



Special Daily Weather Report

23 September, 2016

Monsoon Watch

- The withdrawal line of southwest monsoon continues to pass through Anupgarh, Bikaner and Jaisalmer. **(Fig.1)**
- Meteorological sub-division wise spatial rainfall-distribution and monsoon activity during past 24 hours ending at 08:30 hours IST of today is enclosed. **(Table.1)**
- Latest Satellite Image of INSAT 3-D is enclosed. **(Fig.2)**

Seasonal Rainfall (in mm) from 1 June to 23 September, 2016

<u>Region</u>	<u>Actual</u>	<u>Normal</u>	<u>% Departure from Long Period Average</u>
All India	820.5	853.9	-4%
East & Northeast India	1200.4	1376.4	-13%
Northwest India	572.8	597.5	-4%
Central India	983.5	945.5	4%
South Peninsula	620.9	674.1	-8%

Weather Forecast valid upto 1430 hours IST of 28 September, 2016

- Meteorological sub-divisionwise 5-day rainfall forecast is enclosed. **(Table-2)**
- Sub-division wise rainfall recorded upto 0830 hours IST of today is enclosed. **(Annexure-1)**

Warning (Fig-3)

23 September (Day 1):◆ Heavy to very heavy rain at a few places with extremely heavy fall at isolated places very likely over Telangana; heavy to very heavy at isolated places with extremely heavy fall over Konkan & Goa; heavy to very heavy at a few places over North Interior Karnataka and at isolated places over Madhya Maharashtra and Marathwada and Coastal Karnataka; heavy at isolated places over Vidarbha, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Coastal Andhra Pradesh and Andaman & Nicobar Islands.

24 September (Day 2):◆ Heavy to very heavy rain with extremely heavy fall at isolated places very likely over Konkan & Goa; heavy to very heavy at isolated places over Madhya Maharashtra, Marathwada Telangana and North Interior Karnataka; heavy over Vidarbha, Sub-Himalayan West Bengal & Sikkim, Coastal Karnataka and Andaman & Nicobar Islands.

25 September (Day 3):◆ Heavy rain at isolated places very likely over Konkan & Goa, Madhya Maharashtra, Marathwada, Telangana and North Interior Karnataka.

26 September (Day 4):◆ Heavy rain at isolated places very likely over south Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Konkan & Goa, Marathwada and Telangana.

27 September (Day 5):◆ Heavy to very heavy rain at isolated places very likely over Konkan & Goa; heavy at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, Vidarbha and Telangana.

Weather Outlook for subsequent 2 days (from 28 September to 30 September, 2016)

- Rain at many places very likely over north parts of central east and northeast India.
- Rain at a few places very likely over south peninsula.
- Conditions becoming favourable for further withdrawal of monsoon from some more parts of northwest India.

Legend:

Probability of occurrence	Terminology	Probability of occurrence	Terminology
Less than 25%	unlikely	51-75%	Very likely
25-50%	likely	Above 75%	Most likely

Note: Next report will be issued at 1800 hours IST of 24 September, 2016.

