



Time of Issue: 1430 IST

Dated: 28.06.2025

Press Release

Sub: Heavy to Very Heavy Rainfall is likely over Kerala on 28th June 2025.

Synoptic Situations: An upper air cyclonic circulation lies over southwest Bangladesh & adjoining Gangetic West Bengal and extends upto 7.6 km above mean sea level tilting southwestwards with height. Under its influence a low -pressure area is likely to form over the north Bay of Bengal and adjoining coastal Bangladesh and West Bengal by tomorrow. Subsequently it is likely to move slowly west-northwestwards across Gangetic West Bengal and north Odisha & Jharkhand. The east-west trough runs from the upper air cyclonic circulation over southwest Bangladesh & adjoining Gangetic West Bengal to northeast Madhya Pradesh across Jharkhand, north Chhattisgarh between 3.1 & 4.5 km above mean sea level. An upper air cyclonic circulation lay over Saurashtra & Kutch & adjoining northeast Arabian sea at 0530 IST of today, the 28th June 2025. Under its influence a low pressure area has formed over Kutch and neighbourhood at 0830 hrs IST of today, the 28th June, 2025. The associated upper air cyclonic circulation extending upto 7.6 km tilting southwards with height.

Strong Westerlies likely to prevail over Kerala and Lakshadweep area in the lower tropospheric levels.

Under the influence of these, widespread rainfall activity with **Heavy** (7-11cm in 24 hours) to **Very heavy** (12-20cm in 24 hours) rainfall is very likely to occur at isolated places over Kerala on 28th June 2025. **Heavy** (7-11cm in 24 hours) rainfall is very likely to occur at isolated places over Kerala on 29th June, 03rd & 04th July 2025.

WEATHER FORECAST FOR NEXT SEVEN DAYS:

DAY 1 (28-June-2025): Rain or thundershower is most likely to occur at most places in Kerala and Lakshadweep.
DAY 2 (29-June-2025): Rain or thundershower is most likely to occur at most places in Kerala and at many places in Lakshadweep.
DAY 3 (30-June-2025): Rain or thundershower is most likely to occur at many places in Kerala and at a few places in Lakshadweep.
DAY 4 (1-July-2025): Rain or thundershower is most likely to occur at a few places in Kerala and Lakshadweep.
DAY 5 (2-July-2025): Rain or thundershower is most likely to occur at many places in Kerala and Lakshadweep.
DAY 6 (3-July-2025): Rain or thundershower is most likely to occur at most places in Lakshadweep and at many places in Kerala.
DAY 7 (4-July-2025): Rain or thundershower is most likely to occur at most places in Lakshadweep and at many places in Kerala.

WIND WARNING: Strong Surface winds with speed reaching 40-50 kmph likely to prevail occasionally over Kerala and Lakshadweep on 28th June 2025.

HEAVY RAINFALL WARNING (Graphics enclosed in Annexure I): Heavy (7-11cm in 24 hours) to very heavy (12-20cm in 24 hours) rainfall is very likely to occur at isolated places over Kerala on 28th June 2025. Heavy (7-11cm in 24 hours) rainfall is very likely to occur at isolated places over Kerala on 29th June, 03rd & 04th July 2025.

Heavy (7-11cm in 24 hours) to very heavy (12-20cm in 24 hours) rainfall (ORANGE WARNING) is very likely to occur at one or two places in the districts of:

- Pathanamthitta, Kottayam, Idukki, Ernakulam, Thrissur, Malappuram & Wayanad on Day 1 (28.06.2025).
-

Heavy rainfall (7- 11 cm in 24 hours) (YELLOW WARNING) is very likely to occur at one or two places in the districts of:

- Thiruvananthapuram, Kollam, Alappuzha, Palakkad, Kozhikode, Kannur & Kasaragod on Day 1 (28.06.2025).
- Pathanamthitta, Kottayam, Idukki, Malappuram & Wayanad on Day 2 (29.06.2025).

