



Extended Range Forecast for Uttarakhand

Date: 07 March 2024

1. Observed condition during last week [For the week: (28 February – 06 March, 2024)]:

Rainfall:

The weekly average rainfall realised during the week = **63.2 mm**

The normal rainfall for the week = **15.0 mm**

The percentage departure from normal during the week = **+322 %**

Maximum Temperature (Tmax) and Minimum Temperature (Tmin):

■ In Hilly Areas (Around 2000 Meter):

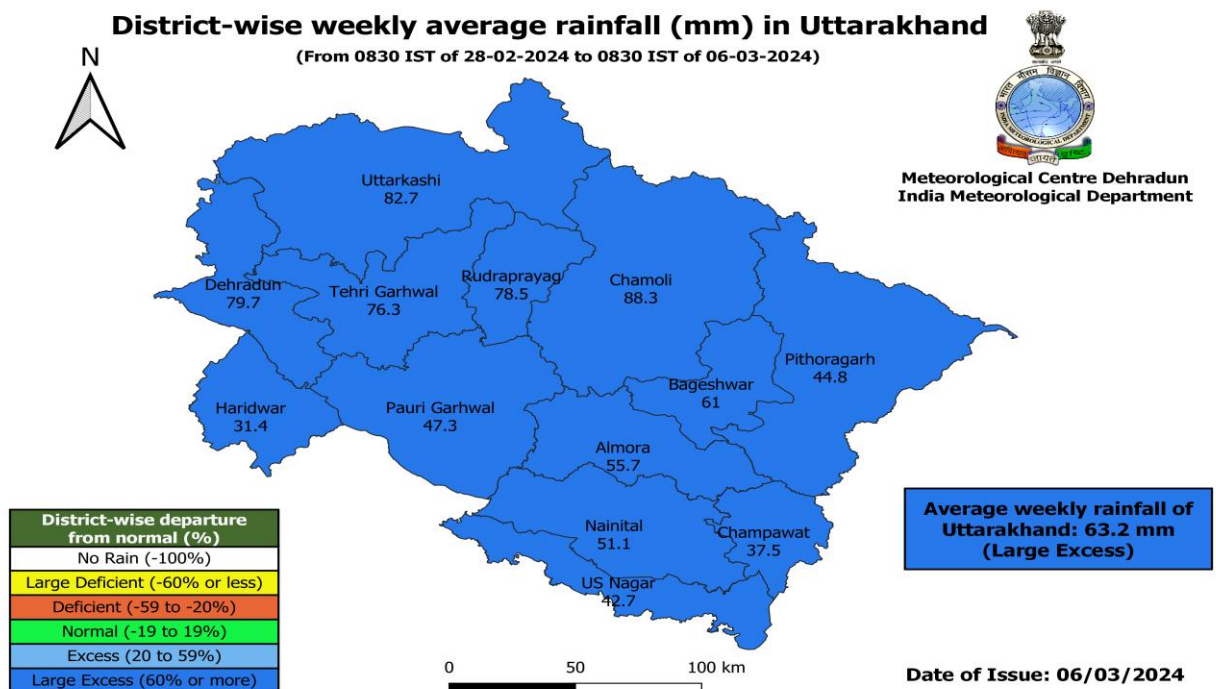
Weekly average maximum temperature = **14.8⁰C** with anomaly of **-1.6⁰C**

Weekly average minimum temperature = **5.6⁰C** with anomaly of **+0.1⁰C**

■ In Plain Areas:

Weekly average maximum temperature = **23.8⁰C** with anomaly of **-2.1⁰C**

Weekly average minimum temperature = **10.3⁰C** with anomaly of **-0.1⁰C**

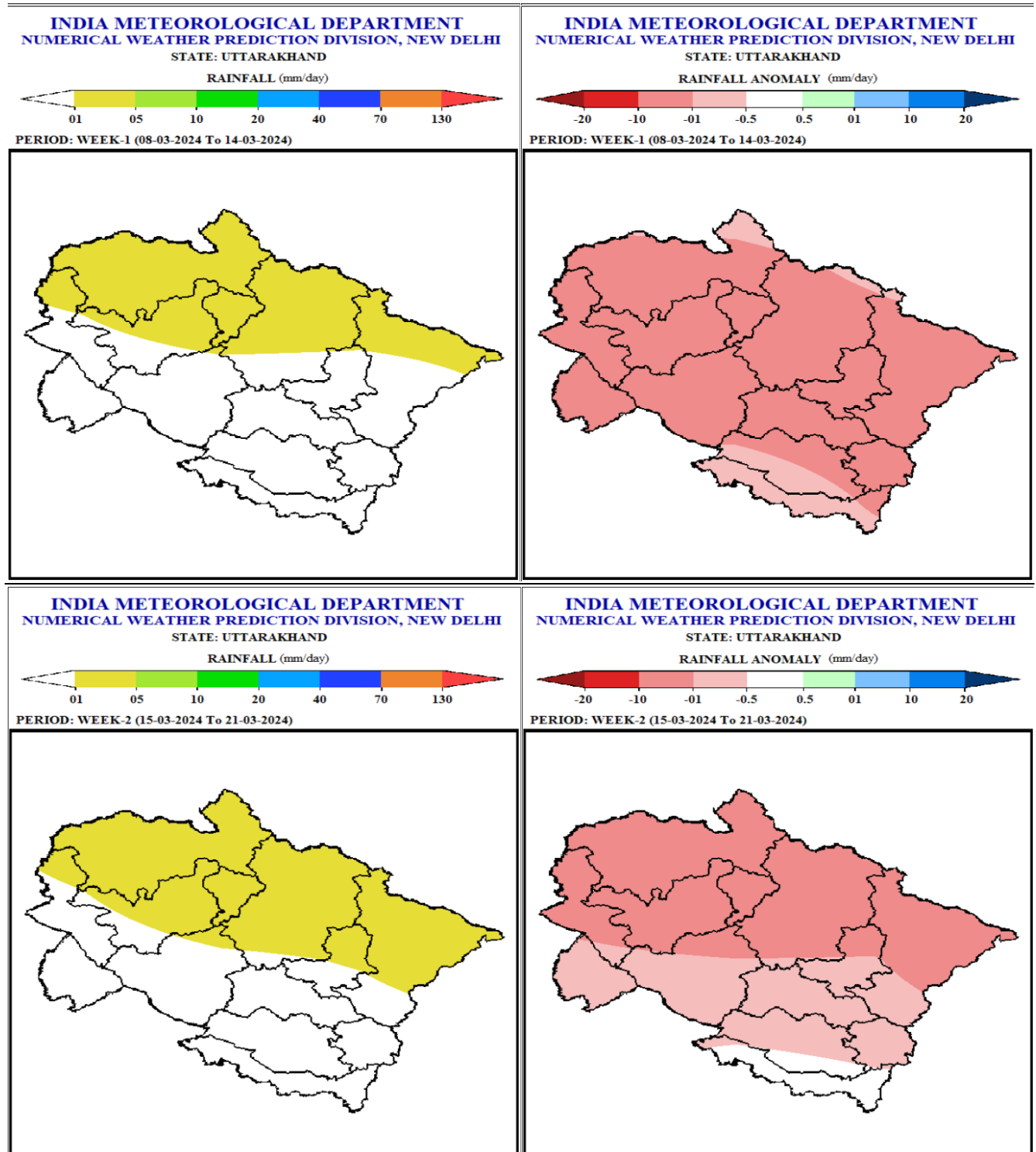


2. Forecasts for Category and Trend:

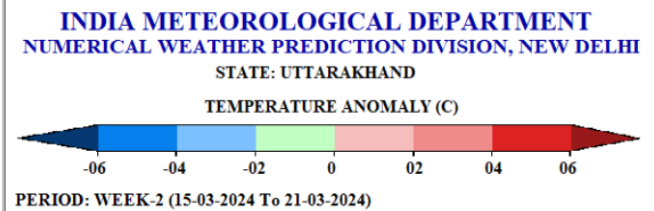
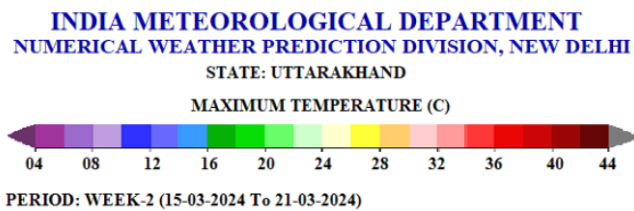
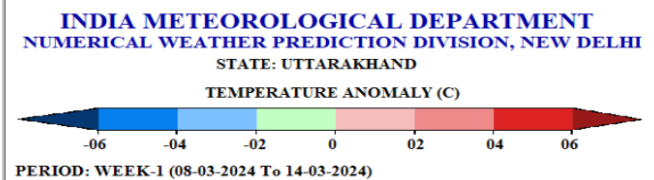
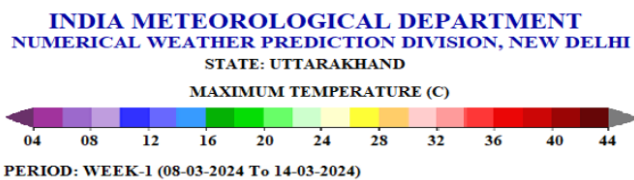
(Week 1: 08-14 March, 2024 & Week 2: 15-21 March, 2024)

	Rainfall	Tmax	Tmin
Week 1	Deficient	Normal	Below Normal
Week 2	Deficient	Normal	Normal