Fig-1

Withdrawal of Southwest Monsoon 23 September 2016

23 September 2016

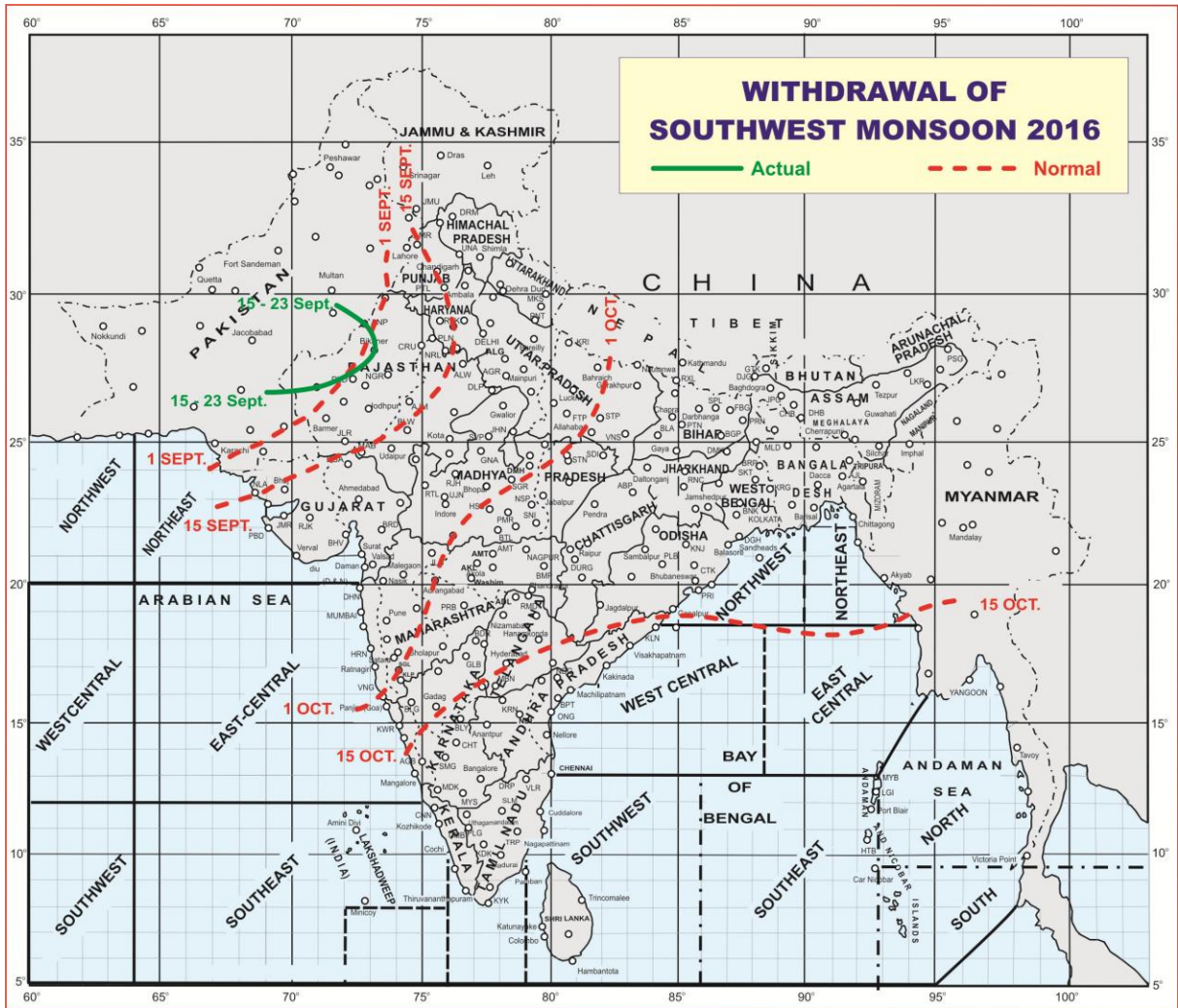


Table-1

RAINFALL DISTRIBUTION & MONSOON ACTIVITY

23 September 2016

S.No.	METEOROLOGICAL SUB-DIVISIONS	DISTRIBUTION	ACTIVITY
1	ANDAMAN & NICOBAR ISLANDS	FWS	NORMAL
2	ARUNACHAL PRADESH	WS	
3	ASSAM & MEGHALAYA	WS	NORMAL
4	NAGA.MANI.MIZO. & TRIPURA	SCT	NORMAL
5	SUB-HIMALAYAN WEST BENGAL & SIKKIM	WS	ACTIVE
6	GANGETIC WEST BENGAL	FWS	NORMAL
7	ODISHA	FWS	ACTIVE
8	JHARKHAND	ISOL	
9	BIHAR	ISOL	
10	EAST UTTAR PRADESH	ISOL	
11	WEST UTTAR PRADESH	ISOL	
12	UTTARAKHAND	SCT	NORMAL
13	HARYANA CHANDIGARH & DELHI	ISOL	
14	PUNJAB	ISOL	NORMAL
15	HIMACHAL PRADESH	FWS	NORMAL
16	JAMMU & KASHMIR	ISOL	
17	WEST RAJASTHAN	ISOL	
18	EAST RAJASTHAN	ISOL	
19	WEST MADHYA PRADESH	ISOL	
20	EAST MADHYA PRADESH	ISOL	
21	GUJARAT REG. D.D. & NAGAR HAVELI	SCT	NORMAL
22	SAURASHTRA KUTCH & DIU	ISOL	NORMAL
23	KONKAN & GOA	WS	VIGOROUS
24	MADHYA MAHARASHTRA	FWS	NORMAL
25	MARATHAWADA	WS	VIGOROUS
26	VIDARBHA	SCT	NORMAL
27	CHHATTISGARH	SCT	NORMAL
28	COASTAL ANDHRA PRADESH	FWS	ACTIVE
29	TELANGANA	WS	VIGOROUS
30	RAYALASEEMA	ISOL	
31	TAMILNADU & PUDUCHERRY	ISOL	
32	COASTAL KARNATAKA	WS	NORMAL
33	NORTH INTERIOR KARNATAKA	FWS	ACTIVE
34	SOUTH INTERIOR KARNATAKA	SCT	
35	KERALA	SCT	
36	LAKSHADWEEP	FWS	
LEGENDS:			
WS	WIDE SPREAD / MOST PLACES (76-100%)	ISOL	ISOLATED (UP TO 25%)
FWS	FAIRLY WIDE SPREAD / MANY PLACES (51% to 75%)	DRY	NO STATION REPORTED RAINFALL
SCT	SCATTERED / FEW PLACES (26% to 50%)	N	NORMAL
ACTIVE (R/F 1 ¹ / ₂ - 4 TIMES THE NORMAL WITH 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 WITH WS/FWS, AT LEAST 2 STATIONS SHOULD BE 8 CM. ALONG WEST COAST & 5 CM. ELSEWHERE)			

