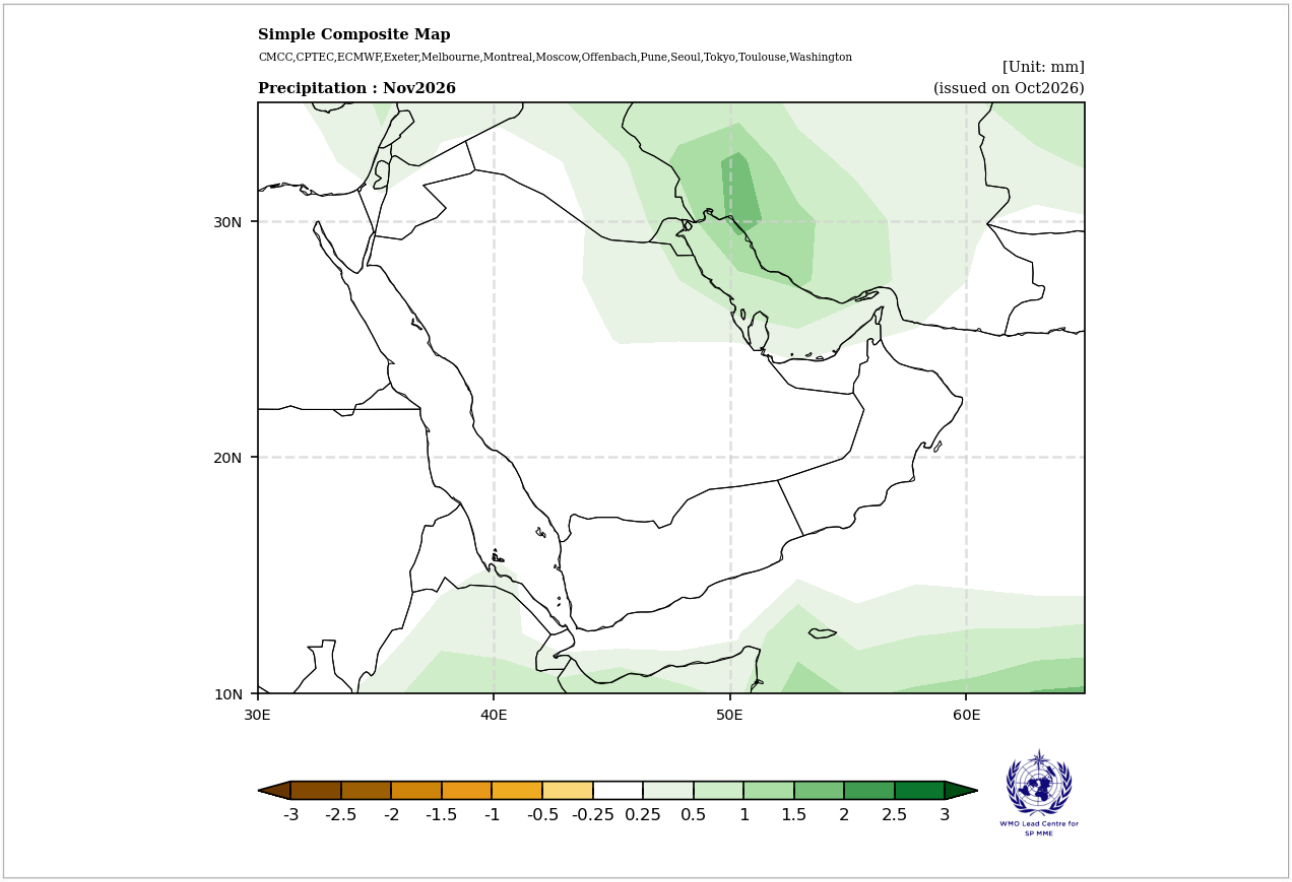

Fig 2b. Arabian Peninsula deterministic MME forecast from WMO LC LRF: Precipitation

Monthly Climate Outlook
November 2026

National (UAE): Temperature

- In November, above normal temperatures are predicted over most of the UAE (with >80% chance) (Fig.3a).
- The deterministic forecast shows above normal temperature conditions with nearly 1.0°C ~ 1.5°C expected this November (Fig.3b).

