



Meteorological Centre, Bengaluru
India Meteorological Department
Ministry of Earth Sciences
Government of India

Dated: 17th August 2023

Current Weather Status and Outlook for next two weeks
(18th to 31st August 2023).

Chief Synoptic features during the week (10.08.2023 to 16.08.2023):

A trough ran from South Interior Karnataka to Comorin area across Interior Tamil Nadu at 0.9km above mean sea level on 11th, 12th and 14th to 16th.

Light to moderate Westerlies to Northwesterlies prevailed over the State in Lower Tropospheric Levels on 10th and 13th.

Under the influence of the above system, following were the realized Monsoon activity/Distribution.

DATE	Coastal Karnataka	North Interior Karnataka	South Interior Karnataka
	ACTIVITY/DISTRIBUTION	ACTIVITY/DISTRIBUTION	ACTIVITY/DISTRIBUTION
10.08.2023	Fairly Widespread /Weak	Isolated/Weak	Isolated/Weak
11.08.2023	Scattered/Weak	Isolated/Normal	Isolated/Weak
12.08.2023	Scattered/Weak	Isolated/Weak	Isolated/Weak
13.08.2023	Scattered/Weak	Isolated/Weak	Isolated/Weak
14.08.2023	Fairly Widespread /Weak	Isolated/Weak	Isolated/Weak
15.08.2023	Isolated/Weak	Isolated/Weak	Isolated/Weak
16.08.2023	Scattered/Weak	Isolated/Weak	Isolated/Weak

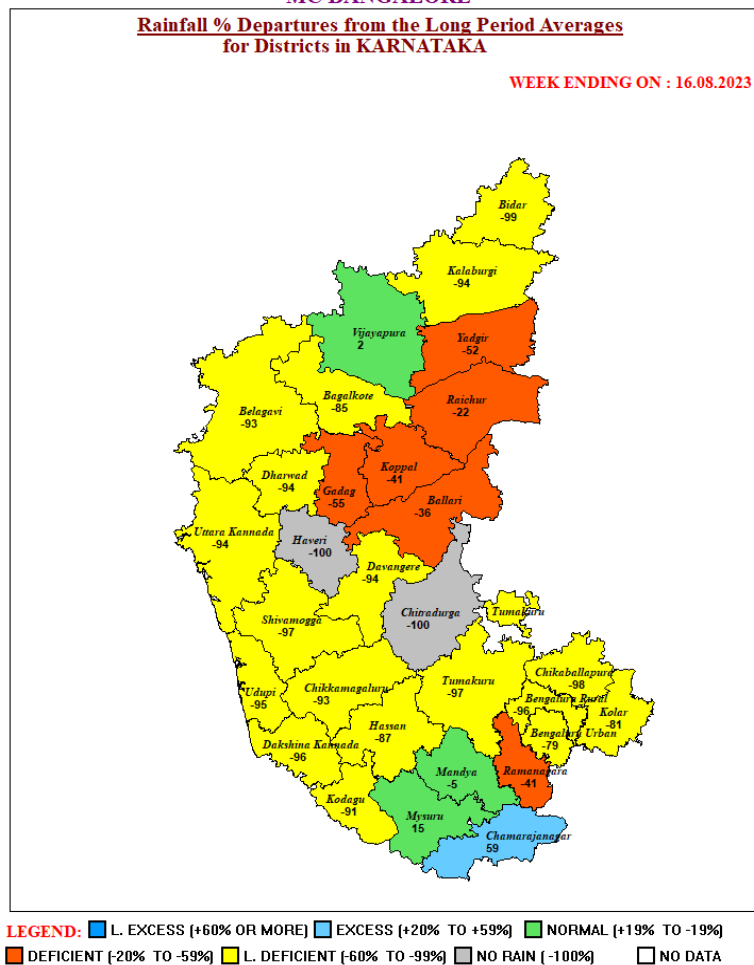
Rainfall amounts (7 cm & above) during the week: NIL

Weekly Rainfall Scenario (10.08.2023 to 16.08.2023)

During the week, State as a whole (-86%), Coastal Karnataka (-95%), North Interior Karnataka (-74%) and South Interior Karnataka (-82%) have received **Large deficient** rainfall each.

