

'Clean-up by mid-April impossible'



• [Bindu Shajan Perappadan](#)



The Art Of Living has till April 13 to clean up the site of the mega culture festival, which was held on the eco-sensitive Yamuna floodplains. Photo: R.V. Moorthy

Workers engaged in dismantling say clearing the ground within NGT's timeframe is not possible

When the National Green Tribunal (NGT) allowed the Art Of Living foundation to hold its three-day (March 11-13) World Culture Festival-2016 extravaganza on the ecologically sensitive Yamuna floodplains, it had directed the group to clean up the area "within a month of the event".

But a visit to the site revealed that the group may not be able to meet this deadline.

Workers engaged in dismantling the gigantic structures put up for the function said that "clearing the ground was simply not possible in the assigned time frame".

"The massive stage – sprawled over seven acres covering 3,34,358 square feet, almost 100 feet tall and a width of 1,200 feet – will easily take till the end of April to dismantle and transport out. The target of clearing it out by mid-April doesn't seem possible," said a worker in the area.

While the Art Of Living has already removed other temporary constructions which were put-up to accommodate seating arrangements for more than 11 lakh people daily and six towering floodlight masts, they maintained that their "volunteers on the field are working to ensure compliance" with the deadline.

"Most of the cleaning is complete. Only area around the stage is left, which will be done simultaneously as the stage is getting dismantled. The dismantling of the stage will be completed by April 13," said Gautam Vig, spokesperson of Art Of Living.

Despite massive protests by environmentalists and months of litigation, Sri Sri Ravi Shankar's Art Of Living was able to secure an NGT nod for the mega event on the promise that minimal damage would be done to the area and that the group would clean up "within a month".

"We have engaged help for housekeeping and cleaning, garbage collection and garbage removal from the venue, waste management for dustbin dissemination etc. Volunteers from are working on the ground to clean up. The volunteers will also continue participating in the clean-up work in the days to come," the group said.

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KEJRIWAL LAUNCHES GREEN DELHI PROGRAMME

STATESMAN NEWS SERVICE

New Delhi, 31 March

Chief Minister Arvind Kejriwal today launched the green Delhi programme by planting trees at the Triangular Park at ITO Chowk where he said that the central verge of 1260 kms maintained by PWD will be bedded with grass and greenery in order to clean the environment and making it dust free.

"Apart from restoring greenery along the road sides and central verges of the 1260 KMs spread roads, the cleaning of roads will be made by vacuum cleaners. Growing population of the city and increase in the number of vehicles are deteriorating environment continuously. There has been a huge rise in vehicular pollution because the number of vehicles plying on the roads of Delhi is more than that of three Metropolitan cities of Mumbai, Kolkata and Chennai," said Kejriwal.

According to the WHO, air pollution is the 5th largest killer in India.

"To make Delhi green, a comprehensive programme of greening of roadside areas including Islands, Planters, Central Verges on mission mode has been made by the Horticulture wing of Delhi government," said Kejriwal.

Under this programme, greening of approximately 120 acres of roadside areas will be taken up by grassing and



planting by pollution absorbing trees and shrubs, such as Thevetianerefolia (Pala Kaner), Nerium oleander (Lal Kaner), Calliandra brevipes (Powder puff) and Bougainvilleas and trees such as Ficus infectoria (Pilkhan), Cassia siamea, Pongamia glabra (Papri), Heterophragmaroxburghii (Marodfali), Azadirachta indica (Neem), Ficus religiosa (Pipa), Terminalia arjuna (Arjun).

"This programme will be completed within three months and estimated expenditure is Rs. 2 crores. It is pertinent to point out that for this program only the treated water being made available by DJB shall be utilised. The next phase of the programme in the balance area shall be commenced in the month of July and shall be completed by September," said an official.

