

Central Water Commission
Technical Documentation Directorate
Bhagirath(English)& Publicity Section

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Dated 31/11/12

Subject: Submission of News Clippings.

The News Clippings on Water Resources Development and allied subjects are enclosed for perusal of the Chairman, CWC, and Member (WP&P/D&R/RM), Central Water Commission. The soft copies of clippings have also been uploaded on the CWC website.

P. Maheshwari
3.11.12
SPA (Publicity)

Encl: As stated above.

Deputy Director (Publication)

C. S. Chakrabarti
31/11/2012

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For information of Chairman & Member (WP&P/D&R/R.M.), CWC and all concerned,
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Hindustan (Hindi)

Nav Bharat Times (Hindi)
Punjab Keshari (Hindi)
The Hindu
Rajasthan Patrika (Hindi)
Deccan Chronicle
Deccan Herald

M.P.Chronicle
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Indian Nation
Nai Duniya (Hindi)
The Times of India (A)
Blitz

and documented at Bhadrirath(English)& Publicity Section, CWC

Heavy rain brings Chennai to a halt

Many decide to stay put in office for night

SPECIAL CORRESPONDENT

CHENNAI

Rain lashed the city for several hours from 5 p.m. on Thursday throwing normal life out of gear. It caused flooding on roads, including Santhome High Road and G. N. Chetty Road in T. Nagar, EVK Sampath Salai in Vepery, G.P. Road and Rajiv Gandhi Salai. Subways were closed for traffic and motorists had to struggle with poor visibility.

Following a rain forecast for Friday, the Collectors of Chennai, Tiruvallur and Kancheepuram have declared a holiday for schools.

The rain affected the movement of several flights at Chennai airport and slowed down local trains on the Chennai Beach-Tambaram route. The core city and the southern suburbs bore the brunt of the rain. As of 10:30 p.m., Chennai recorded 11.9 cm, the Ennore port 4 cm and Meenambakkam 9.7 cm.

Though residents woke up to a warm day with Nungambakkam recording a maximum of 30.1 degree Celsius and Meenambakkam 30.4 degree Celsius, by 2 p.m. the skies darkened and the city witnessed widespread moderate rainfall.

T. Nagar resident Indu Raghuraman, who had started with her son for his violin class by 6 p.m., had to rush back half-way due to heavy showers.

"We had power till 9.30 p.m. despite very heavy rain accompanied by lightning and thunder. But after that, the supply went off. If it continues to rain like this through the night, our sewer lines will get

blocked," she said in a worried tone.

Many were stuck at their offices since visibility on the roads was very poor. R. Guruprasad, a resident of Velachery, said the residents were lucky that there was no water logging in his area despite the heavy rain on Thursday evening. "But there is no power supply. We hope it will be restored soon," he added.

However, the rain was mainly restricted to the city. Many areas in neighbouring Kancheepuram, excepting for those coming under city's southern suburbs, experienced only a drizzle, said V. Sundaram, a resident of Kancheepuram.

Ministers review work

At the Chennai Corporation, Fisheries Minister D. Jayakumar, Tamil Development Minister Ma Foi Pandiarajan, Revenue Minister R. B. Udayakumar and others met and reviewed the relief and rescue work carried out by the civic body.

"We have identified vulnerable locations but cannot prevent waterlogging. However, we can remove the water immediately. These spots should have motor sets, super suckers and JCBs to remove the water and the field-level staff should work efficiently," Mr. Udayakumar told *The Hindu*.

Meanwhile, the rains have lead to clogging and overflowing of sewer lines; sewage mixing with rainwater and a slow down in garbage clearance.