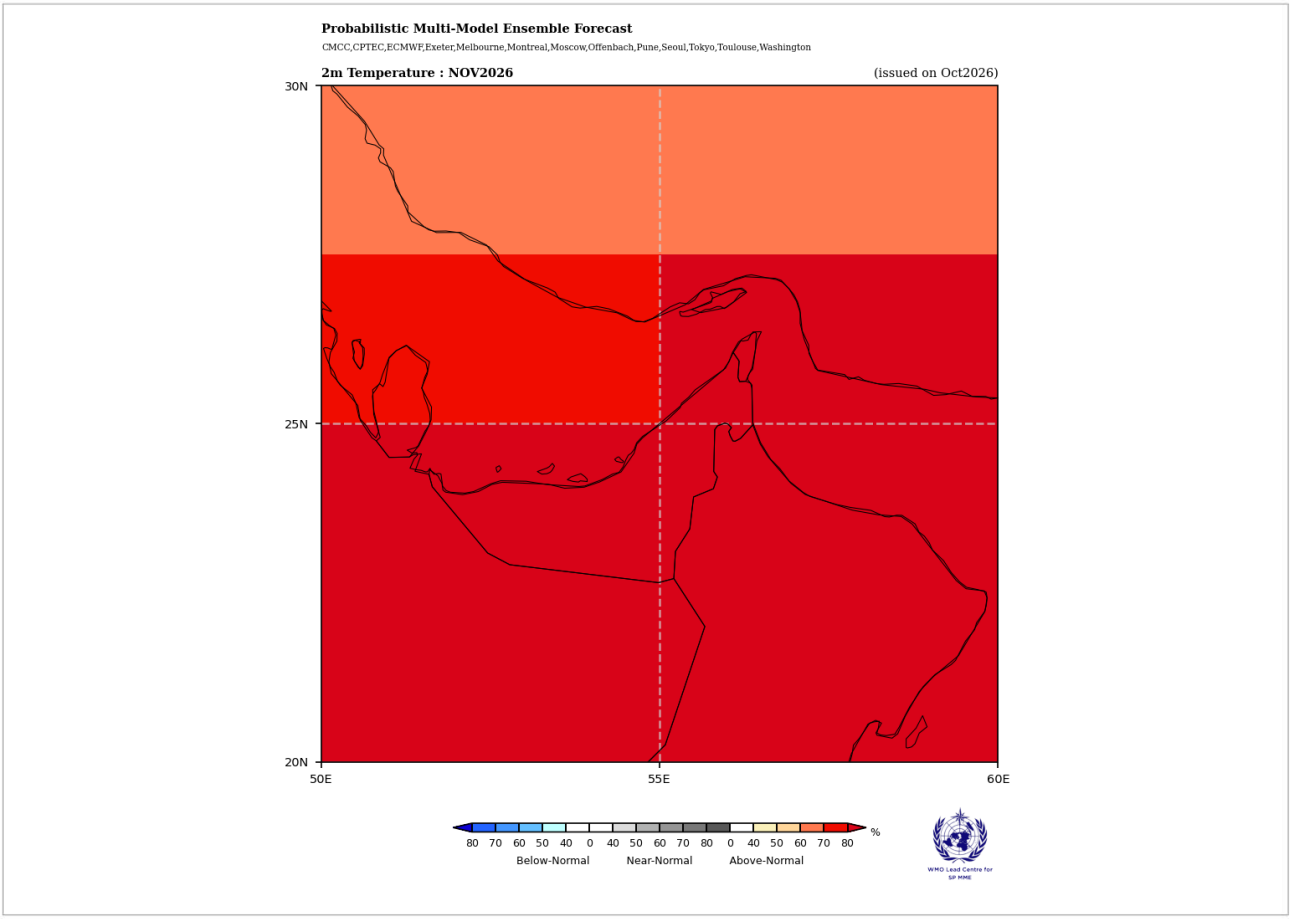

Fig 3a. UAE probabilistic MME forecast from WMO LC LRF: 2m Temperature

Monthly Climate Outlook
November 2026

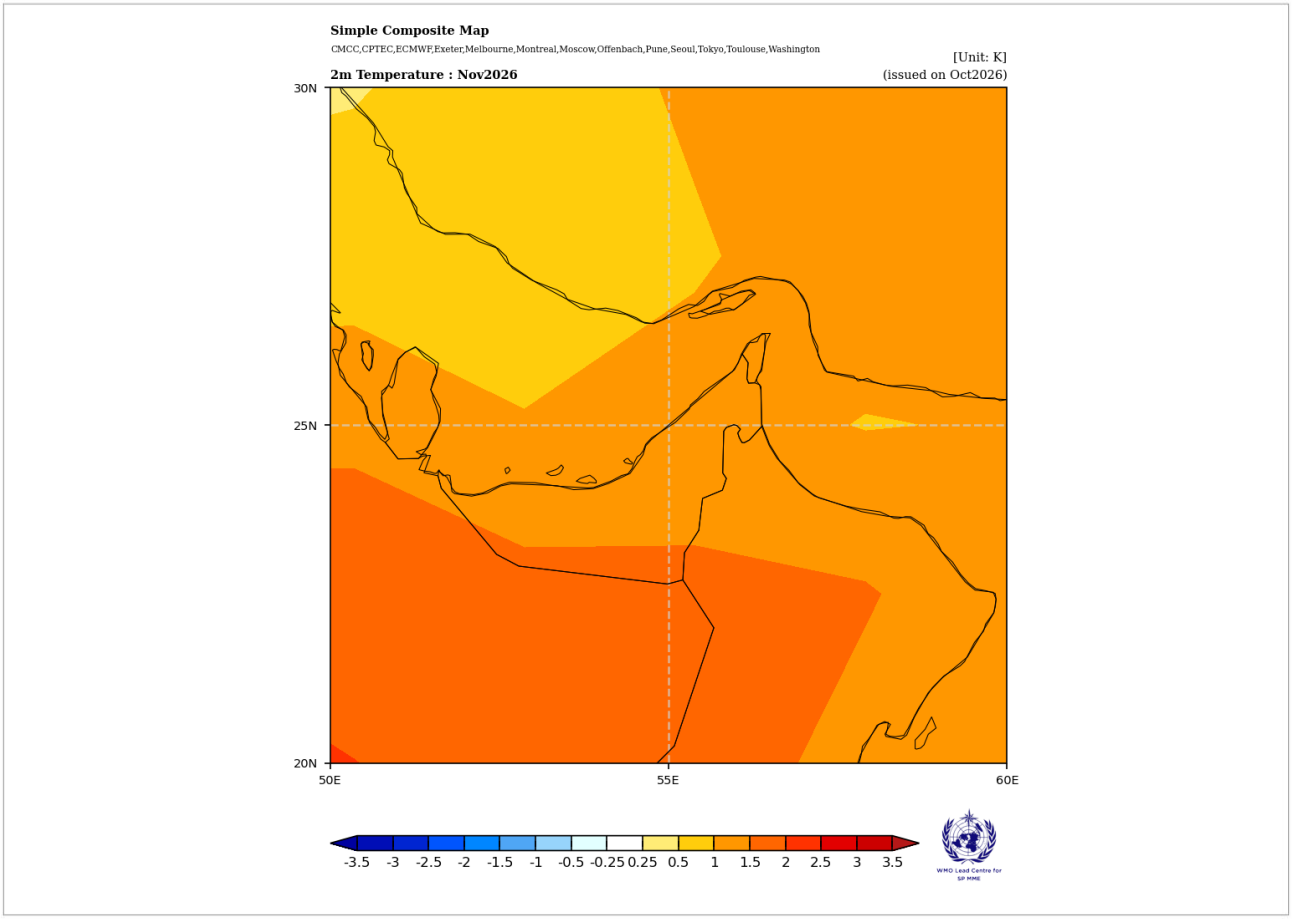

Fig 3b. UAE deterministic MME forecast from WMO LC LRF: 2m Temperature

Monthly Climate Outlook
November 2026

National (UAE): Precipitation

- A probability of near to above rainfall conditions is predicted over most of the UAE (likely with a chance of ~ 40 %) .
- The deterministic forecast shows normal rainfall conditions in November over the UAE except northern parts (Fig.4b).

