



WEEKLY WEATHER REPORT FOR THE WEEK 31 MARCH-06 APRIL, 2016

[Table-1\(A\)](#) [Table-1\(B\)](#) [Table-2](#) [Table-3](#) [Table-4](#) [Fig-1](#) [Fig-2](#) [Annexure-1](#)

CHIEF FEATURES

- Heat wave conditions prevailed at some places over East Uttar Pradesh, Jharkhand, Uttarakhand, Delhi NCR, Himachal Pradesh, northeast Rajasthan and East Madhya Pradesh on one or two days of the week.
- Thunderstorm activity occurred at some places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Jammu & Kashmir and North Interior Karnataka on many days; over West Bengal & Odisha, Telangana, South Interior Karnataka and Kerala on a few days and over Jharkhand, Bihar, Uttarakhand, Himachal Pradesh, Madhya Maharashtra, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh and Coastal Karnataka one or two days of the week.

MINIMUM TEMPERATURES

- Minimum temperatures were markedly/ appreciably above normal over Jharkhand, West Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh on many days; over Bihar, East Uttar Pradesh, East Rajasthan, Madhya Maharashtra and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Uttarakhand, Jammu & Kashmir, West Rajasthan, Madhya Pradesh, Gujarat Region, Marathawada and Vidarbha on one or two days during the week.

MAXIMUM TEMPERATURES

- Maximum temperatures were markedly/appreciably above normal over Jharkhand, Uttarakhand Punjab, East Rajasthan and East Madhya Pradesh on many days; over Haryana, Chandigarh & Delhi, Himachal Pradesh, West Madhya Pradesh, Maharashtra on a few days; and over Bihar, Uttar Pradesh, West Rajasthan, Marathawada, Vidarbha, Chhattisgarh and Telangana on one or two days during the week. These were markedly/appreciably below normal over Nagaland, Manipur, Mizoram & Tripura on 1st and over Jammu & Kashmir on 6th April.
- In the plains of the country, the highest maximum temperature of 44.0°C was recorded at **Akola (Maharashtra) & Anantapur (Andhra Pradesh)** on 4th.

METEOROLOGICAL ANALYSIS

- Last week's feeble western disturbance as an upper air cyclonic circulation extending upto 3.1 km above mean sea level moved away east-northeastwards on 31st March.
- A western disturbance as an upper air trough in mid-tropospheric westerlies ran roughly along Longitude 52.0°E and Latitude north of 30.0°N on 31st March. It laid as an upper air cyclonic circulation extending upto 4.5 km above mean sea level over eastern parts of Iran & neighbourhood with a trough aloft on 1st April; over Iran & neighbourhood extending upto 5.8 km above mean sea level with a trough aloft on 2nd; over northeast Iran & adjoining Afghanistan with a trough aloft roughly along Long. 56.0°E and north of Lat. 22.0°N on 3rd; roughly along Long. 62.0°E and north of Lat. 25.0°N on 4th and moved away east-northeastwards thereafter.
- A trough in mid-tropospheric westerlies ran roughly along Longitude 87.0°E and Latitude north of 20.0°N on 31st March; along Longitude 90.0°E and Latitude north of 20.0°N on 1st April

and moved away eastwards on 2nd.

- Last week's trough/ wind discontinuity from south Chhattisgarh to North Interior Karnataka ran across Vidarbha & Telangana extending upto 1.5 km above mean sea level on 31st March; from Vidarbha to North Interior Karnataka across Telangana extending upto 0.9 km above mean sea level on 1st & 2nd April; from central parts of Madhya Pradesh to South Interior Karnataka across Vidarbha & Marathwada extending upto 1.5 km above mean sea level on 3rd; from Marathwada to Comorin area across Interior Karnataka and Interior Tamilnadu and extended upto 0.9 km above mean sea level on 4th; from East Madhya Pradesh to Comorin area across Vidarbha, Telangana, Rayalaseema & interior Tamilnadu and extended upto 0.9 km above mean sea level on 5th. It lay centred as an upper air cyclonic circulation extending upto 0.9 km above mean sea level over Telangana & adjoining North Interior Karnataka with a trough from this system to Comorian area upto 1.5 km above mean sea level on 6th.
- An induced upper air cyclonic circulation over the same area and extended upto 1.5 km above mean sea level on 31st March and persisted over the same region on 1st & 2nd April. Under its influence, an induced low pressure area formed over central Pakistan & adjoining West Rajasthan with associated upper air cyclonic circulation extending upto 2.1 km above mean sea level on 3rd and it became less marked on 4th. However, associated induced cyclonic circulation laid over Punjab & neighbourhood extending upto 1.5 km above mean sea level and it became less marked on 5th.
- Last week's upper air cyclonic circulation over north Odisha & adjoining Jharkhand lay centred over Jharkhand & adjoining Bihar and extended upto 1.5 km above mean sea level on 31st March. It lay centred over Gangetic West Bengal & neighbourhood extending upto 0.9 km above mean sea level on 1st April; over northern parts of Gangetic West Bengal & neighbourhood extending upto 1.5 km above mean sea level on 2nd and become less marked thereafter.
- Last week's upper cyclonic circulation extending upto 0.9 km above mean sea level over Comorin area & neighborhood persisted over the same region on 31st March and became less marked on 1st April.
- An upper air cyclonic circulation lay centred over western parts of Assam & Meghalaya and adjoining Bangladesh extending upto 3.1 km above mean sea level on 1st and became less marked on 2nd April.
- A trough in easterlies ran from Comorin area to east-central Arabian Sea off south Karnataka coast and extended upto 0.9 km above mean sea level on 2nd April and became less marked on 3rd.
- An east-west trough ran from Nagaland, Manipur, Mizoram & Tripura to north Chhattisgarh with an embedded upper air cyclonic circulation extending upto 1.5 km above mean sea level over Bangladesh & adjoining northern parts of West Bengal on 3rd & 4th and another embedded upper air cyclonic circulation extending upto 2.1 km above mean sea level over north Chhattisgarh & neighbourhood on 4th. Both became less marked on 5th.
- A western disturbance as a trough in mid-tropospheric westerlies ran roughly along Long. 56°E and north of Lat. 28°N on 5th and along Long. 70°E and north of Lat. 25°N on 6th.
- An induced upper air cyclonic circulation lay centred over West Rajasthan & neighbourhood and extended upto 1.5 km above mean sea level on 6th.
- An upper air cyclonic circulation extending upto 0.9 km above mean sea level lay centred over Sub-Himalayan West Bengal & Sikkim and a trough ran from this system to north Bay of Bengal upto 1.5 km above mean sea level on 6th.

RAINFALL

Rainfall During The Week (31 March-06 April, 2016)

Rainfall was excess/normal in **9**, deficient/scanty in **18** and no rain in **9** out of **36** meteorological sub-divisions. (All India Actual: **7.1** mm, Normal: **8.0** mm and Departure: **-11%**).