Fig-2

Latest Satellite Image of INSAT 3-D

23 September 2016

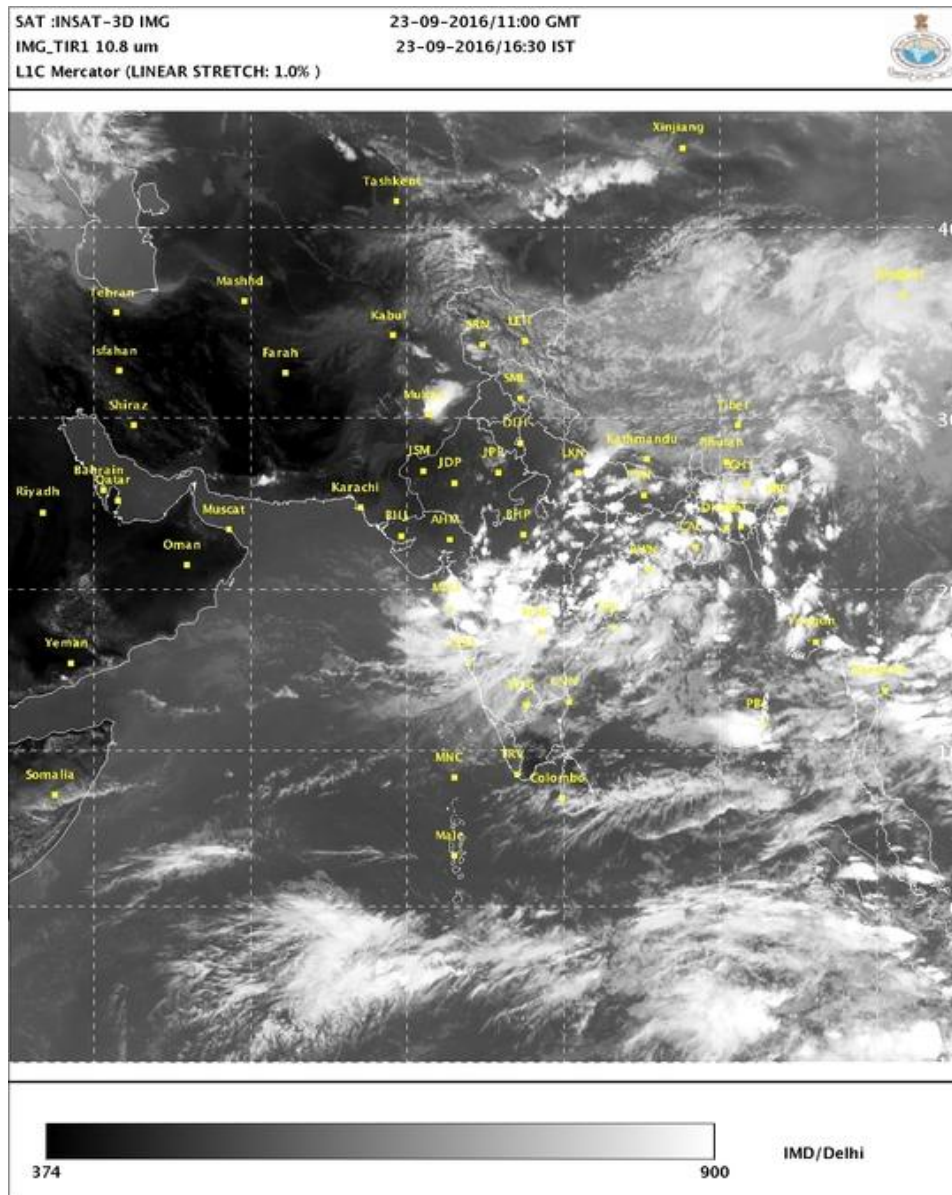


Table-2

5-Day Rainfall Forecast

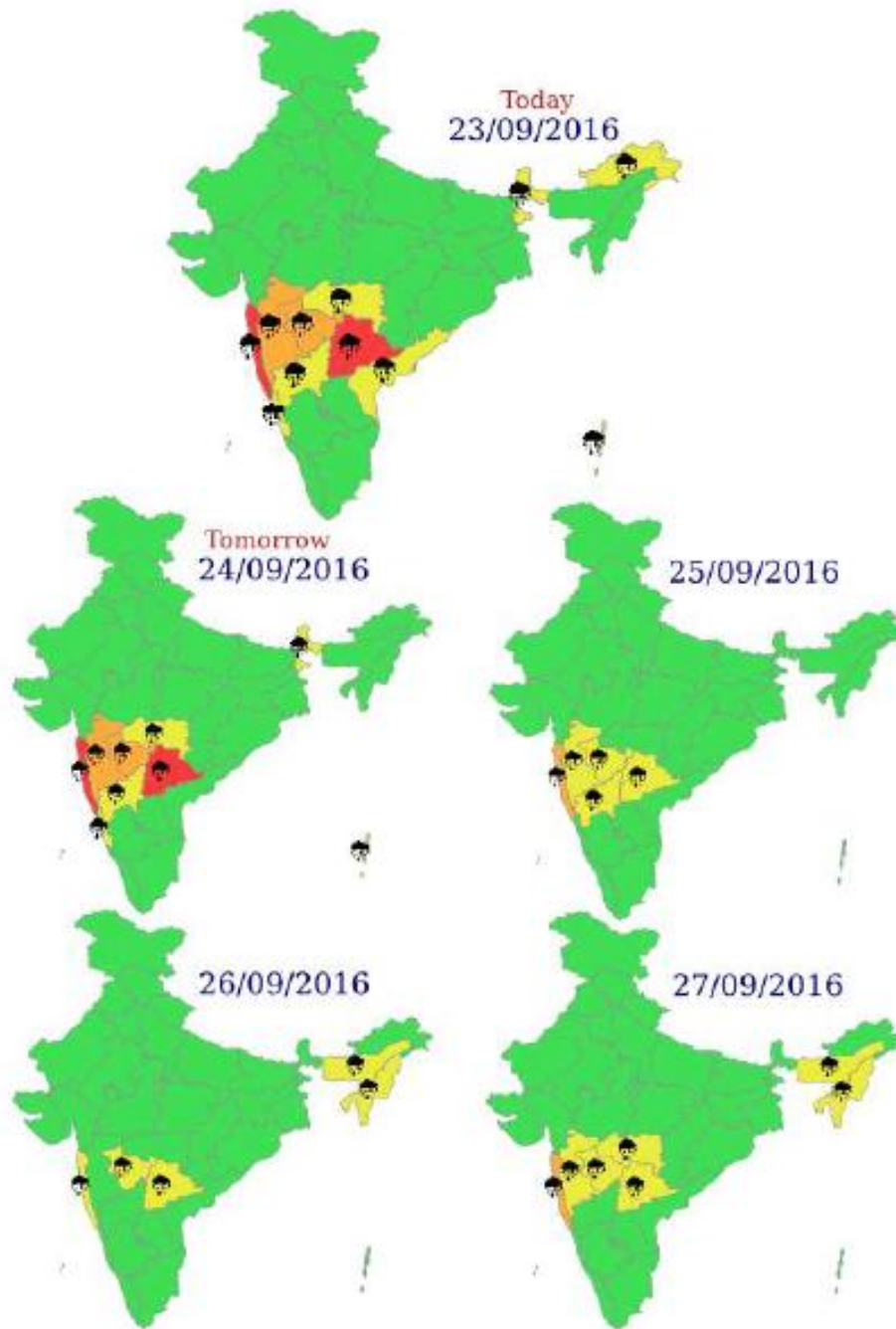
Met-Sub-Division	23-Sep Today	24Sep Sat	25Sep Sun	26Sep Mon	27Sep Tue
1. Andaman & Nicobar Islands	FWS	WS	FWS	SCT	SCT
2. Arunachal Pradesh	FWS	SCT	SCT	SCT	FWS
3. Assam & Meghalaya	FWS	SCT	SCT	SCT	FWS
4. N. M. M. & T.	FWS	SCT	FWS	FWS	WS
5. S.H. West Bengal & Sikkim	FWS	WS	FWS	SCT	SCT
6. Gangetic West Bengal	FWS	FWS	FWS	SCT	SCT
7. Odisha	FWS	FWS	FWS	FWS	FWS
8. Jharkhand	FWS	FWS	SCT	SCT	SCT
9. Bihar	SCT	FWS	SCT	SCT	SCT
10. East Uttar Pradesh	SCT	SCT	SCT	ISOL	SCT
11. West Uttar Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
12. Uttarakhand	SCT	ISOL	ISOL	ISOL	ISOL
13. Haryana, Chd & Delhi	ISOL	ISOL	ISOL	DRY	DRY
14. Punjab	ISOL	ISOL	ISOL	DRY	DRY
15. Himachal Pradesh	SCT	ISOL	ISOL	ISOL	ISOL
16. Jammu & Kashmir	ISOL	ISOL	DRY	DRY	DRY
17. West Rajsthan	ISOL	DRY	DRY	DRY	DRY
18. East Rajasthan	ISOL	ISOL	ISOL	ISOL	DRY
19. West Madhya Pradesh	ISOL	ISOL	ISOL	SCT	SCT
20. East Madhya Pradesh	SCT	SCT	SCT	SCT	FWS