Probable Impacts due to the Heavy to Very Heavy Rainfall

- Visibility may become poor due to intense spell of rainfall leading to traffic congestion.
- Temporary Disruption of traffic due to water logging in roads/ uprooting of trees/ breaking of tree branches leading to increased travel time.
- Uprooting of trees may cause damages to power sector
- Possibility of damages to vulnerable structures due to heavy to very heavy rainfall
- Partial Damages to Kutch Houses and Huts due to uprooting of trees.
- Possibilities of Flash floods due to intense spell of rainfall.
- Water logging / flooding in many parts of low-lying areas.
- Landslides/mud slide/land slip very likely.
- Heavy rainfall may damage the standing crops and vegetables in the maturity stage.
- Lightning may injure people and cattle at open place.
- Dispersion of soil from the field and hence seed displacement and poor germination of seeds.

Actions suggested

- Follow traffic advisories issued, if any.
- Avoid staying in vulnerable structure.
- Avoid going to the areas that face water logging problems/ river fronts.
- People in the vulnerable area are advised to move to safer places.
- Propping of the vegetable pandals recommended.
- Take shelter during thunderstorm/lightning activities.
- Provide mulch at the base of the crop to prevent soil and root damage.
- Avoid working in the fields during thunderstorm/lightning period and ensure proper mechanism to avoid runoff in case of rain.
- Postpone sowing of seeds; if already sown, avoid water stagnation in the field and cover the seeded area with natural mulching materials like straw, farm residues etc.
- Be Updated.

WIND WARNING FOR FISHERMEN (Graphics enclosed in Annexure III):

AREA	WARNING MESSAGE
Kerala coast	Day 1(28.06.2025): Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Kerala coasts.
Karnataka coast	Day 1(28.06.2025): Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Karnataka coasts.
Lakshadweep area	Day 1(28.06.2025): Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over Lakshadweep area.
Fishermen are advised not to venture into the above sea areas during the above mentioned period.	

FOR OTHER COASTS AND OPEN SEAS	
Day 1 (28.06.2025)	Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over most parts of Westcentral Arabian Sea & adjoining, most parts of Eastcentral Arabian Sea, Southern parts of Northwest Arabian Sea, most parts of Northeast Arabian Sea, over South Tamilnadu Coast, over Gulf of Mannar and adjoining Comorin Area. Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over most parts of Eastcentral & adjoining areas of Westcentral Arabian Sea, along and off north Andhra Pradesh coast and adjoining Odisha coast, most parts of Central Bay of Bengal and adjoining & some parts of North Bay of Bengal, few parts of Southeast Bay of Bengal, over Andaman Sea. Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over Western parts of Eastcentral & adjoining Westcentral Arabian Sea, over most parts of Northeast Arabian Sea, along and off Gujarat, Konkan, Goa coasts.
Day 2 (29.06.2025)	Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over most parts of Westcentral Arabian Sea & adjoining, most parts of Eastcentral Arabian Sea, most parts of Northeast Arabian Sea,

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	<p>many parts of Northwest Arabian Sea, Northern parts of Southwest Arabian Sea, over South Tamilnadu Coast, over Gulf of Mannar and adjoining Comorin Area.</p> <p>Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over most parts of Central Bay of Bengal, few parts of Southeast Bay of Bengal, along and off North Andhra Pradesh, Odisha, West Bengal, over North Bay of Bengal, over Andaman Sea.</p> <p>Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over most parts of Eastcentral & adjoining areas of Westcentral Arabian Sea, over most parts of Northeast Arabian Sea, along and off Gujarat, Konkan coasts.</p>
<p>Day 3 (30.06.2025)</p>	<p>Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over most parts of Westcentral Arabian Sea & adjoining, most parts of Eastcentral Arabian Sea, most parts of Northeast Arabian Sea, many parts of Northwest Arabian Sea, northern parts of Southwest Arabian Sea.</p> <p>Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over most parts of Central Bay of Bengal, some northern parts of Southeast Bay of Bengal, along and off Odisha, West Bengal, over North Bay of Bengal, over Andaman Sea.</p> <p>Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over most parts of Eastcentral & adjoining areas of Westcentral Arabian Sea, over most parts of Northeast Arabian Sea, along and off Gujarat, north Konkan coasts, some parts of North Bay of Bengal, along and off North Odisha and West Bengal coasts.</p>
<p>Day 4 (01.07.2025)</p>	<p>Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over most parts of Westcentral Arabian Sea & adjoining, most parts of Eastcentral Arabian Sea, most parts of Northeast Arabian Sea, many parts of Northwest Arabian Sea, northern parts of Southwest Arabian Sea.</p> <p>Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over most parts of Central Bay of Bengal, some northern parts of Southeast Bay of Bengal, along and off Odisha, West Bengal, over North Bay of Bengal.</p> <p>Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over most parts of Eastcentral & adjoining areas of Westcentral Arabian Sea, over most parts of Northeast Arabian Sea, along and off Gujarat, north Konkan coasts.</p>
<p>Day 5 (02.07.2025)</p>	<p>Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over most parts of Westcentral Arabian Sea & adjoining, most parts of Eastcentral Arabian Sea, most parts of Northeast Arabian Sea, many parts of Northwest Arabian Sea, northern parts of Southwest Arabian Sea.</p> <p>Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over most parts of Central Bay of Bengal, along and off North Andhra Pradesh coast and South Odisha coast and over North Bay of Bengal.</p> <p>Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over most parts of Eastcentral & adjoining areas of Westcentral Arabian Sea, over most parts of Northeast Arabian Sea, along and off Gujarat, north Konkan coasts.</p>
<p>Fishermen are advised not to venture into the above sea areas during the above mentioned period.</p>	

