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EXTENDED RANGE FORECAST FOR SUB-HIMALAYAN WEST BENGAL & SIKKIM

Thursday, 26th June 2025

[Current weather status & outlook for next two weeks (27th June 2025 – 10th July 2025)]

1. Realized rainfall & temperature scenario during the week:

(i) Weekly Rainfall Scenario (19th June 2025 – 25th June 2025):

Name of the State/District / राज्य/जिले का नाम	Rainfall during the week ending on 25-June-2025/ 25-June-2025 को समाप्त सप्ताह के दौरान हुई वर्षा			Seasonal Rainfall Since 01-June-2025 to 25-June-2025/ 01-June- 2025 से 25-June-2025 तक मौसमी वर्षा		
	Actual (mm)/ वास्तविक (मिमी)	Normal (mm)/ सामान्य (मिमी)	% dep. from normal/ सामान्य से % विचलन	Actual (mm)/ वास्तविक (मिमी)	Normal (mm)/ सामान्य (मिमी)	% dep. from normal/ सामान्य से % विचलन
Sub-Himalayan West Bengal & Sikkim/ उप- हिमालयी पश्चिम बंगाल और सिक्किम	130.2	114.8	13	294.4	362.0	-19
Sikkim/ सिक्किम	099.8	101.0	-1	223.4	351.7	-36
Mangan/ मंगन	069.3	097.1	-29	235.2	292.9	-43
Gangtok/ गंगटोक	137.8	127.4	8	291.8	485.9	-40
Pakyong/ पाक्योंग	151.8	092.4	64	235.2	292.9	-20
Gyalshing/ ग्याल्शिग	117.9	092.8	27	206.8	308.8	-33
Soreng/ सोरिंग	268.0	092.8	189	373.5	308.8	21
Namchi/ नामची	116.3	102.9	13	259.6	293.9	-12
Cooch Behar/ कुच बिहार	173.1	147.8	17	425.4	458.2	-7
Darjeeling/ दार्जिलिंग	224.6	156.2	44	397.7	495.3	-20
Jalpaiguri/ जलपाईगुड़ी	168.6	189.1	-11	431.8	584.9	-26
Malda/ मालदा	054.6	066.5	-18	184.4	180.3	2
North Dinajpur/ उत्तर दिनाजपुर	071.0	089.6	-21	153.5	274.6	-44
South Dinajpur/ दक्षिण दिनाजपुर	075.3	058.8	28	161.2	197.0	-18

(ii) Weekly weather Scenario (week ending on 25th June 2025):

Light to moderate rain occurred over entire Sikkim during most days of the week. The highest rainfall of 79.5 mm was reported in Soreng on June 19, 2025, during the week.

Maximum Temperature remained above normal over Gangtok, Mazitar and Tadong cities during a few days of the week, and below normal over Mangan city during many days of the week.

Minimum Temperature remained above normal over Mangan and Mazitar cities during a few days, and below normal over Namthang city during a few days of the week.

(iii) Significant Synoptic Situations:

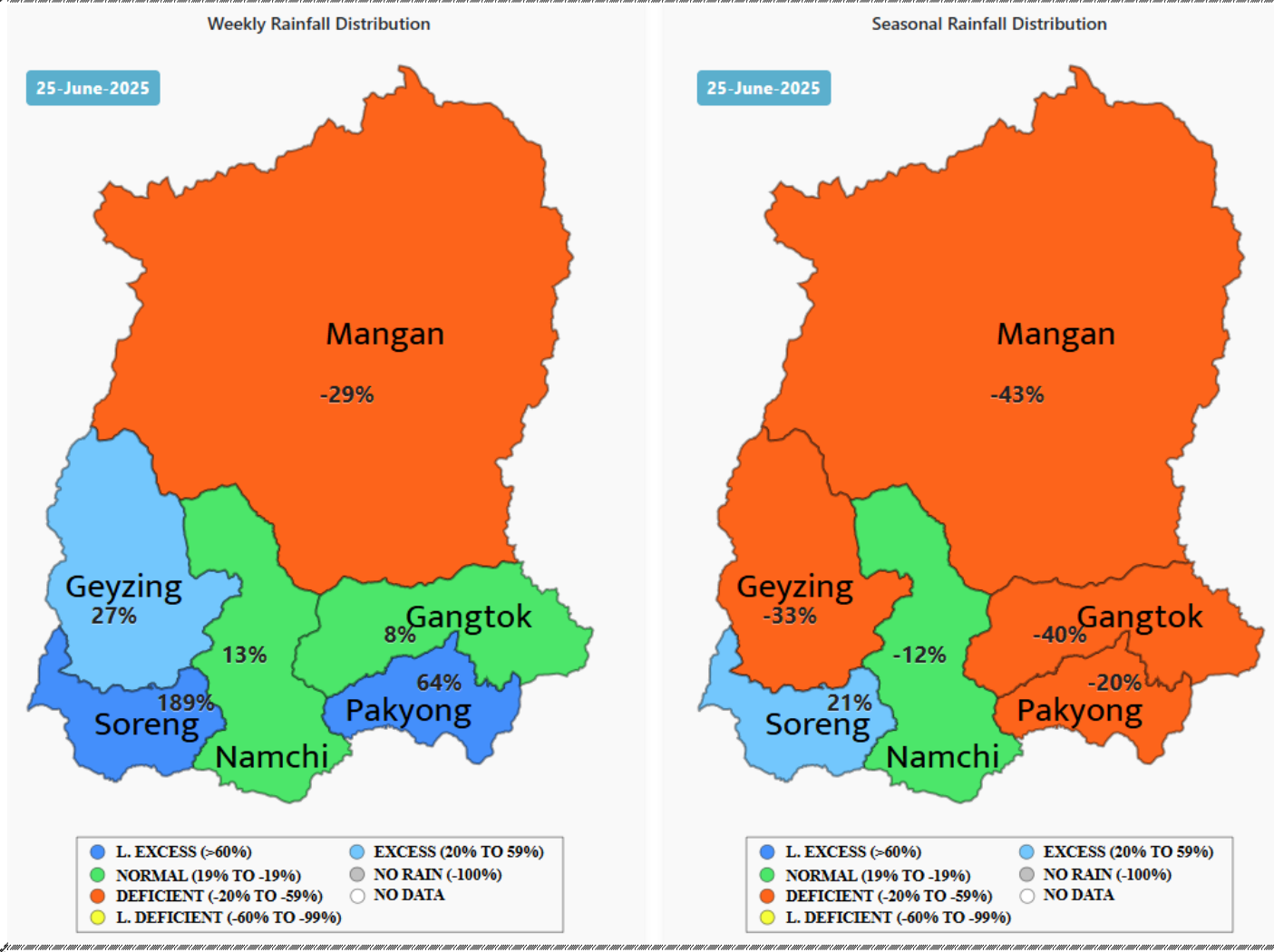
On 19th June, the well marked low pressure area over northeast Jharkhand & adjoining Gangetic West Bengal persisted. An east-west trough ran from south Punjab to south Assam across the cyclonic circulation over northeast Rajasthan, north Madhya Pradesh and the cyclonic circulation associated with the well-marked low pressure area over Jharkhand & adjoining Gangetic West Bengal at 0.9 km above mean sea level. On 20th June, The well marked low pressure area over northeast Jharkhand & neighbourhood weakened into a low pressure area and lay over south Bihar & neighbourhood. The east west trough runs from Northwest Rajasthan to Meghalaya across the cyclonic circulation associated with the low-pressure area over south Bihar & neighbourhood and Gangetic West Bengal between 0.9 & 1.5 km above mean sea level. On 21st June a trough runs from northeast Bangladesh to south Gujarat region across cyclonic circulation associated with low pressure area over southwest Bihar and central parts of Madhya Pradesh at 3.1 km above mean sea level. On 22nd June, The trough ran from central parts of Gujarat to central parts of Bangladesh across northwest Madhya Pradesh, cyclonic circulation associated with low pressure area over southeast Uttar Pradesh & neighbourhood, Jharkhand, north Gangetic West Bengal at 3.1 km above mean sea level. On 23rd June, the trough ran from the cyclonic circulation over central parts of south Uttar Pradesh to northwest Bay of Bengal across northeast Madhya Pradesh, Jharkhand & north Odisha and extends upto 1.5 km above mean sea level. On 24th June the trough persisted over Madhya Pradesh, Jharkhand & north Odisha extending upto 1.5 km above mean sea level. On 25th June, the trough became less marked and an upper air cyclonic circulation over northwest Bay of Bengal and adjoining north Odisha-west Bengal coasts persisted and extended upto 7.6 km above mean sea level tilting southwestwards with height.