21. Gujarat Region	ISOL	ISOL	ISOL	ISOL	ISOL
22. Saurashtra & Kutch	ISOL	ISOL	ISOL	DRY	DRY
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	WS	WS	WS	WS	WS
25. Marathawada	WS	WS	WS	WS	WS
26. Vidharbha	FWS	FWS	FWS	WS	WS
27. Chhattisgarh	FWS	FWS	WS	WS	FWS
28. Coastal Andhra Pradesh	FWS	FWS	FWS	WS	FWS
29. Telangana	WS	WS	WS	FWS	WS
30. Rayalaseema	SCT	SCT	SCT	FWS	FWS
31. Tamilnadu & Puducherry	ISOL	ISOL	ISOL	ISOL	SCT
32. Coastal Karnataka	WS	WS	WS	SCT	WS
33. North Interior Karnataka	WS	WS	WS	FWS	FWS
34. South Interior Karnataka	FWS	SCT	SCT	FWS	FWS
35. Kerala	FWS	FWS	FWS	FWS	FWS
36. Lakshadweep	SCT	SCT	SCT	SCT	ISOL

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

Fig-3

Warning



Most Vigil (Take Action)	Keep Vigil (Be prepared/updated)
Be aware (Be updated)	No Warning

- | | | | |
|--|--|--|--|
|  Heavy Rain |  Heavy Snow |  Thunderstorm |  Dust Storm |
|  Strong Winds |  Visibility |  Cyclone |  Squall/ Hail |
|  Frost |  Cold Wave |  Heat Wave |  Sea State |

Annexure-1

Significant amounts of rainfall (in cm) (From 0830 hours IST of yesterday to 0830 hours IST of today) 23 SEPTEMBER 2016

