



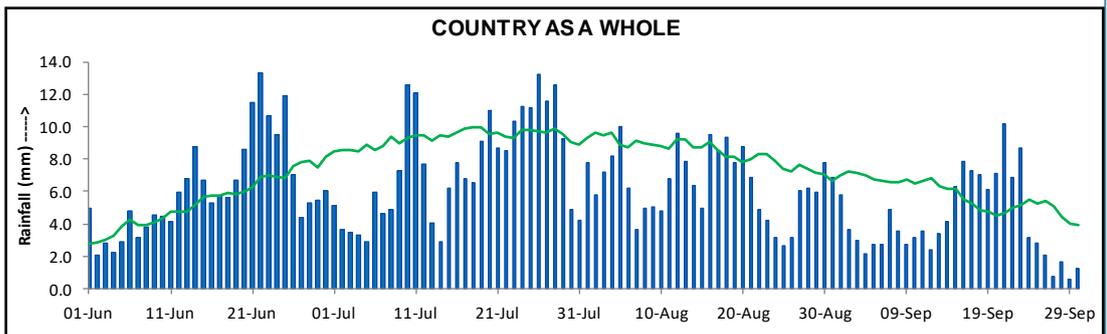
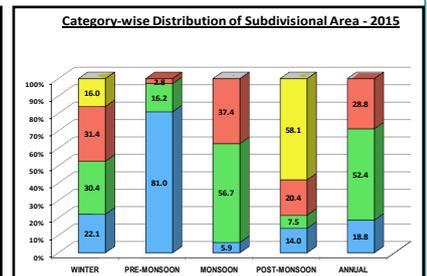
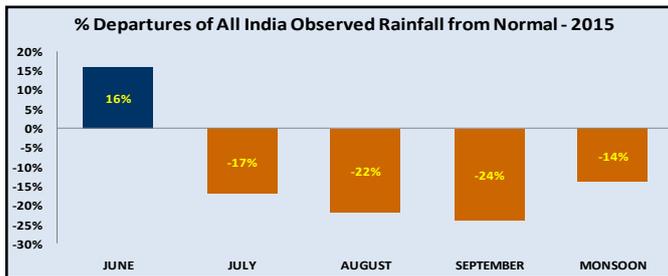
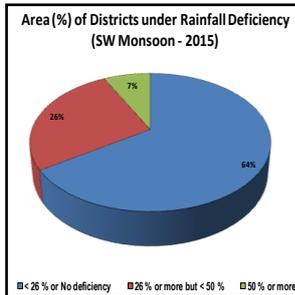
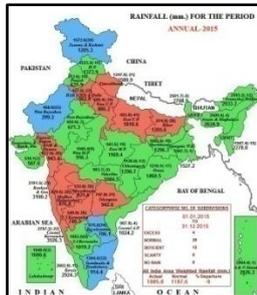
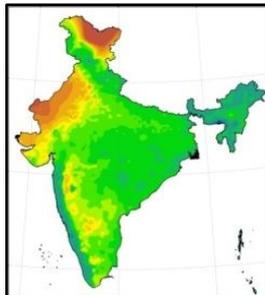
# भारत के वर्षा आंकड़े

## Rainfall Statistics of India - 2015

by

डॉ. (श्रीमती) सुरिंदर कौर एवं एम. के. पुरोहित

**Dr. (Mrs.) Surinder Kaur and M. K. Purohit**





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## **Foreword**

Rainfall is the primary source of water and is of great importance for India's Economy, specially its agriculture industry. It is highly variable over space and time, leads to flood and drought every year on one or the other part of the country. Rainfall statistics is therefore required by the Policy Makers, Planners, Design Structure Engineers, Agriculturists, Hydrologists, Research Scholars and many more for proper management of water resources. Keeping in view the usefulness of rainfall statistics, the publication of rainfall statistics on annual basis was started 2012 onwards

It gives me great pleasure to present the '**Rainfall Statistics of India – 2015**' based on the rainfall received during the year and its comparison with normal rainfall based on the rainfall records for the period from 1951-2000.

I appreciate the authors for their painstaking efforts in bringing out this publication.

**DR. K. J. RAMESH**

**DIRECTOR GENERAL OF METEOROLOGY  
INDIA METEOROLOGICAL DEPARTMENT**

## **Preface**

India Meteorological Department is using the rainfall data received from a network of more than 3500 rain-gauge stations and prepares the rainfall statistics, both in tabular as well as in graphical form. The statistics is prepared for the administrative zones like districts, states and for the country. The statistics is also prepared for the 36 meteorological subdivisions and for the four broad regions (North West India, Central India, South Peninsula and, North & North East) of India. The rainfall is prepared at various temporal scales, like on weekly, monthly, seasonal and annual basis. Besides this, the hydromet division of IMD also monitors the sub-divisional rainfall on daily basis during the monsoon season. Although, the current real-time rainfall products are uploaded on IMD website, the updated statistics is in most demand by various users. Hope, this publication containing updated rainfall statistics for the year 2015 would be useful for the users. Based upon the feed back from users, new information like rainfall analysis of prominent heavy rainfall events and rainfall intensity maps also have been added to the publication this year. Besides, salient features of rainfall patterns during the year have also been given to facilitate the user to have a quick glance of distinguishable rainfall features.

We are thankful to Shri Rameshwar Ram, Shri Manvir Singh and Shri Ashok Kumar of Rainfall Monitoring unit of Hydromet Division, New Delhi for their whole hearted contribution in bringing out this publication.

**Dr. (Mrs.) Surinder Kaur**

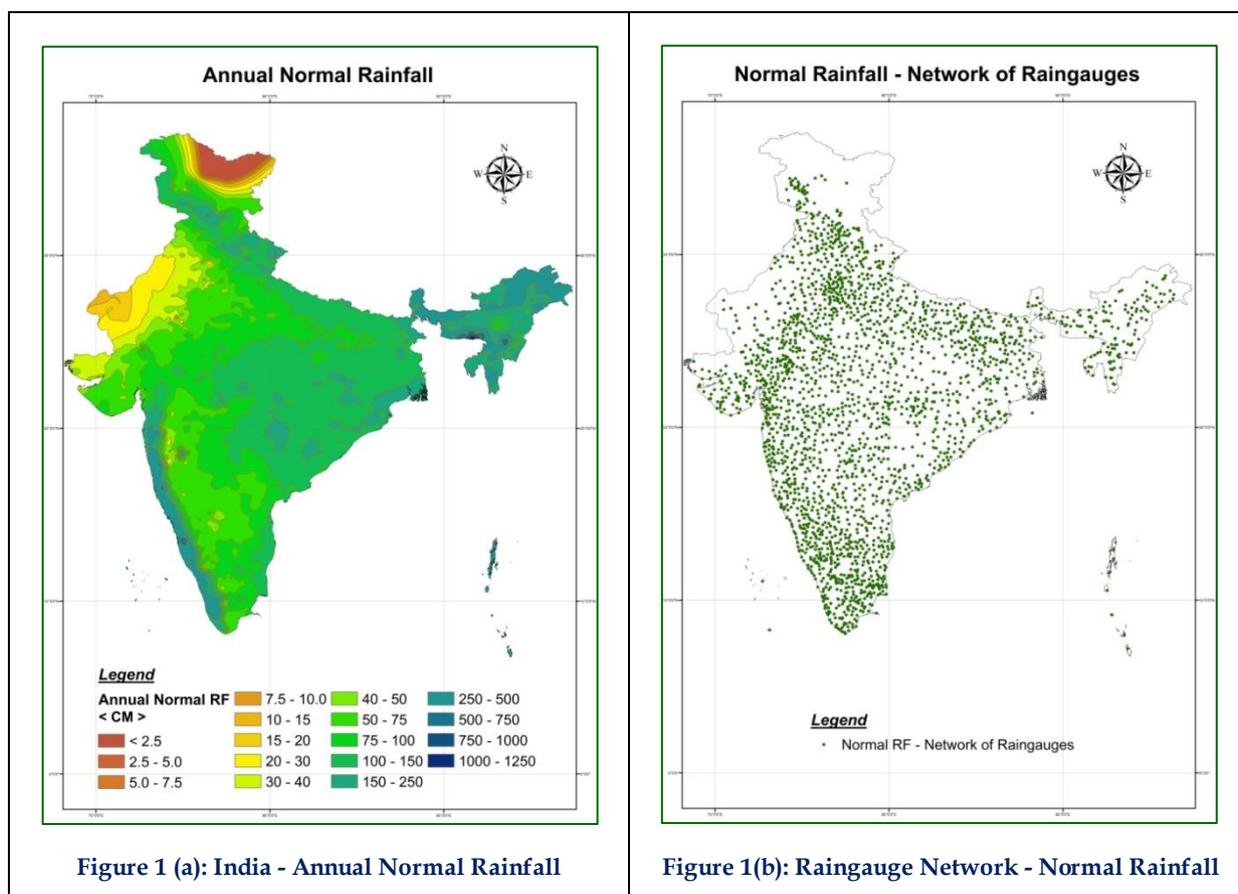
**M. K. Purohit**

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## INTRODUCTION

Rainfall is highly variable in time and space. Over 75% of the annual rainfall is received in the four rainy months of June to September only thereby leading to large variations on temporal scale. The average annual rainfall is 119 cm, but it has great spatial variations. The areas on the Western Ghats and the Sub-Himalayan areas in North East and Meghalaya Hills receive heavy rainfall of over 250 cm annually, whereas the Areas of Northern parts of Kashmir and Western Rajasthan receive rainfall less than 40 cm. The spatial distribution of annual normal rainfall and the network using which the normal rainfall was computed have been depicted in Figure 1(a) and Figure 1(b) respectively. The two significant features of India's rainfall is that, in the north India, rainfall decreases westwards and in the Peninsular India, it decreases eastwards and then increases in the coastal region.



## METHODOLOGY

The rainfall statistics is computed based on the receipt of rainfall data from about 3500 stations spread over the entire country. Based on daily rainfall data of these stations, the rainfall of all the districts are computed and using the rainfall of the districts, rainfall statistics for the meteorological subdivisions, states, the four broad regions and for the whole country have been computed. The present publication includes the updated rainfall statistics for the country as a whole, for all the four broad regions of India, 36 Meteorological Subdivisions, all States and UTs and 641 Districts of India. The statistics is provided on monthly, 4 seasons i.e. Winter (Jan-Feb), Pre-Monsoon (Mar-May), Monsoon (may be referred as South West Monsoon) (Jun-Sep) and Post-Monsoon (Oct-Dec), and on annual basis. The Rainfall Normals used in this report are based on the rainfall records

for the period from 1951-2000. Percent departures of rainfall from Rainfall Normals, besides these statistics, have been color coded as per their categories. Following is the list of categories, their corresponding ranges and color codes.

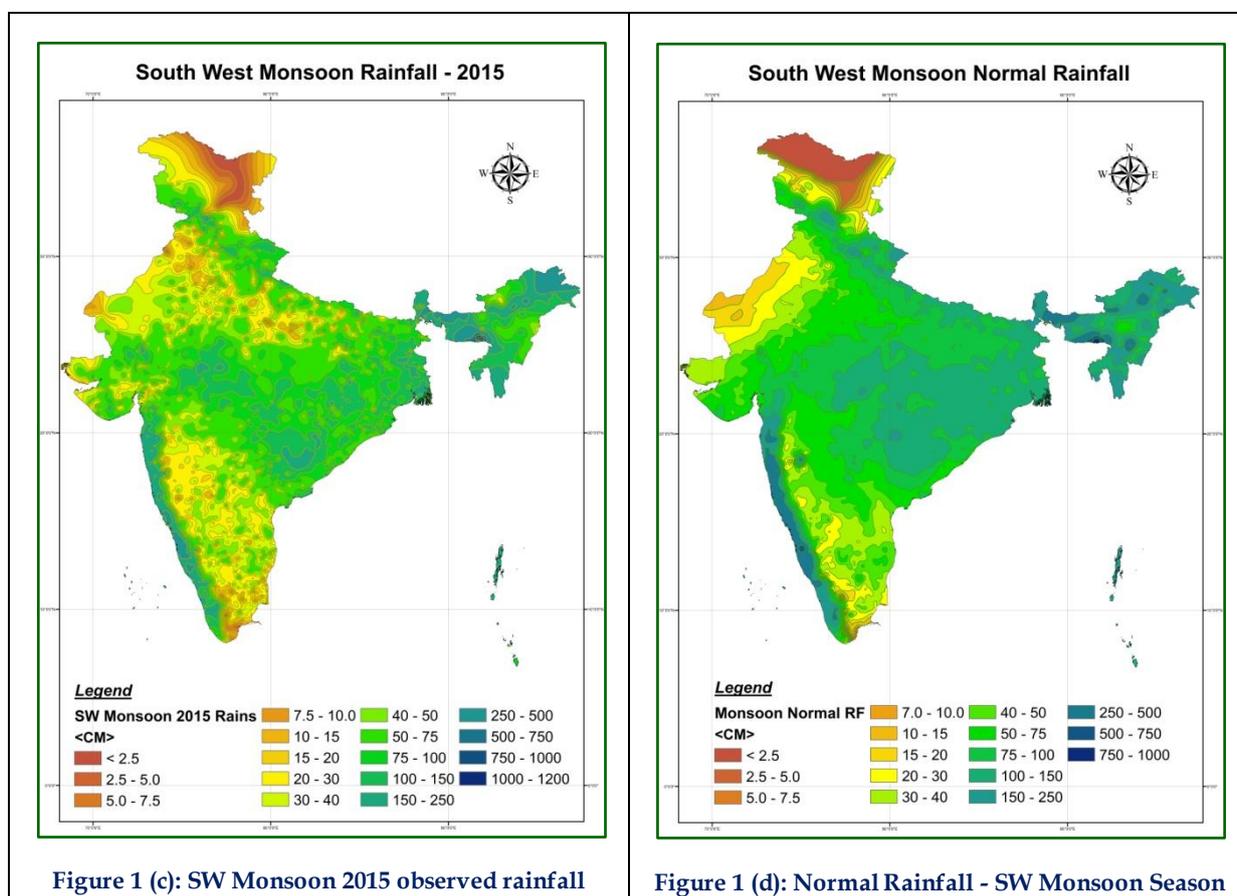
Category	Departures from Normals	Colour Code
Excess	20% or more	
Normal	-19% to +19%	
Deficient	-20% to -59%	
Scanty	-60% to -99%	
No Rain	-100%	
No Data	Data Not Available	

## SALIENT FEATURES OF RAINFALL 2015

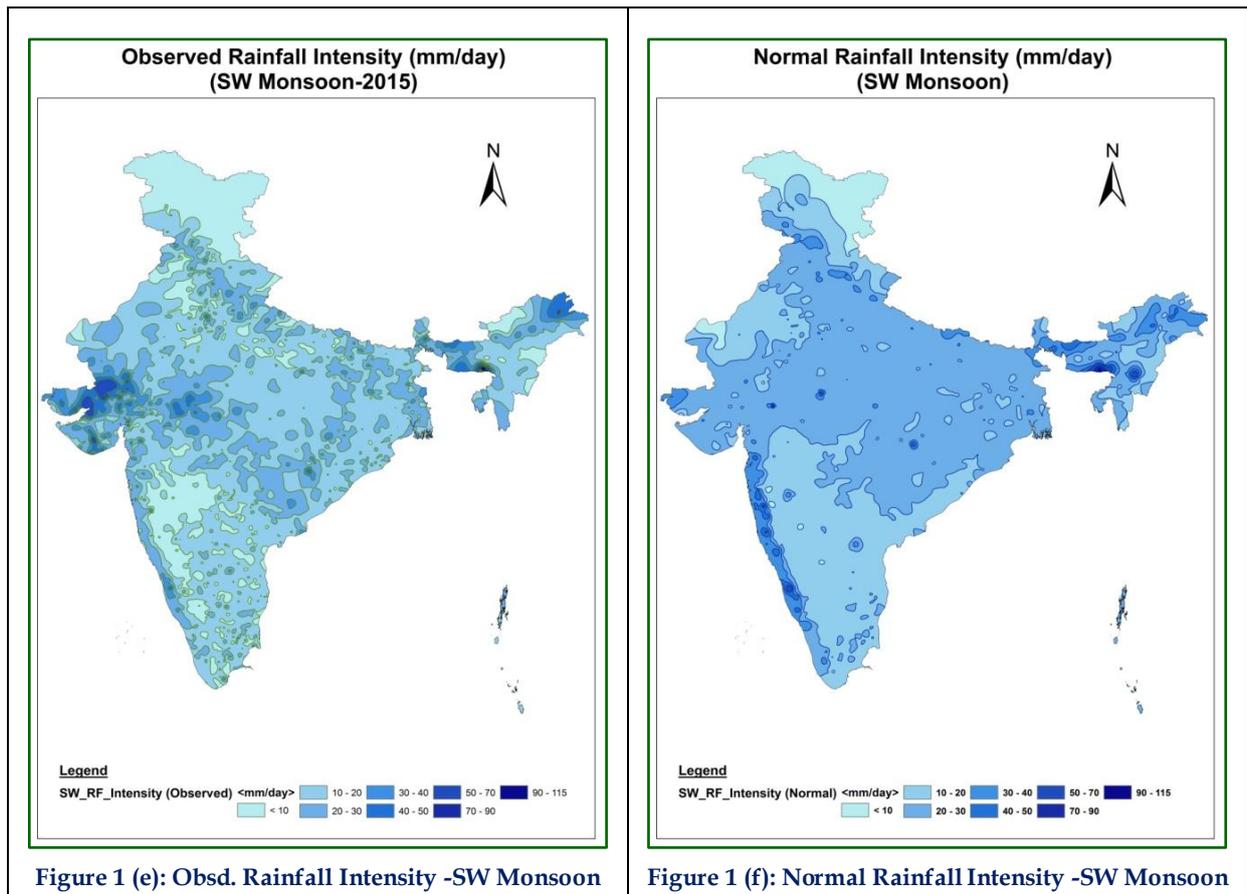
1. The country received annual rainfall of 91% of its normal rainfall of 118.7 cm and during SW monsoon season, it received 86% of its normal rainfall of 89 cm.
2. During SW monsoon season, country experienced deficiency in rainfall as compared to its normal rainfall during the months of July (17%), August (22%) and September (24%). However, in June, it was 16% more than its normal rainfall.
3. The country was at maximum deficiency in rainfall of 23% during post monsoon season. However, it received 40% more rains than its normal rainfall during pre-monsoon season.
4. All the four meteorologically homogeneous regions received less than their normal rainfall during monsoon season, post monsoon season and also annually, except for South Peninsula, which received 16% more than its normal rainfall during postmonsoon season.
5. All the four meteorologically homogeneous regions received more rains than their normal rainfall during pre-monsoon season, except for E & NE region which remained at 2% deficiency in rains during the season.
6. In the four meteorologically homogeneous regions, highest positive departure of 90% was experienced in NW India during pre-monsoon season where as highest negative departure of 63% was observed in Central India during post-monsoon season.
7. The country received maximum rainfall in the month of July as 240.8 mm and minimum in the month of December as 15.4 mm. However, on comparing with normals, it is observed that the maximum positive departure is of 99% from its normal rainfall in the month of March where as the maximum negative departure of rainfall was of 48% in the month of October.
8. Regionwise monthly rainfall - maximum positive departure of 269% was recorded in Central India in the month of March, where as the maximum negative departure was of 86% in the month of February in South Peninsula. However, the highest rainfall of 405.8 mm was recorded in the month of August in E & NE India and the least rainfall recorded was 1.0 mm in the month of February in South Peninsula.
9. Subdivisionwise Seasonal & Annual rainfall - A & N Islands received highest rainfall of 2904.4 mm and Haryana, Chandigarh & Delhi received lowest rainfall of 437.8 mm. During the SW monsoon season, Coastal Karnataka received highest rainfall of 2277.7 mm and Tamilnadu & Pondicherry received lowest rainfall of 285.8 mm. On comparing the annual rainfall with normals, it may be observed that, no subdivision remained in Scanty category. During Monsoon season also, only West Rajasthan recorded excess rainfall with 46%

departure from its Monsoon normal rainfall, rest of the subdivisions were either in Normal or in Deficient category.

