Situation Overview

Background
Chennai, India has been experiencing record-breaking rains and flooding since early November. Beginning on 1 December, the rain intensified again creating more flooding and causing thousands of people to be stranded and trapped. An estimated 188 people have died, and over 200,000 have been displaced (source). Earlier in the week 3500 were stranded at Chennai Airport. Recent reports estimate it to be approximately 700. The airport is closed until 6 December, and Rajali Naval Air Station 70 km away will operate as a civilian airport temporarily (source). Over 5,207 roads are flooded according to a crowdsourced map (source), 23 trains have been cancelled, and voice lines and ATM's are down throughout the area. Those that do have phone signal, are losing battery with no way to charge. As of 2 December, 60% of Chennai City was without power. (source)

Chennai City has also started releasing 20,000 cubic feet per second of water from Chembarambakkam reservoir into Adyar. A flood warning has been issued, and families along the Adyar River have been told to move to safer places. The state government has also mobilized fishing boats to assist in rescue and relief. (source)

22 NDRF rescue teams have been deployed to Tamil Nadu and Puducherry. The Indian Army and Air Force have also deployed personnel and helicopters and have been conducting rescue and relief operations. (source)

The National Disaster Response Force (NDRF) has asked people who need rescue to email requests to tn04­ndrf@nic.in and copy to ndmacontrolroom@gmail.com. They will not respond to tweets sent to them. In Twitter follow National Disaster Mgt India https://twitter.com/ndmaindia/status/671946587329855488 #ChennaiRains Resource lists can be found at www.chennairains.org

Significant Updates (most recent first)
4 Dec:
- Hospitals in need of food:
  - Kamachi Hospital (1 Radial Road, Pallikaranai, Chennai) - urgent food need for patients, no communications (source). Dec 3 Image
  - Saveetha Hospital (62, Poonamallee High Road, Kanchipuram, Chennai) - 80 patients need food. Contact information in link: Source Video
• The Karnataka Urban Water Supply Development Board (KUWSDB) has set up a control room in Bengaluru to help coordinate relief and rescue in Chennai. The team has 15 people passing needs to rescue teams and checking helplines. People who need help can call WhatsApp: 9880655555, Telegram Messenger: 7259760333, Landline: 080 40001000 (12 lines). (Source)

Use Right Click - to open links in a new window

## Government Links

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<td>Tamil Nadu Government Portal</td>
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<td>Chennai District</td>
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## Emergency Numbers

### Search and Rescue
- NDRF Rescue Help - 011-24363260, 9711077372; Email requests to tn04-ndrf@nic.in and copy to ndmacontrolroom@gmail.com. They will not respond to tweets sent to them.
- Indian Army: 044 - 25393514, 044 - 25363792
- Chennai Rains Help Rescue Form via The Hindu

### Emergency Phone Numbers
- Emergency Toll Free No: 1913
- State Emergency: 1070
- District Emergency: 1077
- Electricity: 1912
- Sewage overflow - 45674567, 22200335
- Fire & Rescue: 101
- Ambulance: 108
- The Navy has deployed boats in Adyar - helpline number 044-25394240
- Tree fall, water logging - 1913
- Colonel Tripathi: 044 - 24394240 / 09444928581
- NDRF Chennai Flood Helpline no. 011-24363260, 9711077372
- Chennai Police Helpline: 044 - 25615025
- Indian Army: 044 - 25393514, 044 - 25363792
- National Disaster Management Authority (NDMA) Helpline: 011-1078
- Karnataka Urban Water Supply Development Board (KUWSDB) relief coordination - to reach rescue teams and to communicate flood related information use WhatsApp number: 9880655555, Telegram Messenger: 7259760333, and landline 080 40001000

Regional office numbers:
- Tiruvottiyur: 9445190001
- Manali: 9445190002
- Madhavaram: 9445190003
- Tondiapret: 9445190004
- Royapuram: 9445190005
- Ambattur: 9445190007
- Annanagar: 9445190008
- Teynampet: 9445190009
- Kodambakkam: 9445190010
- Valasaravakkam: 9445190011
- Alandur: 9445190012
- Adyar: 9445190013
- Perungudi: 9445190014
- Sholinganallur: 9445190015

Reunification Numbers / Websites
- Facebook Safety Check
- Vodafone can trace a person’s last call location. (source)

Maps/Situational Awareness

Maps:
4 Dec:
- Map of flooded streets in Chennai (crowdsourced)
- #ChennaiRains Resource Center http://chennairains.org/ crowdsourced list of places, people offering aid and shelter, requests for aid are relayed to NDMA.
- Urgent Needs Crowdmap run by data from http://chennairains.org/ spearheaded by @karthikb351 they have mapped
- Google Crisisresponse page

24 Nov:
- 12 & 24 Nov: Sentinel-1 satellite mapping of floods in Cuddalore (Tamil Nadu)
To determine the extent of severity in the flood affected districts in Tamil Nadu, Senintel-1 satellite images referring to 24th November 2015 were obtained from European Space Agency to map the inundated areas. Dark areas in black referring to standing water. In total an estimated 567 sq.km were inundated of which the severely
affected districts includes Cuddalore (360 sq.km), Nagapattinam (113 sq.km), Ariyalur (70 sq.km) and Perambalur (24 sq.km). Agriculture damage assessment at district level are Cuddalore (307 sq.km), Nagapattinam (82 sq.km), Ariyalur (50 sq.km) and Perambalur (16 sq.km).

**Situational Awareness and Reports:**

4 Dec:
- The Karnataka Urban Water Supply Development Board (KUWSDB) has set up a control room in Bengaluru to act as a virtual communication bridge to coordinate relief and rescue in Chennai. The team has 15 people working around the clock passing needs to rescue teams and checking helplines. People needing rescue and help can call WhatsApp: 9880655555, Telegram Messenger: 7259760333, Landline: 080 40001000 (12 lines). ([Source](#))

3 Dec:
- [ActionAid India report on flooding effects on marginalized populations](#)

2 Dec:
- [National Crisis Management Committee (NCMC) review of flood situation in Tamil Nadu](#)
- [Sphere India - Situation Report: Floods in Southern States of India](#)
- [Lutheran World Relief Situation Report No 1](#)

### Shelter

3 Dec:
- #ChennaiRains Resource Center [http://chennairains.org/](http://chennairains.org/) crowdsourced list of places and people offering shelter
- Some railway stations in Chennai and Puducherry are being used as shelters ([source](#))

### Hospital / Healthcare Needs

**Needs:**

4 Dec:
- Kamachi Hospital (1 Radial Road, Pallikaranai, Chennai) - urgent food need for patients, no communications ([source](#)). Dec 3 [Image](#)
- Saveetha Hospital (62, Poonamallee High Road, Kanchipuram, Chennai) - 80 patients need food. Contact information in link: [Source](#) [Video](#)

**Hospital Impacts**

- Apollo Hospital Chennai [Website](#) [Twitter](#) [Facebook](#) All patients are safe. Relatives of International patients at Apollo Chennai may contact the hospitals through Facebook.
• Tambaram Taluk Government General Hospital at Chrompet partially flooded but operational [source Video]
• Global Hospitals in Perumbakkam flooded, most patients evacuated [source Video]
• MIOT International in Manapakkam flooding, power failure, some evacuations, public not able to reach them - unclear if it's a communications problem or staffing problem. ([source source])
• Saveetha Hospital flooding - 80 patients moved to 4th floor [source Video]

Public Health Concerns:
Fever and skin ailments likely to increase. ([source])

Hospitals:
• [Hospitals and medical colleges in Chennai District](#) via government
• [Practo Doctors List](#) Doctors available and hospitals via [@Practo](#)
• Aarogya Seva, Global Health Volunteer Alliance [@DoctorsforSeva](#) co-ordinating with @Practo and relaying urgent medical needs (Blood Donors, Oxygen Tanks). [http://www.aarogya.seva.org](http://www.aarogya.seva.org) [Aarogya Seva Facebook Page](#)

### Airports

**Airport Status:**
Chennai Airport is flooded and closed until at least 6 Dec.

**Alternate Airports for Rescue & Relief Operations:**
- Rajali Naval Air Station ([source](#))
- Arakkanam airfield
- Tirupati airfield
- Tambaram airfield ([source](#))
- Trichy airfield ([source](#))

