



**India Meteorological Department  
(Ministry of Earth Sciences)**

**NATIONAL BULLETIN NO. 8 (Land/04/2025)**

**TIME OF ISSUE: 1210 HOURS IST**

**DATED: 08.09.2025**

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**Subject: Deep Depression over southeast Pakistan and adjoining Rajasthan and Kutch**

The deep depression over Southeast Pakistan and adjoining Rajasthan & Kutch moved slowly northwestwards with the speed of 8 kmph during past 6 hours and lay centred at 0830 hrs IST of today, the 08th September, 2025, over the same region, near latitude 25.0°N and longitude 70.5°E, about 90 km southeast of Chhor (Pakistan), 120 km southwest of Barmer (Rajasthan), 170 Km northwest of Radhanpur (Gujarat), 190 km west-northwest of Jaisalmer (Rajasthan), and 210 km north-northeast of Bhuj (Gujarat).

It is very likely to move nearly northwestwards as a deep depression across southeast Pakistan and adjoining Rajasthan till 8<sup>th</sup> afternoon. Thereafter, it is likely to move nearly westwards and weaken gradually into a depression.

**Warnings:**

**(i) Rainfall Warning:**

**North Gujarat Region and Saurashtra & Kutch:** Light to moderate rainfall at most places with **heavy to very heavy rainfall (7-20 cm)** at a few places over North Gujarat Region and Saurashtra & Kutch and **extremely heavy falls (≥21 cm)** at isolated places over Kutch is very likely on 8<sup>th</sup> September. **Heavy rainfall at isolated places** is likely over the region on 9<sup>th</sup> September.

**South Gujarat Region:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 8<sup>th</sup> September.

**West Rajasthan:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely over southwest Rajasthan on 08<sup>th</sup> and heavy rainfall at isolated places on 9<sup>th</sup> September.

**East Rajasthan:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely over southeast Rajasthan adjoining to southwest Rajasthan on 08<sup>th</sup> September.

**(ii) Wind Warnings:**

- Squally weather with wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over northeast & adjoining eastcentral Arabian Sea and along & off Gujarat and North Konkan coasts till 9<sup>th</sup> September 2025 and decrease thereafter.
- Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely over southwest Rajasthan and Gujarat state on 8<sup>th</sup> September and decrease thereafter.

**(iii) Sea condition:** Sea condition is likely to be rough to very rough over northeast and adjoining eastcentral Arabian Sea and along & off Gujarat and North Konkan coasts till 9<sup>th</sup> September 2025.

**(iv) Warning:**

- Fishermen are advised not to venture into northeast and adjoining eastcentral Arabian Sea and along & off Gujarat and North Konkan coasts till 9<sup>th</sup> September 2025.
- Small ships/shipping activities are to be monitored and regulated till 9<sup>th</sup> September 2025.
- Judicious regulation of tourism, recreational and onshore/off shore operations till 9<sup>th</sup> September.

**(v) Impact Expected and Action Suggested due to very heavy/extremely heavy rainfall and squally winds over south Rajasthan and Gujarat state**

**Impact expected:**

- ❖ Heavy rainfall may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to heavy rain.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- ❖ Road and rail traffic may be affected due to heavy rain.
- ❖ There could be localised landslides, mudslides, landslips in the hilly areas and water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Helicopter services may get affected.

**Action suggested:**

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Helicopter services to be regulated.
- ❖ Avoid moving into vulnerable areas, as the surface transport and vehicular movement may be affected due to rain and wind

**Significant amount of rainfalls accumulated during 24 hours recorded at 0830 hours IST of today, the 8<sup>th</sup> September, 2025 at different stations is given in Annexure-1**