10. Annually, the District of East Khasi Hills in Meghalaya received the highest rainfall of 7898.7 mm where as the District Ladakh (Leh) in Jammu & Kashmir received the lowest rainfall of 82.3 mm.
11. Rainfall deficiency of 50% or more was experienced in 7% area of the districts of India. 26% area of districts was under rainfall deficiency between 25% and 50%. Remaining 64% area of the districts of India was with less than or equal to 25% rainfall deficiency or without any deficiency in rainfall.
12. During the South-West Monsoon season, rainfall deficiency of 75% or more was experienced in 5 districts, namely, Fatehpur, Ambedkar Nagar, Kaushambi, Kanpur Dehat and Kushi Nagar of East Uttar Pradesh. 57 districts of India out of 608 districts whose data was received during SW monsoon season, recorded deficiency in rainfall of 50% or more but less than 75%.
13. The spatial distribution of observed rainfall in south west monsoon 2015 and the normal rainfall for the south west monsoon season have been depicted in Figure 1(c) and Figure 1(d) respectively.



14. The rainfall Intensity map for SW Monsoon season 2015 and normal rainfall intensity map for SW monsoon season are shown in Figure 1(e) and Figure 1(f) respectively. For computation of rainfall intensity, the days that recorded any amount of rainfall have been considered as Rainy Days. It may be observed from the figures that during SW monsoon 2015, Western Ghats did not experience the rains, as intense as normally it occurs. Similarly, Gujarat Region and adjoining areas recorded much more intense rains due to heavy rains associated with depressions/ low pressure areas as compared to the normal intensity of rainfall in this region.



15. The temporal distribution of SW monsoon rainfall of the country at Figure 5 shows that the number of deficient spells were more than the no. of excess rainfall spells and deficient rainfall spells were of long durations as compared to the excess rainfall spells. Similar situation may be seen for the regional monsoon rainfall of NW India, Central India and Peninsular India. However, in NW India, one deficient rainfall spell was of longest duration of one month i.e from 19<sup>th</sup> Aug. to 18<sup>th</sup> Sept.
16. It can be seen from the temporal distribution of rainfall that the Subdivisions, East U. P and Uttarakhand experienced a long and continuous duration of rainfall deficiency from about last week of August to 3<sup>rd</sup> week of September. This duration was prolonged in respect of West U. P., HAR, CHD & Delhi, Punjab, Himachal Pradesh, J &K, East and West Rajasthan, East and West M.P., and it started even in 2<sup>nd</sup> or 3<sup>rd</sup> week of August. Such deficiency in rainfall was even worse in case of Gujarat region and Saurashtra & Kutch where there were two long and continuous such durations, from about last week of June to last week of July and another one of more than about one and half month from 31<sup>st</sup> July onwards. Konkan & Goa and Madhya Maharashtra also experienced rainfall deficiency from 3<sup>rd</sup> week of June to 3<sup>rd</sup> week of July. The situation was more severe in case of Marathwada where this duration prolonged and extended up to 1<sup>st</sup> week of August.
17. Mawsynram in Meghalaya recorded the heaviest one day rainfall of 745.2 mm on 19<sup>th</sup> August 2015 where as least of the one day heaviest rainfalls of 144.6 mm in a met. Subdivision was recorded at Mudgal station in Raichur district of N. I. Karnataka. It may be observed that Gudamalani station in Barmer district of West Rajasthan recorded 331 mm rainfall on 27<sup>th</sup> July 2015 which exceeded even the annual normal rainfall in that area.

## SEASONAL & ANNUAL RAINFALL STATISTICS FOR THE COUNTRY & BROAD REGIONS

The country received annual rainfall of 91% of its normal rainfall of 118.7 cm and during SW monsoon season, 86% of its normal rainfall of 89 cm. The region-wise and the country's seasonal and annual actual observed rainfall are given at **Table 1**, and the percentage departures from normal rainfall are given at **Table 2**. It may be observed that E & NE India received less than its normal rainfall during all the seasons and also annually. NW India and Central India recorded more than their normal rainfall during Winter and Pre-monsoon seasons. During Monsoon season and also annually, all the four regions and the country as a whole received less than their normal rainfall where as during Pre-Monsoon season, except for E & NE India, rest of the regions and the country as a whole recorded rainfall, more than their normal rainfall. Similarly, during Post-Monsoon season, except for South Peninsula, rest of the regions and the country as a whole recorded rainfall, less than their normal rainfall. The country was at maximum deficiency in rainfall of 23% during post monsoon season. Regionally, highest positive departure of 90% was experienced in NW India during pre-monsoon season where as highest negative departure of 63% was observed in Central India during post-monsoon season.

**Table 1: Region-wise seasonal and annual rainfall (mm) - Year 2015**

REGIONS	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
COUNTRY AS A WHOLE	38.1	183.6	765.8	97.6	1085.0
NORTH WEST INDIA	79.1	212.4	510.8	46.2	848.5
CENTRAL INDIA	21.7	73.5	818.9	29.2	943.4
SOUTH PENINSULA	7.7	179.8	605.1	317.2	1109.7
EAST & NORTH EAST INDIA	30.8	365.1	1343.4	70.6	1809.8

**Table 2: % Departures of region-wise seasonal and annual rainfall - Year 2015**

REGIONS	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
COUNTRY AS A WHOLE	-8%	40%	-14%	-23%	-9%
NORTH WEST INDIA	2%	90%	-17%	-26%	-2%
CENTRAL INDIA	37%	84%	-16%	-63%	-15%
SOUTH PENINSULA	-50%	45%	-16%	16%	-2%
EAST & NORTH EAST INDIA	-45%	-2%	-7%	-59%	-11%

## MONTHLY RAINFALL STATISTICS FOR THE COUNTRY & BROAD REGIONS

The observed monthly rainfall for the country as a whole and also for the four broad regions of the country are given at **Table 3** and the % departures from normal rainfall are given at **Table 4**. The country received maximum rainfall in the month of July as 240.8 mm and minimum in the month of December as 15.4 mm. However, on comparing with normals, it is observed that the maximum positive departure is of 99% from its normal rainfall in the month of March where as the maximum negative departure of rainfall was of 48% in the month of October. While, looking at the regions of India, it may be observed that, maximum positive departure of 269% was recorded in Central India in the month of March, where as the maximum negative departure was of 86% in the month of February in South Peninsula. However, the highest rainfall of 405.8 mm was recorded in the month of August in E & NE India and the least rainfall recorded was 1.0 mm in the month of February in South Peninsula.

**Table 3: Region-wise monthly rainfall (mm) - Year 2015**

REGIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
COUNTRY AS A WHOLE	17.2	20.8	61.4	68.8	53.4	189.0	240.8	204.2	131.8	42.3	39.9	15.4
NORTH WEST INDIA	23.5	55.7	126.0	61.2	25.2	90.6	228.3	136.0	55.8	24.9	9.7	11.6
CENTRAL INDIA	18.2	3.5	35.4	25.8	12.3	204.5	267.9	204.8	141.8	22.5	4.0	2.7
SOUTH PENINSULA	6.6	1.0	22.4	78.4	79.0	187.6	110.2	146.2	161.0	99.0	172.7	45.4
EAST & NORTH EAST INDIA	16.2	14.6	39.6	162.5	162.9	347.7	368.7	405.8	221.3	47.9	9.9	12.8

It may be observed (Table 4) that, East & North East remained with rainfall deficiency of 20% or more for all the months except for the months of April, May, June, July and December. Similarly, Central India remained with rainfall deficiency of 20% or more for all the months except for the months of January, March, April, June and July.

**Table 4: % Departures of region-wise monthly rainfall - Year 2015**

REGIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
COUNTRY AS A WHOLE	-10%	-6%	99%	80%	-14%	16%	-17%	-22%	-24%	-48%	34%	-7%
NORTH WEST INDIA	-36%	37%	161%	100%	-23%	31%	5%	-37%	-50%	-19%	-17%	-43%
CENTRAL INDIA	128%	-56%	269%	160%	-40%	24%	-18%	-33%	-22%	-61%	-73%	-56%
SOUTH PENINSULA	-15%	-86%	90%	128%	2%	18%	-50%	-19%	3%	-37%	103%	41%
EAST & NORTH EAST INDIA	-23%	-58%	-39%	38%	-14%	-1%	-16%	14%	-25%	-64%	-63%	-5%

## SOUTH WEST MONSOON – 2015

The rainfall statistics for monsoon months and season for the country is given at Table 5. Also, the monthly and seasonal observed and normal rainfall and, the percent departures of observed rainfall from their normal rainfall have been depicted in charts at Figure 2 and Figure 3 respectively. During the monsoon season, country was deficient in rainfall at -14% departure from Normal. It may be observed that, except for the month of June, the country was in rainfall deficiency of 15% or more.

**Table 5: All India Rainfall - SW Monsoon 2015**

RAINFALL (mm) FOR THE COUNTRY: SOUTH WEST MONSOON SEASON - 2015			
MONTH	OBSERVED	NORMAL	% DEPARTURES FROM NORMAL
JUNE	189.0	163.6	16%
JULY	240.8	289.2	-17%
AUGUST	204.2	261.3	-22%
SEPTEMBER	131.8	173.4	-24%
MONSOON	765.8	887.5	-14%

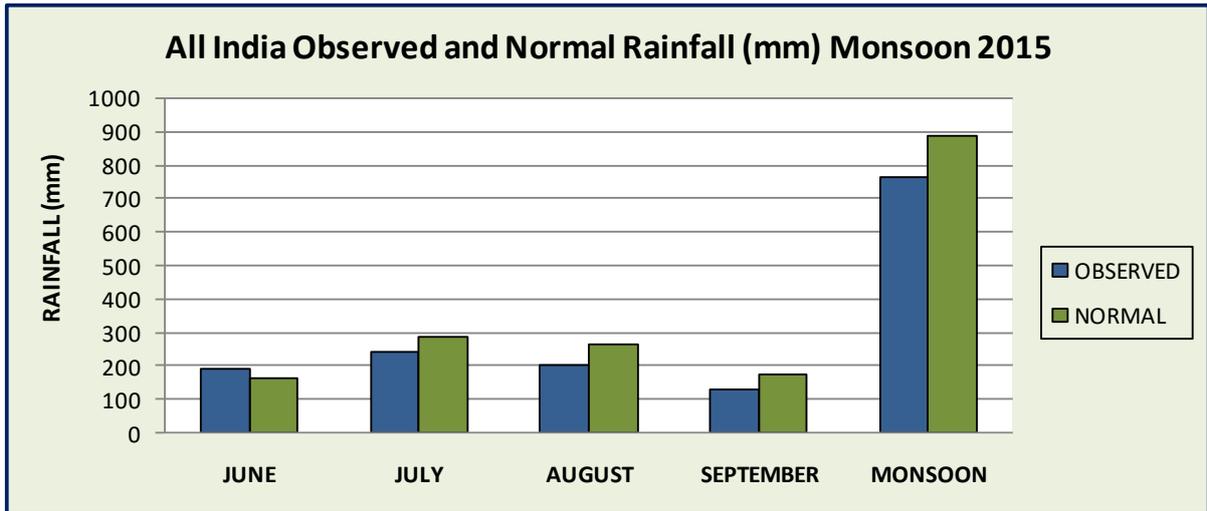


Figure 1: All India Rainfall – SW Monsoon 2015

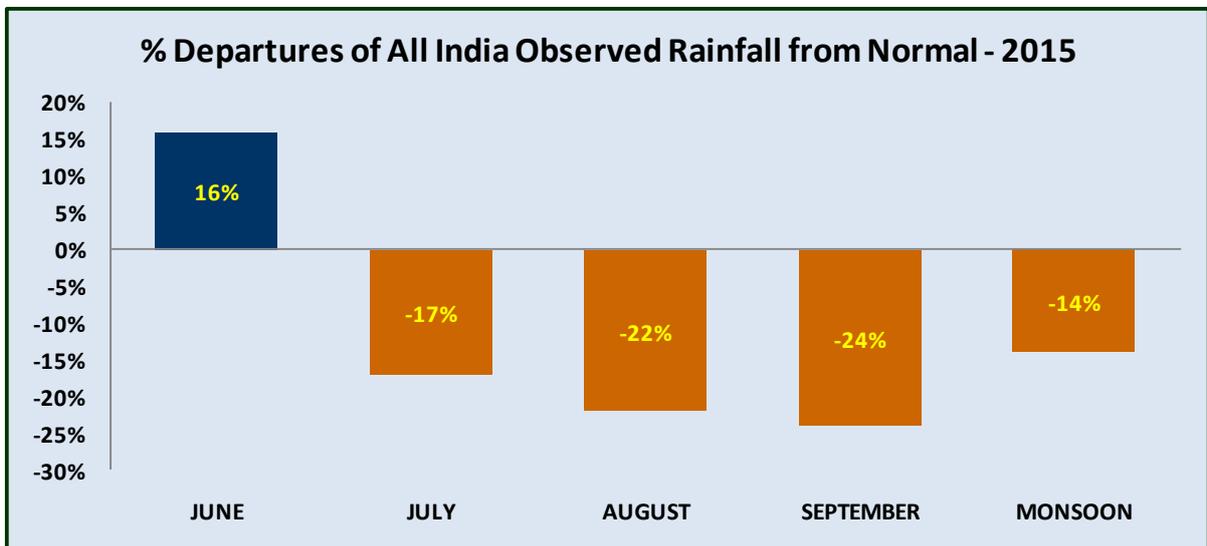


Figure 2: Percent Departures of All India Rainfall – SW Monsoon 2015

## HEAVY RAINFALL STATISTICS – SW MONSOON 2015

The stations which recorded 1-day heavy rainfall during the South West monsoon season in each of the met. subdivision have been identified and heavy rainstorms for few selected dates from these are analysed.

### STATIONS (SUBDIVISION-WISE) WITH HEAVIEST RAINFALL – SW MONSOON 2015

Heaviest rainfall recorded in a day during SW Monsoon season in each of the meteorological subdivision of India along with their date of observation have been given below in Table 6 in descending order of rainfall and has also been depicted on the map at Figure 4(a). It may be seen that Mawsynram which lies in the heaviest rainfall region recorded the heaviest daily rainfall of 745.2 mm on 19<sup>th</sup> August 2015, where as least of the one day heaviest rainfalls of 144.6 mm in a met. subdivision was recorded at Mudgal station in Raichur district of N. I. Karnataka. Gudamalani station in Barmer district of West Rajasthan recorded 331 mm rainfall on 27<sup>th</sup> July 2015 which exceeded even the annual normal rainfall in that area. From Figure 4, it may be seen that maximum number of met.

Subdivision remained in Normal/Excess rainfall category in the months of highest 1-day rainfall and only one met. subdivision, Har., CHD & Delhi recorded Scanty rainfall.

**Table 6: Heaviest One Day Rainfall in Met. Subdivisions of India - SW Monsoon 2015**

STATION	DISTRICT	MET. SUBDIVISION	Rainfall (mm)	Date_Obsn
MAWSYNRAM	EAST KHASI HILLS	ASSAM & MEGHALAYA	745.2	Aug 19
BAGASRA	AMRELI	SAURASHTRA & KUTCH	636.0	Jun 25
KATWA	BURDWAN	GANGETIC WEST BENGAL	533.9	Jun 27
VADGAM	BANASKANTHA	GUJARAT REGION	495.0	Jul 29
PALGHAR_AGRI	THANE	KONKAN & GOA	475.6	Jul 21
MOUNT ABU TEHSIL SR	SIROHI	EAST RAJASTHAN	444.6	Jul 27
HOSANAGAR	SHIVAMOGGA	S. I. KARNATAKA	410.0	Jun 22
NARSINGARH	RAJGARH	WEST MADHYA PRADESH	387.0	Jul 19
KOLEBIRA	SIMDEGA	JHARKHAND	386.4	Jul 11
MAHABALESHWAR- IMD OBSY	SATARA	MADHYA MAHARASHTRA	365.8	Jun 22
KOLLUR	UDUPI	COASTAL KARNATAKA	340.6	Sep 8
GUDAMALANI SR	BARMER	WEST RAJASTHAN	331.0	Jul 27
JHORIGAM Arg	NAWARANGPUR	ODISHA	330.0	Jun 21
ARIYALUR	ARIYALUR	TAMIL NADU & PUDUCHERRY	297.0	Jul 22
ALIPURDUAR (CWC)	JALPAIGURI	SHWB & SIKKIM	296.2	Jun 10
CHERIA B.PURI	BEGUSARAI	BIHAR	280.4	Aug 20
MEWATNUH AWS	MEWAT	HAR CHD & DLH	279.0	Sep 19
ROING	LOWER DIBANG VALLEY	ARUNACHAL PRADESH	278.3	Aug 30
ARKI	SOLAN	HIMACHAL PRADESH	272.2	Jul 17
ARAKU VALLEY	VISHAKHAPATNAM	COASTAL ANDHRA PRADESH	270.0	Sep 15
JALGAON JAMOD	BULDHANA	VIDARBHA	270.0	Aug 5
VYTTIRI	WYNAD	KERALA	228.0	Jun 24
RAIGARH	RAIGARH	CHHATTISGARH	224.4	Aug 3
BELONIA	SOUTH TRIPURA	N M M T	223.6	Aug 20
KHANNA	LUDHIANA	PUNJAB	223.0	Jul 13
DINDORI-AWS	DINDORI	EAST MADHYA PRADESH	221.0	Jun 23
DHARMAPURI	KARIMNAGAR	TELANGANA	218.6	Sep 17
KAISERGANJ	BAHRAICH	EAST UTTAR PRADESH	214.2	Aug 27
KATHUA	KATHUA	JAMMU & KASHMIR	202.8	Sep 23
THAKURDWARA	MORADABAD	WEST UTTAR PRADESH	189.4	Jul 1
PULLAMPETA	CUDDAPAH	RAYALASEEMA	165.4	Aug 22
BAMBASA	CHAMPAWAT	UTTARAKHAND	159.0	Jun 26
LONG ISLAND	NORTH & MIDDLE ANDAMAN	A & N ISLAND	158.0	Sep 18
SILLOD	AURANGABAD	MARATHWADA	157.9	Sep 18
AGATHI	LAKSHADWEEP	LAKSHADWEEP	147.2	Jul 19
MUDGAL	RAICHUR	N. I. KARNATAKA	144.6	Sep 15



## ANALYSIS OF FEW HEAVY RAINFALL EVENTS

Synoptic features of four heavy rainfall events which were markedly prominent during the SW monsoon season have been briefly discussed along with the rainfall analysis.

