



ALL INDIA WEEKLY WEATHER REPORT  
02 – 08 MAY 2019

[Table-1\(A\)](#) [Table-1\(B\)](#) [Table-1\(C\)](#) [Table-2](#) [Table-3](#) [Fig-1](#) [Fig-2](#) [Annexure-1](#)

**SIGNIFICANT WEATHER FEATURES**

**Extremely Severe Cyclonic Storm:**

- Last week's Extremely Severe Cyclonic Storm 'FANI' (pronounced as 'FONI') over westcentral Bay of Bengal moved north-northeastwards and lay over westcentral Bay of Bengal, near Lat. 16.2°N and Long. 84.6°E, about 420 Km south-southwest of Puri (Odisha), 210 km south-southeast of Vishakhapatnam (Andhra Pradesh) and 610 km south-southwest of Digha (West Bengal) in the morning of 2<sup>nd</sup> May. IT moved over northwest & adjoining westcentral Bay of Bengal and lay centred near Lat. 19.6°N and Long. 85.7°E, about 25 Km south-southwest of Puri (Odisha), 90 km east-southeast of Gopalpur (Odisha), about 300 km east-northeast of Vishakhapatnam (Andhra Pradesh) and 330 km southwest of Digha (West Bengal) in the morning of 3<sup>rd</sup> May. The cyclonic storm **crossed** the Odisha coast close to Puri between 0800 to 1000 hours IST of 3<sup>rd</sup> May 2019. After crossing the coast, the cyclonic storm weakened gradually and lay as a Cyclonic Storm 'FANI' over Gangetic West Bengal in the early morning of 4<sup>th</sup> May and further weakened into a deep depression over Bangladesh and adjoining Gangetic West Bengal near Lat. 23.6°N and Long. 88.8°E, about 40 km east-northeast of Krishnanagar (West Bengal) in the morning of same day i.e. 4<sup>th</sup> May. It weakened into a well marked low pressure area and further into a low pressure area over north Myanmar and adjoining east Arunachal Pradesh, Nagaland & Manipur in the early morning of 5<sup>th</sup> May and become less marked thereafter.

**Heavy Rainfall Activity:**

- **Extremely heavy rainfall** had been reported at isolated places over Odisha on 3<sup>rd</sup> and Assam & Meghalaya on 5<sup>th</sup> May. **Heavy to very heavy rainfall** had been reported at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Bihar, Coastal Andhra Pradesh, Gangetic West Bengal and Tamilnadu and heavy at isolated places over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Jharkhand, south Interior Karnataka and Tamilnadu on one or two days of the week.

**Heat wave Conditions:**

- **Heat wave to severe heat wave conditions** had been reported at isolated places over Coastal Andhra Pradesh on one or two days. **Heat wave conditions** had been reported some parts over East Uttar Pradesh on one day or two days and isolated places over Vidarbha on many days; over Telangana on one or two days. The highest maximum temperature of 46.4<sup>0</sup>C had been recorded at Brahmapuri (Vidarbha) on 2<sup>nd</sup> may 2019 over the plains of the country during the week.

**LEGEND: A few days- 3 days, Many days- 4 to 5 days and Most days- 6 to 7 days during the week.**

**METEOROLOGICAL ANALYSIS**

- Last week the Western Disturbance lay as a cyclonic circulation over north Pakistan & neighbourhood between 3.1 & 5.8 km above mean sea level with a trough aloft with its axis at 7.6 km above mean sea level ran roughly along Long. 72°E to the north of Lat. 28°N on 2<sup>nd</sup> May. It laid over north Pakistan and adjoining Jammu & Kashmir at 3.1 km above mean sea level with a trough aloft roughly along Long. 73°E to the north of Lat. 28°N on 3<sup>rd</sup> and cyclonic circulation has become less marked. However, the trough at 5.8 km above mean sea level ran roughly along Long. 77°E to the north of Lat. 30°N 4<sup>th</sup>; roughly along Long. 78°E to the north of Lat. 34°N on 5<sup>th</sup>; roughly along Long. 86°E to the north of Lat. 34°N on 6<sup>th</sup> and moved away eastwards on 7<sup>th</sup> May, 2019.
- Last week cyclonic circulation lay over northwest Madhya Pradesh & adjoining southwest Uttar

Pradesh extending upto 1.5 km above mean sea level on 2<sup>nd</sup> May 2019 and merge with the trough from cyclonic circulation associated with the **Extremely Severe Cyclonic Storm 'FANI'** over northwest & adjoining westcentral Bay of Bengal to north Rajasthan across Madhya Pradesh on 3<sup>rd</sup> May, 2019.

- Last week's the trough from the cyclonic circulation over northwest Madhya Pradesh & adjoining southwest Uttar Pradesh to east Vidarbha across central Madhya Pradesh extending upto 0.9 km above mean sea level became less marked on 2<sup>nd</sup> May, 2019.
- Last week's the cyclonic circulation over eastcentral Arabian Sea & adjoining Coastal Karnataka at 1.5 km above mean sea level became less marked on 2<sup>nd</sup> May 2019.
- Last week's the cyclonic circulation lay over central Assam & neighbourhood extending upto 0.9 km above mean sea level on 2<sup>nd</sup> & 3<sup>rd</sup> May 2019 and became less marked on 4<sup>th</sup> May, 2019.
- The trough from the **Extremely Severe Cyclonic Storm 'FANI'** over northwest & adjoining westcentral Bay of Bengal to north Rajasthan ran across Madhya Pradesh and extends upto 1.5 km above mean sea level on 3<sup>rd</sup> and became less marked on 4<sup>th</sup> May, 2019.
- The cyclonic circulation over south Rajasthan & adjoining Gujarat extended upto 1.5 km above mean sea level on 4<sup>th</sup> & 5<sup>th</sup> and became less marked on 6<sup>th</sup> May, 2019.
- The fresh Western Disturbance as a trough in mid-tropospheric westerlies with its axis at 3.1 km above mean sea level ran roughly along Long. 65°E to the north of Lat. 28°N on 4<sup>th</sup> May 2019. It lay as a cyclonic circulation over west Afghanistan & neighbourhood at 3.1 km above mean sea level on 5<sup>th</sup> and moved away northeastwards on 6<sup>th</sup> May, 2019.
- The cyclonic circulation lay over central parts of north Uttar Pradesh at 0.9 km above mean sea level on 4<sup>th</sup> and became less marked on 5<sup>th</sup> May, 2019.
- The cyclonic circulation at 1.5 km above mean sea level lay over interior Tamilnadu on 5<sup>th</sup>; over Lakshadweep area & neighbourhood on 6<sup>th</sup>; over southeast Arabian Sea & adjoining Lakshadweep area between 1.5 km & 2.1 km above mean sea level on 7<sup>th</sup> and became less marked on 8<sup>th</sup> May, 2019.
- A trough at 0.9 km above mean sea level ran from northeast Chhattisgarh to Comorin area across Telangana, Rayalaseema & interior Tamilnadu on 5<sup>th</sup>; from south Chhattisgarh to Comorin area across Telangana, Rayalaseema & interior Tamilnadu on 6<sup>th</sup>; from north Chhattisgarh to North Interior Karnataka across east Vidarbha, Marathwada and Madhya Maharashtra on 7<sup>th</sup> and from north interior Odisha to Rayalaseema across Chhattisgarh and Telangana on 8<sup>th</sup> May, 2019.
- A trough in westerlies at 2.1 km above mean sea level ran roughly along Long. 91°E to the north of Lat. 25°N on 6<sup>th</sup>; roughly along Long. 93°E to the north of Lat. 25°N at 3.1 km above mean sea level on 7<sup>th</sup> and moved away eastwards on 8<sup>th</sup> May, 2019.
- A fresh Western Disturbance as a trough in mid-tropospheric westerlies with its axis at 5.8 km above mean sea level ran roughly along Long. 61°E to the north of Lat. 32°N on 6<sup>th</sup>. It lay as a cyclonic circulation over western parts of Afghanistan & neighbourhood at 3.1 km above mean sea level on 7<sup>th</sup> & 8<sup>th</sup> May, 2019.
- An induced cyclonic circulation extending upto 1.5 km above mean sea level lay over central Pakistan & neighbourhood on 6<sup>th</sup>; over Central Pakistan & adjoining West Rajasthan on 7<sup>th</sup> & 08<sup>th</sup> May, 2019.
- A cyclonic circulation lay over Sub-Himalayan West Bengal & neighbourhood extended upto 1.5 km above mean sea level on 7<sup>th</sup>; over north Bangladesh & neighbourhood extended upto 0.9 km above mean sea level on 8<sup>th</sup> May 2019.
- A Western Disturbance as a trough in mid-tropospheric westerlies with its axis at 5.8 km above mean sea level ran roughly along Long. 58°E to the north of Lat. 25°N on 08<sup>th</sup> May, 2019.

### RAINFALL SUMMARY

CATEGORY	WEEK			SEASON		
	02.05.2019 TO 08.05.2019			01.03.2019 TO 08.05.2019		
LARGE EXCESS	4			3		
EXCESS	3			4		
NORMAL	5			8		
DEFICIENT	6			16		
LARGE DEFICIENT	13			5		
NO RAIN	5			0		
Cumulative Rainfall (mm)	Actual	Normal	% Departure	Actual	Normal	% Departure
	14.8	11.5	+28%	65.5	82.5	-21%

- Sub-division wise weekly and seasonal rainfall distribution is presented in [Fig-1](#) and [Fig-2](#).
- Sub-divisionwise daily distribution of realised rainfall is shown in [Table-1\(A\)](#).
- Sub-divisionwise departure of realised maximum temperature from Normal is shown in [Table-1\(C\)](#)
- Statewise distribution of number of districts with Large-Excesse, Excess, Normal, Deficient, Large-deficient and no rainfall is shown in [Table-2](#).
- Cumulative seasonal rainfall data during the corresponding weekly period for the last five years are given in [Table-3](#).
- Sub-divisionwise realised weekly rainfall (in cm) is shown in [Annexure-1](#).

