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

West Block II, Wing No-5 R K Puram, New Delhi – 66

Dated 5 - 03-2018

SPA (Publicit

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.

Encl: As stated above.

Deputy Director (Publication)

gore 33

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

News item/letter/article/editorial published on UD. US . 2018 in the

Hindustan Times

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
A a j (Hindi)
Indian Nation
Nai Duniya (Hindi)
The Times of India (A)
Blitz

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

Snowfall, rain bring chill back in Manali



Tourists enjoy amid snow in the Solang valley on Sunday.

OUR CORRESPONDENT

MANALI, MARCH 4

Weather conditions worsened last evening as the upper Manali region experienced a fresh spell of snow, while the lower parts were lashed by rain today.

The lower area also had snow, but it was so mild that it melted within a few hours.

Dark clouds remained hovering over the region which resulted in the snowfall in higher reaches this afternoon.

The Rohtang Pass also received a heavy snowfall. The entire higher reaches, including the Pir Panjal ranges, Marhi, Gulaba, Kothi, Dhundi, Bhrighu slopes, Hamta ski slopes, the Chanderkhani Pass, also received a moderate to heavy snow.

The famous ski slopes of the Solang valley also experienced a fresh spell of snow.

Hundreds of tourists rushed to the valley where a festival-like atmosphere prevailed as tourists were seen enjoying snow-related activities such as sking, riding yaks, zorbing, throwing snowballs on each others and city touched 18.8 in Dharamsala. The minimum temperature dropped to 9.5 degree C and in Dharamsala it was a feach others and city touched 18.8 in Dharamsala. The maximum temperature dropped to 9.5 degree C and in Dharamsala it was a feach others and city touched 18.8 in Dharamsala.

People in the tourism industry are happy with the snow as they are expecting a rise in the tourist inflow to Manali. Apple growers are also happy.

The temperatures dipped sharply as cold wind has swept the region since last evening.

Dhauladhars turns white again

KANGRA: Dharamsala and its nearby areas received rain this afternoon while Dhauladhar ranges and its foothills experienced fresh snow, bringing down the temperatures. The sky was overcast in Dharamsala and McLeodganj and it started raining which lasted for nearly an hour.

Kangra town and its suburbs remained sunny in the day, however, the cold winds continued to blow due to snowfall on the Dhauladhars. In Dharamsala, 3.4 mm rain was recorded whereas it was 1 mm at Kangra. The maximum temperature dropped to 25.4 degree C in Kangra and it touched 18.8 in Dharamsala. The minimum temperature dropped to 95 degree C and in

Covering L., YIS

News item/letter/article/editorial published on 02.03.20/8 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
A a j (Hindi)
Indian Nation
Nai Duniya (Hindi)
The Times of India (A)
Blitz

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

Fall in low pressure may reduce monsoon by 45%

ALARMING TREND Study reveals that impact will be felt in India by end of this century

Malavika Vyawahare

malavika.vyawahare@htlive.com

NEWDELHI: A decline in low pressure activity could significantly reduce monsoon rain in India towards the end of this century while also leading to more extreme precipitation events in some parts of the country, according to a new study published in Proceedings of the National Academy of Sciences

The study tracked changes in the occurrence of low pressure systems (LPS) across India and concluded that the activity could decline by around 45% by the years 2071-2095.

"Since LPS systems contribute about 60% of total rainfall received over the central Indian region during a typical monsoon season (June September), our results assume significance," Ajaya Ravindran, co-author of the study, said in an email

The dip in rains is due to the combined effect of the decrease in low pressure activity in the



• The dip in rains, as per the study, is due to the combined effect of the decrease in low pressure activity in the Bay of Bengal by 60% and a 10% increase in northern states over land.
APPRI

Bay of Bengal by 60% and a 10% increase in northern states, over land, the study said.

Low pressure systems formed over land do not carry the same amount of moisture.

The northward shift of (LPS's) genesis distribution is documented but the impact of rising warming temperatures on monsoons is not fully understood. "Temperatures are increasing, but there is a lot of

uncertainty about its impact on monsoon," DS Pai, a scientist at the Indian Meteorological Department (IMD), said, adding that the only thing that has been established is that extreme rainfall events will increase because of warming.