Southwest Monsoon

The Northern Limit of Monsoon continues to pass through 25.0°N/60.0°E, 25.0°N/65.0°E, 25.5°N/70.0°E, Barmer, Jodhpur, Jaipur, Agra, Rampur, Bijnor, Karnal, Halwara and 33.0°N/70.5°E.

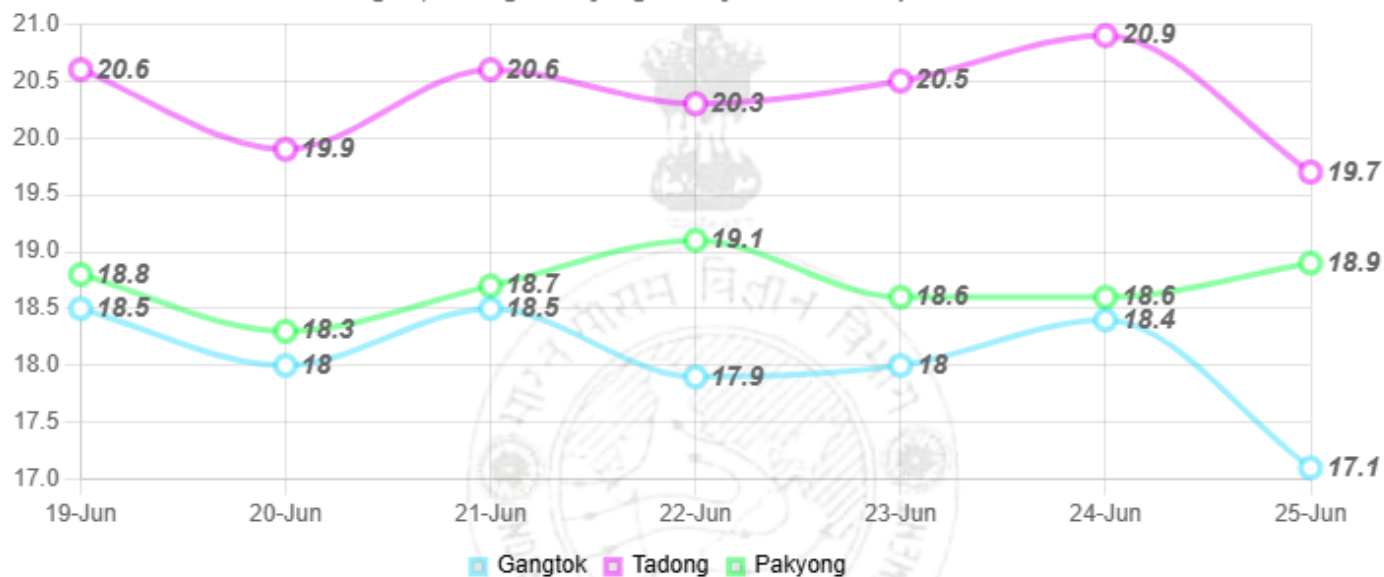
Weekly rainfall departure during the week ending on
25th June 2025