### FORECAST & WARNING FOR THE NEXT WEEK 09 MAY TO 15 MAY 2019

- Detailed seven days Sub-division wise rainfall-forecast & weather-warning is given in [Table-1\(B\)](#).

**Table-1 (A)**

<b>METEOROLOGICAL SUB-DIVISIONWISE DISTRIBUTION OF REALISED RAINFALL-2019</b>								
<b>S.No.</b>	<b>MET.SUB-DIVISIONS</b>	<b>02 MAY</b>	<b>03 MAY</b>	<b>04 MAY</b>	<b>05 MAY</b>	<b>06 MAY</b>	<b>07 MAY</b>	<b>08 MAY</b>
1	ANDAMAN & NICO.ISLANDS	D	FWS	SCT	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	WS	WS	WS	WS	WS	WS	FWS
3	ASSAM & MEGHALAYA	WS	WS	WS	WS	FWS	SCT	SCT
4	NAGA.MANI.MIZO.& TRIPURA	FWS	SCT	WS	WS	SCT	ISOL	ISOL
5	SUB-HIM.W. BENG. & SIKKIM	FWS	FWS	WS	WS	FWS	SCT	ISOL
6	GANGETIC WEST BENGAL	ISOL	SCT	WS	ISOL	D	D	D
7	ODISHA	ISOL	WS	WS	ISOL	SCT	ISOL	D
8	JHARKHAND	SCT	SCT	FWS	FWS	ISOL	D	D
9	BIHAR	ISOL	ISOL	FWS	ISOL	D	D	D
10	EAST UTTAR PRADESH	ISOL	ISOL	ISOL	D	D	D	D
11	WEST UTTAR PRADESH	ISOL	ISOL	ISOL	D	D	D	D
12	UTTARAKHAND	FWS	WS	ISOL	ISOL	D	D	D
13	HARYANA CHD. & DELHI	ISOL	SCT	ISOL	D	D	D	D
14	PUNJAB	ISOL	ISOL	D	D	D	D	D
15	HIMACHAL PRADESH	SCT	SCT	D	ISOL	ISOL	D	D
16	JAMMU & KASHMIR	ISOL	SCT	SCT	D	ISOL	D	SCT
17	WEST RAJASTHAN	D	D	D	D	D	D	D
18	EAST RAJASTHAN	D	ISOL	ISOL	ISOL	D	D	D
19	WEST MADHYA PRADESH	D	D	ISOL	ISOL	ISOL	D	D
20	EAST MADHYA PRADESH	D	D	ISOL	ISOL	D	D	D
21	GUJARAT REGION D.D. & N.H.	D	D	D	D	D	D	D
22	SAURASTRA KUTCH & DIU	D	D	D	ISOL	D	D	D
23	KONKAN & GOA	D	D	D	D	D	D	ISOL
24	MADHYA MAHARASHTRA	D	D	D	D	D	D	D
25	MARATHAWADA	D	D	D	D	D	D	D
26	VIDARBHA	ISOL	ISOL	D	D	D	D	D
27	CHHATTISGARH	ISOL	ISOL	ISOL	ISOL	ISOL	D	D
28	COASTAL ANDHRA PRADESH	ISOL	SCT	ISOL	D	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	D	D	D	D	D
30	RAYALASEEMA	D	D	D	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	D	ISOL	ISOL	ISOL	ISOL	ISOL
32	COASTAL KARNATAKA	ISOL	D	D	D	D	ISOL	SCT
33	NORTH INT.KARNATAKA	D	D	D	D	D	D	D
34	SOUTH INT.KARNATAKA	ISOL	D	D	ISOL	ISOL	SCT	SCT
35	KERALA	SCT	D	D	D	D	ISOL	ISOL
36	LAKSHADWEEP	D	D	D	D	D	D	D
<b>LEGENDS:</b>								
<b>WS</b>	<b>WIDE SPREAD / MOST PLACES (76-100%)</b>	<b>FWS</b>	<b>FAIRLY WIDE SPREAD / MANY PLACES (51% to 75%)</b>					
<b>SCT</b>	<b>SCATTERED / FEW PLACES (26% to 50%)</b>	<b>ISOL</b>	<b>ISOLATED (up to 25%)</b>	<b>D/DRY</b>	<b>NO STATION REPORTED RAINFALL</b>			

**Table-1 (B)**

<b>METEOROLOGICAL SUB-DIVISIONWISE WEEKLY RAINFALL FORECAST &amp; Wx. WARNINGS-2019</b>								
<b>Sr. No</b>	<b>MET.SUB-DIVISIONS</b>	<b>09 MAY</b>	<b>10 MAY</b>	<b>11 MAY</b>	<b>12 MAY</b>	<b>13 MAY</b>	<b>14 MAY</b>	<b>15 MAY</b>
1	ANDAMAN & NICO.ISLANDS	FWS	FWS	FWS	SCT	SCT	SCT	SCT
2	ARUNACHAL PRADESH	WS <sup>TS</sup>	WS <sup>TS</sup>	WS <sup>*</sup>	WS <sup>*</sup>	FWS	FWS	FWS
3	ASSAM & MEGHALAYA	FWS <sup>TS</sup>	FWS <sup>TS</sup>	FWS <sup>*</sup>	WS <sup>*</sup>	FWS	FWS <sup>*</sup>	D
4	NAGA.MANI.MIZO.& TRIPURA	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	SCT <sup>TS</sup>	SCT <sup>TS</sup>	SCT	SCT	SCT
5	SUB-HIM.W. BENG. & SIKKIM	SCT	SCT	FWS <sup>TS</sup>	FWS <sup>TS</sup>	FWS <sup>TS</sup>	FWS	FWS
6	GANGETIC WEST BENGAL	D <sup>†</sup>	D <sup>†</sup>	ISOL <sup>TS</sup>	ISOL	ISOL <sup>TS</sup>	ISOL	ISOL
7	ODISHA	ISOL <sup>†</sup>	D <sup>†</sup>	ISOL <sup>†</sup>	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL	ISOL
8	JHARKHAND	D <sup>†</sup>	D <sup>†</sup>	ISOL	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL	ISOL
9	BIHAR	D <sup>†</sup>	D <sup>†</sup>	ISOL	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL	ISOL
10	EAST UTTAR PRADESH	D <sup>DS</sup> <sup>†</sup>	D <sup>TSDS</sup> <sup>†</sup>	ISOL <sup>TSDS</sup>	ISOL	ISOL	ISOL	ISOL
11	WEST UTTAR PRADESH	D <sup>DS</sup>	ISOL <sup>TSDS</sup>	ISOL <sup>TSDS</sup>	ISOL	ISOL	ISOL	ISOL
12	UTTARAKHAND	D	SCT <sup>TS#</sup>	FWS <sup>TS#</sup>	SCT	SCT	FWS	SCT
13	HARYANA CHD. & DELHI	D <sup>DS</sup>	SCT <sup>TSDS</sup>	SCT <sup>TSDS</sup>	ISOL	SCT	ISOL	ISOL
14	PUNJAB	ISOL	SCT <sup>TSDS</sup>	SCT <sup>TSDS</sup>	ISOL	SCT	SCT	ISOL
15	HIMACHAL PRADESH	ISOL	SCT <sup>TS#</sup>	FWS <sup>TS#</sup>	ISOL	SCT	SCT	ISOL
16	JAMMU & KASHMIR	ISOL	FWS <sup>TS</sup>	FWS <sup>TS</sup>	ISOL	FWS	SCT	SCT
17	WEST RAJASTHAN	ISOL <sup>DS</sup> <sup>†</sup>	ISOL <sup>TSDS</sup>	SCT <sup>TSDS</sup>	ISOL	ISOL	SCT	SCT
18	EAST RAJASTHAN	D <sup>DS</sup>	ISOL <sup>TSDS</sup>	ISOL <sup>TSDS</sup>	ISOL	ISOL	SCT	SCT
19	WEST MADHYA PRADESH	D	ISOL	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	D	ISOL	ISOL
20	EAST MADHYA PRADESH	D <sup>†</sup>	ISOL <sup>†</sup>	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	D	D
21	GUJARAT REGION D.D. & N.H.	ISOL	ISOL	ISOL	D	D	D	ISOL
22	SAURASTRA KUTCH & DIU	D	ISOL	ISOL	ISOL	D	ISOL	ISOL
23	KONKAN & GOA	D	D	D	D	D	D	D
24	MADHYA MAHARASHTRA	D	D	D	D	D	D	D
25	MARATHAWADA	D	ISOL	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL	D	D
26	VIDARBHA	D <sup>††</sup>	D <sup>††</sup>	ISOL <sup>TS</sup> <sup>†</sup>	ISOL <sup>TS</sup>	D	D	D
27	CHHATTISGARH	D <sup>†</sup>	D <sup>†</sup>	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	ISOL <sup>††</sup>	ISOL <sup>†</sup> <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	D <sup>†</sup>	D <sup>†</sup>	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	D	ISOL
30	RAYALASEEMA	D	D	ISOL	ISOL <sup>TS</sup>	SCT <sup>TS</sup>	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT <sup>†</sup> <sup>TS*</sup>	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL <sup>TS</sup>	ISOL <sup>TS*</sup>	SCT	ISOL
32	COASTAL KARNATAKA	D	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INT.KARNATAKA	D	D	ISOL <sup>TS</sup>	ISOL	ISOL	D	ISOL
34	SOUTH INT.KARNATAKA	ISOL	ISOL	ISOL <sup>TS</sup>	SCT <sup>TS</sup>	SCT <sup>*TS</sup>	SCT	ISOL
35	KERALA	ISOL	ISOL	SCT <sup>TS</sup>	SCT <sup>*TS</sup>	SCT <sup>*TS</sup>	SCT	SCT
36	LAKSHADWEEP	D	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
<b>LEGENDS:</b>								
<b>WS</b>	WIDE SPREAD / MOST PLACES (76-100%)		<b>FWS</b>	FAIRLY WIDE SPREAD / MANY PLACES (51% to 75%)				
<b>SCT</b>	SCATTERED / FEW PLACES (26% to 50%)		<b>ISOL</b>	ISOLATED (up to 25%)		<b>D/DRY</b>	NIL RAINFALL	
* Heavy Rainfall (64.5-115.5 mm)			** Heavy to Very Heavy Rainfall (115.6-204.4 mm)			*** Extremely Heavy Rainfall (204.5 mm or more)		
• FOG		* SNOWFALL		# HAILSTORM		† HEAT WAVE (+4.5 °C to +6.4 °C)		†† SEVERE HEAT WAVE (> +6.4)
§ THUNDERSTORM WITH SQUALL/GUSTY WIND			DS/TS DUST/THUNDERSTORM		‡ COLD WAVE (-4.5 °C to -6.4 °C)		‡‡ SEVERE COLD WAVE (< -6.4)	