### (1) Very heavy rainfall over west coast on 22<sup>nd</sup> June 2015

A strong off shore trough lay extended from South Gujarat coast to Kerala coast with an upper air cyclonic circulation over North Gujarat coast between 1.5 and 4.5 kms was seen from 17<sup>th</sup> to 20<sup>th</sup> of June. On 21<sup>st</sup> June, it developed into a low pressure area over North East Arabian sea and neighborhood. On 22<sup>nd</sup> June, it concentrated into a depression centered at 20<sup>o</sup> N & 67<sup>o</sup> E over Arabian sea and the off shore trough existed from Gujarat Coast to Kerala. The rainfall analysis of 22<sup>nd</sup> June is shown in Figure 4(b).

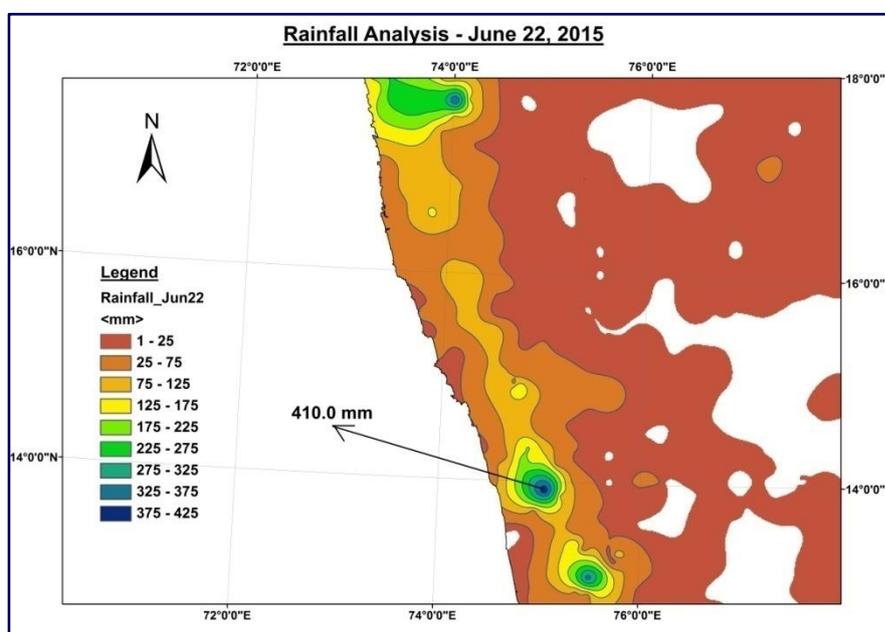


Figure 4(b): Rainfall Analysis – June 22, 2015

### (2) Very heavy rainfall over Saurashtra & Kutch on 25<sup>th</sup> June 2015

On 21<sup>st</sup> June, a low pressure area developed over NE Arabian sea and neighborhood. On 22<sup>nd</sup> June, it concentrated into a depression centered at 20<sup>o</sup> N & 67<sup>o</sup> E. On 23<sup>rd</sup> June the depression moved east north eastward and intensified into deep depression. On 24<sup>th</sup> June the deep depression moved east north eastwards and crossed the Saurashtra coast. On 25<sup>th</sup> June, the maximum rainfall of 636 mm was recorded at Bagasra station of Amreli district of Saurashtra & Kutch subdivision. The rainfall analysis of 25<sup>th</sup> June is shown in Figure 4(c).

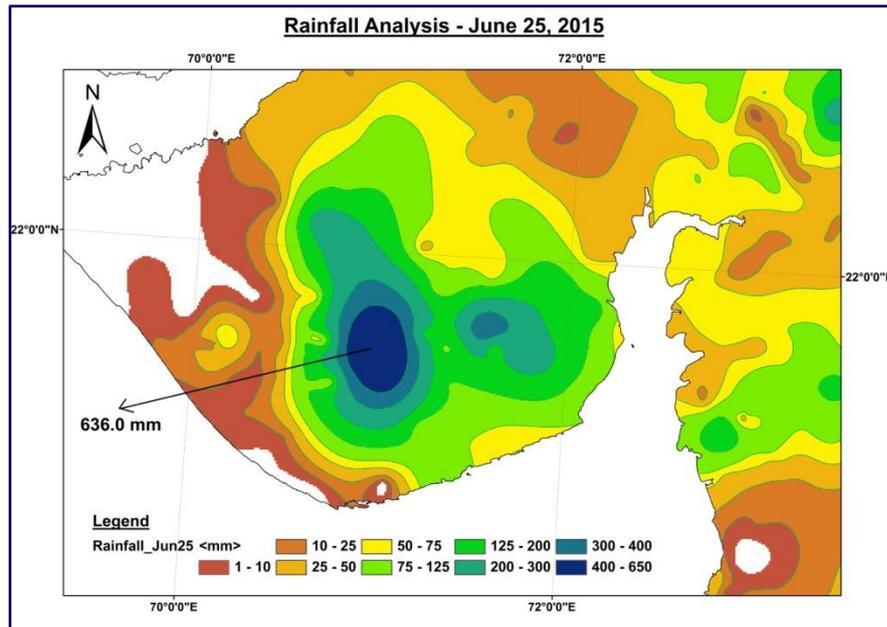


Figure 4(c): Rainfall Analysis – June 25, 2015

**(3) Low/ Depression over northwest and adjoining West central Bay of Bengal (20<sup>th</sup> -27<sup>th</sup> Jun 2015)**

A cyclonic circulation lay over west central Bay of Bengal off south Odisha - north Andhra Pradesh coasts on 16<sup>th</sup> and concentrated into a Depression over North West and adjoining west central Bay of Bengal on 20<sup>th</sup>. It weakened into a well-marked low pressure area on 22<sup>nd</sup> and lay over Odisha and adjoining areas of Jharkhand & Chhattisgarh. It lay as a low pressure area and moved over parts of Gangetic West Bengal, Jharkhand and Bangla Desh till 25<sup>th</sup>. On 26<sup>th</sup>, it lay over over south eastern parts of Bangla Desh and neighbourhood and over Bangla Desh and adjoining Gangetic West Bengal on 27<sup>th</sup>. On 27<sup>th</sup> June, the maximum rainfall of 533.9 mm was recorded at Katwa station of Burdwan district in Gangetic W. Bengal subdivision. The rainfall analysis of 27<sup>th</sup> June is shown in Figure 4(d).

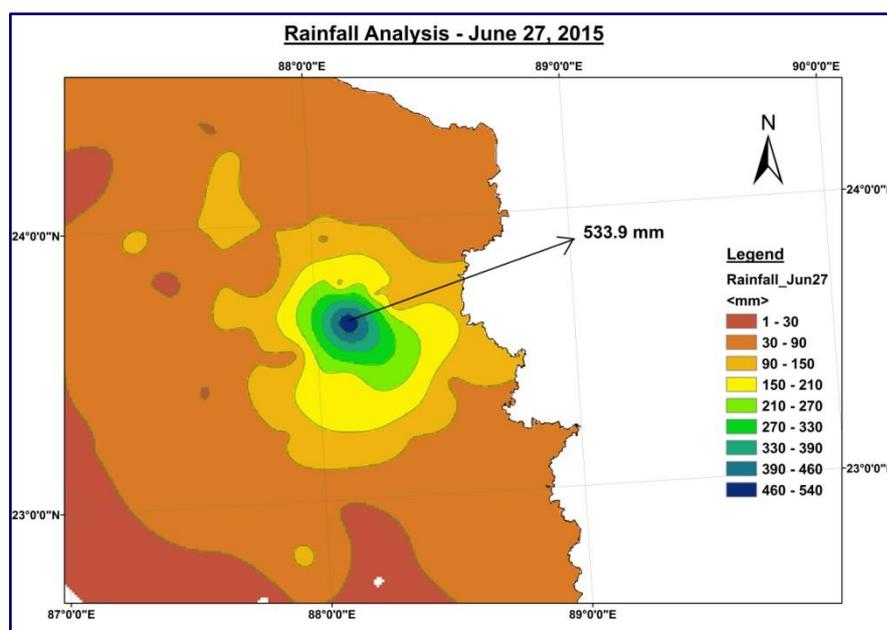


Figure 4(d): Rainfall Analysis – June 27, 2015

#### (4) Land Deep Depression over southwest Rajasthan and adjoining Gujarat (27<sup>th</sup> - 30<sup>th</sup> July 2015)

A low pressure area formed over NW Madhya Pradesh and adjoining E Rajasthan on 24<sup>th</sup> and persisted there on 25<sup>th</sup>. It lay as a well-marked low pressure area over Rajasthan and neighbourhood on 26<sup>th</sup>. It moved towards SW Rajasthan and neighbourhood on 27<sup>th</sup>. On 27<sup>th</sup> July, the maximum 1-day rainfall of 444.6 mm was recorded at Mount Abu station of Sirohi district in E Rajasthan subdivision and of 331 mm recorded at Gudamalani station of Barmer district in W Rajasthan which exceeds even annual normal rainfall in that area. The analysis of 1-day rainfall on 27<sup>th</sup> July is given in Figure 4(e). The well-marked low pressure area concentrated into a Depression and lay over SW Rajasthan & neighbourhood. It then intensified into a Deep Depression and lay over SW Rajasthan and adjoining Gujarat on 28<sup>th</sup>. On 29<sup>th</sup>, the maximum 1-day rainfall of 495 mm was recorded at Vadgam station of Banaskantha district in Gujarat region. It weakened into a Depression and lay over west Rajasthan, on 29<sup>th</sup>. It weakened into a low pressure on 30<sup>th</sup>.

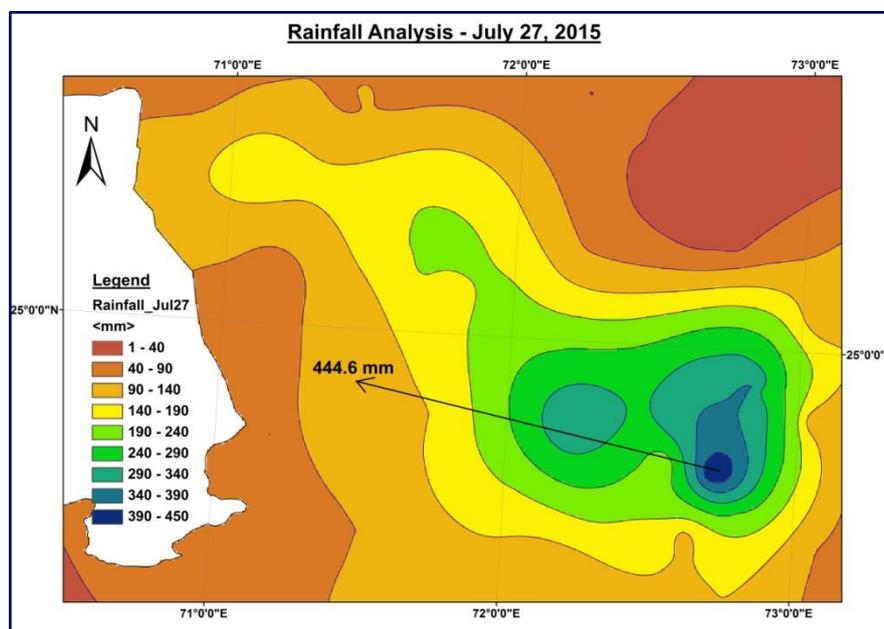
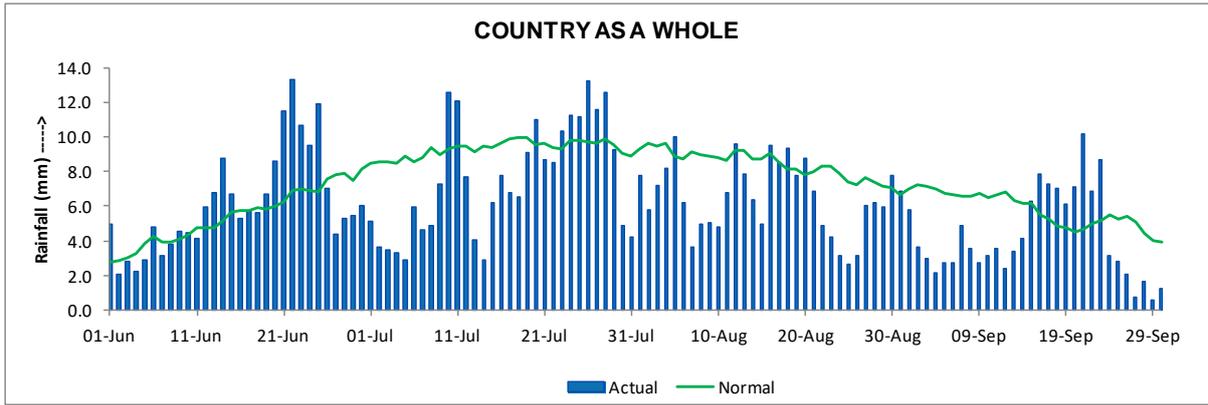


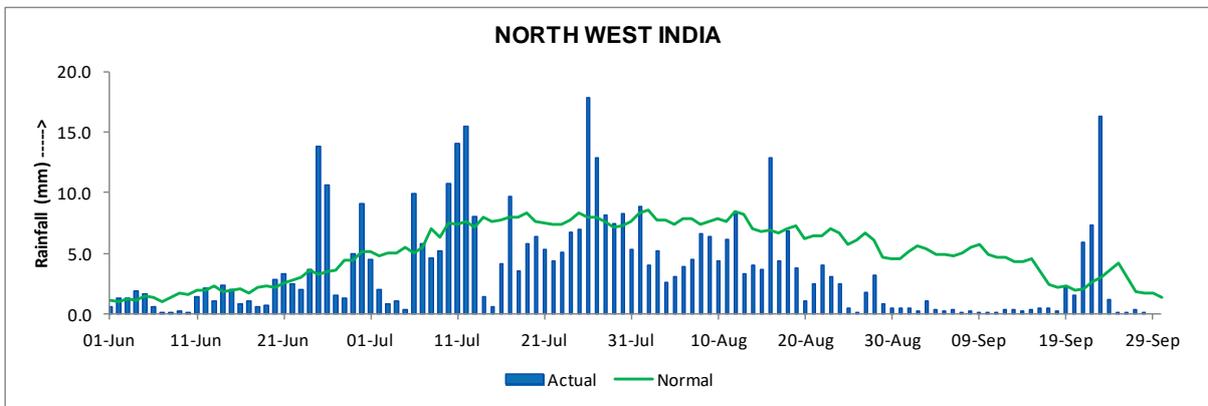
Figure 4(e): Rainfall Analysis – July 27, 2015

### REGION-WISE DAILY RAINFALL SERIES – SW MONSOON 2015

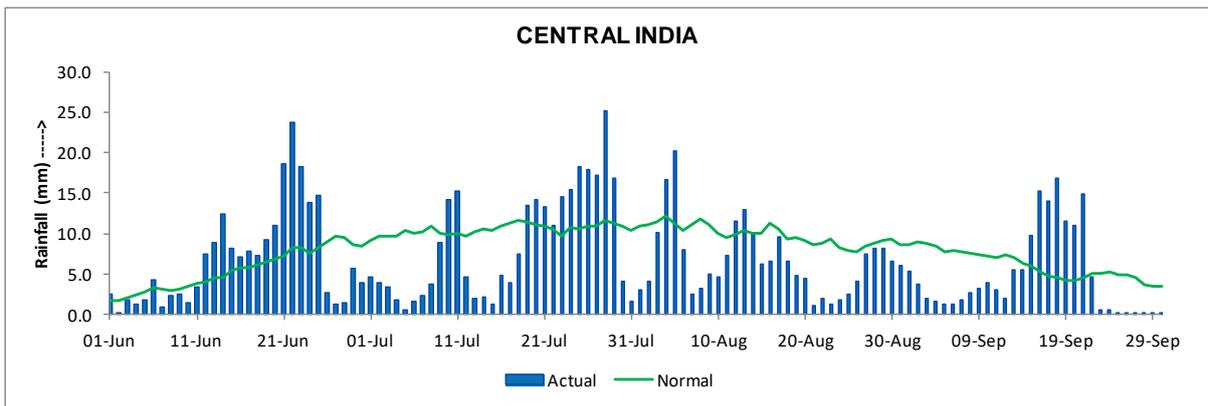
Daily SW-Monsoon rainfall for the country and its broad regions has been plotted against their normal rainfall, given below at Figure 5 through Figure 9. The temporal distribution of SW monsoon rainfall of the country at Figure 5 shows that the number of deficient spells were more than the no. of excess rainfall spells and deficient rainfall spells were of long durations as compared to the excess rainfall spells. Similar situation may be seen for the regional monsoon rainfall of NW India, Central India and Peninsular India. However, in NW India, one deficient rainfall spell was of longest duration of one month i.e from 19<sup>th</sup> Aug. to 18<sup>th</sup> Sept.



**Figure 5: All India Rainfall - SW Monsoon Rainfall Distribution – 2015**



**Figure 6: North West India - SW Monsoon Rainfall Distribution – 2015**



**Figure 7: Central India - SW Monsoon Rainfall Distribution – 2015**

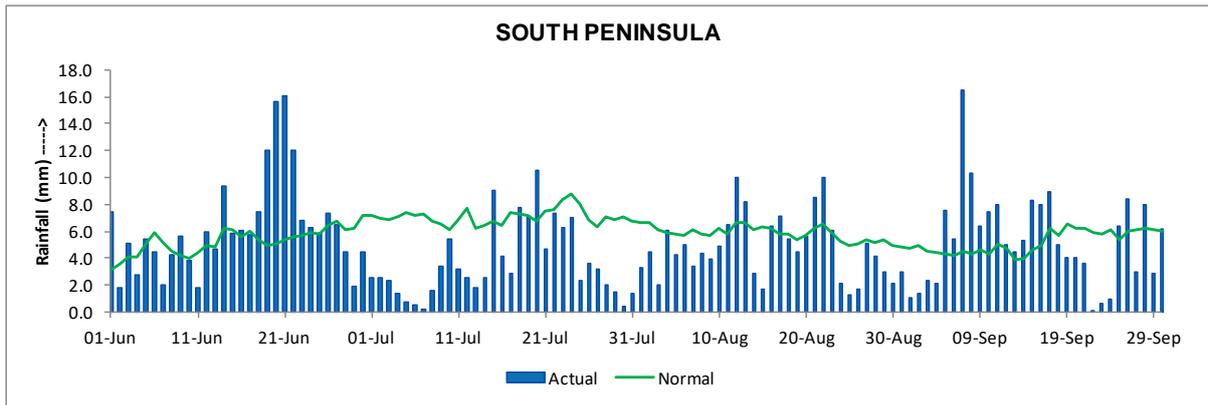


Figure 8: South Peninsula - SW Monsoon Rainfall Distribution – 2015

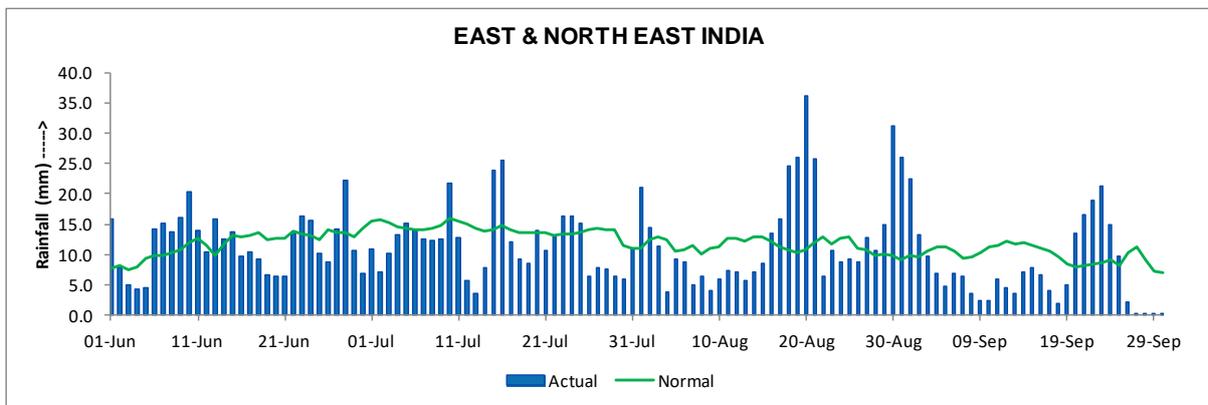


Figure 9: East & North East India - SW Monsoon Rainfall Distribution – 2015

## SUBDIVISION-WISE SEASONAL & ANNUAL RAINFALL STATISTICS

Seasonal and annual observed rainfall statistics during the year 2015 for all the 36 meteorological subdivisions are given in Table 7 and Subdivisional percent departures of rainfall have been given in Table 8.

It may be observed from annual rainfall that A & N Islands received highest rainfall of 2904.4 mm and Haryana, Chandigarh & Delhi received lowest rainfall of 437.8 mm. During the monsoon season, Coastal Karnataka received highest rainfall of 2277.7 mm and Tamilnadu & Pondicherry received lowest rainfall of 285.8 mm. On comparing the annual rainfall with normals, it may be observed that, no subdivision remained in Scanty category. During Monsoon season also, only West Rajasthan recorded excess rainfall with 46% departure from its Monsoon normal rainfall, rest of the subdivisions were either in Normal or in Deficient category.

Table 7: Subdivision-wise seasonal and annual rainfall (mm) - Year 2015

METEOROLOGICAL SUBDIVISIONS	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
A & N ISLAND	134.4	473.2	1678.5	618.3	2904.4
ARUNACHAL PRADESH	78.3	623.5	1762.6	128.8	2593.2
ASSAM & MEGHALAYA	28.7	612.7	1775.8	92.2	2509.4
N M M T	28.6	473.4	1317.8	127.5	1947.4
SHWB & SIKKIM	30.7	518.4	1868.7	83.9	2501.7
GANGETIC WEST BENGAL	18.5	164.1	1286.6	38.6	1507.7
ORISSA	18.4	110.7	1034.6	46.5	1210.1
JHARKHAND	14.8	102.6	941.9	26.3	1085.6

METEOROLOGICAL SUBDIVISIONS	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
BIHAR	14.6	105.4	745.0	9.0	874.0
EAST U.P.	34.2	80.0	472.1	17.3	603.6
WEST U.P.	38.8	96.1	439.9	11.6	586.4
UTTARAKHAND	117.0	222.6	881.9	26.2	1247.6
HAR. CHD & DELHI	18.9	114.8	298.0	6.2	437.8
PUNJAB	49.0	115.0	338.0	10.6	512.6
HIMACHAL PRADESH	213.5	315.3	638.3	56.3	1223.2
JAMMU & KASHMIR	215.1	579.3	613.9	164.4	1572.6
WEST RAJASTHAN	2.3	71.0	384.0	1.4	458.6
EAST RAJASTHAN	12.2	75.4	556.4	6.6	650.6
WEST MADHYA PRADESH	46.6	68.9	917.7	12.3	1045.4
EAST MADHYA PRADESH	48.3	105.5	749.3	40.4	943.5
GUJARAT REGION	1.9	13.7	659.4	2.6	677.6
SAURASHTRA & KUTCH	1.2	8.2	502.1	4.7	516.1
KONKAN & GOA	1.9	52.1	2011.0	126.6	2191.5
MADHYA MAHARASHTRA	2.2	75.3	487.1	65.0	629.5
MARATHWADA	11.7	83.8	413.0	24.3	532.8
VIDARBHA	31.1	107.2	848.2	7.3	993.7
CHHATTISGARH	16.5	70.8	1028.6	20.1	1136.0
COASTAL ANDHRA PRADESH	2.3	65.8	642.3	277.5	987.9
RAYALASEEMA	1.4	126.2	358.2	389.8	875.6
TELANGANA	12.2	109.0	600.8	25.8	747.9
TAMILNADU & PONDICHERRY	10.6	242.8	285.8	665.3	1204.5
COASTAL KARNATAKA	2.0	204.1	2277.7	273.5	2757.3
N. I. KARNATAKA	2.4	123.6	355.3	68.5	549.9
S. I. KARNATAKA	1.9	230.1	605.8	245.9	1083.8
KERALA	8.9	465.9	1515.6	612.6	2602.9
LAKSHADWEEP	2.6	223.9	858.4	555.1	1640.0

**Table 8: % Departures of subdi vision-wise seasonal and annual rainfall - Year 2015**

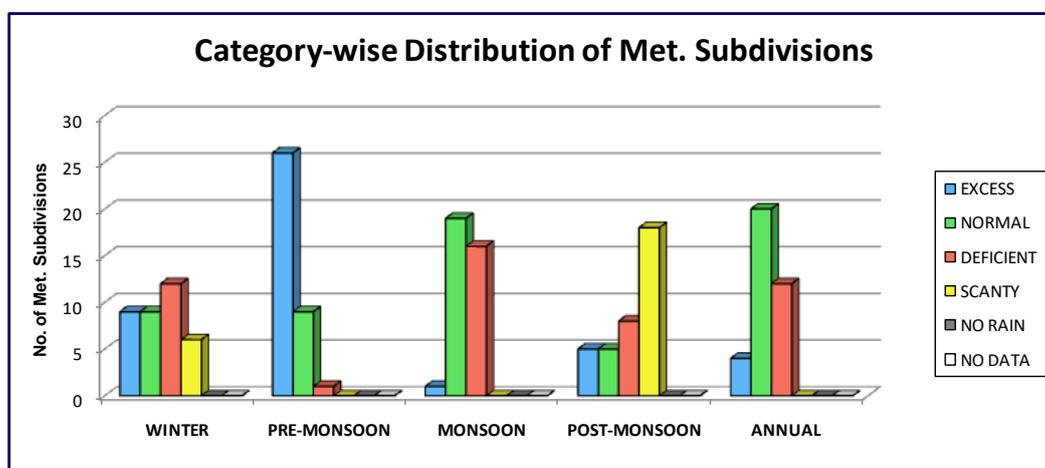
METEOROLOGICAL SUBDIVISIONS	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
A & N ISLAND	62%	2%	0%	-11%	-1%
ARUNACHAL PRADESH	-47%	-17%	0%	-52%	-12%
ASSAM & MEGHALAYA	-39%	4%	-1%	-53%	-4%
N M M T	-35%	-4%	-12%	-48%	-15%
SHWB & SIKKIM	-49%	13%	-7%	-55%	-8%
GANGETIC WEST BENGAL	-46%	0%	10%	-76%	-1%
ORISSA	-42%	-18%	-10%	-68%	-17%
JHARKHAND	-56%	29%	-14%	-71%	-16%
BIHAR	-37%	36%	-27%	-88%	-28%
EAST U.P.	18%	152%	-47%	-71%	-41%
WEST U.P.	16%	230%	-43%	-79%	-34%
UTTARAKHAND	10%	43%	-28%	-71%	-21%
HAR. CHD & DELHI	-43%	236%	-36%	-79%	-22%
PUNJAB	-1%	115%	-31%	-74%	-19%
HIMACHAL PRADESH	9%	29%	-23%	-48%	-11%
JAMMU & KASHMIR	1%	78%	15%	25%	30%

METEOROLOGICAL SUBDIVISIONS	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
WEST RAJASTHAN	-69%	272%	46%	-86%	53%
EAST RAJASTHAN	16%	333%	-10%	-76%	-3%
WEST MADHYA PRADESH	242%	410%	5%	-77%	9%
EAST MADHYA PRADESH	37%	320%	-29%	-30%	-19%
GUJARAT REGION	77%	114%	-27%	-93%	-28%
SAURASHTRA & KUTCH	96%	109%	6%	-84%	2%
KONKAN & GOA	517%	41%	-31%	-15%	-29%
MADHYA MAHARASHTRA	14%	99%	-33%	-40%	-28%
MARATHWADA	72%	176%	-40%	-76%	-35%
VIDARBHA	81%	247%	-11%	-91%	-8%
CHHATTISGARH	-23%	57%	-10%	-74%	-12%
COASTAL ANDHRA PRADESH	-88%	-32%	11%	-15%	-4%
RAYALASEEMA	-79%	92%	-10%	78%	24%
TELANGANA	8%	54%	-20%	-78%	-21%
TAMILNADU & PONDICHERRY	-66%	90%	-10%	52%	32%
COASTAL KARNATAKA	117%	14%	-26%	4%	-22%
N. I. KARNATAKA	-39%	45%	-30%	-53%	-26%
S. I. KARNATAKA	-56%	58%	-8%	17%	6%
KERALA	-64%	23%	-26%	27%	-11%
LAKSHADWEEP	-93%	-4%	-14%	66%	3%

Annual rainfall statistics for the year 2015 show that, 20 meteorological subdivisions remained in Normal and 12 in Deficient category of rainfall. The categorywise statistics and chart for seasonal distribution of no. of meteorological subdivisions have been given in Table 9 and Figure 10 respectively.

**Table 9: Categorywise number of Meteorological Subdivisions - seasonally and annually - Year 2015**

CATEGORY	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
EXCESS	9	26	1	5	4
NORMAL	9	9	19	5	20
DEFICIENT	12	1	16	8	12
SCANTY	6	0	0	18	0
NO RAIN	0	0	0	0	0
NO DATA	0	0	0	0	0



**Figure 10: Categorywise distribution of Meteorological Subdivisions – seasonally and annually – Year 2015**

Percent distribution of meteorological subdivisional area of the country under different categories in the four seasons and for the year has been depicted in Figure 11.

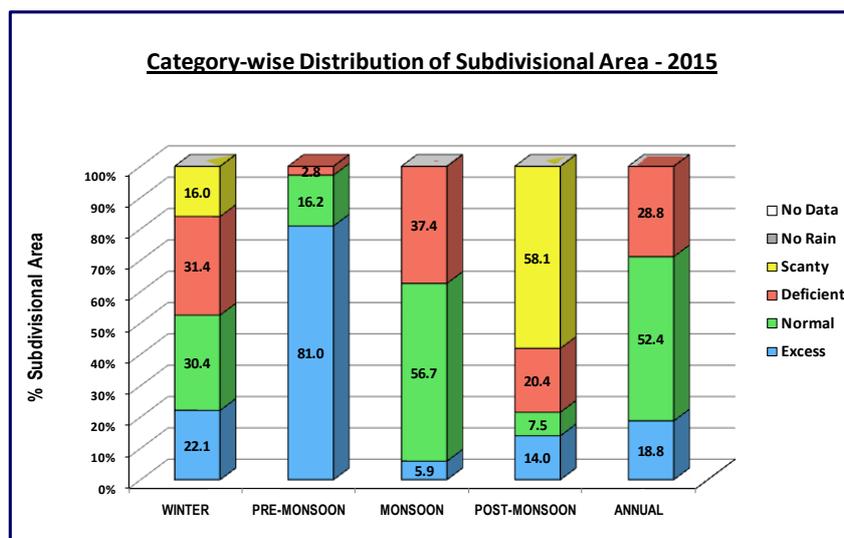


Figure 11: Categorywise distribution of Subdivisional Area – Year 2015

## SUBDIVISIONAL AREA (%) UNDER RAINFALL DEFICIENCY – SW Monsoon 2015

Area (%) of the 36 meteorological subdivisions of India under different categories of rainfall deficiency during SW monsoon (June-September) have been given below in tabular form in Table 10 and has been depicted in graphical form in Figure 12 as well. During South-West Monsoon season 2015, none of the 36 meteorological subdivisions recorded the rainfall that is less than 50% of its normal, with highest deficiency in rainfall of 47% in East Uttar Pradesh.

Table 10: Subdivisional Area (%) under Rainfall Deficiency - Monsoon 2015

Deficiency in Rainfall	% Area of Met. Subdivisions of India
< 26 % or No deficiency	68%
26 % or more but < 50 %	32%
50 % or more	0%

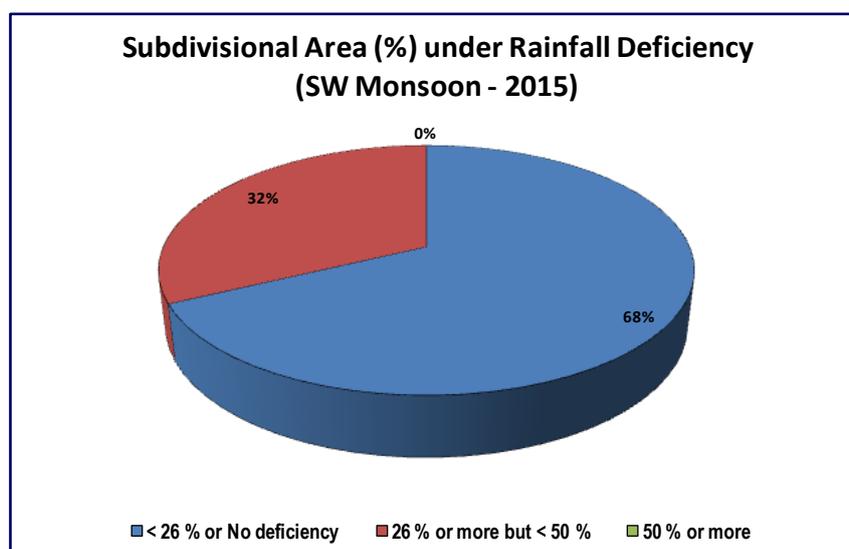


Figure 12: Subdivisional Area (%) under Rainfall Deficiency – SW Monsoon 2015

## SUBDIVISION-WISE ANNUAL & SEASONAL RAINFALL MAPS

Subdivisionwise rainfall maps depicting the observed and normal rainfall values alongwith their percentage departures from normals with defined colors for different categories are given below at Figure 13 through Figure 18.

Bold figures on the map are the normal rainfall values where as small figures indicate the actual rainfall. Percentage departures of rainfall are shown within the brackets.

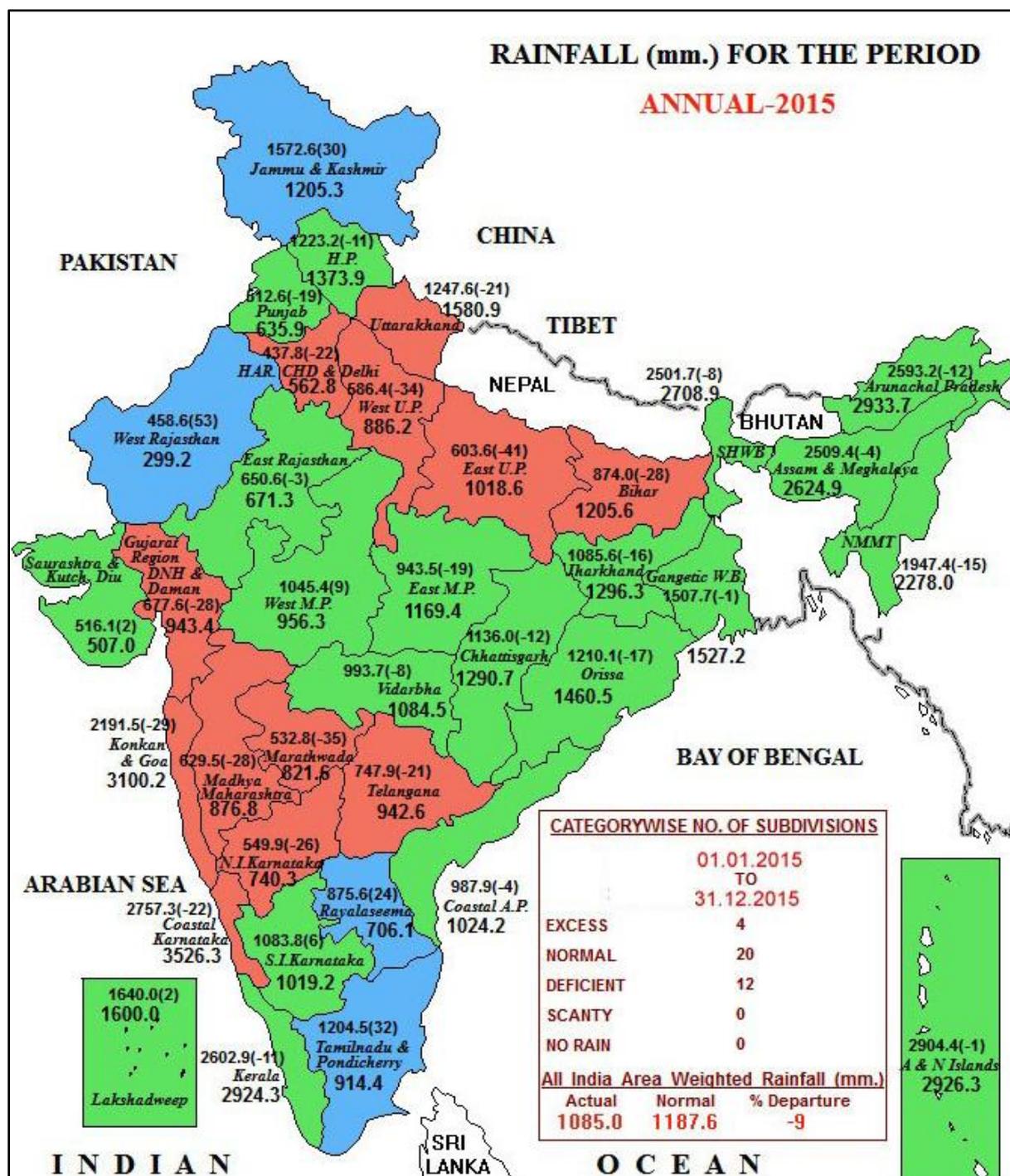


Figure 13: Annual Rainfall Map – 2015

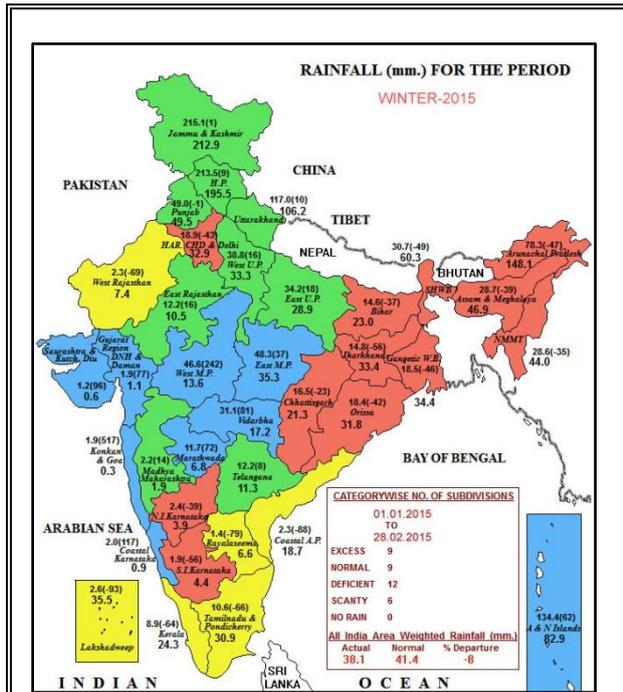


Figure 14: Winter Rainfall Map - 2015

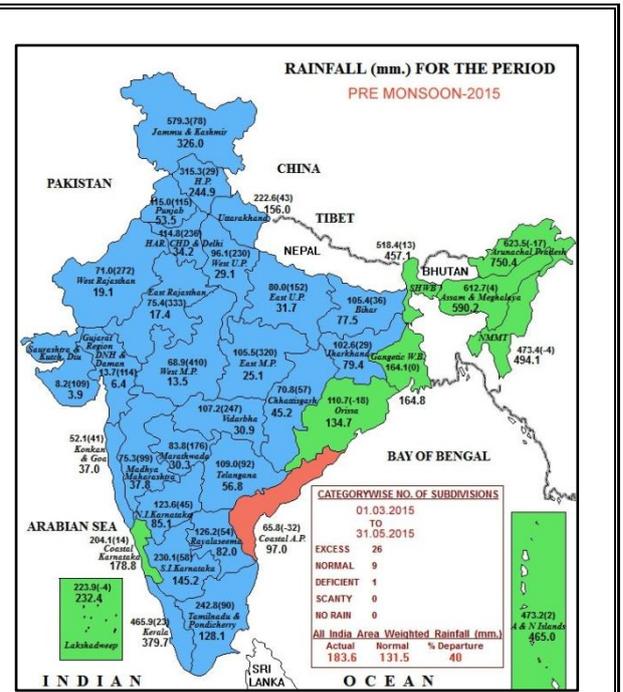


Figure 15: Pre-Monsoon Rainfall Map - 2015

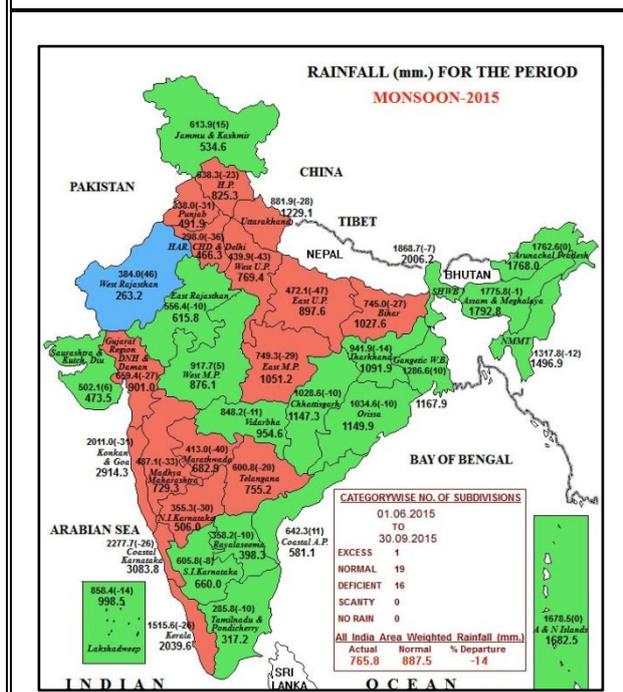


Figure 16: Monsoon Rainfall Map - 2015

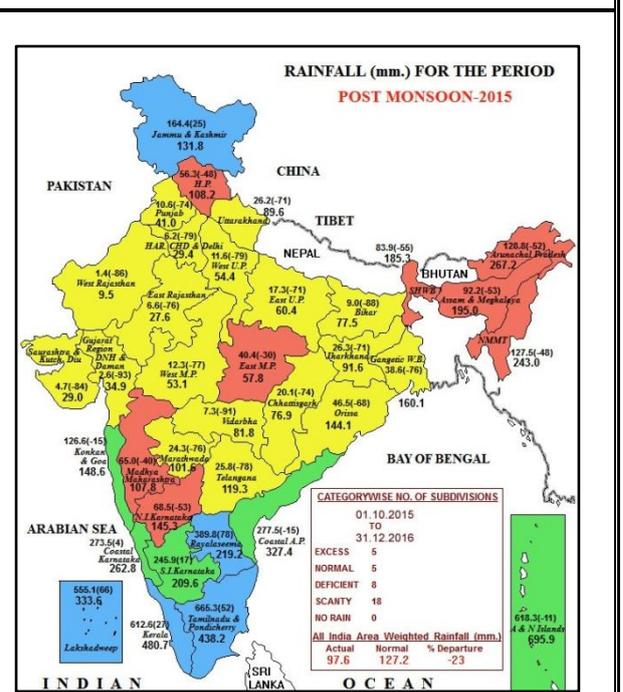


Figure 17: Post-Monsoon Rainfall Map - 2015

## SUBDIVISION-WISE MONTHLY RAINFALL STATISTICS

Subdivisionwise monthly observed and percentage departures of sub-divisional monthly rainfall from their normal rainfall have been given in [Table 11](#) and [Table 12](#) respectively.

**Table 11: Subdivision-wise monthly rainfall (mm) - Year 2015**

METEOROLOGICAL SUBDIVISIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A & N ISLAND	126.8	7.6	3.1	138.2	331.9	346.4	328.9	480.0	523.2	252.1	236.3	129.9
ARUNACHAL PRADESH	30.8	47.5	97.5	287.1	238.9	555.7	307.0	555.4	344.5	56.1	32.5	40.3
ASSAM & MEGHALAYA	13.5	15.3	36.8	248.4	327.4	571.9	319.1	599.0	285.8	63.9	13.1	15.1
N M M T	14.4	14.2	21.6	253.5	198.3	294.3	379.5	340.9	303.2	110.9	4.4	12.2
SHWB & SIKKIM	15.7	15.0	64.8	149.0	304.6	508.7	394.6	612.6	352.8	51.1	23.8	9.0
GANGETIC WEST BENGAL	13.3	5.1	18.2	88.4	57.5	247.3	622.0	260.7	156.6	30.9	2.1	5.7
ORISSA	15.1	3.3	10.4	67.6	32.6	238.7	294.8	264.0	237.0	24.7	6.2	15.6
JHARKHAND	12.2	2.6	21.6	55.5	25.5	182.3	429.1	245.5	85.0	22.3	0.2	3.8
BIHAR	12.8	1.8	27.2	38.7	39.5	123.8	231.3	288.3	101.7	8.9	0.0	0.0
EAST U.P.	30.1	4.1	48.3	23.2	8.5	95.3	179.1	175.8	21.9	11.9	0.5	5.0
WEST U.P.	31.9	6.9	66.4	21.4	8.3	74.0	194.4	144.8	26.6	6.7	2.1	2.8
UTTARAKHAND	54.4	62.5	127.3	57.3	38.0	187.0	337.0	305.3	52.6	16.6	2.3	7.2
HAR. CHD & DELHI	12.4	6.5	71.6	34.7	8.4	44.1	132.5	89.4	32.0	3.7	2.3	0.2
PUNJAB	17.7	31.3	68.5	29.8	16.7	48.7	131.6	88.6	69.2	9.2	0.8	0.7
HIMACHAL PRADESH	67.5	145.9	191.0	81.8	42.4	87.9	260.6	215.7	74.0	17.3	13.1	25.9
JAMMU & KASHMIR	27.9	187.2	341.4	173.3	64.6	121.4	233.2	129.2	130.2	87.2	37.9	39.3
WEST RAJASTHAN	1.4	0.9	30.3	25.2	15.5	53.2	234.6	60.5	35.7	1.3	0.1	0.0
EAST RAJASTHAN	12.1	0.1	56.0	15.9	3.5	96.3	297.1	142.9	20.1	4.7	1.1	0.9
WEST MADHYA PRADESH	40.2	6.4	53.5	13.3	2.0	157.1	428.2	276.8	55.6	10.9	0.3	1.0
EAST MADHYA PRADESH	37.3	11.0	73.4	25.8	6.3	139.2	262.2	276.3	71.6	38.3	1.2	0.9
GUJARAT REGION	1.9	0.0	6.7	5.9	1.0	136.3	381.3	40.7	101.0	2.2	0.4	0.0
SAURASHTRA & KUTCH	1.2	0.0	4.9	2.4	0.9	136.1	254.0	13.6	98.5	4.4	0.3	0.0
KONKAN & GOA	1.9	0.0	36.7	1.9	13.5	805.3	562.3	389.6	253.8	98.5	28.0	0.0
MADHYA MAHARASHTRA	1.4	0.8	41.2	9.6	24.4	167.8	105.6	67.2	146.6	48.6	16.4	0.1
MARATHWADA	10.2	1.6	32.0	39.6	12.3	119.0	27.4	112.2	154.3	19.5	4.8	0.0
VIDARBHA	26.3	4.7	66.3	28.1	12.8	254.6	137.2	288.9	167.5	7.0	0.0	0.2
CHHATTISGARH	15.6	0.9	20.5	36.7	13.6	274.3	249.5	287.8	216.9	18.0	0.6	1.5
COASTAL ANDHRA PRADESH	1.8	0.5	5.2	33.9	26.7	204.8	94.2	175.6	167.7	61.8	192.0	23.7
RAYALASEEMA	1.4	0.0	10.7	70.2	45.3	66.3	36.1	111.3	144.5	94.1	264.1	31.6
TELANGANA	12.2	0.0	30.0	56.4	22.6	216.1	79.2	151.4	154.2	22.1	2.3	1.4
TAMILNADU & PONDICHERRY	8.3	2.3	21.7	108.8	112.4	62.4	43.5	81.6	98.4	132.6	379.8	152.8
COASTAL KARNATAKA	1.5	0.5	30.5	50.8	122.8	715.9	773.5	519.8	268.5	164.1	102.1	7.3
N. I. KARNATAKA	2.4	0.0	27.6	50.8	45.3	89.4	38.4	77.6	149.9	61.2	5.6	1.8
S. I. KARNATAKA	1.7	0.2	24.3	80.5	125.3	207.8	98.0	136.6	163.4	105.1	136.4	4.4
KERALA	3.1	5.8	50.1	214.0	201.8	563.8	406.2	252.2	293.4	309.9	223.2	79.5
LAKSHADWEEP	2.2	0.5	3.7	87.1	133.1	296.7	257.5	146.7	157.5	165.4	230.7	159.0

It may be observed (Table 12) that in the month of October, only 1 meteorological subdivision i.e. Jammu & Kashmir was with Excess category of rainfall and 29 meteorological subdivisions out of the 36 remained in Deficient/Scanty category, rest six were in the Normal category of rainfall. Particularly, all the meteorological subdivisions of E & NE India and NW India (except J&K) remained Deficient or Scanty during October. East U.P., West U.P., Uttarakhand, Har. CHD & Delhi and Punjab continuously experienced deficient/ scanty rains or remained without any rains for last six months of the year. During the month of April, 33 met. Subdivisions remained in Excess category and only 1 met. Subdivision Konkan & Goa was with Deficient category. No subdivision was in Scanty/No Rain category of rainfall during the month of April.

**Table 12: % Departures of subdi vision-wise monthly rainfall - Year 2015**

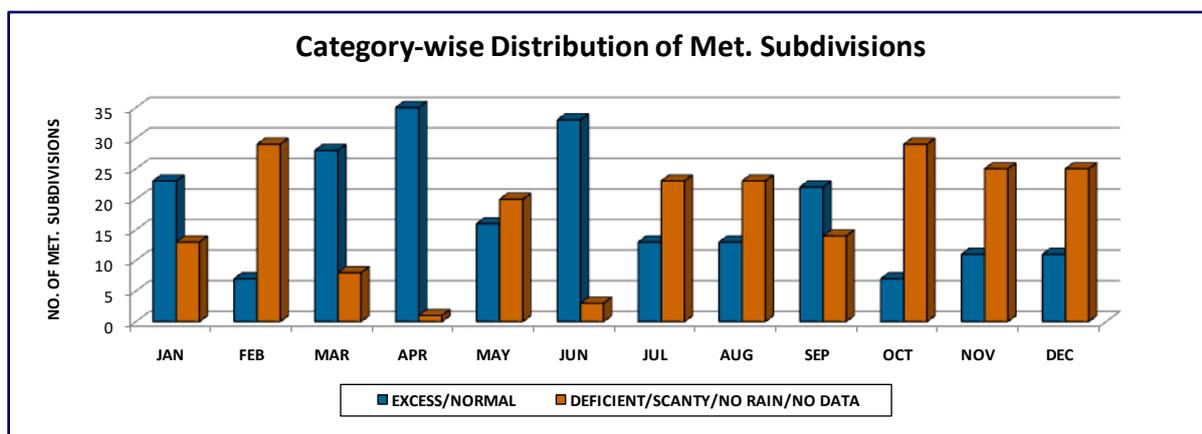
METEOROLOGICAL SUBDIVISIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A & N ISLAND	136%	-74%	-88%	70%	-7%	-21%	-19%	19%	21%	-15%	-7%	-11%
ARUNACHAL PRADESH	-39%	-52%	-46%	3%	-18%	11%	-43%	54%	-7%	-69%	-29%	5%
ASSAM & MEGHALAYA	-18%	-50%	-53%	37%	-1%	14%	-42%	46%	-12%	-59%	-54%	28%
N M M T	5%	-53%	-72%	70%	-26%	-29%	-9%	-10%	5%	-38%	-91%	-3%
SHWB & SIKKIM	-41%	-56%	2%	20%	13%	5%	-36%	24%	-14%	-67%	17%	-17%
GANGETIC WEST BENGAL	-1%	-76%	-35%	110%	-39%	1%	88%	-17%	-44%	-76%	-91%	-24%
ORISSA	40%	-84%	-61%	80%	-54%	11%	-13%	-27%	0%	-78%	-78%	226%
JHARKHAND	-24%	-85%	26%	201%	-42%	-8%	28%	-22%	-65%	-70%	-98%	-42%
BIHAR	-4%	-82%	169%	137%	-23%	-27%	-33%	-1%	-55%	-86%	-99%	-100%
EAST U.P.	79%	-66%	430%	314%	-50%	-12%	-40%	-40%	-89%	-76%	-90%	-26%
WEST U.P.	75%	-54%	488%	365%	-37%	4%	-25%	-50%	-82%	-84%	-56%	-63%
UTTARAKHAND	4%	16%	121%	72%	-42%	11%	-21%	-28%	-75%	-72%	-76%	-66%
HAR. CHD & DELHI	-31%	-57%	464%	363%	-40%	-4%	-20%	-49%	-61%	-79%	-53%	-97%
PUNJAB	-30%	29%	171%	139%	6%	10%	-29%	-48%	-24%	-58%	-87%	-95%
HIMACHAL PRADESH	-31%	49%	67%	25%	-35%	-8%	-15%	-24%	-47%	-59%	-35%	-43%
JAMMU & KASHMIR	-71%	60%	125%	78%	-16%	89%	21%	-31%	41%	124%	15%	-34%
WEST RAJASTHAN	-53%	-80%	697%	501%	39%	78%	128%	-32%	-14%	-76%	-98%	-100%
EAST RAJASTHAN	115%	-98%	1414%	449%	-68%	54%	32%	-37%	-80%	-72%	-86%	-74%
WEST MADHYA PRADESH	373%	25%	1064%	566%	-71%	49%	47%	-10%	-67%	-68%	-97%	-86%
EAST MADHYA PRADESH	87%	-28%	488%	369%	-12%	4%	-25%	-25%	-64%	2%	-88%	-91%
GUJARAT REGION	144%	-100%	572%	1879%	-80%	5%	13%	-85%	-36%	-91%	-96%	-99%
SAURASHTRA & KUTCH	195%	-100%	312%	1078%	-66%	58%	35%	-89%	32%	-76%	-97%	-100%
KONKAN & GOA	1751%	-100%	366645%	-29%	-61%	15%	-49%	-49%	-26%	-19%	26%	-100%
MADHYA MAHARASHTRA	28%	-5%	1427%	8%	-7%	15%	-56%	-64%	-4%	-38%	-28%	-99%
MARATHWADA	167%	-48%	461%	509%	-32%	-17%	-85%	-40%	-6%	-73%	-77%	-100%
VIDARBHA	158%	-33%	452%	265%	15%	52%	-56%	-6%	-1%	-88%	-99%	-98%
CHHATTISGARH	45%	-91%	54%	166%	-25%	50%	-34%	-23%	1%	-71%	-93%	-73%
COASTAL ANDHRA PRADESH	-79%	-95%	-54%	56%	-58%	97%	-41%	11%	5%	-68%	80%	-14%
RAYALASEEMA	-53%	-100%	65%	253%	-19%	-2%	-62%	8%	9%	-27%	299%	33%
TELANGANA	110%	-100%	220%	242%	-27%	59%	-67%	-31%	-5%	-76%	-89%	-74%
TAMILNADU & PONDICHERRY	-53%	-83%	18%	157%	66%	36%	-36%	-7%	-15%	-26%	123%	74%
COASTAL KARNATAKA	111%	137%	644%	81%	-16%	-17%	-33%	-31%	-11%	-13%	71%	-47%
N. I. KARNATAKA	8%	-100%	430%	98%	-17%	-15%	-72%	-36%	3%	-45%	-79%	-71%
S. I. KARNATAKA	22%	-92%	186%	84%	35%	47%	-55%	-15%	16%	-29%	177%	-66%
KERALA	-65%	-63%	65%	95%	-16%	-13%	-44%	-40%	20%	6%	48%	112%
LAKSHADWEEP	-90%	-97%	-69%	78%	-22%	-10%	-11%	-33%	-3%	5%	96%	170%

The statistics and chart for monthly distribution of no. of meteorological subdivisions in different categories are given below in Table 13 and Figure 18 respectively.

It may be observed that in the month of October, 29 met. sub-divisions remained in Deficient/Scanty rainfall category, where as in the month of April, 35 met. sub-divisions out of 36 remained in Excess/Normal rainfall category.

**Table 13: Categorywise monthly number of meteorological subdivisions - Year 2015**

CATEGORY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
EXCESS	17	5	26	33	3	11	7	3	4	1	8	6
NORMAL	6	2	2	2	13	22	6	10	18	6	3	5
DEFICIENT	9	9	4	1	15	3	19	20	6	9	6	6
SCANTY	4	14	4	0	5	0	4	3	8	20	19	14
NO RAIN	0	6	0	0	0	0	0	0	0	0	0	5
NO DATA	0	0	0	0	0	0	0	0	0	0	0	0



**Figure 18: Categorywise distribution of Meteorological Subdivisions – Monthly - Year 2015**

## SUBDIVISION-WISE MONTHLY RAINFALL MAPS

Subdivision-wise rainfall maps depicting the monthly observed and normal rainfall, percent departures from the normal rainfall shaded with category-wise defined colors have been given at Figure 19 through Figure 30. Bold figures on the map are the normal rainfall values where as small figures indicate the actual rainfall. Percentage departures of rainfall are shown within the brackets.

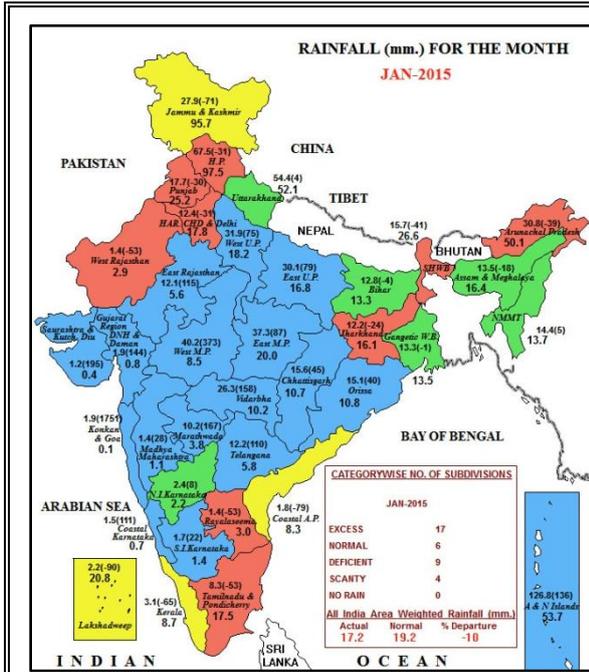


Figure 19: Rainfall map – January 2015

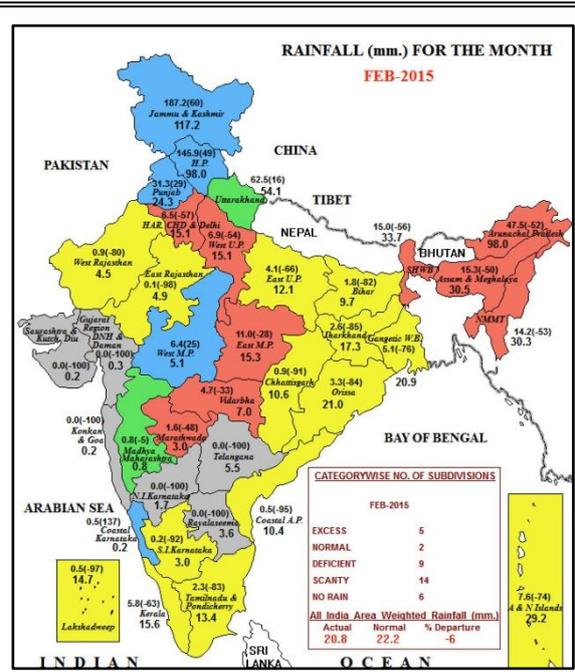


Figure 20: Rainfall map - February 2015

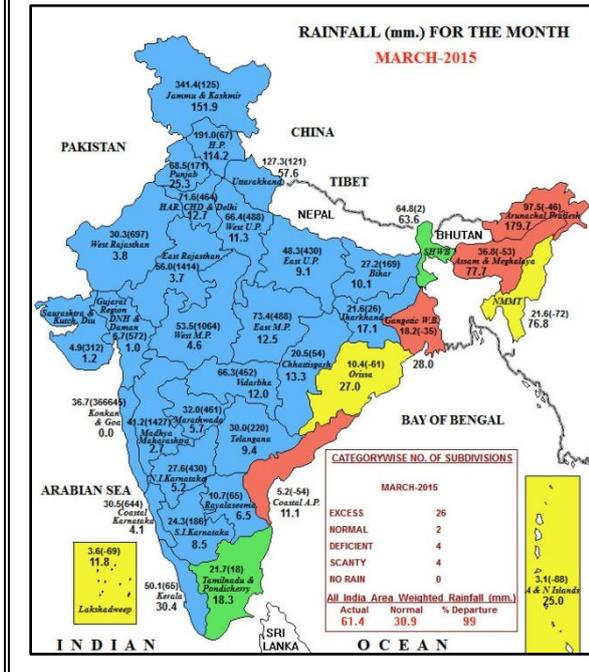


Figure 21: Rainfall map - March 2015

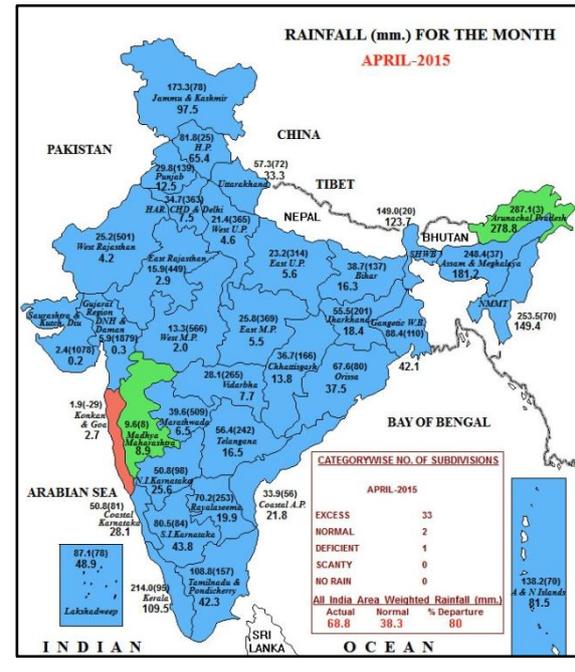


Figure 22: Rainfall map - April 2015

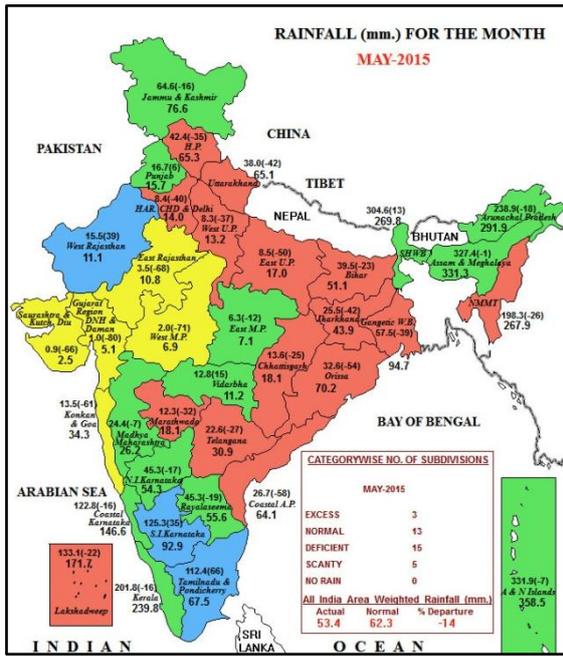


Figure 23: Rainfall map - May 2015

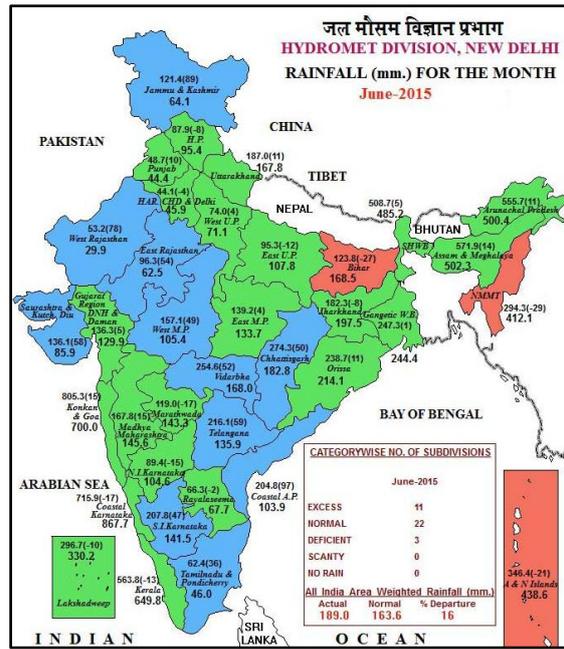


Figure 24: Rainfall map - June 2015

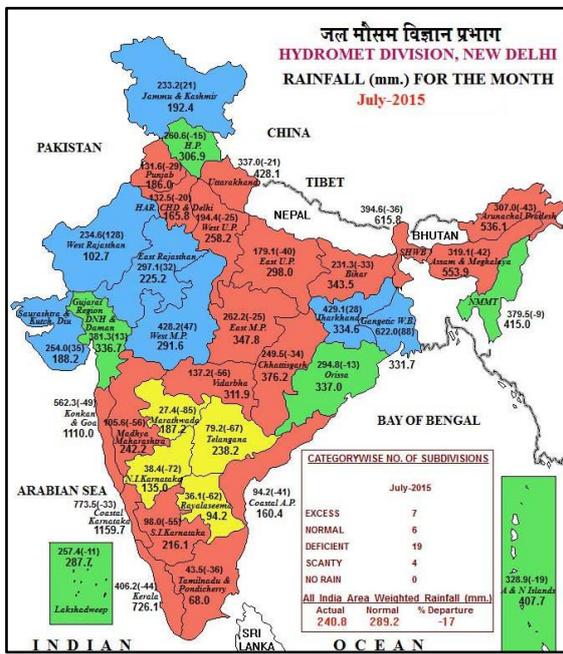


Figure 25: Rainfall map - July 2015

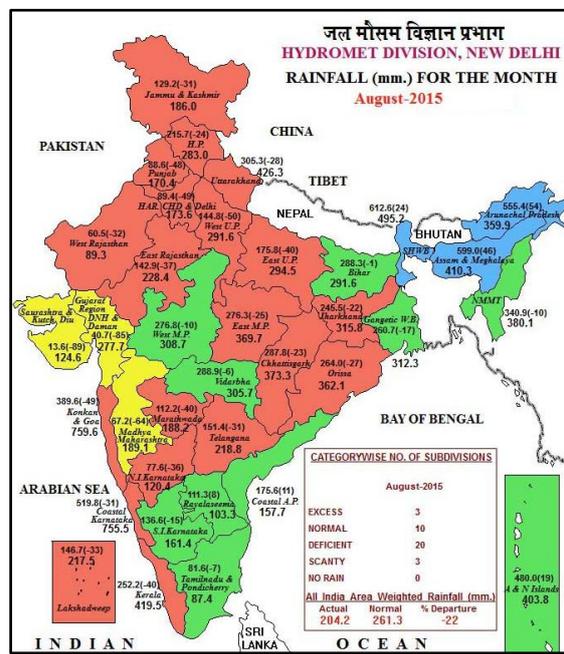


Figure 26: Rainfall map - August 2015

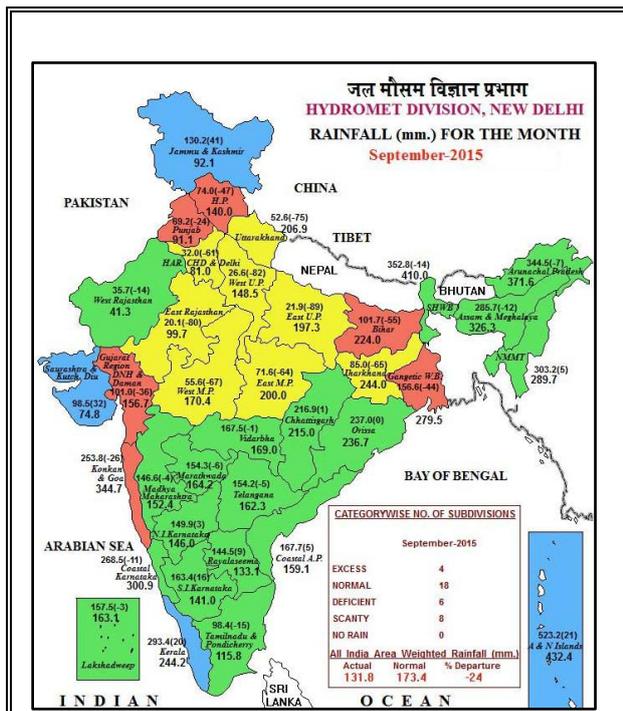


Figure 27: Rainfall map - September 2015

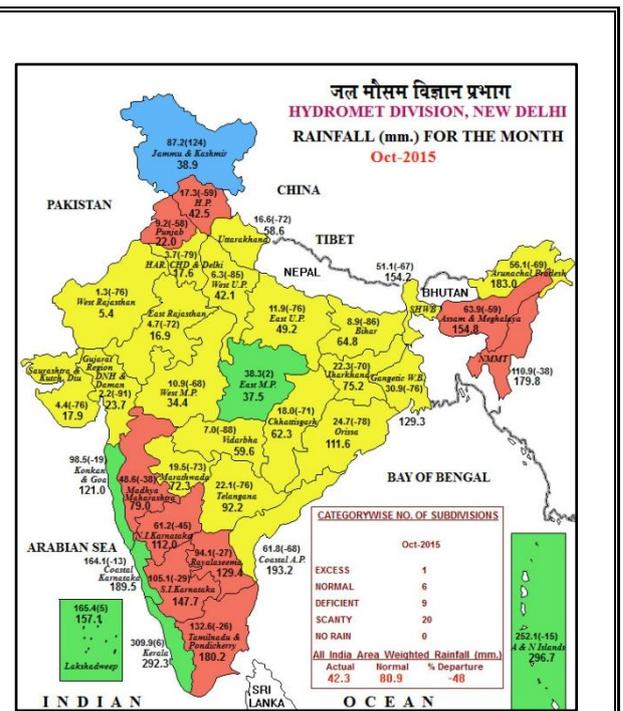


Figure 28: Rainfall map - October 2015

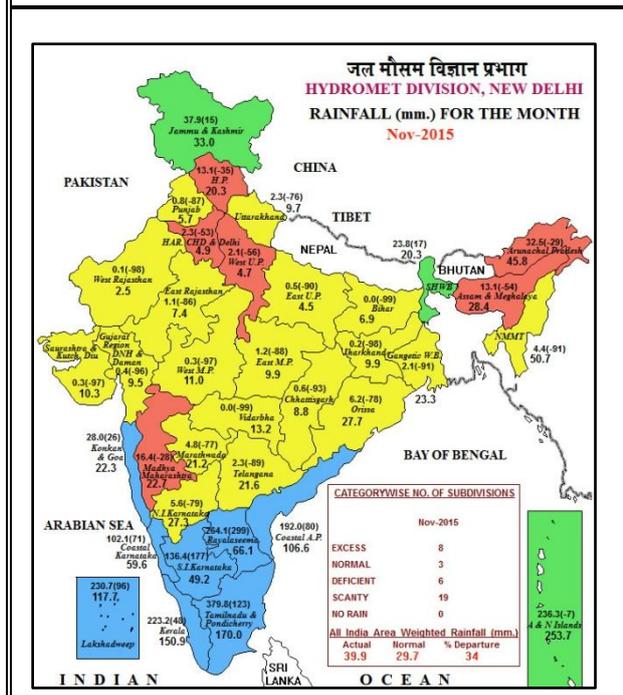


Figure 29: Rainfall map - November 2015

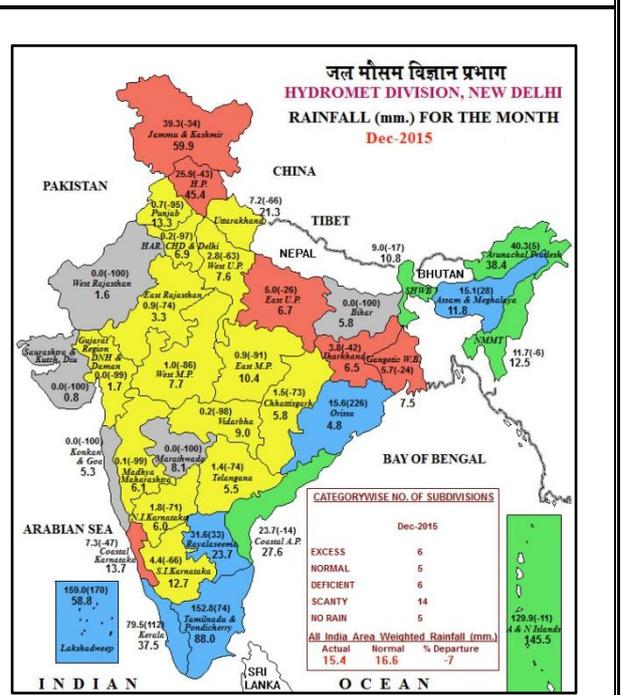


Figure 30: Rainfall map - December 2015

## SUBDIVISION-WISE DAILY RAINFALL DISTRIBUTION – SW MONSOON 2015

Daily observed rainfall distributions for each of the 36 subdivisions along with their daily rainfall normals, region-wise, have been depicted in Figure 31 through Figure 66. It can be seen from

the temporal distribution of rainfall that the Subdivisions, East U. P and Uttarakhand experienced a long and continuous duration of rainfall deficiency from about last week of August to 3<sup>rd</sup> week of September. This duration was prolonged in respect of West U. P., HAR, CHD & Delhi, Punjab, Himachal Pradesh, J &K, East and West Rajasthan, East and West M.P., and it started even in 2<sup>nd</sup> or 3<sup>rd</sup> week of August. Such deficiency in rainfall was even worse in case of Gujarat region and Saurashtra & Kutch where there were two long and continuous such durations, from about last week of June to last week of July and another one of more than about one and half month from 31<sup>st</sup> July onwards. Konkan & Goa and Madhya Maharashtra also experienced rainfall deficiency from 3<sup>rd</sup> week of June to 3<sup>rd</sup> week of July. The situation was more severe in case of Marathwada where this duration prolonged and extended up to 1<sup>st</sup> week of August.

