

# India Meteorological Department (Ministry of Earth Sciences)

Special Message No. 4 (AS/03/2025)/(BOB/07/2025)

TIME OF ISSUE: 1230 HOURS IST DATED: 21.10.2025

FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)

CONTROL ROOM NDMA (FAX.NO. 26701729)

**CABINET SECRETARIAT (FAX.NO.23012284, 23018638)** 

PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)

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H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)

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**DIRECTOR GENERAL, DOORDARSHAN (23385843)** 

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CHIEF SECRETARY, KERALA (FAX NO. 0471-2327176)

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CHIEF SECRETARY, PUDDUCHERRY (FAX NO. 0413-2334145)

CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029)

CHIEF SECRETARY, TAMIL NADU (FAX NO. 044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX NO. 0413-2334145)

CHIEF SECRETARY, ANDAMAN & NICOBAR ISLANDS (FAX NO. 03192-232656)

CHIEF SECRETARY, WEST BENGAL (FAX NO. 033-22144328)

CHIEF SECRETARY, ODISHA (FAX NO. 0674-2536660)

Subject: (A) Well Marked Low Pressure Area over Southeast Arabian Sea (B) Well Marked low pressure area over Southwest Bay of Bengal

# (A) Well Marked Low Pressure Area over Southeast Arabian Sea

Yesterday's, Well marked Low Pressure area over southeast Arabian Sea persisted over the same region at 0830 hrs IST of today, 21st October 2025. It is likely to move slowly westwards and intensify into a depression during next 24 hours.

### Warnings:

#### (i) Rainfall Warning:

**Lakshadweep Islands:** Light to moderate rainfall at most places with isolated heavy rainfall during 21<sup>st</sup> to 22<sup>nd</sup> October.

**Kerala:** Light to moderate rainfall at most places with heavy rainfall at isolated places during 21<sup>st</sup> -27<sup>th</sup> October, heavy to very heavy rainfall at isolated places during 21<sup>st</sup> to 23<sup>rd</sup> October and isolated extremely heavy rainfall on 22<sup>nd</sup> October.

**Coastal & South Interior Karnataka:** Light to moderate rainfall at most places with heavy rainfall at isolated places is very likely during 21<sup>st</sup> to 24<sup>th</sup> October. Isolated heavy to very heavy rainfall

over Coastal Karnataka on 22<sup>nd</sup>-23<sup>rd</sup> October and over South Interior Karnataka on 21<sup>st</sup>-22<sup>nd</sup> October.

### (ii) Wind warning:

Squally weather with wind speed reaching 35-45 gusting to 55 kmph is likely to prevail over Southeast and adjoining Southwest & Eastcentral Arabian Sea, Lakshadweep & Comorin Area and along & off Karnataka, Kerala and adjoining South Tamil Nadu coasts till 24<sup>th</sup> October. It is likely to increase becoming squally wind with speed reaching 40-50 kmph gusting to 60 kmph over Southeast and adjoining Southwest & Eastcentral Arabian Sea from evening of today, the 21<sup>st</sup> October, over central parts of south Arabian Sea and adjoining central Arabian Sea on 22<sup>nd</sup> & 23<sup>rd</sup> October.

#### (iii) Sea condition:

Sea condition is moderate to rough over Southeast and adjoining southwest & Eastcentral Arabian Sea, Lakshadweep & Comorin Area and along & off Karnataka, Kerala and adjoining South Tamil Nadu coasts. It would become rough to very rough over Southeast & adjoining southwest & Eastcentral Arabian Sea from evening of today, the 21st October, over central parts of south Arabian Sea and adjoining central Arabian Sea on 22nd & 23rd October.

## (iv) Fishermen warnings:

Fishermen are advised not to venture into Southeast & adjoining Eastcentral Arabian Sea, Lakshadweep & Comorin Area and along & off Karnataka, Kerala and adjoining South Tamil Nadu coasts till 21st October and over central parts of south Arabian Sea and adjoining central Arabian Sea during 22nd to 23rd October 2025.