**Table-1 (C)**

<b>METEOROLOGICAL SUB-DIVISIONWISE DEPARTURE OF REALISED MAXIMUM TEMPERATURE - 2019</b>								
<b>Sr.No</b>	<b>MET.SUB-DIVISIONS</b>	<b>02 MAY</b>	<b>03 MAY</b>	<b>04 MAY</b>	<b>05 MAY</b>	<b>06 MAY</b>	<b>07 MAY</b>	<b>08 MAY</b>
1	ANDAMAN & NICO.ISLANDS	N	AN	N	N	BN	N	N
2	ARUNACHAL PRADESH	BN	N	N	N	BN	MBN	ABN
3	ASSAM & MEGHALAYA	AN	N	N	N	N	MBN	N
4	NAGA.MANI.MIZO.& TRIPURA	AAN	N	N	N	AN	AN	AAN
5	SUB-HIM.W. BENG. & SIKKIM	N	N	BN	N	AAN	AN	N
6	GANGETIC WEST BENGAL	N	N	MBN	N	AN	AN	AN
7	ODISHA	N	MBN	N	N	N	N	AN
8	JHARKHAND	N	MBN	MBN	N	N	AN	AAN
9	BIHAR	N	N	MBN	N	AAN	AAN	N
10	EAST UTTAR PRADESH	AN	N	N	N	AN	AAN	AAN
11	WEST UTTAR PRADESH	N	N	N	N	N	N	AN
12	UTTARAKHAND	N	N	N	N	AN	AAN	AAN
13	HARYANA CHD. & DELHI	N	N	N	N	N	AN	AAN
14	PUNJAB	N	N	N	N	N	N	AAN
15	HIMACHAL PRADESH	BN	N	N	N	N	N	AAN
16	JAMMU & KASHMIR	ABN	N	N	N	N	N	N
17	WEST RAJASTHAN	N	N	N	N	AN	N	N
18	EAST RAJASTHAN	N	N	N	N	N	AN	N
19	WEST MADHYA PRADESH	N	N	N	N	N	N	N
20	EAST MADHYA PRADESH	AN	N	N	N	N	N	AN
21	GUJARAT REGION D.D. & N.H.	N	N	N	N	N	N	N
22	SAURASTRA KUTCH & DIU	N	N	N	N	N	N	N
23	KONKAN & GOA	N	N	N	N	N	N	N
24	MADHYA MAHARASHTRA	BN	BN	BN	N	N	N	N
25	MARATHAWADA	N	N	N	N	N	AN	N
26	VIDARBHA	N	N	N	N	N	AN	AN
27	CHHATTISGARH	BN	N	N	N	AN	N	N
28	COASTAL ANDHRA PRADESH	N	N	MAN	N	N	N	N
29	TELANGANA	AN	N	N	AN	N	AN	AN
30	RAYALASEEMA	N	N	N	N	N	AN	N
31	TAMILNADU & PUDUCHERRY	AAN	N	AN	N	N	N	N
32	COASTAL KARNATAKA	N	N	N	N	N	N	N
33	NORTH INT.KARNATAKA	N	N	N	N	N	AN	N
34	SOUTH INT.KARNATAKA	N	N	N	N	N	N	N
35	KERALA	N	N	N	N	N	N	N
36	LAKSHADWEEP	N	N	N	N	N	N	N
<b>Highest Maximum Temperature (°C)</b>		<b>46.4</b>	<b>45.0</b>	<b>45.0</b>	<b>45.2</b>	<b>45.6</b>	<b>46.2</b>	<b>46.2</b>
<b>Station(s) observed HMT</b>		Brahmapuri	Brahmapuri	Chandrapur	Khammam	Brahmapuri	Brahmapuri	Banda
<b>Station(s) lies in Met-Subdivision(s)</b>		Vidarbha	Vidarbha	Vidarbha	Telangana	Vidarbha	Vidarbha	East U.P.
<b>LEGENDS:</b>								
<b>N</b>	<b>NORMAL (N+1,N-1)°C</b>	<b>BN</b>	<b>BELOW NORMAL (N-2)°C</b>		<b>ABN</b>	<b>APRECIABLY BELOW NORMAL (N-3, -4)°C</b>		
<b>AN</b>	<b>ABOVE NORMAL (N+2)°C</b>	<b>MBN</b>	<b>MARKEDLY BELOW NORMAL (N-5 &amp; BELOW ) °C</b>					
<b>AAN</b>	<b>APRECIABLY ABOVE NORMAL (N+3,+4)°C</b>			<b>MAN</b>	<b>MARKEDLY ABOVE NORMAL (N+5 &amp; ABOVE ) °C</b>			

**Table-2**

**STATEWISE DISTRIBUTION OF NO. OF DISTRICTS  
WITH EXCESS, NORMAL, DEFICIENT, SCANTY AND NO RAINFALL**

S. NO.	STATES	PERIOD FROM : 01.03.2019 TO 08.05.2019							TOTAL
		LE	E	N	D	LD	NR	ND	
1	A & N ISLAND (UT)	0	0	2	1	0	0	0	3
2.	ARUNACHAL PRADESH	0	1	4	5	3	0	3	16
3.	ASSAM	3	8	11	4	0	0	1	27
4.	MEGHALAYA	1	2	1	0	1	0	2	7
5.	NAGALAND	0	1	4	5	0	0	1	11
6.	MANIPUR	0	0	1	5	1	0	2	9
7.	MIZORAM	0	0	0	1	3	0	5	9
8.	TRIPURA	0	0	1	3	0	0	0	4
9.	SIKKIM	0	1	2	1	0	0	0	4
10.	WEST BENGAL	11	3	3	2	0	0	0	19
11.	ODISHA	15	1	9	3	2	0	0	30
12.	JHARKHAND	14	3	5	0	1	0	1	24
13.	BIHAR	8	6	7	10	6	0	1	38
14.	UTTAR PRADESH	1	3	13	28	24	3	0	72
15.	UTTARAKHAND	0	1	4	7	1	0	0	13
16.	HARYANA	5	2	5	5	4	0	0	21
17.	CHANDIGARH (UT)	0	1	0	0	0	0	0	1
18.	DELHI	0	0	1	5	2	1	0	9
19.	PUNJAB	1	3	6	9	1	0	0	20
20.	HIMACHAL PRADESH	0	1	2	8	1	0	0	12
21.	JAMMU & KASHMIR	0	1	2	14	2	0	3	22
22.	RAJASTHAN	18	3	4	3	4	1	0	33
23.	MADHYA PRADESH	19	7	10	6	6	3	0	51
24.	GUJARAT	1	0	2	1	6	23	0	33
25.	DADRA & NAGAR HAVELI (UT)	0	0	0	0	0	1	0	1
26.	DAMAN & DIU (UT)	0	0	0	0	0	2	0	2
27.	GOA	0	0	0	0	2	0	0	2
28.	MAHARASHTRA	0	0	2	8	18	4	4	36
29.	CHHATISGARH	5	3	7	9	3	0	0	27
30.	ANDHRA PRADESH	1	0	5	5	2	0	0	13
31.	TELANGANA	1	3	3	9	15	0	0	31
32.	TAMILNADU	0	0	3	6	21	2	0	32
33.	PUDUCHERRY (UT)	0	0	0	1	0	1	2	4
34.	KARNATAKA	2	2	5	17	4	0	0	30
35.	KERALA	0	1	2	9	2	0	0	14
36.	LAKSHADWEEP (UT)	0	0	0	0	1	0	0	1
	<b>TOTAL</b>	<b>106</b>	<b>57</b>	<b>126</b>	<b>190</b>	<b>136</b>	<b>41</b>	<b>25</b>	<b>681</b>
CATEGORYWISE DISTRIBUTION OF DISTRICTS OUT OF THE 656 WHOSE DATA RECEIVED		16%	9%	19%	29%	21%	6%		