Cumulative Seasonal Rainfall (1 March to 06 April, 2016)

Rainfall was excess/normal in **19** and deficient/scanty in **17** out of **36** meteorological sub-divisions. (All India Actual: **36.8** mm, Normal: **37.8** mm and Departure: **-3%**).

- 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\(A\)](#).
- Statewise distribution of number of districts with excess, normal, deficient, scanty and no rainfall is shown in [Table-2](#).
- A comparative data of cumulative seasonal rainfall during the corresponding period in the last five years is given in [Table-3](#).
- Sub-divisionwise weekly rainfall is shown in [Annexure-1](#).

TEMPERATURE

- Sub-divisionwise intensity of Maximum & Minimum temperatures is shown in [Table 4](#).

METEOROLOGICAL ANALYSIS AS ON 07 April, 2016

- A western disturbance as a trough in mid-tropospheric westerlies runs roughly along Long. 72.0°E and north of Lat. 25.0°N.
- The associated induced upper air cyclonic circulation lies over Haryana & neighbourhood and extends upto 0.9 km above mean sea level.
- Another western disturbance as a trough in mid-tropospheric westerlies runs roughly along Long. 57.0°E and north of Lat. 25.0°N.
- An upper air cyclonic circulation lies over south Pakistan and adjoining southwest Rajasthan & Kutch and extends upto 1.5 Km above mean sea level.
- An upper air cyclonic circulation lies over Bangladesh & neighbourhood and extends upto 0.9 km above mean sea level. A trough runs from this system to north Bay of Bengal and extends upto 1.5 km above mean sea level.
- An upper air cyclonic circulation lies over Rayalaseema & neighbourhood at 1.5 km above mean sea level.
- A trough runs from Vidarbha to Comorin area across Telangana, Rayalaseema and Interior Tamilnadu and extends upto 0.9 km above mean sea level.
- Another upper air cyclonic circulation lies over Lakshadweep area & neighbourhood between 2.1 and 3.6 Km above mean sea levels.

FORECAST & WARNING FOR THE NEXT WEEK 7 -13 APRIL 2016

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

Table-1(A)

MET. SUB-DIVISIONWISE DAILY DISTRIBUTION OF REALISED RAINFALL								
(31 MAR - 06 APR 2016)								
S. NO.	SUB-DIVISIONS	31 MAR	01 APR	02 APR	03 APR	04 APR	05 APR	06 APR
1	ANDAMAN & NICOBAR ISLANDS	ISOL	DRY	ISOL	DRY	DRY	DRY	DRY
2	ARUNACHAL PRADESH	ISOL	SCT	ISOL	ISOL	ISOL	SCT	WS
3	ASSAM & MEGHALAYA	SCT	FWS	ISOL	ISOL	ISOL	SCT	WS
4	NAGA.MANI.MIZO.& TRIPURA	SCT	WS	SCT	ISOL	FWS	FWS	FWS
5	SUB-HIM.WEST BENGAL & SIKKIM	ISOL	FWS	DRY	DRY	ISOL	ISOL	FWS
6	GANGETIC WEST BENGAL	SCT	ISOL	DRY	ISOL	DRY	DRY	DRY
7	ODISHA	ISOL	ISOL	ISOL	DRY	ISOL	ISOL	DRY
8	JHARKHAND	DRY	DRY	ISOL	ISOL	ISOL	DRY	DRY
9	BIHAR	DRY	ISOL	DRY	ISOL	ISOL	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	ISOL	DRY	DRY	DRY	DRY	ISOL	DRY
13	HARYANA CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	ISOL	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	DRY	DRY	ISOL	DRY	ISOL	SCT	DRY
16	JAMMU & KASHMIR	DRY	DRY	SCT	SCT	ISOL	SCT	DRY
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJARAT REGION D.D. & N.H.	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
25	MARATHAWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
27	CHHATTISGARH	ISOL	DRY	DRY	DRY	DRY	ISOL	DRY
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	DRY	ISOL	ISOL	DRY	ISOL
29	TELANGANA	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
30	RAYALASEEMA	DRY	ISOL	DRY	DRY	DRY	DRY	DRY
31	TAMILNADU & PUDUCHERRY	DRY	ISOL	DRY	DRY	DRY	DRY	ISOL
32	COASTAL KARNATAKA	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	DRY	DRY	ISOL	ISOL	ISOL	SCT
34	SOUTH INTERIOR KARNATAKA	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	DRY	DRY	DRY
LEGENDS:								
WS	WIDE SPREAD / MOST PLACES (76-100%)			FWS	FAIRLY WIDE SPREAD / MANY PLACES (51% to 75%)			
SCT	SCATTERED / FEW PLACES (26% to 50%)		ISOL	ISOLATED (UP TO 25%)		DRY	NO STATION REPORTED RAINFALL	
*	ACTIVE (R/F $1\frac{1}{2}$- 4 times the normal & WS/FWS, at least 2 stations should be 5 cm. along west coast & 3 cm. elsewhere)							
**	VIGOROUS (R/F More than 4 times the normal & WS/FWS, at least 2 stations should be 8 cm. along west coast & 5 cm. elsewhere)							

Table-1(B)

METEOROLOGICAL SUB-DIVISIONWISE WEEKLY RAINFALL & WEATHER WARNINGS								
(07-13 APR. 2016)								
S.No	SUB-DIVISIONS	07 APR	08 APR	09 APR	10 APR	11 APR	12 APR	13 APR
1	ANDAMAN & NICO.ISLANDS	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
2	ARUNACHAL PRADESH	*WS	FWS	FWS	SCT	SCT	SCT	ISOL
3	ASSAM & MEGHALAYA	\$ FWS #	\$ FWS #	SCT	SCT	SCT	SCT	ISOL
4	NAGA.MANI.MIZO.& TRIPURA	\$ FWS #	\$ SCT #	SCT	SCT	SCT	ISOL	ISOL
5	SUB-HIM.W. BENG. & SIKKIM	SCT	ISOL	ISOL	ISOL	SCT	ISOL	ISOL
6	GANGETIC WEST BENGAL	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
7	ODISHA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
13	HARYANA CHD. & DELHI	ISOL	DRY	DRY	DRY	ISOL	ISOL	DRY
14	PUNJAB	DRY	DRY	DRY	ISOL	ISOL	ISOL	DRY
15	HIMACHAL PRADESH	FWS	SCT	SCT	SCT	FWS	SCT	ISOL
16	JAMMU & KASHMIR	SCT	SCT	FWS	FWS	WS	FWS	SCT
17	WEST RAJASTHAN	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
18	EAST RAJASTHAN	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJARAT REGION D.D. & N.H.	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASTRA KUTCH & DIU	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHAWADA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
29	TELANGANA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
32	COASTAL KARNATAKA	DRY	DRY	ISOL	ISOL	DRY	DRY	DRY
33	NORTH INT.KARNATAKA	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
34	SOUTH INT.KARNATAKA	ISOL	ISOL	ISOL	ISOL	DRY	ISOL	ISOL
35	KERALA	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
36	LAKSHADWEEP	DRY	ISOL	ISOL	ISOL	DRY	DRY	DRY
LEGENDS:								
WS	WIDE SPREAD / MOST PLACES (76-100%)			FWS	FAIRLY WIDE SPREAD / MANY PLACES (51% to 75%)			
SCT	SCATTERED / FEW PLACES (26% to 50%)			ISOL	ISOLATED (up to 25%)	DRY	NO STATION REPORTED RAINFALL	
^F Fog	^{\$} Thunder Squall	[⏏] Cold Wave		[⏏] Severe Cold Wave		[°] Heavy Rainfall		
[*] Snowfall	[#] Hailstorm	[⏏] Cold Day		[⏏] Severe Cold Day		^{°°} Heavy to Very Heavy Rainfall		
^{DS/TS} Dust Storm /Thunder Storm		^{⏏+} Heat wave		^{⏏++} Severe Heat Wave		^{°°°} Extremely Heavy Rainfall		