(With inputs from Vivek Narayanan, Sunitha Sekar, Aditi. R and Deepa H. Ramakrishnan)

an Times (Delhi)
त टाइम्स (दिल्ली)
ribune (Chandigarh)
Hindu (Chennai)

The Assam Tribune (Guwahati)
The Times of India (Mumbai)
The Telegraph (Kolkata)
हिन्दुस्तान (पटना)

The Deccan Herald (Bengluru)
The Deccan Chronical (Hyderabad)
Central Chronical (Bhopal)

Pilot flood forecast system being developed for city

Joint initiative by IIT-Madras, IIT-Bombay and Anna University

DEEPA H. RAMAKRISHNAN
CHENNAI

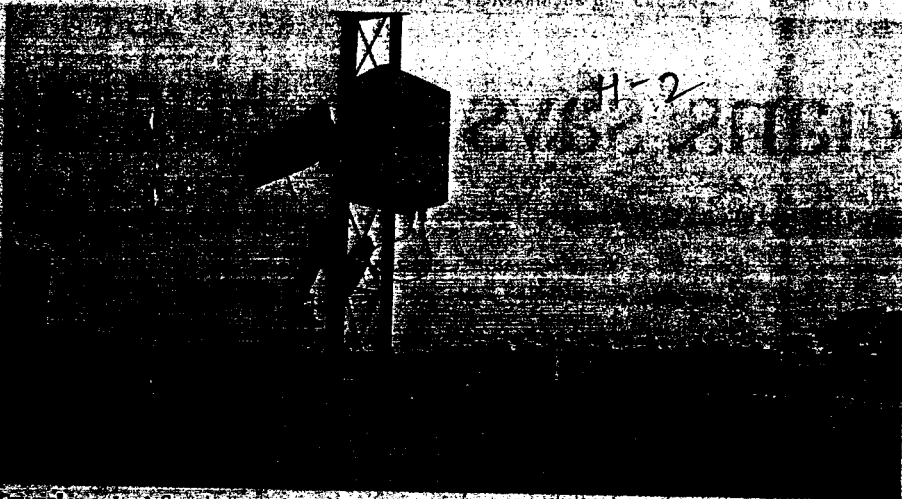
Even as civic agencies are taking steps to mitigate the effect of rain this northeast monsoon, IIT-Madras, IIT-Bombay and Anna University have come together to develop a pilot flood forecast system for the city.

Flood sensors are being installed at six locations near the Adyar, Kosasthalaiyar, Cooum and Kovalam basins to record the water level.

"Already, 15 rain gauges have been installed across river basins and students are measuring water flow in the rivers," said Balaji Narasimhan, Associate Professor, Civil Engineering Department, IIT-M.

The project is being taken up with funds from the Principal Scientific Adviser to the Government of India. While, IIT-M is developing a hydrological model by which it would predict the quantum of flow in the rivers, Anna University is developing the digital terrain model and mapping the storm water drain network. IIT-B is involved in improving the rainfall forecast estimates in collaboration with the National Centre for Medium Range Weather Forecasting.

"We will develop a numerical model and have it calibrated so that when rainfall is forecast, we can predict how much water will flow in the river. We hope to have an operational pilot flood forecasting system for Chennai rivers by the 2018 monsoon season. It would provide advance notice to line departments to take steps including evacuating people living close to rivers or timing water release from reservoirs," he said.



Critical inputs: A flood sensor installed at Saidapet by IIT-Madras. • K. PICHUMANI

MIT initiative on flood reporting

SANJAY VIJAYAKUMAR
CHENNAI

As heavy rain continues in Chennai, Massachusetts Institute of Technology (MIT)'s Urban Risk Lab has launched a crowd-sourced flood reporting platform, <https://riskmap.in>, for residents to share critical information with each other in real time.

"People affected by flooding and water-logging can add information to the web-based map using their preferred social media channels. By visiting the website, users can submit reports through Facebook Messenger, Twitter or Telegram," according to a statement.

According to Urban Risk Lab, an automated chatbot sends users a one-time link to add the

location, flood depth, photo and description. "Residents as well as government officials can view the map to see recent flood reports and understand changing flood conditions to avoid dangerous areas. For life-threatening situations, residents should continue to call emergency numbers," it added.

The RiskMap India project is supported by the TATA Center of Technology and Design set up by the TATA Trusts at MIT and is being piloted in Chennai in partnership with the Citizen Consumer and Civic Action Group.