PORT WARNING:

KERALA PORTS:

S.No	Name of the Port	Advice
1	KASARGOD	Local Cautionary signal number III
2	CANNANORE	Local Cautionary signal number III
3.	TELLICHERRY	Local Cautionary signal number III
4	KOZHIKODE	Local Cautionary signal number III
5.	BEYPORE	Local Cautionary signal number III
6.	PONNANI	Local Cautionary signal number III
7	AZHICKAL	Local Cautionary signal number III
8.	KOCHI	Local Cautionary signal number III
9	ALAPUZHA	Local Cautionary signal number III
10	NEEPORT QUILON	Local Cautionary signal number III
11.	THIRUVANANTHAPURAM	Local Cautionary signal number III

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KARNATAKA PORTS

S.No	Name of the Port	Advice
1.	KARWAR	Local Cautionary signal number III
2.	MANGALORE	Local Cautionary signal number III
3.	PANAMBUR	Local Cautionary signal number III
4.	HONAVAR	Local Cautionary signal number III
5.	BHATKAL	Local Cautionary signal number III
6.	GANGOLI (COONDAPUR)	Local Cautionary signal number III
7.	MALPE	Local Cautionary signal number III

LAKSHADWEEP PORTS:

S.No	Name of the Port	Advice
1	MINICOY	Local Cautionary signal number III

OCEAN CURRENT ALERT/SWELL SURGE ALERT/HIGH WAVE ALERT BY INCOIS

1. KERALA&MAHE		
KASARAGOD, KANNUR	HIGH WAVE ALERT	High Wave Alert for the coast of KASARAGOD, KANNUR,KERALA from Kunzathur To KotteKunnu. High waves in the range of 2.9 - 3.0 meters are forecasted till 14:30 hours on 28-06-2025. It advised that to be careful while doing marine operations and nearshore recreation.
THIRUVANANATHA PURAM	SWELL SURGE ALERT	Swell Surge Alert for the coast of THIRUVANANTHAPURAM,KERALA from Kappil To Pozhiyoor. Swell waves in the range of 13.0 - 18.0 sec period with 2.0 - 2.1 m height are forecasted during 11:30 hours on 28-06-2025 to 23:30 hours on 28-06-2025. It advised that there is a possibility of surging of waves, boats to ply with utmost vigilance, recreation with due care.