The new study also predicts an increase in such events, with Jharkhand, Bihar, Chhattisgarh, Uttarakhand likely to be most affected by extreme preThe (low pressure) systems that form over the land will be limited by moisture availability and they have typically shorter life cycles. Such systems result in a short span of intense rainfall over a relatively smaller area.

AJAYA RAVINDRAN, Co-author

cipitation. "The (low pressure) systems that form over the land will be limited by moisture availability and they have typically shorter life cycles. Such systems result in a short span of intense rainfall over a relatively smaller area." Ravindran said.

"This will result in an increase in the extreme rainfall events over the Gangetic plains and foothills of Himalayas," he said.

News item/letter/article/editorial published on 05.03.2018

'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 Aai (Hindi) Indian Nation Nai Duniva (Hindi) The Times of India (A) Blitz .

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

HIGH AND DRY

BSF jawans battle water woes at border outposts

Mukesh Mathrani

. htraj@hindustantimes.com

BARMER: Border Security Force (BSF) personnel, guarding the 270-km-long India-Pakistan border in western Rajasthan, are grappling with a drinking water crisis.

Out of the 66 border outposts in Barmer, only two have piped drinking water; the rest depend on water supplied through tankers, BSF officials said.

There is a "drinking water problem at many posts," said Shyam Kapoor, BSF deputy inspector general (acting) at Barmer sector. He added that this isn't unusual in the region and that many villages face the same situation.

"We have moved proposals to the water works department and are expecting that there will soon be a solution," Kapoor said.

Sometimes we get tankers from nearby areas, but sometimes we have to bring water from towns located 80 to 125 km from border outposts A BSF OFFICIAL

Ravi Gandhi, BSF deputy inspector general at Rajasthan frontier, said the problem isn't restricted to Barmer and that border outposts in Jaisalmer and Bikaner in the state face it too. "We are working with state and central government agencies to sort out this problem and expect that soon we will be able to get drinking water at all the border outposts," he added.

The Rajasthan water works

department's executive engineer Hajariram Balwan said: "It is true that drinking water is not supplied through pipelines to all the border outposts. In 2014-15. we got a budget under the Border Area Development Plan, and four border outposts could be linked with drinking water pipelines."

Balwan said the department and the BSF carried out a joint survey in the first week of February to sort out the problem. "BSF has asked us to prepare a detailed feasibility report, which is under process."

Balwan said the BSF would provide the department a special budget for drinking water supply. "We are expecting that the work (linking outposts with water pipelines) will start in July and will be completed in the next one year."

CONTINUEDONPE

Four years ago, BSF submitted a proposal for laying of water pipelines but no steps have been taken since. "Sometimes we get tankers from nearby areas, but sometimes we have to bring water from towns located 80 to 125 km from border outposts." said a BSF official who asked not to be named.

Each outpost needs about 20 tankersina month. "Apart from paying the water works department (for the water), we have to bear the fuel expense of the tanker that fetches water to the outposts," added this official.

He and other BSF officials who asked not to be named said they had raised the issue with home minister Rajnath Singh during his visit to Munabao check post in Barmer in October 2016. Expressing concern, Singh had assured the BSF that a survey would be conducted soon on the feasibility of providing piped water to all the outposts.

Prime Minister Narendra Modi was also aware of the problem, the BSF officials said.

Addressing a meeting at Pachpadra in Barmer district on April 12, 2014, when he was the BJP's prime ministerial candidate, Modi had said the situation was similar at the Kutch border in Gujarat, where he had sanctioned a 30-km-long pipeline to meet the drinking water crisis. "When I can do it in Gujarat, then why not in Rajasthan," Modi had said then.

News item/letter/article/editorial published on 02.03.2018 in the

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

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

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

Highest Avg Maximum

Temperatures in February

26.5

25.9

25.7

normal, warmest in 12 years

Warm Winter

29.7 last 25 years, in °C

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

This was city's warmest winter in 12 yrs

Maximum Temperature In Feb 2.7°C Above Normal; It Was 1°C Higher Even In December

2006

2018

1993

2015

2016

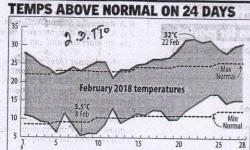
2009 25.7

Amit.Bhattacharya @timesgroup.com

New Delhi: This Delhi winter was the warmest in 12 years in terms of day temperatures. Just like in January. the maximum temperatures in the month of February too were the highest since 2006. Met records reveal.