## REGION: NORTH WEST INDIA

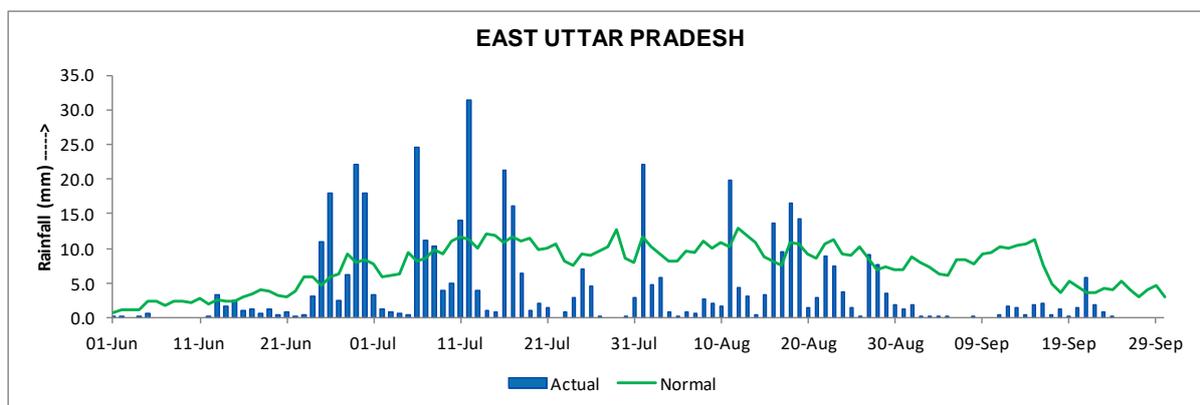


Figure 31: East Uttar Pradesh - Rainfall Distribution - SW Monsoon 2015

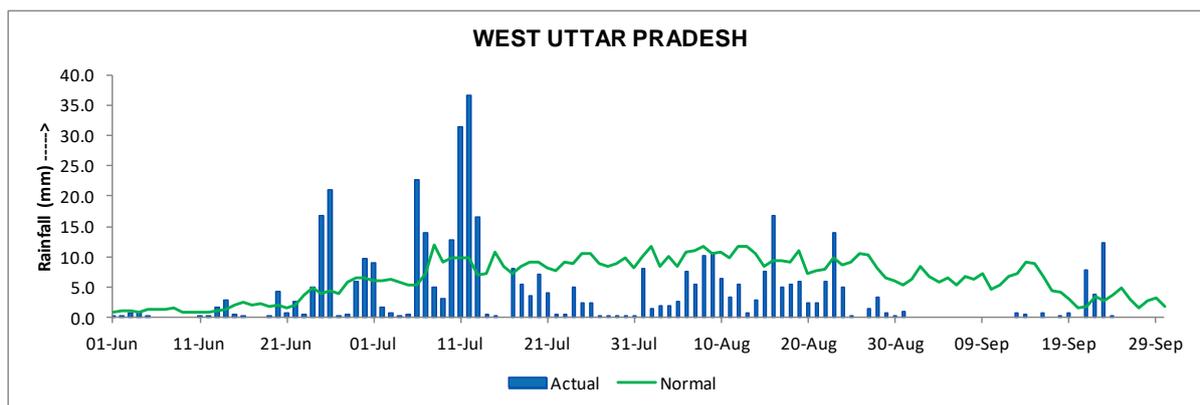
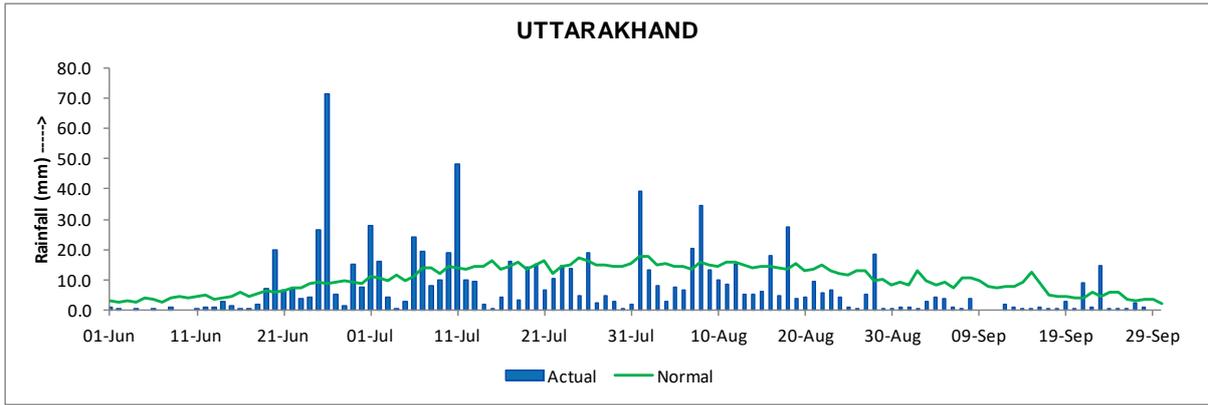
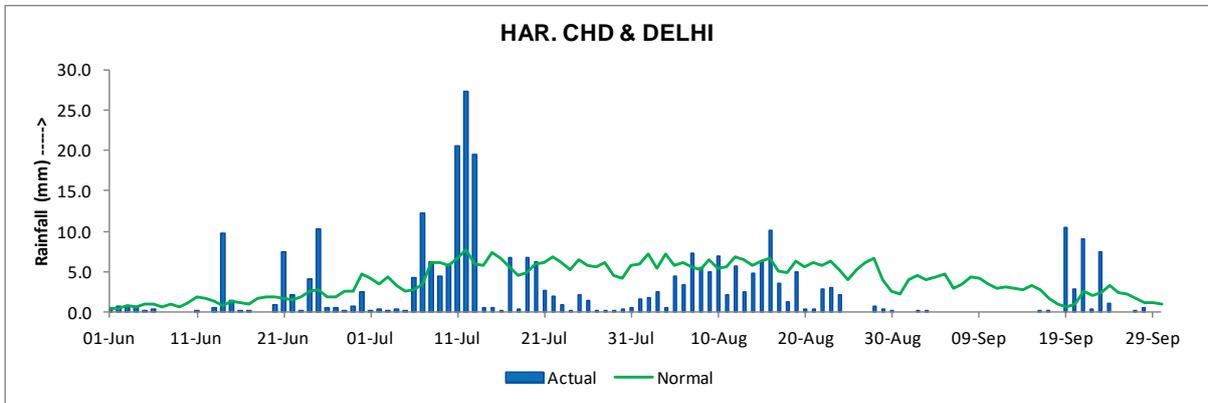


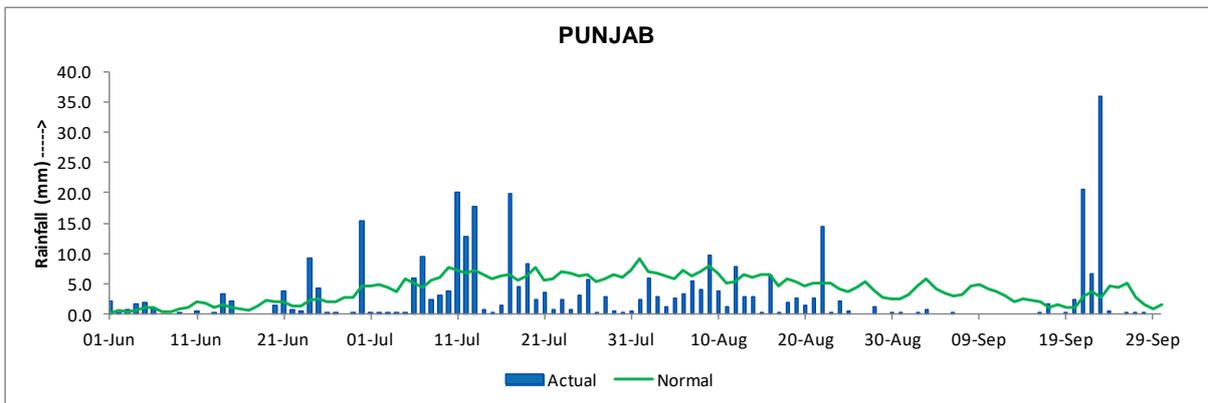
Figure 32: West Uttar Pradesh - Rainfall Distribution - SW Monsoon 2015



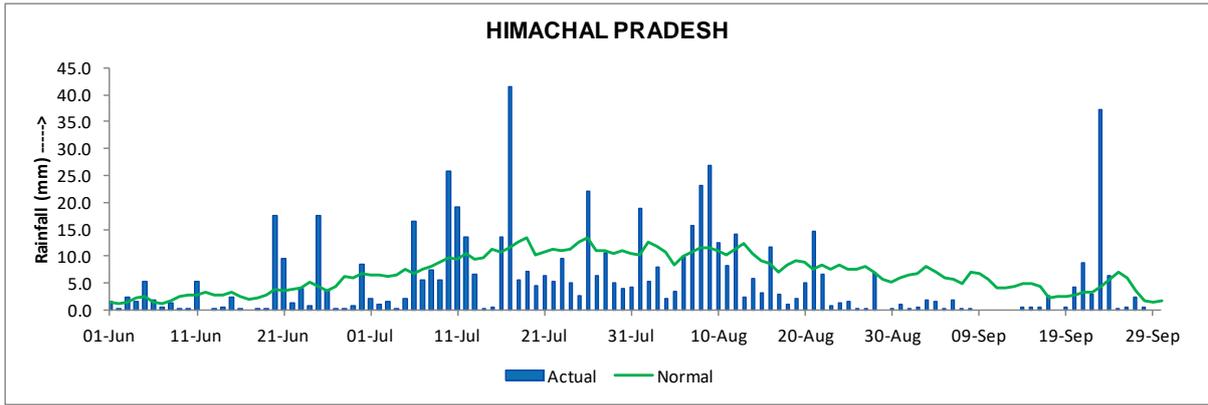
**Figure 33: Uttarakhand - Rainfall Distribution - SW Monsoon 2015**



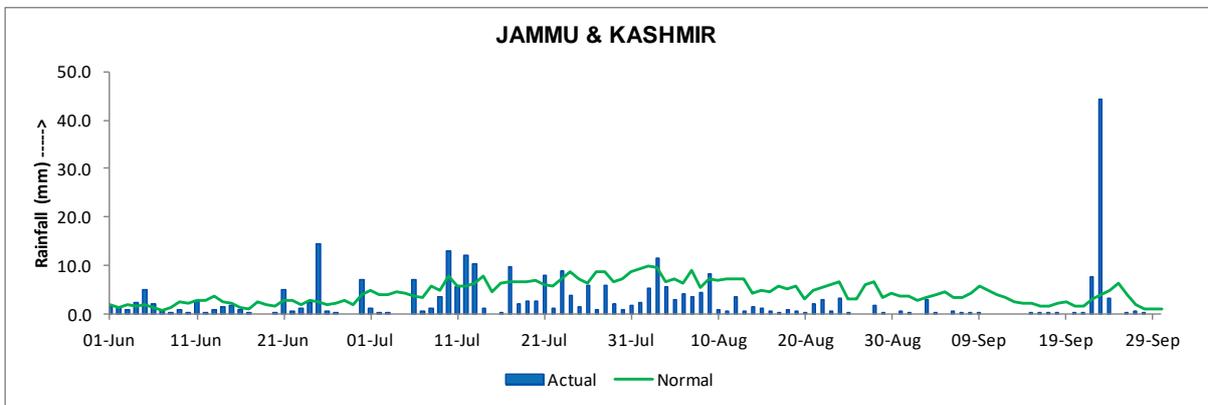
**Figure 34: Haryana, Chandigarh & Delhi - Rainfall Distribution - SW Monsoon 2015**



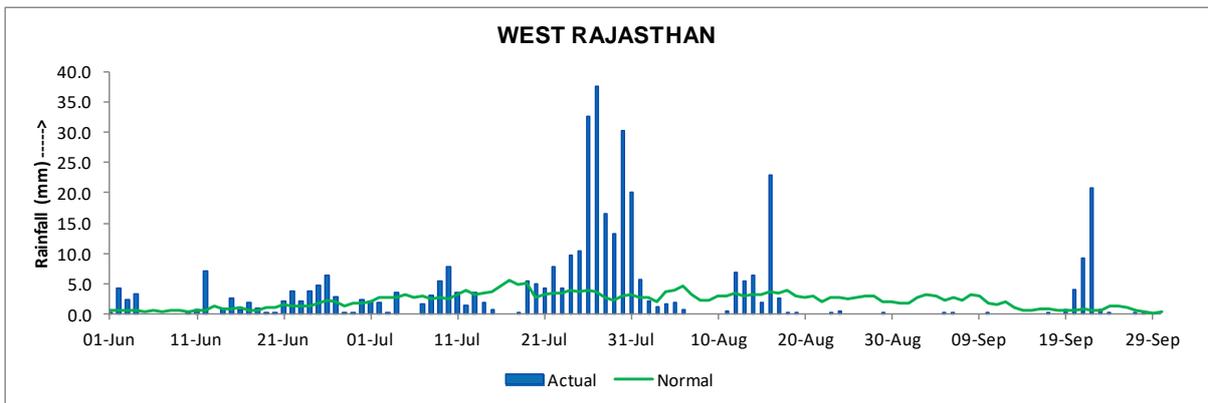
**Figure 35: Punjab - Rainfall Distribution - SW Monsoon 2015**



**Figure 36: Himachal Pradesh - Rainfall Distribution - S W Monsoon 2015**



**Figure 37: Jammu & Kashmir - Rainfall Distribution - S W Monsoon 2015**



**Figure 38: West Rajasthan - Rainfall Distribution - S W Monsoon 2015**

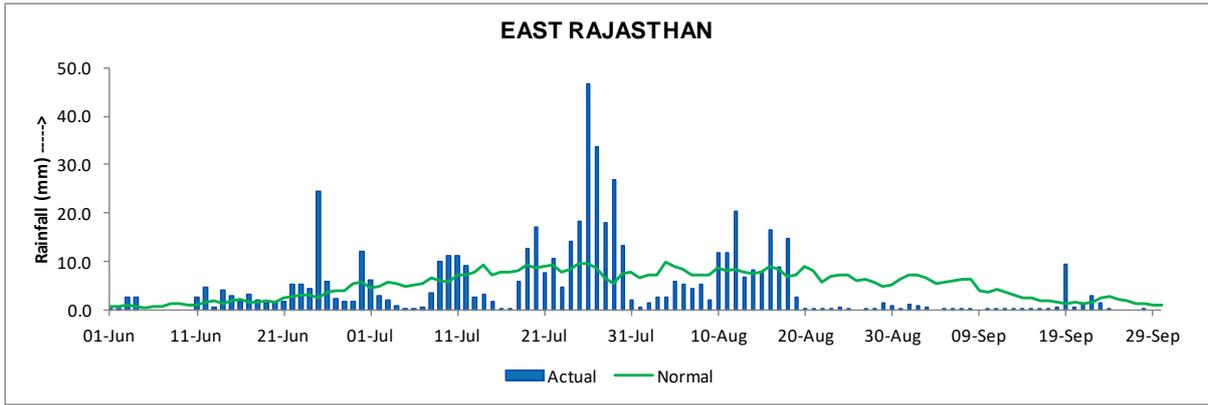


Figure 39: East Rajasthan - Rainfall Distribution - SW Monsoon 2015

**REGION: CENTRAL INDIA**

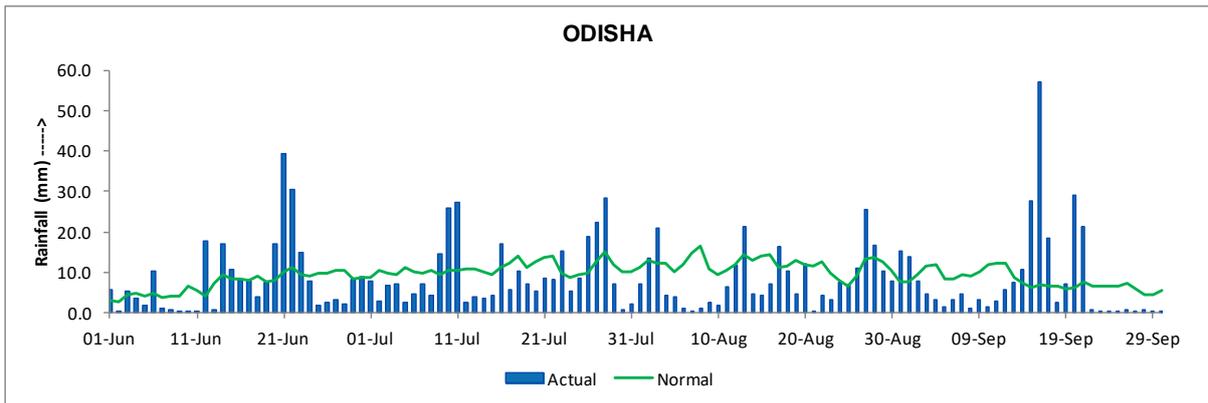


Figure 40: Odisha - Rainfall Distribution - SW Monsoon 2015

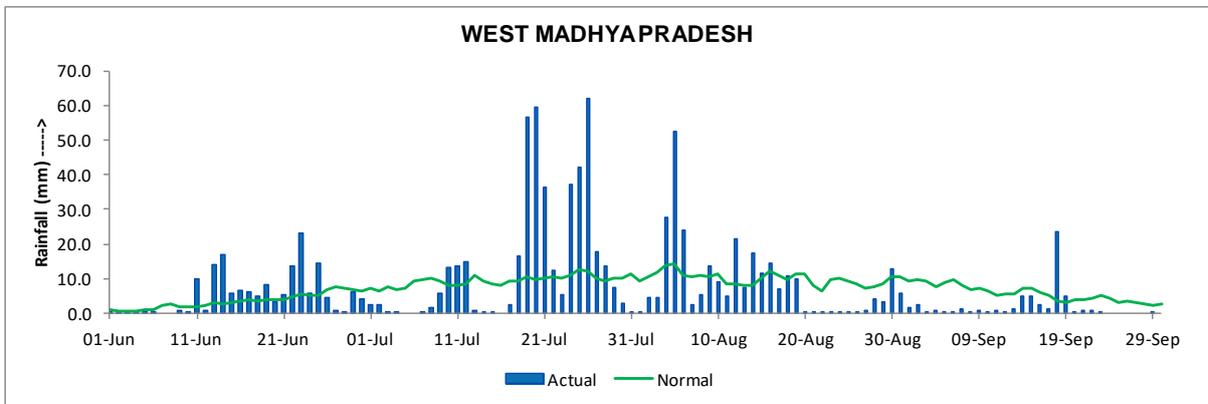
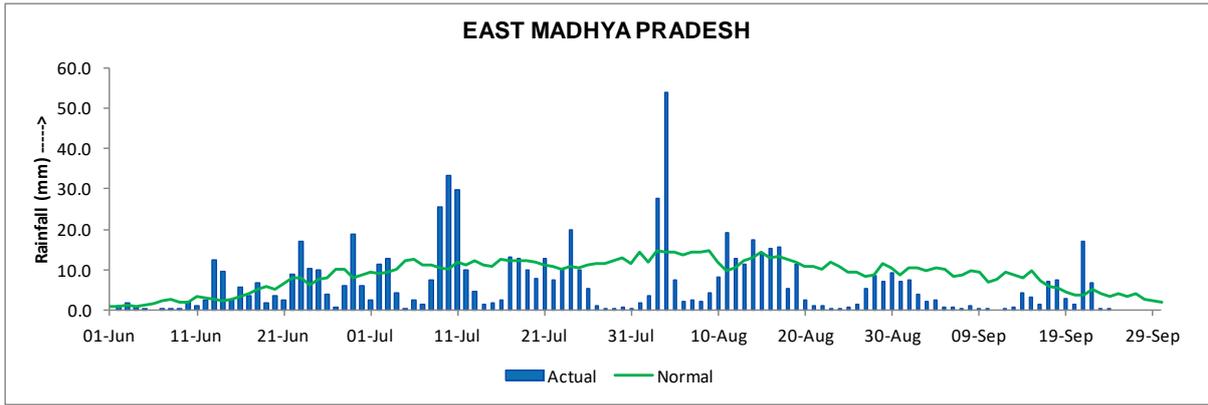
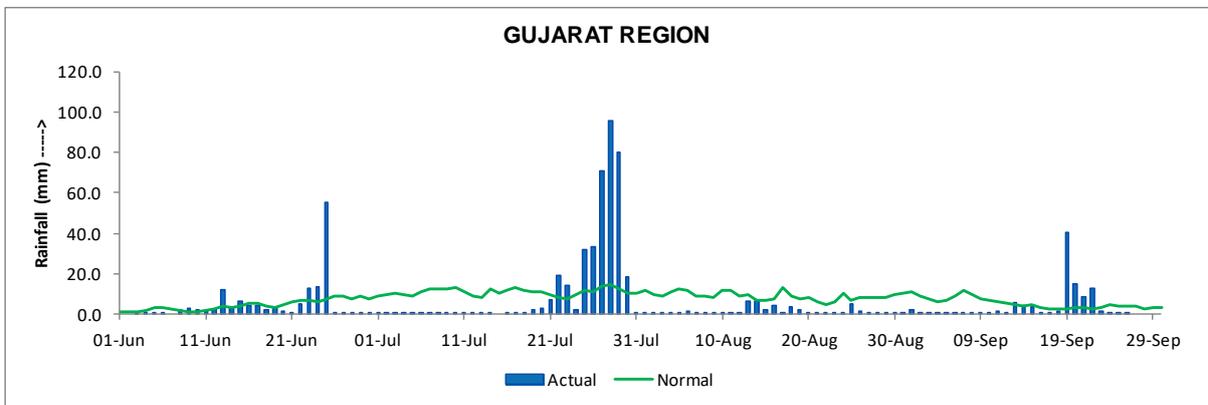


