WMO Third Pole RCC Network
(In Demonstration Phase)

Third Pole Climate Forum

TPCF-4 Consensus Statement

by TPRCC-Network

2 December 2025

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Structure of CS-4 at TPCF-4

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- Highlights
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- Annex-I TPRCC-Network Overview
- Annex-II Understanding Consensus Statement
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CS-4 will be released via TPRCC-Network web portal: https://www.rccra2.org/tp-rcc/

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Climate Summary for JJAS 2025

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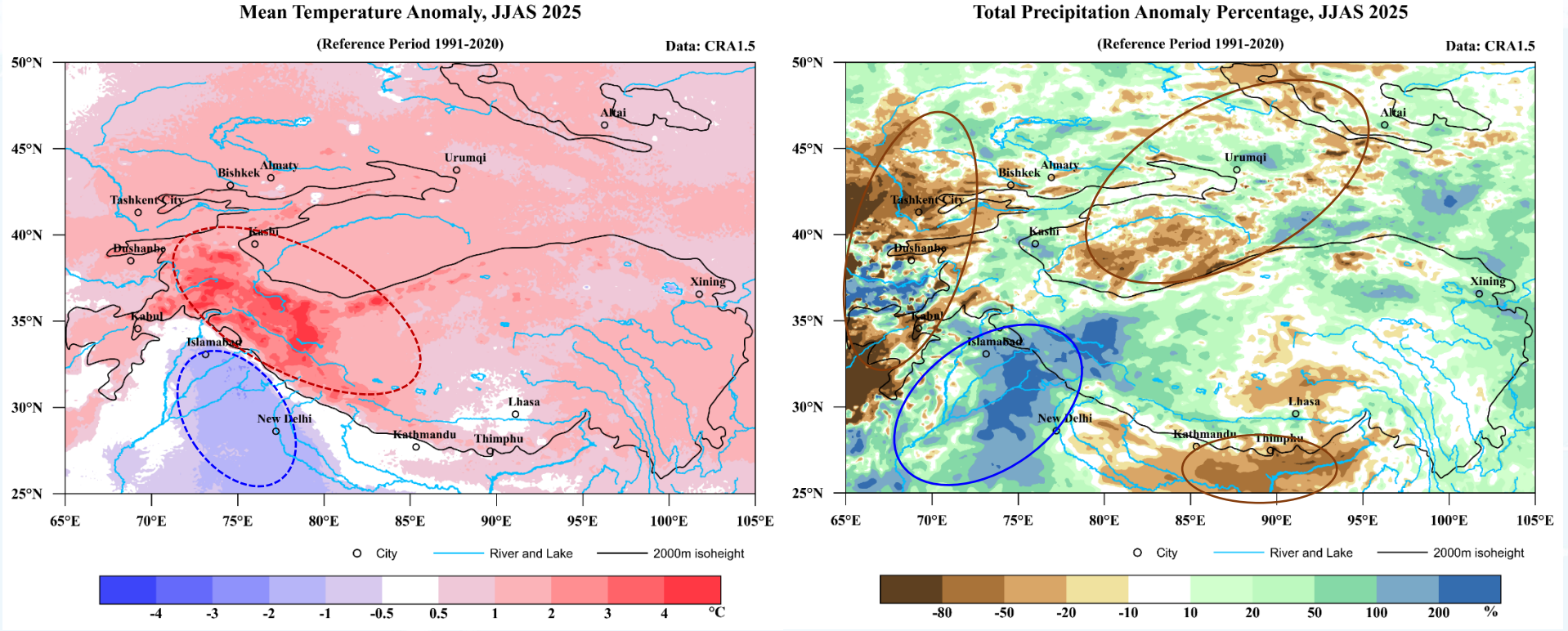
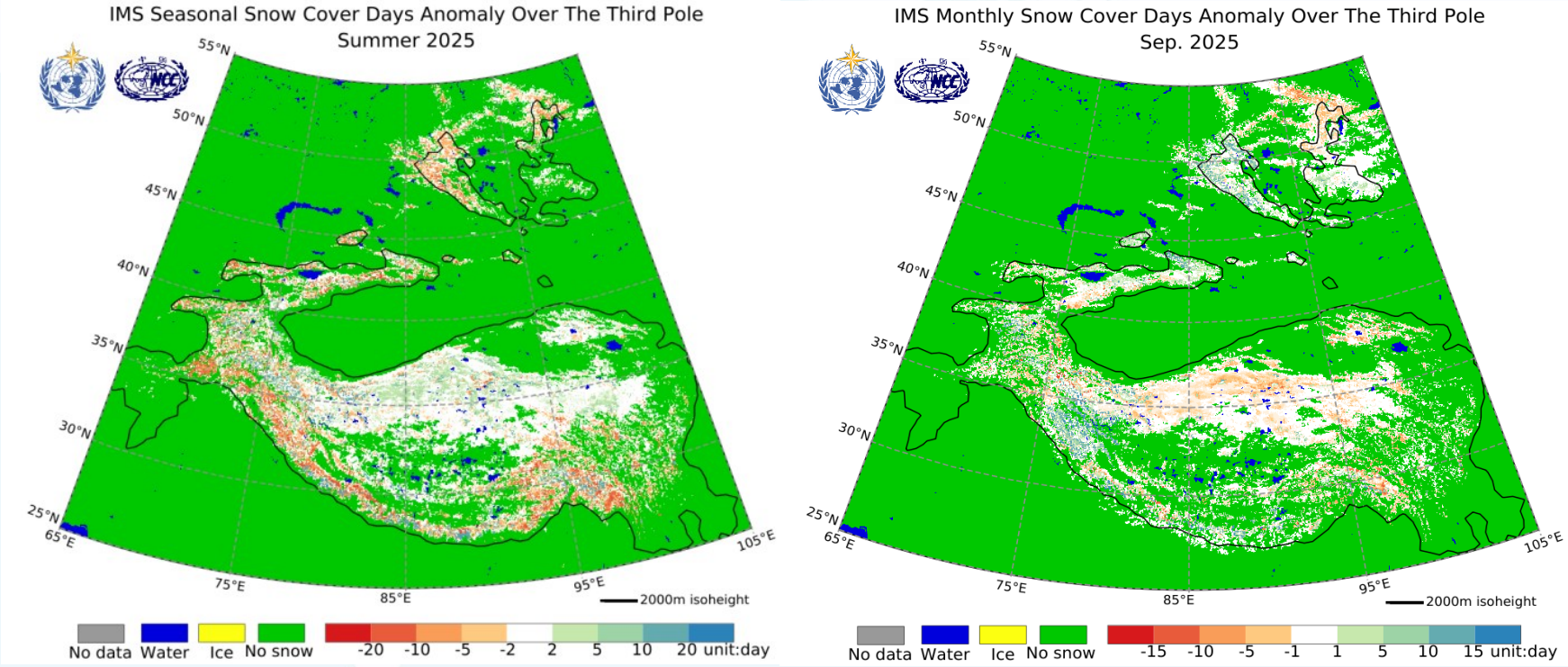
- From June to September 2025, **most of the Third Pole region experienced above-normal surface air temperatures**, except for parts of the southwestern TP region, which saw relatively cooler conditions.
- For the season, the **southwestern TP region** experienced exceptionally wet conditions. Meanwhile, **parts of the western and northern TP region**, as well as **central areas along the southern margins**, recorded precipitation deficits.