THE **HEAT** IS ON

- Forecast indicates that the **temperatures** in all parts of the country are **likely to be above normal**
- Seasonal (April-June) average temperature over **northwest India** are expected to be **above normal by more than 1 degree Celsius**
- Certain areas of **Kerala and Vidarbha in central India** too are expected to face average temperature **above normal by more than 1 degree Celsius**
- Average maximum temperatures of **coastal Andhra Pradesh, Odisha, Assam, Meghalaya, sub-Himalayan West Bengal and Sikkim** are likely to be **warmer by less than 0.5 degree Celsius**
- **Remaining parts** of the country are likely to be **warmer by 0.5 to 1 degree Celsius**
- **Above normal heat wave** conditions are 'very likely' over **central and northwest India**
- High probability of **'moderate and severe' heat wave** conditions in areas covering **Delhi, UP,**



Haryana, Punjab, Rajasthan, Gujarat, MP, Bihar, Chhattisgarh, Jharkhand, West Bengal, Odisha, Telangana, Maharashtra (Marathwada, Vidarbha and Madhya Maharashtra) and coastal AP

➤ IMD will also issue **'heat wave alerts and warnings' every five days**, beginning April 1

(The forecast will consist of probability of occurrence of hot days, heat waves and severe heat waves for the next 15 days. It will be updated every 5th day from April 1 onwards)

The Times of India
Title : Weakening El Nino raises hopes of normal monsoon
Author :
Location :
New Delhi:
Article Date : 04/01/2016

Indications of the Modi government's first normal monsoon year is expected to revive the agriculture sector and deliver a much-needed boost to rural demand while reducing farm distress.

Favourable parameters, including a weakening El Nino, that point to good rainfall during June-September could see farm growth jump to 6% in 2016-17 from the anaemic 1.2% at present, according to Niti Aayog member Ramesh Chand. “Such a jump is possible as there is very low base due to poor monsoon in the last two years,” Chand told the media on the sidelines of an Assocham event on Thursday .

India recorded 14% deficit monsoon last year and 12% deficit in 2014, resulting in lower agricultural production in both these years and increased rural distress that led to suicides and indebtedness.

The situation is, however, likely to improve as there are indications that the monsoon may be normal this year. Though the country's national weather forecaster, India Meteorological Department (IMD), is expected to release its monsoon forecast in the last week of April, it dropped a broad hint of what to expect on Thursday .

Releasing the country's first-ever summer temperature outlook, IMD pointed to a weakening El Nino -which is likely to favour good rainfall as the condition's prevalence usually depresses the monsoon.

The El Nino phenomenon is an unusual warming of the sea surface in equatorial Pacific Ocean. El Nino conditions were blamed for the drought last year, and may have been partially responsible for the depressed monsoon in 2014.

Though the actual position of the El Nino factor will be known in May , the present indications are positive, giving a signal of good crop year during 2016-17.

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SYL will never become reality, says Badal

Centre takes neutral stand on SYL issue

PRESS TRUST OF INDIA

Kauli (Pb), 31 March

Upping the ante, Punjab Chief Minister Parkash Singh Badal today said Sutlej-Yamuna Link (SYL) would never become a reality and accused successive Congress governments at the Centre of doing "grave injustice" to the state.

According to Badal, Punjab doesn't have a single drop of spare water for anybody and SYL agreement was a "grave injustice done by the successive Congress governments with the state."

He said Akali Dal was opposed to the agreement which it believed would rob the water of the state and now they were firm on their stand not to allow the construction of the canal at any cost.



"Ironically Captain Amarinder Singh and other Congress leaders who hailed the then Prime Minister Indira Gandhi for ground breaking ceremony for the project in 1980s are now resorting to tactics like ground-filling at the same site just to mislead the people," the CM said.

The Chief Minister said any such move to share the river waters of the state would be "disastrous" for it.

He said while undertaking the agreement on the SYL canal, the then Congress government at the Centre "completely overlooked the universally-accepted riparian principle on river water sharing."