2. LAKSHADWEEP		
AMINI	HIGH WAVE WARNING	High Wave Warning for the coast of AMINI,LAKSHADWEEP.High waves in the range of 3.4 - 3.7 meters are till 17:30 hours on 28-06-2025. It advised that small vessels not to ply, nearshore recreation activities to be totally suspended, and erosion/wave surges possible.
AGATTI	HIGH WAVE WARNING	High Wave Warning for the coast of AGATTI,LAKSHADWEEP.High waves in the range of 3.2 - 3.6 meters are forecasted till 11:30 hours on 28-06-2025. It advised that small vessels not to ply, nearshore recreation activities to be totally suspended, and erosion/wave surges possible.
ANDROTH	HIGH WAVE ALERT	High Wave Alert for the coast of ANDROTH,LAKSHADWEEP. High waves in the range of 2.9 - 3.1 meters are forecasted till 20:30 hours on 28-06-2025. It advised that to be careful while doing marine operations and nearshore recreation.
MINICOY	HIGH WAVE ALERT	High Wave Alert for the coast of MINICOY,LAKSHADWEEP. High waves in the range of 2.8 - 3.1 meters are forecasted till 17:30 hours on 28-06-2025. It advised that to be careful while doing marine operations and nearshore recreation.
KAVARATTI	HIGH WAVE ALERT	High Wave Alert for the coast of KAVARATTI,LAKSHADWEEP. High waves in the range of 3.1 - 3.4 meters are forecasted till 05:30 hours on 29-06-2025. It advised that to be careful while doing marine operations and nearshore recreation.

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3. KARNATAKA		
UTTARA KANNADA	HIGH WAVE ALERT	High Wave Alert for the coast of UTTARA KANNADA,KARNATAKA from Majali To Bhatkal. High waves in the range of 3.3 - 3.5 meters are forecasted till 23:30 hours on 29-06-2025. It advised that to be careful while doing marine operations and nearshore recreation.
DAKSHINA KANNADA	HIGH WAVE ALERT	High Wave Alert for the coast of DAKSHINA KANNADA,KARNATAKA from Mulki To Mangalore. High waves in the range of 2.8 - 3.0 meters are forecasted till 08:30 hours on 28-06-2025. It advised that to be careful while doing marine operations and nearshore recreation.
UDUPI	HIGH WAVE ALERT	High Wave Alert for the coast of UDUPI,KARNATAKA from Baindur To Kapu. High waves in the range of 3.1 - 3.2 meters are forecasted till 14:30 hours on 29-06-2025. It advised that to be careful while doing marine operations and nearshore recreation.

4. TAMILNADU, PUDUCHERRY&KARAIKAL		
KANNIYAKUMARI	SWELL SURGE ALERT	Swell Surge Alert for the coast of KANNIYAKUMARI,TAMIL NADU from Neerodi To Arockiyapuram. Swell waves in the range of 15.0 - 18.0 sec period with 1.9 - 2.1 m height are forecasted till 08:30 hours on 29-06-2025. It advised that there is a possibility of surging of waves, boats to ply with utmost vigilance, recreation with due care.
RAMANTHAPURAM	SWELL SURGE ALERT	Swell Surge Alert for the coast of RAMANATHAPURAM,TAMIL NADU from Rojma Nagar To Theerthaandathanam. Swell waves in the range of 15.0 - 19.0 sec period with 1.0 - 1.4 m height are forecasted till 08:30 hours on 29-06-2025. It advised that there is a possibility of surging of waves, boats to ply with utmost vigilance, recreation with due care.
THOOTHUKKUDI	SWELL SURGE ALERT	Swell Surge Alert for the coast of THOOTHUKKUDI, TAMIL NADU from Periyathalai To Vembar. Swell waves in the range of 15.0 - 19.0 sec period with 1.0 - 1.5 m height are forecasted till 08:30 hours on 29-06-2025. It advised that there is a possibility of surging of waves, boats to ply with utmost vigilance, recreation with due care.
TIRUNELVELI	SWELL SURGE ALERT	Swell Surge Alert for the coast of TIRUNELVELI,TAMIL NADU from Kuttapulli To Kooduthalai. Swell waves in the range of 16.0 - 18.0 sec period with 1.7 - 1.9 m height are forecasted till 3:30 hours on 29-06-2025. It advised that there is a possibility of surging of waves, boats to ply with utmost vigilance, recreation with due care.

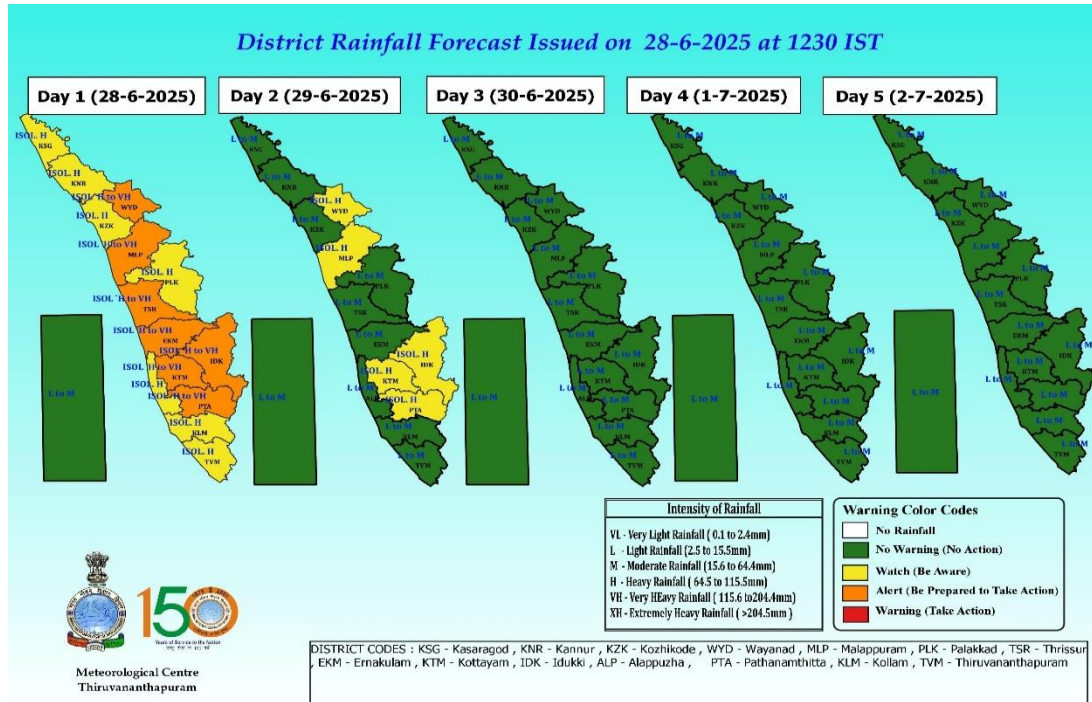
Realized rainfall (chief amounts in cm) during 24 hours period ended at 08:30 hours IST of 28.06.2025 (Graphics enclosed in Annexure II)

Peerumedu (Idukki district) 8, Thalassery (Kannur district) 7. The other chief amounts of rainfall reports in cm are: Taliparamba (Kannur district), Kudulu (Kasaragod district), Cheruvanchery AWS (Kannur district), Panathur AWS & Muliya AWS (both in Kasargod district) 5 each, Kannur, Vadakara (Kozhikode district), Mahe (Puducherry UT), Kalamassery AWS (Ernakulam district), Munakkal AWS & Lower Sholayar AWS (both in Thrissur district), Chemberi AWS & Peringome AWS (both in Kannur district) 4 each, AMS KANNUR (Kannur district), NAS Kochi (Ernakulam district), Kayamkulam (Alappuzha district), Thodupuzha (Idukki district), Aluva (Ernakulam district), Kodungallur (Thrissur district), Chittur & Thrithala (both in Palakkad district), Ponnani (Malappuram district), Vythiri (Wayanad district), Hosdurg (Kasaragod district), Poonjar AWS (Kottayam district), Aluva AWS (Ernakulam district), Vadakara AWS (Kozhikode district), Kalpetta AWS (Wayanad district), Pinarayi AWS, Kannur Icar AWS, Aralam AWS & Ayyankunnu AWS (all in Kannur district), Padannakkad AWS (Kasargod district) & Kannur Airport AWS 3 each, C.I.A.L. Kochi (Ernakulam district), Munnar (Idukki district), Piravam (Ernakulam district), Vadakkancherry (Thrissur district), Manjeri (Malappuram district), Quilandi (Kozhikode district), Mananthavady (Wayanad district), Vellayani AWS (Thiruvananthapuram district), Sengulam Dam AWS (Idukki district), Choondy AWS (Ernakulam district), Peringalkuthu AWS (Thrissur district), Thennala AWS & Munderi AWS (both in Malappuram district), Bayar AWS (Kasargod district) & Palluruthy ARG (Ernakulam district) 2 each and Karipur AP (Malappuram district), Kozhikode, Minicoy & Agathi (both in Lakshadweep UT), Palakkad, Vaikom (Kottayam district), Idukki, Ernakulam South, Perumbavur (Ernakulam district), Kunnamkulam & Irinjalakuda (both in Thrissur district), Parambikulam, Alathur & Ottappalam (all in Palakkad district), Angadipuram & Nilambur (both in Malappuram district), Ambalavayal (Wayanad district), Pampadumpara AWS,