Forecast Charts for 08th March - 21st March, 2024



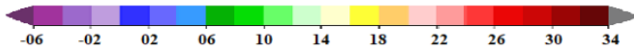
(Weekly Rainfall and its anomaly)



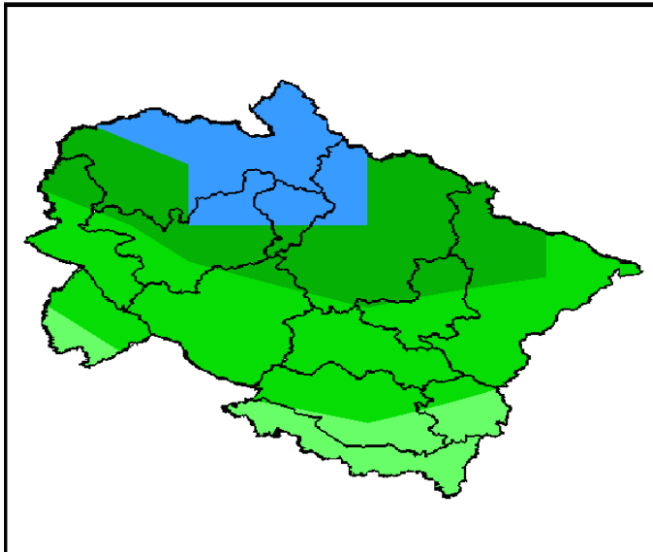
(Weekly maximum temperature and its anomaly)

INDIA METEOROLOGICAL DEPARTMENT
NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI
 STATE: UTTARAKHAND

MINIMUM TEMPERATURE (C)

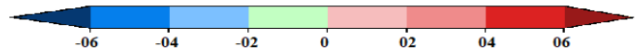


PERIOD: WEEK-1 (08-03-2024 To 14-03-2024)

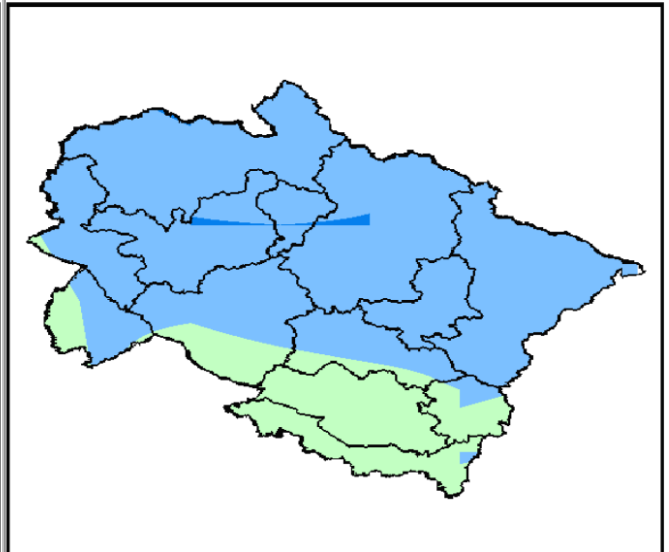


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TEMPERATURE ANOMALY (C)