Seasonal rainfall departure since
01st June 2025 to 25th June 2025

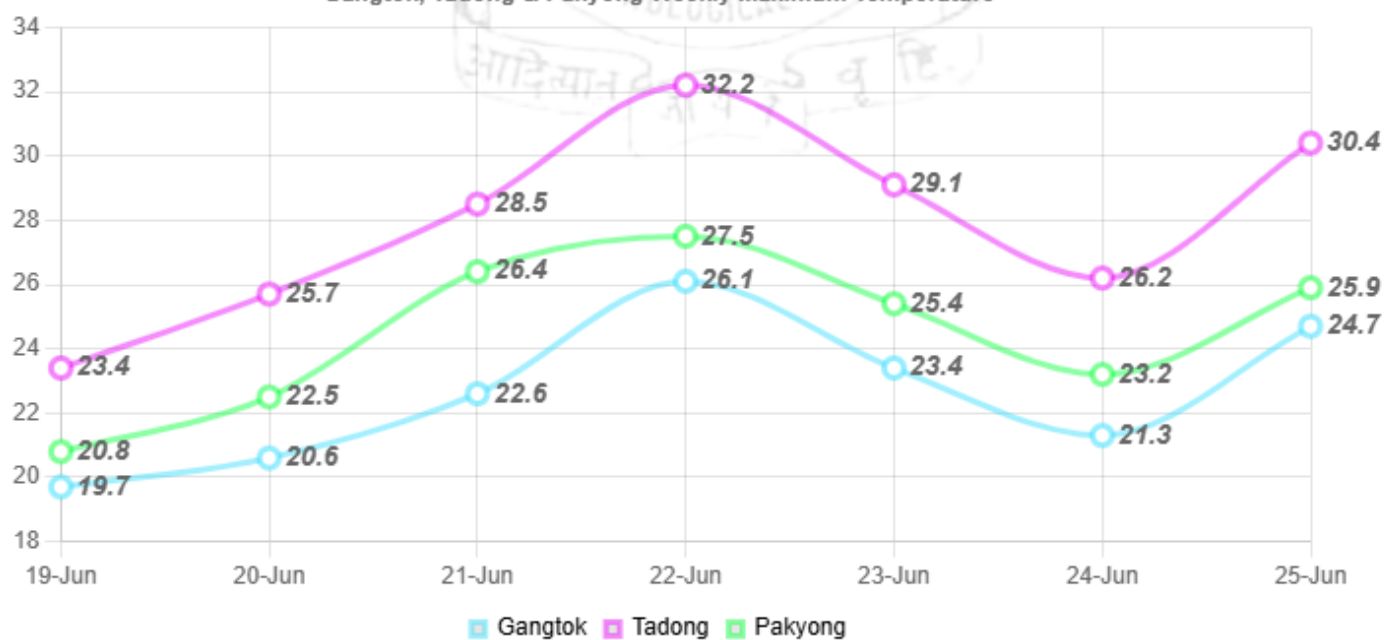


Weekly graph for Gangtok, Tadong and Pakyong for day ended on 25th Jun, 2025

Gangtok, Tadong & Pakyong Weekly Minimum Temperature



Gangtok, Tadong & Pakyong Weekly Maximum Temperature



2. Forecast summary for next two weeks and trend:

(Week 1: 27th June 2025–03rd July 2025) & (Week 2: 04th July 2025–10th July 2025)

Week No.	Rainfall	Maximum Temperature	Minimum Temperature
Week 1	Below Normal	Normal	Below Normal
Week 2	Below Normal	Normal	Below Normal

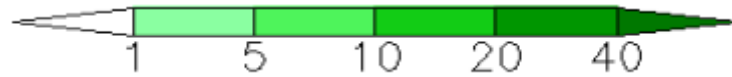
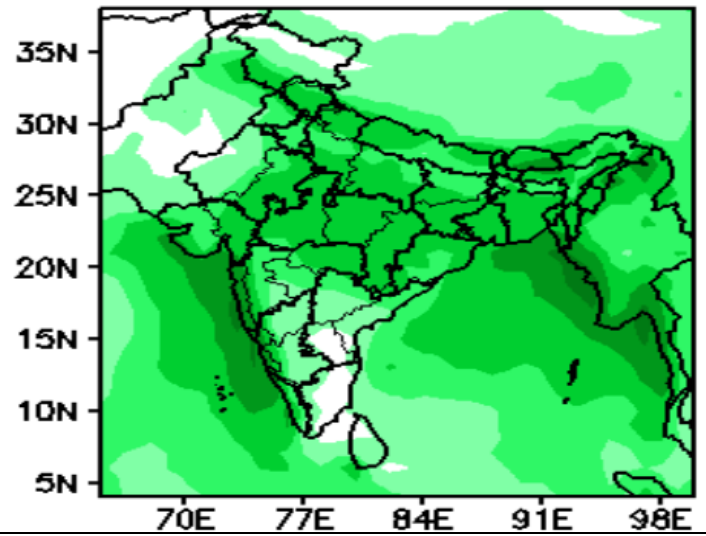
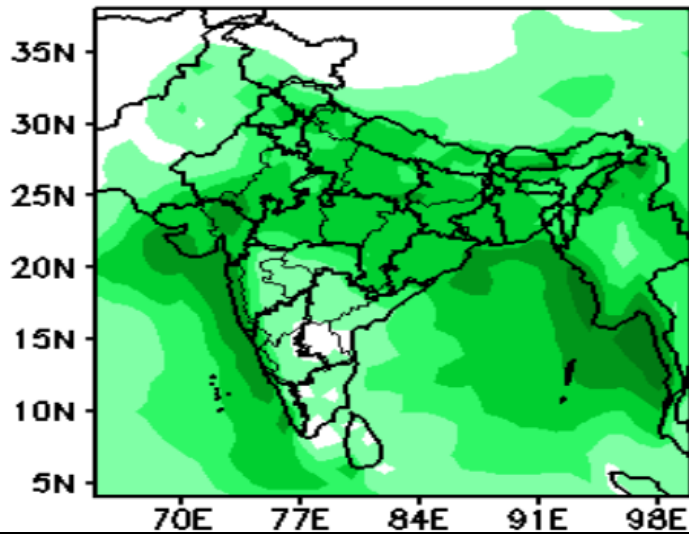
(i) Rainfall Forecast:

Forecast Rainfall (mm/day)

(00Z=0530 hrs IST)

(Week1:00Z26Jun-00Z03Jul)

(Week2:00Z03Jul-00Z10Jul)

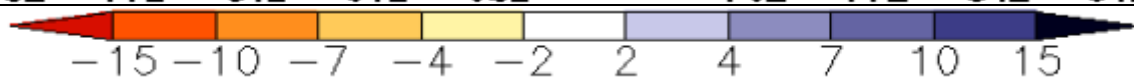
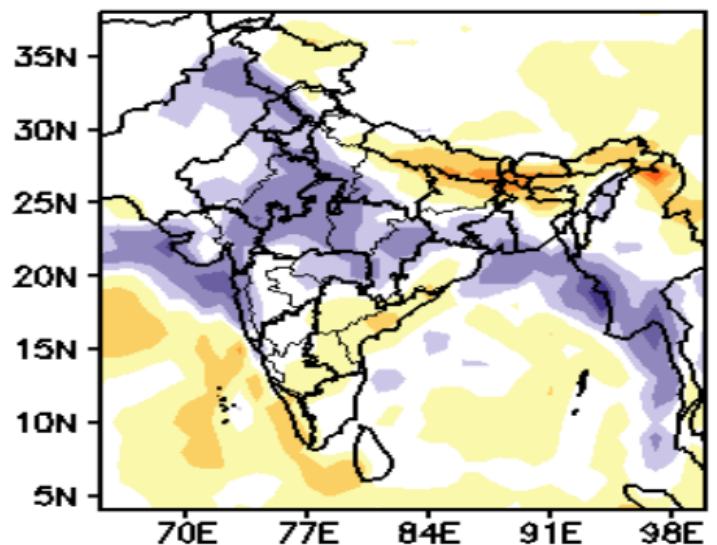
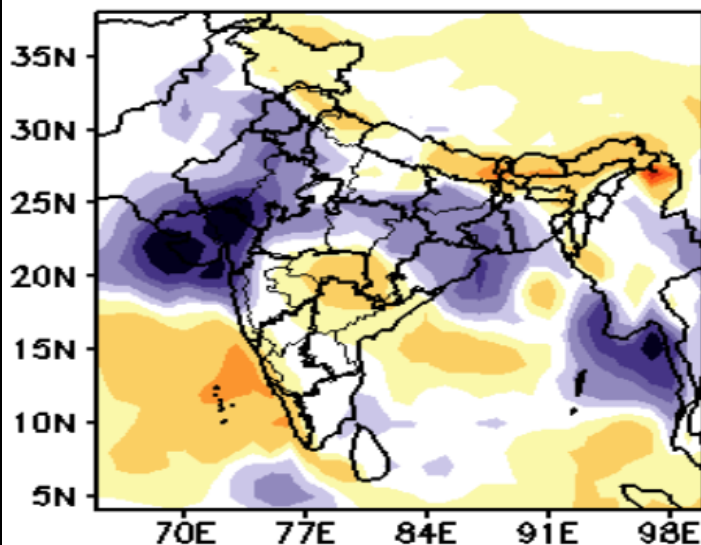


Forecast Rainfall Anomaly (mm/day)

(00Z=0530 hrs IST)

(Week1:00Z26Jun-00Z03Jul)

(Week2:00Z03Jul-00Z10Jul)

