

Hindustan Times- 01- July-2022

# Most of India now covered by monsoon

Monsoon has now arrived into almost all of northwest India including all of Delhi, Uttar Pradesh, Himachal Pradesh, Jammu and Kashmir, and parts of Rajasthan, Punjab and Haryana. A look at how monsoon has progressed this year

## PROGRESS REPORT

Monsoon has now covered a majority of the country, with only parts of Rajasthan, Punjab and Haryana left uncovered as of Thursday. However, conditions are favourable for further advance of monsoon into more parts of Rajasthan, and it is expected to completely cover Punjab and Haryana by Friday

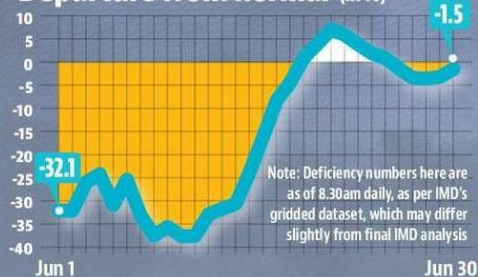


## How has rainfall been so far?

**8%**  
rain deficiency  
over the country  
on June 30

The highest deficiency in the country in terms of region is over central India, which has seen 30% deficient rain since June 1. Deficiency over northwest India is 12%, while over peninsular India is 14%. East and northeast India, on the other hand, which are currently reeling under floods have seen 22% excess rain

## Departure from normal (in %)



## Monsoon entering a 'good phase': IMD

"Monsoon has entered a good phase now. Over the past few days rainfall has improved over the country and now for the next one week we expect very good rainfall activity over entire northwest India; central India, entire Indo-Gangetic Plains and west coast. Rainfall deficiency will be covered. On July 1, monsoon will advance further to entire Haryana and Punjab. The outlook is good," said M Mohapatra, director general, IMD. Indian Institute of Tropical Meteorology's extended range forecast also indicates 'above average' rains over almost the entire country till July 7.

## More rain on cards ahead

Weather scientists say they expect most parts of India to get rain in the next few days. "For the next 4-5 days patchy rains will continue over the entire region. Chances of 40°C+ maximum temperature are unlikely and we also do not expect any prolonged dry spell for the first 15 days of July," explained Mahesh Palawat, vice president, climate change and meteorology, Skymet Weather.

Delhi, UP, J&K, Rajasthan, Himachal Pradesh, Haryana, Uttarakhand, Madhya Pradesh, Bihar, Jharkhand, Maharashtra, parts of the Konkan coast, Goa, and Gujarat are all likely to see rain over the next 2-5 days, according to IMD forecasts.

RAJ K RAJ/HT PHOTO



Hindustan Times- 01- July-2022

# Cold comfort for a change: Monsoon lands

Jasjeev Gandhiok

jasjeev.gandhiok@hindustantimes.com

**NEW DELHI:** The monsoon arrived in the Capital on Thursday, the Met department said, and made its presence known with over 116mm rain all day, leaving roads in some parts of the city waterlogged and slowing rush hour traffic to a standstill. But, there were few complaints — Thursday's showers pushed the minimum temperature down by nearly 12 degrees Celsius (°C), not just stopping a punishing spell of sticky heat, but also giving Delhi its coolest day in 116 days.

Safdarjung, the observatory representative of Delhi's weather, was also Delhi's wettest station, receiving 116.6mm of rain between 8.30am and 5.30pm on Thursday, followed by Lodhi Road, which got 107.6mm. A bulk of this rain was between 8.30am and 2.30pm, the weather office said.

Overcast skies and the nearly unfettered spell of rain all morning and afternoon on Thursday meant that Delhi's maximum temperature plummeted to a cool 29.4°C, a precipitous drop from 40.9°C just a day ago. This was the city's coolest day this year since 28.2°C on March 6, around the time winter was on its way out.

Pollution levels dropped steadily all day as well, with the air quality index (AQI) improving from 163 at 4pm on Wednesday to 91 by 9pm on Thursday, showed data from the Central Pollution Control Board's (CPCB) Sameer portal.

The India Meteorological Department (IMD) classified



(Clockwise from above) People talking by a sidewalk amid the downpour; Overcast skies over the Delhi-Meerut Expressway; People walking down Rajpath; A woman takes a lift on a crane in Tughalabad.



Thursday's rain as "very heavy", the second-last of the weather office's bands to categorise precipitation in a region.