**Next bulletin will be issued at 1430 hrs IST of today, the 08<sup>th</sup> September, 2025.**

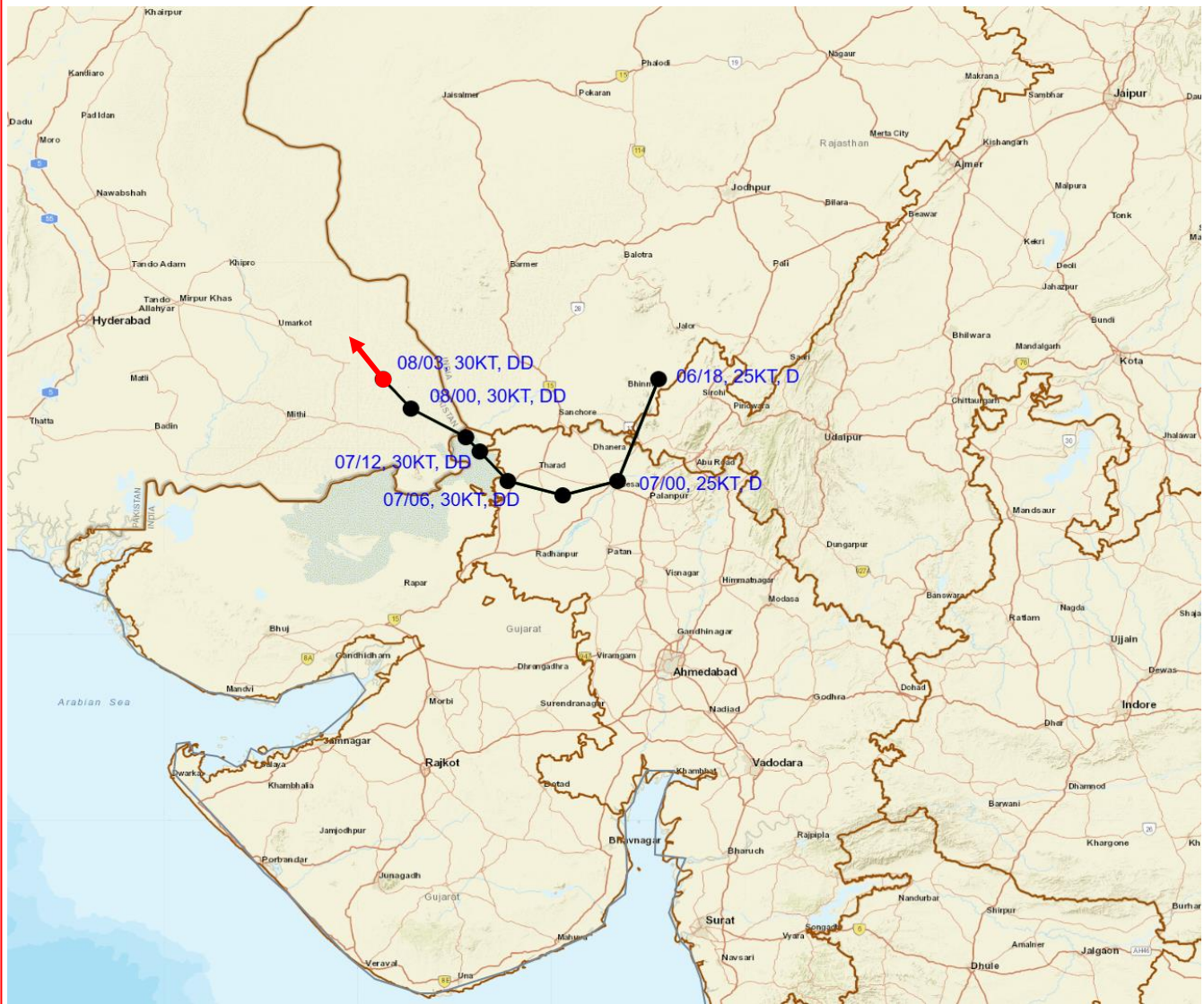
**(Ananda Kumar Das)**

**Scientist-F, IMD, New Delhi**

*Copy to: Regional Meteorological Centres- Mumbai, Meteorological Centres Ahmedabad, Jaipur.*



**OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION OVER  
SOUTHEAST PAKISTAN AND ADJOINING RAJASTHAN AND KUTCH BASED  
ON 0300 UTC (0830 IST) OF 08<sup>th</sup> SEP, 2025.**



**DATE/TIME IN UTC**  
**IST=UTC + 0530**  
**L: LOW PRESSURE AREA**  
**WML: WELL MARKED LOW PRESSURE AREA**  
**D: DEPRESSION (17-27 KT)**  
**DD: DEEP DEPRESSION (28-33 KT)**  
**CS: CYCLONIC STORM (34-47 KT)**  
**SCS: SEVERE CYCLONIC STORM (48-63KT)**  
**VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)**  
**ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)**  
**SuCS: SUPER CYCLONIC STORM (≥ 120 KT)**

**● LESS THAN 34 KT**  
**⬮ 34-47 KT**  
**⬮ ≥ 48 KT**  
**— OBSERVED TRACK**  
**— FORECAST TRACK**  
**▲ CONE OF UNCERTAINTY**