### Maritime (Shipping, Ports)

**Status:**
[Port of Chennai](#)

**4 Dec:**
- Movement of containers at the Chennai Port has been severely impacted. The port is one of the busiest in the country. This will have a cascading impact for a prolonged period even after the floods are over. Containers are usually deployed to carry specialised items including machinery parts and even fully-built vehicles. ([source](#))

### Railways

**Status:**
4 Dec:
- The Southern Railway announced cancellation of all inter and intra-state train services till Saturday. ([source](#))

**Information:**
- [Ministry of Railways, @RailMinInd](#)
- Railways enquiries numbers in Chennai ([source](#))
  - General inquiries - 132
  - Arrivals and departures - 133

**Roads, Bridges**

**Information Links:**
- [Map of flooded streets in Chennai (crowdsourced)](#)

**Communications**

**Updates:**
- [Airtel](#) - offering free 10 minutes talk and 50Mb of data for prepaid customers in Chennai. Also extending service for postpaid customers with pending bills. ([source](#))
- [Vodafone](#) - Chennai customers affected by floods can make free calls & send messages from Vodafone stores. Water and refreshments will also be provided. ([source](#)) Vodafone is also offering free 10 minutes talk time and 100Mb data for prepaid customers and service extensions for postpaid customers. ([source](#))
- [MTS](#) - offering 1Gb of data free to customers affected by floods. ([source](#))
- [BSNL](#) - offering free calls and 100Mb of data for customers in Chennai ([source](#))

**Amateur Radio:**
- [Indian Amateur Radio](#)
- [Amateur Radio Society of India (ARSI)](#)
  - Address: c/o Linux Learning Centre Private Limited, 635, 6th Main Road, Next to Bank of India, Hanumanthnagar, Bangalore 560019
  - Tel: +91 (80) 2558 6006

**Water**

**Status of Water Supply**

**Power, Gas, Fuel**

**Status of Power:**
2 Dec:
- 60% of Chennai City is without power. ([source](#))

### Red Cross

#### Offices & Contact Information

**Indian Red Cross Society**

**Tamil Nadu State Branch**

Red Cross Building, 32, Montieth Road, Egmore

Chennai- 600 008

STD Code: 044

Tel (O): 28554548/28554425, Fax: 28586997

Email: ircstnb@gmail.com

### Pictures and Videos

#### Videos:

- 2 Dec: [Indian Air Force video of flooding from helicopter](#)
- 2 Dec: [Indian Troops battle deadly floods](#)
- 1 Dec: [Tamil Nadu Flood - Truck and motorcycle washed off bridge](#)
- 1 Dec: [Swift water Rescue, Chennai Flood waters](#)

### Facebook

#### Facebook Accounts of Interest

- National Disaster Response Force (NDRF)
- Ministry of Home Affairs
- Chennai Police - No Updates
- Chennai International Airport
- Apollo Hospitals

### Twitter

#### Hashtags:

**Official event hashtag:** #ChennaiRains #ChennaiRescue #ChennaiRainsHelp #Chennaivolunteer

**Other important hashtags:** #ChennaiFloods #ChennaiMicro

**Location Hashtags:** #TamilNadu #Chennai #Cuddalore #Puducherry #Thoraipakkam

#### Twitter Accounts of Interest:

- @NDRFHQ - National Disaster Response Force
- @NDMAIndia - National Disaster Management Authority
- @adgpi - Indian Army
- @RailMinIndia - Ministry of Railways
Snakes Hazards:
- For snake catching, rescues. Please contact wildlife biologist Nishant at 98-45-018969

Organizations Rescuing or Accepting Animals
- Blue Cross of India, @BlueCross - Call Sathya on 9789096602 for any animal rescues in Nagar, Nungambakkam area. (source)

Needs:
3 Dec:
- Blue Cross of India needs dry cloths, towels, food, medicines. (source)

Volunteers Reporting
Alice, Aline, Cat, Cindy, Clare, Joshua, Judi, Lloyd, Rachit, Srinivasan, Yogita