

Central Water Commission  
Technical Documentation Directorate  
Bhagirath(English)& Publicity Section  
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West Block II, Wing No-5  
R K Puram, New Delhi – 66.

Dated 30.8.17

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.

*S. Maheshwari*  
30/8/17  
SPA (Publicity)

Encl: As stated above.

Deputy Director (Publication)

*Encl added*  
30/8/2017

Director (T.D.)

*Encl added*  
30/8

For information of Chairman & Member (WP&P/D&R/R.M.), CWC and all concerned,  
uploaded at [www.cwc.nic.in](http://www.cwc.nic.in)

*0/1*

दिनांक 20/8/17 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

Hindustan Times ( Delhi )

हिन्दुस्तान टाइम्स ( दिल्ली )

The Tribune ( Chandigarh )

The 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 )

## Flood situation improves in Assam, West Bengal

Heavy rainfall in Malda district, says an official

PRESS TRUST OF INDIA  
GUWAHATI/ KOLKATA

The overall flood situation in Assam and West Bengal improved on Tuesday.

One death was reported in Morigaon district, taking the toll in the third wave of flood to 74. The toll in Bengal remained 90, a senior official of the State government said.

Over one lakh people are still suffering across four districts in Assam. According to the Assam State Disaster Management Authority, one person was killed in Morigaon district.

The total number of per-

sons killed in this year's flood-related incidents in Assam went up to 158.

The Authority said that 1.02 lakh people were affected at present in Chirang, Morigaon, Nagaon and Karbi Anglong districts.

### Morigaon worst-hit

As per the report issued on Tuesday, Morigaon is the worst hit with more than 55,500 affected, followed by Nagaon with nearly 43,000 people affected in the calamity.

Currently, 288 villages are under water and nearly 12,000 hectares of crop area

is inundated, ASDMA said.

Dhansiri river at Numaligarh in Golaghat, Katakhal at Matizuri in Hailakandi and Kushiara at Karimganj town are flowing above the danger marks.

The Madhya Pradesh government has contributed ₹2 crore to Assam Chief Minister's Relief Fund.

Meanwhile, in Bengal, the death toll remained 90, a State government official said. "Though there were reports of heavy rainfall in some areas of Malda district, the overall situation in the six flood-hit districts is getting better," he said.

News item/letter/article/editorial published on 30/8/12 in the

Hindustan Times ✓  
Statesman  
The Times of India (N.D.)  
Indian Express  
Tribune  
Hindustan (Hindi)

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

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

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

# MUMBAI DROWNS IN MISERY

## WORST HIT AREAS



**200mm**  
(8 inch) of rains in less  
than 12 hours, 9 times  
more than the normal

World recorded more than  
**300mm**  
(12 inches)

Heaviest rains since  
July 2005, which  
almost submerged  
parts of the city



**LOCAL TRAIN  
SERVICES  
SUSPENDED**

**10 flights**  
cancelled, 7 diverted

IMD  
warns of  
deluge-like  
situation:  
schools &  
colleges shut

Bandra-Worli  
sealink shut for  
some time



Photos: TOI & Agencies

News item/letter/article/editorial published on 30/8/17 in the

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and documented at Bhagirathi(English) & Publicity Section, CW/C

## सरदार सरोवर बांध का जलस्तर 123.48 मी. पहुंचा

गांधीनगर/वड़ोदरा, (वात): गुजरात में नर्मदा नदी पर केवडिया में बने सरदार सरोवर बांध का जलस्तर 123.48 मीटर तक पहुंच गया है जो हाल में इसका जलस्तर बढ़ाये जाने के लिए लगाये गये 30 दरवाजों के पहले के छलकने के स्तर (ओवरफ्लो स्तर) 121.92 मी से करीब डेढ़ मी. ऊपर है। वड़ोदरा में इस बांध के बाढ़ नियंत्रण कक्ष से मिली जानकारी के अनुसार जलस्तर बढ़ रहा है। शाम छह बजे 123.48 मी था तथा पानी की आवक 40045 क्यूसेक थी। परियोजना के एक वरिष्ठ अधिकारी ने बताया कि नया ओवरफ्लो स्तर 138.68 मी. है पर इससे पहले भी गेट खोले जा सकते हैं। पूर्व में चूंकि पानी का सर्वोच्च स्तर 131.18 मीटर (ओवरफ्लो के दौरान) था जो 25 अगस्त 2013 को पहुंचा था इसलिए 131 मीटर तक जलस्तर के पहुंचने तक चिंता की कोई बात नहीं है।

