

भारत सरकार
भारतीय मौसम विज्ञान विभाग
प्रादेशिक मौसम विज्ञान केन्द्र
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GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
New No. 6, College Road, Chennai-600 006
Phone: 044- 28271951

Date : 25th November 2020

Time of Issue: 14:30 IST

From: REGIONAL METEOROLOGICAL CENTRE, CHENNAI

To:

The Commissioner of Revenue Administration (Tamil Nadu)
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The Special branch CID, O/othe DGP Campus, Mylapore (Mobile: 94981 02750)
The Commissioner of Chennai / IS - INSPECTOR CONTROL ROOM /
The Commissioner of Greater Chennai Corporation
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The Commissioner of fisheries
(tnfisheries@nic.in, Fisheries Tamil Nadu coffisheries@gmail.com)
The Chief Secretary, Puducherry
The Commissioner-cum-Secretary (Revenue), Puducherry
The Special Secretary to Government-cum- District Collector, Puducherry
The District Collector, Karaikal
(cs.pon@nic.in, secyfin.pon@nic.in, dcrev.pon@nic.in, collr.kkl@nic.in)

The District Collectors of Vellore, Ranipet, Tiruppatur, Thiruvannamalai, Thiruchi, Salem, Namakkal and Dharmapuri districts

Special weather bulletinNo. 7

Severe Cyclonic Storm “NIVAR” over southwest Bay of Bengal—Cyclone Warning for Tamilnadu and Puducherry coasts

The severe cyclonic storm NIVAR over southwest Bay of Bengal moved northwestwards with a speed of 11 kmph during past six hours and lay centred at 1130 hrs IST of 25th November, 2020 over southwest Bay of Bengal near latitude 11.0°N and longitude 81.3°E, about 180 km east-southeast of Cuddalore, about 190 km east southeast of Puducherry and 250 km south southeast of Chennai. It is very likely to intensify further into a very severe cyclonic storm during next 06 hours.

It is very likely to move northwestwards and cross Tamil Nadu and Puducherry coasts between Karaikal and Mamallapuram around Puducherry during mid-night of 25th and early hours of 26th November 2020 as a very severe cyclonic storm with a wind speed of 120-130 kmph gusting to 145 kmph.

(i) Heavy Rainfall Warning

25.11.2020: Fairly widespread to widespread rainfall/thunderstorm activity very likely over coastal and north interior Tamilnadu, Puducherry & Karaikal on 25th November. Very to very heavy rain with isolated extremely heavy falls is very likely over Thanjavur, Tiruvarur, Nagapattinam, Cuddalore, Chennai, Kanchipuram, Chengalpattu, Tiruvallur, mMyladuthirai, Ariyalur,

Perambalur, Kallakurichi, Villupuram, Tiruvannamalai, Puducherry and Karaikal districts. Heavy rain at isolated places is also likely over Vellore, Ranipet, Tiruppatur, Dharmapuri, Salem, Namakkal, Thiruchirappalli districts.

26.11.2020: Fairly widespread rainfall with isolated heavy rain over Vellore, Ranipet, Tiruppatur and Thiruvannamalai districts is very likely on 26th.

(ii) Wind warning

- Gale wind speed reaching 110-120 kmph gusting to 135 kmph is prevailing over Southwest Bay of Bengal. It would further increase becoming 120-130 kmph gusting to 145 kmph during afternoon of 25th to early hours of 26th November.
- Squally wind speed reaching 55-65 kmph gusting to 75 kmph is prevailing along & off Tamil Nadu, Puducherry coast and over Gulf of Mannar. It will gradually increase and become **gale wind speed reaching 120-130 kmph gusting to 145 kmph along & off Nagapattinam, Karaikal, Myladuthurai, Cuddalore, Puducherry, Villupuram & Chengalpattu districts. Gale wind speed reaching 80-90 gusting to 100 kmph very likely over Tiruvarur, Kanchipuram, Chennai, Tiruvallur districts during afternoon of 25th to early hrs of 26th November, 2020.**
- Gale wind speed reaching 65-75 kmph gusting to 85 kmph very likely over Gulf of Mannar and along and off south coastal districts of Tamil Nadu during afternoon of 25th to early hrs of 26th November, 2020.

(iii) Sea condition

- Sea condition is very high over Southwest Bay of Bengal and very rough to high along & off Tamil Nadu, Puducherry coasts and over Gulf of Mannar. It would gradually become phenomenal over Southwest Bay of Bengal and along & off north Tamil Nadu, Puducherry coasts during afternoon of 25th to early hrs of 26th November, 2020.

(iv) Storm Surge Warning

- Tidal wave of about 1-1.5m height above the astronomical tide is very likely to inundate the low lying areas of north coastal districts of Tamilnadu & Puducherry near the place of landfall.

