

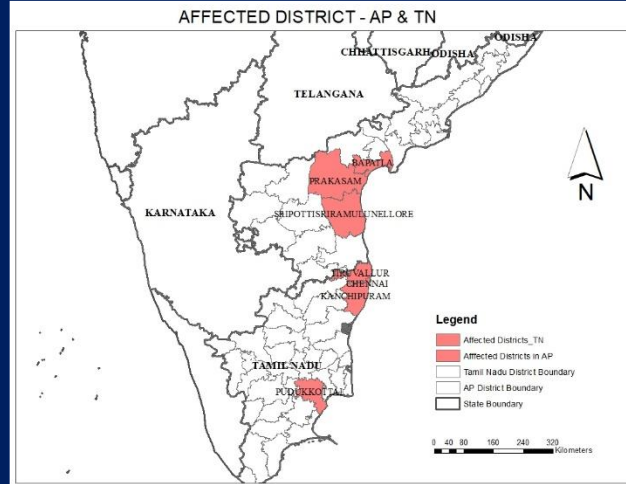


Situation Report - 1

Low Pressure Forecast in TN & AP

Date: 16th October 2024 (Wed)

Time: 11:00 AM (IST)



SITUATION UPDATE AND RESPONSE

- On 14th October 2024 at 05:30 hours, a low-pressure area formed over the southeast Bay of Bengal. By 1130 hours on 15th October 2024, the system had intensified into a well-marked low-pressure area over the southwest and adjoining southeast Bay of Bengal.
- The system is expected to move west-northwestwards and intensify into a depression within the next 12 hours, likely reaching the northern Tamil Nadu, Puducherry, and adjoining southern Andhra Pradesh coasts by the early morning of 17th October 2024.
- However, pull effect rains from the depression is expected in Kanchipuram, Thiruvallur, Chennai, Chengalpattu, North Tamil Nadu and North interior till 18th October with normal monsoon rains on and off for Chennai, surroundings and other North districts.
- Heavy to very heavy rainfall has been reported in four districts of Tamil Nadu, with the highest rainfall recorded as 130 mm in Pudukkottai and 100 mm in Chennai, Tiruvallur, and Kancheepuram districts.
- Two human lives have been lost in Tamil Nadu during the last 24 hours, and 29 houses have been reported damaged (1 fully and 28 partially). A total of 32 people are currently accommodated in one relief camp in Tamil Nadu.
- In Puducherry, heavy rainfall of 90 mm was recorded in the Yanam district. Coastal residents are being advised to move to safer areas.
- Due to the heavy rainfall warning, the Government has declared holidays for all government, government-aided, private schools, and colleges in Puducherry and Karaikal on 15th October 2024. The Puducherry administration has opened 322 relief shelters for affected individuals.
- In Andhra Pradesh, heavy to very heavy rainfall has been recorded in Nellore (150 mm), Bapatla (140 mm), and Prakasam (80 mm) districts. So far, 499 people have been affected in five villages of Nellore and Prakasam districts, and 371 individuals have been evacuated and accommodated in six relief camps.
- A total of 18 NDRF teams have been deployed in the affected states and UTs: 10 teams in Tamil Nadu, 5 teams in Andhra Pradesh, and 3 teams in Puducherry. The Army, Air Force, and Navy units are on high alert.

Statistical Overview



Affected Districts: 07:
TN:04 ((Pudukkottai, Chennai, Kancheepuram, Tiruvallur),
AP: 3 (Nellore, Bapatla, Prakasam)



Total number of Casualties: 02(TN)



Relief Camps: 06 (TN), 06(AP)



Houses Affected : 29 (TN)



Situation in Tamil Nādu | Source: Media



- Sullurpeta in Tirupati district recorded a massive 220.4mm of rainfall on October 16, 2024, the highest in the district, nearly double that of Chittamur, which saw 134.4mm. Sullurpeta had experienced 54.2mm on Monday and 66.2mm on Tuesday before a sharp increase on Wednesday. Coastal areas, including Tada (122.4mm), Varadaiahpalem (121.2mm), Doravarisatram (112.8mm), and Vakadu (107.2mm), were heavily affected by the depression. Southern mandals like Vadamalpet (112.4mm) and Narayanavanam (107.2mm) also faced continuous downpours.

GOVERNMENT PREPAREDNESS & RESPONSE

- Both control rooms of the Ministry of Home Affairs are operational 24x7 and are monitoring the situation, providing all necessary assistance to the affected states and UTs. In Chennai, Tiruvallur, Chengelpet, and Kancheepuram districts, over 931 relief centres have been set up, with IAS officers monitoring the situation round the clock.
- In Tamil Nadu, the Chief Secretary visited the State Emergency Operations Centre on 14th October 2024 and issued directives to handle the situation. A compendium of Standard Operating Procedures for handling various disasters has been issued to the District Collectors. District Disaster Management Authorities have convened coordination meetings to ensure preparedness for the Northeast monsoon.
- Relief measures in Tamil Nadu include the readiness of 2533 relief shelters with basic amenities, food distribution and provision of free food in Amma canteens in Chennai on 16th and 17th October 2024. Sixteen TNDRF teams have been deployed in districts predicted to receive heavy rainfall, along with 808 rescue boats.
- Public alerts are being disseminated via the TN Alert mobile app, social media, and traditional media outlets. Metro Rail and MRTS services are increasing frequency, and IT companies have been instructed to allow employees to work from home from 15th to 17th October 2024.
- In Tamil Nadu, 1736 pump sets, 1759 power saws, 902 JCBs, and other necessary equipment have been readied for deployment. A total of 324 generators have been arranged to ensure uninterrupted drinking water supply. Hospitals, educational institutions, oil companies, and mobile network operators have been instructed to provide continuous services during the disaster situation. District Collectors have been instructed to implement adaptive reservoir management to avoid flooding.
- In Andhra Pradesh, District Collectors have been instructed to ensure the immediate return of fishermen from the sea and submit reports on those already back and those still at sea. Standard Operating Procedures across various line departments are being implemented. Adequate stocks of medicines for emergency medical protocols related to heavy rainfall and flood situations are being maintained at all primary, community health centers, and district hospitals.
- Andhra Pradesh is also ensuring the availability of scheduled commodities at MLS Points and FP shops. Adequate stock of bleaching powder, lime, phenyl, and chlorine tablets is in place for sanitation and emergency chlorination of drinking water. The state has identified available generators in case of power failures affecting water supply schemes, and de-watering pumps are ready for deployment in inundated areas. Fire stations in vulnerable areas are equipped with boats and life jackets for search and rescue operations.



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Source of Information

Media, Social Media, Sphere India
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Disclaimer:

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