पंजाब-30-8-17

News item/letter/article/editorial published on 30/8/17 in the

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नदियों में बदली सड़कें... नौसेना के हेलीकॉप्टर तैयार

# मायानगरी पानी-पानी



230-8-17  
पत्रिका न्यूज नेटवर्क

rajasthanpatrika.com

मुंबई सोमवार से जारी बारिश से देश की आर्थिक राजधानी मुंबई बेहाल हो गई है। मंगलवार को मुंबई में 10 घंटे में 6 इंच बारिश दर्ज की गई। शहर के कई इलाकों की सड़कें नदी में बदल गई हैं। जल भराव का असर असर ट्रेन और सड़क यातायात पर पड़ा है।

**06** राज्य मौसम विभाग ने अगले 24 घंटे में मुंबई और अगले तीन दिन तक महाराष्ट्र में भारी बारिश की चेतावनी जारी की है। राज्य सरकार ने बुधवार को अवकाश घोषित किया है, लेकिन जरूरी सेवाओं से जुड़े सरकारी कर्मचारी ऑनड्यूटी रहेंगे। बीएमसी के अनुसार मंगलवार सुबह 9 से शाम 7 बजे तक मुंबई में 6 इंच बारिश हुई है। वहीं इसी समय में पूर्वी मुंबई में 8 इंच, पश्चिमी मुंबई में 7 इंच बारिश हुई है।  
पढ़ें मायानगरी @ पेज 02

आन्वी मुंबई... मंगलवार को भारी बारिश के कारण मुंबई के ज्यादातर इलाकों में पानी भर गया।

महाराष्ट्र में तीन दिन का अलर्ट

सरकार ने बुधवार की छुट्टी घोषित की

एनडीआरएफ की पांच टीमें तैनात

भूस्खलन के कारण बेपटरी दुरंतो

ठाणे जिले में मंगलवार को भूस्खलन के कारण नागपुर-मुंबई दुरंतो एक्सप्रेस के 10 डिब्बे पटरी से उतर गए। रेलवे के अनुसार हादसे में किसी के हताहत होने या घायल होने की कोई खबर नहीं है।

उड़ानें भी रोकें

विजिबिलिटी कम होने के कारण छत्रपति शिवाजी इंटरनेशनल एयरपोर्ट पर 20 से ज्यादा फ्लाइट्स प्रभावित रहें। कई का रूट बदला।

बीएमसी ने सभी कर्मियों की छुट्टी रह की। 30,000 कर्मचारी मुंबई में तैनात।

लोकल ट्रेनें ठप...



मुंबई की लाइफ लाइन कही जाने वाली लोकल ट्रेनें भी पानी भरने के कारण नहीं चल पाईं। वेस्टर्न लाइन के अंधेरी से लेकर गोरेगांव तक जलभराव है, जिसके चलते यातायात भी लगभग ठप पड़ा है।

7 ट्रेनें कैसल, 11 का टाइम बदला गया

रिकॉल...

2005 में हुई थी 840 मिमी बारिश

26 जुलाई 2005 को मुंबई में भयानक बारिश हुई थी। इस दिन 840 एमएम बारिश हुई थी। उस समय मुंबई की रफ्तार रुक गई थी। कई लोग रातभर दफ्तरों में फंसे रहे थे।

उधर, बिहार में बाढ़ से 32 की मौत

नेपाल और बिहार में लगातार हुई भारी बारिश के कारण अचानक आई बाढ़ से पिछले 24 घंटों के दौरान 32 और लोगों की मौत के साथ प्रदेश में मरने वालों की संख्या बढ़कर 514 हो गई है।

# Rain brings Mumbai t

City records highest rainfall since 2005, paralysed services l

NEHA KULKARNI &  
ARITA SARKAR  
MUMBAI, AUGUST 29

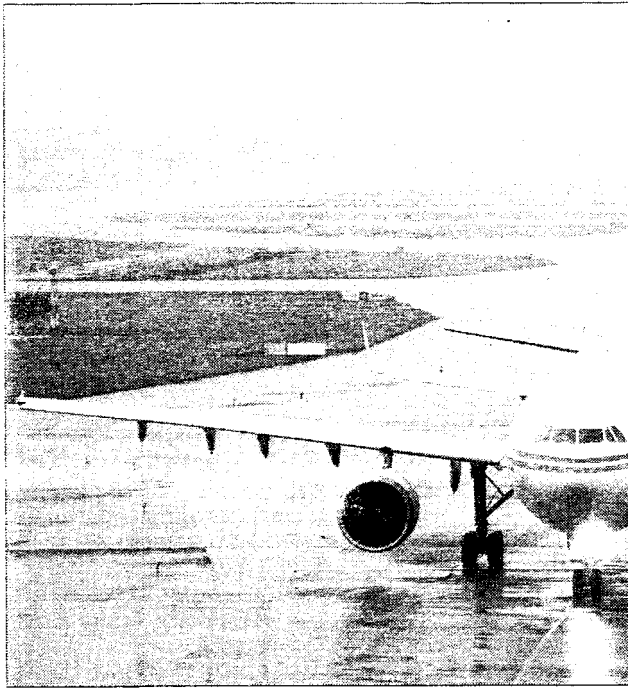
AMID FEARS of a repeat of the July 2005 deluge, the Indian Meteorological Department's weather station in suburban Mumbai recorded 315.8 mm of rain in 12 hours ending 8.30 pm on Tuesday, the highest such 12-hour precipitation ever recorded in Mumbai since the 944 mm rainfall recorded on July 26, 2005.

Even with state agencies and citizens relying on social media in a manner that would have been unthinkable in 2005, the delayed mid-morning advisories to citizens proved futile as the suburban railway, the financial capital's lifeline, remained paralysed from late afternoon until well past 9 pm, leaving harried citizens stranded in south Mumbai. A two-year-old girl, Ralyani Gopal Jangam, died when the shanty her family lives in collapsed in Parksite.

Even at 9 pm, traffic pile-ups in south Mumbai could not be completely resolved. Thousands of stranded citizens hunkered down in offices, schools, railway stations, and at strangers' homes, long after the rains slowed, with railway tracks still submerged and various roads still inundated.

Services on Central Railway's main and harbour lines remained suspended until 9 pm with waterlogging at various points. Officials said pumps installed to remove water proved inadequate. The first train after services were suspended started from Thane after 9 pm. "We are trying to resume services from Chhatrapati Shivaji Maharaj Terminus (CSMT) towards Thane. Services on the trans harbour line have resumed," an official said. Regular services in the direction of suburbs did not resume from Churchgate station until past 9.30 pm.

As commuters shared harrowing tales of being stuck in trains and in traffic for up to seven or eight hours, authorities appeared to have been taken by surprise. The IMD had issued a forecast of heavy to very heavy rains early Tuesday, but people were alerted by noon.



Planes queued up at Chhatrapati Shivaji International Airport, and diversions of flights were reported by evening due to heavy rain. Many passengers were stuck at the airport due to lack of local transport.

## WHAT WORKED :

AGENCIES followed various operating procedures set out for circumstances such as these. Agencies coordinated, NDRF was rushed in, Navy and Coast Guard were on guard and lifeguards at beaches were on high alert.

SOCIAL MEDIA, not so all-pervasive in 2005, was used by agencies as well as citizens to offer help, share information and updates. Mumbai Police, particularly, was excellent on Twitter, even offering help to citizens who tweeted information about where they were stranded.

UNLIKE 2005, the CCTV network now in place helped the Mumbai police to monitor major spots and try to manage traffic.

## AND WHAT DIDN'T :

MUMBAI'S FAMED suburban train services collapsed leading to a gridlock on the city's arterial roads, resulting in chaos for commuters.

THE PRE-MONSOON cleaning of drains, long seen as a scam-ridden and contractor-controlled, was simply not up to the mark.

CALM, SENSIBLE and well thought out advisories to citizens were missing. There were no messages in the morning hours though the IMD had predicted very heavy rains. By afternoon, agencies and politicians began tweeting, asking people not to venture out.

RAILWAY PA systems did not offer information on how many trains were bunched up ahead of a station.

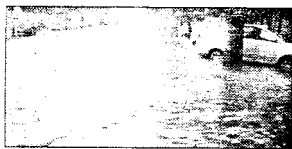
# Heavy rain to continue across Gujarat: Met

**EXPRESS NEWS SERVICE**  
AHMEDABAD, AUGUST 29

**HEAVY RAINFALL** lashed Gujarat, mostly the southern and Saurashtra districts, on Tuesday. The weather department has issued a forecast of heavy rainfall till September 2.

The India Meteorological Department (IMD) has attributed the heavy rainfall to "a well-marked low pressure area over south-west Madhya Pradesh and neighbouring areas along with an upper-air cyclonic circulation, which is likely to concentrate into a depression over Gujarat region and neighbouring areas" by Wednesday.

On Tuesday, Botad and Keshod taluka in Junagadh recorded the highest rainfall of 76.2 mm with Malia (Junagadh), Mahua (Bhavnagar), Maliya Miyana (Morbi) and Kawant (Vadodara) receiving over 50.8 mm of rain till the evening. Quant (Chhota Udepur), Mangrol (Junagadh), Vaso



**A waterlogged road in Ahmedabad.** Javed Raja

(Kheda), Petlad (Anand) and Jetpur Pavi (Chhota Udepur) are among the talukas to have received the maximum rainfall on Tuesday. The state has recorded 96.98 per cent average rainfall till August 29 this year.

Ahmedabad saw a sudden downpour in the evening with an average rainfall of around 25.4 mm. Maninagar recorded the highest rainfall at 60 mm followed by Chakudiya, Viratnagar and Odhav in the East zone with over 50 mm rain.

According to the state emergency operations centre, 39 reservoirs are completely filled, 31 are 99 per cent full and 17 have 80 to 99 per cent water.

**ASSAM FLOOD TOLL 74**

## Goods train services resume for NE states

**SAMUDRAGUPTA KASHYAP**

GUWAHATI, AUGUST 29

**MOVEMENT OF** trains to Assam and the Northeast resumed after 17 days on Tuesday with the railways moving a goods train on the line earlier damaged by floods between Sudhani and Telta stations in Bihar. However, movement of passenger trains will resume only on September 3, an official said.

The overall flood situation in Assam improved on Tuesday though a fresh death was reported in Morigaon district, taking the toll in the third wave of flood to 74. Over one lakh people are still suffering across four districts in the state. The Assam State Disaster Management Authority said that 288 villages are under water and nearly 12,000 hectares of crop area inundated.

The repaired track between



**A trial run on the track between Sudhani and Telta stations in Bihar.** NF Railway

Sudhani and Telta stations was certified fit by the Railways' engineering department on Tuesday afternoon, following which the first goods train left Sudhani station at 1.50 pm and reached Telta at 2.25 pm. The portion has been certified fit for a maximum speed of 10 kmph.

Northeast Frontier Railway CPRO Pranav Jyoti Sharma said, "The portion of repaired track will be kept under very close observation and the movement of passenger trains will commence on September 3," he said.

**MEANWHILE**

## 75-yr-old dies in Karnataka

**Mangaluru:** A 75-year-old man died when a shed near his house collapsed at Sullia in Dakshina Kannada district, even as heavy rains lashed the entire coastal region since Monday. Some other houses also collapsed in Sullia taluk, sources said. The meteorological department has predicted good rainfall in the coastal area in the next 24 hours.

## Kerala: 1 killed in landslide

**Wayanad:** A 48-year-old man was killed and another person injured in a landslide near a resort here Tuesday following heavy rains. Kunhu Muhammed died on the spot while 52-year old Unni has been admitted to a hospital in Kalpetta, police said. Holiday had been declared for all educational institutions barring professional colleges in the district for Tuesday, district officials said.

## Improvement in Odisha

**Bhubaneswar:** The flood-like situation in the three southern districts of Odisha, which were lashed by incessant rains on Monday, has improved slightly as water began to recede, though the road connectivity remained hit. The water levels of the rivers were going down as the intensity of rain decreased, officials said.

## Heavy rain likely in Bengal

**Kolkata:** The northern parts of West Bengal, some of which are yet to recover from the impact of flood, are likely to receive heavy rain from August 31, the Met department said on Tuesday.

**PTI**



The Times ( Delhi )  
 दूरदूर : दिल्ली  
 The Tribune ( Chandigarh )  
 The Hindu ( Chennai )

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

# Patients moved after M

King Edward Memorial, Nair and Sion hospitals deal with staff

TOI SHELAR  
 10/08/05

As many as 50 women patients, admitted to the King Edward Memorial (KEM) hospital in Parel, Mumbai, were shifted to higher floors after the ground floor was flooded on Tuesday following incessant rains. Doctors and relatives of patients had to wade through ankle deep water which entered all four wards on the ground floor.

The patients were evacuated from ward number 4, which comes under the medicine department. They were mostly admitted for viral fever and mosquito borne diseases. They were moved to five different wards on the floors above. The hospital's dean, Avinash Supre, said the hospital was flooded like this the last time during the 2005 deluge. "We have two pumps but they could not take the load as the pressure of the water was high," said Dr. Supre, adding that water began receding in the evening. "We cannot cancel any surgeries or other procedures."