(v) (a) Damage expected over Nagapattinam, Myladuthurai, Cuddalore, Villupuram & Chengalpattu districts of Tamilnadu and Karaikal & Puducherry:

- Total destruction of thatched houses/ extensive damage to kutcha houses. Some damage to old pucca houses. Potential threat from flying objects.
- Bending/ uprooting of power and communication poles.
- Major damage to Kutcha and Pucca roads. Flooding of escape routes. Disruption of railways, overhead powerlines and signalling systems.
- Widespread damage to standing crops, plantations, orchards, falling of green coconuts and tearing of palm fronds. Blowing down of bushy trees like mango.
- Small boats, country crafts may get detached from moorings.
- Visibility severely affected.

(v) (b) Damage expected over Tiruvarur, Kanchipuram, Chennai, Tiruvallur districts of Tamilnadu:

- Damage to thatched houses/ huts with possibility of roof tops being blown off and unattached metal sheets may fly.
- Damage to power and communication lines.

- Damage to Kutcha and some damage to Pucca roads. Flooding of escape routes.
- Breaking of tree branches, uprooting of trees. Severe damage to banana and papaya trees, horticulture and crops & orchards. Large dead limbs blown from trees.
- Major damage to coastal crops. Damage to embankments/ salt pans.

(vi) Fishermen Warning & Action Suggested:

- Total suspension of fishing operations.
- Mobilise evacuation from coastal areas. Coastal hutment dwellers to be moved to safer places.
- People in affected areas to remain in safe places and indoors.
- Judicious regulation of rail, road and air traffic.
- Movement in motor boats and small ships unsafe.

(vii) POST LANDFALLOUTLOOK FOR INTERIOR DISTRICTS

1. Even after landfall, the system is likely to maintain its cyclone intensity for about 6 hours and weaken gradually. Under its influence rainfall at most/many places with heavy to very heavy falls at a few places with isolated extremely heavy falls likely to occur over Ranipet, Tiruvannamalai, Tirupattur, Vellore districts on 26th Nov.
2. Gale wind speed reaching 65-75 kmph gusting to 85 kmph very likely to prevail over Ranipet, Tiruvannamalai, Tirupattur, Vellore districts during 26th Nov early morning to forenoon.
3. Strong winds with speed reaching 55-65 kmph gusting 75 kmph likely to occur over Tiruchi, Salem, Namakkal, Dharmapuri, Vellore, Ranipet, Tirupattur districts on 26th Nov.
4. **Damage expected over Ranipet, Tiruvannamalai, Tirupattur and Vellore districts:**
 - ✓ Partial damage to thatched houses/ huts with possibility of roof tops being blown off and unattached metal sheets may fly.
 - ✓ Partial damage to power and communication lines.
 - ✓ Damage to Kutcha and some damage to Pucca roads. Flooding of escape routes.
 - ✓ Breaking of tree branches, uprooting of small trees. Damage to banana and papaya trees, horticulture and crops & orchards.
 - ✓
5. **People are advised to remain indoors/in safe places and cooperate with state government officials and disaster management agencies.**

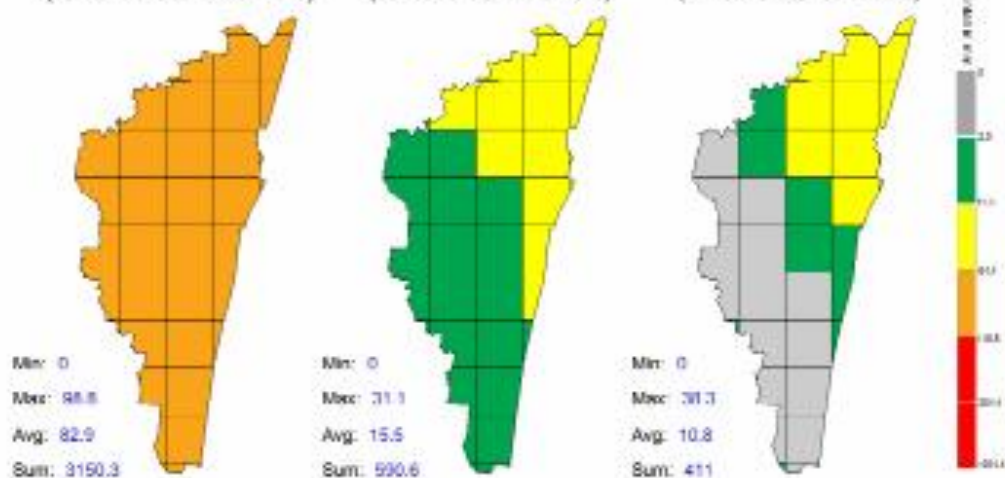
(viii) Coastal flood inundation map IFLOWS-CHENNAI received from NCCR, Chennai is enclosed herewith.

IMD is continuously monitoring the weather situation and updates would be sent as and when required. For further details kindly visit www.imdchennai.gov.in

S.BALACHANDRAN
Scientist-F & Head
Regional Meteorological Centre, Chennai

iFLOWS-CHENNAI
INTEGRATED FLOOD WARNING SYSTEM FOR CHENNAI
A GIZ Initiative towards a Smarter Chennai City

Day 1 (25-Nov-2020 to 26-Nov-2020)	Day2 (28-Nov-2020 to 27-Nov-2020)	Day 3 (27-Nov-2020 to 28-Nov-2020)
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