



Extended Range Forecast

GOA STATE

Date: 06th May 2021

1. Observed condition during last week (For the week 30th April – 06th May 2021)

Rainfall

The weekly average rainfall realised during the week = 8.1 mm

The normal rainfall for the week=11.3 mm

*The percentage departure from normal during the week = **Deficient (D)** (-28%)*

Maximum Temperature (T_{max}) and Minimum Temperature (T_{min}) of Panaji

Weekly average maximum temperature = 34.6^o C with anomaly of +0.9^o C

Weekly average minimum temperature = 25.7^o C with anomaly of -0.6^o C

Maximum Temperature (T_{max}) and Minimum Temperature (T_{min}) of Mormagao

Weekly average maximum temperature = 34.6^o C with anomaly of +1.4^o C

Weekly average minimum temperature = 24.9^o C with anomaly of -2.1^o C

[Click here](#) for detailed weekly weather report of past week.

2. Forecasts for Category and Trend

(Week 1: 07th May to 13th May) & (Week 2: 14th May to 20th May)

	Rainfall	T_{max}	T_{min}
Week 1	Large Excess than normal; Normal=3.7 mm	Normal	Normal
Week 2	Normal; Normal=13.5 mm	Normal	Normal

3. Forecast for any extreme weather

- Rain/ Thundershowers likely in the Week 1: (07th May to 13th May) and Week 2: (14th May to 20th May)
 - Maximum temperature is likely to be normal during Week 1 and Week 2.
 - Minimum Temperatures is likely to be normal during Week 1 and Week 2.
 - Low likelihood of heat wave warnings.

Rainfall Category for Extended Range Forecast

<u>Distribution</u>	<u>% Departure of Rainfall</u>
Large Excess (LE)	+60 and above
Excess (E)	+20 to +59
Normal (N)	+19 to -19%
Deficient (D)	-20% to -59%
Large Deficient (LD)	-60% or less
No Rain (NR)	-100 %

Maximum (Tmax) and Minimum Temperature (Tmin) departure

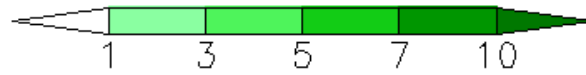
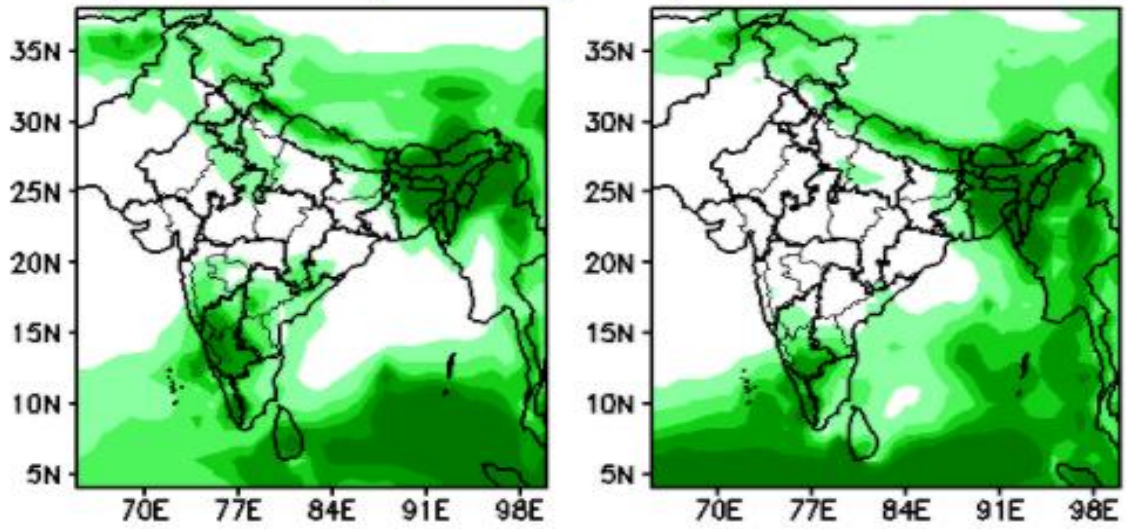
<u>Distribution</u>	<u>Departure from mean</u>
Markedly Below Normal	-5.0 ⁰ C or less
Appreciably Below Normal	-3.1 ⁰ C to -5.0 ⁰ C
Below Normal	-1.6 ⁰ C to -3.0 ⁰ C
Normal	-1.5 ⁰ C to +1.5 ⁰ C
Above Normal	1.6 ⁰ C to 3.0 ⁰ C
Appreciably Above Normal	3.1 ⁰ C to 5.0 ⁰ C
Markedly Above Normal	5.0 ⁰ C or more

