



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

Dated: 16th September 2021

**Current Weather Status and Outlook for next two weeks
(17th to 30rd September 2021)**

Significant features:

The first Monsoon Depression during the Season formed over Northwest Bay of Bengal, became a Deep Depression, crossed north Odisha coast, close to south of Chandbali in the early morning of 13th September. It moved across Odisha & north Chhattisgarh, during 13th to 14th Sept., and weakened into a Well Marked Low Pressure Area over northeast Madhya Pradesh on 15th.

Chief Synoptic features during the week (09.09.2021 to 15.09.2021):

Light to moderate westerlies to southwesterlies prevailed over the State in the lower tropospheric levels on 9th , north westerlies prevailed on 11th ,12th ,13th ,14th ,15th .

A cyclonic circulation lay over east central Bay of Bengal & neighbourhood and extended upto 7.6 km above mean sea level on 10th , merged with Low Pressure Area on 11th .

A low Pressure Area formed over east central & adjoining northeast Bay of Bengal with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwards with height on 10^t ,persisted on 11th , became Well Marked Low Pressure Area over northwest & adjoining west central Bay of Bengal with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwards with height on 12th , intensified into a Depression and then into a Deep Depression over north coastal Odisha and moved further westnorthwestwards and lay centred over north coastal Odisha on 13th , moved further west northwestwards and weakened into a Depression and lay centred over north Chhattisgarh & Madhya Pradesh; adjoining north interior Odisha on 14th , weakened into a well marked low pressure area over northeast Madhya Pradesh & neighbourhood with the associated cyclonic circulation extends upto 5.8 km above mean sea level on 15th .

Under the influence of the above systems,

Over Coastal Karnataka, Southwest monsoon was active on 09th 10th,11th; normal on 12th. 13th, 14th and 15th September 2021. Rainfall occurred at most places throughout the week.

Over North Interior Karnataka, Southwest monsoon was normal on 12th,13th,14th September 2021; was weak on rest of the week. Rainfall occurred at most places on 14th; at many places on 12th, 13th ; at a few places on the rest of the week.

Over South Interior Karnataka, Southwest monsoon was active on 12th, 13th; normal on 09th,14th September 2021; weak on rest of the week. Rainfall occurred at many places on 12th,13th September 2021; at a few places on rest of the week.

Heavy Rainfall amounts in cms (09.09.2021 to 15.09.2021)

09.09.2021: Hosanagar (Shivamogga dt) 17; Kottigehara (Chikkamagaluru dt) 10; Kollur (Udupi dt), Kunigal (Tumakuru dt), Kollegal (Chamarajanagar dt) 9 each; Huliurdurga (Tumakuru dt) 8.

10.09.2021: Hosanagar (Shivamogga dt) 12.

11.09.2021: Hosanagar (Shivamogga dt) 10; Castle Rock (Uttara Kannada dt) 9; Kollur (Udupi dt) 7.

12.09.2021: Hosanagar (Shivamogga dt) 18; Agumbe(Shivamogga dt) 12; Castle Rock (Uttara Kannada dt) 11; Bhagamandala, Ponnampet (both Kodagu dt) , Tumri (Shivamogga dt) 9 each; Kollur , Siddapura, Siddapura ARG (all Udupi dt), Dharmasthala (Dakshina Kannada dt), Agarahara Konanduru (Shivamogga dt), Kottigehara (Chikkamagaluru dt) 7 each.

13.09.2021: Hosanagar (Shivamogga dt) 18; Castle Rock, Manki (both Uttara Kannada dt) , Tumri (Shivamogga dt) 11 each; Honavar Obsy (Uttara Kannada dt), Kollur (Udupi dt), Linganamakki HMS (Shivamogga dt), Kottigehara (Chikkamagaluru dt) 8 each; Siddapura ARG (Udupi dt), Siddapur (Uttara Kannada dt), Agumbe (Shivamogga dt) , Bhagamandala, Santhahalli (both Kodagu dt) 7 each.

14.09.2021 Hosanagar (Shivamogga dt) 17; Tumri (Shivamogga dt) 10; Kollur (Udupi dt), Santhahalli (Kodagu dt) 9 each; Siddapur, Siddapura ARG (Udupi dt), Castle Rock (Uttara Kannada dt) 8 each; Gersoppa, Kadra (both Uttara Kannada dt) 7 each.

15.09.2021: Nil

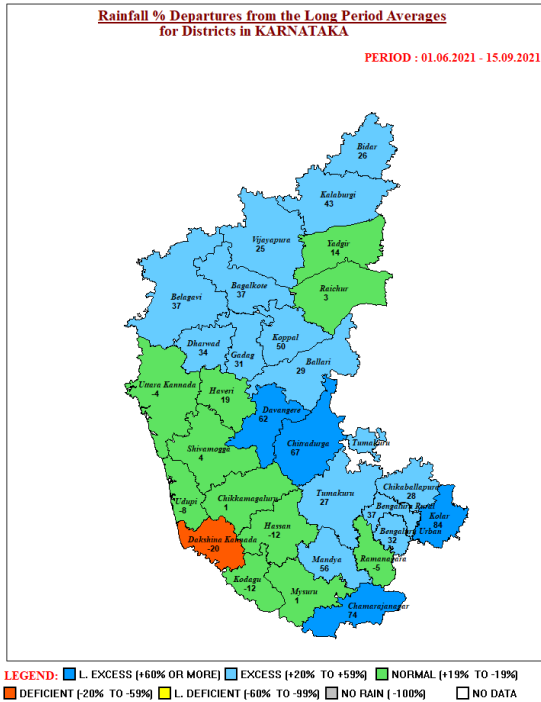
Weekly Rainfall Scenario (09.09.2021 to 15.09.2021):-