IMD classifies rainfall between "trace" and 2.4mm as "very light", between 2.5 and 15.5mm as "light", between 15.6 and 64.4mm as "moderate", between 64.5mm and 115.5mm as "heavy" and "very heavy" when it is between 115.6mm and 204.4mm.

Anything above 204.4mm is

considered "extremely heavy rainfall".

So far this year, Delhi had not received a single spell of even heavy rainfall this year, let alone a very heavy one.

In fact, for perspective, Delhi recorded just 24.5mm of rain in the first 29 days of June.

Before Thursday, January 8 was Delhi's wettest day of the year, when the city received 40.6mm of rain. Delhi last logged a "very heavy" rainfall on

September 2 last year, when 117.7mm of showers lashed the city.

IMD scientists said they expect rains to continue across northwest India, including Delhi, till July 6, with an "orange" alert currently in place for Saturday, and a "yellow alert" in place for the other days in that interim.

"Monsoon covered all of Delhi, all of Uttar Pradesh, all of Himachal and Jammu & Kash-

mir, along with some parts of Punjab, Haryana and Rajasthan. For Delhi, this was an intense spell of rain, with over 100mm recorded in a six-hour period between 8.30am and 2.30pm. Some light rain could continue until Friday morning," said RK Jenamani, scientist at IMD, adding that Delhi is expected to see low temperatures till next week.

"The mercury will stay in the low- to mid-30s, and though humidity levels will remain

high, Delhi will not be uncomfortably hot, as it was for much of the last week of June," he added.

Much of Delhi is expected to record moderate rainfall on Friday, said the Met's weather forecast, with the maximum temperature expected to be around 32°C.

The Met department issues a yellow alert to warn the general public of a weather phenomenon taking place, a category that

is upgraded to an orange alert, if preventive action is required.

Mahesh Palawat, vice-president (climate change and meteorology), Skymet Weather, said westerly winds had disrupted the monsoon's progress and it remained stalled over west Bihar for around eight to 10 days.

Pitampura was the Delhi's warmest area on Thursday, with a maximum temperature of 30.0°C, and Jafarpur was the

coolest, at 25.8°C. In terms of minimum temperature, Safdarjung recorded a difference of only 1.8°C between the maximum and the minimum temperature, with the minimum settling at 27.6°C.

Among the other weather stations, the Ridge received 65.2mm of rainfall, while Ayanagar (51.9mm), Delhi University (58.5mm), Pitampura (55.5mm) and Pusa (44.5mm) all recorded moderate rainfall.

ANI &amp; AJAY AGGARWAL, RAJ K RAJ, AMAL KS/HT PHOTOS



Millennium Post- 01- July-2022

# Monsoon brings season's 1st heavy rain spell

Safdarjung observatory records 110 mm of rainfall in just 6 hrs starting at 8:30 am, which is also the maximum on a day in June in at least 14 years

## OUR CORRESPONDENT

**NEW DELHI:** The monsoon reached Delhi on Thursday yielding the season's first spell of heavy rain which provided respite from the oppressive heat and covered the precipitation deficit but brought vehicular traffic in the Capital to a screeching halt. Most parts reported moderate to heavy rainfall.

The Safdarjung observatory, Delhi's base station, recorded 110 mm of rainfall in just six hours starting at 8:30 am, which is also the maximum on a day in June in at least 14 years. The Capital had gauged 235.5mm of rainfall on June 18, 1936, which is an all-time record. On an average, Delhi logs 65.5 mm of rainfall in the month of June. The weather



Vehicles move through a water-logged stretch, in New Delhi, on Thursday

PIC/NAVEEN SHARMA

station at Lodhi Road measured 102.2mm of precipitation during this period. Ridge got 62.4mm, Palam 31.4mm and Ayanagar 48.3 mm of rainfall.

Rainfall recorded below 15 mm is considered light, between 15 and 64.5 mm is moderate, between 64.5 mm and 115.5 mm is heavy, between 115.6 and 204.4 is

very heavy. Anything above 204.4 mm is considered extremely heavy rainfall. The India Meteorological Department said the southwest monsoon further advanced into Delhi, Uttar Pradesh, Himachal Pradesh, Jammu and Kashmir, some parts of Punjab, Haryana and Rajasthan on June 30.

"The northern limit of monsoon now passes through Deesa, Ratlam, Tonk, Sikar, Rohtak, Pathankot," it said.

The southwest monsoon usually arrives in the national Capital on June 27 and covers the entire country by July 8.

The showers, however, brought the familiar sight of snaking lines of vehicles stuck on waterlogged roads for interminable minutes.