"Not only me but every Punjabi was duty bound to oppose this move and all of us should pledge to protect the waters of the state at any cost," he said.

The Chief Minister alleged that the successive Congress governments at the Centre have meted out step motherly treatment to Punjab by denying it of legitimate share in river waters.

He alleged that Congress has inflicted a deep wound on the Sikh psyche by irrelevantly meddling in their social, political, economic and even religious matters.

PRESS TRUST OF INDIA

New Delhi, 31 March

The Centre today told the Supreme Court that it was maintaining a "neutral" stand in the tussle between Punjab and Haryana over sharing of water through the Sutlej-Yamuna Link (SYL) Canal.

"We are neutral. We cannot take a stand," Solicitor General Ranjit Kumar told a five-judge constitution bench headed by Justice A R Dave which conducting a hearing on the Presidential Reference pertaining to Punjab Termination of

Agreements Act, 2004.

The Solicitor General's statement came after Punjab Government, through its senior counsel Rajeev Dhavan, said the Centre has to make its stand clear and it cannot leave the matter upto the states to be decided.

Taking note of the SG's statement, the bench, which also comprised Justices PC Ghose, Shiva Kirti Singh, A K Goel and Amitava Roy, said "if they knew the answer, why would they have made the reference."

Dhavan said the entire reference involved a question of policy.

IMD FORECASTS SEVERE HEAT WAVE CONDITIONS THIS YEAR

Hotter than normal summer predicted

PRESS TRUST OF INDIA
New Delhi, 31 March

The country will witness "warmer than normal temperature" this summer with heat wave like conditions likely over Central and northwest parts of India.

According to the summer forecast issued by the India Meteorological Department, the first of its kind, for April to June, the seasonal temperature would be above normal by more than one degree Celsius over Northwest India.

There is also a high probability of 76 per cent of maximum temperatures in the core Heat Wave (HW) zone during the 2016 hot weather season to be above



normal. Core HW zone covers states of Punjab, Himachal Pradesh, Uttarakhand, Delhi, Haryana, Rajasthan, Uttar Pradesh, Gujarat, Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, West Bengal, Odisha and Telangana and met sub-divisions of Marathwada, Vidharbha, Madhya Maha-

rastra and coastal Andhra Pradesh.

"This in turn suggests high probability of moderate and severe heat wave conditions in core HW zone during the hot weather season," the IMD said.

IMD has also attributed the El-Nino to the above normal temperature. 2015

was the warmest year ever recorded since 1901. The country has also witnessed a warm January and February, making it the warmest winter.

"The strong El Nino conditions over the Pacific Ocean that started in 2015 are still continuing. However, the latest forecasts indicate that El Nino conditions are likely to weaken further and reach weaker El Nino conditions during the 2016 hot weather season. "It has been observed that during the hot weather seasons followed by El Nino years (for example: 1973, 1995, 1998, 2003, 2010, etc. followed by the El Nino years of 1972, 1994, 1997, 2002 and 2009), above normal temperatures includ-

ing moderate to severe heat wave conditions were experienced in most parts of India," the IMD said.

The weathermen have also attributed the increasing trend of greenhouse gases due to "anthropogenic activity". The forecast indicates that during the 2016 hot weather season, temperatures (mean, maximum and minimum) in all the 36 sub-divisions of IMD are likely to be "above normal".

All the temperatures (maximum, minimum and mean) of most of the subdivisions from northwest India, Kerala from south India and Vidharbha from Central India are likely to be above normal or equal to one degree Celsius.

We're neutral on SYL dispute, Centre tells SC

R SEDHURAMAN

LEGAL CORRESPONDENT

NEW DELHI, MARCH 31

The Centre today refused to take a stand in the Supreme Court on the validity of the Punjab Termination of Agreements Act 2004, even as Punjab insisted that this was must for resolving its river water dispute with Haryana.

