



प्रादेशिक मौसम केंद्र, कोलाबा मुंबई

Regional Meteorological Centre, Mumbai

Date: 25/09/2021

Time: 1630hrs

Press Release No 1

Formation of Deep Depression over Northwest & adjoining west-central Bay of Bengal

The Deep Depression over northwest & adjoining westcentral Bay of Bengal moved westwards with a speed of 17 kmph in last 6 hours and lay centered at 1130 hrs IST of 25<sup>th</sup> September 2021, over northwest and adjoining westcentral Bay of Bengal near Lat. 18.4°N and Long. 88.7°E, about 410 km east-southeast of Gopalpur (Odisha) & 480 km east-northeast of Kalingapatnam (Andhra Pradesh).

It is likely to intensify into a Cyclonic Storm during next 06 hours. It is likely to move nearly westwards and cross north Andhra Pradesh - south Odisha coasts between Kalingapatnam & Gopalpur by evening of 26<sup>th</sup> September, 2021.

Forecast track and intensity are given in the following table:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
25.09.21/1130	18.4/88.7	55-65 gusting to 75	Deep Depression
25.09.21/2330	18.5/87.0	65-75 gusting to 85	Cyclonic Storm
26.09.21/1130	18.6/85.3	75-85 gusting to 95	Cyclonic Storm
26.09.21/2330	18.7/83.6	70-80 gusting to 90	Cyclonic Storm
27.09.21/1130	18.9/82.0	50-60 gusting to 70	Deep Depression
27.09.21/2330	19.1/80.0	40-50 gusting to 60	Depression

Under the influence of above system , few parts of Maharashtralike Vidarbha, Marathwada and North Madhya Maharashtra are likely to get heavy to very heavy rainfall and strong gusty winds from 26, 27 and 28<sup>th</sup> September 2021 . Konkan is likely to receive isolated heavy to very heavy rainfall ( isolated places ) with strong gusty winds.

Heavy rainfall warnings for Maharashtra during next 5 days

Saturday, 25 September 2021

Time of Issue: 1300 hrs IST

DISTRICT		25 SEP	26 SEP	27 SEP	28 SEP	29 SEP
		DAY-1(Today)	DAY-2 (Sun)	DAY-3 (Mon)	DAY-4 (Tue)	DAY-5 (Wed)
PALGHAR	Intensity Probability	Moderate rain Very Likely	Moderate rain Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Likely	Heavy rain at isolated places Likely
THANE	Intensity Probability	Moderate rain Very Likely	Thunder storm accompanied with lightning and rain at isolated places. Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Likely
MUMBAI	Intensity Probability	Moderate rain Very Likely	Moderate rain Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Likely	Moderate rain Likely
RAIGAD	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places. Most Likely	Thunder storm accompanied with lightning and rain at isolated places. Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Very Likely	Thunderstorm with lightning, gusty winds and very heavy rain at isolated places Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Likely
RATNAGIRI	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places. Very Likely	Thunder storm accompanied with lightning and rain at isolated places. Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Likely	Thunderstorm with lightning, gusty winds and very heavy rain at isolated places Likely	Moderate rain Likely
SINDHUDURG	Intensity Probability	Moderate rain Very Likely	Thunder storm accompanied with lightning and rain at isolated places. Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places Likely	Moderate rain Likely