Many commuters reported late for office and several people

posted their plight through videos and photographs on social media, some seeking help from police.

The IMD has issued an orange alert, warning of heavy rainfall in some areas in the city on Thursday and moderate rainfall on Friday. The maximum temperature will come down to 34-35 degrees Celsius.

Last year, the IMD had forecast that the monsoon would arrive in Delhi nearly two weeks before its usual date. However, it reached the Capital only on July 13, making it the most delayed in 19 years. Weather experts say a gap of three to five days is considered normal.

According to IMD data, the monsoon covered Delhi 29 times in June and 33 times in July in the last 62 years. **Continued on P4**

The Times of India- 01- July-2022

# Yamuna level starts improving, may ease Delhi's water woes

Atul.Mathur@timesgroup.com

**New Delhi:** The arrival of the monsoon may have led to traffic snarls due to waterlogging, but it's going to end the severe water crunch being faced by residents.

Delhi Jal Board (DJB) vice-chairperson Saurabh Bharadwaj said water levels in Yamuna, Delhi Sub-Branch (DSB) and Carrier Lined Channel (CLC) that draw water from Munak in Haryana would go up in the next few days, which would help treatment plants to run at full capacity.

"Due to heavy rain in Himachal Pradesh in the last two days and heavy downpour in other northern states, the Yamuna level will start increasing now. From Friday evening, the level at Wazirabad, which is just about six inches now, will start going up," said Bharadwaj.

The unusually warm summers led to severe shortage of water, forcing DJB to "rationalise" supply. Water production was hit at seven out of nine treatment plants earlier this month.

Chandrawal and Wazirabad WTPs were running at half capacity. The shortage of raw water in DSB and CLC affected treatment at Haiderpur Phase-I,

Phase-II, Bawana, Nangloi and Dwarka plants. Only Sonia Vihar and Bhagirathi, which draw water from Uttar Pradesh, were running at full capacity.

While Delhi's water demand hovers around 1,200 million gallons per day (MGD), the supply is a little less than 1,000MGD. According to Bharadwaj, low water levels in Yamuna and the two canals led to a shortage of up to 115MGD this month.

Earlier, Delhi had requested Haryana to provide 150MGD additional water, which was turned down by the latter saying that the capital was getting its due. "We may have to file a suit in Supreme Court for more share in the Yamuna water, which has been stagnant since 1994," Bharadwaj said.

Bharadwaj said it was time Delhi fought for its rightful share of water to cater to the demand of the increasing population. While the current crisis is now almost over as demand has gone down by 2-3% due to a fall in temperature, more water in the Yamuna and the two canals would help in additional production.

Delhi government, meanwhile, has started projects to recharge groundwater to increase production capacity in the city.

**1.2k**  
MILLION GALLONS  
PER DAY IS  
THE CAPITAL'S  
REQUIREMENT

The Statesman- 01- July-2022

# South-west monsoon hits Punjab, Haryana



**INDO-ASIAN NEWS SERVICE**  
CHANDIGARH, 30 JUNE

The south-west monsoon on Thursday hit several parts of Punjab and Haryana with widespread showers expected in the region over the next two days, an India Meteorological Department (IMD) official said.

Downpour was recorded at several places in both the states, local IMD Director Manmohan Singh told IANS. The monsoon would widely spread in both the states in the next 24 hours.

The normal onset date of the monsoon in the region is June 27, the IMD said.

The Union Territory of Chandigarh, the joint capital of Punjab and Haryana, saw heavy rainfall, with waterlogging reported from several key areas, hampering the traffic, especially office-goers.

Locals complained that Chandigarh's drainage system needs a total overhaul. Many low-lying areas require a redesigned drainage plan to deal with waterlogging.

As per the daily bulletin issued at 7.30 a.m., the IMD predicted fairly widespread light to moderate rainfall and isolated thunderstorm or lightning with isolated heavy to very heavy rainfall in Punjab and Haryana.