ANDAMAN & NICOBAR ISLANDS:		LAKHIPUR	1	DIGHA	1
PORT BLAIR	7	PANBARI	1	BANKURA	1
LONG ISLAND	3	DRF	1	LABPUR	1
IAF CARNICOBAR	2	GOIBARGAON	1	SONAMUKHI ARG	1
HUT BAY	1	SHELLA	1	MIDNAPORE	1
CAR NICOBAR	1	NONGPUH	1		
		KARIMGANJ	1	ODISHA:	
ARUNACHAL PRADESH:		PUTHIMARI	1	JAIPUR	7
M.C. ITANAGAR	4	NONGSTAIN_AWS	1	POTTANGI	7
ITANAGAR	4	NALBARI/PAGLADIA	1	BHOGRAI	5
DAPORIJO	2	GOALPARA_CWC	1	ANANDPUR	5
DEOMALI	2			KAPTIPADA ARG	5
MIAO	1	NAGALAND, MANIPUR, MIZORAM & TRIPURA:		MARSAGHAI ARG	5
ALONG(AWS)	1	SAIHA_AWS	8	DAITARI	5
BORDUMSA(ARG)	1	CHOTTABEKRA	7	PARALAKHEMUNDI	5
SEPPA	1	LUNGLEI_AWS	3	NILGIRI	5
PASSIGHAT	1	LUNGLEI	2	DANAGADI ARG	5
CHANGLANG	1	GOKULPUR_AWS	2	BHANJNAGAR	4
ROING	1	KOHIMA	1	UDALA	4
NAMSAI	1			BELAGUNTHA ARG	4
BASAR	1	SUB-HIMALAYAN WEST BENGAL & SIKKIM:		NH5 GOBINDPUR	4
TEZU	1	MURTI	10	DIGAPAHANDI ARG	4
		NAGARKATA	9	MADHABARIDA	4
ASSAM & MEGHALAYA:		CHAMPASARI	9	BALIMUNDALI	4
MELABAZAR/MATUNGA	11	ALIPURDUAR (CWC)	8	SUKINDA	3
A P GHAT	8	CHUNGTHANG	7	BHADRAK AWS	3
SILCHAR	6	SILIGURI ARG	7	TIKARPARA	3
DHOLAI	4	GAJOLDOBA	6	BONTH	3
BARAPANI	4	KUMARGRAM	5	BALASORE	3
MATIJURI	3	CHENGMARI/DIANA	5	KHANDAPARA	3
JIA BHARALI N T XING	3	NEORA	5	BOLAGARH ARG	3
B P GHAT	3	MALBAZAR ARG	4	GARADAPUR ARG	3
NUMALIGARH	3	BAROBHISHA	4	JENAPUR	3
TAMULPUR	3	GANGTOK	3	JAGANNATH PRASAD ARG	3
MARGHERITA	3	TADONG	2	SIMILIGUDA AWS	3
KHOWANG	3	CHEPAN	2	KASHINAGAR	3
BEKI MATHUNGARI	3	HASIMARA	2	NARAJ	3
TINSUKIA	2	NH31 BRIDGE	2	TENSA	3
GOSSAIGAON	2	BAGRAKOTE	1	NAYAGARH	3
N.LAKHIMPUR/LILABARI	2			AKHUAPADA	3
NAHAR KATIA	2	GANGETIC WEST BENGAL:		NARSINGHPUR	3
DILLIGHAT	2	HARINKHOLA	3	BARIPADA	3
CHAULDHOWAGHAT	2	BARRACKPUR(IAF)	2	BELGAON	3
CHERRAPUNJI	2	CONTAI	2	MAHANGA ARG	3
AMRAGHAT	2	KALAIKUNDA (IAF)	2	KENDRAPARA	3
BIHUBAR	2	BANKURA(CWC)	2	MAHENDRAGARH	3
MORANHAT	2	KRISHNANAGAR	1	BARGAON	3
SHILLONG_AWS	2	BASIRHAT(PT)	1	JAJPUR	3
SHILLONG C.S.O.	2	DURGACHACK	1	RANPUR	2
D/MOHANBARI AERO	2	DIAMOND HARBOUR	1	JHUMPURA	2
TANGLA	1	KOLKATA (DUM DUM)	1	BARMUL	2
CHERRAPUNJI(RKM)	1			KOREI ARG	2
DHOLLA BAZAR	1			ATABIRA ARG	2