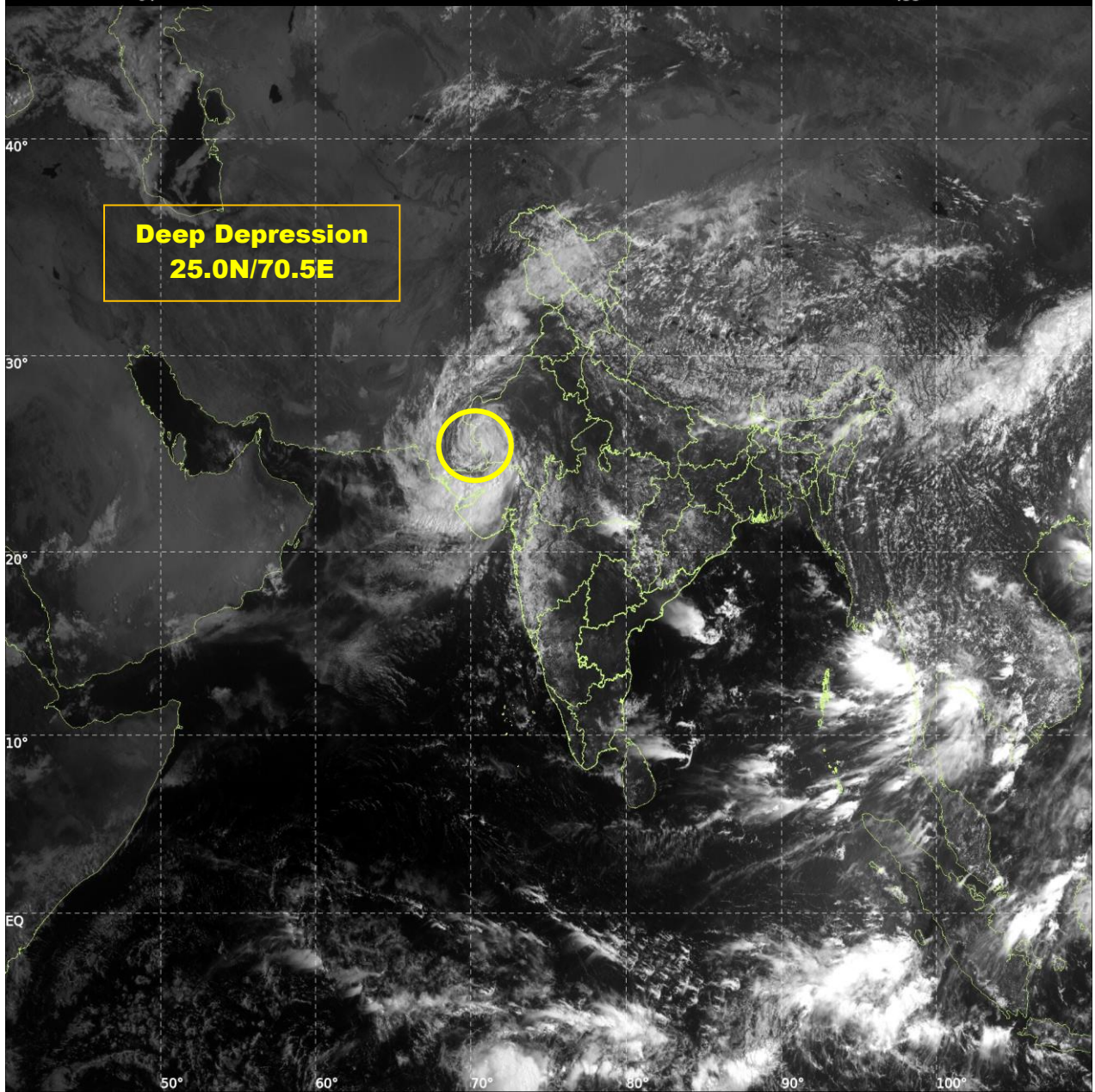


INSAT-3DS IMG, Visible Count @ 0.65  $\mu\text{m}$   
GMT:08-09-2025/(0430-0457) IST:08-09-2025/(1000-1027)  
LIC MERCATOR (LINEAR STRETCH: 0.5%)