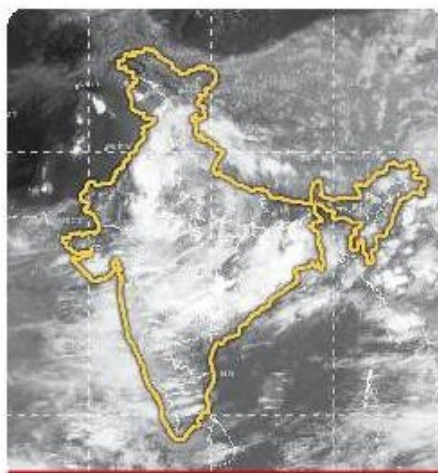
Rajasthan Patrika- 01- July-2022

# राहत बरसी: राजस्थान, एमपी, दिल्ली, छत्तीसगढ़, यूपी, गुजरात समेत कई राज्यों में आ गया बारिश का मौसम उत्तर-पश्चिम भारत में भी मानसून की झमाझम शुरू

दिल्ली में जमकर  
बरसे बादल, कई  
जगह लगा जाम

पत्रिका न्यूज नेटवर्क  
patrika.com

नई दिल्ली. लंबे समय से गर्मी और उमस से त्रस्त उत्तर-पश्चिम भारत में मानसून ने गुरुवार को दस्तक दे दी। मौसम विभाग (आइएमडी) के मुताबिक दक्षिण-पश्चिम मानसून दिल्ली, उत्तर प्रदेश, हिमाचल प्रदेश, जम्मू-कश्मीर के साथ राजस्थान, पंजाब और हरियाणा के कुछ इलाकों में पहुंच गया है। राजस्थान, पश्चिमी मध्य प्रदेश और उत्तराखंड में अगले दो दिन



## आज का पूर्वानुमान

आइएमडी के मुताबिक शुक्रवार को दिल्ली, पूर्वी राजस्थान, उत्तर प्रदेश, पंजाब, हरियाणा, उत्तराखंड और हिमाचल प्रदेश में कहीं हल्की तो कहीं भारी बारिश हो सकती है। अगले पांच दिन में पश्चिमी राजस्थान, मध्य प्रदेश, छत्तीसगढ़, गुजरात, मध्य महाराष्ट्र और कर्नाटक में अच्छी बारिश के आसार हैं।

मूसलाधार बारिश के आसार हैं।

दक्षिण-पश्चिमी मानसून आमतौर पर 27 जून को दिल्ली पहुंचता है और आठ जुलाई तक पूरे देश में इसका असर देखने को मिलता है। इस बार यह तीन दिन देर

से दिल्ली पहुंचा है। दिल्ली में गुरुवार को बादल जमकर बरसे। मौसम विभाग के मुताबिक दिल्ली में मानसून के शुरुआती 6 घंटे में 110 मिलीमीटर बारिश दर्ज की गई।

उत्तर-पश्चिम@पेज02

**मौसम की बेरुखी:** खेती-किसानी का काम पिछड़ा, उद्योग और निस्तारी के लिए खड़ा हो सकता है संकट

# जून की बारिश से बांधों के आधे पेट ही भर पाए

अभी बांधों में 41% तक ही जलभराव, जबकि पिछले साल भरे थे 70%



## अब बोआई का काम पिछड़ा

मौसम और कृषि विभाग के मुताबिक इस बार औसत से करीब 50 फीसदी कम बारिश हुई है। इसमें राज्य के सात जिलों पर ज्यादा असर पड़ रहा है। इनमें बलरामपुर, दुर्ग, जशपुर, कोण्डागांव, कांकेर, रायपुर और सरगुजा जिला शामिल हैं। इसका सीधा असर खेती-किसानी के काम पर पड़ रहा है। प्रदेश में बोआई पिछड़ गई है। सबसे ज्यादा दिक्कत



@ गंगरेल

पत्रिका ब्यूरो  
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रायपुर. मौसम की बेरुखी ने किसानों के साथ-साथ सरकार को भी चिंता में डाल दिया है। स्थिति है कि पिछले साल की तुलना में जून के अंत तक प्रदेश के बड़े जलाशयों में 50 से 20 फीसदी तक कम जलभराव हुआ है। यदि जुलाई में मौसम ने साथ नहीं दिया तो आने वाले समय में जल संकट गहरा सकता है। इसका सीधा असर सिंचाई पर पड़ेगा। इससे फसलों का उत्पादन प्रभावित हो सकता है। वहीं उद्योग को कम पानी मिलने की स्थिति में भी

नुकसान होगा। इसके साथ पेयजल और निस्तारी की समस्या भी खड़ी हो सकती है। हालांकि सरकार अभी से ध्यान देखेगी तो इन समस्याओं को बहुत हद तक कंट्रोल किया जा सकता है। जल संसाधन विभाग के मुताबिक प्रदेश के 12 बड़े जलाशयों की कुल क्षमता 5355.709 लाख घन मीटर है। कम बारिश की वजह से इन जलाशयों में केवल 41.65 फीसदी ही पानी जमा हो सका है। जबकि 2020 में इन जलाशयों में 70.40 फीसदी और 2021 में 51.50