During the week, Karnataka State as a whole received **normal** rainfall (**14%**). Coastal Karnataka received **above normal** rainfall (**130%**), South Interior Karnataka received **normal** rainfall (**09%**) North Interior Karnataka received **below normal** rainfall (**-45%**).

Sub-Divisions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
State as a whole	37.0	32.3	14
Coastal Karnataka	155.1	67.4	130
North Interior Karnataka	15.2	27.4	-45
South Interior Karnataka	31.9	29.4	09

Legend: ■ Above Normal (+20% or more) ■ Normal (+19% to -19%) ■ Below Normal (-20% to -99%)

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During the season, 04 districts received large excess rainfall, 14 districts received excess rainfall, 11 districts received normal rainfall and 01 districts received deficient rainfall.

Chief Synoptic conditions as on 15th August 2021:-

The well marked Low Pressure Area over northeast Madhya Pradesh & neighbourhood now lies over central parts of north Madhya Pradesh and neighborhood. The associated cyclonic circulation extends upto 5.8 km above mean sea level. It is very likely to move west north- westwards during next 48 hours and weaken gradually.

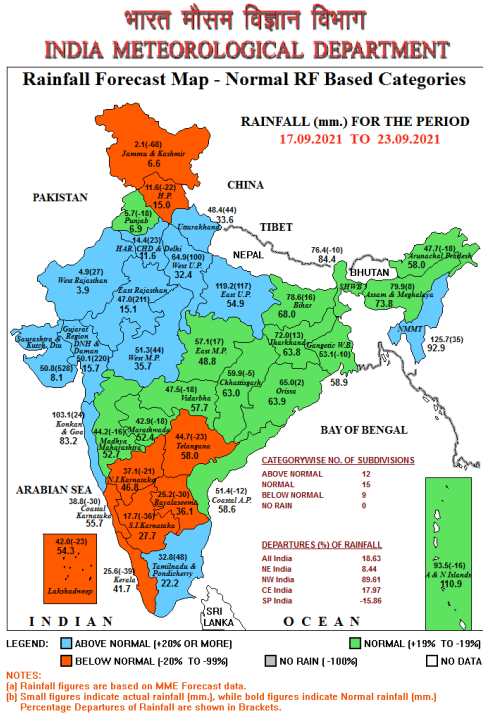
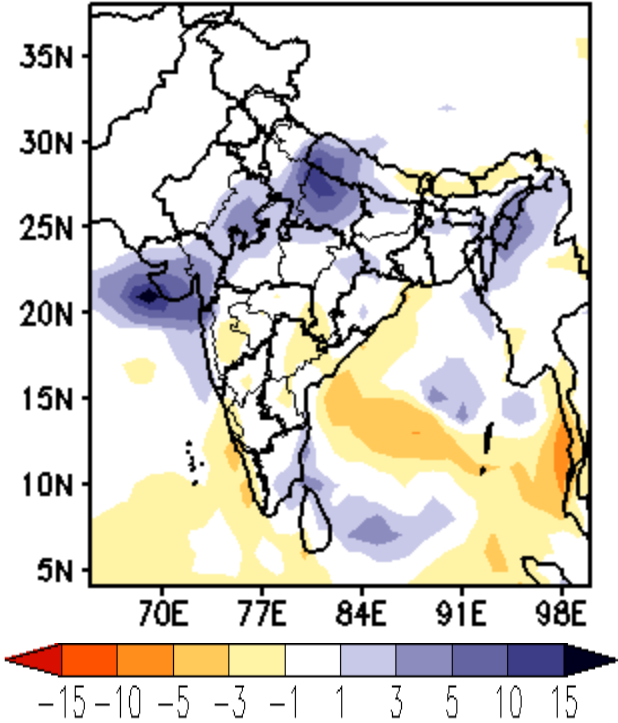
Light to moderate westerlies to southwesterlies prevailed over the State in the lower tropospheric levels

Rainfall Forecast for week 1: (17th to 23rd September 2021):-

Rainfall anomaly is negative over Coastal Karnataka and is slightly negative over Interior Karnataka.

Below normal rainfall is expected over the state.

(Week 1: 17Sep-23Sep)



Rainfall Forecast for week 2: (24th to 30th September 2021): -

Rainfall anomaly is slightly negative over Coastal Karnataka & North Interior Karnataka; and is negative over South Interior Karnataka.

Above Normal rainfall is expected over North Interior Karnataka; **Normal** rainfall is expected over Coastal Karnataka and **below normal** rainfall is expected over South Interior Karnataka