# (v) Impact Expected and Action Suggested due to heavy rain and strong winds (Lakshadweep Islands & Kerala)

#### Impact expected:

- ❖ Breaking of tree branches. Strong wind and heavy rain may damage plantation, horticulture and standing crops.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to strong winds and heavy rain.
- \* Road and rail traffic may be affected due to heavy rain.
- ❖ There could be localised flash floods, landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Surface & Helicopter services may be regulated.
- ❖ Small ships & country boats would be affected due to strong wind and heavy rain.

#### **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.
- Surface transport and helicopter services to be regulated.

# (B) Well Marked low pressure area over Southwest Bay of Bengal

A low pressure area formed over southwest Bay of Bengal at 0530 hrs IST of today and became a Well marked low pressure area over the same region at 0830 hrs IST of today, the 21st October 2025. It is likely to move west-northwestwards and intensify into a depression over southwest & adjoining Westcentral Bay of Bengal off north Tamil Nadu & south Andhra Pradesh coasts by afternoon of tomorrow, the 22nd October 2025. Thereafter, it is likely to continue to move west-northwestwards towards north Tamil Nadu, Puducherry & south Andhra Pradesh coasts and intensify further during subsequent 24 hours.

### Warning:

## (i) Rainfall Warning:

**Andaman & Nicobar Islands:** Light to moderate rainfall at most places with heavy rainfall at isolated places is very likely during 21<sup>st</sup> to 27<sup>th</sup> October.

**Tamil Nadu & Puducherry:** Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places is very likely during 21<sup>st</sup> to 24<sup>th</sup> and isolated extremely heavy rainfall on 21<sup>st</sup>-22<sup>nd</sup> October.

**Andhra Pradesh:** Light to moderate rainfall at most places with heavy rainfall at isolated places is very likely during 21<sup>st</sup> to 27<sup>th</sup> and very heavy rainfall at isolated places during 21<sup>st</sup>-23<sup>rd</sup> October. **Telangana:** Light to moderate rainfall at most places with heavy rainfall at isolated places is very likely during 23<sup>rd</sup> to 25<sup>th</sup> October.

# (ii) Wind warning:

Squally wind with speed reaching 40-50 kmph gusting to 60 kmph likely is prevailing over southwest Bay of Bengal and adjoining areas of southeast & central Bay of Bengal. It is likely to increase becoming 50-60 kmph gusting to 70 kmph over Southwest and adjoining Westcentral Bay of Bengal during 22<sup>nd</sup> to 24<sup>th</sup> October.

Squally wind with speed reaching 35-45 kmph gusting to 55 kmph is prevailing along & off Tamil Nadu & south Andhra Pradesh coasts. It is likely to increase becoming 40-50 kmph gusting to 60 kmph on 22<sup>nd</sup> and 50-60 kmph gusting to 70 kmph during 23<sup>rd</sup> to 24<sup>th</sup> October.

Squally weather with wind speed reaching 35-45 gusting to 55 kmph is likely to prevail over Andaman Sea and remaining parts of South Bay of Bengal till 25<sup>th</sup> October.

#### (iii) Sea conditions:

Sea condition is rough over southwest Bay of Bengal and adjoining areas of southeast & central Bay of Bengal and likely to become rough to very rough thereafter till 24<sup>th</sup> October.

Sea condition is rough along & off Tamil Nadu & south Andhra Pradesh coasts and thereafter likely to become rough to very rough till 23<sup>rd</sup> October.

Sea condition is likely to be moderate to rough over Andaman Sea and remaining parts of South Bay of Bengal during till 25<sup>th</sup> October.

#### (iv) Fishermen Warning:

Fishermen are advised not to venture into South and adjoining central Bay of Bengal till 24<sup>th</sup> October. Those fishermen out at sea should return to coast.

# (v) Impact Expected and Action Suggested due to heavy rain and strong winds (Tamil Nadu and Andhra Pradesh)

#### Impact expected:

- ❖ Breaking of tree branches. Strong wind and heavy rain may damage plantation, horticulture and standing crops.
- Minor damage to kutcha houses/walls, huts and roads due to strong winds and heavy rain.
- ❖ Road and rail traffic may be affected due to heavy rain.
- ❖ There could be localised flash floods, landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- Surface & Helicopter services may be regulated.
- Small ships & country boats would be affected due to strong wind and heavy rain.

#### **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.
- Surface transport and helicopter services to be regulated.

Significant rainfall recorded during past 24 hours ending at 0830 hours IST of 21<sup>st</sup> October 2025 is given in Annexure 1.

Next Message will be issued at 1130 hrs IST of 22<sup>nd</sup> October, 2025.

(Dr. Akhil Srivastava) Scientist-D, IMD, New Delhi

Copy to: ACWC Kolkata/ACWC Chennai/ACWC Mumbai/CWC Bhubaneswar/CWC Vishakhapatnam/CWC Thiruvananthapuram/CWC Ahmedabad
Meteorological Centres- Port Plair/Hyderabad/Amravati/Bengaluru

Annexure 1

Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 21st October (≥ 7cm):

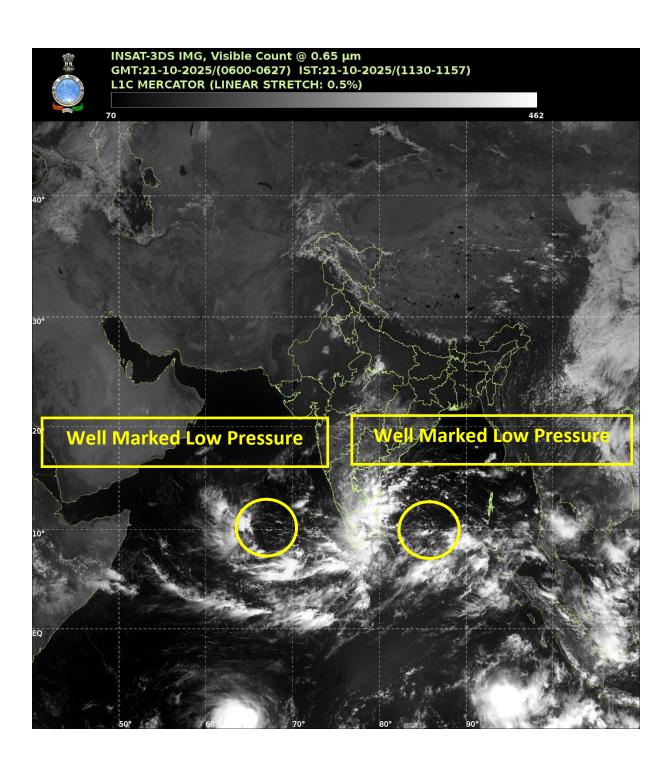
Tamil Nadu, Puducherry & Karaikal: Thangachimadam (Ramanathapuram) 17; Pamban (Ramanathapuram) 15; Mandapam (Ramanathapuram) 14; Varattupallam (Erode) 13; Chidambaram (Cuddalore), Chidambaram AWS (Cuddalore), Annamalai Nagar (Cuddalore), Velankanni (Nagapattinam) 10 Each; Nagapattinam (Nagapattinam), Karaikal (Karaikal), Rameswaram (Ramanathapuram), Tirupoondi (Nagapattinam) 9 Each; Thalaignayer (Nagapattinam), Ayyampettai (Thanjavur), Sholinganallur (Chennai), Vettikadu (Thanjavur) 8 Each; Parangipettai (Cuddalore), Mayiladuthurai (Mayiladuthurai), Sirkali (Mayiladuthurai), Tiruvarur (Tiruvarur) 7 Each;

**Kerala & Mahe:** Neyyattinkara (Thiruvananthapuram) 11; Quilandi (Kozhikode) 9; Irinjalakuda (Thrissur), Piravam (Ernakulam) 7 Each;

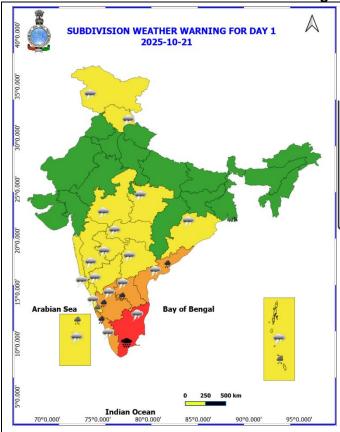
Rayalaseema: Sullurpeta (Tirupati) 7.

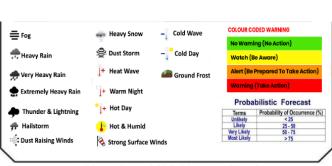
Coastal Karnataka: Dakshina Kannada Bantwal Kavalamuduru 8;

South Interior Karnataka: Hassan Alur 7, Chikkamagaluru Kadur (Rural) 7;

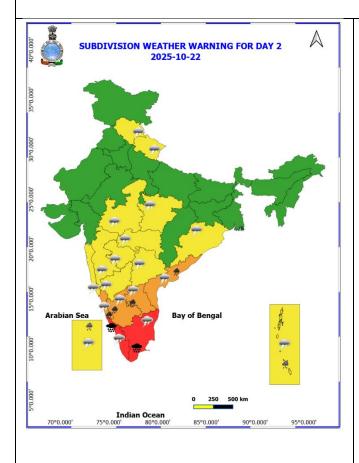


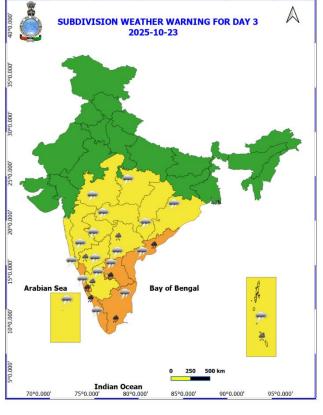
**Weather Warning Graphics** 

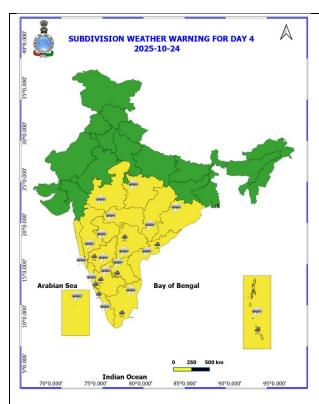


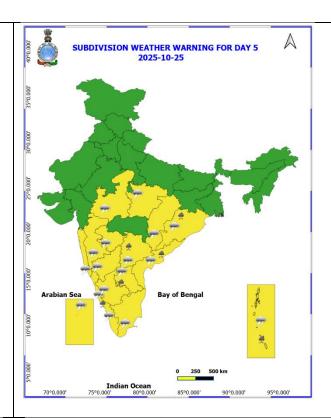


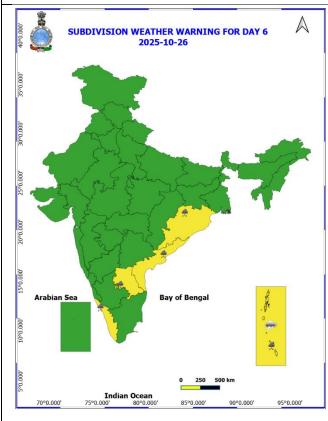
\* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action". orecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day. For more details, kindly visit https://maussam.imd.gov.in or contact 011-2434-4599

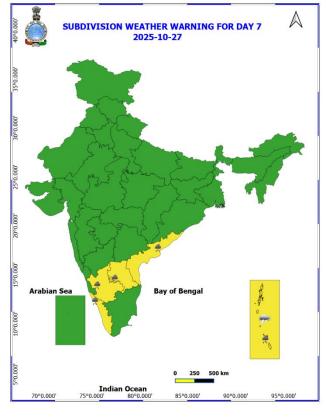


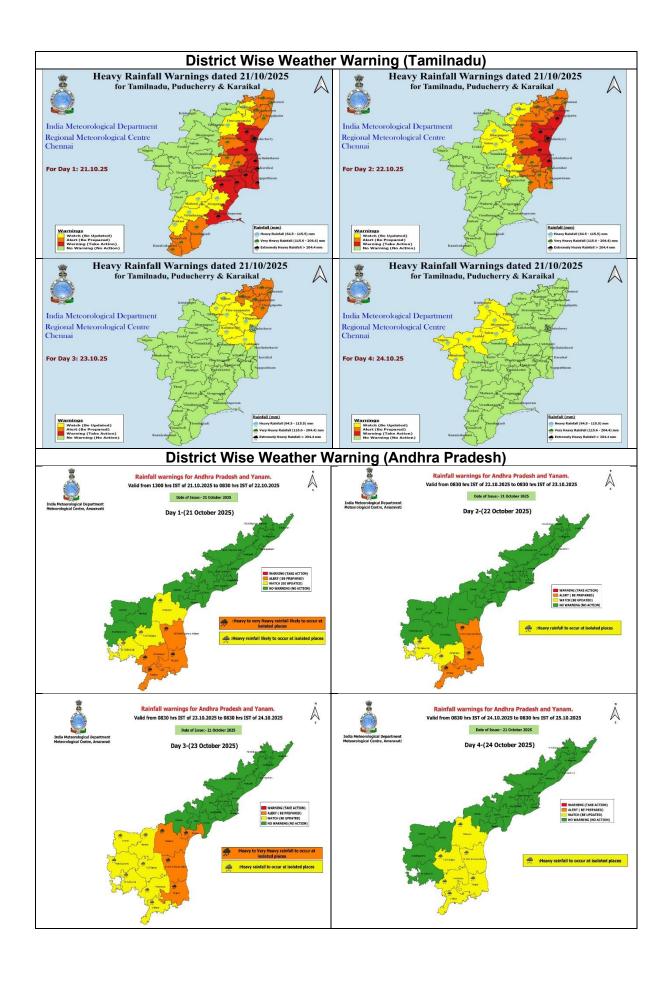


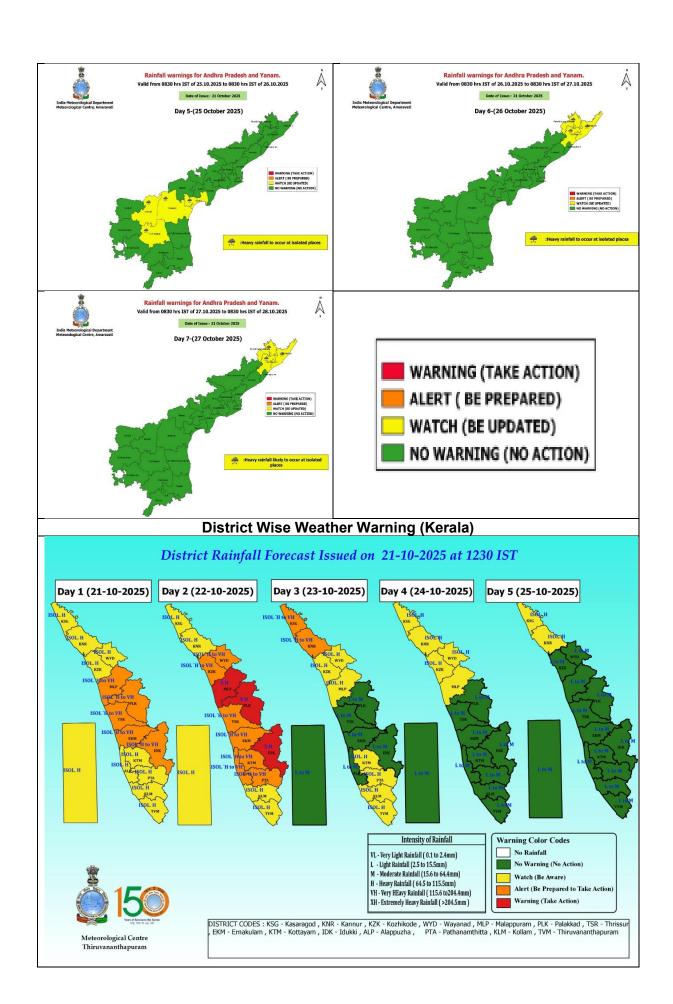












# Flash Flood Guidance

# 24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 22-10-2025:

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Subdivisions during next 24 hours.

Tamil Nadu - Puducherry & Karaikal - Karaikal, Puduchery, Ariyalur, Chennai, Cuddalore, Kanchipuram, Nagapattinam, Thiruvarur, Tiruvallur, Tiruvannamalai, Vellore and Villupuram districts.

Coastal Andhra Pradesh & Yanam - Nellore district.

Rayalaseema - Chittoor and Kadapa districts.

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.