फीसदी पानी था। वहीं राज्य में मध्यम स्तर के 34 जलाशय हैं। बारिश के दिनों में बहुत से जलाशय लबालब हो जाते थे, लेकिन इस बार स्थिति अच्छी नहीं है। इन 34 जलाशयों की कुल क्षमता 1004.519 लाख घन मीटर है। जबकि इनमें 392.830 लाख घन मीटर पानी है। यानी कुल क्षमता का केवल 39.11 फीसदी पानी है। 2020 में इन जलाशयों में 51.78 फीसदी और 2021 में 40.53 फीसदी तक जलभराव हुआ था।

### बारिश के आंकड़े

वर्ष	जून	औसत वर्ष
2018	165.2	187.5
2019	129.2	
2020	272.8	
2021	238.3	
2022	113.5	

नोट आंकड़े मिमी में

### सबसे कम जलभराव

बांध	वर्ष 2022	2021
सोंदुर	6.26	55.78
मुरुमसिल्ली	0.15	38.48
कोडार	7.33	22.48

पानी की मात्रा लाख घन मीटर में

## सीएम ने जताई है चिंता

बारिश को लेकर मुख्यमंत्री भूपेश बघेल ने भी चिंता जता चुके हैं। उनका कहना है कि प्रदेश में बारिश नहीं होना सबसे ज्यादा चिंता का विषय है। जून खत्म हो चुका है। ऐसे में पर्याप्त बारिश नहीं हुई। इससे कृषि कार्य प्रभावित हो रहा है।

रापा लगाकर फसल लाने वाले किसानों को उतानी पड़ रही है।

### सरकार भी एक्शन में

मौजूदा हालात को देखते हुए सरकार भी एक्शन में आ गई है। मुख्यमंत्री के निर्देश के बाद मनरेगा के काम शुरू करने के निर्देश दिए हैं, ताकि गांवों में जरूरतमंदों को रोजगार उपलब्ध हो सके। वहीं दूसरी ओर कृषि और जल संसाधन विभाग भी अपने स्तर पर बैठक लेकर कार्ययोजना बनाने की तैयारी कर रहा है।



Rashtriya Sahara- 01- July-2022

मानसून

की पहली बारिश

# पानी पानी हुई दिल्ली

नई दिल्ली (एसएनबी)। तीन दिन देरी से बृहस्पतिवार को पहुंचे मानसून के पहली बारिश ने दिल्ली-एनसीआर को पानी-पानी कर दिया और पिछले 10 वर्षों का रिकार्ड तोड़ दिया। दिनभर में ही दिल्ली में औसत बारिश का आंकड़ा 116.6 मिमी रिकार्ड किया गया, जबकि इस दौरान लोधी रोड इलाके में सबसे ज्यादा 107.6 मिमी बारिश हुई। डीयू इलाके में इस दौरान 58.5 मिमी और पीतमपुरा में 55.5 मिमी बारिश हुई। बारिश के बाद तापमान इतना नीचे लुढ़का का अधिकतम और न्यूनतम

■ रिकार्ड  
116.6 मिमी  
हुई बारिश  
■ 10 साल  
का टूटा रिकार्ड



नई दिल्ली में बृहस्पतिवार को हुई मूसलाधार बारिश के बाद प्रगति मैदान इंटरग्रेटेड ट्रांजिट कोरिडोर में घुसा पानी।

तापमान का अंतर घटकर महज दो डिग्री सेल्सियस रह गया। आज यहां का अधिकतम तापमान 29.4 डिग्री सेल्सियस रिकार्ड किया गया जो सामान्य से 7 डिग्री सेल्सियस कम रहा। न्यूनतम तापमान 27.6 डिग्री सेल्सियस रिकार्ड किया जो आज का सामान्य तापमान रहा। इस दौरान सबसे कम अधिकतम तापमान 25.9 डिग्री सेल्सियस रिकार्ड किया गया। सुबह के समय बारिश शुरू होने के साथ ही भारत मौसम विज्ञान विभाग (आईएमडी) ने ट्वीट कर कहा कि दक्षिणपश्चिमी मानसून 30 जून को दिल्ली, उत्तर प्रदेश, हिमाचल प्रदेश, जम्मू-कश्मीर, पंजाब, हरियाणा और राजस्थान के कुछ हिस्सों में पहुंच गया है।