Table-2

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

S. NO.	STATES	PERIOD						
		FROM :		01.03.2016		TO		06.04.2016
		E	N	D	S	NR	ND	TOTAL
1	A & N ISLAND (UT)	0	0	1	0	2	0	3
2.	ARUNACHAL PRADESH	2	2	6	3	0	3	16
3.	ASSAM	14	5	5	2	0	1	27
4.	MEGHALAYA	1	4	1	1	0	0	7
5.	NAGALAND	0	0	3	2	0	6	11
6.	MANIPUR	1	1	2	0	1	4	9
7.	MIZORAM	1	0	0	2	1	5	9
8.	TRIPURA	4	0	0	0	0	0	4
9.	SIKKIM	2	0	0	2	0	0	4
10.	WEST BENGAL	4	2	7	5	0	1	19
11.	ODISHA	1	4	9	16	0	0	30
12.	JHARKHAND	8	2	4	9	1	0	24
13.	BIHAR	9	3	7	7	12	0	38
14.	UTTAR PRADESH	21	10	12	18	9	1	71
15.	UTTARAKHAND	2	2	6	3	0	0	13
16.	HARYANA	12	5	4	0	0	0	21
17.	CHANDIGARH (UT)	1	0	0	0	0	0	1
18.	DELHI	4	1	3	1	0	0	9
19.	PUNJAB	11	5	4	0	0	0	20
20.	HIMACHAL PRADESH	6	4	2	0	0	0	12
21.	JAMMU & KASHMIR	13	1	2	1	0	5	22
22.	RAJASTHAN	9	5	6	8	5	0	33
23.	MADHYA PRADESH	16	3	10	13	8	0	50
24.	GUJARAT	6	2	2	6	10	0	26
25.	DADRA & NAGAR HAVELI (UT)	0	0	0	0	0	1	1
26.	DAMAN & DIU (UT)	0	1	0	0	1	0	2
27.	GOA	0	0	0	0	2	0	2
28.	MAHARASHTRA	21	8	2	2	2	0	35
29.	CHHATISGARH	9	3	2	3	1	0	18
30.	ANDHRA PRADESH	0	0	3	8	2	0	13
31.	TELANGANA	4	1	3	2	0	0	10
32.	TAMILNADU	0	0	3	16	13	0	32
33.	PUDUCHERRY (UT)	0	0	0	1	1	2	4
34.	KARNATAKA	8	3	4	11	4	0	30
35.	KERALA	2	0	5	7	0	0	14
36.	LAKSHADWEEP (UT)	0	0	0	1	0	0	1
	TOTAL	192	77	118	150	75	29	641
CATEGORYWISE DISTRIBUTION OF DISTRICTS OUT OF THE 612 WHOSE DATA RECEIVED		31%	13%	19%	25%	12%		

PERCENT DISTRIBUTION OF DISTRICTS IN EARLIER YEARS SINCE 1st MARCH

DATE	E	N	D	S	NR
08.04.2015	73%	10%	6%	10%	1%
09.04.2014	38%	13%	18%	18%	13%
03.04.2013	15%	8%	20%	35%	22%
04.04.2012	4%	5%	13%	36%	42%
06.04.2011	12%	10%	16%	31%	31%

Table-3

RAINFALL DURING PRE-MONSOON SEASON

S. No.	Meteorological Sub-Divisions	For the period from 1 st March to						
			06 APR 2011	04 Apr 2012	03 Apr 2013	9 APR 2014	8 APR 2015	6 APR 2016
1.	Andaman & Nicobar Islands	A	64	44	76	145	237	123
		N	128	123	120	136	133	128
		D	-50	-64	-36	+7	+79	-4
2.	Arunachal Pradesh	A	153	56	68	268	436	217
		N	171	165	161	183	177	171
		D	-10	-66	-58	+47	+146	+27
3	Assam & Meghalaya	A	1	0	4	4	53	7
		N	5	4	4	5	5	5
		D	-67	-100	+5	-12	+996	+41
4.	Naga., Mani., Mizo. & Tripura	A	*	0	1	6	66	3
		N	4	4	4	4	4	4
		D	-94	-99	-85	+47	+1440	-20
5.	Sub-Himalayan West Bengal & Sikkim	A	1	*	9	5	55	2
		N	5	5	5	5	5	5
		D	-77	-98	+86	-11	+975	-51
6.	Gangetic West Bengal	A	1	1	18	18	74	18
		N	14	14	13	15	15	14
		D	-95	-92	+33	+22	+401	+23
7.	Odisha	A	0	0	0	*	7	1
		N	1	1	1	1	1	1
		D	-100	-100	-100	-78	+572	-42
8.	Jharkhand	A	0	0	0	*	5	*
		N	1	1	1	1	1	1
		D	-100	-100	-100	-90	+312	-77
9.	Bihar	A	0	*	0	*	37	3
		N	*	0	0	*	*	*
		D	-100	+1154	-100	+35	+12122	+1019
10.	East Uttar Pradesh	A	1	2	1	23	40	7
		N	4	3	3	5	4	4
		D	-85	-44	-77	+390	+835	+81
11.	West Uttar Pradesh	A	1	0	3	71	32	11
		N	7	6	6	7	7	7
		D	-92	-100	-58	+844	+338	+65
12.	Uttarakhand	A	2	*	4	50	68	22
		N	14	13	13	15	15	14
		D	-86	-98	-68	+235	+367	+53
13.	Haryana, Chandigarh & Delhi	A	5	*	8	19	19	25
		N	17	15	15	18	18	17
		D	-73	-97	-46	+5	+5	+49
14.	Punjab	A	4	2	5	7	6	5
		N	14	13	12	15	15	14
		D	-73	-83	-61	-57	-62	-66