"We are neutral. We can't take a stand," Solicitor General Ranjit Kumar told a five-member Constitution Bench headed by Justice Anil R Dave during the hearing on the Presidential Reference on the validity of the Act.

Under the 2004 law, Punjab annulled its pacts signed with the neighbouring states for sharing water.

At this, senior advocate Rajeev Dhavan said Punjab could finalise its line of arguments only if the Centre clarified its stance on the reference. Kumar concluded his arguments after explaining the legal intricacies involved in the case, upon which the Bench asked Dhavan to make his contentions.

As Dhavan expressed his inability to do so in the light of Centre's refusal, the Bench remarked, "If they knew the answers to the questions raised in the Presidential Reference, they would not have approached the Supreme Court." The other members of the Bench are Justices PC Ghose, SK Singh, AK Goel and Amitava Roy.

Only a month ago (on February 29), Kumar had told the Bench that the 2004 Act was against the SC order on the completion of the Sutlej-Yamuna Link (SYL) canal.

No argument on land

- The Bench asked the litigants if everything was okay after its March 17 order to the Centre and Punjab to maintain status quo over SYL canal land
- The order came at the instance of Haryana, which questioned the validity of a law passed by Punjab three days earlier for returning canal land to farmers
- "Things are fine, status quo is being maintained," the Centre's counsel informed the Bench; Haryana too did not complain
- Hence, there was no argument on the SYL land and the pleadings were restricted to Punjab's 2004 Act

Haryana okay with Bhagat Singh airport

Chandigarh: The Haryana Assembly on Thursday passed a resolution to rename Chandigarh airport as Shaheed Bhagat Singh International Airport. Parliamentary Affairs Minister Ram Bilas Sharma moved the resolution during zero hour.

"We stand by the two judgments" of the SC for construction of the SYL canal which was opposed by Punjab, he said.

Punjab's another senior counsel Ram Jethmalani today too pleaded with the Bench.

As Punjab was reluctant to argue, the Bench asked Haryana's senior counsel Shyam Divan to make his submissions. Divan sought to fault the 2004 Act by citing the SC rulings in the Cauvery water dispute.

There is a drought in many parts of India. Why hasn't it been noticed?

Because this time, it's only rural producers, not urban consumers, who are feeling the heat



IN FACT

BY HARISH DAMODARAN

EXPRESS EDITORS INTERPRET

THIS TIME'S drought has been a most unusual one.

Even with three consecutive bad crops (*khari*f 2014, *rabi* 2015, and *khari*f 2015) and a fourth not-so-great one (thankfully, there's been no big damage from the unseasonal rain and hail unlike in March 2015), annual consumer food price inflation is only 5.3 per cent.

In the past, droughts invariably fuelled speculation and hoarding by unscrupulous traders. But this time, Indians in the cities are hardly feeling the pinch. Barring sugar, where the price increase in recent weeks is more of a correction from unhealthy lows, consumers aren't paying all that more for what they are eating compared to a year ago. No one's talking much today about onion prices. Even *arhar dal* is selling cheaper than when it consumed the BJP in Bihar's Assembly elections during October-November 2015; the same goes for *urad*, *moong* or *masur*.

Simply put, this is a drought essentially of farmers and rural producers.

And since it isn't really pinching urban consumers, politicians even in Maharashtra — where the drought is most acute — have found it more important to discuss whether or not chanting "Bharat Mata ki Jai" amounts to treason. Incidentally, AIMIM leader Asaduddin Owaisi's speech taking on RSS chief Mohan Bhagwat that set off the debate was delivered in Latur — in the drought's epicentre of Marathwada. (*The Indian Express* published a series of five reports, 'Waterless in Marathwada' between March 16 and 26.)

But for farmers, the current crisis isn't just of production losses from drought. It is also one of low price realisations. Farmers



Many in thirsty Marathwada walk 14 km or more from their homes to fetch water every day. Express Archive/November 2015

in Maharashtra are today selling cow milk at Rs 15-16 per litre, compared to Rs 25-26 a year ago. This, despite a severe fodder shortage that would also mean higher production costs.