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		DAY-1(Today)	DAY-2 (Sun)	DAY-3 (Mon)	DAY-4 (Tue)	DAY-5 (Wed)
DHULE	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunderstorm with lightning, gusty winds and very heavy rain at isolated places  Likely	Moderate rain  Likely
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NANDURBAR	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunderstorm with lightning, gusty winds and very heavy rain at isolated places  Very Likely	Moderate rain  Likely
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JALGAON	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunderstorm with lightning, gusty winds and very heavy rain at isolated places  Very Likely	Moderate rain  Likely
		Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm with lightning, gusty winds & heavy rain at isolated places in Ghats areas.  Very Likely	Thunder storm with lightning, gusty winds & heavy rain at isolated places in Ghats areas.  Likely	
NASIK	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm with lightning, gusty winds & heavy rain at isolated places in Ghats areas.  Very Likely	Thunder storm with lightning, gusty winds & heavy rain at isolated places in Ghats areas.  Likely	Moderate rain  Likely
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		DAY-1(Today)	DAY-2 (Sun)	DAY-3 (Mon)	DAY-4 (Tue)	DAY-5 (Wed)
AHMEDNAGAR	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Likely	Moderate rain  Likely
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KOLHAPUR	Intensity Probability	Moderate rain  Very Likely	Moderate rain  Very Likely	Thunder storm with lightning, gusty winds & heavy rain at isolated places in Ghats areas.  Very Likely	Moderate rain  Very Likely	Light to moderate rain  Likely
	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm with lightning, gusty winds & heavy rain at isolated places in Ghats areas.  Very Likely	Thunder storm with lightning, gusty winds & heavy rain at isolated places in Ghats areas.  Very Likely	Light to moderate rain  Likely
SANGLI	Intensity Probability	Moderate rain  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Moderate rain  Very Likely	Light to moderate rain  Likely
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SHOLAPUR	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Moderate rain  Very Likely	Light to moderate rain  Likely
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DISTRICT		25 SEP	26 SEP	27 SEP	28 SEP	29 SEP
		DAY-1(Today)	DAY-2 (Sun)	DAY-3 (Mon)	DAY-4 (Tue)	DAY-5 (Wed)
JALNA	Intensity Probability	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm with lightning, gusty winds and very heavy rain at isolated places  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Likely	Light to moderate rain  Likely
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BEED	Intensity Probability	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Likely	Light to moderate rain  Likely
HINGOLI	Intensity Probability	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Likely	Light to moderate rain  Likely
NANDED	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Likely	Light to moderate rain  Likely
LATUR	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Likely	Light to moderate rain  Likely
OSMANABAD	Intensity Probability	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Very Likely	Thunderstorm accompanied with lightning/gusty winds and heavy rain likely at isolated places  Very Likely	Thunder storm accompanied with lightning and rain at isolated places.  Likely	Light to moderate rain  Likely

## **FISHERMEN WARNING FOR MAHARASHTRA - GOA COAST FOR NEXT FIVE DAYS**

**Valid from 25<sup>TH</sup> September to 29<sup>TH</sup> September 2021**

**DATE: 25.09.2021**

**TIME: 1300 HRS IST**

### **Warning for North Maharashtra coast : (upto 75km from the coast):**

**Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to Prevail along and off North Konkan coast on 28<sup>th</sup> and 29<sup>th</sup> September 2021.**

**Fishermen are advised not to venture into these areas during above mentioned period.**

### **Warning for South Maharashtra –Goa coast : (upto 75km from the coast):**

**NIL**

### **Warning for high sea and other coasts (beyond 75km from the coast) :**

**Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to Prevail over Northeast Arabian sea on 25<sup>th</sup> , 26<sup>th</sup> ,28<sup>th</sup> ,29<sup>th</sup> September 2021**

**Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to Prevail over West Central and adjoining Southwest Arabian sea from 25<sup>t</sup> to 29<sup>th</sup> Sept 2021 .**

**Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph to prevail along and off Gujarat Coast on 28<sup>th</sup> and 29<sup>th</sup> September .**

**Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to Prevail over South east Arabian sea from 25<sup>th</sup> to 27<sup>th</sup> Sept 2021.**

**Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to Prevail over gulf of Mannar and Comorin area on 25<sup>th</sup> to 27<sup>th</sup> September 2021.**

Further details are available on website of IMD HQ , IMD Mumbai and IMD Nagpur .