S. No.	Meteorological Sub-Divisions	For the period from 1 st March to						
			06 APR 2011	04 Apr 2012	03 Apr 2013	9 APR 2014	8 APR 2015	6 APR 2016
15.	Himachal Pradesh	A	64	44	76	145	237	123
		N	128	123	120	136	133	128
		D	-50	-64	-36	+7	+79	-4
16.	Jammu & Kashmir	A	153	56	68	268	436	217
		N	171	165	161	183	177	171
		D	-10	-66	-58	+47	+146	+27
17.	West Rajasthan	A	1	0	4	4	53	7
		N	5	4	4	5	5	5
		D	-67	-100	+5	-12	+996	+41
18.	East Rajasthan	A	*	0	1	6	66	3
		N	4	4	4	4	4	4
		D	-94	-99	-85	+47	+1440	-20
19.	West Madhya Pradesh	A	1	*	9	5	55	2
		N	5	5	5	5	5	5
		D	-77	-98	+86	-11	+975	-51
20.	East Madhya Pradesh	A	1	1	18	18	74	18
		N	14	14	13	15	15	14
		D	-95	-92	+33	+22	+401	+23
21.	Gujarat Region	A	0	0	0	*	7	1
		N	1	1	1	1	1	1
		D	-100	-100	-100	-78	+572	-42
22.	Saurashtra, Kutch & Diu	A	0	0	0	*	5	*
		N	1	1	1	1	1	1
		D	-100	-100	-100	-90	+312	-77
23.	Konkan & Goa	A	0	*	0	*	37	3
		N	*	0	0	*	*	*
		D	-100	+1154	-100	+35	+12122	+1019
24.	Madhya Maharashtra	A	1	2	1	23	40	7
		N	4	3	3	5	4	4
		D	-85	-44	-77	+390	+835	+81
25.	Marathawada	A	1	0	3	71	32	11
		N	7	6	6	7	7	7
		D	-92	-100	-58	+844	+338	+65
26.	Vidarbha	A	2	*	4	50	68	22
		N	14	13	13	15	15	14
		D	-86	-98	-68	+235	+367	+53
27.	Chhattisgarh	A	5	*	8	19	19	25
		N	17	15	15	18	18	17
		D	-73	-97	-46	+5	+5	+49
28.	Coastal Andhra Pradesh	A	4	2	5	7	6	5
		N	14	13	12	15	15	14
		D	-73	-83	-61	-57	-62	-66
29.	Telangana	A	2	*	7	49	32	13
		N	12	11	11	13	13	12
		D	-80	-97	-37	+271	+148	+6

S. No.	Meteorological Sub-Divisions	For the period from 1 st March to						
			06 APR 2011	04 APR 2012	03 Apr 2013	9 APR 2014	8 APR 2015	6 APR 2016
30.	Rayalaseema	A	1	3	13	14	11	1
		N	9	8	7	9	9	9
		D	-86	-62	+79	+47	+22	-90
31.	Tamil Nadu & Pondicherry	A	10	6	30	10	27	3
		N	25	22	21	27	27	25
		D	-61	-71	+45	-62	+1	-87
32.	Coastal Karnataka	A	1	3	10	7	40	2
		N	8	6	5	10	9	8
		D	-90	-43	+90	-27	+336	-80
33.	North Interior Karnataka	A	1	1	4	32	28	12
		N	9	7	7	11	10	9
		D	-91	-84	-46	+194	+176	+30
34.	South Interior Karnataka	A	8	3	18	24	34	5
		N	14	11	11	16	15	14
		D	-41	-72	+70	+50	+120	-61
35.	Kerala	A	34	42	50	43	80	26
		N	46	39	37	55	53	46
		D	-27	+7	+37	-23	+52	-43
36.	Lakshadweep	A	6	2	37	11	10	3
		N	19	17	16	23	21	19
		D	-69	-90	+140	-53	-53	-83
Country as whole		A	28.2	12.5	17.5	42.9	81.1	36.8
		N	37.6	35.4	34.2	41.0	40.0	37.8
		D	-25	-65	-49	+5	+103	-3

SUMMARY

No. of Sub-Divisions with rainfall	For the period from 1 st March to					
	06 APR 2011	04 APR 2012	03 Apr 2013	9 APR 2014	8 APR 2015	6 APR 2016
Excess	04	01	09	15	27	12
Normal	03	02	01	06	04	07
Total	07	03	10	21	31	19
Deficient	07	07	11	09	02	09
Scanty	19	22	12	06	03	08
No rain	03	04	03	00	00	00
Total	29	33	26	15	05	17
Data Inadequate	00	00	00	00	00	00
TOTAL	36	36	36	36	36	36

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

SEASONS:

Winter Season (January-February) Pre-Monsoon Season (March-May)

Monsoon Season (June-September) Post-Monsoon Season (October-December)

LEGEND:

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

Table-4

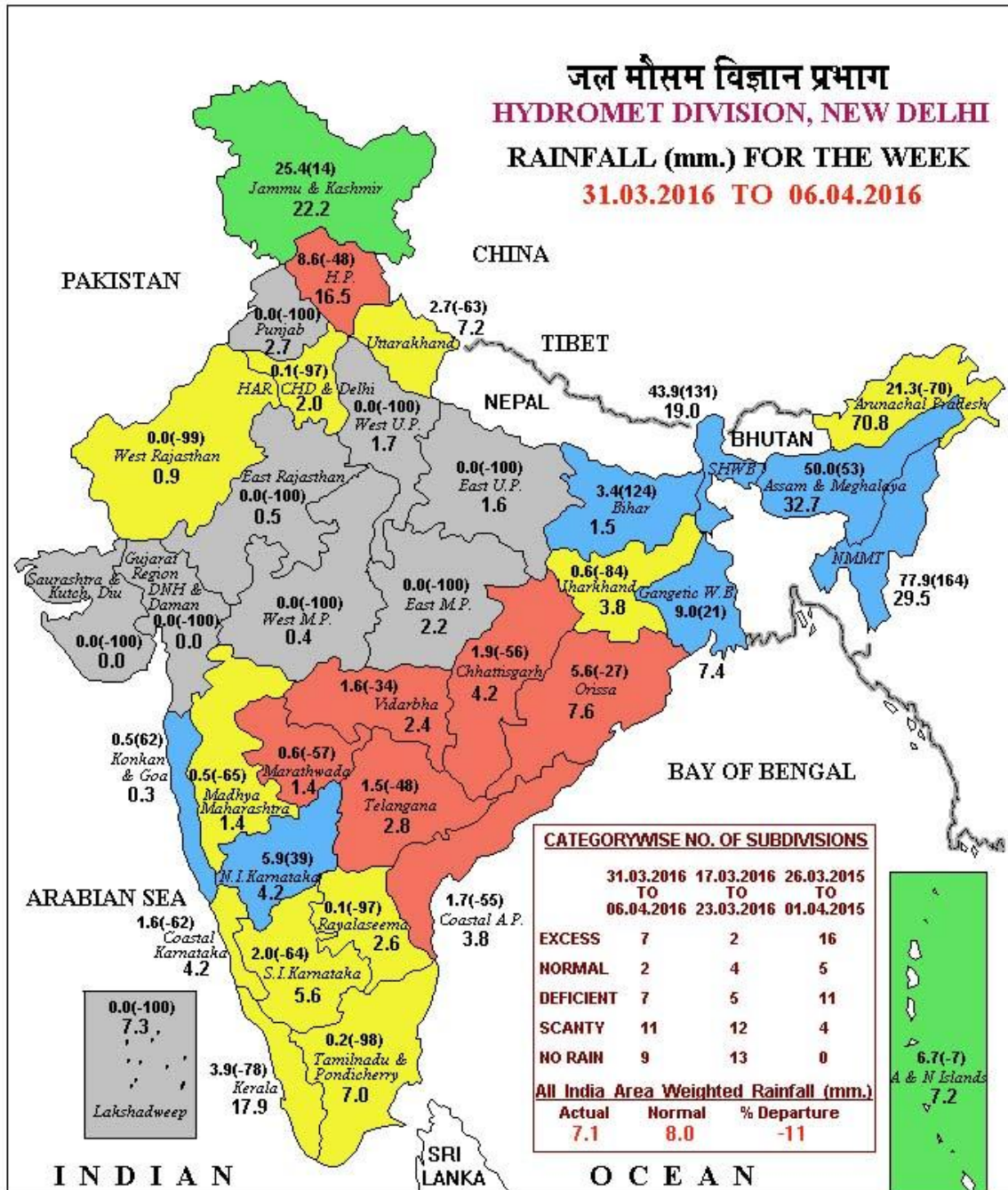
**METEOROLOGICAL SUB-DIVISIONWISE DAILY DISTRIBUTION OF MINIMUM & MAXIMUM TEMPERATURES
(31 MAR-06 APR 2016)**

Sr. No.	SUB-DIVISIONS	MINIMUM TEMPERATURE							MAXIMUM TEMPERATURE						
		31 MAR	01 APR	02 APR	03 APR	04 APR	05 APR	06 APR	31 MAR	01 APR	02 APR	03 APR	04 APR	05 APR	06 APR
1	ANDAMAN & NICOBAR ISLANDS	N	N	AAN	N	N	AN	N	N	N	N	N	N	N	N
2	ARUNACHAL PRADESH	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3	ASSAM & MEGHALAYA	N	N	N	N	AAN	N	N	N	N	N	N	N	N	N
4	NAGA.MANI.MIZO.&TRIPURA	N	N	N	N	N	AAN	N	N	N	N	N	N	N	N
5	SUB-HIMA.WEST BEN. & SIKKIM	N	N	N	N	N	AAN	N	N	N	N	N	N	N	N
6	GANGETIC WEST BENGAL	N	N	N	AAN	N	AAN	N	N	N	N	N	N	N	N
7	ODISHA	N	N	N	N	N	N	N	N	N	N	N	N	N	N
8	JHARKHAND	N	N	N	AAN	AAN	MAN	AAN	N	N	N	N	N	N	N
9	BIHAR	N	N	AN	AAN	AAN	N	AAN	N	N	N	N	N	N	N
10	EAST UTTAR PRADESH	N	N	N	AAN	MAN	AAN	N	N	N	N	N	N	N	N
11	WEST UTTAR PRADESH	N	AAN	N	MAN	MAN	MAN	AAN	N	N	N	N	N	N	N
12	UTTARAKHAND	AN	AN	N	MAN	N	N	AAN	N	N	N	N	N	N	N
13	HARYANA CHAND. & DELHI	N	AN	N	MAN	MAN	AAN	AAN	N	N	N	N	N	N	N
14	PUNJAB	N	N	AAN	MAN	N	AAN	AAN	N	N	N	N	N	N	N
15	HIMACHAL PRADESH	N	N	MAN	MAN	MAN	N	AAN	N	N	N	N	N	N	N
16	JAMMU & KASHMIR	AAN	N	N	AAN	N	AN	AN	N	N	N	N	N	N	ABN
17	WEST RAJASTHAN	N	N	N	MAN	N	AAN	N	N	N	N	N	N	N	N
18	EAST RAJASTHAN	N	N	N	MAN	N	AAN	AAN	N	N	N	N	N	N	N
19	WEST MADHYA PRADESH	N	N	N	MAN	N	N	N	N	N	N	N	N	N	N
20	EAST MADHYA PRADESH	N	N	N	AAN	N	N	N	N	N	N	N	N	N	N
21	GUJARAT REGION D.D. & N.H.	N	AN	N	MAN	AAN	N	N	N	N	N	N	N	N	N
22	SAURASTRA KUTCH & DIU	N	N	N	N	N	N	N	N	N	N	N	N	N	N
23	KONKAN & GOA	N	N	N	N	N	N	AN	N	N	N	N	N	N	N
24	MADHYA MAHARASHTRA	N	N	AN	AAN	N	AAN	AAN	N	N	N	N	N	N	N
25	MARATHAWADA	N	N	AN	N	AAN	AAN	N	N	N	N	N	N	N	N
26	VIDARBHA	N	BN	N	N	AAN	AAN	AN	N	N	N	N	N	N	N
27	CHHATTISGARH	N	N	N	N	N	N	AN	N	N	N	N	N	N	N
28	COASTAL ANDHRA PRADESH	N	N	N	N	N	N	N	N	N	N	N	N	N	N
29	TELANGANA	AN	N	AN	N	N	N	N	N	N	N	N	N	N	N
30	RAYALASEEMA	N	AN	N	N	AN	N	N	N	N	N	N	N	N	N
31	TAMILNADU & PUDUCHERRY	N	N	N	N	N	N	N	N	N	N	N	N	N	N
32	COASTAL KARNATAKA	N	N	N	N	N	N	AN	AN	N	N	N	N	N	N
33	NORTH INTERIOR KARNATAKA	N	N	N	N	N	N	N	N	N	N	N	N	N	N
34	SOUTH INTERIOR KARNATAKA	N	N	N	N	N	N	N	N	N	N	N	N	N	N
35	KERALA	N	N	AN	N	AN	N	N	N	N	N	N	N	N	N
36	LAKSHADWEEP	N	N	N	N	N	N	N	N	N	N	N	N	N	N