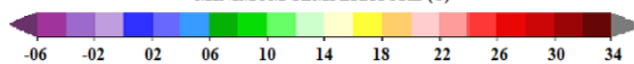


PERIOD: WEEK-1 (08-03-2024 To 14-03-2024)

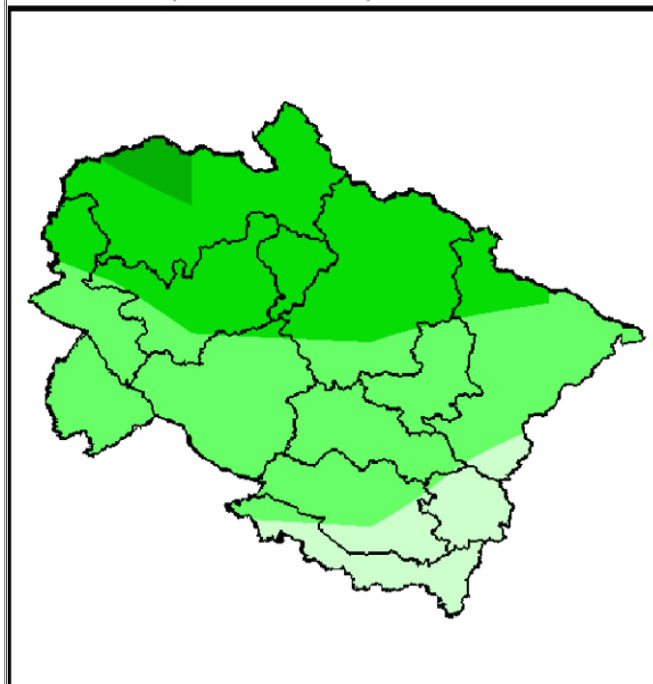


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MINIMUM TEMPERATURE (C)

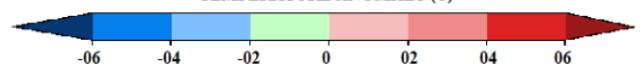


PERIOD: WEEK-2 (15-03-2024 To 21-03-2024)

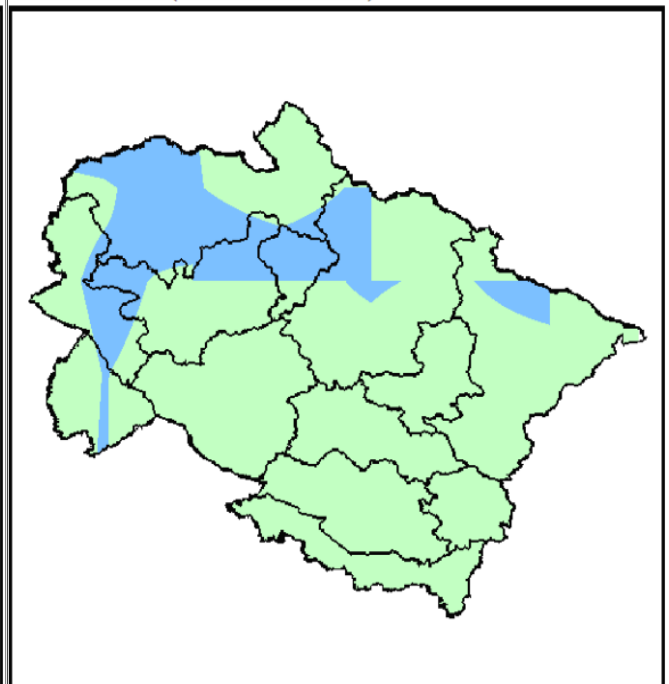


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TEMPERATURE ANOMALY (C)



PERIOD: WEEK-2 (15-03-2024 To 21-03-2024)



(Weekly minimum temperature and its anomaly)

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

Meteorological Centre
Dehradun