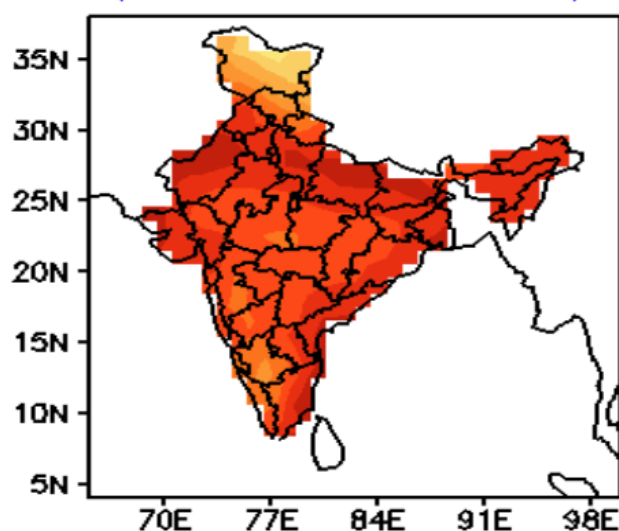
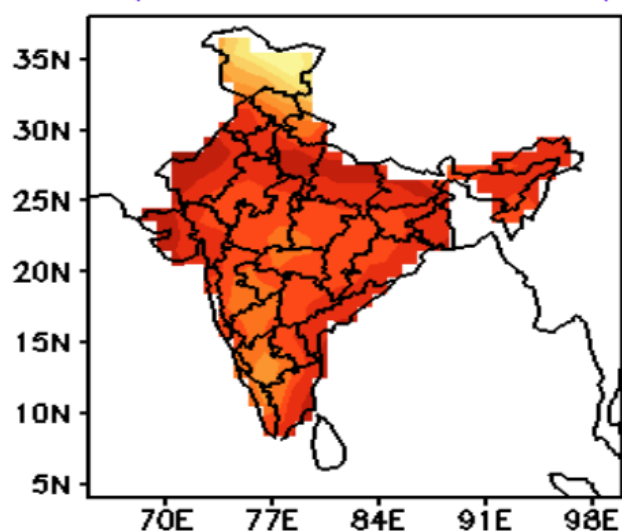


(ii) Minimum Temperature Forecast:

MME Bias corrected forecast Tmin (Deg C)

(Week1: 27Jun-03Jul)

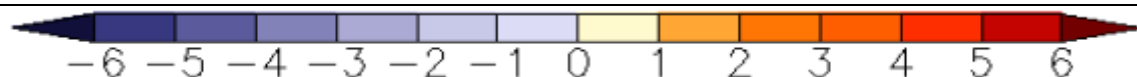
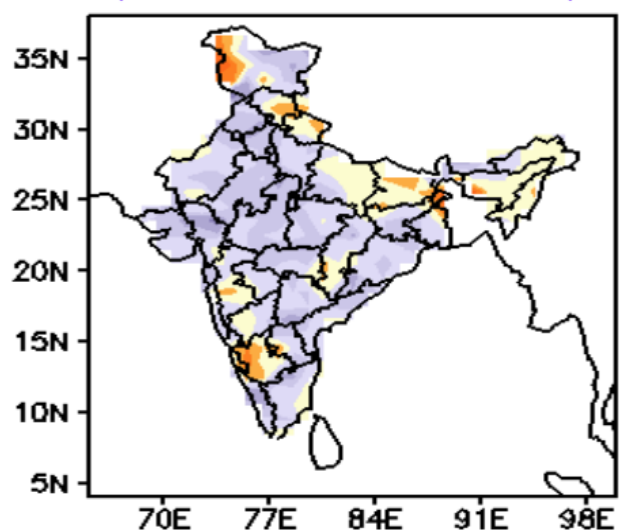
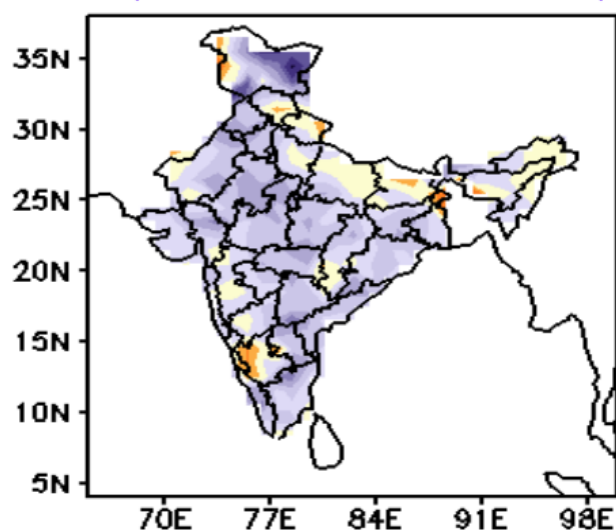
(Week2: 04Jul-10Jul)