LEGENDS:							
N	NORMAL (-1.5 to +1.5)°C	BN	BELOW NORMAL (-1.6 to 3.0)°C	ABN	APRECIABLY BELOW NORMAL (-3.1 to -5.0)°C	MBN	MARKEDLY BELOW NORMAL (-5.0 °C or less)
AN	ABOVE NORMAL (+1.6 to 3.0)°C	AAN	APRECIABLY ABOVE NORMAL (+3.1 to 5.0)°C	MAN	MARKEDLY ABOVE NORMAL (+5.0 °C or more)		
*	Cold wave conditions (Min.Temp.Dep.is -4.5 to -6.5)°C	**	Severe Cold wave conditions (Min.Temp.Dep.is -6.4 °C or less)	*	Cold day conditions (Max.Temp.Dep.is -4.5 to -6.5)°C	**	Severe Cold day conditions (Max.Temp.Dep.is -6.5 °C or less)
#	Heat wave conditions (Max.Temp.Dep.is+4.5 to+6.4)°C	##	Severe Heat wave conditions (Max.Temp.Dep.is+6.4 °C or more)	S	Hot day conditions	SS	Severe Hot day conditions

Fig-1

भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT



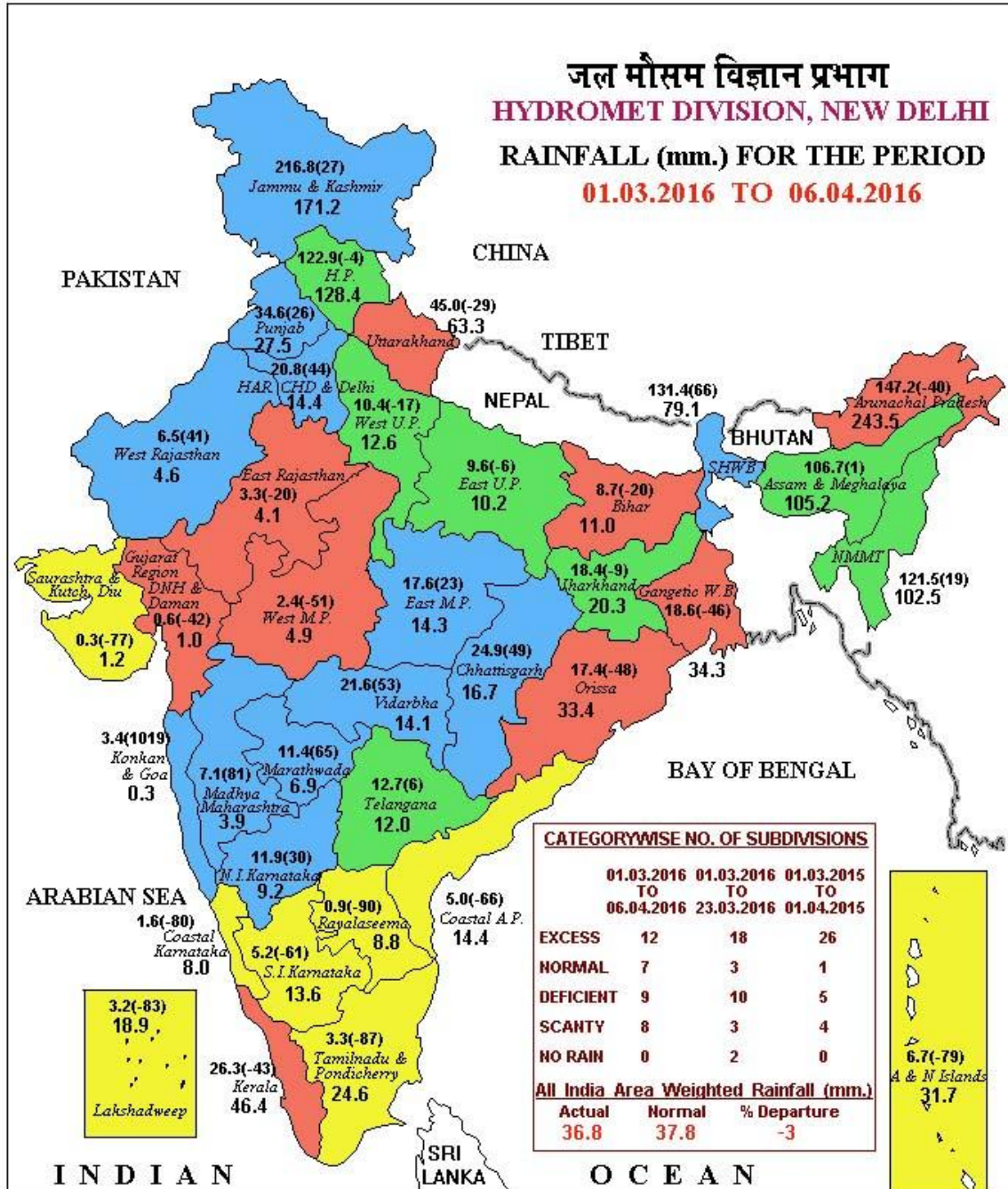
LEGEND: ■ EXCESS (+20% OR MORE) ■ NORMAL (+19% TO -19%) ■ DEFICIENT (-20% TO -59%)
■ SCANTY [-60% TO -99%] ■ NO RAIN [-100%] NO DATA

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: ■ EXCESS (+20% OR MORE) ■ NORMAL (+19% TO -19%) ■ DEFICIENT [-20% TO -59%]
■ SCANTY [-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.)
(31 MARCH-6 APRIL 2016)

31 MARCH 2016

ANDAMAN & NICOBAR ISLANDS: PORT BLAIR-3, **ARUNACHAL PRADESH:** TUTING-1, **ASSAM & MEGHALAYA:** BIHUBAR-5, KARIMGANJ-3, BAHALPUR-2, JORHAT-2, BOKAJAN-2, GOALPARA PTO-2, CHERRAPUNJI-2, LAKHIPUR-1, AMRAGHAT-1, BARPATHAR-1, RANGIA-1, DHUBRI CWC-1, GOLAGHAT PTO-1, TANGLA-1, GOLAGHAT CWC-1, PUTHIMARI-1, TIKRIKILLA-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** AIZWAL-5, WOKHA AWS-3, LENGPUI-3, CHOTTABEKRA-2, IMPHAL T-AERO-2, THOUBAL AWS-1, CHANDEL AWS-1, JHARNAPANI-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** GANGTOK-5, MANGAN-4, TADONG-3, GYALSING AWS-2, COOCH BEHAR-2, GAJOLDOBA-1, CHEPAN-1, **GANGETIC WEST BENGAL:** D.P.GHAT-4, SONAMUKHI ARG-4, DURGAPUR-2, MOHANPUR-2, GHEROPARA-2, PANAGARH (IAF)-2, SURI (CWC)-1, SRI NIKETAN-1, MIDNAPORE(CWC)-1, MIDNAPORE-1, TILPARA BARRAGE-1, DHANIAKHALI ARG-1, **ODISHA:** TELKOI-4, JHORIGAM ARG-4, SUKINDA-3, KANKADAHAD ARG-3, BHUBAN ARG-3, ALTUMA CWC-3, RAJKISHORENAGAR-3, TALCHER-2, CHANDAHANDI ARG-2, RAIRAKHOL-2, JOSHIPUR-2, JHUMPURA-2, ANGUL-2, JODA ARG-2, KAPTIPADA ARG-2, KEONJHARGARH-2, CHENDIPADA-1, KOSAGUMDA-1, PALLAHARA-1, NUAGADA ARG-1, BANGIRIPOSI-1, DANAGADI ARG-1, GHATAGAON-1, CHANDANPUR-1, BALIMUNDALI-1, JAJPUR-1, CHAMPUA-1, **UTTARAKHAND:** CHAMOLI-2, UTTAR KASHI-1, BHATWARI-1, **CHHATTISGARH:** JAGDALPUR-3, DHAMTARI-1, **COASTAL ANDHRA PRADESH:** ARAKU VALLEY-2, PATHAPATNAM-1, CHINTAPALLE-1, **TELANGANA:** PARGI-1, **NORTH INTERIOR KARNATAKA:** SULEPET-1, **KERALA:** IDUKKI-1.

