



Situation Report 2

CYCLONE NIVAR IN TAMIL NADU

13:00, November 26, 2020



SITUATION UPDATE AND RESPONSE

Warnings

Tamil Nadu, Puducherry and Andhra Pradesh



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
 AREA OF MAXIMUM SUSTAINED WIND SPEE
 ■ 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

Updates

Rainfall

Heavy to very heavy falls at a few places with isolated extremely heavy falls likely to occur over Ranipet, Tiruvannamalai, Tirupattur, Vellore districts of Tamilnadu and Chittoor, Kurnool, Prakasam, Cuddappa districts of Andhra Pradesh and adjoining southeast Telangana on 26 Nov. Heavy to very heavy rainfall at isolated paces likely over remaining districts of North interior Tamilnadu, south Andhra Pradesh and south-east Telangana.

Wind

Gale wind speed 85-95 kmph gusting to 90 kmph is prevailing over Puducherry, Villupuram, and Chengalpattu of north Tamilnadu. This will gradually decrease by noon and in the evening it will reach 35-45 kmph.

Sea condition

It is very high to high along and off TN., Puducherry coast. This will improve by evening.

Storm surge

Tidal waves of 0.5-1m height above astronomical tide is likely to inundate low lying areas of north coastal districts of Tamilnadu during the noon.

Damage expected

High - Villupuram and Chengalpattu of TN and Puducherry.
 Moderate - Tiruvarur, Kanchipuram, Chennai, Tiruvallur of TN and Nellore and Chittoor of AP.
 Low - Ranipet, Tiruvannamalai, Tirupattur, Vellore of TN.

Fisherman warning

Total suspension of fishing operations, movements in motor boats and small ships are unsafe.

Action suggested

People in affected areas to remain in safe places and indoors.
 Judicious regulation of rail, road and air traffic.
 Cooperate with State government officials and disaster management agencies.



Humanitarian Response



Government response

1) Tamil Nadu

- The government has alerted district administration to take precautionary measures to tackle the Cyclone.
- The National Disaster Response Force has been carrying out relief operations.
- Alerts are given to fisherman to return to coast.
- The TN government has declared public holiday in 16 districts today namely Chennai, Kanchipuram, Tiruvellur, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Tirupattur and Vellore.
- Over one lakh people have been evacuated from coastal areas and power supply has been cut in vulnerable areas as a precautionary measure.
- The CM will visit worst affected areas in Cuddalore and Chennai.
- Government official in Chennai has cleared fallen trees, released water from major reservoirs.
- Gates of Chechembaram Lake in Chennai have been opened.
- The Indian Navy has deployed INS Jyoti along with flood relief and diving teams in parts of Tamil Nadu and Puducherry.

2) Puducherry

- Territorial government had initiated steps to restore power supply without loss of time.
- Relief camps were opened at various points accommodating 2,000 people so far.
- The supply of food and other essentials in camps are ensured by government.
- The government banned large gathering and public movement.

3) Andhra Pradesh

- The government has given alerts.
- Fishermen have been advised not to venture on sea.
- Low lying areas have been given warnings of flood.



NGO Response

- IAG Tamil Nadu and NGOs are closely monitoring the situation.
- Emergency meetings will be conducted.

Emerging Needs

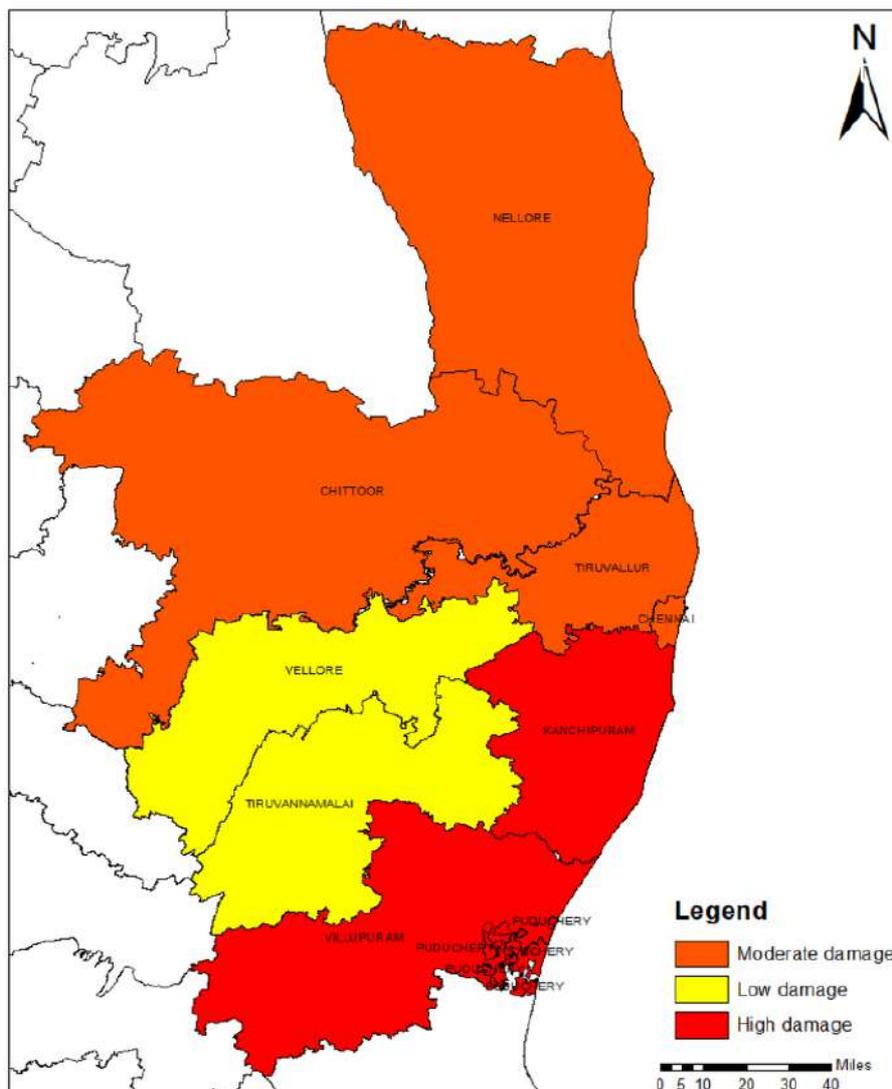
- The people affected will need food and dry ration items.
- An additional supply of nutrient supplements to children and lactating mothers.
- Hygiene Kits and Dignity Kits are an immediate requirement for the people who settled in Halls and relief centers.
- The supply of clean drinking water and hygienic conditions in evacuation camps should be ensured because there are high chances of the spread of contagious waterborne disease.
- The WASH kits like Bucket, Plastic Mug, Antiseptic solutions, Soap, Washing Soap, 100% Cotton cloth, toothpaste and toothbrush, toilet soap, washing powder, washing soap, antiseptic lotion, and liquid.
- Bedsheet, the blanket can be supplied to the relief camps and people returning home from relief camps for surviving the life.
- Awareness should be created to alleviate the symptoms of posttraumatic stress disorder.



Unified Response Strategy Matrix

https://docs.google.com/spreadsheets/d/1ypvrgNXw4t1t7XApL_QCIHsA_q4bS8WjBd58tVYwIrg/edit?usp=sharing

Damage Expectation



Source of Information:

- Printed and Digital Media (NDTV, Times of India, Twitter handles)
- Indian Meteorological Department
- INCOIS



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