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Udumbannoor AWS & Meencut AWS (all in Idukki district), Odakali AWS & Idamalayar Dam AWS (both in Ernakulam district), Athirappalli AWS (Thrissur district), Mangalam Dam AWS & Malampuzha Dam AWS (both in Palakkad district), Vilangad AWS (Kozhikode district), Karapuzha AWS & Padamala AWS (both in Wayanad district) & Vilangankunnu ARG (Thrissur district) 1 each.

Annexure I

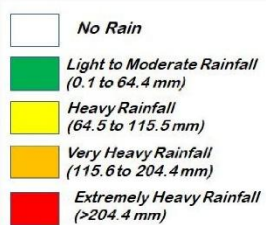


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24 HOUR RAINFALL OVER KERALA & MAHE AND
LAKSHADWEEP DATED 28-6-2025



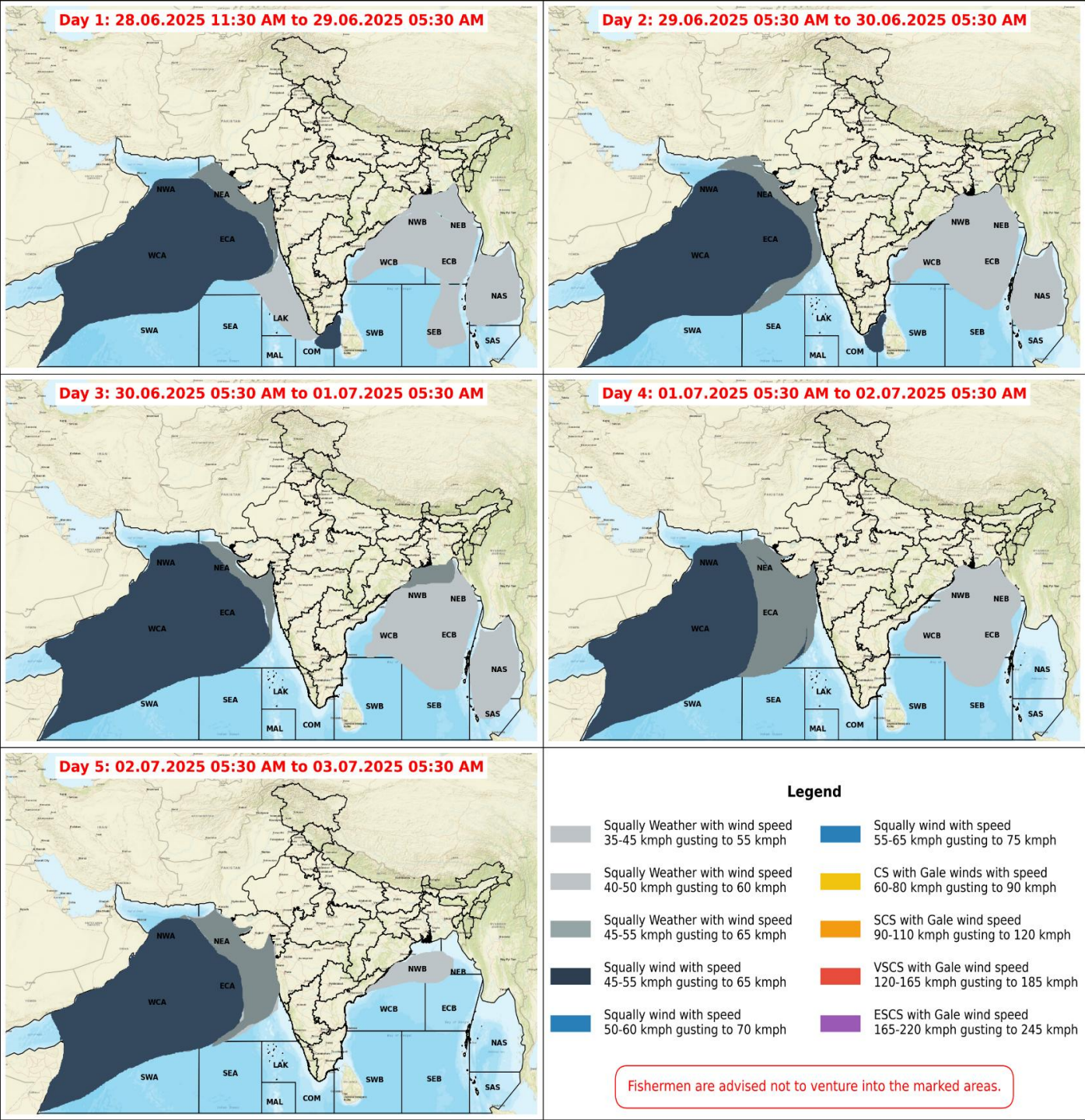
Meteorological Centre
Thiruvananthapuram