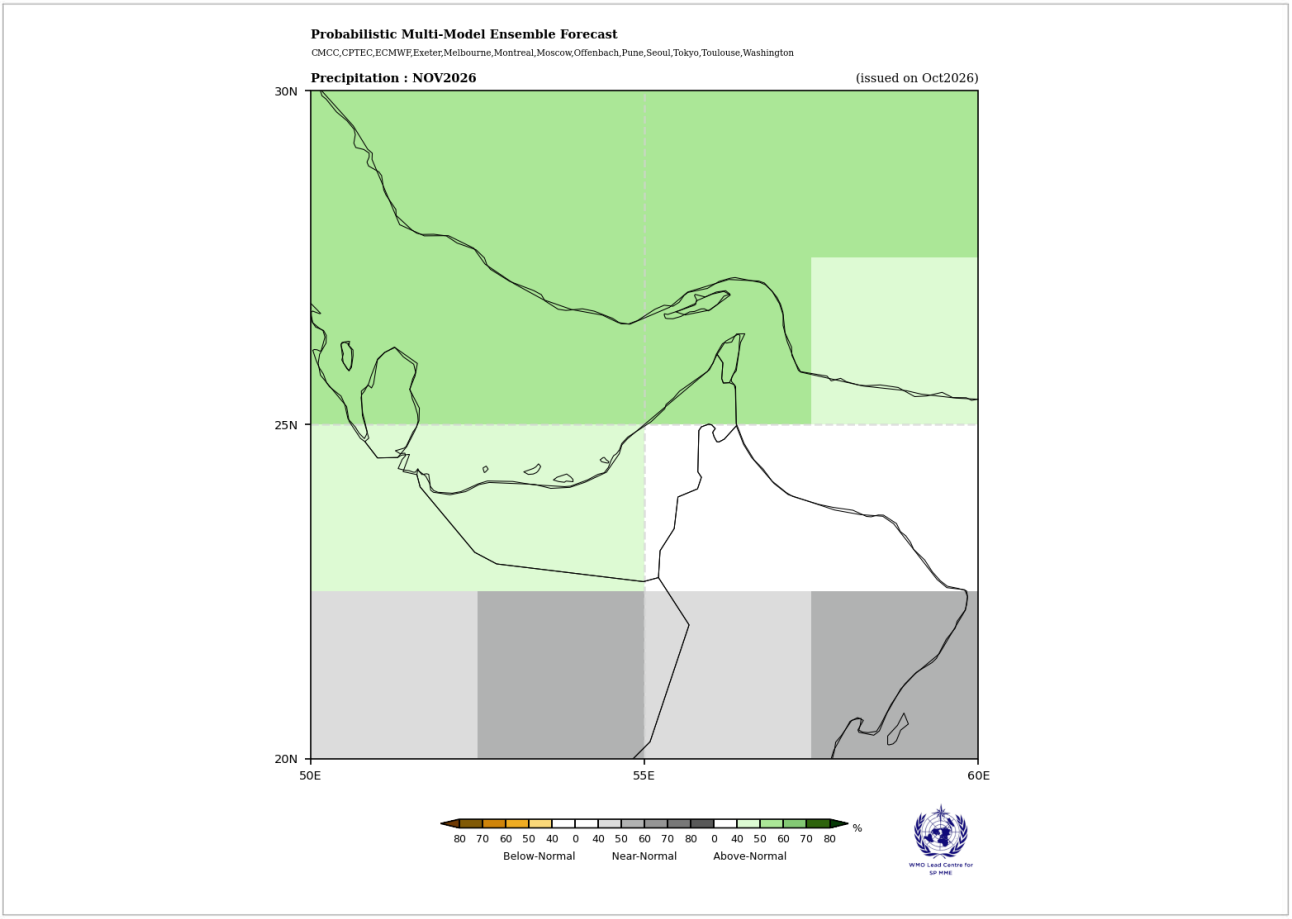

Fig 4a. UAE probabilistic MME forecast from WMO LC LRF: Precipitation

Monthly Climate Outlook
November 2026

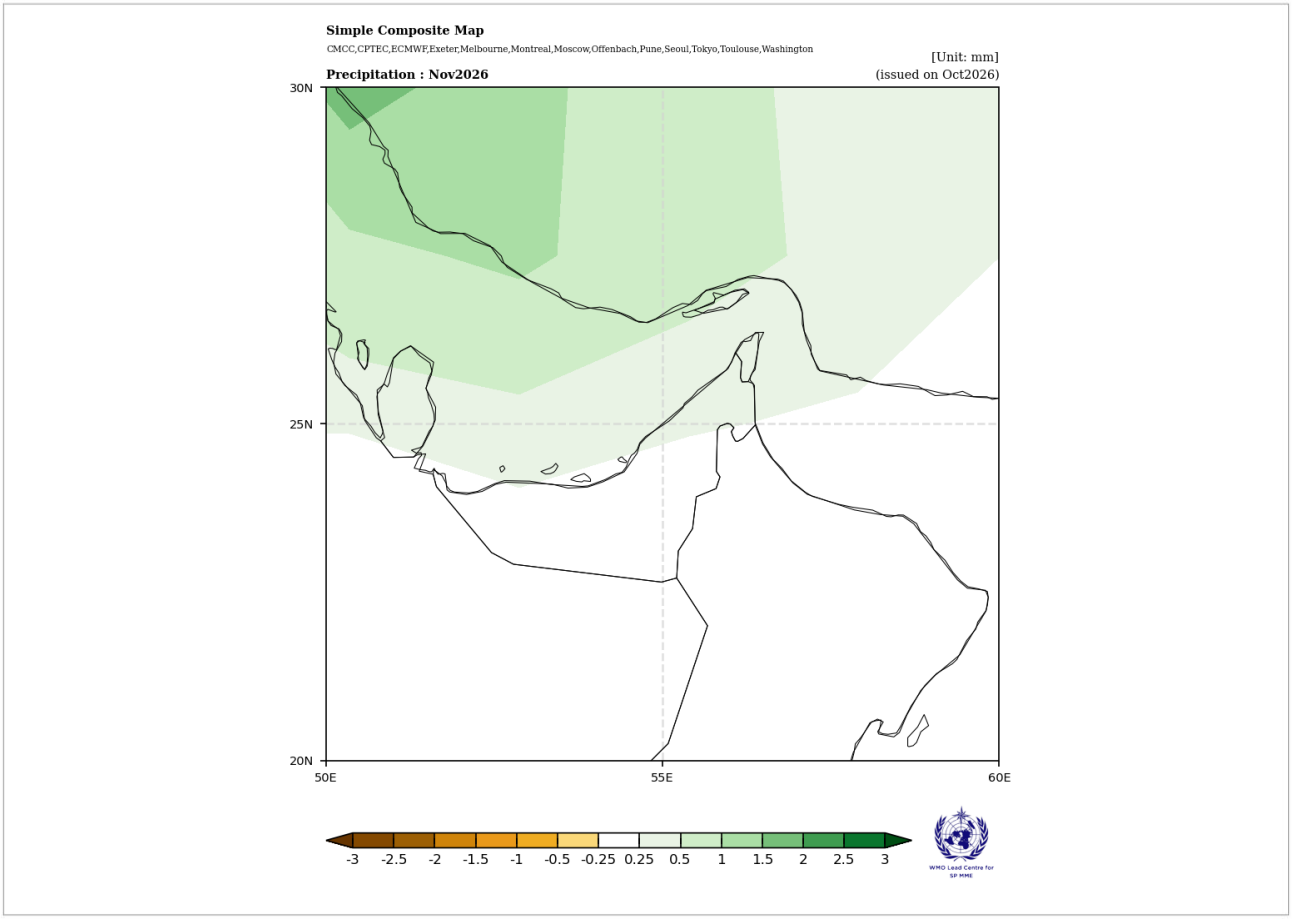

Fig 4b. UAE deterministic MME forecast from WMO LC LRF: Precipitation

Seasonal Climate Outlook
November 2026 ~ January 2027

Regional (Arabian Peninsula): Temperature

- During this season, a probability of above normal temperatures is predicted over most of the peninsular regions (>60% chance) (Fig.5a).
- Increased chances of temperatures (around 0.5°C ~ 2.0°C above normal) are predicted over most peninsular regions (Fig.5b).