**PERCENT DISTRIBUTION OF DISTRICTS IN EARLIER YEARS SINCE 1st MARCH**

DATE	LE	E	N	D	LD	NR
02.05.2018	10%	12%	18%	26%	20%	14%
03.05.2017	10%	11%	18%	20%	23%	18%
04.05.2016	0%	20%	15%	21%	34%	10%
29.04.2015	0%	84%	11%	3%	2%	0%
30.04.2014	0%	38%	11%	16%	27%	8%

**Table-3**

**RAINFALL DURING PRE-MONSOON SEASON**

S. No.	Meteorological Sub-Divisions	<i>For the period from 1<sup>st</sup> March to</i>						
			07 MAY 2014	06 MAY 2015	11 MAY 2016	10 MAY 2017	09 MAY 2018	08 MAY 2019
1.	Andaman & Nicobar Islands	A	32	152	13	165	201	121
		N	162	152	191	185	177	167
		D	-80	+0	-93	-11	+14	-27
2.	Arunachal Pradesh	A	222	439	486	636	325	322
		N	514	509	540	533	526	520
		D	-57	-14	-10	+19	-38	-38
3	Assam & Meghalaya	A	137	318	425	491	277	352
		N	334	325	372	363	353	343
		D	-59	-2	+14	+35	-22	+3
4.	Naga., Mani., Mizo. & Tripura	A	103	235	253	452	262	181
		N	284	275	317	307	299	292
		D	-64	-14	-20	+47	-12	-38
5.	Sub-Himalayan West Bengal & Sikkim	A	145	246	242	286	241	261
		N	237	233	267	259	253	246
		D	-39	+6	-9	+10	-5	+6
6.	Gangetic West Bengal	A	62	120	51	83	96	195
		N	88	86	98	95	92	90
		D	-29	+40	-48	-13	+5	+117
7.	Odisha	A	46	87	38	62	100	120
		N	77	75	87	83	80	78
		D	-40	+15	-56	-26	+24	+53
8.	Jharkhand	A	35	74	34	16	50	92
		N	43	42	49	47	45	44
		D	-17	+77	-30	-65	+11	+109
9.	Bihar	A	13	66	23	64	23	48
		N	35	34	41	39	38	36
		D	-63	+95	-45	+63	-40	+32
10.	East Uttar Pradesh	A	20	72	18	10	21	9
		N	18	17	19	19	18	18
		D	+15	+316	-7	-46	+16	-48
11.	West Uttar Pradesh	A	34	88	18	11	19	14
		N	18	17	20	19	19	18
		D	+88	+405	-9	-43	+2	-25
12.	Uttarakhand	A	128	196	85	111	116	82
		N	100	98	108	105	103	101
		D	+29	+100	-22	+5	+13	-19
13.	Haryana, Chandigarh & Delhi	A	37	108	25	12	16	21
		N	23	22	25	24	23	23
		D	+61	+390	+3	-50	-33	-7
14.	Punjab	A	57	99	39	27	22	35
		N	41	40	43	43	42	41
		D	+39	+145	-9	-37	-46	-15



S. No.	Meteorological Sub-Divisions	For the period from 1 <sup>st</sup> March to						
			07 MAY 2014	06 MAY 2015	11 MAY 2016	10 MAY 2017	09 MAY 2018	08 MAY 2019
15.	Himachal Pradesh	A	191	268	204	153	132	105
		N	193	191	203	200	197	194
		D	-1	+40	+0	-24	-33	-46
16.	Jammu & Kashmir	A	328	531	289	247	211	155
		N	265	263	280	276	271	268
		D	+24	+102	+3	-10	-22	-42
17.	West Rajasthan	A	13	55	9	8	5	8
		N	9	9	11	10	10	10
		D	+45	+527	-18	-25	-55	-13
18.	East Rajasthan	A	15	72	7	7	6	19
		N	8	7	9	8	8	8
		D	+92	+871	-16	-23	-23	+144
19.	West Madhya Pradesh	A	8	67	9	2	3	12
		N	7	7	8	8	7	7
		D	+4	+837	+16	-70	-54	+59
20.	East Madhya Pradesh	A	23	100	25	3	13	24
		N	19	19	20	20	19	19
		D	+22	+419	+24	-86	-34	+23
21.	Gujarat Region	A	1	13	1	0	*	1
		N	2	1	2	2	2	2
		D	-18	+744	-57	-99	-93	-54
22.	Saurashtra, Kutch & Diu	A	1	7	1	0	*	*
		N	2	1	2	2	2	2
		D	-64	+386	-34	-98	-93	-79
23.	Konkan & Goa	A	1	41	3	3	3	1
		N	6	5	6	6	6	6
		D	-82	+655	-47	-51	-48	-91
24.	Madhya Maharashtra	A	34	56	11	6	6	7
		N	16	16	17	17	17	16
		D	+113	+257	-37	-63	-65	-57
25.	Marathawada	A	85	76	18	5	11	6
		N	14	14	15	15	15	14
		D	+499	+438	+22	-63	-26	-59
26.	Vidarbha	A	55	99	36	8	12	7
		N	21	21	22	22	22	22
		D	+155	+362	+60	-66	-47	-70
27.	Chhattisgarh	A	35	62	39	8	38	27
		N	31	31	33	33	32	32
		D	+14	+103	+18	-75	+18	-16
28.	Coastal Andhra Pradesh	A	26	45	22	36	77	39
		N	43	41	57	53	48	45
		D	-40	+12	-62	-32	+58	-13
29.	Telangana	A	68	89	61	22	43	18
		N	30	30	34	33	31	31
		D	+126	+200	+80	-34	+37	-43

S. No.	Meteorological Sub-Divisions	For the period from 1 <sup>st</sup> March to						
			07 MAY 2014	06 MAY 2015	11 MAY 2016	10 MAY 2017	09 MAY 2018	08 MAY 2019
30.	Rayalaseema	A	26	86	20	34	60	21
		N	35	34	40	39	37	37
		D	-26	+153	-50	-11	+59	-42
31.	Tamil Nadu & Puducherry	A	72	137	25	71	88	27
		N	76	73	83	81	79	78
		D	-5	+86	-70	-12	+10	-65
32.	Coastal Karnataka	A	84	101	7	37	80	31
		N	50	48	57	55	53	52
		D	+67	+110	-89	-32	+50	-40
33.	North Interior Karnataka	A	73	87	33	42	45	26
		N	39	39	43	42	41	41
		D	+85	+125	-24	+0	+8	-35
34.	South Interior Karnataka	A	94	127	44	91	108	53
		N	70	68	78	76	73	72
		D	+35	+88	-43	+21	+47	-27
35.	Kerala	A	199	284	110	179	244	119
		N	176	171	195	190	185	181
		D	+13	+66	-44	-6	+32	-34
36.	Lakshadweep	A	26	109	7	141	225	27
		N	81	78	94	91	87	83
		D	-68	+40	-93	+56	+157	-68
<b>Country as a whole</b>		<b>A</b>	<b>55.2</b>	<b>136.3</b>	<b>77.3</b>	<b>86.2</b>	<b>73.4</b>	<b>65.5</b>
		<b>N</b>	<b>56.6</b>	<b>79.4</b>	<b>88.2</b>	<b>86.1</b>	<b>84.2</b>	<b>82.5</b>
		<b>D</b>	<b>-2</b>	<b>+72</b>	<b>-12</b>	<b>0</b>	<b>-13</b>	<b>-21</b>

#### SUMMARY

No. of Sub-Divisions with rainfall	For the period from 1 <sup>st</sup> March to						
	07 MAY 2014	06 MAY 2015	11 MAY 2016	10 MAY 2017	09 MAY 2018	08 MAY 2019	
Large Excess	-	-	=	01	01	03	
Excess	15	29	04	04	07	04	
Normal	08	07	13	10	11	08	
<b>Total</b>	<b>23</b>	<b>36</b>	<b>17</b>	<b>15</b>	<b>19</b>	<b>15</b>	
Deficient	07	00	14	12	14	16	
Large Deficient	-	-	-	09	03	05	
Scanty	06	00	05	-	-	-	
No rain	00	00	00	00	00	00	
<b>Total</b>	<b>13</b>	<b>00</b>	<b>19</b>	<b>21</b>	<b>17</b>	<b>21</b>	
Data Inadequate	00	00	00	00	00	00	
<b>TOTAL</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	