The platform is being piloted to help both residents and the government obtain better information on real-time flooding conditions,

according to MIT.

RiskMap is powered by an open source software known as CogniCity—a geosocial intelligence framework that allows data to be collected and disseminated through mobile devices using social media networks. Developed by Dr. Tomas Holderness, Research Scientist at the Urban Risk Lab, CogniCity software is also currently being used to map flooding in Indonesia and the U.S.

The Urban Risk Lab at MIT focusses on developing methods, prototypes and technologies to embed risk reduction and preparedness into the design of cities and regions to increase the resilience of local communities.

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इस इम्रास्त को गिराने के लिए वर्ष

2015 में कोर्ट ने आदेश दिया था

लेकिन अभी तक काद के आदेश

को अवमानना की जा रही है। ऐसे

मै इन बिंदुओं को उजागर करने के

लिए माडिया को आगे आकर

आवाज उठाना चाहिए ताकि

जलमय हानि से पहले ही उपाय

किए जा सकें

गौरतलब है कि हाल ही

कोशस्थलै और गण्णर नदी के

आसपास हो रहे अतिक्रमण पर

टिप्पणी के बाद कमल हासन ने उन

इलाकों का दौरा कर बहाल करने वाले

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Hindustan Times
Hindustan
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गडकरी ने पीएमकेएसवाई परियोजना की समीक्षा की

पंजाब-3-11-17

नयी दिल्ली, (भाषा): जल संसाधन, नदी विकास मंत्री नितिन गडकरी ने अधिकारियों से ओडिशा, आंध्र प्रदेश और कर्नाटक में प्रधानमंत्री कृषि सिंचाई योजना से जुड़े परियोजनाओं की बिना किसी सूरी के पूरी करने की निर्देश दिया। नितिन गडकरी ने कल राई दिल्ली में एक उच्च स्तरीय बैठक में आंध्र प्रदेश, ओडिशा एवं कर्नाटक राज्यों में प्रधानमंत्री कृषि सिंचाई योजना (पीएमकेएसवाई) परियोजनाओं की समीक्षा की। आधिकारिक विज्ञप्ति के अनुसार इन राज्यों में विभिन्न पीएमकेएसवाई परियोजनाओं की प्रगति पर संतोष व्यक्त करते हुए गडकरी ने अधिकारियों को बिना किसी विलंब के निर्धारित समय सीमा के अनुसार



विभिन्न परियोजनाओं की कार्यान्वित करने की कहा। गडकरी ने कहा कि आंध्र प्रदेश की आठ पीएमकेएसवाई परियोजनाओं में से एक पूरी हो चुकी है और चालू विध वर्ष के दौरान यह पूरी हो जाएगी। उन्होंने कहा कि शेष एक परियोजना अगले विध वर्ष के दौरान पूरी होगी। ओडिशा के बारे में मंत्री ने कहा कि आठ पीएमकेएसवाई

परियोजनाओं में से दो पूरी हो चुकी हैं और चालू विध वर्ष के दौरान तीन पूरी हो जाएंगी। इसके अतिरिक्त शेष तीन परियोजनाएं अगले विध वर्ष के दौरान पूरी हो जाएंगी। कर्नाटक की एआईबीपी परियोजनाओं के बारे में गडकरी ने बताया कि एक परियोजना पूरी हो चुकी है और शेष चार अगले विध वर्ष के दौरान पूरी हो जाएंगी। मंत्रालय से प्राप्त जानकारी के अनुसार, इन सभी एआईबीपी परियोजनाओं के पूरी हो जाने के बाद आंध्र प्रदेश में 288 हजार हेक्टेयर की सिंचाई क्षमता का निर्माण होगा, ओडिशा में 125 हजार हेक्टेयर की सिंचाई क्षमता का निर्माण होगा तथा कर्नाटक में 230 हजार हेक्टेयर की सिंचाई क्षमता का निर्माण होगा।