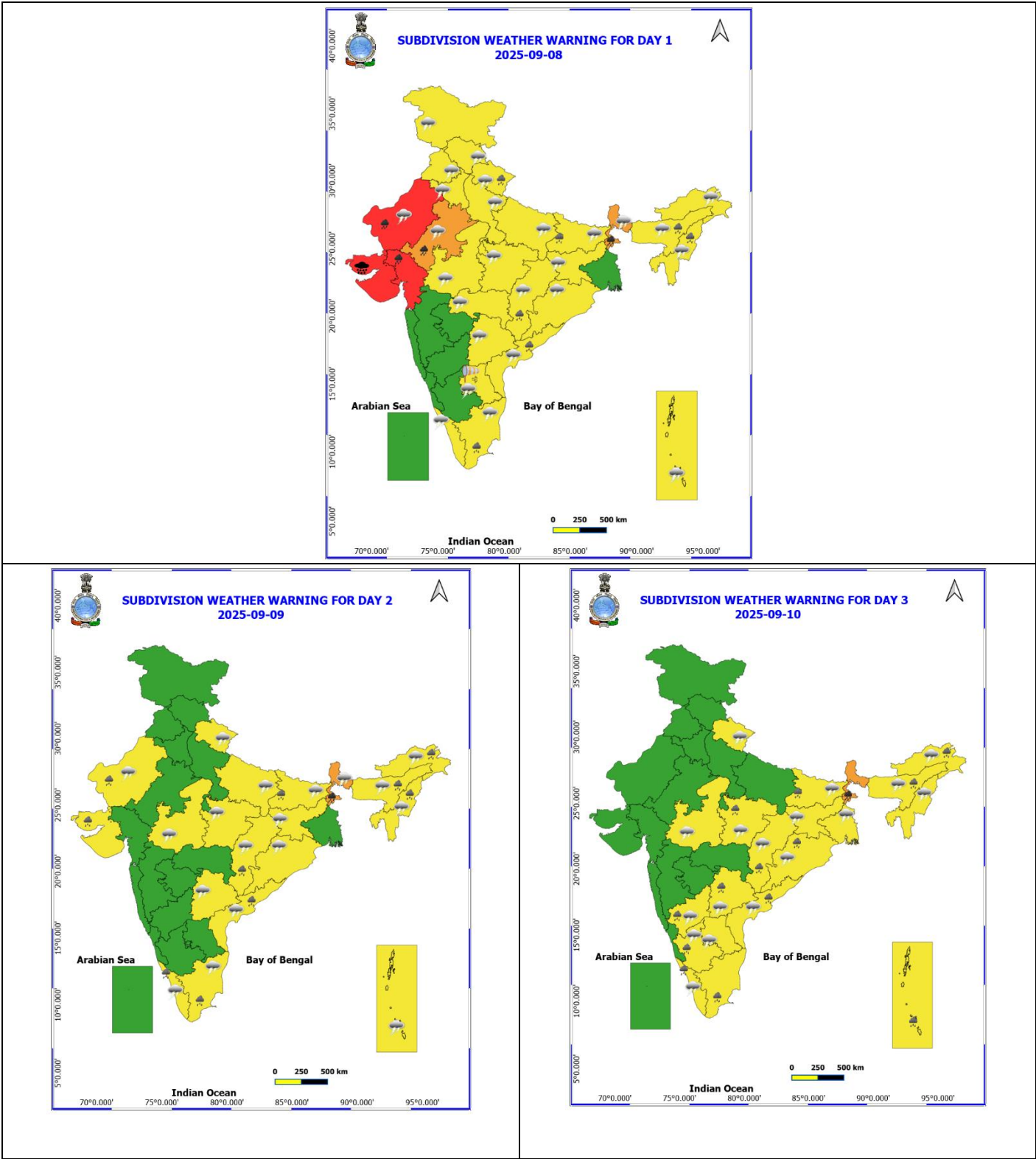
64

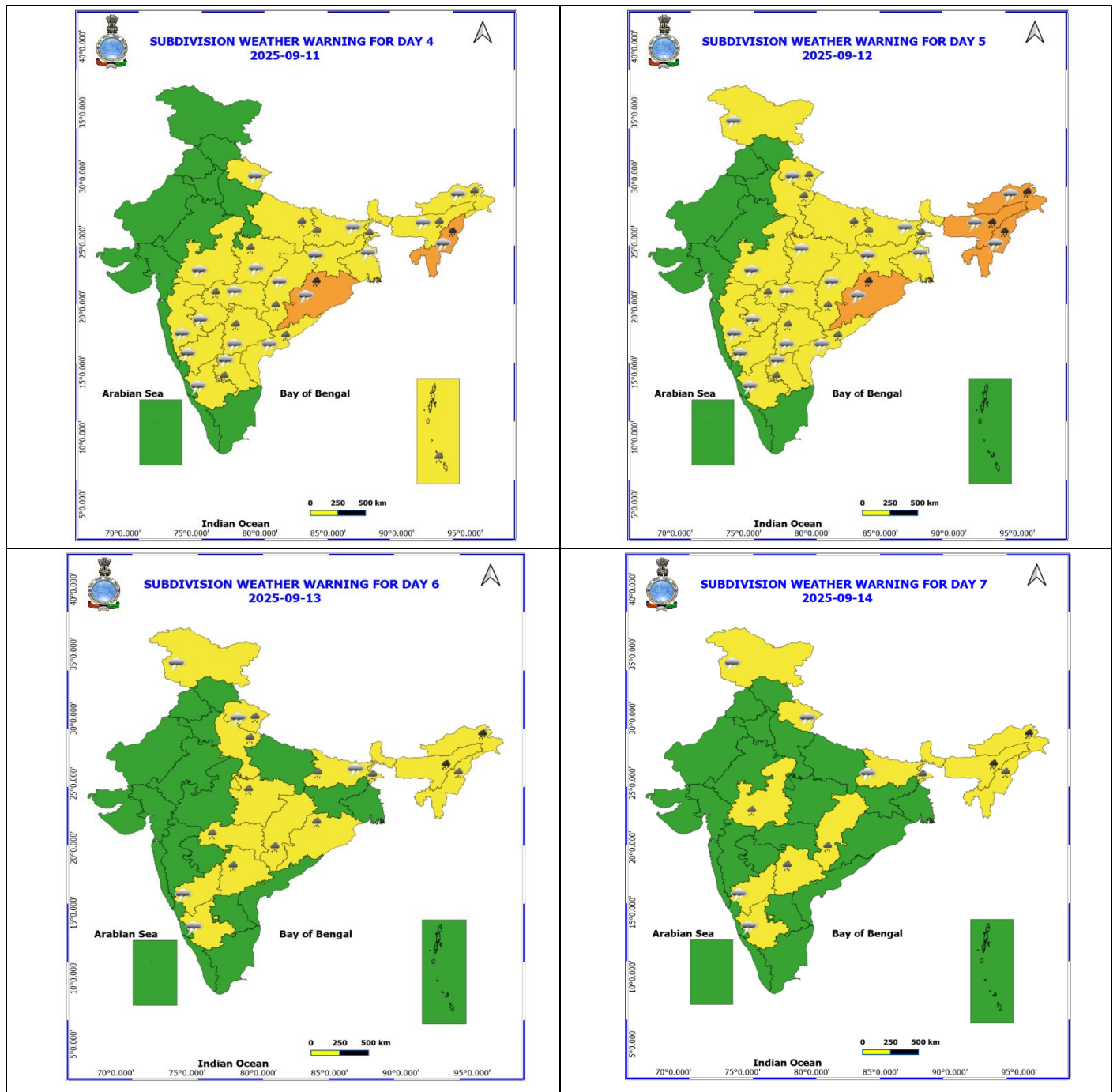
435

**Deep Depression**  
**25.0N/70.5E**



Weather Warning Graphics





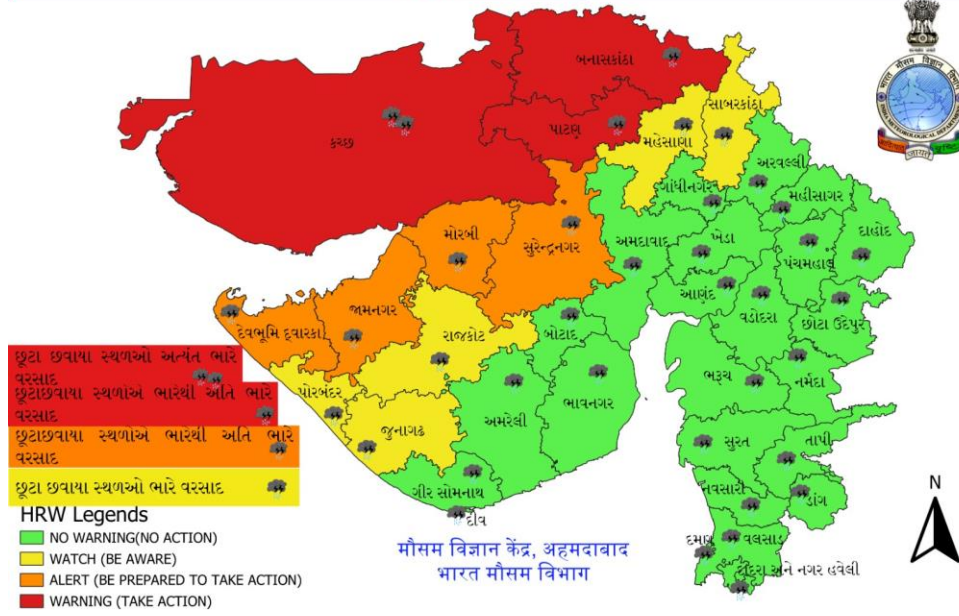
- Action may be taken based on **ORANGE AND RED** COLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

No Warning	Watch	Alert	Warning	Heavy Rain
Very Heavy Rain	Extremely Heavy Rain	Heavy Snow	Thunderstorm & Lightning	Hailstorm
Dust Storm	Dust Raising Winds	Strong Surface Winds	Heat Wave	Hot Day
Hot and Humid	Warm Night	Cold Wave	Cold Day	Ground Frost
Fog				