The December-February period is generally considered the winter season in the capital. In 2017-18, while day temperatures in January and February were at a 12year high, the average maximum temperature in December was 1 degree Celsius higher than normal.

Taking the three months together, the city hadn't seen such warm day conditions since 2006, which was the



warmest winter on record in

temperature in February

was 26.5 degrees C, a massive

2.7 degrees higher than nor-

mal. Day temperatures were

above normal on 24 of the 28

The average maximum

at least the past 25 years.

days in the month. This was a trend that continued from January, when the average maximum was 1.7 degrees higher than normal and day temperatures maxed the normal on 23 days.

Experts said a major rea-

son for warm days during the two months was lack of rainfall. No rain was recorded in the city in February whereas the normal for the month is 22mm.

December avg max temp1°C above normal

January day temps 1.7°C higher than

"Both January and February this year were dry

and mostly cloudless. In such conditions, the sun's heat plays a big role in warming up the day. Also, westerly winds blew during much of February. These winds are generally warmer than the ones coming from the north," said Kuldeep Srivastava, head of IMD's Regional Weather Forecasting Centre.

Snowfall in the western Himalayas too was much below normal this year, which led to mild winter conditions throughout north India. "There was just one western disturbance that brought rain to the northern plains in February, but the wet weather bypassed the capital," Srivastava said.

Experts said global warming too could be play-

ing a role. "Delhi has been witnessing mild winters for the past three years while day temperatures in February have been above average since 2015," Srivastava added.

While maximum temperatures were very high during this winter, the clear sky conditions meant that the daytime warmth quickly radiated out after dark. This meant that night temperatures weren't as high. In February the average minimum temperature was 11.2 degrees C. 0.8 degrees higher than normal

On the brighter side, dry and clear conditions, along with high temperatures. meant that pollution levels in the capital in all three winter months were lowest in the past three years.

News item/letter/article/editorial published on 04.03. 2018 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
A a j (Hindi)
Indian Nation
Nai Duniya (Hindi)
The Times of India (A)
Blitz

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

BJD to raise issues of Polavaram, Mahanadi tribunal in Parliament

BHUBANESWAR, 3 MARCH

The ruling BJD lawmakers will raise the Mahanadi tribunal, Polavaram project and other issues related to Odisha's interest during the second phase of the Parliament's budget session beginning on 5 March. The BJD MPs will ask the NDA government at the Centre for more central forces for tackling the Maoist activities in Odisha.

A decision in this regard was taken at BJD parliamentary party's meeting presided over by the party president and chiefminister Naveen Patnaik.

We will demand to expedite the process of setting up of Mahanadi Tribunal to resolve the Mahanadi River water dispute with Chhattisgarh in the second phase of the budget session of Parliament, said BJD Parliamentary party spokesman and Lok Sabha MP Kalikesh Singhdeo after the meeting. BJD MPs will also put pressure on the Centre to stop construction of Polavaram project, he said.

BJD MP from Berhampur, Sidhant Mohapatra said the lawmakers will also raise the party's demand to raise the minimum support price of paddy to Rs 2,930 per quintal against the existing price of Rs 1,550 per quintal.

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
A a j (Hindi)
Indian Nation
Nai Duniya (Hindi)
The Times of India (A)
Blitz

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

Met forecasts dry monsoon

TRIBUNE NEWS SERVICE

NEW DELHI, MARCH 1

Pre-monsoon period this summer, March to May, will be "warmer" than normal and several parts of North will experience temperatures at least a degree above average, the Met Department has said.

Not only this, after a particularly rain-deficient winter (minus 63 per cent), meteorologists are predicting drier pre-monsoon days too.

For the Northwest, it is going to be particularly tough. The Met data indicates that the temperature maximum anomaly for Jammu and Kashmir is 2.44 degrees C, Himachal Pradesh 2.75, Uttarakhand 2.66, Punjab 1.70, Haryana 1.78, west and east Rajasthan 1.63 and west and east UP 1.60 and 1.33. While fingers are crossed for a normal monsoon season (weather models also predict that), there is a possibility of El Nino playing foul during late August and September of the June-September season.