In most crops — whether cotton, rubber, *basmati*, *guar* seed or even potatoes, apples, *kinnow* and pineapples — producer realisations are below what they were a couple of years ago. The only reason nobody is talking about onion these days is because the bulb is being sold in Maharashtra's Lasalgaon market at below Rs 7/kg, as against Rs 12 last March, and Rs 45-plus in early September, when *pyaaz* was grabbing all the headlines.

The drought, in a sense, has only added to the miseries of rural producers who are simultaneously battling the effects of a global commodity crash, which has hit agricultural exports and farm prices. That, in turn, also explains why urban consumers aren't particularly feeling the heat of drought: they

have been shielded mainly by low global prices. Compare this to the situation in 2007 — when international prices were on the boil, and India had food riots everywhere, including in places like West Bengal.

Right now, the drought is not about agriculture: The current *rabi* crop — whatever has been planted — is close to being harvested, if it has not been harvested already. The more immediate concern, instead, is about drinking water. With two-and-a-half months to go for the monsoon to arrive in the most parched areas and the country's major reservoirs barely 25 per cent full, meeting peak summer drinking water requirements is going to be a challenge. It will be even more so in Marathwada, where reservoir water levels are down to 5 per cent of full storage capacity.

The one consolation India has is that global climate models are pointing to a "weakening" of El Niño, which was the main

cause of the 2015 drought. The 2015-16 El Niño was one of the longest, starting around February last. It is even now in a "strong" phase — and is expected to enter the "neutral" zone only towards May, according to the latest forecast of the US National Oceanic and Atmospheric Administration (NOAA). Since there is usually a lag of two months or so between its effects translating into actual rainfall, one cannot rule out a delay in the monsoon, even if it turns out to be normal.

The NOAA is also giving a 50 per cent probability of a La Niña — El Niño's opposite, which is beneficial for the Indian monsoon — developing from August. But that again would deliver good rain not earlier than in the second half of the monsoon. A delayed, but good, monsoon is what seems most likely now. And that would mean a minimum three-month wait before things finally look up.

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Kejriwal launches Green Delhi initiative

- Staff Reporter



Chief Minister Arvind Kejriwal plants a tree during inauguration of the Green Delhi initiative near Delhi Secretariat on Thursday. Photo: R.V. Moorthy

Chief Minister Arvind Kejriwal on Thursday launched the Green Delhi programme by planting trees at the Triangular Park at the ITO Chowk.

The event comes on the eve of his promise to rid the Capital's streets of dust — a major contributor to air pollution.

The initiative was launched in line with a detailed action plan submitted by the Aam Aadmi Party (AAP) government to the Supreme Court after it demanded information on steps being taken to improve air quality and reduce air pollution in the Capital.

Mr. Kejriwal, who had decided that roads under the PWD would be vacuum cleaned in a phased manner beginning April 1, announced that the central verges of the 1,260 kms of road maintained by the PWD will be bedded with grass and greenery in order to clean up the environment and make it dust free.

The exercise will involve the greening of approximately 120 acres, which includes central verges, side verges and the *kutchra* portion under flyovers.

Pollution absorbing shrubs such as *Thevetianerefolia* (Pila Kaner), *Nerium oleander* (Lal Kaner), *Calliandrabrevipes* (Powder puff) and *Bougainvilleas* and trees such as *Ficusinfectoria* (Pilkhan), *Cassia Siamea* will be planted.

The Public Works Department (PWD), in a statement, said the greening will be completed within three months at an estimated cost of Rs. 2 crores.

Only treated water, being made available by the Delhi Jal Board (DJB), will be utilised as part of the initiative.

The next phase of the programme, which will cover other areas, will begin in July and shall be completed by September, 2016.