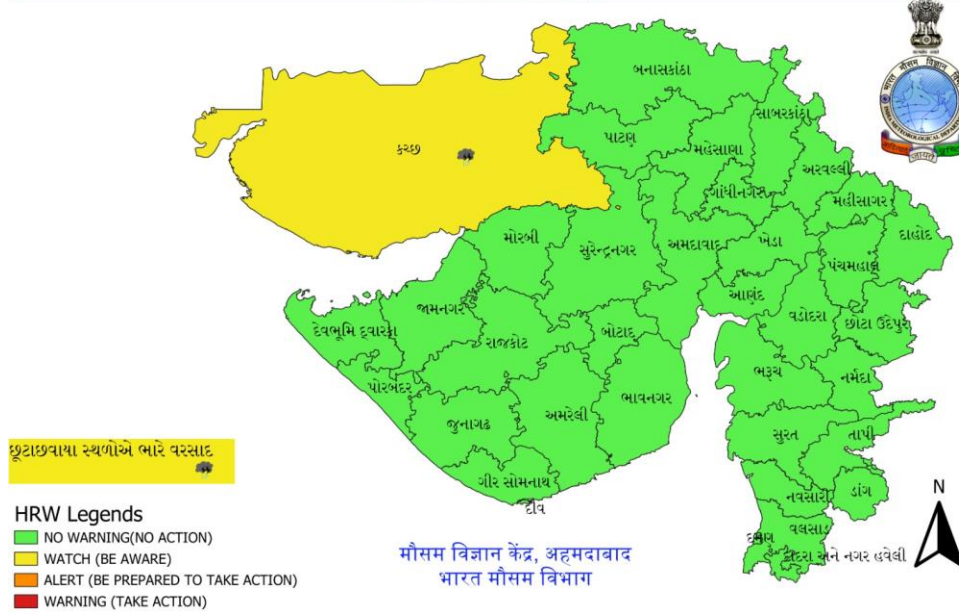


## District-wise Rainfall Warning Graphics for Gujarat State

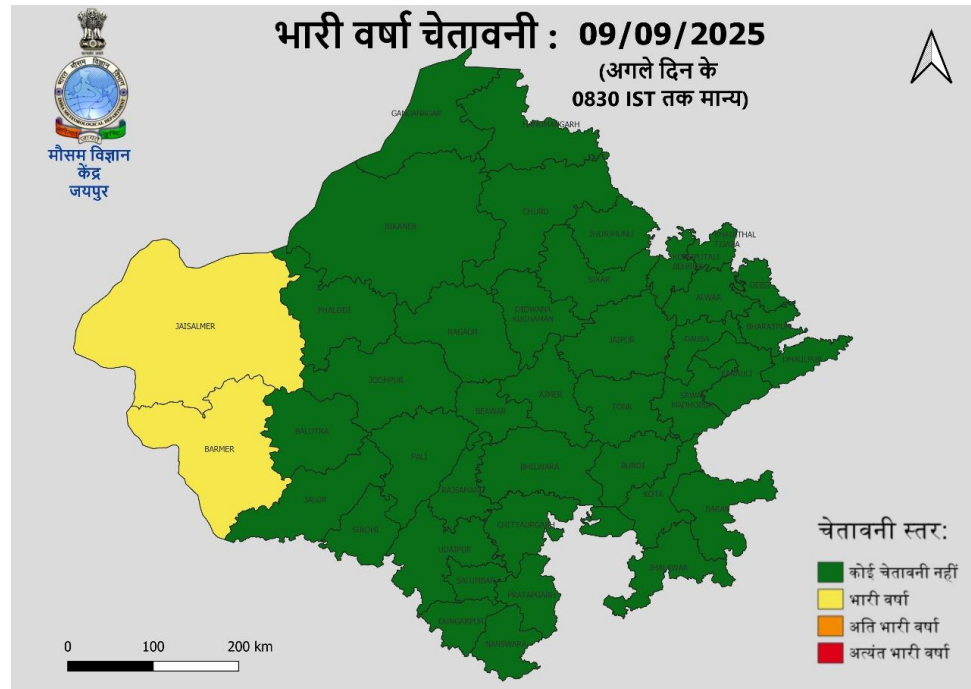
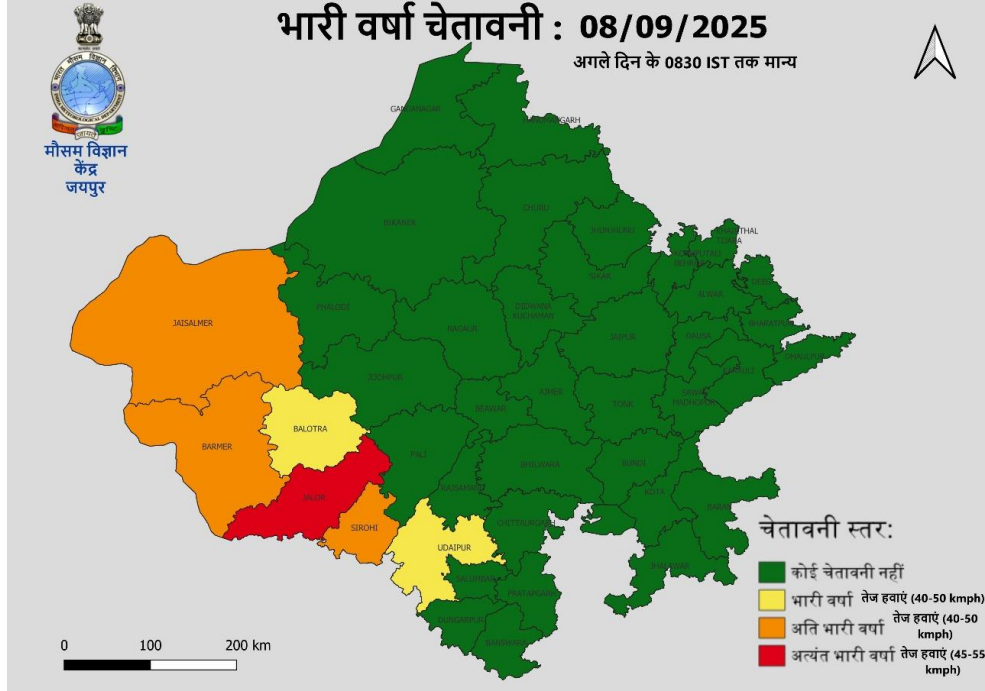
દિવસ - 1 ગુજરાત રાજ્ય અને દીવ, દમણ, દાદરા નગર હવેલી ની 08-09-2025 માટે  
' ભારે વરસાદ ની ચેતવણી '



દિવસ - 2 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 09-09-2025 માટે  
' ભારે વરસાદ ની ચેતવણી '