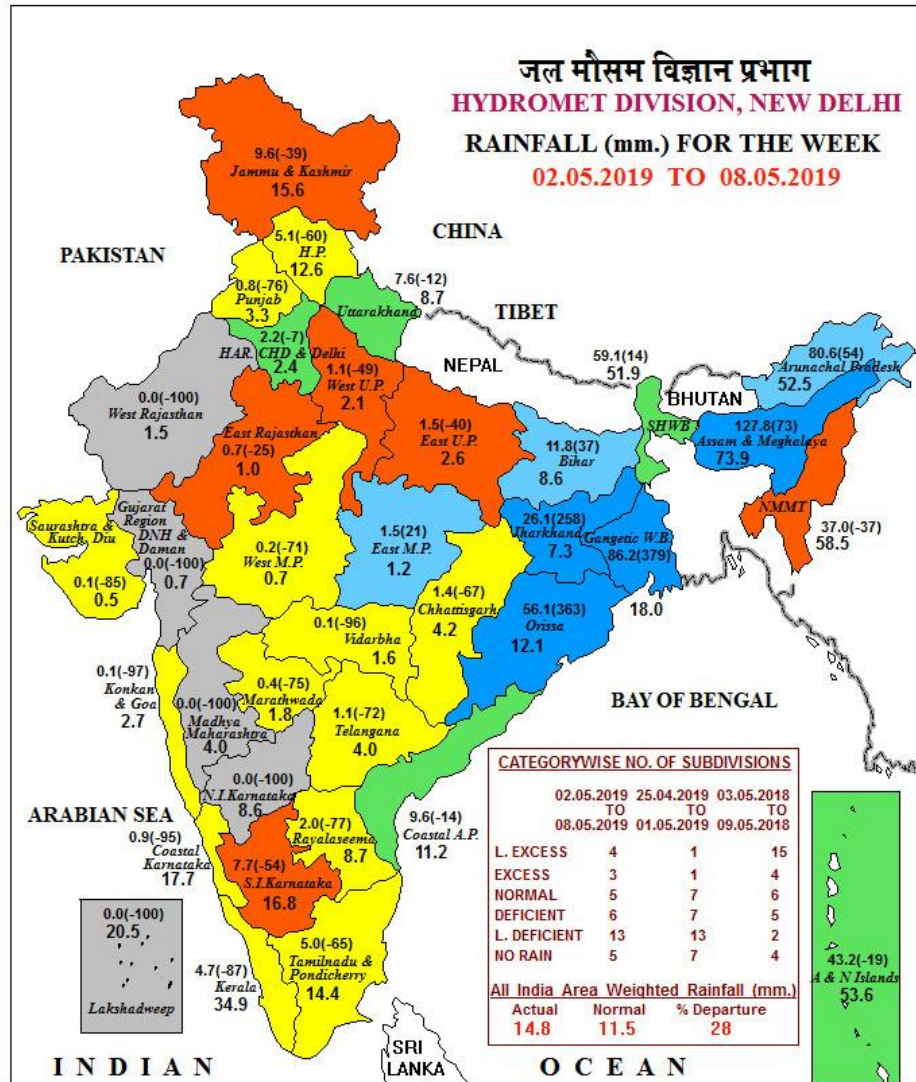
\* Data is rounded off to nearest full figure according to Meteorological convention.

<b>SEASONS : WINTER SEASON</b> (January-February)	<b>PRE-MONSOON SEASON</b> (March-May)
<b>MONSOON SEASON</b> (June-September)	<b>POST-MONSOON SEASON</b> (October-December)

<b>LEGENDS:</b>		
Large Excess: (+60% or more)	Large Deficient: (-60% to -99%)	A : Actual Rainfall (mm)
Excess: (+20% to +59%)	Scanty: (-20% to -99%)	N : Normal Rainfall (mm)
Normal: (+19% to -19%)	No Rain (-100%)	D : Departure from normal (%)
Deficient: (-20% to -59%)	Data Inadequate: **	Rainfall upto 0.4 mm : *

**Fig-1**

**भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT**



**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

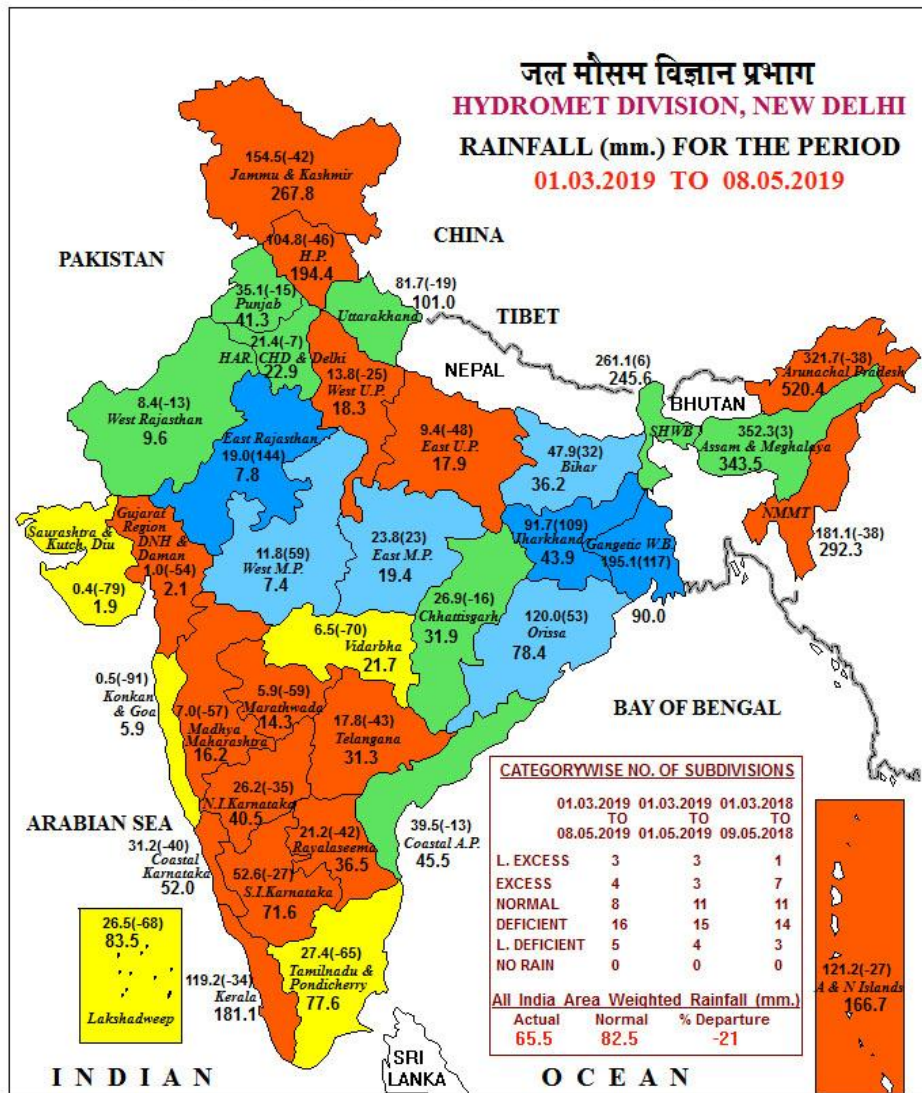
**NOTES:**

(a) Rainfall figures are based on operational data.

(b) Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.)  
 Percentage Departures of Rainfall are shown in Brackets.

**Fig-2**

**भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT**



**LEGEND:** ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)  
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

**NOTES:**

- (a) Rainfall figures are based on operational data.
- (b) Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.)  
 Percentage Departures of Rainfall are shown in Brackets.

**RAINFALL DURING THE WEEK (in cm.)**  
**(2 MAY 2019 TO 8 MAY 2019)**

**2 MAY 2019**

**ARUNACHAL PRADESH:** HAWAI-8, MIAO-6, TEZU-6, KOLORIANG-5, NAHARLAGUN-5, CHANGLANG-5, ITANAGAR-5, NAMSAI-4, BHALUKPONG-2, BASAR-1, DAPARIJO-1, SEPPA-1, ZIRO-1, PASIGHAT AERO-1, **ASSAM & MEGHALAYA:** CHERRAPUNJI(RKM)-14, MAWSYNRAM-14, CHERRAPUNJI-10, BAHALPUR-9, DHOLLA BAZAR-9, MARGHERITA-8, HALFLONG-7, MAJBAT-7, DILLIGHAT-7, KHOWANG-7, TAMULPUR-7, DHUBRI IMD-7, DHUBRI CWC-6, MANASH NH XING-6, BIHUBAR-5, GOIBARGAON-5, GOALPARA CWC-5, KOKRAJHAR-5, MORANHAT-5, PUTHIMARI-5, DRF-5, NUMALIGARH-5, JORHAT-5, NAHAR KATIA-5, BARPETA-5, JIA BHARALI N T XING-4, AIE NH XING-4, NEAMATIGHAT-4, BEKI MATHUNGARI-4, BEKY RLY.BRIDGE-4, NALBARI/PAGLADIA-4, MELABAZAR/MATUNGA-4, DHEKIAJULI-4, RANGIA-4, BADATIGHAT-3, TEZPUR-3, HAZUAH-3, TINSUKIA-3, KARIMGANJ-3, TIKRIKILLA-3, SHELLA-3, GOLAGHAT PTO-3, WILLIAMNAGAR-3, DIBRUGARH/MOHANBARI AERO-3, GOLAGHAT CWC-2, GOSSAIGAON-2, PANBARI-2, GUWAHATI AP-2, N.LAKHIMPUR/LILABARI-2, GUWAHATI AWS-2, SIVASAGAR-2, CHAUDHOWAGHAT-2, DHEMAJI-1, GUWAHATI CITY IMD-1, BARPATHAR-1, AMRAGHAT-1, SILCHAR-1, CHAPARMUKH-1, KHERONIGHAT-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** TIZIT NSDMA AWS-14, TULI NSDMA AWS-8, BHANDARI NSDMA AWS-3, MOKOKCHANG-2, IMPHAL T-AERO-1, KIPHIRE NSDMA AWS-1, ONG PANGKONG NSDMA AWS-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** MATHABHANGA-5, ALIPURDUAR (PTO)-4, ALIPURDUAR (CWC)-4, COOCH BEHAR-3, CHUNGTANG-3, BAGDOGRA IAF-3, BUXADUAR-3, GYALSING (PTO)-2, CHEPAN-2, BAROBHISHA-1, SANKALAN-1, KUMARGRAM-1, YUKSOM-1, MANGAN-1, FALAKATA-1, NAGARKATA-1, **GANGETIC WEST BENGAL:** ASANSOL-3, ASANSOL(CWC)-3, **JHARKHAND:** JAMTARA-4, BOKARO-4, MAITHON-3, TENUGHAT-3, JARIDIH-2, GOBINDPUR-2, RAMGARH BDO-2, BARKISURAIYA-1, TOPCHANCHI-1, DEOGHAR-1, **BIHAR:** SHERGHATI-1, GARHI-1, **WEST UTTAR PRADESH:** ANUPSHAHAR-1, **UTTARAKHAND:** DUNDA-1, MUSSOORIE-1, BHATWARI-1, HARDWAR-1, UTTAR KASHI-1, UTTAR KASHI (CWC)-1, **HARYANA, CHANDIGARH & DELHI:** TAJEWALA-1, MUSTAFABAD-1, CHHACHHRAULI-1, **HIMACHAL PRADESH:** POOH-3, KHADRALA-1, SIMLA-1, RAMPUR BUSHAR-1, KALPA-1, RENUKA / DADHAU-1, SANGRAHA-1, **MARATHWADA:** DHALEGAON - FMO-1, **CHHATTISGARH:** PENDRA ROAD-1, **COASTAL ANDHRA PRADESH:** KOYALAGUDEM-2, SANTHAMAGULURU-2, ADDANKI-1, **TELANGANA:** KONIJERLA-6, BAYARAM-3, YELLANDU-2, GARLA-2, TEKULAPALLE-1, MARRIGUDA-1, DORNAKAL-1, BHADRACHALAM-1, MADHIRA-1, **TAMILNADU & PUDUCHERRY:** MYLAM AWS-4, VANUR-3, PONDICHERRY-2, K.M.KOIL-2, TINDIVANAM-1, **COASTAL KARNATAKA:** SUBRAMANYA-2, **KERALA:** IRIKKUR-4, ALWAYS PWD-3, KOCHI I.A.F.-2, ERNAKULAM SOUTH-2, KOCHI C.I.A.L.-1, CHALAKUDI-1, VADAKARA-1, PERUMPAVUR-1, CHERTHALA-1.

**3 MAY 2019**

**ANDAMAN & NICOBAR ISLANDS:** LONG ISLAND-5, CAR NICOBAR-1, **ARUNACHAL PRADESH:** HAWAI-8, NAMSAI-3, TEZU-2, KOLORIANG-2, MIAO-1, YINGKIONG-1, PASIGHAT AERO-1, SEPPA-1, BHALUKPONG-1, **ASSAM & MEGHALAYA:** GOSSAIGAON-16, KOKRAJHAR-10, HAZUAH-7, TIKRIKILLA-5, DHUBRI CWC-4, D/MOHANBARI AERO-4, CHERRAPUNJI(RKM)-4, BAHALPUR-4, DHUBRI IMD-4, WILLIAMNAGAR-3, AIE NH XING-3, BEKI MATHUNGARI-3, TINSUKIA-3, BEKY RLY.BRIDGE-3, PUTHIMARI-3, TAMULPUR-3, SHELLA-3, MANASH NH XING-3, MELABAZAR/MATUNGA-3, BARPETA-2, GUWAHATI CITY IMD-2, MAWSYNRAM-2, KAMPUR-2, KARIMGANJ-2, KHOWANG-1, DHARAMTUL-1, MORANHAT-1, MAJBAT-1, DHEMAJI-1, CHERRAPUNJI-1, DRF-1, GOIBARGAON-1, CHAPARMUKH-1, NALBARI/PAGLADIA-1, B P GHAT-1, GUWAHATI AWS-1, RANGIA-1, ABHAYAPURI AWS-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** ALIPURDUAR (PTO)-7, ALIPURDUAR (CWC)-7, KUMARGRAM-6, COOCH BEHAR-5, BUXADUAR-4, GANGTOK-4, GYALSING (PTO)-4, NEORA-3, NAGARKATA-3, MATHABHANGA-2, TADONG-2, MANGAN-2, SANKALAN-2, GAJOLDOBA-1, NH31 BRIDGE-1, BAGDOGRA IAF-1, MURTI-1, **GANGETIC WEST BENGAL:** DIGHA-3, KALAIKUNDA ( IAF)-1, MIDNAPORE(CWC)-1, BANKURA(CWC)-1, JHARGRAM (PTO)-1, **ODISHA:** BERHAMPUR-30, GOPALPUR-17, BANKI ARG-17, CHHATRAPUR-15, MUNDALI-12, PURUSHOTTAMPUR-11, MOHANA-11, PURI-11, RANPUR-11, R.UDAIGIRI-11, RAJGHAT-10, NUAGADA ARG-9, TIRTOL ARG-8, DIGAPAHANDI ARG-8, BALASORE-8, GANIA ARG-8,

BANPUR-7, ASKA-7, NH5 GOBINDPUR-7, KHANDAPARA-7, NARSINGHPUR-7, NARAJ-7, NIALI ARG-7, TANGI-6, KANTAPADA ARG-6, BHUBANESWAR AERO-6, ALIPINGAL-6, ODAGAON ARG-6, NAYAGARH-5, BOLAGARH ARG-5, DASPALLA-5, NILGIRI-5, MUNIGUDA ARG-5, HINDOL-5, SORO-5, KAPTIPADA ARG-4, TIGIRIA ARG-4, JAIPUR-4, CUTTACK-4, BHUBAN ARG-4, BALIMUNDALI-4, BALIPATNA ARG-4, KAMAKHYANAGAR-4, KUJANGA ARG-4, ATHGARH-4, BARMUL-4, SORADA-4, BASUDEVPUR AWS-4, GHATAGAON-4, TIKABALI-4, KOREI ARG-4, RAJKANIKA-4, HARICHANDANPUR ARG-3, ANANDPUR-3, PARJANG ARG-3, TIHIDI ARG-3, DHAMNAGAR ARG-3, G UDAYAGIRI AWS-3, CHANDBALI-3, PARALAKHEMUNDI-3, CHANDANPUR-3, BINJHARPUR ARG-3, NAWANA-3, BETANATI ARG-3, GARADAPUR ARG-3, RAGHUNATHPUR ARG-3, MADHABARIDA-3, MAHENDRAGARH-3, SUKINDA-3, DARINGIBADI-3, BANARPAL ARG-3, BARIPADA-3, DHENKANAL-3, REMUNA ARG-3, GUDARI-3, PARADEEP CWR-3, RAIKIA ARG-3, JAGANNATH PRASAD ARG-3, ALTUMA CWC-3, ANGUL-3, DANAGADI ARG-3, PHIRINGIA ARG-3, DERABIS ARG-3, JAJPUR-3, SALEPUR ARG-3, GUNUPUR-2, TIKARPARA-2, KENDRAPARA-2, BONTH-2, TALCHER-2, AKHUAPADA-2, KASHINAGAR-2, BHOGRAI-2, BALIKUDA ARG-2, MAHANGA ARG-2, JAMSOLAGHAT-2, JALESWAR-2, NISCHINTAKOILI ARG-2, THAKURMUNDA-2, KARANJIA-2, JOSHIPUR-2, UDALA-2, BARI ARG-1, KANIHA ARG-1, HARABHANGA-1, KANKADAHAD ARG-1, SAMAKHUNTA AWS-1, SWAM-PATNA-1, CHENDIPADA-1, PATTAMUNDAI-1, RAIRANGPUR-1, KEONJHARGARH-1, JAGATSINGHPUR AWS-1, RAYAGADA-1, BANGIRIPOSI-1, ATHMALIK-1, KOTAGARH-1, KOTRAGUDA-1, TELKOI-1, MARSAGHAI ARG-1, **BIHAR:** GALGALIA-14, THAKURGANJ-4, TAIBPUR-3, BAGAHA-1, TRIBENI/BALMIKI-1, GARHI-1, **EAST UTTAR PRADESH:** NIGHASAN-4, MUHAMMADI-3, **UTTARAKHAND:** MUKTESHWAR-2, JOLLYGRANT-1, RANIKHET (G)-1, NAINITAL-1, JOSHIMATH-1, MUNSIYARI-1, CHAMPAWAT-1, TEHRI (CWC)-1, TEHRI-1, **HARYANA, CHANDIGARH & DELHI:** PEHOWA-3, NARAINGARH-3, KARNAL REV-2, ASSANDH-1, KAITHAL-1, CHHACHHRAULI-1, SONEPAT-1, SADHAURA-1, NILOKHERI-1, KARNAL-1, KHARKODA-1, RADAUR-1, THANESAR-1, KURUKSHETRA-1, **PUNJAB:** BALACHAUR-3, LUDHIANA-2, **HIMACHAL PRADESH:** UDAIPUR-1, KOTKHAI-1, NAHAN-1, RENUKA / DADHAU-1, SARAHAN-1, SANGRAHA-1, KALPA-1, **JAMMU & KASHMIR:** BANDIPORA-2, GULMARG R.S.-2, GULMARG AWS-1, PAHALGAM AWS-1, KUPWARA-1, PAHALGAM-1, BARAMULLA AWS-1, KUKERNAG-1, ANANTNAG-1, **EAST RAJASTHAN:** KAMAN-1, **COASTAL ANDHRA PRADESH:** ICHCHAPURAM-18, SOMPETA-17, PALASA-15, MANDASA-13, TEKKALI-12, KALINGAPATNAM-9, RANASTALAM-5, THERLAM-4, PATHAPATNAM-4, CHEEPURUPALLE-4, MERAKAMUDIDAM-3, GARIVIDI-3, PUSAPATIREGA-3, NELLIMARLA-2, PALAKONDA-2, DENKADA-2, BALAJIPETA-2, VISAKHAPATNAM-1, BHEEMUNIPATNAM-1, VEERAGHATTAM-1, JIYYAMMA VALASA-1, BOBBILI-1, GARUGUBILLI-1, GAJAPATHINAGARAM-1, SEETHANAGARAM-1.