Sub-Divisions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
State as a whole	7.6	52.7	-86
Coastal Karnataka	11.1	216.2	-95
North Interior Karnataka	6.9	26.8	-74
South Interior Karnataka	7.4	42.2	-82

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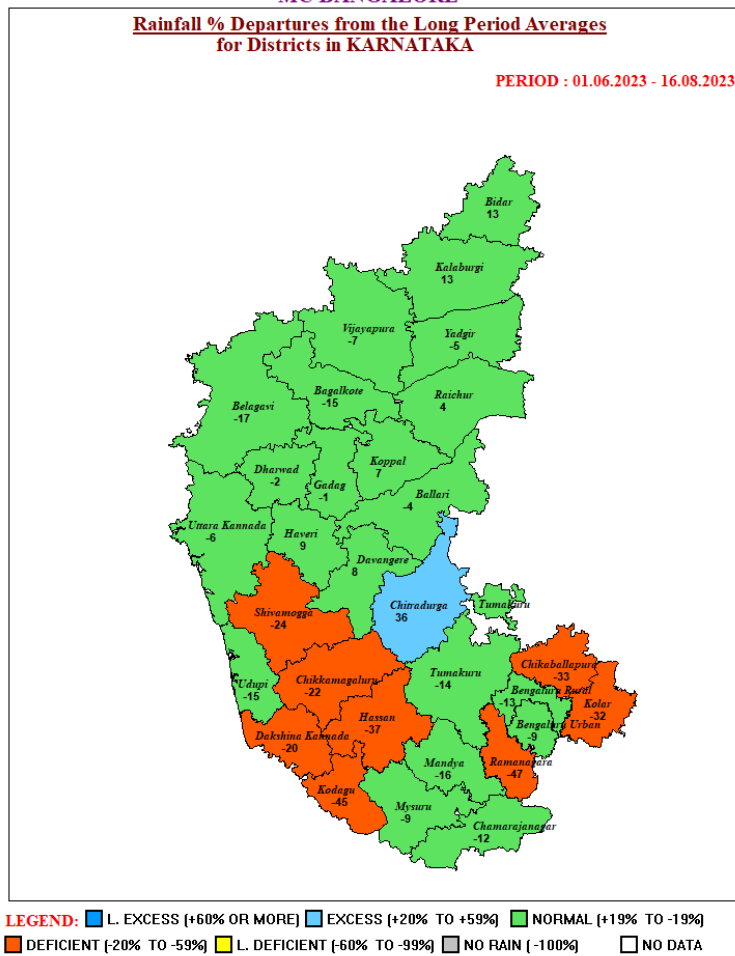
During the week, 01 district received **Excess** rainfall, 03 districts received **Normal** rainfall, 07 districts received **Large deficient** rainfall and 02 districts received **No rainfall** at all.

Seasonal Rainfall Scenario (01.06.2023 to 16.08.2023):

During the season, Karnataka State (-14%) as a whole, Coastal Karnataka(-12%) and North Interior Karnataka (-1%) have received **Normal** rainfall each. However South Interior Karnataka (-24%) received **deficient** rainfall.

Sub-Divisions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
State as a whole	496.1	580.2	-14
Coastal Karnataka	2166.7	2465.6	-12
North Interior Karnataka	282.2	285.9	-1
South Interior Karnataka	346.4	453.8	-24

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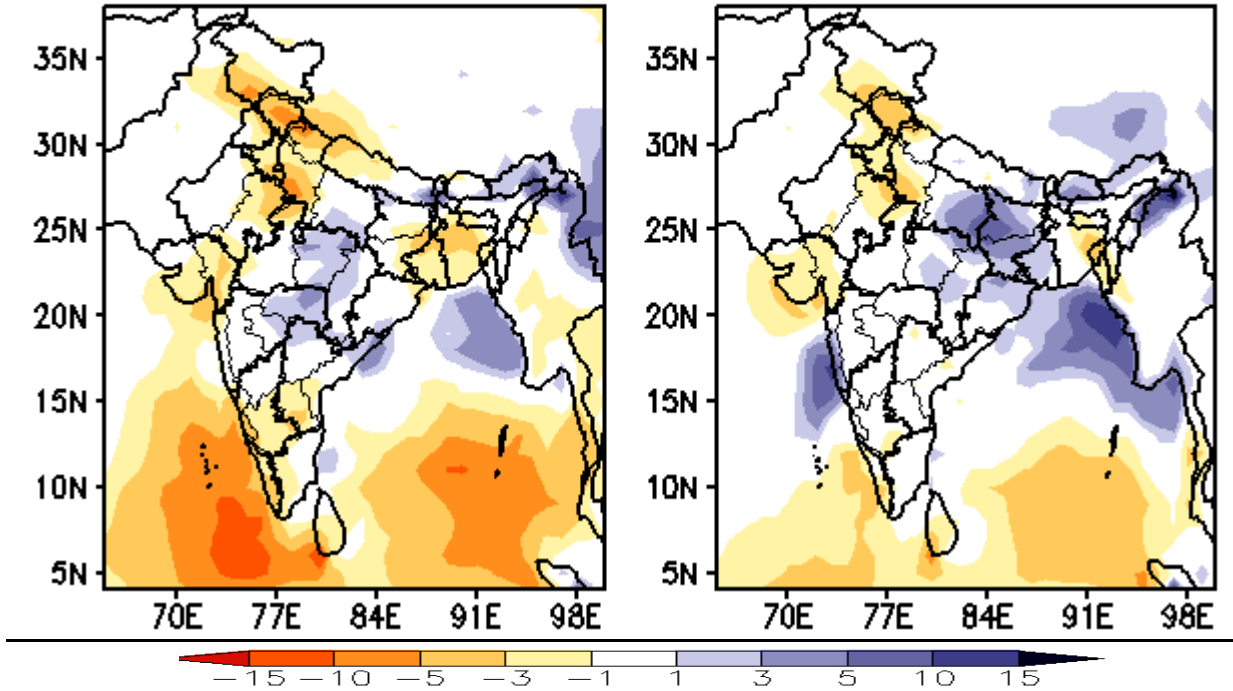
During the season, 01 district received **Excess** rainfall, 22 districts received **Normal** rainfall and 08 districts had received **deficient** rainfall.