## District-wise Rainfall Warning Graphics for Rajasthan State





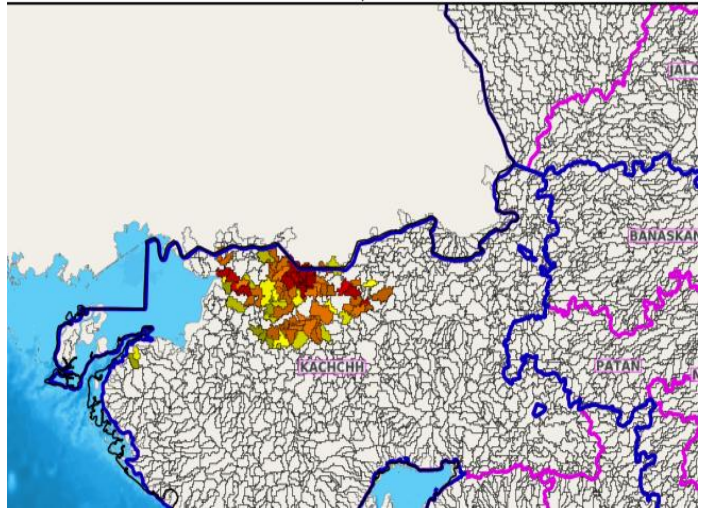
## Flash Flood Guidance

Persistent Flash Flood Threat (PFFT) till 1130 IST of 08-09-2025 :

**Moderate flash flood threat** likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 6 hours.

**Saurashtra & Kutch** - Kachchh district.

Product: NCUM FFFT | Timescale: 06-hr | Region: "REGIONAL"  
Product Date: 2025-09-08 00:00 UTC | Valid Date: 2025-09-08 06:00 UTC



24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 09-09-2025:  
**Moderate flash flood risk** likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

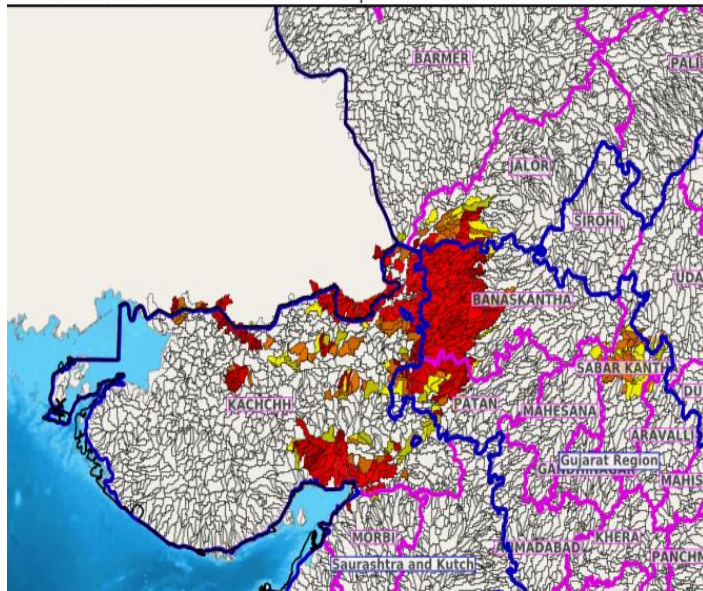
**West Rajasthan** - Barmer and Jalor districts.