4. Forecast Charts of Week 1: (07th May to 13th May) & Week 2: (14th May to 20th May)

Forecast Rainfall (mm/day)

(Week1: 07May-13May)

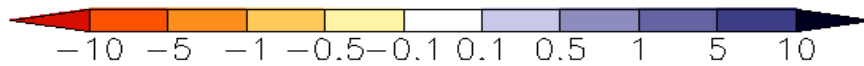
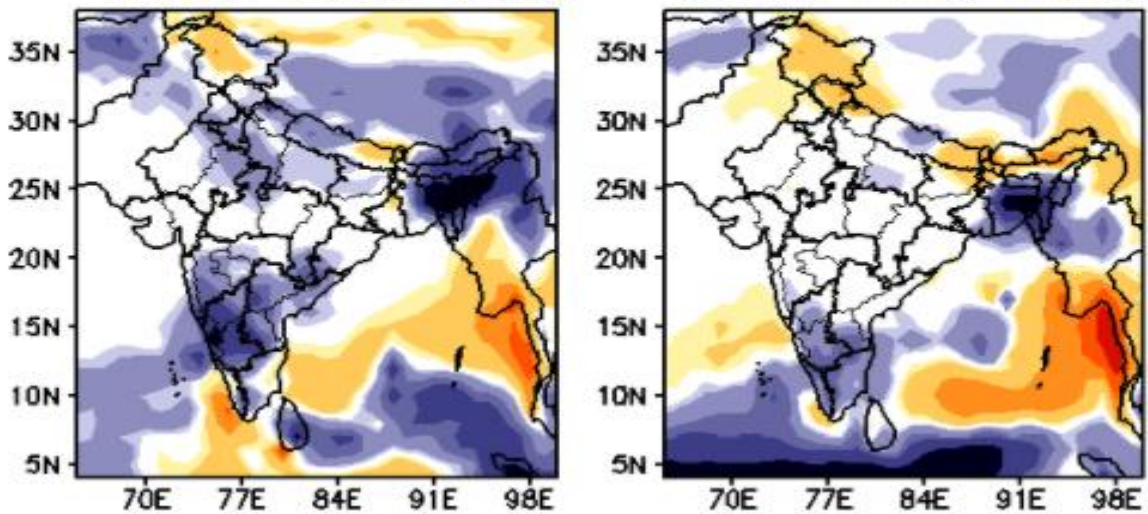
(Week2: 14May-20May)



Forecast Rainfall Anomaly (mm/day)

(Week1: 07May-13May)

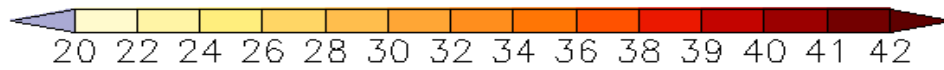
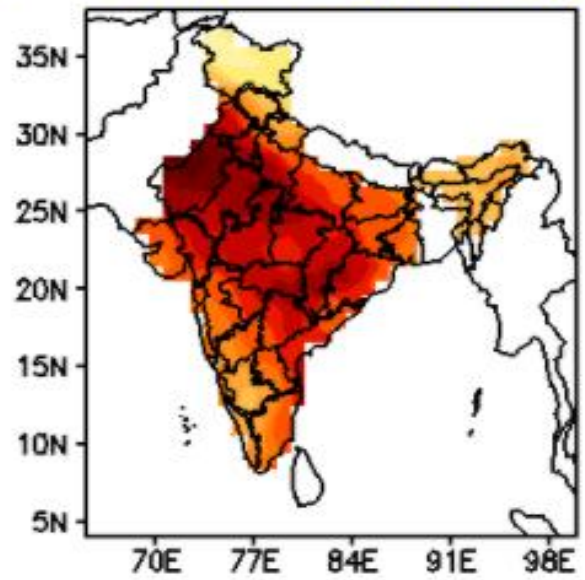
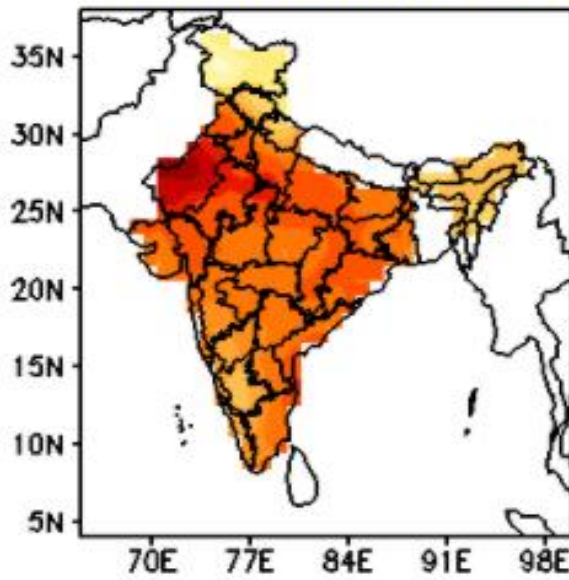
(Week2: 14May-20May)