Mahesh Palawat of private forecaster Skymet, who has predicted a drier pre-mon-

RESERVOIR LEVEL DOWN

The side effects of deficient winter rains are already becoming pronounced. Government data shows water level in reservoirs is down by 1%. The water storage in 91 major reservoirs for the week ending March 1, 2018, was 57.684 BCM — 36% of their capacity. It stood at 37% a week ago.

soon period, said Northwest may again see lesser rains this monsoon.

"In last two years, seasonal rains have been below average in the Northwest, particularly Punjab, Haryana, Delhi and parts of western UP. The indications are no diffferent this year. Monsoon reaches these parts only by June-end and first week of July and there is a possibility of rains tapering off by later part of August and September," he said.

According to the Met Department, during the 2018 pre-monsoon season (March to May), warmer than normal temperatures are likely in all meteorological subdivisions of the country.

News item/letter/article/editorial published on 15.03.2018 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

A a j (Hindi)
Indian Nation
Nai Duniya (Hindi)
The Times of India (A)
Blitz

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

राजस्थान में तेज बारिश के साथ बिछी ओलों की चादर जिला



खेतों में तैयार खड़ी फसलों को नुकसान, तापमान गिरा।

शेखावाटी, कुचामन और अलवर में आधे घंटे तक हुई ओलावृष्टि जयपुर @ पत्रिका. राजस्थान में रिववार को एकाएक मौसम बदल गया। शेखावाटी सहित अलवर, नागौर, भरतपुर सहित कई जिलों में धूल भरी आंधी के साथ तेज बारिश और ओलावृष्टि हुई। शेखावाटी, कुचामन और अलवर में 10 मिनट से आधे घटे तक हुई ओलावृष्टि से ओलों की चादर बिछ गई। खेतों में तैयार खड़ी फसलों को काफी नुकसान हुआ है। पढ़ें राजस्थाव @ पेज 02

राजस्थान ...

सबसे ज्यादा नुकसान सीकर में हुआ है, जहां 90 से अधिक गांवों में फसल चौपट हो गई। इसके अलावा अलवर और नागीर के कचामनसिटी में भी ओलावृष्टि के कारण गेहं, जौ, चना, सरसों, ईसबगोल की फसल खराब हो गई। मौसम में अचानक आए बदलाव से तापमान में भी खासी गिरावट दर्ज की गई। अलवर में दिन के तापमान में सात डिग्री की गिरावट हुई। जयपुर के बस्सी में बिजली गिरने से एक ही परिवार के चार जने झंलस गए, जिन्हें शाहपुरा के अस्पताल में भर्ती करवाया गया है।

News item/letter/article/editorial published on 05.03.2017 in the

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

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

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

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

पहाड़ों पर मारी बर्फबारी से ठंड फिर से लौटी

शिमला एजेंसी रहे-5-3-18

हिमाचल प्रदेश में ठंड वापस आ गई है। रविवार को राज्य के ऊंचे पहाडी इलाकों में और ज्यादा बर्फबारी हुई, जबकि मध्य और निचले पहाड़ी इलाकों में काफी बारिश हुई।

मौसम विभाग के एक अधिकारी ने बताया कि कई स्थानों पर तापमान हिमांक बिंदु से नीचे दर्ज किया गया। शिमला में भारी बारिश हुई और तापमान शन्य से पांच डिग्री सेल्सियस कम रहा, जबकि यहां से करीब 250 किलोमीटर दरकल्पा में नौ सेंटीमीटर बर्फबारी हुई। लाहौल एवं स्पीति जिले के मख्यालय केलांग में भी नौ सेंटीमीटर बर्फबारी हुई। धर्मशाला, पालमपुर, सोलन, नाहन, उना, बिलासपुर, हमीरपुर सहित राज्य के



केदारनाथ में रविवार को भारी बर्फबारी से चारो तरफ सफेद चादर बिछ गई। • हिन्दरतान

निचले इलाकों में मध्यम दर्जे की बारिश हुई, जिससे तापमान में गिरावट आ गई है। मनाली में सबसे ज्यादा 45.66 मिलीमीटर बारिश हुई। मौसम विभाग के अनुसार आगामी सप्ताह में मौसम मख्य रूप से शष्क रहने की संभावना है।