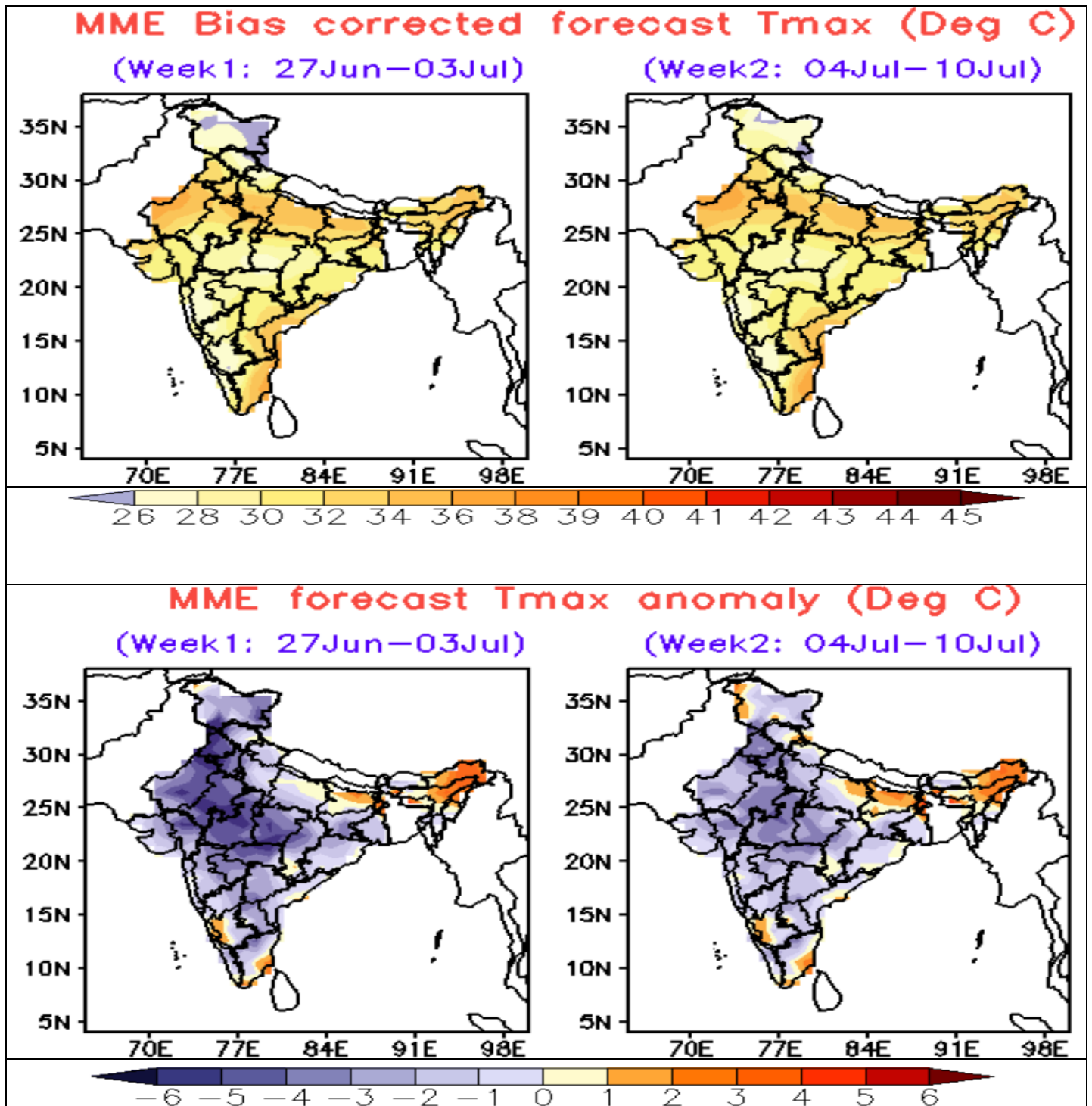
MME forecast Tmin anomaly (Deg C)

(Week1: 27Jun-03Jul)

(Week2: 04Jul-10Jul)



(iii) Maximum Temperature Forecast:



Next bulletin will be issued on 03rd July, 2025 (Thursday)

Meteorological Centre, Gangtok.