ASKA	2	TALCHER	1	PUNJAB:	
NUAGADA ARG	2	KEONJHARGARH	1	BALACHAUR AWS	4
BARI ARG	2	GURUNDIA ARG	1	ANANDPUR SAHIB	3
GOPALPUR	2	SATYABADI ARG	1	ROPAR	3
GANIA ARG	2	ATHGARH	1	BALACHAUR	2
RAIKIA ARG	2	BANAIGARH AWS	1	RANJIT SAGAR DAM SITE	2
LOISINGHA ARG	2	PHULBANI	1	NANGAL	1
G UDAYAGIRI AWS	2	CHANDBALI	1	MADHOPUR	1
BERHAMPUR	2	RENGALI	1	HIMACHAL PRADESH:	
GOP	2	BAMRA ARG	1	AGHAR	4
TIHIDI ARG	2	LAHUNIPARA	1	BANGANA_F	3
DARINGIBADI	2	PURI	1	SUJANPUR TIRA	3
TANGI	2	CHANDIKHOL ARG	1	KANGRA AERO	2
DEOGAON	2	BATLI ARG	1	NAINA DAVI	2
DHENKANAL	2	ANGUL	1	SUNDARNAGAR	2
TIGIRIA ARG	2	PANPOSH	1	UNA	2
ODAGAON ARG	2	RAIRANGPUR	1	GOHAR	1
TIRING	2	KRISHNAPRASAD	1	R L BBMB	1
PIPILI	2	JHARKHAND:		PANDOH	1
SORO	2	RANCHI AERO	1	BIJAH	1
BINJHARPUR ARG	2	PANCHET	1	ROHRU	1
SAMAKHUNTA AWS	2	CHAIBASA	1	MEHRE (BARSAR)	1
KEIRI AWS	2	KHARSEMA	1	KASAULI	1
GHATAGAON	2	BIHAR:		KALPA	1
RAJKISHORENAGAR	2	BELSAND	2	JAMMU & KASHMIR:	
DASPALLA	1	BARHIYA	2	JAMMU AERO	1
NIMPARA	1	BIHAR SHRIF	2	WEST RAJASTHAN:	
KOMNA	1	PATAHI	1	NOHAR SR	3
TIRTOL ARG	1	SABOUR	1	EAST RAJASTHAN:	
TIKABALI	1	WEST UTTAR PRADESH:		KOTDA SR	2
NAWANA	1	BAHERI	3	SHAHPURA SR	2
PARADEEP CWR	1	ALIGARH	3	KHANPUR	1
CHHATRAPUR	1	SAMBHAL	3	JHADOL SR	1
BANPUR	1	ATRAULI	1	WEST MADHYA PRADESH:	
DERABIS ARG	1	UTTARAKHAND:		KUKSHI	3
KALINGA	1	AGHAR	4	MANAWAR	3
KUJANGA ARG	1	BANGANA_F	3	GANDHWANI	3
BANKI ARG	1	SUJANPUR TIRA	3	GANJBASODA	2
CHANDANPUR	1	KANGRA AERO	2	MAHESHWAR	1
HARICHANDANPUR ARG	1	NAINA DAVI	2	BHOPAL-AWS-ARG	1
SORADA	1	SUNDARNAGAR	2	VIDISHA-AWS	1
HINDOL	1	UNA	2	NALCHHA	1
BASUDEVPUR AWS	1	GOHAR	1	EAST MADHYA PRADESH:	
PURUSHOTTAMPUR	1	R L BBMB	1	HATTA	3
KARANJIA	1	PANDOH	1	DINDORI-AWS	1
BETANATI ARG	1	BIJAH	1	GUJARAT REGION:	
MUNDALI	1	ROHRU	1	KARJAN	7
KAKATPUR	1	MEHRE (BARSAR)	1	CHIKHLI	6
MADANPUR RAMPUR	1	KASAULI	1	DANGS (AHWA)	2
SUNDARGARH	1	KALPA	1	KAPRADA	2
JALESWAR	1	HARYANA, CHANDIGARH & DELHI:		DHARAMPUR	2
THAKURMUNDA	1	CHANDIGARH	1	MORVA HADAF	2
CUTTACK	1	CHANDIGARH AWS	1		
MOHANA	1				
GUNUPUR	1				
KANKADAHAD ARG	1				
GAISILET ARG	1				
BURLA ARG	1				
JOSHIPUR	1				
BALIKUDA ARG	1				

MADHBUN	2	KALYAN	3	ATPADI	1
SHAHERA	2	QUEPEM	3	SATNA BAGLAN	1
KHERGAM	2	VALPOI	3	PARNER	1
SOJITRA	2	VAIBHAVWADI	3	AHMEDNAGAR - IMD PT	1
CHORYASI	1	PANVEL_AGRI	3	KARMALA	1
IDAR	1	PONDA	2	GIDHADE - FMO	1
NANIPALSON	1	ULHASNAGAR	2	SAKRI	1
GANDEVI	1	MARGAO	2		
JAMBUSER	1	AMBERNATH	2	MARATHWADA:	
VAGRA	1	SANGUEM	2	KAIJ	11
		MAPUSA	2	RENAPUR	9
SAURASHTRA & KUTCH:		CANACONA	2	BHUM	9
JUNAGADH	10	JAWHAR	2	PATODA	8
VANTHALI	7	PERNEM	2	BEED	8
MENDARDA	4	MALVAN	1	TULJAPUR	8
KODINAR	3	VENGURLA - IMD PT	1	DHARUR	7
UNA	2	THANE	1	KALLAMB	7
KESHOD	2	PANJIM - IMD OBSY	1	UMARGA	7
DIU	2	RAJAPUR	1	PALAM	7
GIR GADHADA	1	BHIRA - IMD PART TIME	1	AMBEJOGAI / MOMINABAD	6
UPLETA	1	MOKHEDA - FMO	1	LOHARA	6
MANAVADAR	1	VIKRAMGAD	1	MANJLEGAON	6
SHIHOR	1	MORMUGAO - PMO IMD	1	DEGLOOR - FMO	5
		DABOLIM N.A.S.- NAVY	1	OSMANABAD IMD PARTTIME	4
KONKAN & GOA:		BHIWANDI	1	GEORAI	4
KHED	30	KUDAL	1	BILLOLI	4
MHASLA	24	LANJA	1	PARANDA	4
ROHA	21	DODAMARG	1	WASHI	4
MATHERAN	19	TALASARI	1	SELU	3
TALA	19			NILANGA	3
PEN	18	MADHYA MAHARASHTRA:		PURNA	3
WAKWALI_AGRI	17	PATHARDI	11	KALLAMNURI	3
MANDANGAD	16	JAMKHED	8	AHMEDPUR	3
HARNAI IMD OBSY	14	SHIRUR GHODNADI	6	MUKHED	3
CHIPLUN	13	AKOLE	5	LATUR	3
DAPOLI_AGRI	12	MAHABALESHWAR-	4	VASMAT	3
MANGAON	10	MOHOL	4	UDGIR - IMD PARTTIME	3
ALIBAG - IMD PART TIME	10	AKALKOT	3	GANGAKHED	3
SHRIWARDHAN	9	NASHIK - IMD OBSY	3	NANDED - IMD PARTTIME	3
MURUD	9	NANDURBAR	3	DHALEGAON - FMO	2
MAHAD	7	SANGAMNER	3	MANVAT	2
SANGAMESHWAR DEVRUKH	7	SHOLAPUR - IMD OBSY	3	KANDHAR	2
GUHAGARH	6	IGATPURI	2	CHAKUR	2
POLADPUR	6	KALVAN	2	PARBHANI - IMD OBSY	2
MUMBAI (COLABA)	5	BARSHI	2	BHOKAR	1
MURBAD	5	JUNNAR	2	PARTUR	1
KARJAT_AGRI	5	DINDORI	2	SHIRUR KASAR	1
URAN	4	GAGANBAWADA	2	HINGOLI - HYDROMET	1
SUDHAGAD PALI	4	JEUR - IMD PARTTIME	2	HADGAON	1
MUMBAI (SANTACRUZ)	4	INDAPUR	2	UMARI	1
PALGHAR_AGRI	4	SHRIGONDA	2	JINTUR	1
DEVGAD	4	KHED RAJGURUNAGAR	2	SILLOD	1
SHAHAPUR	4	BARAMATI	1	PATHRI	1
RAMESHWAR_AGRI	4	AMBEGAON GHODEGAON	1		
SAWANTWADI	3	MADHA	1	VIDARBHA:	
RATNAGIRI - IMD OBSY	3	OZHARKHEDA - FMO	1	CHANDUR BAZAR	6
MULDE_ AGRI	3	RAHURI	1	DHARNI	3
KANKAVLI	3	PATAN	1	WASHIM	3
KHALAPUR	3	TALODA	1	MANORA	2
		DAHIWADI MAN	1		