**4 MAY 2019**

**ANDAMAN & NICOBAR ISLANDS:** LONG ISLAND-3, PORT BLAIR-1, **ARUNACHAL PRADESH:** TUTING-9, TAWANG AWS-2, YINGKIONG-2, CHANGLANG-2, DAPARIJO-1, MIAO-1, **ASSAM & MEGHALAYA:** WILLIAMNAGAR-8, MAWSYNRAM-7, CHERRAPUNJI-6, CHERRAPUNJI(RKM)-6, GHARMURA-6, LAKHIPUR-4, SHELLA-4, SHILLONG C.S.O.-4, MATIJURI-3, HALFLONG-3, KARIMGANJ-3, BARAPANI-3, MARGHERITA-2, MANGOLDOI-2, SILCHAR-2, PANBARI-2, B P GHAT-2, GOALPARA PTO-2, DHUBRI CWC-2, DHOLAI-2, TIKRIKILLA-1, DHUBRI IMD-1, GUWAHATI CITY IMD-1, A P GHAT-1, AMRAGHAT-1, GUWAHATI AP-1, GOALPARA CWC-1, GUWAHATI AWS-1, LUMDING-1, BOKAJAN-1, DHARAMTUL-1, BARPATHAR-1, GOSSAIGAON-1, BIHUBAR-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** ARUNDHUTINAGAR-9, SONAMURA-8, AGARTALA AERO-7, AMARPUR-7, KAMALPUR-7, BELONIA-5, DHARMANAGAR/ PANISAGAR-3, CHHAMONU-3, UDAIPUR-3, KAILASHAHAR AERO-3, BISHALGARH-2, LENGPUJ-2, PONGKHURI NSDMA AWS-2, KOHIMA-2, CHANDEL-2, BISHNUPUR-2, CHURACHANDPUR-2, ZUNHEBOTOI NSDMA AWS-2, TAMENGLONGI-1, UKHRUKL-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** AMFU MAJHAN-5, MALDA-5, KALIMPONG-3, AMFU KALIMPONG-3, SHIPGYAR-3, SANKALAN-3, MANGAN-2, DARJEELING-2, DAMTHANG-2, GANGTOK-2, TADONG-2, SUKIAPOKHRI-2, KHANITAR-2, CHUNGTHANG-2, MAJITAR-2, YUKSOM-1, RAIGANJ (PTO)-1, DENTAM-1, MATHABHANGA-1, BAROBHISHA-1, NAGARKATA-1, DOMOHANI-1, GYALSING (PTO)-1, COOCH BEHAR-1, NH31 BRIDGE-1, GAJOLDOBA-1, JALPAIGURI-1, FALAKATA-1, **GANGETIC WEST BENGAL:** BANKURA(CWC)-16, KALAIKUNDA ( IAF)-15, KANSABATI DAM-14, HARINKHOLA-13, PHULBERIA-13, HETAMPUR-12, SURI (PTO)-12, BANKURA-11, SURI (CWC)-11, DURGAPUR-11, RAMPURHAT (DRMS)-10, SRI NIKETAN-9, JHARGRAM (PTO)-9, SIMULA-9, KHARIDWAR-9, BERHAMPORE-9, ASANSOL-9, TANTLOI-9, MIDNAPORE-8, MIDNAPORE(CWC)-8, MOHANPUR-8, ASANSOL(CWC)-8, LALGARH-8, TUSUMA-7, TILPARA BARRAGE-7, DURGACHACK-7, BAGATI-7, PURULIA-7, BURDWAN (PTO)-7, CANNING-7, ALIPORE-7, PURIHANSA-7, DIAMOND HARBOUR-6, GHEROPARA-6, DUM DUM-6, D.P.GHAT-5, BARRACKPUR( IAF)-5, KALYANI SMO-5, DIGHA-5, ULUBERIA-2, CONTAI-2,

BASIRHAT(PTO)-2, **ODISHA:** CHANDIKHOL ARG-18, BHUBAN ARG-16, BHUBANESWAR AERO-16, JAJPUR-15, BINJHARPUR ARG-14, SAMAKHUNTA AWS-14, CUTTACK-13, JENAPUR-13, HINDOL-12, REMUNA ARG-12, KOREI ARG-11, KAPTIPADA ARG-11, KEONJHARGARH-10, SUKINDA-10, RAIRANGPUR-10, NILGIRI-9, JALESWAR-9, SORO-8, DHENKANAL-7, JOSHIPUR-7, BARI ARG-7, BALASORE-6, DANAGADI ARG-6, PARJANG ARG-6, RAJGHAT-6, BARMUL-6, MUNDALI-5, ANGUL-5, DERABIS ARG-5, BHOGRAI-4, KENDRAPARA-4, CHENDIPADA-4, ASKA-3, PATTAMUNDAI-3, GARADAPUR ARG-2, GOPALPUR-2, RAJKANIKA-2, MARSAGHAI ARG-1, DARINGIBADI-1, CHANDBALI-1, **JHARKHAND:** GHATSILA-9, MESSENGER-9, MAHESHPUR-9, DHANBAD-8, MAITHON-7, RAJMAHAL-7, JARMINDI-7, MOHARO-7, JAMSHEDPUR MO-6, PAKURIA-6, CHAIBASA-6, PANCHET-6, BOKARO-6, JAMSHEDPUR-5, DUMKA-5, PUPUNKI-5, PUTKI-5, MADHUPUR-4, CHAKRADHARPUR-4, DEOGHAR-4, CHANDIL-4, JARIDIH-4, GODDA-3, PATHARGAMA-3, GOBINDPUR-3, NANDADIH-3, MOHANPUR-2, TENUGHAT-2, TOPCHANCHI-2, RAMGARH-2, RAMGARH BDO-2, RANCHI-2, PAKUR-2, HIRANPUR-1, MANDAR-1, KONER-1, SARATH-1, BARKISURAIYA-1, ORMANJHI-1, **BIHAR:** GAUNAHA-5, MAKHDUMPUR-5, KATORIA-5, BIHAR SHRIF-5, TEKARI-4, ISLAMPUR-4, KOILWAR-3, FORBESGANJ-3, SAMASTIPUR-3, BHAGALPUR-3, DARAULI-3, BARAHARA-3, BANKA-3, JAHANABAD-3, EKANGERSARAI-3, RAMNAGAR-2, SISWAN-2, CHATIA-2, CHANPATIA-2, BIHPUR-2, PATAHI-2, ARARIA-2, CHAKIA-2, COLGAON-2, PURNEA-1, MANIHARI-1, HASANPUR-1, KISHANGANJ-1, BIRPUR-1, CHAPRA-1, DHENGRAGHAT-1, KATIHAR/NORTH-1, ROSERA-1, KURSELA-1, BODH GAYA-1, CHARGHARIA-1, MAHEDI/MEHSHI-1, BIKRAM-1, **EAST UTTAR PRADESH:** MAHARAJGANJ-1, BALLIA OBSY-1, **WEST UTTAR PRADESH:** LALITPUR-2, **UTTARAKHAND:** UKHIMATH-1, **JAMMU & KASHMIR:** GULMARG AWS-2, BANDIPORA-1, **EAST RAJASTHAN:** AMER SR-2, KARALI-1, MANDRAYAL SR-1, SIKRAI-1, **EAST MADHYA PRADESH:** SATNA-AWS-3, NOWGONG-1, **CHHATTISGARH:** MARWAHI-3, **COASTAL ANDHRA PRADESH:** ICHCHAPURAM-2.