**Gujarat Region** - Banaskantha, Patan and Sabar Kantha districts.

**Saurashtra & Kutch** - Kachchh district.

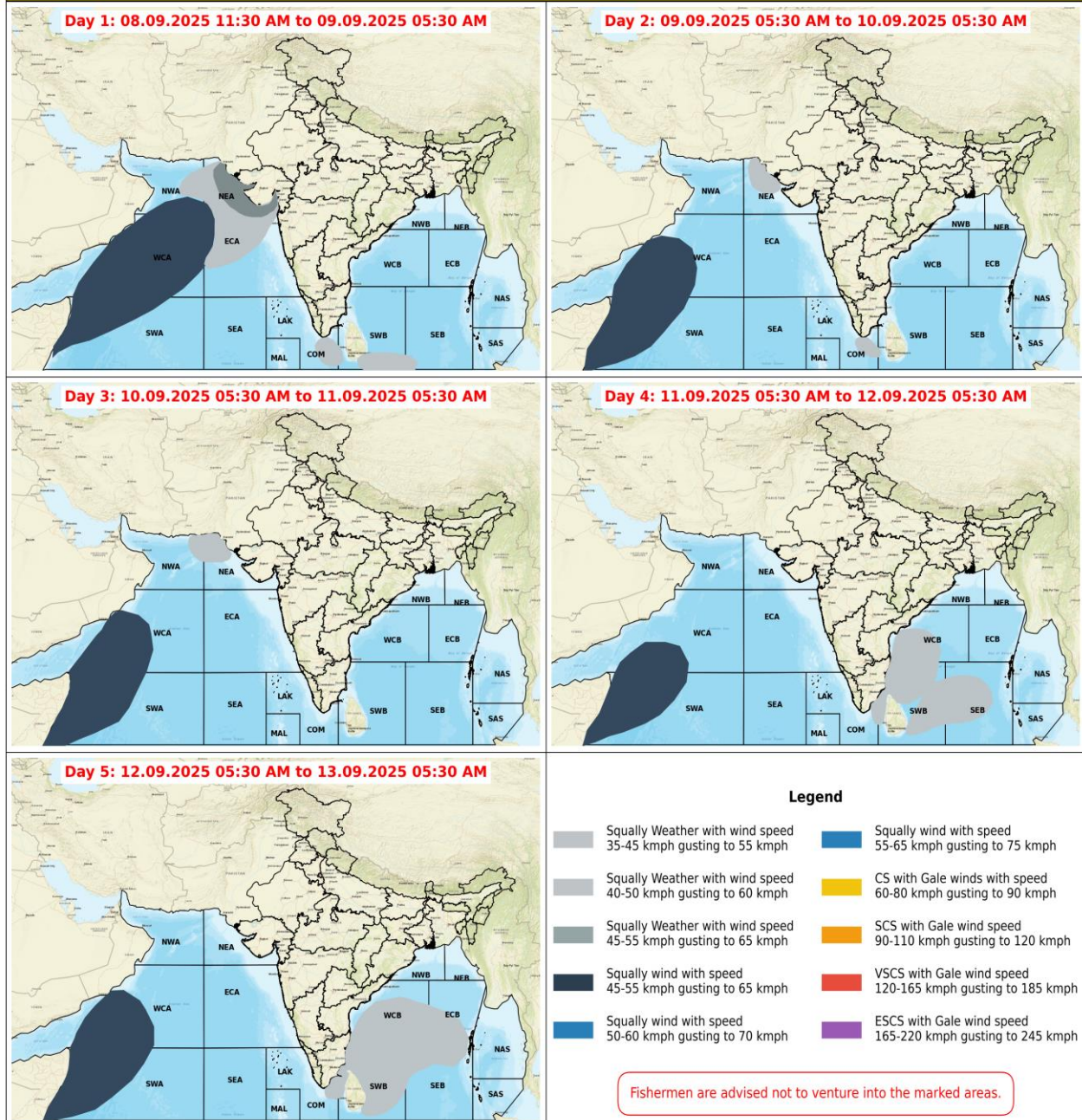
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

Product: WRF FFR | Timescale: 24-hr | Region: "REGIONAL"  
Product Date: 2025-09-08 00:00 UTC | Valid Date: 2025-09-09 00:00 UTC



Flash Flood Threat	Flash Flood Risk
<span style="display: inline-block; width: 20px; height: 10px; background-color: red; border: 1px solid black;"></span> <b>High Threat (Take Action)</b>	<span style="display: inline-block; width: 20px; height: 10px; background-color: red; border: 1px solid black;"></span> <b>High Risk (Take Action)</b>
<span style="display: inline-block; width: 20px; height: 10px; background-color: orange; border: 1px solid black;"></span> <b>Moderate threat (Be Prepared)</b>	<span style="display: inline-block; width: 20px; height: 10px; background-color: orange; border: 1px solid black;"></span> <b>Moderate Risk (Be Prepared)</b>
<span style="display: inline-block; width: 20px; height: 10px; background-color: yellow; border: 1px solid black;"></span> <b>Low Threat (Be Updated)</b>	<span style="display: inline-block; width: 20px; height: 10px; background-color: yellow; border: 1px solid black;"></span> <b>Low Risk (Be Updated)</b>

## Fishermen Warning Graphics



## ***Annexure -1***

**Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 08th September:**

**Gujarat Region:** Suigam (Banaskantha) 40, Bhabhar (Banaskantha) 35, Wav (Banaskantha) 30, Tharad (Banaskantha) 29, Santalpur (Patan) 20, Radhanpur (Patan) 19, Deodar (Banaskantha) 14, Kaprada (Valsad) 11, Dahegam (Gandhinagar) 10, Valsad (Valsad) 9, Valod (Tapi) 9, Dharampur (Valsad) 8, Silvassa (Dadara & Nagar Haveli) 8, Khergam (Navsari) 8, Madhbun (Dadara & Nagar Haveli) 8, Idar (Sabarkantha) 8, Lakhani (Banaskantha) 7, Vyara (Tapi) 7, Talod (Sabarkantha) 7, Vyara\_aws (Tapi) 7, Vapi (Valsad) 7;

**Saurashtra & Kutch:** Rapar (Kutch) 36, Bachau\_aws (Kutch) 14, Malia\_miana (Morbi) 12, Kandla Airport (Kutch) 10, Gandhidham (Kutch) 10, Anjar (Kutch) 9, Bhuj (Kutch) 9, Lakhpat (Kutch) 8, Bhachau (Kutch) 8, Nakhatrana (Kutch) 8, Kandla New (Kutch) 8;

**East Rajasthan:** Mounntabu Tehsil Sr (Sirohi) 25;

**West Rajasthan:** Sanchoe (Jalore) 12, Gudamalani Sr (Barmer) 10;