MANGRULPIR	2	TEKKALI	3	SHAMIRPET	10
UMERKHED	2	TANUKU	3	GUDURWRGL	10
MALEGAON	2	THERLAM	3	MULUG	10
DARYAPUR	2	NARSIPATNAM	3	ZAFFERGADH	10
MAHAGAON	2	DENKADA	3	HAKIMPET IAF	10
PARATWADA	2	MERAKAMUDIDAM	2	NAGA REDDIPET	9
RISOD	1	GANTYADA	2	DUBBAK	9
SIRONCHA	1	DOWLESHWARAM	2	SURYAPET	9
DARWHA	1	CHEEPURUPALLE	2	NALLABELLY	9
PUSAD	1	ANAKAPALLE	2	RAMANNAPETA	9
MORSI	1	KOMARADA	2	MEDCHAL	9
ANJANGAON	1	VEPADA	2	NARAYANKHED	9
BARSHITAKLI	1	JIYYAMMA VALASA	2	RAMAYAMPET	9
NAGPUR AERODROME	1	PRATHIPADU	2	CHEVELLA	9
BATKULI	1	PUSAPATIREGA	2	MUSTABAD	9
CHHATTISGARH:		BALAJIPETA	2	JANGAON	9
		TADEPALLIGUDEM	2	KAMAREDDY	8
KONTA	5	AMALAPURAM	2	VARNI	8
KATGHORA	4	ARAKU VALLEY	2	BHUPALPALLE	8
GHARGHODA	2	RANASTALAM	1	MANCHAL	8
SIMGA	1	RACHERLA	1	SIRSILLA	8
MAHASAMUND	1	PADERU	1	DOMAKONDA	8
ARANG	1	CHODAVARAM	1	YELLANDU	8
AMBIKAPUR	1	TUNI	1	MEDAK	7
JASHPURNAGAR	1	VEERAGHATTAM	1	HYDERABAD A.P.	7
COASTAL ANDHRA PRADESH:		KAKINADA	1	ASWARAOPET(A)	7
		SANTHAMAGULURU	1	PARVATHAGIRI	7
PIDUGURALLA	20	GARIVIDI	1	MANUGURU	7
KOYYALAGUDEM	12	YELAMANCHILI	1	KOTHAGUDEM (DIST: WARANGAL)	7
MACHERLA	11	PEDDAPURAM	1	PALAKURTHI	7
POLAVARAM	9	YERRAGONDAPALEM	1	HUZURABAD	7
JANGAMAHESWARAPURAM	9	TELANGANA:		HAYATHNAGAR	7
KUKUNOOR	8	DHARMASAGAR	18	GUNDALA	7
ICHCHAPURAM	8	KAMPASAGAR(A)	17	VICARABAD	6
SATTENAPALLE	8	LINGAMPET	15	PARGI	6
BOBBILI	8	TADWAI	15	JULURPAD	6
MENTADA	7	GHANPUR	14	DUMMUGUDEM	6
SOMPETA	7	PITLAM	14	NAWABPET	6
SEETHANAGARAM	7	NALGONDA	13	GOLKONDA	6
CHINTALAPUDI	6	SADASIVANAGAR	13	BHADRACHALAM	6
SALUR	6	JUKKAL	13	KALWAKURTHY(ARG)	6
PALAKONDA	6	GANDHARI	13	SAROORNAGAR	6
GARUGUBILLI	5	MIRYALAGUDA	13	PEDDEMUL	6
SRUNGAVARAPUKOTA	5	KHANAPUR	13	DICH PALLE	6
VELAIRPAD	5	KOTHAGUDEM (DIST: KHAMMAM)	13	PALAWANCHA	6
RAJAHMUNDRY	5	HANAMKONDA	12	ATMAKURWRGL	6
VARARAMACHANDRAPUR	5	YELLAREDDY	12	DHARMAPURI	6
BONDAPALLE	5	MOMINPET	12	SHAYAMPET	6
CHINTUR	5	NARMETTA	12	NAVIPET	6
KUNAVARAM	5	CHENNARAOPET	11	BIRKOOR	6
PARVATHIPURAM	5	NARSAMPET	11	MAKTHAL	6
GAJAPATHINAGARAM	4	NIZAM SAGAR	11	MULAKALAPALLE	6
PRAKASAM BARRAGE	4	NAGARJUNSAGAR	11	BURGAMPADU	5
NELIMARLA	4	MARPALLE	11	MAHESWARAM	5
VIZIANAGARAM	4	HASANPARTHY	11	MAHABUBABAD	5
PALASA	4	NARAYANKHED(ARG)	11	SERILINGAMPALLY(ARG)	5
MANDASA	4	SANGAREDDY	11	ENKURU	5
PATHAPATNAM	3	BANSWADA	10	VENKATAPURAM	5
KURUPAM	3	BHEEMADEVARPALLE	10	RUDRUR(A)	5
				KUSUMANCHI	5