ओलावृष्टि से नुकसान के सर्वे का निर्देश दिया

जयपुर। राजस्थान की मुख्यमंत्री वसंघरा राजे ने रविवार की सीकर और अलवर सहित प्रदेश के कुछ जिलों में हुई ओलावृष्टि के कारण फसलों को हुए नकसान पर चिंता जाहिर की है। मुख्यमंत्री ने प्रभावित क्षेत्रों में तत्काल सर्वे करने के निर्देश दिए हैं।

हिमस्खलन की चेतावनी

जम्मू। जम्मू-कश्मीर में अधिकारियों ने हाल ही में हुई बर्फबारी के बाद उच्च ऊंचाई वाले विभिन्न क्षेत्रों के लिए हिमस्खलन की चेतावनी जारी की है। संवेदनशील इलाकों में एहतियाती कदम उठाने की सलाह दी गई है।

वेस्ट यूपी में बारिश के साथ ओलावृष्टि

बुलंदशहर/मुजफ्फरनगर। बुलंदशहर में मौसम ने रविवार को अचानक रुख बदल लिया। दोपहर बाद कुछ देर बादल छाए रहे। इसके बाद अचानक तेज आंधी आई और बारिश के साथ ओले पड़ने लगे।

ओलावृष्टि से किसानों के माथे पर चिंता की लकीरें भी देखने को मिलीं। रविवार को तापमान घटकर 14 डिग्री सेल्सियस पर पहुंच गया। उधर, मजफ्फरनगर में शनिवार आधी रात को बारिश के साथ ओले पड़े।

बलंदशहर में खुर्जा, नरौरा, कर्णवास और शहर में करीब दस मिनट तक लगातार ओले पड़े। रविवार को अचानक बदलते मौसम ने तापमान में गिरावट कर दी। (हिटी)

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
A a j (Hindi)
Indian Nation
Nai Duniya (Hindi)
The Times of India (A)
Blitz

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

आसमान से बरसेगी आग

नई दिल्ली, (पंजाब केसरी): मार्च का महीना शुरू हो गया है और मौसम में गर्मी का अहसास होने लगा है।हालांकि अभी तो यह शुरुआत है। मौसम विभाग की मानें तो इस साल मार्च से लेकर मई के बीच गर्मी का रिकार्ड टूटने वाला है। इन तीन महीनों में आसमान से आग बरसेगी।देश के कुछ राज्यों में तो गर्मी का स्तर सामान्य से 1.5 डिग्री सेल्सियस ऊपर रहने वाला है।

ये ग्लोबल वॉर्मिंग का प्रभाव: हाल हो में भारतीय मौसम विज्ञान विभाग यानी आईएमडी ने पूर्वानुमान में बताया है कि मानसून से पहले यानी प्री-मानसून के महीनों में गर्मी का कहर बरमेगा। गर्मी का स्तर सामान्य से 1.5 डिग्री



सेल्सियस ऊपर रहेगा। इसकी करीब 52 फीसदी तक संभावना है। इस संबंध में आईएमडी के डायरैक्टर जनरल डॉक्टर के.जे. रमेश का कहना है कि मार्च से लेकर मई के बीच आग बरसेगी। इस दौरान गर्म हवाएं चलेंगी। ये ग्लोबल वॉमिंग का प्रभाव माना जा रहा है, जिससे भारत

का आधे से ज्यादा हिस्सा गर्मी से बेहाल रहेगा। गर्मी से बेहाल होंगे ये राज्य: दिल्ली, पंजाब, छत्तीसगढ्, बिहार, झारखंड, पश्चिम बंगाल, ओडिशा, तेलंगाना, मराठवाड़ा, विदर्भ, हिमाचल प्रदेश, उत्तराखंड, हरियाणा, राजस्थान, उत्तर प्रदेश, गुजरात, मध्य प्रदेश, मध्य महाराष्ट्र और तटीय आंध्र प्रदेश शामिल हैं। यहां एक डिग्री सेल्सियस से ज्यादा तापमान रह सकता है। इस दौरान गर्मी का असर दक्षिण भारत पर भी दिखेगा। केरल, तमिलनाडु और कर्नाटक के क्षेत्रों में भी तापमान सामान्य से 0.5 ऊपर रहेगा। नॉर्थ ईस्ट के राज्यों नगालैंड, मणिपुर, मिजोरम और त्रिपुरा का भी यही हाल रहने वाला है।

4310 - 2-3-18