"Apart from restoring greenery along the road sides and central verges of the roads, the cleaning of roads will be done by vacuum cleaners," the Chief Minister announced, adding that the growing population of the city and increasing number of vehicles were contributing to the deterioration of the environment.

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Brace for scorching April-June, says IMD's first summer forecast

Vishwa.Mohan@timesgroup.com

New Delhi: It is likely to be another scorcher of a summer in India this year. The Indian Meteorological Department (IMD) on Thursday released its first-ever summer forecast, predicting the entire country is expected to record above normal temperature during April-June period.

Bearing the brunt of the summer heat will be north-western parts of the country (including Delhi, Haryana, Punjab, Rajasthan, Himachal Pradesh, Uttarakhand and Uttar Pradesh), parts of Kerala in South and Vidarbha in central India as average temperatures in these areas are likely to be "above normal by more than 1 degree Celsius".

The weather forecaster will also issue periodic "heat wave alerts and warnings" for the entire summer season (April-June). The forecast will consist of probability of occurrence of hot days, heat waves and severe heat waves for the next 15 days. It will be updated every five days from April 1 onwards.

"The recent research ana-

Hopes rise for normal monsoon

Indications of a normal monsoon year is expected to revive the agriculture sector and reduce farm distress. In fact, good rainfall in June-September could see farm growth jump to 6% in 2016-17 from the 1.2% at present, Niti Aayog member Ramesh Chand said on the sidelines of an Assocham event on Thursday. **17**

lysis suggests that the frequency and the duration of heat waves over the country are showing an increasing trend. A part of increasing trend is attributed to increasing greenhouse gases due to anthropogenic activity," said the IMD in its note while coming out with the forecast of temperature conditions over different parts of the country.

Death of as many as 2,500 people due to heat waves in the summer season in the country last year had prompted the IMD to come out with the temperature outlook this year.

► **2015 3rd warmest yr, P 17**

2015 was third warmest year since 1901

► **Continued from P 1**

Prolonged heat wave conditions had prevailed over Andhra Pradesh and parts of Telangana, claiming the maximum number of lives in 2015.

"The idea of coming out with the country's first-ever seasonal outlook for temperature is to forewarn people about the impact of heat wave conditions on certain days so that they can take adequate precautions", said an official, adding that the move would help local civic authorities to plan actions that may help reduce the deadly impact of heat waves.

The action plans, which the local authorities may take, include opening of cooling centres, building public awareness of heat-related risks, training medical and community workers and coordinating inter-agency emergency response efforts. The IMD on Thursday noted that the country had, in fact, experienced above normal temperatures during the last two months (January and February) this year. "The year 2015 was the third warmest on record since 1901", said the IMD.

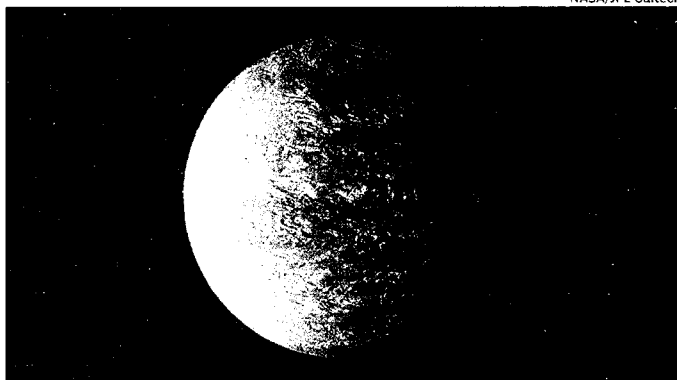
'Planet 9' linked to mass extinctions on Earth?

Hidden Celestial Body Triggers Comet Showers, Affecting Us

Andrew Griffin

mysterious, hidden planet that could be sitting on the edge of our solar system might be linked with periodic extinctions on Earth, according to a researcher. The planet might trigger comet showers, bringing huge extinction events, according to Daniel Whitmire, a retired astrophysics professor. His study links the periodic extinction events — which fossil records say causes mass wipe outs on Earth about every 27 million years — with the unknown Planet 9.