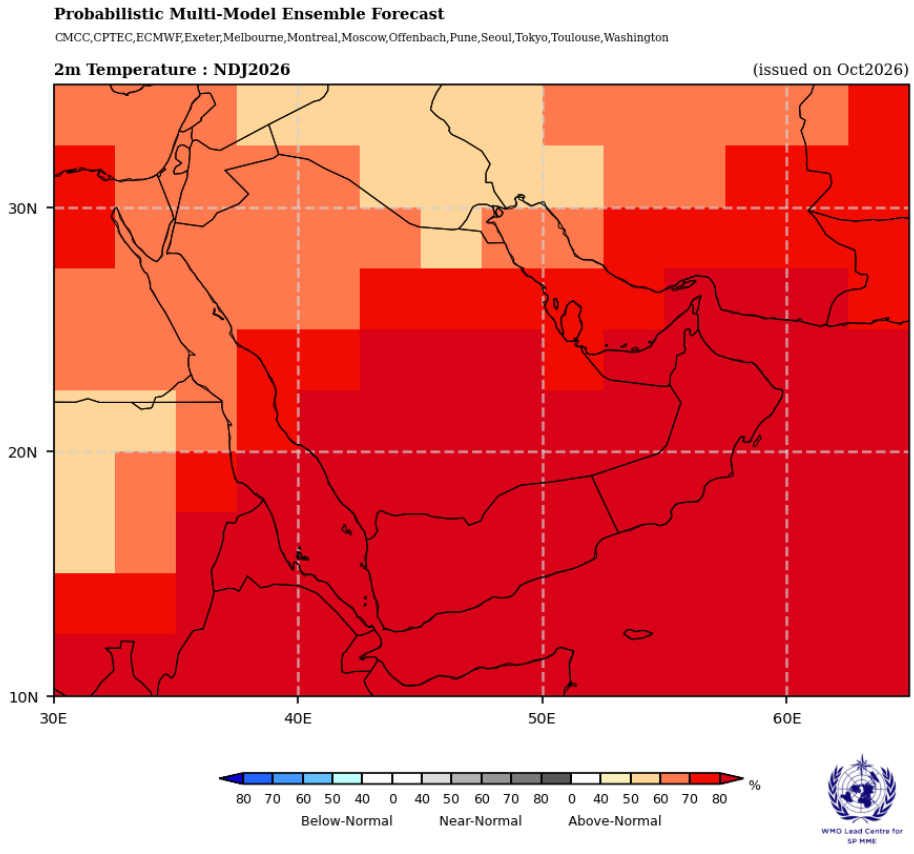

Fig 5a. Arabian Peninsula probabilistic MME forecast from WMO LC LRF: 2m Temperature

Seasonal Climate Outlook
November 2026 ~ January 2027

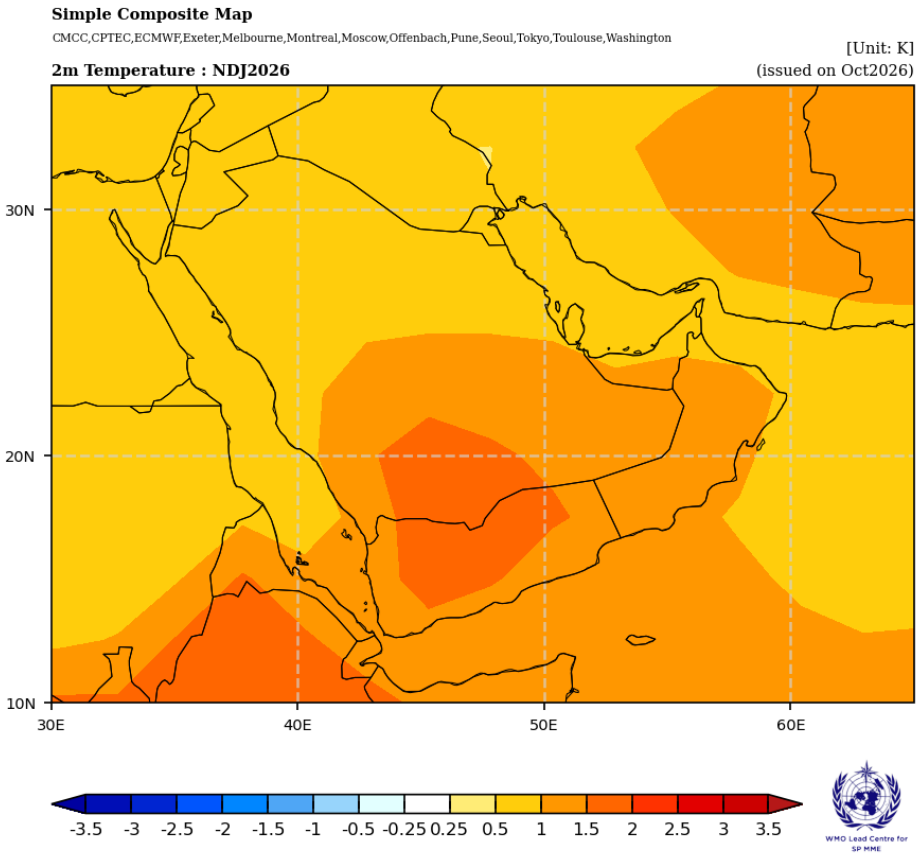

Fig 5b. Arabian Peninsula deterministic MME forecast from WMO LC LRF: 2m Temperature

Seasonal Climate Outlook
November 2026 ~ January 2027

Regional (Arabian Peninsula): Precipitation

- Probabilistic forecast shows near to above normal rainfall conditions over most of the peninsular regions (>40%) (Fig.6a).
- The deterministic forecast shows near normal rainfall conditions over most of the peninsular regions (Fig. 6b).

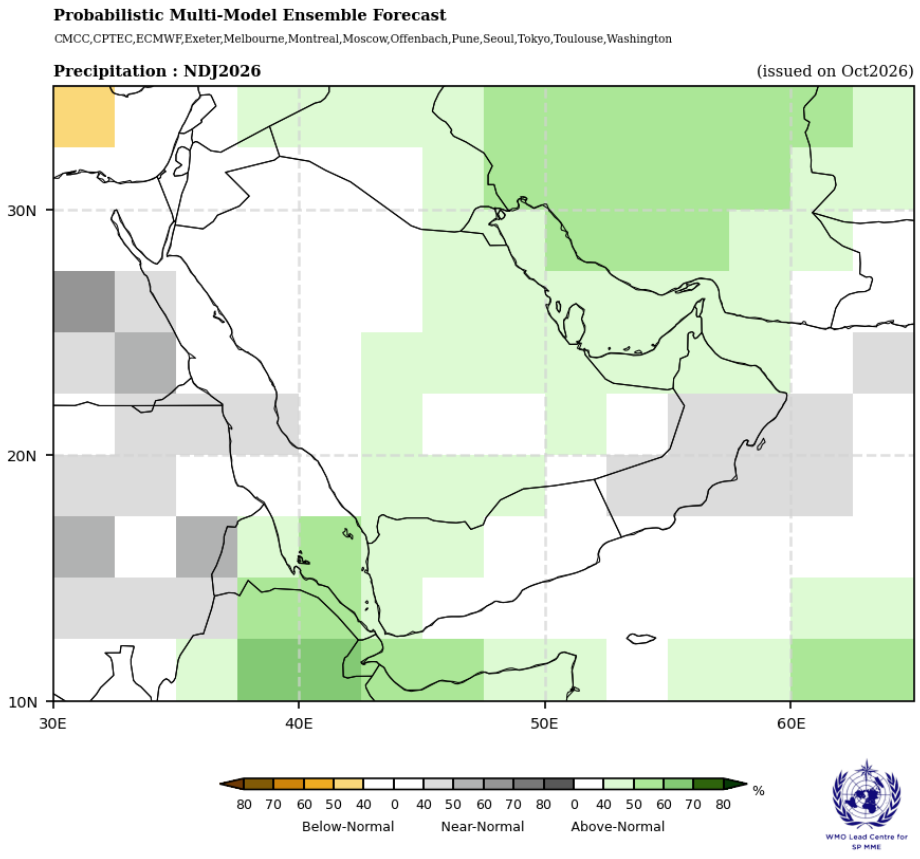

Fig 6a. Arabian Peninsula probabilistic MME forecast from WMO LC LRF: Precipitation