SAT and Precipitation anomalies (relative to 1991-2020) for JJAS 2025 (*Data source: CRA 1.5*)

Climate Summary for JJAS 2025

- In summer (JJA) 2025, snow cover extent (SCE) over the TP region was close to the normal, although it recorded around 20.6 % below normal in July, ranking as the fifth lowest since 2004.
- For September 2025, the regional mean SCE was around 3.5% less than normal.



Number of snow cover days anomalies (relative to 2005-2020) in JJA and September 2025

(Data source: 4 km IMS/NSIDC)

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High-Impact Events for JJAS 2025

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Unusual early and intense summer monsoon

- Heavy rainfall from late May to early June, caused widespread flooding and landslides in northeastern and eastern India.
- From June to September 2025, Pakistan faced an intense and destructive monsoon season characterized by nine major spells of extreme weather, leading to widespread flash floods, riverine inundation, landslides, et al.

Drought

- Despite the early arrival of southwest monsoon on 29 May, the southern plains of Nepal experienced a significant lack of rainfall for six weeks leading to a severe water crisis and drought conditions.

Heatwave

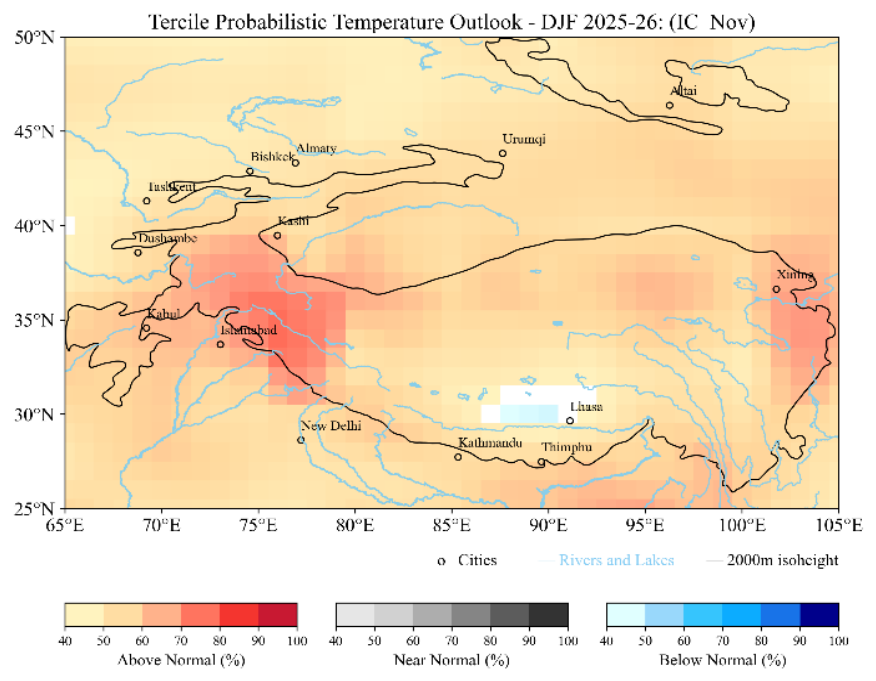
- Throughout the season, the southeastern Central Asia and the northern Pakistan have been affected by intense heatwaves.

GLOFs

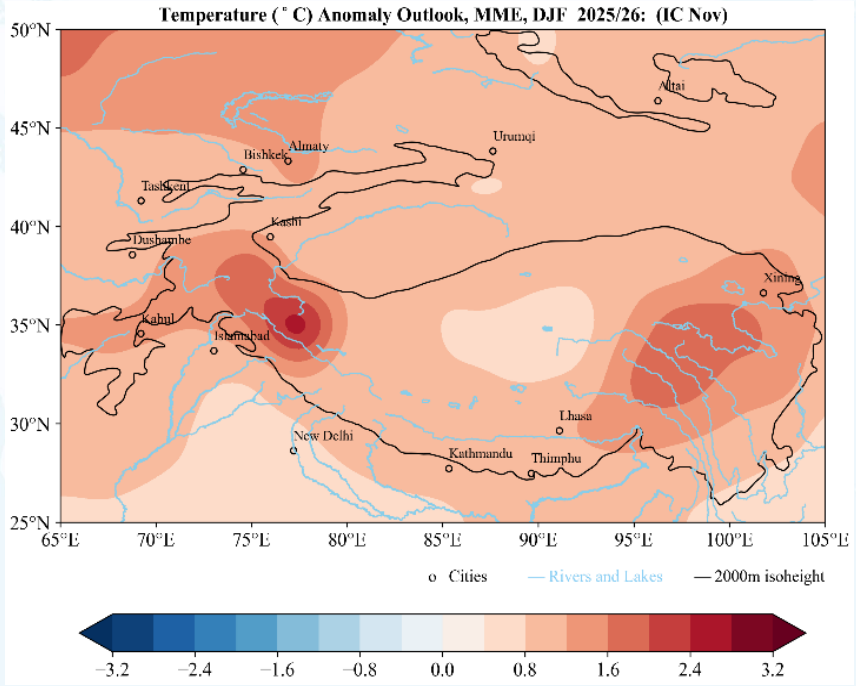
- In July, the supraglacial lake outburst triggered natural disaster of mudslides in the China-Nepal border.

Seasonal Outlook for DJF 2025-26

- Above-normal SAT conditions are expected across most parts of the TP region during DJF 2025/26, with the stronger positive temperature anomalies over the southwestern, eastern and northwestern sectors of the TP region.
- The probabilistic outlook indicates a high likelihood of above-normal temperatures over the southwestern and eastern TP region.

