

DISASTER REPORT

Disaster Type: CYCLONE

Severity Level: MEDIUM

Location: CHENNAI

Source: SARAVANARAL/X WEATHER CHANNEL

DETAILED REPORT:

The severe cyclonic storm, Fengal, which made landfall near Chennai, India, on December 11th, 2024, caused widespread flooding, significantly impacting the city and surrounding areas. Initial reports from sources like Saravanaral/X Weather Channel indicated heavy rainfall leading to inundation across at least 134 locations within a 100km radius of Chennai. While classified as a medium-severity event, the impact on the population was substantial. The extent of damage to infrastructure, such as roads, buildings, and power lines, is still being assessed. Rescue operations and relief efforts were immediately launched by the Indian government and various non-governmental organizations. The precise number of casualties and the total economic loss remains to be quantified, but anecdotal evidence suggests considerable disruption to daily life and significant economic losses. The flooding is likely to have caused damage to agricultural lands, impacting food security in the region. Longer-term effects, including waterborne diseases and damage to the environment, are also expected and require thorough investigation and mitigation strategies. Post-flood assessments will be crucial in understanding the vulnerabilities exposed by this event, informing future disaster preparedness and response in Chennai and surrounding regions. The accuracy of the radius of 100km remains to be verified by post-disaster surveying. Further data analysis is required to determine the precise meteorological conditions and factors that contributed to the severity of the flooding and to provide reliable long-term forecasting models for similar future events. The report from Saravanaral/X Weather Channel requires corroboration from other reliable sources to obtain a complete understanding of the situation and aid in the delivery of aid.

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