**Highest Rainfall@
PEERMADE TO : 84.4mm.**



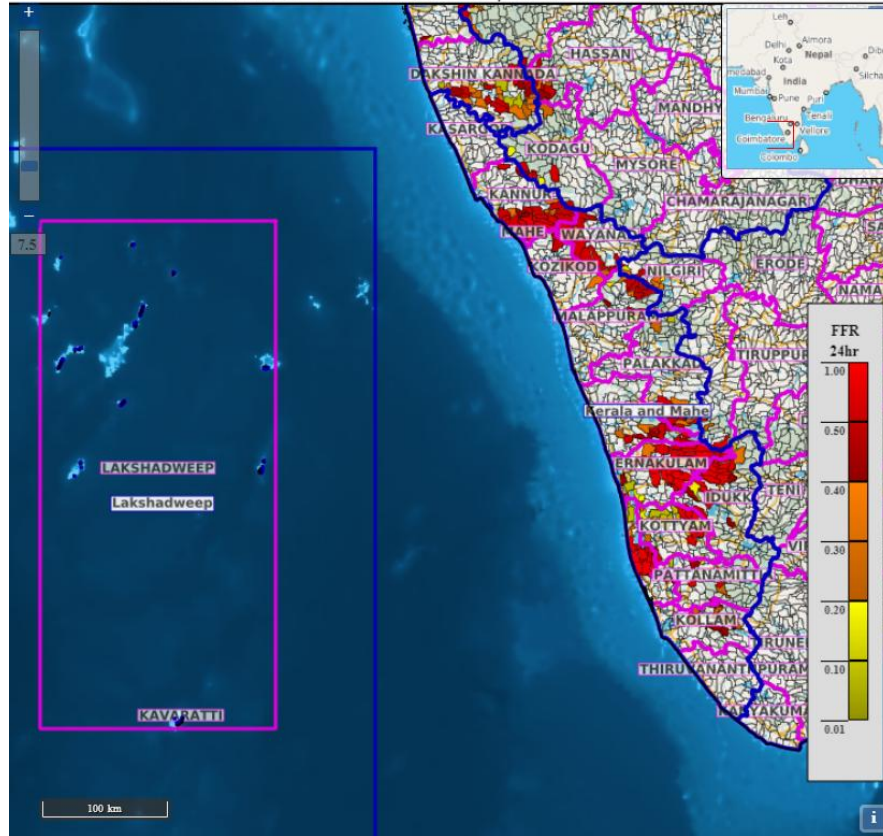
Fishermen Warning Graphics



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24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 29-06-2025

Product: NCUM FFR | Timescale: 24-hr | Region: "REGIONAL"
Product Date: 2025-06-28 06:00 UTC | Valid Date: 2025-06-29 06:00 UTC



Flash Flood Risk	
	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	Low Risk (Be Updated)

Flash Flood Risk (FFR)

Flash Flood Risk products of 12-hour, 24-hour and 36-hour are relative frequencies of positive flash flood threat for the entire forecast lead time interval. This is a measure of the forecast flash flood occurrence frequency and may be considered as a flash flood outlook.

नीता के गोपाल

Neetha K Gopal

वैज्ञानिक- एफ

Scientist-F

प्रमुख

Head

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