Seasonal Climate Outlook
November 2026 ~ January 2027

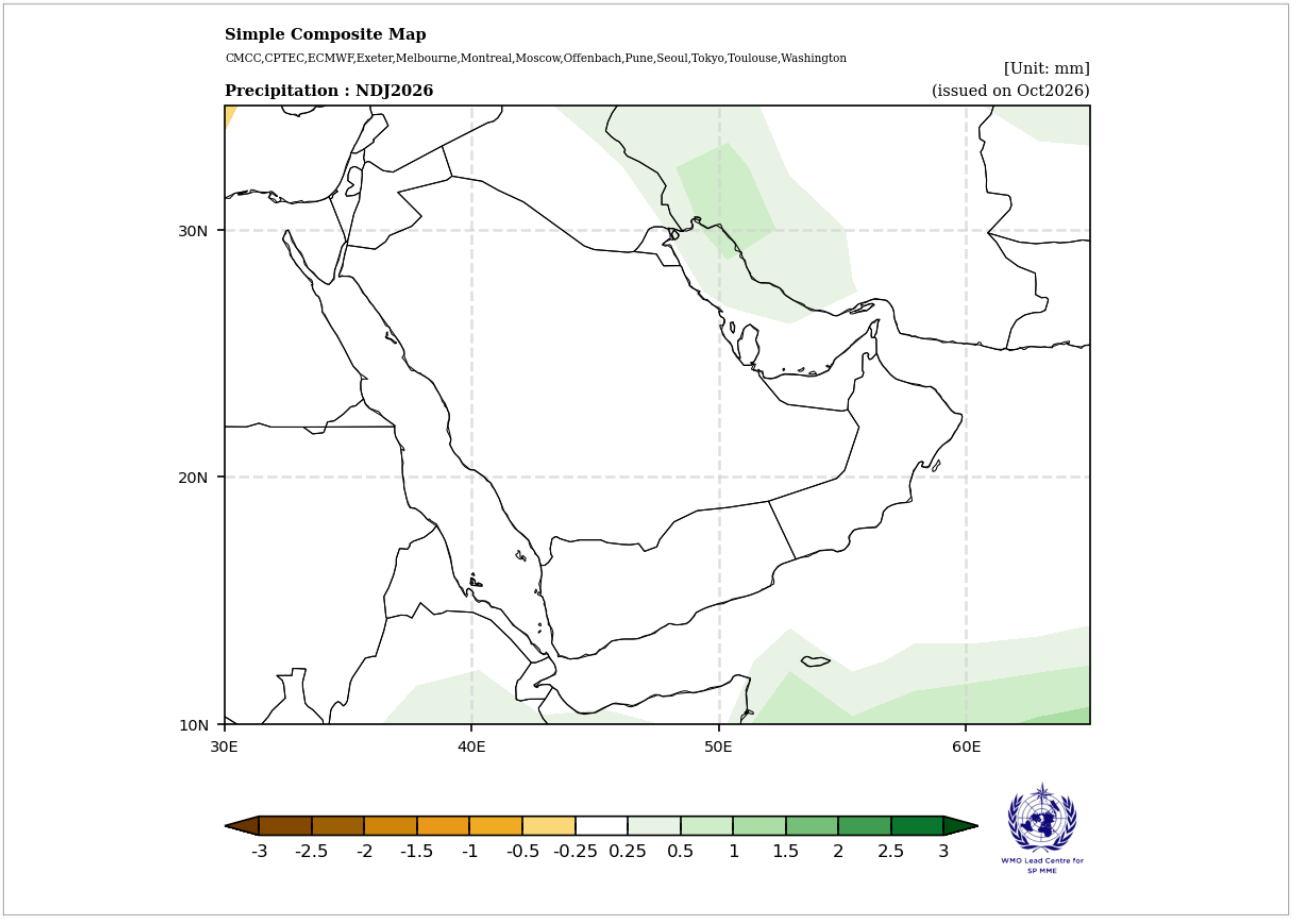

Fig 6b. Arabian Peninsula deterministic MME forecast from WMO LC LRF: Precipitation

Seasonal Climate Outlook
November 2026 ~ January 2027

National (UAE): Temperature

- During the season, the temperatures are predicted likely to be above normal with a chance of >80% over the UAE (Fig. 7a).
- There is an increased chance of seasonal temperatures (around 0.5°C to 1.5°C) over the UAE (Fig. 7b).