Planet 9 has been said by some to exist for years, with two scientists, in recent months, claiming to have found strong evidence on its existence. If those researchers are correct, then Planet 9 would be 10 times as big as Earth and 1,000 times further from the Sun than we are. The new theory proposes that as Planet 9 moves around the solar system, it passes through the Kuiper Belt — an area of the outer solar system full of icy objects — every 27 million years, knocking comets towards us and into the inner solar system. Once they arrive there, they can smash into the Earth and reduce the sunlight getting to us, potentially leading to the extinction events, the researchers claim. THE INDEPENDENT



UNIVERSITY OF CALIFORNIA, BERKELEY. An illustration shows one possible scenario for the hot, rocky exoplanet called 55 Cancri e, which is nearly two times as wide as Earth

A super-Earth made of solid lava and hot magma

Washington: Scientists, including one of Indian-origin, have obtained the most detailed map of a super-Earth for the first time, that consists of two halves — one almost molten and other solid.

Using data from Nasa's Spitzer space telescope, researchers found temperatures on the hot side can reach 2,500 degrees Celsius, while temperatures on the cool side are around 1,100 degrees Celsius. "It tells us the planet has hot nights and significantly hotter days. The planet inefficiently transports heat around the planet," said lead author Brice Olivier Demory of University of Cambridge.

"This could be explained by an atmosphere that would exist only on the day side of the planet, or by lava flows at the planet sur-

face," said Demory.

The super-Earth 55 Cancri e is relatively close to Earth at 40 light-years away and orbits close to its star, whipping around it every 18 hours. Due to its proximity to the star, it is tidally locked by gravity. That means one side of 55 Cancri, referred to as the day side, is always cooking under the intense heat of its star, while the night side remains in the dark and is much cooler.

"The day side could possibly have rivers of lava and big pools of hot magma, but the night side would have solidified lava flows like those found in Hawaii," said Michael Gillon, from University of Liege in Belgium. The Spitzer telescope watched the planet for 80 hours, as it was orbiting around its star. PH

We are neutral on SYL row, Centre tells Supreme Court

EXPRESS NEWS SERVICE
NEW DELHI, MARCH 31

THE CENTRE told the Supreme Court Thursday that it has a "neutral" stand in the tussle between Punjab and Haryana over the sharing of water through the Sutlej-Yamuna Link (SYL) canal. "We are neutral. We cannot take a stand," Solicitor General Ranjit Kumar submitted before a Constitution Bench led by Justice Anil R Dave, which is hearing a Presidential Reference pertaining to Punjab Termination of Agreements Act, 2004.

The Solicitor General's statement came after Punjab Government, through

its senior counsel Rajeev Dhavan, said that the Centre has to make its stand clear and it cannot leave the matter up to the states to be decided. He added that it was not just an issue of water sharing and the entire reference involved a question of policy.

Taking note of the Centre's stand, the bench remarked: "If they knew the answer, why would they have made the reference?" On March 14, the Centre had told the court that it will "not take any side". On the same day, Punjab Assembly had passed the Bill against the construction of SYL canal, providing for transfer of proprietary rights back to the landowners free of cost.

अल नीनो कमजोर बारिश की उम्मीद

नई दिल्ली. लगातार दो साल तक सूखे की वजह बना अल नीनो वर्ष 2016 में कमजोर पड़ रहा है। ऐसे में मौसम वैज्ञानिकों को मॉनसून के सामान्य रहने की उम्मीद बढ़ी है। अल नीनो का भारतीय उपमहाद्वीप में कमजोर बारिश से रिश्ता है। कुछ मौसम विज्ञानियों के अनुसार अल नीनो के बेअसर होने की खबर तो अच्छी है, पर यह तुरन्त ही नहीं कहा जा सकता कि बारिश अच्छी होगी।