Chief synoptic conditions on 17th August 2023:

Light to moderate Westerlies/Northwesterlies prevail over the State in Lower Tropospheric Levels.

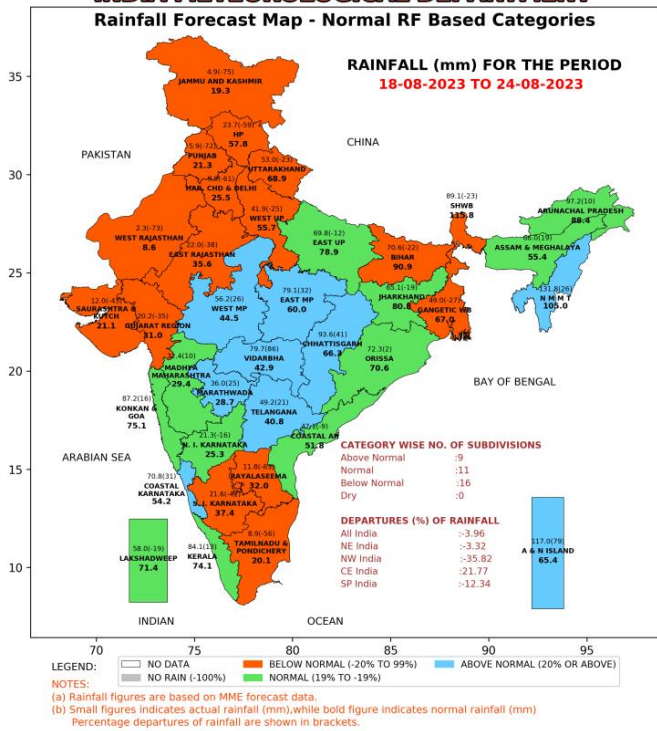
Forecast Rainfall Anomaly (mm/day)

(Week 1: 18Aug–24Aug) (Week 2: 25Aug–31Aug)



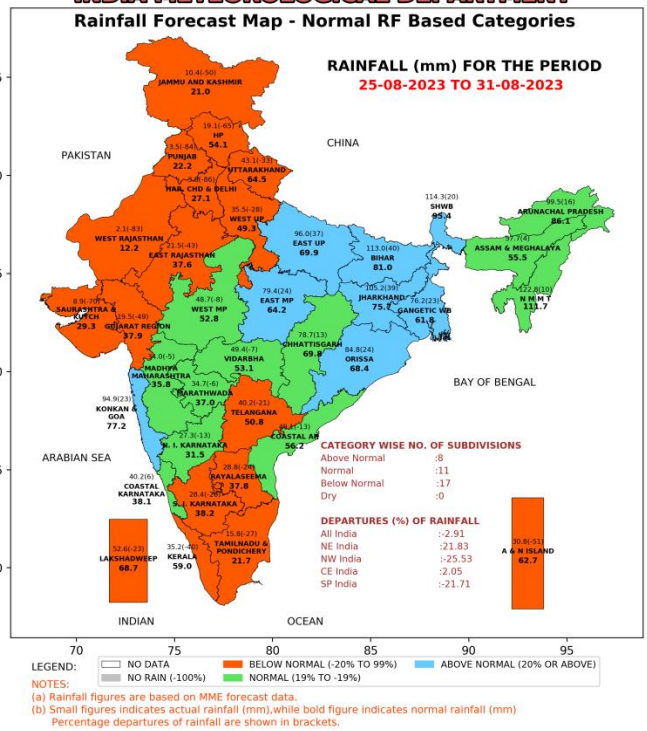
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Rainfall Forecast Map - Normal RF Based Categories



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Rainfall Forecast Map - Normal RF Based Categories



Rainfall anomaly during Week 1 (11th to 17th August 2023)

Rainfall anomaly is expected to be **below normal** over Coastal and South Interior Karnataka and remain neutral over North Interior Karnataka.

Rainfall anomaly during Week 2 (18th to 24th August 2023)

Rainfall anomaly is expected remain neutral over most parts of the State except for southern most part of South Interior Karnataka where it is likely to be slightly **below normal**.

A.Prasad
Scientist 'D'
Meteorological Centre, Bengaluru

Next bulletin will be issued on 24th August 2023 (Thursday)