Kindly visit IMD website <http://mausam.imd.gov.in> or <http://imdmumbai.gov.in> current weather updates

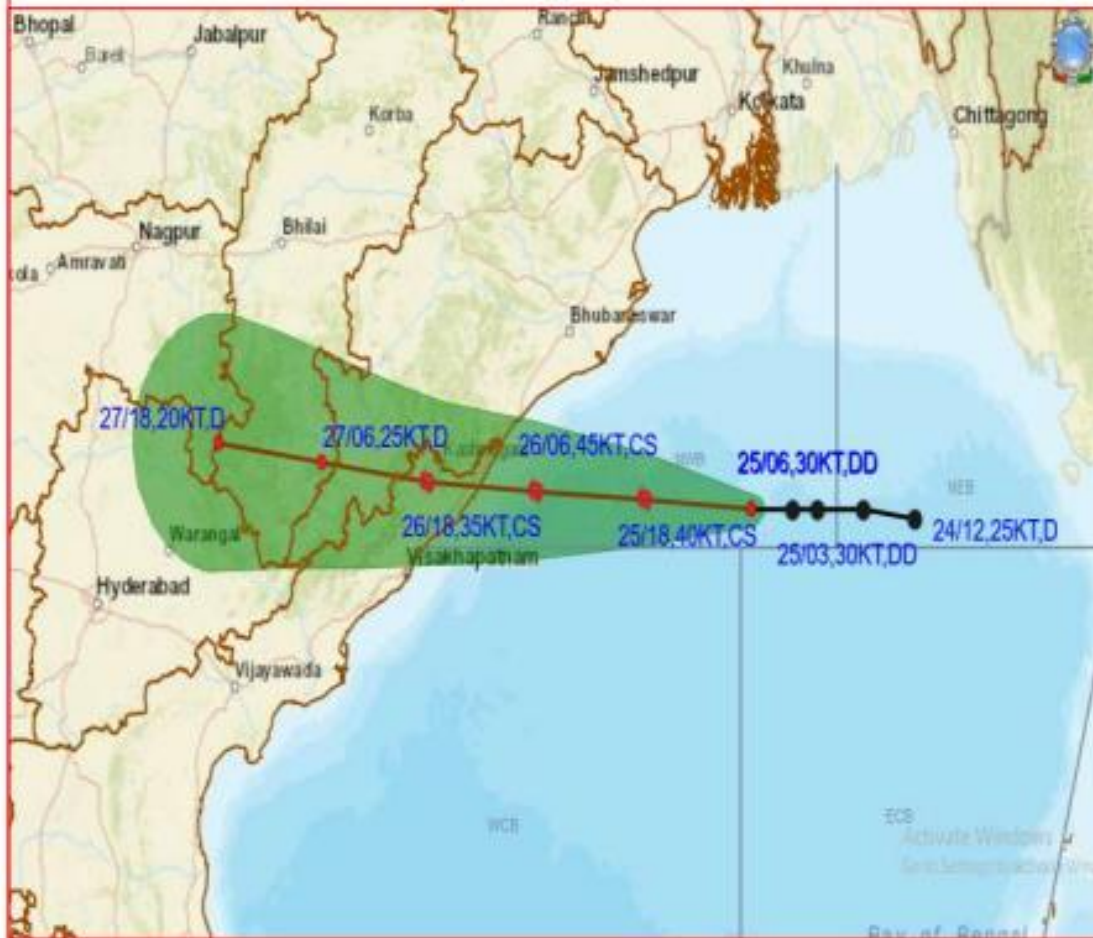
**Regional Weather Forecasting Centre**

**RMC Mumbai**

**Phone: +91 022 22150431/22174719/22174735**



**OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION OVER NORTHWEST AND ADJOINING WESTCENTRAL BAY OF BENGAL BASED ON 0600 UTC OF 25<sup>TH</sup> SEPTEMBER, 2021**



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 (>20 KT)

- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- ▲ CONE OF UNCERTAINTY



**OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER NORTHWEST AND ADJOINING WESTCENTRAL BAY OF BENGAL BASED ON 0600 UTC OF 25<sup>TH</sup> SEPTEMBER, 2021**



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

AREA OF MAXIMUM SUSTAINED WIND SPEED:

— 28-33 KT (52-61 KMPH)

— 34-49 KT (62-91 KMPH)

— 50-63 KT (92-117 KMPH)

— ≥ 64 KT (≥118 KMPH)

**IMPACT OVER THE SEA**

MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations