

News item/letter/article/editorial published on August 18 08 2015 in the

Hindustan Times	Nav Bharat Times (Hindi)	M.P. Chronicle
Statesman	Punjab Keshari (Hindi)	A a j (Hindi)
The Times of India (N.D.)	The Hindu	Indian Nation
Indian Express	Rajasthan Patrika (Hindi)	Nai Duniya (Hindi)
Tribune	Deccan Chronicle	The Times of India (A)
Hindustan (Hindi)	Deccan Herald	Blitz

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

# Page out of innovation: A book that filters water

**Kounteya.Sinha**  
@timesgroup.com

**London:** The next time you want to get clean water, all you need to do is tear a page from your very own "drinkable super book".

Scientists have created pages which are impregnated with bacteria-killing metal nanoparticles — a highly inexpensive, simple and easily transportable nanotechnology-based method to purify

**Each page can be removed from the book and slid into a special holding device in which water is poured through and filtered**

drinking water. Printed on each page is information on water safety, both in English and the language spoken by those living where the filter is

to be used. Each page can be removed from the book and slid into a special holding device in which water is poured through and filtered.

A page can clean up to 26 gallons (100 litres) of drinking water; a book can filter one person's water needs for four years. The discovery was made by Theresa Dankovich while studying the material properties of paper.

*For the full report, log on to [www.timesofindia.com](http://www.timesofindia.com)*

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Deccan Herald

M.P. Chronicle

Aaj (Hindi)

Indian Nation

Nai Dunia (Hindi)

The Times of India (A)

Blitz

and documented at Bhagirath(English) & Publicity Section, C.V.C.

# Countrywide rain deficit 10%: IMD

TRIBUNE NEWS SERVICE

NEW DELHI, AUGUST 17

Facing a highly patchy distribution of rain with some areas battling floods, the country-wide monsoon is expected to be deficient as the season progresses. The overall deficiency — 10 per cent as on date — is likely to be around 12 per cent by the end of the four-month season.

The India Meteorological Department (IMD) has forecast 16 per cent deficiency for the last two months of the season — August and September. The current 10 per cent deficit is expected to widen further to 12 per cent, says IMD Director General Laxman Singh Rathore.

This spells bad news for kharif crop in areas that are not irrigated, especially in Maharashtra, Karnataka, Telangana, Andhra Pradesh, Bihar and eastern Uttar Pradesh. The country is facing a huge rainfall deficiency in many pockets. For exam-

## States in the red

■ East Uttar Pradesh is leading with a deficit of 36%.

■ It is followed by Punjab (29%), west UP (27%), Haryana, Chandigarh and Delhi (21); Himachal (10%) and Uttarakhand (13%)

## Flood warning in UP, Bihar, WB & Assam

■ A flood warning has been issued to UP, Bihar, Assam and West Bengal due to possibility of heavy rain over next four days

■ India Meteorological Department said the rainfall would lead to swelling of rivers Kosi, Gandak and Ghaghara, tributaries of Ganga and all tributaries of Brahmaputra.

■ This will possibly lead to flooding of plains in east UP, Bihar, Assam and sub-Himalayan parts of West Bengal, said IMD

## Overall rain shortfall

10% Countrywide deficiency

12% East and North-East

9% Central India

20% South peninsula

ple, even though northwest India is currently the best performing among the four geographical subdivisions of India, with one per cent excess rains it is largely on the back of surplus recorded by Jammu and Kashmir and Rajasthan.

A majority of subdivisions in the region, including hills states Uttarakhand and Himachal Pradesh, are in the red. East Uttar Pradesh is leading with a deficit of 36 per cent. It is closely followed by Punjab (29 per cent), west Uttar

Pradesh (27 per cent), Haryana, Chandigarh and Delhi (21 per cent), Himachal Pradesh (10 per cent) and Uttarakhand (13 per cent).

In comparison, west Rajasthan has so far recorded 87 per cent excess rains, east Rajasthan 22 per cent and Jammu and Kashmir 21 excess rains. There is 48 per cent rainfall deficiency in Marathwada in Maharashtra, 45 per cent in north interior parts of Karnataka, 36 per cent in both eastern UP and in Rayalaseema in Andhra

Pradesh, 33 per cent in central Maharashtra and 23 per cent in Telangana.

The government had last week announced a relief package of Rs 300 crore to provide diesel and seed subsidy, among others, to farmers with a view to saving standing kharif crops in the eventuality of drought and deficit rainfall. Such measures are for helping the farmers in rain-deficient areas of Marathwada, Rayalaseema, north-interior Karnataka and Bihar and eastern UP.

News Item/letter/article/editorial published on August-18-8-2015 in the

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Statesman ✓	Punjab Keshari (Hindi)	A. & J. (Hindi)
The Times of India (M.D.)	The Hindu	Indian Nation
Indian Express	Rajasthan Patrika (Hindi)	Nai Duniya (Hindi)
Tribune	Deccan Chronicle	The Times of India (A)
Hindustan (Hindi)	Deccan Herald	Elite

and documented at Bhadrath(English) & Publicity Section, CV/C

## YAMUNA CROSSES WARNING MARK

**STATESMAN NEWS SERVICE**

New Delhi, 17 August

With the Yamuna crossing the warning mark of 204.00 metre today, Delhi government swung into action and told people residing in low-lying areas to stay alert for evacuation.

Yamuna water level at 4 pm at Old Yamuna Bridge was at 204.26 metre, which is above the warning level of 204.00 metre. So far no area in Dethi is affected with the rise in the water level, officials said.

Revenue Department's Deputy Commissioner (East) Kunal said the rising water levels are within the danger mark. He also informed that Hathnikund barrage yesterday released 90,000 cusec water which takes 36 hours to reach Dethi.

"It takes a couple of days

for the water to reach the capital from Hathnikund and the level at Old Delhi railway bridge is expected to touch maximum of 204.60 meter by tonight which will further descend and will not cross the danger level of 204.83 meter," Kunal said.

All the senior officers are on alert and are monitoring the situation which is under control.

Danger levels are monitored keeping the water level at the Old Railway Bridge as a reference.

"We are taking precautions and announcements have been made to caution people residing in the basin area. All the Resident Welfare Associations (RWAs) and pradhans of area living near the river bed have been asked to stay alert. All district control rooms are monitoring the situation," Kunal said.

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Nai Dunia (Hindi)

The Times of India (A)

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and documented at Bhadrathi(English) & Publicity Section, DVC.

# Monsoon 10 p.c. below normal so far

TCA Sharad Raghavan

**NEW DELHI:** The India Meteorological Department on Monday said the monsoon was currently 10 per cent below normal, just 2 per cent better than its prediction at the beginning of the season. A deficit of more than 10 per cent for the entire June-September period is considered a drought. A strengthening El Nino weather pattern has trimmed rainfall, the IMD said. Private weather forecaster Skymet, however, has kept to its prediction of a normal monsoon. "Two weeks ago, we revised our prediction downwards to 98 per cent. The monsoon has been deficient by 9.75 per cent for a while now, and will continue to be like that for the next 2-3 days. After that, the deficit could reduce," said G.P. Sharma, vice-president (meteorology) at Skymet.



*'The effect of deficient rainfall for two years in a row on agriculture is disastrous.'* - FILE PHOTO: AP

"We are running our model and will come out with any revisions to our prediction, if needed, by the 20-23rd of this month. But for now we stand by our prediction," Mr. Sharma added.

## Consecutive droughts rare

A drought this year as well will mark 2014 and 2015 as

rare occasions when India has suffered two years of consecutive droughts. This happened only thrice before since 1900 — in 1904-05, 1965-66 and 1986-87.

"There could be a cause for worry... The effect on agriculture of deficient rainfall two years in a row is much more disastrous — the detrimental effect can be more

than double the effect of a single year of deficient rainfall," former Planning Commission member and economist Abhijit Sen told *The Hindu* in June when the IMD had first made its prediction of a 12 per cent deficiency in monsoon.

At that time, Finance Minister Arun Jaitley had sought to allay fears of higher inflation or grain shortage. "The IMD's predictions appear to be suggesting that we will be somewhat closer to the normal in South, Central and North-East zones. The slight inadequacy, if at all, is in the North-West and a large part of North-West has substantial irrigation facility also. Assuming that the advance predictions are correct, on account of geographical distribution the impact on foodgrain production may not be very significant," Mr. Jaitley had said.

News item/fiction/article/editorial published on August 18.8.2015 in the

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Indian Express

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Punjab Keshari (Hindi)

The Hindu

Rajasthan Patrika (Hindi)

Deccan Chronicle

Deccan Herald

M.F. Chronicle

A. & J. (Hindi)

Indian Nation

Uttar Duniya (Hindi)

The Times of India (A)

Blitz

and documented at Phegiraith/English & Publicity Section, CWC.

# Delhi govt seeks foreign help to clean up Yamuna

**LIFELINE** The Capital wrote to various countries for suggestions, technological expertise; Israel, Australia gave a presentation on it

**Faizan Haider**

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**NEW DELHI:** The embassies of Israel and Australia have suggested ways to clean the Yamuna and develop its riverbed on the Delhi government's request.

Government sources said Delhi had written to various countries seeking technological expertise to clean up the severely polluted lifeline of Delhi. Britain, the Netherlands and Germany have responded while Israel and Australia have even given a presentation on the topic.

"They have been contacted for bringing in the technology for rejuvenating Yamuna. Japan is also getting in touch. After consulting these countries, we will decide on the best practice and may take the help of three or four countries," said a Delhi government official.

The public works department (PWD) is also planning to form a separate body to revive the river by creating a green mesh around it. Last week, chief minister Arvind Kejriwal and union water resources minister Uma Bharti decided to set this up as an autonomous special purpose vehicle (SPV) to clean up the Yamuna.

While the government is yet to flesh out the duties of the body, officials said it was likely to be given powers to take any decision regarding the clean up.

Eco parks, walkways and cycle tracks are also in the works to bring people closer to the river.

One of the major problems plaguing the implementation of clean-up plans has been the multiplicity of agencies involved.

While most of the land around the river is owned by the DDA, numerous agencies are responsible for the river and its water.

However, the proposed SPV is expected to have the final say on implementation.

Recently, the NDMC decided



■ A study in 2012 showed that vegetables grown along the Yamuna contained high levels of nickel, manganese and lead. HT PHOTO

to start levying an environment compensation fee on households under its jurisdiction to fund sewage treatment plants (STPs) to prevent direct flow of sewage into the Yamuna.

## YAMUNA BREACHES WARNING MARK

Due to consistent rain, water level of the Yamuna has breached the warning mark and is now close to the 'danger level'.

"Water level at Old Yamuna Bridge was 204.26 meter. Warning level is 204 meter while danger level is 204.83 meter. So far no areas are affected by it," said a Delhi government official.

According to the government, this has been conveyed to the area sub-divisional magistrates (SDMs) and evacuation will be planned once the level reaches the danger mark.

News from the editorial published on August 18-19-2018 in the

Hindustan Times  
Statesman  
The Times of India (B.L.),  
Indian Express  
Tribune  
Hindustan (Hindi)

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

M.P. Chronicle  
A. A. (Hindi)  
Indian Nation  
Kai Duniya (Hindi)  
The Times of India (A)  
Bihar

and documented at the Directorate (English) & Publicity Section, DWS.

प्रयोग ♦ ईंधन के तौर पर शुगर का इस्तेमाल, अभी दो और छोड़े जाएंगे

# नासिक : बारिश के लिए छोड़ा रॉकेट

नासिक @ पत्रिका-15  
patrika.com/india

बारिश की राह देख रहे नासिक के लोगों का इंतजार जल्द खत्म होगा। लगातार दो विफल प्रयासों के बाद शनिवार को रॉकेट सफलतापूर्वक छोड़ दिया गया। अब कुछ दिन बाद बारी-बारी से 2 और रॉकेट दोगे जाएंगे और नासिक के आसमान में बादल छा जाएंगे। येओला तालुका के सूखाग्रस्त साइगांव में मुंबई स्थित इंटरनेशनल स्कूल ऑफ प्रोफेशनल स्टडीज (आईएसपीएस) ने शनिवार

को कृत्रिम बादल बनाने के लिए रॉकेट छोड़ा। अधिकारियों ने शुगर को ईंधन के तौर पर इस्तेमाल करते बादलों की जांच के लिए रॉकेट छोड़ा। कृत्रिम बारिश की इस कोशिश के लिए 3 रॉकेट इस्तेमाल किए जाने थे। इसमें से केवल एक ही शनिवार को छोड़ा। यह देखते हुए कि मौसम में खास सुधार नहीं हुआ है, बाकी 2 रॉकेटों को नहीं छोड़ा गया है।

आईएसपीएस सदस्य अब्दुल रहमान वानू ने बताया कि छोड़ा गया रॉकेट जरूरत के मुताबिक ऊंचाई



तक पहुंचा और जिन बादलों को निशाना बनाया था उसी दिशा में गया। उन्होंने बताया कि टीम के सदस्य 25 अगस्त को वापस लौटकर फिर से बारिश कराने की कोशिश करेंगे।

## यह विधि इस्तेमाल

रॉकेटों का सिल्वर आयोडाइड आकाश में जा बादल बनाता है। कुछ मिनटों के अंतराल पर बादलों को निशाना बना कर रॉकेट छोड़े जाते हैं। एक रॉकेट छोड़ने के 50 मिनट के भीतर बारिश की संभावना बन जाती है।

## ये सफलता संभव

कृत्रिम बारिश के लिए हेलीकॉप्टर तकनीक इस्तेमाल होती है पर रॉकेट विधि से महंगी है। रॉकेट 10 किमी दूर बादलों के पीले केंद्र पर निशाना लगाता है। इसमें 80 फीसदी व हेलीकॉप्टर में 40% कामयाबी मिलती है।

टीम शुक्रवार शाम से इलाके में कैंप कर रही थी। मकसद रॉकेट छोड़ने से पहले सही जगह और सही स्थिति की पहचान करना था ताकि सफलता की संभावना ज्यादा हो। मौसम को भी देखना-परखना जरूरी था।

**अब्दुल रहमान वानू**, आईएसपीएस सदस्य

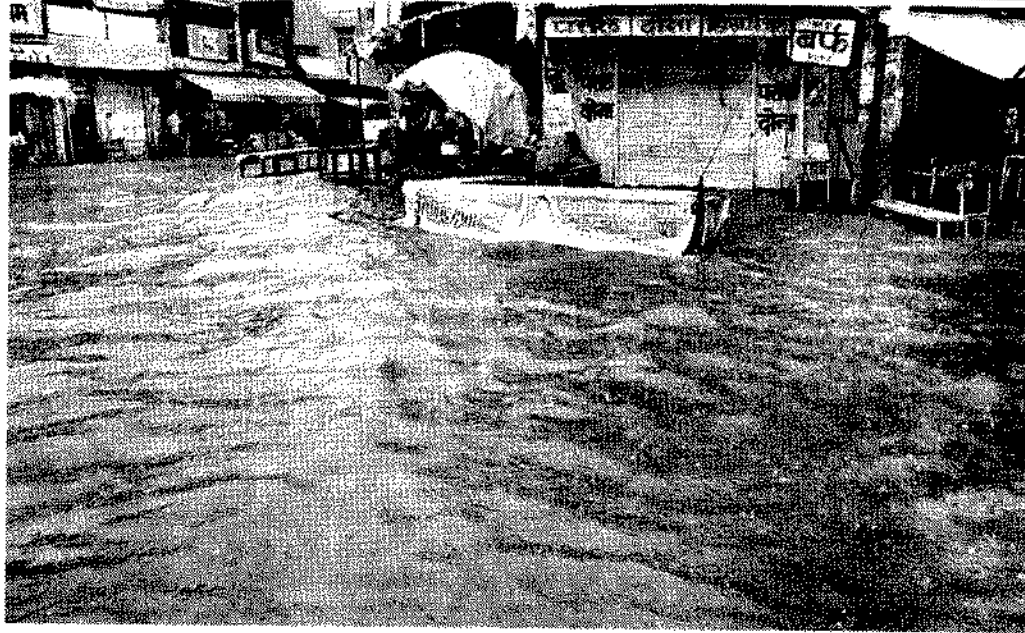
Hindustan Times  
Statesman  
The Times of India (N.D.)  
Indian Express  
Tribuna  
Hindustan (Hindi)

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

M.F. Chronicle  
Aaj (Hindi)  
Indian Nation  
Mai Duniya (Hindi)  
The Times of India (A)  
Bharat

and documented at Ehasrath(English) & Publicity Section, CMIC.

## यहां बढ़ते पानी ने उम्मीदवारों के समर्थकों को भगाया, वहां जीप को बहाया



कोटा . बारां में सोमवार को हुई बरसात से प्रतापचोक पर भरे पानी में डूबे प्रत्याक्षियों के काउंटर। पानी बढ़ता देख समर्थक काउंटर छोड़ कर चले गए एवं बूंदी के मीरगोट से जैतसागर रोड स्थित जाले में सोमवार दोपहर बाद गिरी जीप। पत्रिका

पत्रिका - 18-8-15

## बारां में 7 घंटे में 4 इंच पानी बरसा

बारां @ पत्रिका

patrika.com/state

बारां शहर में सुबह 8 से दोपहर ढाई बजे तक चार इंच बारिश रिकार्ड की गई। बूंदी में बारिश से सड़कों में पानी बह निकला। बूंदी जिले में झालीजी का बराना-गेण्डोली, करवर-इंद्रगढ़ मार्ग बंद हो गया। झालावाड़ में कालीसिंध बांध व भीमसागर से गेट खोलकर पानी की निकासी की गई। कोटा में दिनभर 39.6 एमएम बरसात हुई। रावतभाटा के

राणाप्रताप सागर बांध से सोमवार को 46352, जवाहर सागर डैम से 29656 तथा कोटा बैराज के पांच गेट खोल कर 45625 क्यूसेक पानी छोड़ा गया। गांधी सागर बांध से 8766 क्यूसेक पानी छोड़ा गया। भीलवाड़ा के हमीरगढ़ क्षेत्र में सर्वाधिक 60 मिलीमीटर यानी सवा दो इंच बारिश रिकार्ड की गई। चित्तौड़गढ़ जिले के गंगार व कपासन में 55 मिमी यानी दो इंच से ज्यादा बारिश रही।

डूबने से छात्र की मौत, परिजन विद्यालय में ले आए शव

इंगरपुर जिले के ओडाबड़ा गांव के राजकीय उच्च प्राथमिक विद्यालय में अध्ययन एक छात्र अजय खराड़ी (13) की सोमवार को तलाब में डूबने से मौत हो गई। अज्ञात परिजनों व ग्रामीणों ने शव को विद्यालय के बरामदे में ले जाकर रख दिया तथा शिक्षकों पर लापरवाही का आरोप लगाते हुए कार्यवाई की मांग की। पुलिस के अनुसार साराही कक्षा में अध्ययनरत

अजय सोमवार को भोजनावकाश के दौरान विद्यालय से निकला और कुछ दूर तलाब में नहाने उतरा। इस दौरान गहरे पानी में चले जाने पर डूब गया। बाद में ब्लॉक शिक्षा अधिकारी राजेश कटारा ने अध्यापक सतिलाल डामोर को हटा दिया। उपर भीलवाड़ा के पोटला गांव में नदी पर बने एबीकट में डूबने से युवक जगदीश टेलर की मौत हो गई।

World's largest circulation newspaper published on 18/08/15

The Indian Times

Shahjahan

The Times of India

The Express

The Times

The Indian (Hindi)

The Indian Times (Hindi)

The Indian Times (Hindi)

The Indian

The Indian Times (Hindi)

The Indian Times

The Indian Times

The Indian Times

The Indian Times

The Indian Times

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The Indian Times

INDIAN TIMES PUBLISHED BY THE INDIAN TIMES PUBLICATIONS, SHAHJAHAN, DELHI

**बारिश ने चिंता बढ़ाई** हरियाणा के हथिनी कुंड बैराज से छोड़ा अतिरिक्त पानी

# यमुना ने बजाई खतरे की घंटी

ब्यूरो/नई दिल्ली

पहाड़ों में हो रही बारिश का असर अब दिल्ली की यमुना नदी पर भी दिखाई देने लगा है। भारी बारिश की वजह से नदियां उफान पर हैं। यही वजह है कि हथिनीकुंड बैराज से पानी छोड़े जाने के बाद दिल्ली में यमुना का जलस्तर बढ़ता हुआ दिखाई दिया। हर साल को तरह इस साल भी दिल्ली में बाढ़ का खतरा एक बार फिर सामने आता नजर आ रहा है। मिली जानकारी के



मुताबिक हरियाणा के हथिनीकुंड बैराज से छोड़े गए पानी से दिल्ली में यमुना के जलस्तर ने वार्निंग

लेवल (204.8) को क्रॉस कर लिया है। शाम 4 बजे पुरानी दिल्ली ब्रिज के पास 204.26 दर्ज किया

गया। हालांकि अभी खतरे के निशान को क्रॉस नहीं किया है। हरियाणा से लगातार पानी छोड़े जाने को लेकर दिल्ली में भले ही बाढ़ का खतरा बढ़ गया है, लेकिन दिल्ली सरकार ने तैयारी पूरी होने का दावा किया है। सरकार का कहना है कि चिंता को कोई बात नहीं है। सरकार ने सभी इंतजाम किए हुए हैं। बहरहाल यमुना पुश्ते से जुड़ी कालोनियों के लोगों ने एहतियात के तौर पर अपना सामान इकट्ठा कर लिया है।

18-8-15



दिनांक 18.3.2011 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

Hindustan Times ( Delhi )  
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दिल्ली-एनसीआर के कई इलाकों में सोमवार को बारिश हुई।

## यमुना का वॉटर लेवल बढ़ा, अलर्ट

■ प्रस, नई दिल्ली : हरियाणा के हथिनीकुंड बैराज से संडे को यमुना में छोड़े गए पानी की वजह से दिल्ली में यमुना का जलस्तर अचानक बढ़ गया है। सोमवार की शाम को अधिकारियों ने कहना था कि देर रात या मंगलवार की तड़के जलस्तर में और बढ़ोतरी होगी, लेकिन फिलहाल यमुना के खतरे के निशान को पार करने की संभावना कम है। हालांकि सभी संबंधित अधिकारी अलर्ट पर हैं, लेकिन अभी किसी इलाके को खाली नहीं कराया गया है।

ईस्ट डिस्ट्रिक्ट के डीएम कुणाल ने बताया कि सोमवार की शाम 4 बजे तक ओल्ड यमुना ब्रिज पर यमुना का लेवल बढ़कर 204.26 मीटर तक पहुंच चुका

था। दिल्ली में यमुना के जलस्तर का वर्तमान लेवल 204 मीटर है, यानी इस लिहाज से देखा जाए, तो यमुना का जलस्तर वर्तमान लेवल को पार कर चुका है, लेकिन डेंजर लेवल 204.83 मीटर है और

जलस्तर के डेंजर लेवल क्रॉस करने की संभावना अभी कम ही है। डीएम ने बताया कि दरअसल संडे की शाम को हथिनीकुंड बैराज से 90 हजार क्यूसेक पानी छोड़ा गया था, जो

मंगलवार तड़के 4 बजे तक दिल्ली पहुंचेगा और उसकी वजह से यमुना का जलस्तर बढ़कर 204.6 मीटर तक पहुंच सकता है लेकिन चूंकि मंडे को ज्यादा पानी नहीं छोड़ा गया है, ऐसे में खतरे के निशान को पार करने की संभावना कम है।



दिनांक 18.08.15 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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# Deficient rain, hail take toll on foodgrain production

Agriculture Ministry estimates say output fell by 4.6% over last season

**VIBHA SHARMA**  
TRIBUNE NEWS SERVICE

NEW DELHI, AUGUST 17

A deficient monsoon in 2014 and unseasonal rain and hailstorm during February-March this year set India's foodgrain production back by 12.36 million tonnes (MT) in the 2014-15 crop year (July-June).

The countrywide output achieved this year will be 252.68 MT, which is 4.6 per cent lower than 265.04 MT registered during the 2013-14 crop year, the Agriculture Ministry today said. However, according to officials, there is nothing to be worried about; the country is sitting on surplus stocks, sufficient to take care of exigencies, if any.

The ministry revised its earlier estimates of the production of foodgrain along with pulses and oilseeds, which India has to depend upon imports to meet the domestic requirement.

"As a result of a setback in kharif as well as rabi seasons, the production of most of the crops in the country declined during 2014-15," the ministry said. Wheat, rice, coarse cereals like maize and pulses are part of the foodgrain basket.

The fourth advance estimates are released around July/August by when fully firmed up data on area as well as yield of kharif and rabi



## What the ministry's estimates say

Crop	Production	
	2014-15	2013-14
Rice	104.80 MT	106.65 MT
Wheat	88.94 MT	95.85 MT
Cereals	41.75 MT	43.29 MT
Pulses	17.20 MT	19.25 MT
Oilseeds	26.68 MT	32.75 MT

crops are expected to be available with states. The data is considered almost as good as final estimates released in February along with second advance estimates for the subsequent agricultural year.

This is not positive news for a country which is staring at deficient rains in many parts in the ongoing monsoon season. India received 12 per cent deficient rains in 2014 and 2015 and is expected to end with a similar shortfall.

## Monsoon 10% deficient

The countrywide monsoon is 10% deficient as on date and is likely to be 12% by the end of the four-month season

The IMD has forecast 16% deficiency for August and Sept

This spells bad news for kharif crops in Maharashtra, Karnataka, Andhra Pradesh, Bihar and Uttar Pradesh P9

Though the sowing data has been encouraging so far, the expected underperformance by monsoon in last two months of the season (August and September) may adversely affect regions that are largely rain-fed. A large part of country's agricultural tracts (almost two-thirds) are dependent on rains.

In the ongoing Kharif season, crops have been sown in 890.82 lakh hectares till August 14 as against 863.61 lakh hectares in the same

period a year ago. The sowing of pulses and oilseeds has remained robust on the back of good spells in June and July. However the monsoon's performance in the last two months is crucial for this year's kharif output.

According to the figures released by the fourth advance estimates, the production of rice is estimated at 104.80 MT, which is lower by 1.85 MT than the last year's record production of 106.65 MT.

Estimated at 88.94 MT, the production of wheat is lower by 6.91 MT of the record production (95.85 MT) achieved during 2013-14. The total production of coarse cereals estimated at 41.75 MT is also lower by 1.54 MT than their production during 2013-14.

Pulses at 17.20 MT are lower by 2.05 MT than their production during the last year. With a decrease of 6.07 MT over the last year, the total production of oilseeds is estimated at 26.68 MT.

However, the sugarcane production is estimated at 359.33 MT— higher by 7.19 MT as compared to the last year. The total production of cotton estimated at 35.48 million bales (of 170 kg each) is marginally lower than the last year but higher by 3.01 million bales than the average production of the last five years.

12/08/2017 15:00:00 को डिजिटल राशिचार पर मे प्रकाशित हो गया/ बालू राज श्री राशिचार

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# Monsoon deficit grows to 10% after poor Aug rains

Amit Bhattacharya &  
 Vishwa Mohan | TNN

**New Delhi:** Sub-par rainfall across India for more than two weeks has pushed the monsoon deficit to 10% below normal, increasing worries of a second successive drought year in the country. Average all-India rainfall was 5% below normal at the beginning of August but had doubled by Independence Day due to rains remaining consistently below average during the fortnight. August so far has seen 17% below-normal rain.

A shortfall of 10% or more for the entire monsoon season (June to September) is considered a drought year.

Agriculturally, however, the situation remains better than last year, when monsoon ended with a 12% deficit, because of plentiful rains in June and a few good



**ENROUTE DROUGHT?** Average all-India rainfall was 5% below normal at the beginning of August, but had doubled by Independence Day

spells since then in different parts of the country. This is reflected in the sown area figures for the kharif crop, which was estimated to be 890 lakh hectares as on August 14, some 27 lakh hectares more than the corresponding figure last year.

But concern for standing crops has been growing. Last week, the Centre approved proposals for initiating a series of farmer-

friendly interventions for the kharif crop and sanctioned an additional Rs 300 crore for the purpose.

Met officials said monsoon has remained low key in August due to absence of large scale rain systems typical of this time of the year. "In August, monsoon has remained mostly convective, that is, heat-related short period rain. The same pattern is likely to continue

for another 10 days, with a few ups and downs. We may see a large scale revival by the end of this month or early September," said D Sivananda Pai, IMD lead monsoon forecaster.

With nearly two-thirds of the monsoon season over, possible drought regions have started emerging. One clear region of high distress is Marathwada (rain deficit 48%), north interior Karnataka (45%), Rayalseema (38%) and surrounding areas. Other rain-deficit areas are emerging in the northern plains, with east Uttar Pradesh (36%) and Bihar (32%) showing the highest deficiency as of now.

IMD has predicted a 12% monsoon shortfall this year, mainly on account of unfavourable conditions for rains during the season due to El Nino conditions in the Pacific, which continue to grow stronger.

दिनांक 17.03.2015 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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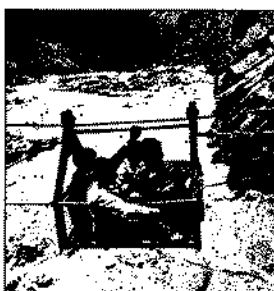
## 'Make disaster study must for projects'

Vishwa Mohan &  
 Pradeep Thakur | TNN

**New Delhi:** Flagging the direct correlation between development activities and disaster in ecologically sensitive regions, home ministry's National Institute of Disaster Management (NIDM) has urged the government to carry out 'disaster impact assessment' of proposed hydropower projects in fragile zones before they are cleared.

It says a comprehensive assessment on this count should be made mandatory along with the 'environmental impact assessment' (EIA) currently required for project clearance.

In a recent report, the NIDM had elaborated on how largescale deforestation and development activities had contributed to the Uttarakhand disaster in 2013, while also specifically noting the vulnerability of the state due to hydropower projects. It said in the June 2013 floods, the muck dumped by the 330-MW Srinagar hydroelectric project may have intensified the factors responsible for causing damage



**SAFETY FIRST**

downstream. The NIDM thus suggested that the government look for alternative sources of renewable energy like solar, wind and bio-mass, in the Himalayan region. At present, the environment and forests ministry through 'environmental appraisal committees', carries out the EIA help determine a project's environmental, social and economic impact prior to decision-making.

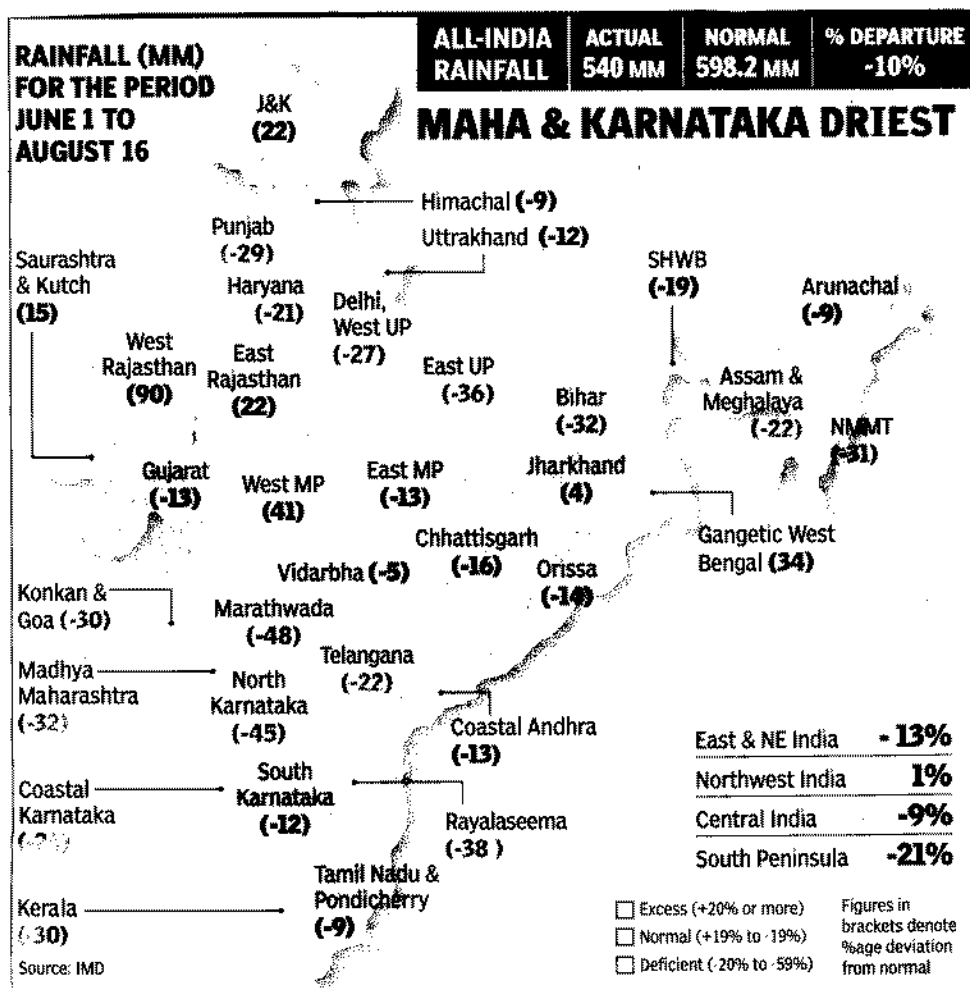
But there is no concept of 'disaster impact assessment' (DIA), which can be an important guide for crisis management. The DIA involves a comprehensive analysis of the potential impact likely if disaster strikes a given facility.

दिनांक 17.3.2015 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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दिनांक 1/8/2001 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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## AP has to release Srisailam water, says TS

DC CORRESPONDENT  
 HYDERABAD, AUG. 16

There were no inflows into Nagrajunasagar dam forcing the upstream Srisailam dam to release whatever little water it is holding right now.

It is a fact that Srisailam right bank power house can gener-

ate power simultaneously and also release water to downstream NS dam which is not possible with the left bank power house under the control of TS government; it cannot generate power if the Srisailam dam level is below 805 ft.

"It is for the AP irrigation department to com-

municate to us to release the waters through the right bank power house. As and when we get orders we will comply," AP Power Genco chairman-cum-managing director Vijayanand said.

"Actually Srisailam is under AP's control, they have to release the water. It is strange for

them to make a complaint to KRMB about non-compliance of the orders. We are going to inform the KRMB of this and simultaneously put in a request to release 3 TMC ft of water for drinking purposes in Telangana and Hyderabad," said senior official from the TS government.

दिनांक 17/8/2001 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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# 5 drown at temple

■ Devotees caught unawares in sudden surge of water

DC CORRESPONDENT  
 KAKINADA/BUTTAYIGU-  
 DEM/JANGAREDDYGU-  
 DEM, AUG. 16:

Five persons drowned and another was washed away in a swollen hill stream near Kamavaram and Vepulapadu villages in Buttayigudem mandal in West Godavari district on Sunday, as heavy rains lashed East and West Godavari districts. Another five persons were injured.

When the devotees were offering prayers at the Gubbala Mangamma temple in the stream, a sudden surge of water caught them unawares.

Five devotees belonging to one family in Krishna district died and another woman is still missing.

Locals in the vicinity of the temple rescued nine persons, out of which five were injured. They were admitted to the area hospital at Jangareddygudem.

Some of the survivors were pushed to the shore by the water while some others got entangled in bushes and were rescued by locals. Five devotees were smashed against rocks in the stream and were injured.

"The incident occurred at about 7.30 am. Six persons have drowned. The police, the temple committee members and the local people rescued the others," Jangareddygudem DSP J. Venkat Rao said. The deity in the Gubbala Mangamma temple is shaped like a snake on a big rock and is famous in the area. Thousands of devotees visit the temple on Sundays and holidays.

Among the people were 24 members of a family from Gollagudem and Vijayawada and another 24 devotees were from another family of Annavarappadu village, Peravali mandal in West Godavari district.



A car struggles to come out from a pothole filled with rainwater due to rains in Hyderabad .  
 — DECCAN CHRONICLE

दिनांक 17.8.1997 को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धी समाचार

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# IMD forecasts light rain

DC CORRESPONDENT  
HYDERABAD, AUG. 16

Moderate to heavy rains were recorded at a few places in Telangana and coastal Andhra Pradesh in the last 24 hours.

According to IMD forecast, for the next one week, light to moderate rain or thundershowers would occur at a few places over Telangana, coastal AP and isolated places over Rayalaseema.

As on August 15, the sub divisional rainfall in the three divisions hasn't changed much.

Rayalaseema continues to be worst hit with 38 per cent less rain followed by Telangana with 22 per cent less than normal rainfall. Coastal AP recorded 12 per cent more than normal rains.

In Rayalaseema, apart from deficit rainfall the high day-time temperatures have also been a cause of worry. The deviation from normal at some places is more than 4°C.

Tirupati recorded the maximum temperature of 39°C followed by Anantapur, Kadala and Kurnool at 37°C. Arogyavaram at 35°C and Kurnool at 37°C were 5°C hotter than normal.

In the last 24 hours, rain occurred at few places over coastal Andhra Pradesh and at isolated places over Rayalaseema. Bapatla mandal of Guntur and Vizianagaram recorded 7 cm each followed by Pusapatirega (Vizianagaram), 6 cm, Chimakurthi, Marripudi and Addanki (Prakasam) and Prathipadu (East Godavari), 5 cm each. In Rayalaseema, Chit-

## RAINS BRING RELIEF, BUT EXPOSE GHMC FLAWS

DC CORRESPONDENT  
HYDERABAD, AUG. 16

Sunday's rains came as a relief from the prolonged dry spell but the flooded roads and drains irked residents.

In the last 24 hours, Hyderabad recorded 23.4 mm rainfall according to the Indian Meteorological Department data. Though the maximum temperature forecast for the city was around 33°C, the rains brought it down to 28.5°C.

The day started with rains. While there was a moderate downpour for a couple of hours, there was a continuous drizzle till the evening.

Water stagnation was reported at Tolichowki, Bible House, AS Rao Nagar, Safilguda, Jubilee Checkpost, LB Nagar, Peddammagudi, Madhapur, LIC Colony in West Marredpally, Trimulgherry and several low lying areas.

Traffic took a beating due to waterlog.

● **IMD says light to moderate rain or thundershowers can occur at a few places over Telangana, coastal AP and at isolated places over Rayalaseema.**

toor recorded 5 cm followed by Tirumalla (A)

● **Hyderabad recorded 23.4 mm rainfall according to IMD data. Though the maximum temperature forecast for the city was around 33°C, the rains brought it down to 28.5°C.**

ging and overflowing drains at Uppal, Alwal, LB Nagar, Tolichowki, Mehdi-patnam, Filmnagar, Ameerpeta, Dilsukhnagar and several areas in the old city as also some places in Madhapur and Gachibowli in the city.

The GHMC had earlier boasted that it had 81 emergency teams to handle monsoon-related emergencies, but the flooded roads showed that action was lacking.

"The central emergency team received several calls about water stagnation, overflowing stormwater drains, flooded roads and also complaints about trees that had fallen on roads," said an official from the GHMC's emergency team.

4 cm and Kuppan 3 cm.

Rain occurred at a few places in Telangana too. Palawancha mandal of Khammam district recorded 10 cm followed by Govindaraopet mandal of Warangal, Bhadrachalam from Khammam which recorded 7 cm.

## Godavari hits 35ft

● **Khammam, Aug. 16:** The Godavari was rising steadily at Bhadrachalam following heavy inflows into the river from its tributaries Pranahita, Taliperu and the Indravathi. The water stood at 35 feet at the temple town on Sunday evening. The first warning will be declared if the water touches 43 feet. The Godavari was rising because of rains in Chhattisgarh and Maharashtra. The Taliperu in Charla mandal was in spate due to the rains in Chhattisgarh and irrigation officials had lifted 14 gates at the project.