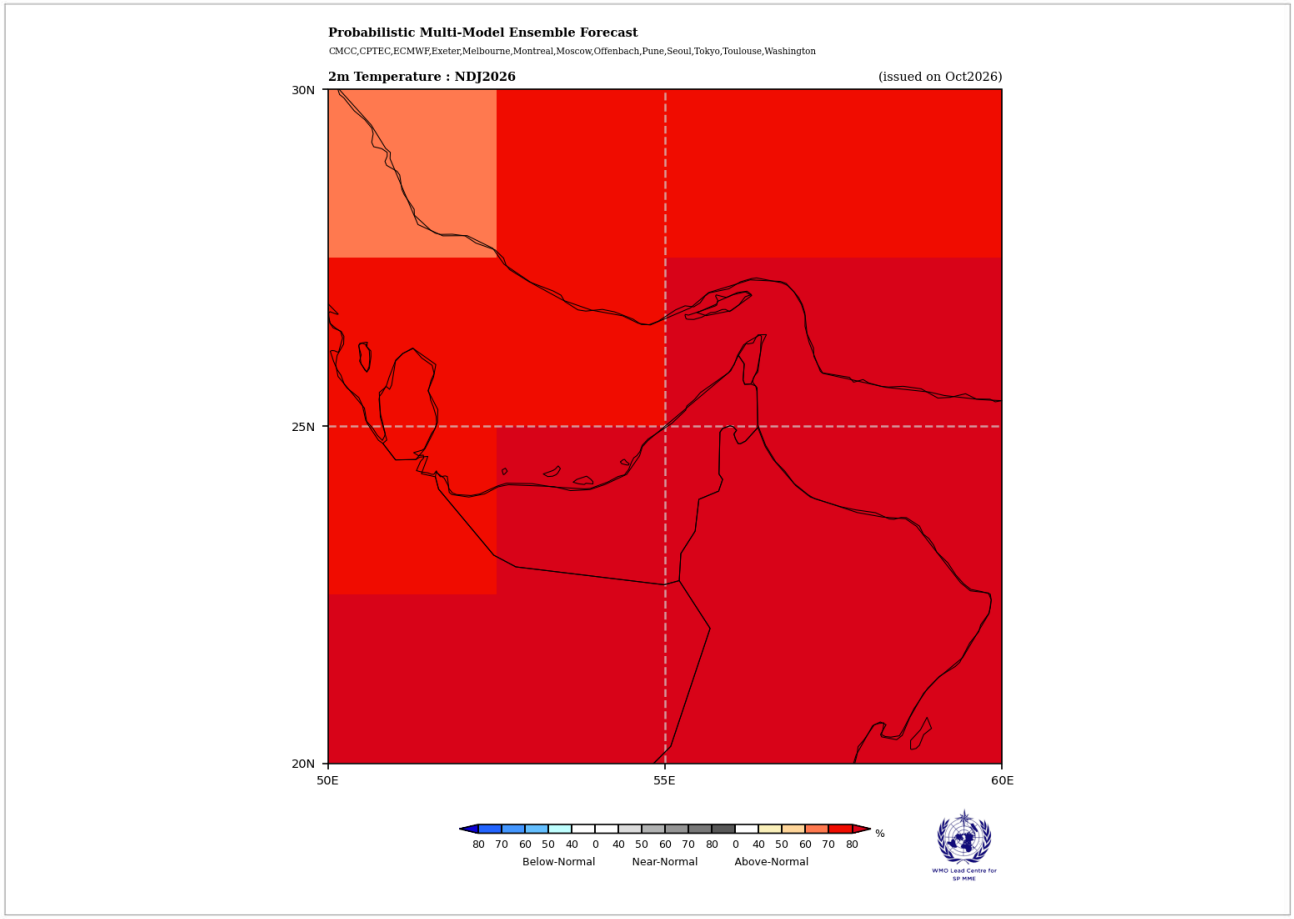

Fig 7a. UAE probabilistic MME forecast from WMO LC LRF: 2m Temperature

Seasonal Climate Outlook
November 2026 ~ January 2027

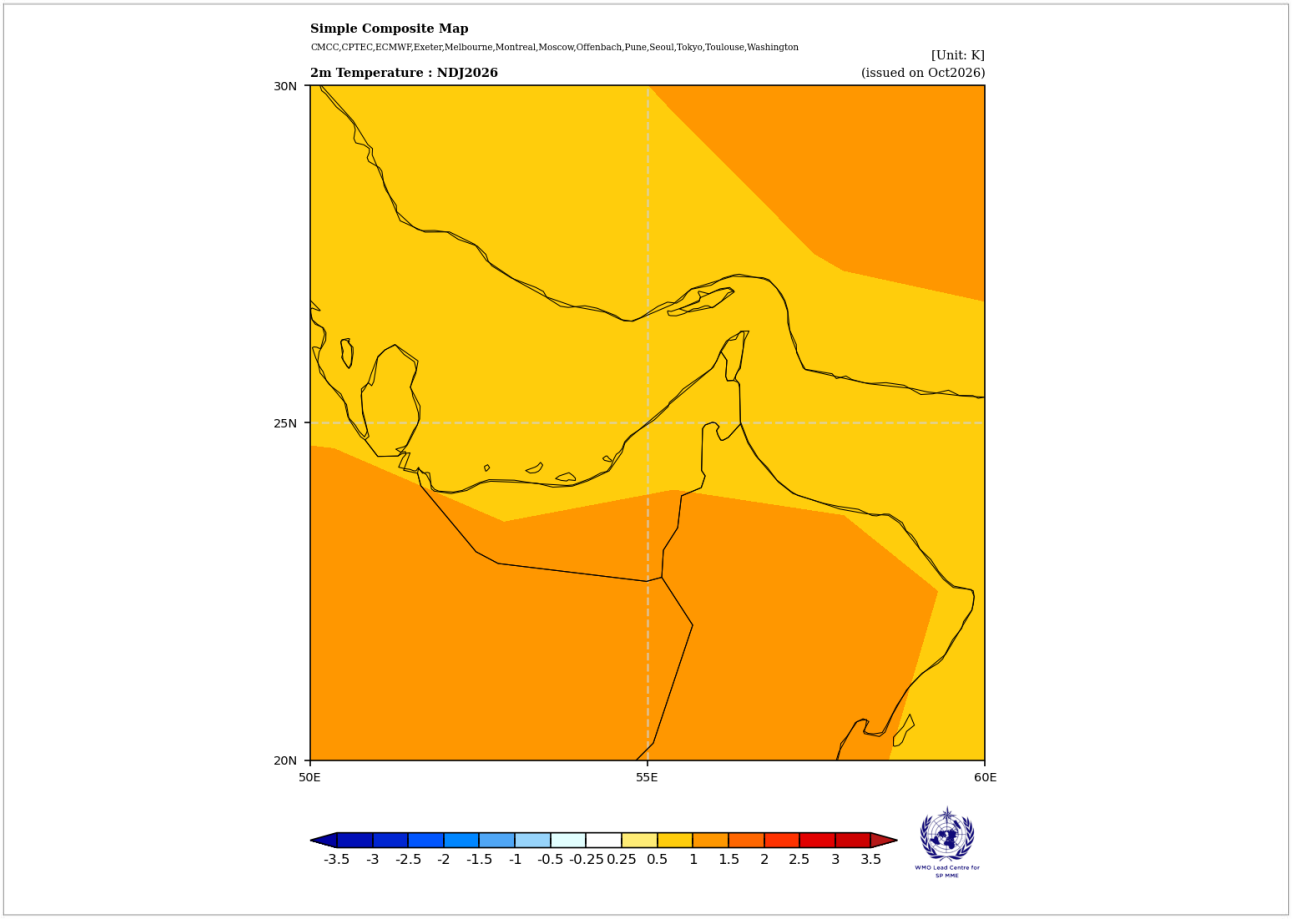

Fig 7b. UAE probabilistic MME forecast from WMO LC LRF: 2m Temperature

Seasonal Climate Outlook
November 2026 ~ January 2027

National (UAE): Precipitation

- During the season, conditions are likely to be above normal rainfall over most of UAE with a chance of >40% (Fig. 8a).
- The deterministic forecast also shows normal rainfall conditions in this season (Fig. 8b).