## 5 MAY 2019

**ARUNACHAL PRADESH:** NAHARLAGUN-5, ZIRO-4, ITANAGAR-4, HAWAI-4, BHALUKPONG-4, KALAKTANG-2, CHANGLANG-2, TEZU-2, MIAO-1, NAMSAI-1, SEPPA-1, ROING-1, PASIGHAT AERO-1, BASAR-1, DAPARIJO-1, **ASSAM & MEGHALAYA:** CHERRAPUNJI(RKM)-41, MAWSYNRAM-33, CHERRAPUNJI-28, WILLIAMNAGAR-17, SHILLONG C.S.O.-13, GUWAHATI CITY IMD-11, KHERONIGHAT-9, BARAPANI-9, GUWAHATI AP-8, DHARAMTUL-8, BARPATHAR-8, KAMPUR-8, JIA BHARALI N T XING-7, BOKAJAN-7, KARIMGANJ-7, SHELLA-7, NUMALIGARH-7, GOIBARGAON-6, TEZPUR-6, GOALPARA PTO-5, MAJBAT-5, GOLAGHAT PTO-5, GOLAGHAT CWC-5, BARPETA-5, N.LAKHIMPUR/LILABARI-5, BADATIGHAT-5, HALFLONG-5, HAZUAH-4, DHUBRI CWC-4, JORHAT-4, BEKY RLY.BRIDGE-4, AIE NH XING-4, MELABAZAR/MATUNGA-3, NEAMATIGHAT-3, NALBARI/PAGLADIA-3, MANASH NH XING-3, PUTHIMARI-3, DHEMAJI-3, DRF-3, KHOWANG-3, PANBARI-3, A P GHAT-3, DHUBRI IMD-3, SILCHAR-3, D/MOHANBARI AERO-3, CHAUDHOWAGHAT-3, TAMULPUR-3, TIKRIKILLA-3, B P GHAT-3, MORANHAT-3, LAKHIPUR-3, LUMDING-3, BEKI MATHUNGARI-2, NAHAR KATIA-2, BIHUBAR-2, BHALPUR-2, MATIJURI-2, NONGSTOIN-2, TINSUKIA-2, CHAPARMUKH-2, MARGHERITA-2, SIVASAGAR-2, GOALPARA CWC-2, MANGOLDI-2, DHEKIAJULI-1, KOKRAJHAR-1, GHARMURA-1, GOSSAIGAON-1, DHOLAI-1, DHOLLA BAZAR-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** TAMENGLONGI-13, SABROOM-9, UDAIPUR-6, ONG PANGKONG NSDMA AWS-6, DIMAPUR NSDMA AWS-5, AMARPUR-4, JHARNAPANI-4, BISHALGARH-3, ZUNHEBOTOI NSDMA AWS-3, TULI NSDMA AWS-3, TUENSANG NSDMA AWS-3, TSEMINYU NSDMA AWS-3, KOHIMA-3, KAMALPUR-3, KAILASHAHAR AERO-3, DHARMANAGAR/ PANISAGAR-2, UKHRUKL-2, TIZIT NSDMA AWS-2, CHHAMONU-2, MOKOKCHANG-1, CHURACHANDPUR-1, KOHIMA SADAR NSDMA AWS-1, KOLASIB-1, CHOTTABEKRA-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** AMFU MAJHAN-3, DAMTHANG-1, NH31 BRIDGE-1, **GANGETIC WEST BENGAL:** BERHAMPURE-1, **ODISHA:** SUNDARGARH-4, KEONJHARGARH-3, MANDIRA DAM-2, RAJGANGPUR-1, **JHARKHAND:** NIMDIH-1, JAMSHEDPUR MO-1, PAKUR-1, **BIHAR:** FORBESGANJ-1, COLGAON-1, ARARIA-1, **EAST RAJASTHAN:** CHHOTISADRI-2, **EAST MADHYA PRADESH:** AMARKANTAK-2, PUSHPAJGARH-1, **CHHATTISGARH:** RAJPUR-3, SARANGARH-2, RAMANUJNAGAR-2, KORBA-2, KAWARDHA-1, AMBIKAPUR-1, SURAJPUR-1, **RAYALASEEMA:** CHITTOOR-1, **TAMILNADU & PUDUCHERRY:** SHOLINGUR-14, R.K.PET-7, TIRUTTANI-1, ATTUR-1.

## 6 MAY 2019

**ANDAMAN & NICOBAR ISLANDS:** HUT BAY-2, NANCOWARY-1, **ARUNACHAL PRADESH:** PASIGHAT AERO-5, ITANAGAR-4, BASAR-4, TUTING-3, NAHARLAGUN-3, YINGKIONG-2, HAWAI-2, ROING-2, TEZU-2, DAPARIJO-2, **ASSAM & MEGHALAYA:** PANBARI-5, AIE NH XING-5, MANASH NH XING-5,

CHAULDHOWAGHAT-5, MATIJURI-4, WILLIAMNAGAR-3, BEKY RLY.BRIDGE-3, CHERRAPUNJI-3, KARIMGANJ-3, BARPETA-3, TAMULPUR-3, RANGIA-3, N.LAKHIMPUR/LILABARI-2, MAJBAT-2, BEKI MATHUNGARI-2, SHELLA-2, DRF-2, SILCHAR-2, A P GHAT-2, GOIBARGAON-2, MELABAZAR/MATUNGA-2, LAKHIPUR-2, CHERRAPUNJI(RKM)-1, TEZPUR-1, B P GHAT-1, DHOLAI-1, NALBARI/PAGLADIA-1, DHEMAJI-1, MAWSYNRAM-1, KOKRAJHAR-1, AMRAGHAT-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** CHOTTABEKRA-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** MANGAN-6, SANKALAN-6, CHUNGTHANG-5, GAJOLDOBA-2, FALAKATA-2, NH31 BRIDGE-1, PEDONG-1, NAGARKATA-1, SHIPGYAR-1, KUMARGRAM-1, **ODISHA:** UDALA-3, GOPALPUR-2, ASKA-2, MOHANA-1, KASHINAGAR-1, SUNDARGARH-1, LAIKERA-1, NILGIRI-1, **JHARKHAND:** JAMSHEDPUR-1, **CHHATTISGARH:** KOTA-1, **COASTAL ANDHRA PRADESH:** ICHCHAPURAM-1, PATHAPATNAM-1, KOMARADA-1, **RAYALASEEMA:** PALASAMUDRAM-5, CHITTOOR-1, KUPPAM-1, **TAMILNADU & PUDUCHERRY:** UTHANGARAI-8, VELLORE-5, PENUCONDAPURAM-3, VIRUDUNAGAR AWS-3, PAIYUR AWS-3, HARUR-2, ALANGAYAM-2, MELALATHUR-1, THAMMAMPATTY-1, GUDIYATHAM-1, BARUR-1, SHOLINGUR-1, **SOUTH INTERIOR KARNATAKA:** CHIKKAMAGALURU PTO-2, CHAMARAJANAGAR-1, NANJANAGUD-1.

## 7 MAY 2019

**ANDAMAN & NICOBAR ISLANDS:** PORT BLAIR-4, NANCOWARY-3, IAF CARNICOBAR-2, CAR NICOBAR-1, **ARUNACHAL PRADESH:** NAHARLAGUN-6, ITANAGAR-4, YINGKIONG-2, TUTING-2, PASIGHAT AERO-2, ROING-1, **ASSAM & MEGHALAYA:** N.LAKHIMPUR/LILABARI-9, DHEMAJI-7, BEKI MATHUNGARI-7, CHAULDHOWAGHAT-6, HAZUAH-5, D/MOHANBARI AERO-3, TAMULPUR-3, BARPETA-3, KARIMGANJ-3, MANGOLDOI-2, MELABAZAR/MATUNGA-2, BEKY RLY.BRIDGE-2, HALFLONG-2, PANBARI-2, BADATIGHAT-1, GOIBARGAON-1, TINSUKIA-1, MANASH NH XING-1, JIA BHARALI N T XING-1, DRF-1, KHOWANG-1, RANGIA-1, TEZPUR-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** KHANITAR-5, MAJITAR-3, PEDONG-2, CHUNGTHANG-2, SANKALAN-1, **ODISHA:** SUKINDA-3, CHANDBALI-3, RAJKANIKA-1, **COASTAL ANDHRA PRADESH:** PALAKONDA-1, CHODAVARAM-1, **TAMILNADU & PUDUCHERRY:** TIRUPPUR-5, RASIPURAM-3, USILAMPATTI-2, KAMATCHIPURAM-1, **SOUTH INTERIOR KARNATAKA:** BELUR-4, PERIYAPATNA-4, HOLENARASIPURA-3, BELLUR-2, CHINTAMANI-1, KUNIGAL-1, HULIYURDURGA-1, **KERALA:** MUNNAR KSEB-3, KARIPUR AP.-1.

## 8 MAY 2019

**ANDAMAN & NICOBAR ISLANDS:** NANCOWARY-1, **ARUNACHAL PRADESH:** ROING-1, BHALUKPONG-1, **ASSAM & MEGHALAYA:** NUMALIGARH-3, JORHAT-2, JIA BHARALI N T XING-1, MORANHAT-1, MELABAZAR/MATUNGA-1, BADATIGHAT-1, DHEMAJI-1, TAMULPUR-1, HALFLONG-1, MARGHERITA-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** TADONG-5, GANGTOK-2, CHUNGTHANG-1, **JAMMU & KASHMIR:** SRINAGAR AERO-1, **COASTAL ANDHRA PRADESH:** GUNTUR-1, CHINTAPALLE-1, MANGALAGIRI-1, **RAYALASEEMA:** PALASAMUDRAM-3, SATYAVEDU-1, ALLAGADDA-1, PAKALA-1, **TAMILNADU & PUDUCHERRY:** TIRUKOILUR-9, MADURAI SOUTH-6, MAYANUR-6, KANCHEEPURAM-5, DHARMAPURI PTO-4, PAPPIREDDIPATTI-4, TIRUMANGALAM-4, NEYVELI AWS-3, HOSUR-3, DHARMAPURI-3, KARUR-2, PALACODE-2, THALI-1, GINGEE-1, THALAVADI-1, SHOOLAGIRI-1, SRIPERUMBUDUR-1, ANNUR-1, POLUR-1, **SOUTH INTERIOR KARNATAKA:** NELAMANGALA-7, KOLAR PWD-4, ANEKAL-4, MYSURU PTO-3, BENGALURU HAL AP OBSY-2, HULIYURDURGA-2, HESARAGHATTA-2, YELANDUR-2, BENGALURU CITY OBSY-1, CHINTAMANI PTO-1, **KERALA:** KUDULU-2, KUPPADY-1, HOSDURG-1.

<b>LEGENDS:</b>		<b>CWC</b>	<b>Central Water Commission</b>	<b>PT/PTO</b>	<b>Part Time Observatory</b>
<b>AP</b>	<b>Airport</b>	<b>FMO</b>	<b>Flood Meteorological Office</b>	<b>PBO</b>	<b>Pilot Balloon Observatory</b>
<b>AWS</b>	<b>Automated Weather Station</b>	<b>IAF</b>	<b>Indian Air Force</b>	<b>REV</b>	<b>Revenue</b>
<b>ARG</b>	<b>Automated Rain Gauge</b>	<b>IMD</b>	<b>India Meteorological Department</b>	<b>SR</b>	<b>State Raingauge</b>
<b>CDR</b>	<b>Cyclone Detection Radar</b>	<b>PWD</b>	<b>Public Works Department</b>		