MME Bias corrected forecast Tmax (Deg)

(Week1: 07May-13May)

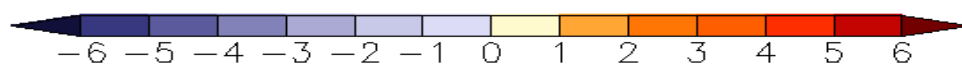
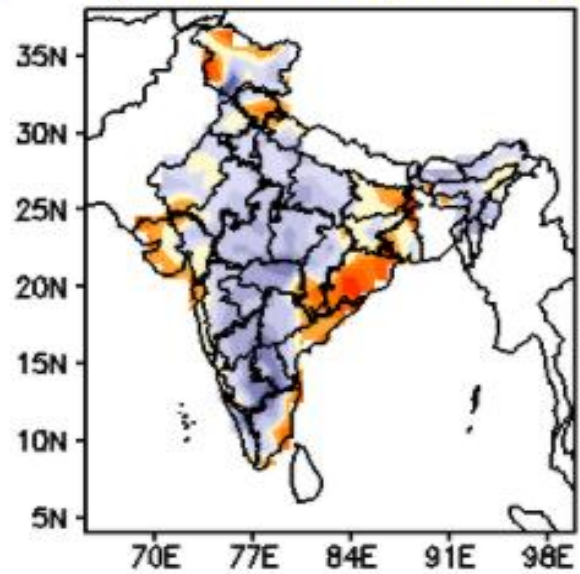
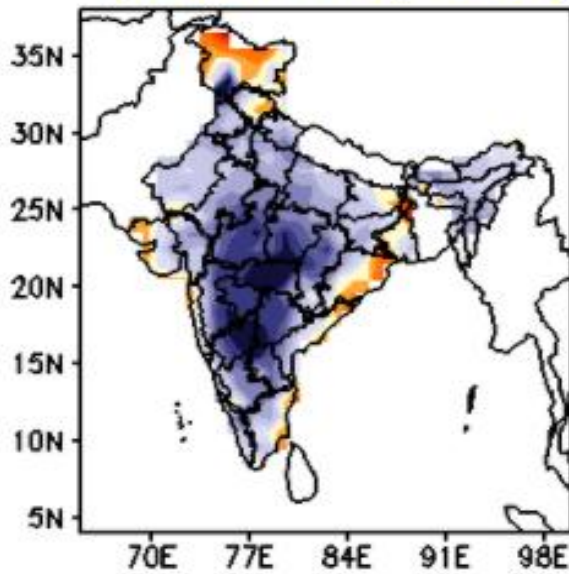
(Week2: 14May-20May)



MME forecast Tmax anomaly (Deg C)

(Week1: 07May-13May)

(Week2: 14May-20May)