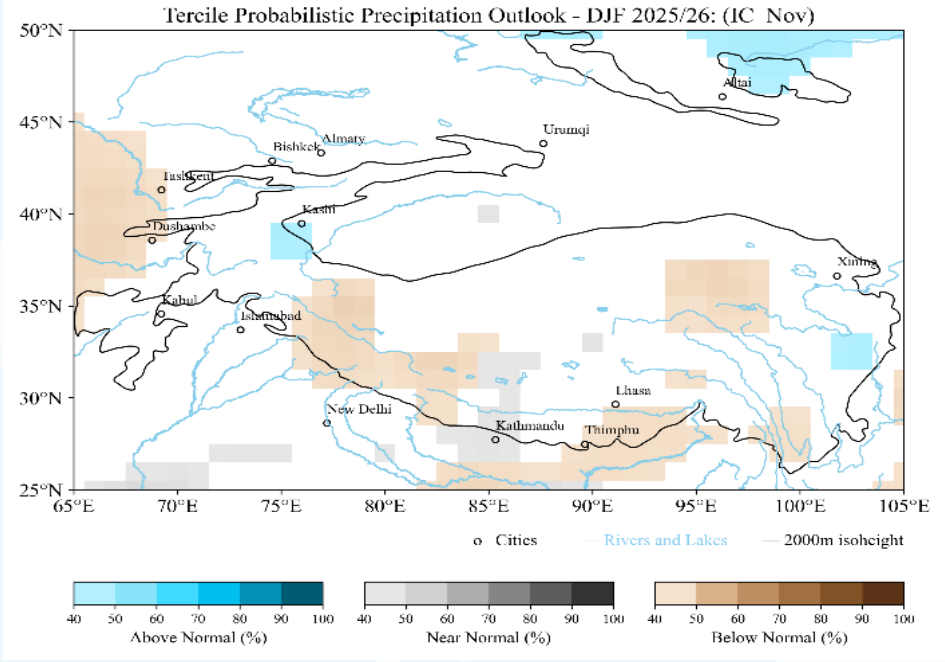


Temperature Probabilistic outlook, DJF 2025-26 for TP region

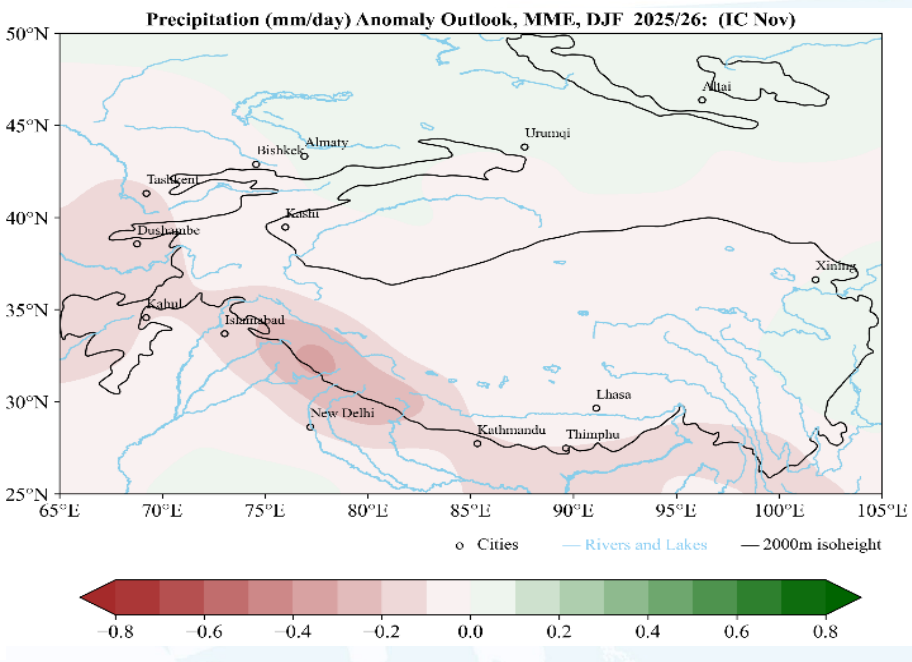


Temperature anomaly outlook, MME, DJF 2025-26 for TP region

Seasonal Outlook for DJF 2025-26



Precipitation Probabilistic outlook, DJF 2025-26 for TP region



Precipitation anomaly outlook, MME, DJF 2025-26 for TP region

- The precipitation anomaly outlook for DJF 2025/26 shows a heterogeneous pattern with notable regional contrasts.
- Significant negative precipitation anomalies are projected along the Himalaya–Karakoram ranges, particularly across the southwestern and western sectors, where the likelihood of below-normal precipitation is highest.
- While the **eastern and northeastern parts of the TP region** are expected to receive slightly above-normal precipitation.
- Across much of the central TPCR, precipitation is anticipated to be near normal.

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