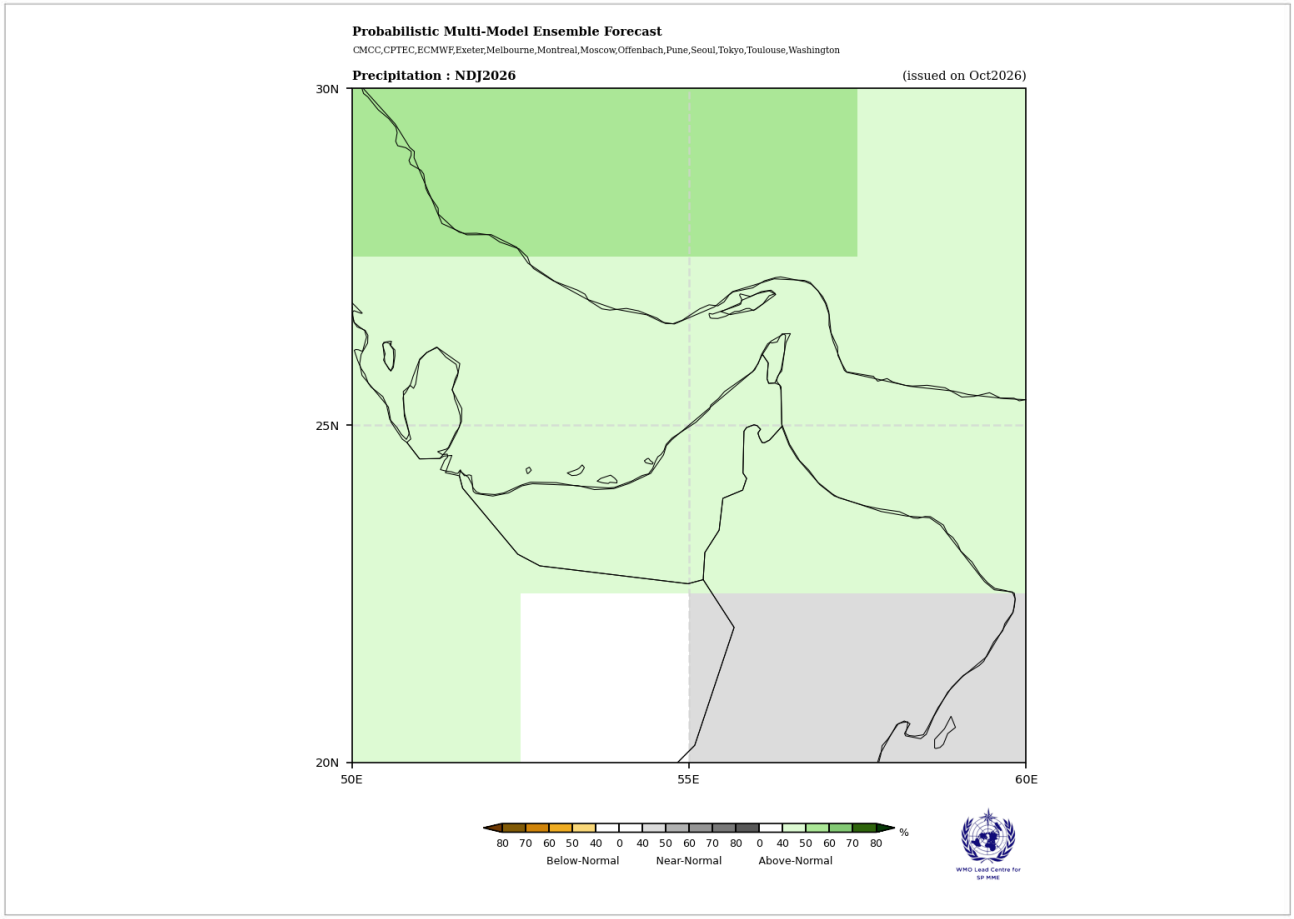

Fig 8a. UAE probabilistic MME forecast from WMO LC LRF: Precipitation

Seasonal Climate Outlook
November 2026 ~ January 2027

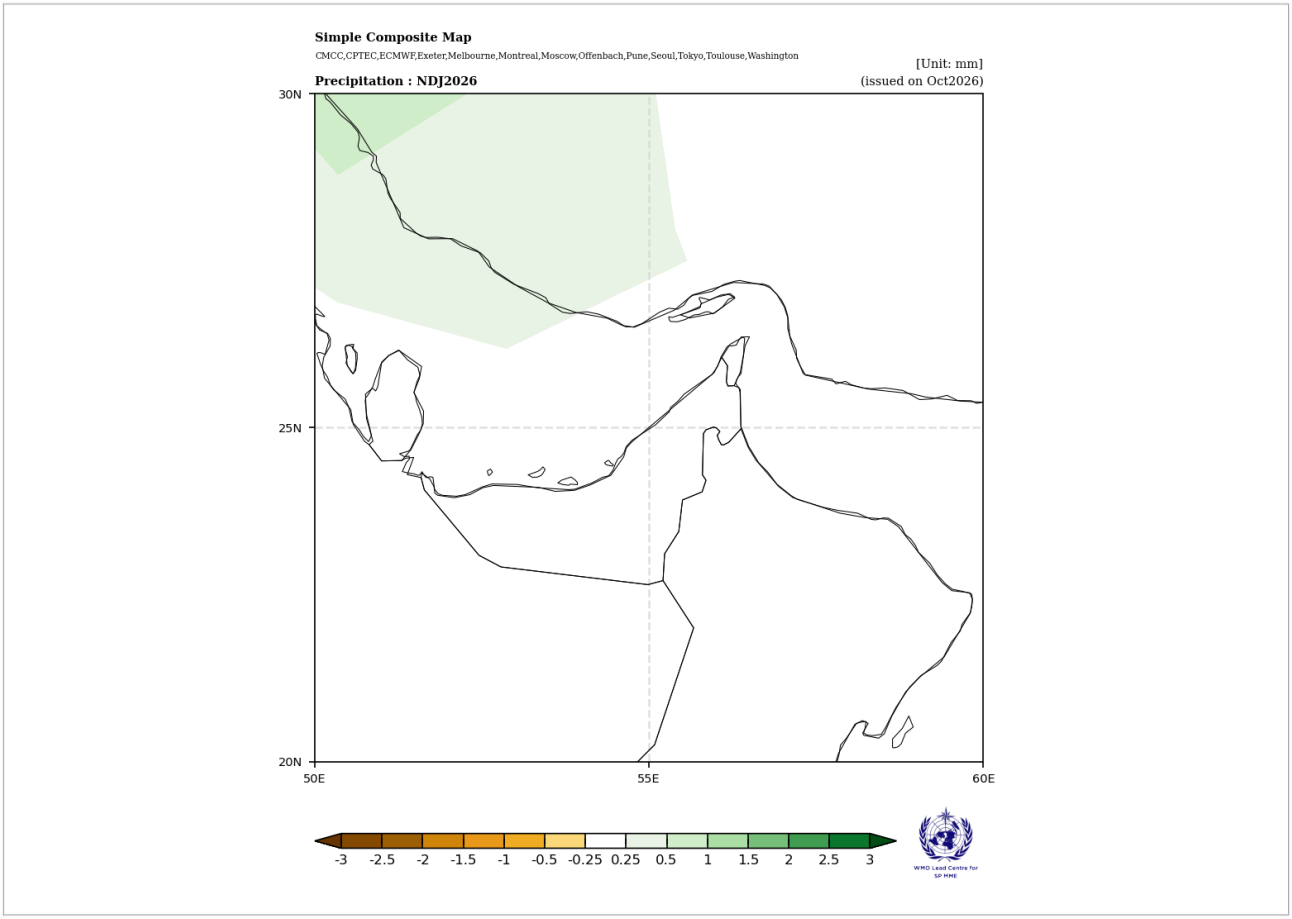

Fig 8b. UAE deterministic MME forecast from WMO LC LRF: Precipitation

ENSO Forecast

A monthly summary of the status of El Niño, La Niña, and the Southern Oscillation, or ENSO, based on the NINO3.4 index (120-170W, 5S-5N).

- Equatorial Sea Surface Temperatures (SSTs) are above average in the Central and Eastern Pacific Ocean.
- The equatorial Pacific conditions indicates that the ongoing El Niño conditions will continue to strengthen toward the end of 2026.
- Most of the climate models predicted that ***very strong*** El Nino conditions will continue likely through January-March 2027 .