## ICU not affected

The out-patient departments of the hospitals were less crowded. While the premises of civic-run Sion and Nair hospitals too were flooded, water did not enter the buildings. Sion hospital faced a power cut for two hours. "There was no electricity but the generator back up was immediately activated. None of the Intensive Care Units or other medical equipment running on electricity was affected" said acting dean Jayashree Mondkar, adding that the electricity was restored within two hours. She said the Sion area was flooded but the patients in the hospital were not affected as the wards were on the first level.

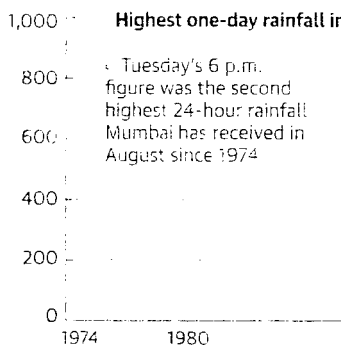
The area around Mumbai



**Sea of troubles:** People walk along flooded tracks at the Lower Parel

## Heavy downpour

The Santa Cruz meteorological station recorded a rainfall of 297.6 mm by 6 p.m. on Tuesday. This is the eighth highest single-day rainfall the city had received during the Monsoon season (June - Sept.) in the last 43 years



SOURCE: IMD, MUMBAI

Central's Nair Hospital was also flooded. Dean Ramesh Bharmal said the staff members who reported for morning duty had to work double shifts as many could not make it to work. He said the staff were given accommodation on the premises so that they did not have to head back home.

## Leptospirosis scare

Medical experts said those who had ventured out in the floods should beware of

leptospirosis. A bacterial infection, leptospirosis is transmitted to humans through rat and cattle urine. The infection is transmitted through unhealed wounds in the skin, abrasions and cuts, especially in the foot.

The most common symptoms of the disease are severe fever, chills, weakness, muscle ache and vomiting. Doctors suggested an immediate course of antibiotic penicillin for the affected.

of shortage, water-logged premises and power cuts following the deluge

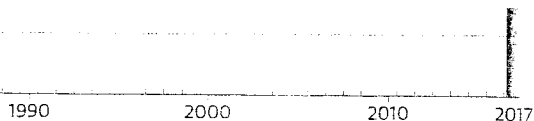


...rel station after train services were cancelled, leaving them stranded. (Right) Another flooded area in Parel. ■ EMMANUEL YOGINI

#### ...in Santa Cruz (mm)

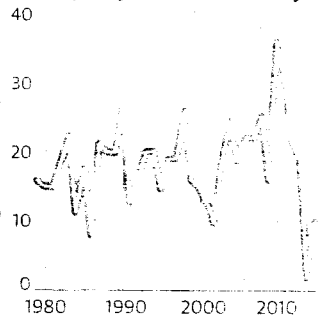
• The highest-ever 24-hour rainfall for month of August was recorded in 1997 when 346.2 mm of rain fell

**The highest-ever 24-hour rainfall was recorded on 26 July, 2005 when 944.2 mm of rain poured down**



• The number of extreme rain days\* in Mumbai peaked in 2010 and 2011 with 35 and 30 such days. Since then, there has been a trough (2 days in 2014)

#### Frequency of extreme-rain days\*



\*FREQUENCY OF DAYS HAVING RAINFALL GREATER THAN THE 95TH PERCENTILE OF THE SINGLE-DAY MAXIMUM OF THAT YEAR

## City breaches record with 297 mm rain

SPECIAL CORRESPONDENT  
NEW DELHI

Mumbai recorded a mammoth 297 mm of rain on Tuesday – the maximum registered in a day – since the deluge of 2005, according to data from the India Meteorological Department. In July of that year, the Santacruz station measured 944 mm of rain.

Though several stations

record rainfall, the ones at Santacruz and Colaba are the only ones with records dating back to the 19th century. The latter station posted 65 mm of rain as of 5:30 p.m. when official data were released for the day. The rain, which is expected to last for another 24 hours, is also the maximum recorded in a day in August since 1997 and is nearly 60%

of what Mumbai normally gets through the month.

IMD officials said rains were “extremely heavy” and part of a weather system that had originated in Madhya Pradesh and was moving westwards towards Saurashtra in Gujarat.

“This cannot be compared to the Mumbai floods of 2005,” said K.J. Ramesh, Director-General,

IMD. The heavy rains in Mumbai stand in contrast to the weak August rains registered across the country. The country has so far got 5% less rain than it normally gets between June 1 and August 28. This even as August – the second most important monsoon month – was supposed to get 99% of its historical, monthly average.