1 APRIL 2016

ARUNACHAL PRADESH: MIAO-2, TEZU-2, ITANAGAR-1, **ASSAM & MEGHALAYA:** DHUBRI IMD-8, DHUBRI CWC-6, SHILLONG C.S.O.-5, DHEKIAJULI-4, AIE NH XING-4, BARPETA-3, WILLIAMNAGAR-3, TIKRIKILLA-3, MAJBAT-3, JIA BHARALI N T XING-3, BARAPANI-3, PANBARI-3, GUWAHATI AP-2, MANASH NH XING-2, GUWAHATI AWS-2, BAHALPUR-2, TINSUKIA-2, BAGHMARA AWS-2, PUTHIMARI-2, MAWSYNRAM-2, GOIBARGAON-2, RANGIA-2, CHERRAPUNJI-1, KHOWANG-1, MELABAZAR/MATUNGA-1, MUSHALPUR AWS-1, GOALPARA PTO-1, TANGLA-1, NALBARI/PAGLADIA-1, CHERRAPUNJI(RKM)-1, BEKY RLY.BRIDGE-1, DHARAMTUL-1, NONGPUH-1, KOKRAJHAR-1, DRF-1, GOSSAIGAON-1, KARIMGANJ-1, A P GHAT-1, D/MOHANBARI AERO-1, HALFLONG-1, MORANHAT-1, KHERONIGHAT-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** BELONIA-7, LENGPUI-5, SABROOM-5, SONAMURA-4, AMARPUR-4, GOKULPUR AWS-3, BISHALGARH-3, UDAIPUR-3, AGARTALA AERO-2, ARUNDHUTINAGAR-2, TELIAMURA-2, DHARMANAGAR/ PANISAGAR-2, CHOTTABEKRA-2, CHANDEL AWS-2, KHOWAI-2, CHHAMONU-2, KAMALPUR-1, KHOWAI AWS-1, KAILASHAHAR AERO-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** DARJEELING-5, COOCH BEHAR-5, JALPAIGURI-2, CHEPAN-2, ALIPURDUAR (CWC)-2, BAGDOGRA IAF-2, BAROBHISHA-2, MALDA-2, MATHABHANGA-1, CHAMPASARI-1, DOMOHANI-1, **GANGETIC WEST BENGAL:** RAMPURHAT (DRMS)-2, BERHAMPORE-1, **ODISHA:** R.UDAIGIRI-3, MAHENDRAGARH-2, GUDARI-2, RAYAGADA-2, KORAPUT-1, MOHANA-1, MUNIGUDA ARG-1, SORADA-1, KOTRAGUDA-1, MADHABARIDA-1, BISSEM-CUTTACK-1, POTTANGI-1, SIMILIGUDA AWS-1, **BIHAR:** SUPAUL-3, MANIHARI-3, PURNEA-2, MADHIPURA-2, MURLIGANJ-2, DARBHANGA-2, MOTIHARI-1, MUZAFFARPUR-1, **COASTAL ANDHRA PRADESH:** KOMARADA-6, BOBBILI-3, KURUPAM-2, THERLAM-1, SEETHANAGARAM-1, **TELANGANA:** MEDCHAL-5, GHATTU-3, HAKIMPET IAF-2, MANCHAL-2, HUZURABAD-1, DAMARAGIDDA-1, VICARABAD-1, ACHAMPETA-1, **SOUTH INTERIOR KARNATAKA:** KUDATHINI-2, **KERALA:** KANJIRAPPALLY-1, PUNALUR-1.

2 APRIL 2016

ASSAM & MEGHALAYA: BARPATTHAR-3, BOKAJAN-3, BIHUBAR-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** AIZWAL-6, JHARNAPANI-4, LENGPUI-3, WOKHA AWS-2, DIMAPUR AWS-2, ARUNDHUTINAGAR-1, IMPHAL T-AERO-1, **ODISHA:** BARI ARG-8, UDALA-6, KAPTIPADA ARG-3, BARIPADA-2, RAGHUNATHPUR ARG-2, BASUDEVPUR AWS-2, MAHANGA ARG-1, KENDRAPARA-1, JAIPUR-1, BALIMUNDALI-1, BINJHARPUR ARG-1, BHADRAK AWS-1, SORO-1, DERABIS ARG-1, **JHARKHAND:** RAJMAHAL-1, **HIMACHAL PRADESH:** BHARMAUR-1, **JAMMU & KASHMIR:** GULMARG R.S.-1, KUPWARA-1, BARAMULLA AWS-1, PAHALGAM-1, GUND-1, **SOUTH INTERIOR KARNATAKA:** KALASA-1, **KERALA:** PIRAVAM-1.

3 APRIL 2016

ASSAM & MEGHALAYA: GHARMURA-2, KARIMGANJ-1, **GANGETIC WEST BENGAL:** SAGAR ISLAND AWS-3, **JHARKHAND:** AMRAPARA-3, PAKUR-2, PAKURIA-1, HIRANPUR-1, **BIHAR:** SABOUR-2, **JAMMU & KASHMIR:** KUPWARA-3, GULMARG R.S.-2, PAHALGAM-2, GUND-1, BARAMULLA AWS-1, QAZI GUND-1, RAJOURI-1, KUKERNAG-1, BANIHAI-1, **COASTAL ANDHRA PRADESH:** CHINTAPALLE-4, **SOUTH INTERIOR KARNATAKA:** NAPOKLU-1.