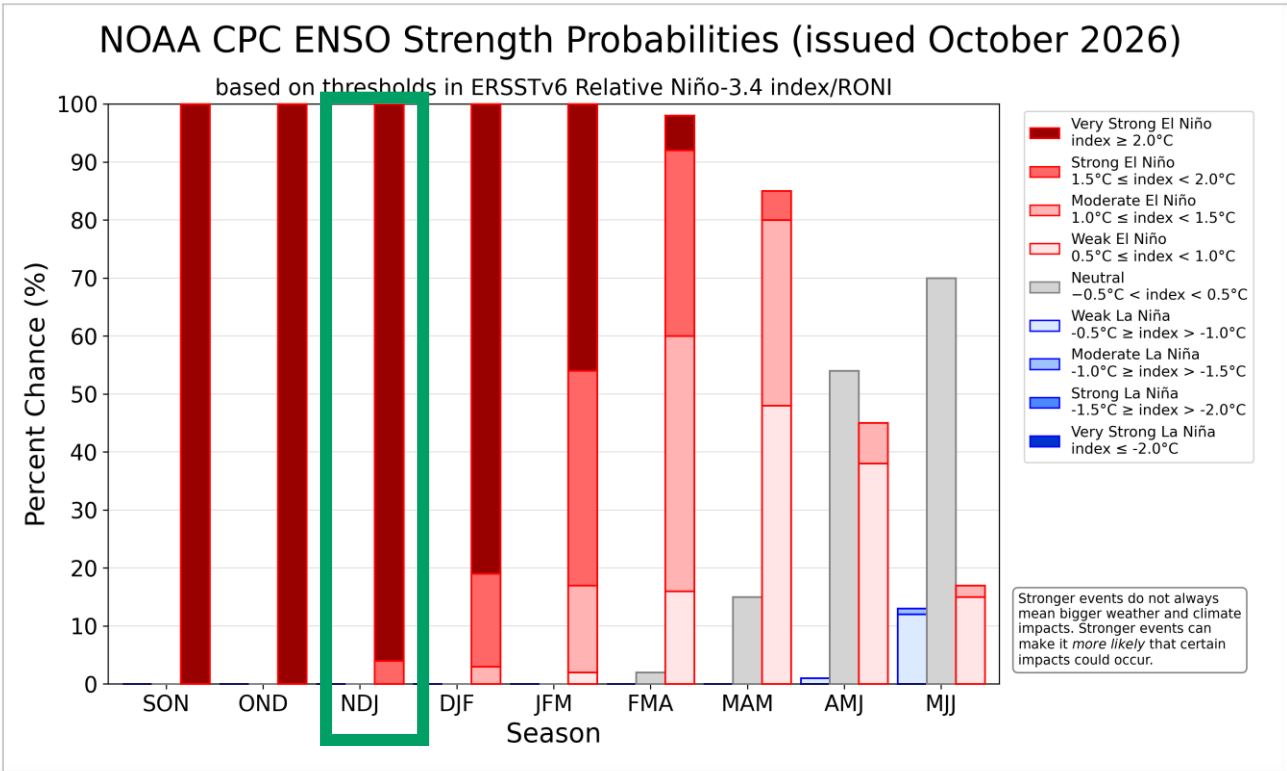

Fig.9 Probabilistic ENSO outlook from CPC/IRI

ENSO Impact on UAE

- Near normal to above normal Rainfall conditions are excepted over the UAE.
- This pattern is likely to contributing to above normal temperature conditions over the UAE.

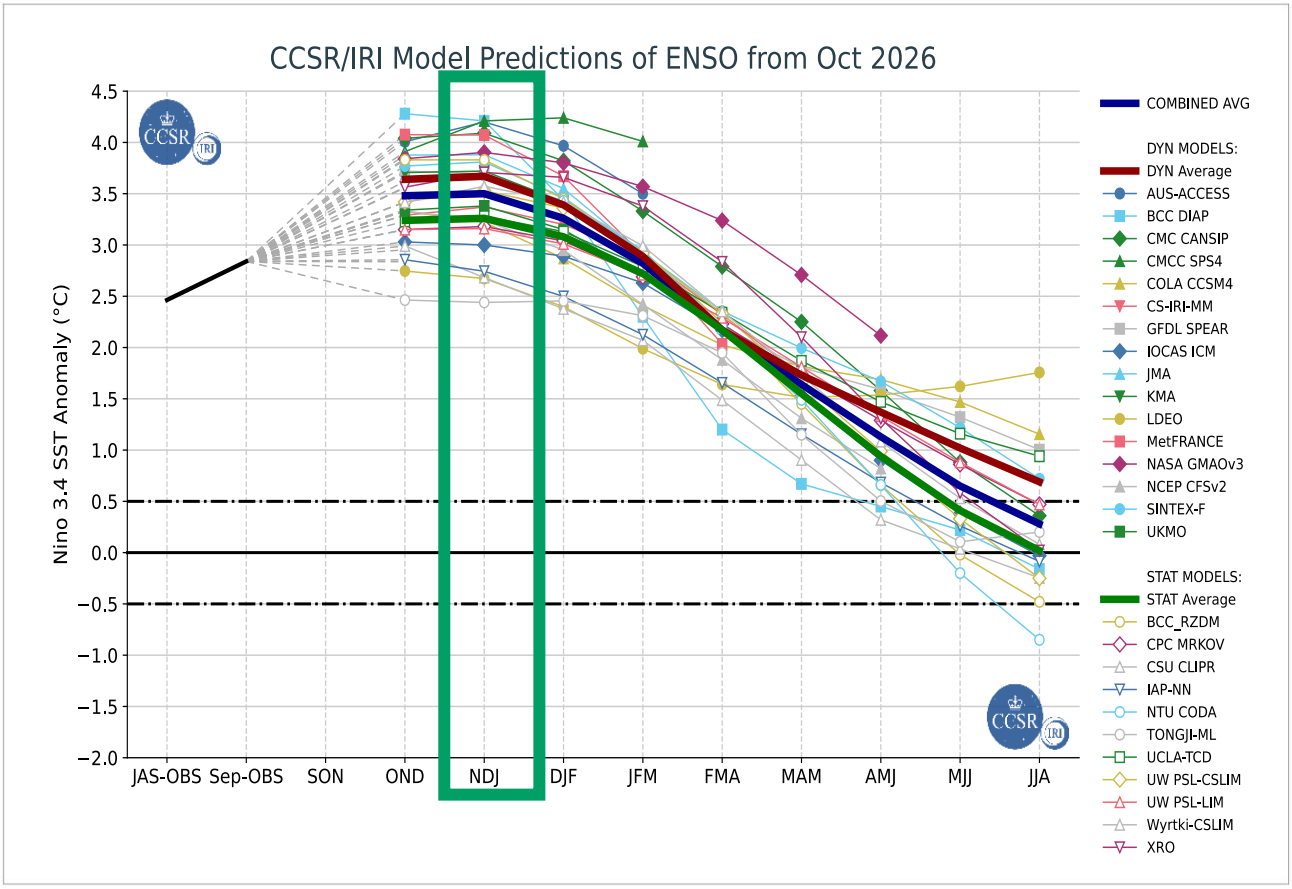

Fig.10 Pacific Nino 3.4 SST outlook from CPC/IRI



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