मासिक-1-4-18

पाकिस्तान के ऊपर बना पश्चिमी विक्षोभ, हिमाचल और जम्मू कश्मीर में भूस्खलन की भी आशंका पहाड़ों में बारिश और बर्फबारी से मौसम बदले

पूर्वानुमान

नई दिल्ली | हिन्दुस्तान टीम

जम्मू कश्मीर और हिमाचल प्रदेश आगामी शनिवार और रविवार को रिमझिम बारिश होगी। मौसम की यह स्थिति चार अप्रैल तक बनी रहेगी। ऊंचाई वाले इलाकों में बर्फबारी के भी आसार हैं।

अगले हफ्ते बिहार सहित उत्तर भारत के कुछ हिस्सों में वर्षा हो सकती है। इससे मौसम के खुशनुमा रहने की उम्मीद है। मौसम एजेंसी स्काईमेट के मुताबिक प्रसिद्ध पर्यटक

स्थल श्रीनगर, गुलमर्ग, मनाली, शिमला और धर्मशाला में शुक्रवार से बारिश का दौर शुरू हो जाएगा। इससे इन इलाकों में भूमिस्खलन की भी आशंका है। चार और पांच अप्रैल को पंजाब तथा हरियाण के कुछ इलाकों में भी बारिश होगी।

पश्चिमी विक्षोभ का दायरा बढ़ेगा
: उत्तरी पाकिस्तानी और आसपास के इलाकों के ऊपर बना विक्षोभ उत्तर भारत की तरफ बढ़ रहा है। इसकी वजह से जम्मू कश्मीर में शुक्रवार को और हिमाचल में शनिवार को बारिश होगी। शनिवार तक दोनों राज्य, दक्षिणी विक्षोभ के दायरे में आ जाएंगे।

उत्तराखंड में फुहार

उत्तराखंड में मौसम आमतौर पर शुष्क बना रहेगा। लेकिन कश्मीर और हिमाचल के ऊपर बने पश्चिमी विक्षोभ का असर उत्तराखंड में भी दिखेगा। इसके चलते राज्य में 2 अप्रैल तक छिटपुट बारिश होगी। ऋषिकेश, रुड़की और टिहरी में क्रमशः 3, 4 और 5 अप्रैल को रिमझिम बारिश होगी।

बिहार में ओले पड़ेंगे

उत्तर बिहार में छिटपुट बारिश होगी पटना, गया, भागलपुर और छपरा में 2 से 4 अप्रैल के बीच बारिश हो सकती है। इन क्षेत्रों में 60 से 80 किलोमीटर प्रति घंटे की रफ्तार से हवाएं भी चलेंगी। इस दौरान राज्य के कुछ हिस्सों में आले पड़ने के आसार हैं।

झारखंड में बारिश संभव

झारखंड में अगले सप्ताह वर्षा होने संभावना है। राज्य के कुछ हिस्सों छिटपुट बारिश होगी जिससे तापमान में गिरावट आएगी। शनिवार और रविवार को मौसम में कोई खास बदलाव देखने को नहीं मिलेगा। मौसम शुष्क बना रहेगा।

5 साल में मार्च का सबसे गर्म दिन दर्ज

■ स, नई दिल्ली :गुरुवार
31 मार्च पिछले पांच साल में
मार्च के पूरे महीने में सबसे गर्म
दिन दर्ज हुआ है।

मैक्सिमम टेम्परेचर
नॉर्मल से चार
डिग्री ज्यादा के
साथ 37.5 डिग्री
दर्ज हुआ। मौसम
विभाग के आंकड़ों
के मुताबिक इससे
पहले मार्च महीने
में मैक्सिमम
टेम्परेचर साल
2011 में 35.6
डिग्री, 2012 में
37, 2013 में
34.8, 2014 में
34.और 2015 में
36.5 डिग्री दर्ज
हुआ।

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