4 APRIL 2016

ASSAM & MEGHALAYA: LAKHIPUR-13, MATIJURI-11, SILCHAR-7, A P GHAT-4, DHOLAI-2, B P GHAT-1, KARIMGANJ-1, AMRAGHAT-1, GHARMURA-1, BAGHMARA AWS-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** KAILASHAHAR AERO-13, KHOWAI-13, SONAMURA-12, CHHAMONU-10, KHOWAI AWS-10, AGARTALA AERO-10, ARUNDHUTINAGAR-9, BISHALGARH-7, DHARMANAGAR/PANISAGAR-7, CHOTTABEKRA-7, TELIAMURA-6, AMARPUR-2, GOKULPUR AWS-2, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** BALURGHAT-1, **ODISHA:** POTTANGI-1, **BIHAR:** GOGRI-2, PARBATA-1, **HIMACHAL PRADESH:** TISSA-3, BHARMAUR-2, KUKUMSHERI AWS-1, SEO BAGH-1, **JAMMU & KASHMIR:** BARAMULLA AWS-3, GULMARG R.S.-3, BANIHAI-2, GUND-2, PAHALGAM-2, KUKERNAG-1, KUPWARA-1, QAZI GUND-1, BADARWAH-1, **NORTH INTERIOR KARNATAKA:** KUNDGOL-1, BAGALKOTE PTO-1, BAGALKOTE AGRO-1, **SOUTH INTERIOR KARNATAKA:** KALASA-1, **KERALA:** KANJIRAPPALLY-4, AMBALAVAYAL-1, VYTTIRI-1.

5 APRIL 2016

ARUNACHAL PRADESH: TAWANG AWS-1, **ASSAM & MEGHALAYA:** MATIJURI-15, B P GHAT-8, KARIMGANJ-7, PANBARI-5, SILCHAR-4, BARPETA-4, A P GHAT-3, HALFLONG-3, LAKHIPUR-2, GHARMURA-2, BARAPANI-2, AIE NH XING-2, RANGIA-2, MELABAZAR/MATUNGA-1, DHOLAI-1, MANASH NH XING-1, MAWSYNRAM-1, AMRAGHAT-1, BEKI MATHUNGARI-1, NEAMATIGHAT-1, WILLIAMNAGAR-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** CHHAMONU-6, KAILASHAHAR AERO-5, LENGPUI-4, CHOTTABEKRA-3, KHOWAI-3, KHOWAI AWS-2, ARUNDHUTINAGAR-2, PHEK AWS-1, KOHIMA-1, BELONIA-1, DIMAPUR AWS-1, **ODISHA:** ATABIRA ARG-1, RAIKAKHOL-1, **HARYANA, CHANDIGARH & DELHI:** CHANDIGARH IAF-2, CHANDIGARH-1, CHANDIGARH AWS-1, **HIMACHAL PRADESH:** KOTKHAHAI-3, BHARMAUR-2, KUMARSAIN-1, KUFRI AWS-1, SEO BAGH-1, BHUNTAR AERO-1, KASAULI-1, DHARMSALA-1, BIJAHAI-1, MASHOBRA AGRO-1, RAJGARH-1, MANALI-1, PANDOH-1, BAJAURA AGRO-1, TISSA-1, JUBBAL-1, GOHAR-1, KUKUMSHERI AWS-1, SOLAN-1, **JAMMU & KASHMIR:** PAHALGAM-3, QAZI GUND-3, GULMARG R.S.-3, GUND-2, KUKERNAG-2, BANIHAI-1, ANANTNAG-1, **MADHYA MAHARASHTRA:** TASGAON-1, **VIDARBHA:** AMGAON-3, **TELANGANA:** DHARMAPURI-2, MAKLOOR-2, **NORTH INTERIOR KARNATAKA:** SEDBAL-2, **SOUTH INTERIOR KARNATAKA:** JAYAPURA-1, **KERALA:** KONNI-2, KOZHIKODE-2.

ARUNACHAL PRADESH: PASIGHAT AERO-6, ITANAGAR-4, CHANGLANG-4, NAHARLAGUN-3, DEOMALI-2, ROING-2, **ASSAM & MEGHALAYA:** CHERRAPUNJI-15, MATIJURI-14, CHERRAPUNJI(RKM)-12, B P GHAT-11, TINSUKIA-10, DHOLAI-7, RANGIA-7, GHARMURA-6, PUTHIMARI-5, BEKY RLY.BRIDGE-4, NALBARI/PAGLADIA-4, PANBARI-4, AMRAGHAT-4, D/MOHANBARI AERO-4, DHUBRI CWC-4, A P GHAT-4, DHUBRI IMD-3, N.LAKHIMPUR/LILABARI-3, BARPETA-3, SHELLA-3, SILCHAR-3, LAKHIPUR-3, GOALPARA PTO-3, BARPATTHAR-2, MUSHALPUR AWS-2, BARAPANI-1, AIE NH XING-1, TIKRIKILLA-1, TANGLA-1, BAHALPUR-1, MORANHAT-1, BEKI MATHUNGARI-1, MANASH NH XING-1, TEZPUR-1, **NAGALAND, MANIPUR, MIZORAM & TRIPURA:** DHARMANAGAR/ PANISAGAR-7, LENGPUI-5, AGARTALA AERO-5, KAILASHAHAR AERO-5, AIZWAL-2, CHOTTABEKRA-1, DIMAPUR AWS-1, CHANDEL AWS-1, **SUB-HIMALAYAN WEST BENGAL & SIKKIM:** HASIMARA-21, CHENGMARI/DIANA-12, ALIPURDUAR (CWC)-11, COOCH BEHAR-6, NH31 BRIDGE-6, NAGARKATA-6, MURTI-4, MATHABHANGA-3, CHEPAN-2, GAJOLDOBA-2, DOMOHANI-2, NEORA-2, MALBAZAR ARG-2, BAROBHISHA-1, TADONG-1, **MADHYA MAHARASHTRA:** GADHINGLAJ-1, **VIDARBHA:** WANI-2, WARORA-2, RAJURA-1, BALLARPUR-1, BHADRAVATI-1, CHANDRAPUR-1, PANDHERIKAWARA-1, GADCHIROLI-1, SAOLI-1, **TELANGANA:** HUZURABAD-1, ADILABAD-1, SULTANABAD-1, GANGADHARA-1, **TAMILNADU & PUDUCHERRY:** COLACHEL-4, KUZHITHURAI-4, MYLAUDY-2, THUCKALAY-2, PECHIPARAI-1, **COASTAL KARNATAKA:** MANGALURU-2, **NORTH INTERIOR KARNATAKA:** KERUR-3, MUDDEBIHAL-2, B BAGEWADI-2, HUBBALLI-2, SOUNDATTI (S.F)-1, HAVERI APMC-1, BADAMI-1, BELAGAVI PTO-1, KALABURGI OBSY-1, JAMKHANDI-1, YEDWAD-1, SANKESHWAR-1, DHARWAD PTO-1, **SOUTH INTERIOR KARNATAKA:** BHAGAMANDALA-7, VIRAJPET-1, **KERALA:** AMBALAVAYAL-2, ALAPUZHA-1.

LEGEND:

(A) / AWS--Automated Weather Station
AP--Airport
ARG--Automated Rain-Gauge
CDR--Cyclone Detection Radar
CWC--Central Water Commission

FMO--Flood Met Office
IAF--Indian Air Force
IMD--India Meteorological Department.
PBO--Pilot Balloon Obsy
PT / PTO--Part Time Observatory

PWD--Public Welfare Department
SR--State Raingauge