KALWAKURTHY	5	KOSGI	2	KADRA	3
BEJJANKI	5	ETURNAGARAM	2	MANI	2
MACHAREDDY	5	KHAMMAM URBAN	2	MANGALURU AP OBSY	2
MAGANOOOR	5	MADDUR	2	BANAVASI	1
BAYYARAM	5	GANDEED	2	PANAMBUR OBSY	1
ACHAMPETA	5	JAKRANPALLE	2	KARWAR OBSY	1
YACHARAM(ARG)	4	DORNAKAL	2	NORTH INTERIOR KARNATAKA:	
YACHARAM	4	KONDURG	2	HUMNABAD	17
GAMBHIRAOPET	4	PALEM(A)	2	BIDAR	16
DOMA	4	GHATTU	2	AURAD	14
CHINNA CHINTA KUNT	4	KAMMAR PALLE	2	KALGI	13
GOLKONDA(ARG)	4	JULAPALLE	2	BIDAR PTO	13
PINAPAKA	4	MADNUR	2	SAIDAPUR	11
VELPUR	4	PEGADAPALLE	1	SULEPET	8
NIZAMABAD	4	JADCHERLA	1	KALABURGI OBSY	8
TEKULAPALLE	4	BOMRASPETA	1	CHINCHOLI	8
DEVARAKONDA	4	CHINTHAKAM	1	NELOGI	7
DEVARAKONDA(ARG)	4	ARMUR	1	SEDAM	6
IBRAHIMPATNAM	3	GANGADHARA	1	JEWARGI	6
JAGTIAL	3	THIMMAPUR	1	ALAND	5
GARLA	3	THIMMAJIPETA	1	GURUMITKAL	5
VENKATAPUR	3	MANCHERIAL	1	AFZALPUR HMS	3
CHANDRUGONDA	3	KALESWARAM	1	INDI	2
NAGAR KURNOOL	3	MALLIAL	1	DEODURG	1
MORTAD	3	MANTHANI	1	RAICHUR PTO	1
KOTGIRI	3	NANDIPET	1	HAYYAL B	1
MOGULLAPALLE	3	KONIJERLA	1	SOUTH INTERIOR KARNATAKA:	
GOVINDARAOPET	3	VANGOOR	1	BHAGAMANDALA	3
KODANGAL	3	SHRIRAMSAG.POCHA	1	AGUMBE EMO	2
YEDA PALLE	3	RAYALASEEMA:		NAPOKLU	1
JURALA PROJ.	3	SRISAILAM	3	SRINGERI HMS	1
METPALLE	3	C BELAGAL	1	DAVANAGERE	1
BHEEMGAL	3	ATMAKUR (DISTRICT: KURNOOL)	1	KAMMARDI	1
PARKAL	3	TAMILNADU & PUDUCHERRY:		MADAPURA	1
RANJAL	3	MARAKKANAM	2		
SATHUPALLE	3	NADUVATTAM	1		
DHAR PALLE	2	TIRUVANNAMALAI	1		
MAKLOOR	2	GINGEE	1		
WANAPARTHY	2	COASTAL KARNATAKA:			
BONAKAL	2	KARKALA	6		
SARANGAPUR	2	HONAVAR OBSY	3		
DAMARAGIDDA	2	UDUPI	3		
TANDUR	2				
BODHAN	2				
NARAYANPET	2				

LEGEND

(A) / AWS--Automated Weather Station
 ARG--Automated Rain-Gauge
 SR--State Raingauge
 AP--Airport
 IAF--Indian Air Force

IMD--India Meteorological Department
 PWD--Public Works Department
 PT / PTO--Part Time Observatory
 CDR--Cyclone Detection Radar
 CWC--Central Water Commission

FMO--Flood Met. Office
 PBO--Pilot Balloon Observatory
 REV--Revenue