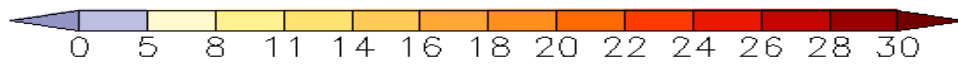
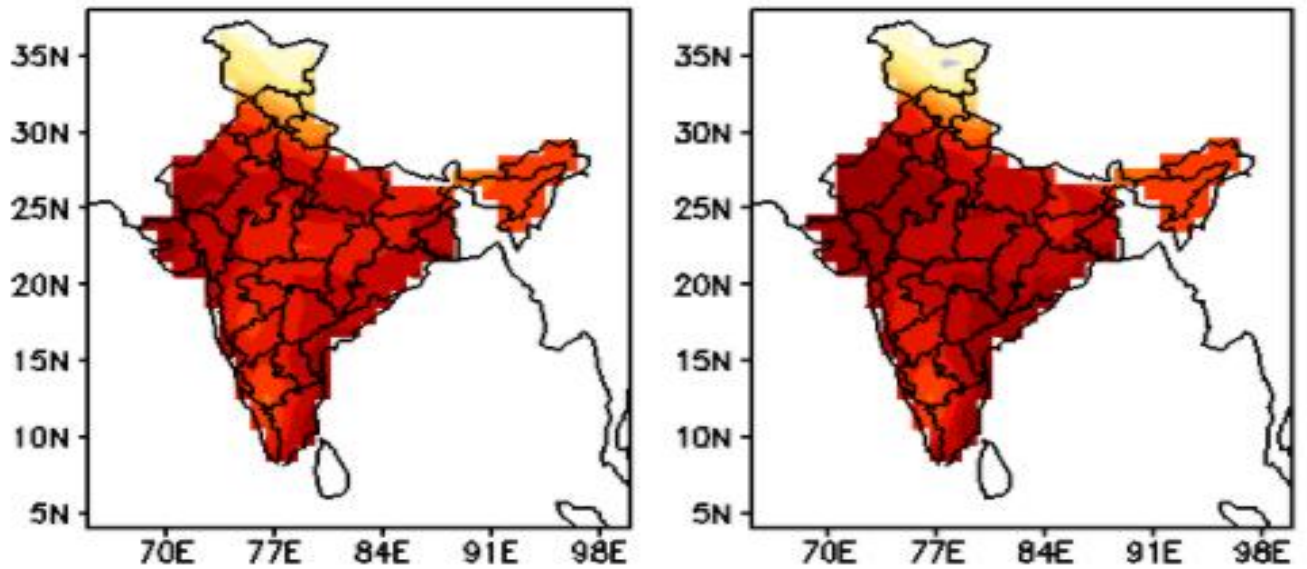


(Weekly maximum temperature and its anomaly)

MME Bias corrected forecast Tmin (Deg)

(Week1: 07May-13May)

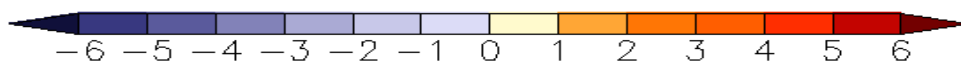
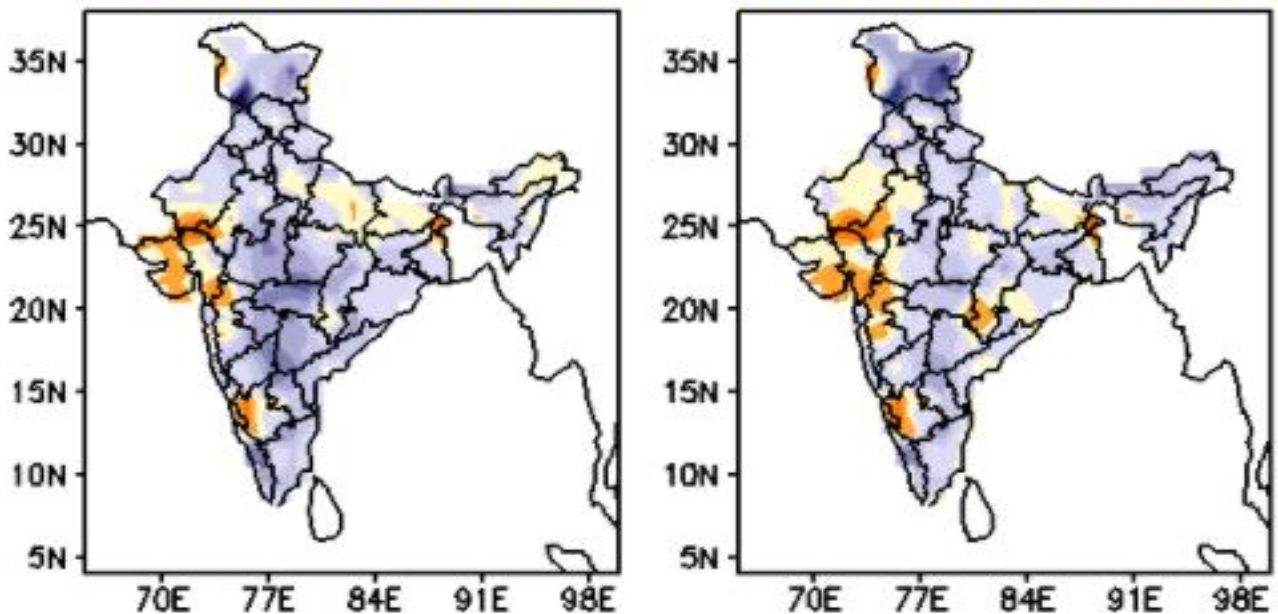
(Week2: 14May-20May)



MME forecast Tmin anomaly (Deg C)

(Week1: 07May-13May)

(Week2: 14May-20May)



(Weekly minimum temperature and its anomaly)

**For Director,
Meteorological Centre, Goa**