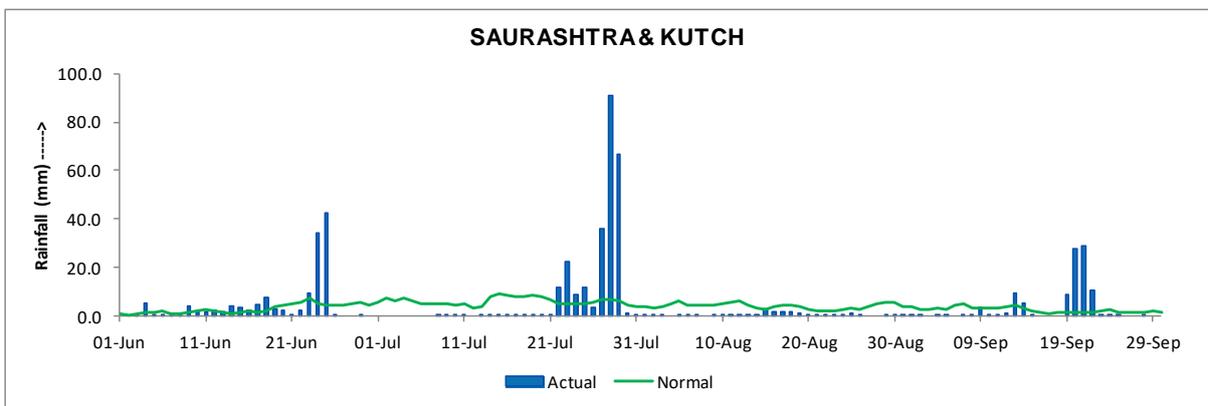
Figure 41: West Madhya Pradesh - Rainfall Distribution - SW Monsoon 2015



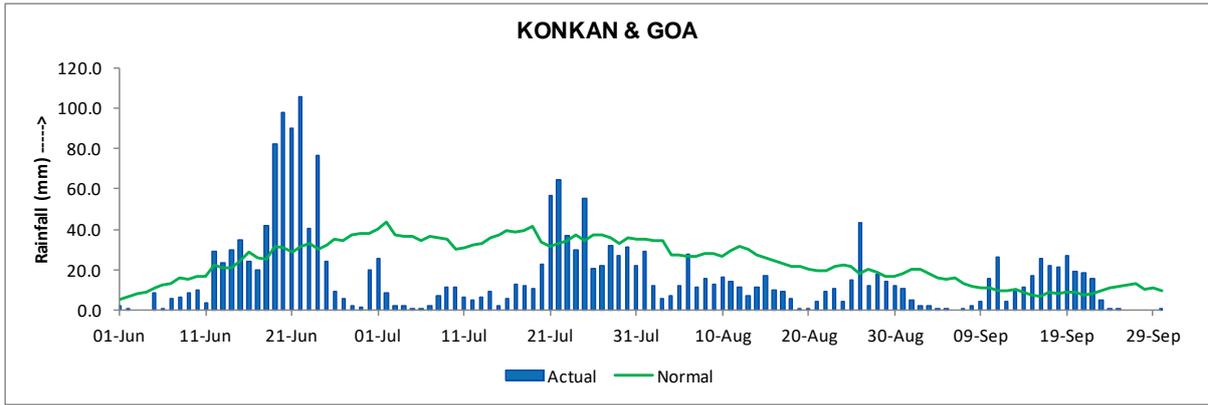
**Figure 42: East Madhya Pradesh - Rainfall Distribution - SW Monsoon 2015**



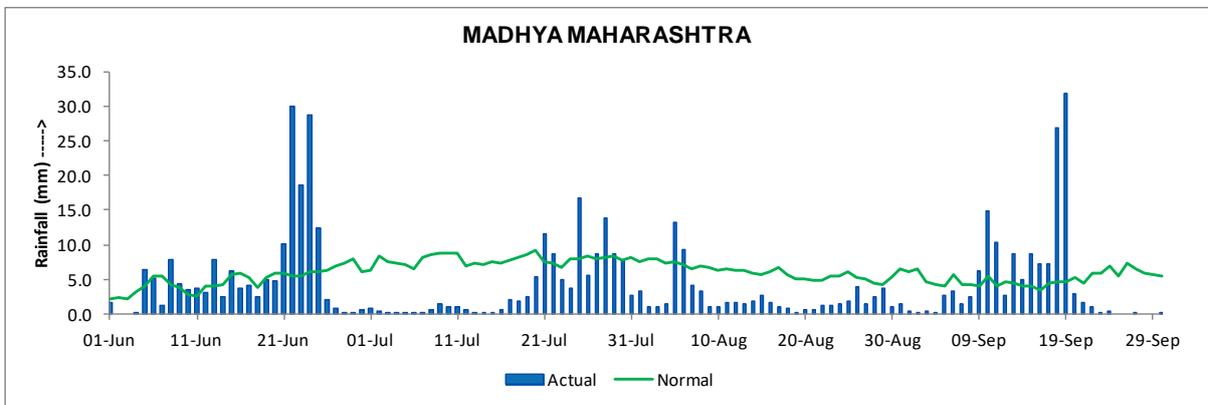
**Figure 43: Gujarat Region - Rainfall Distribution - SW Monsoon 2015**



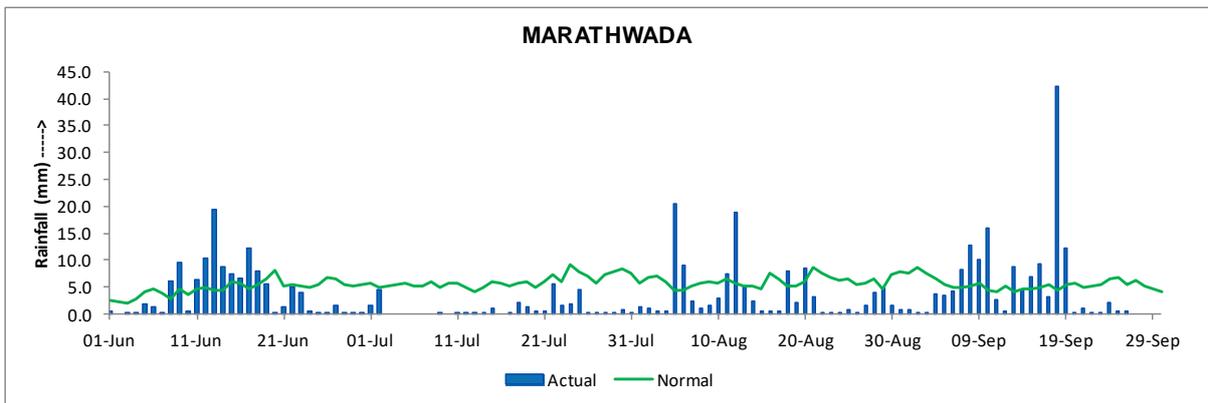
**Figure 44: Saurashtra & Kutch - Rainfall Distribution - SW Monsoon 2015**



**Figure 45: Konkan & Goa - Rainfall Distribution - S W Monsoon 2015**



**Figure 46: Madhya Maharashtra - Rainfall Distribution - S W Monsoon 2015**



**Figure 47: Marathwada - Rainfall Distribution - S W Monsoon 2015**

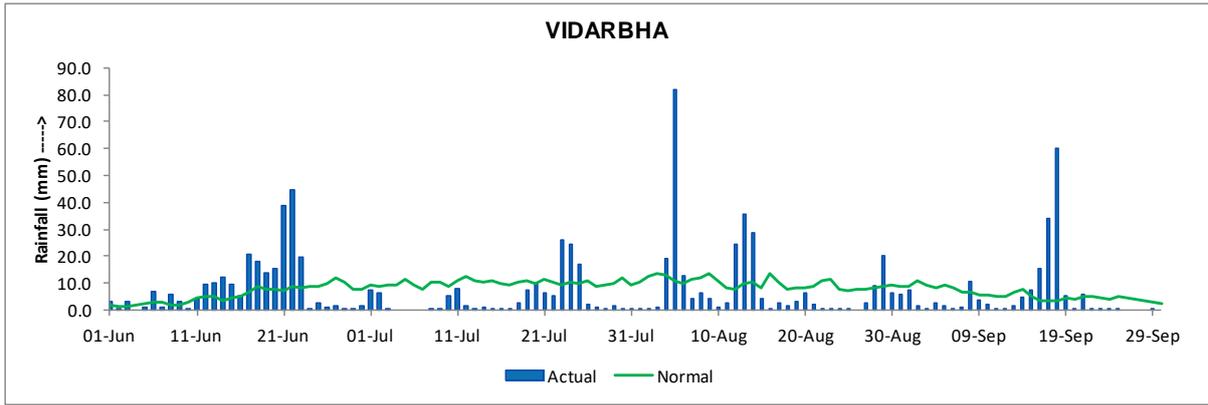


Figure 48: Vidarbha - Rainfall Distribution - SW Monsoon 2015

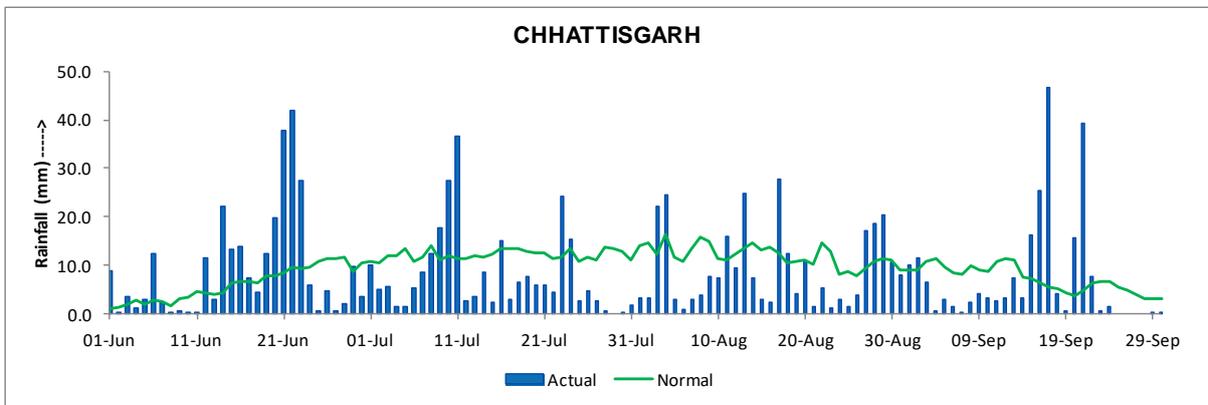


Figure 49: Chhattisgarh - Rainfall Distribution - SW Monsoon 2015

**REGION: SOUTH PENINSULA**

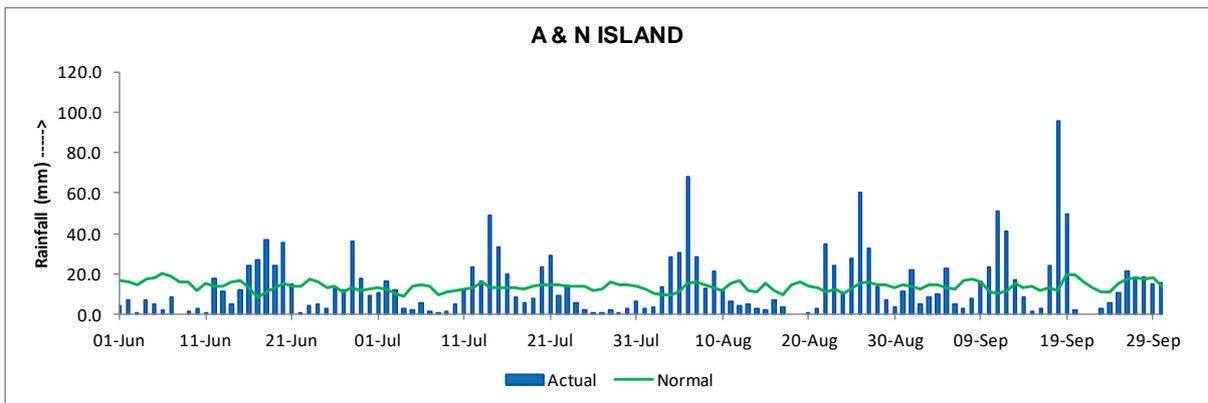
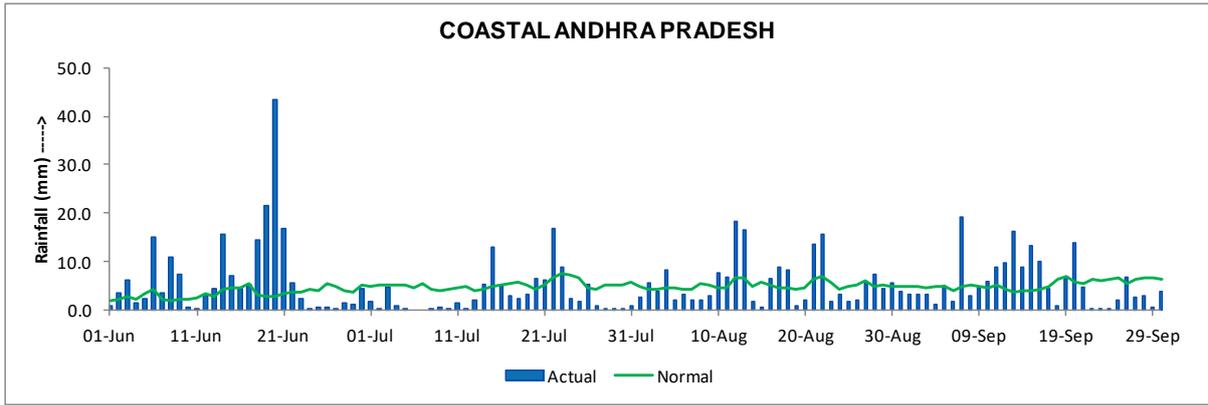
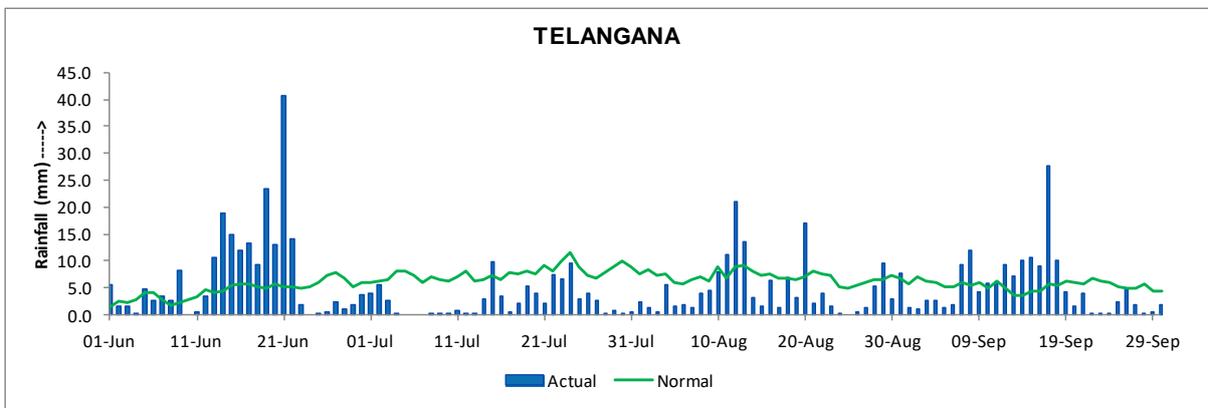


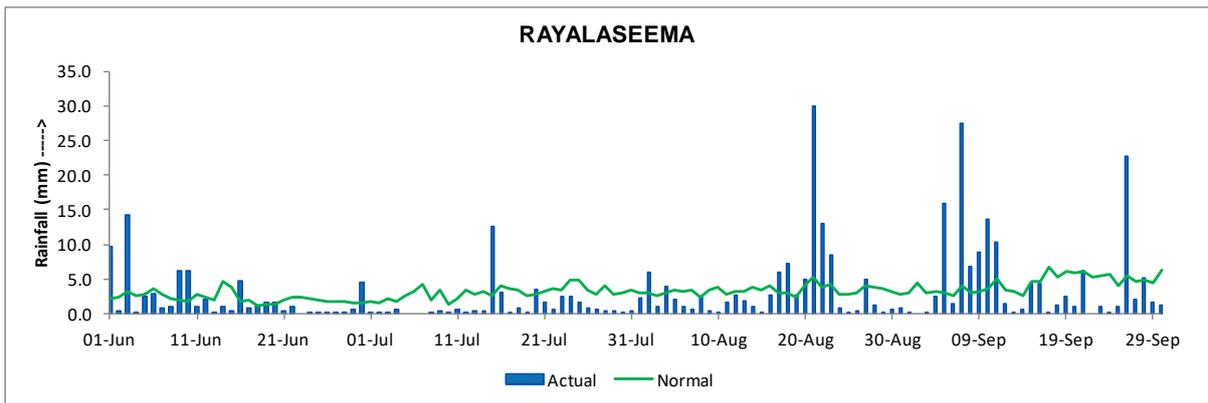
Figure 50: Andaman & Nicobar Islands - Rainfall Distribution - SW Monsoon 2015



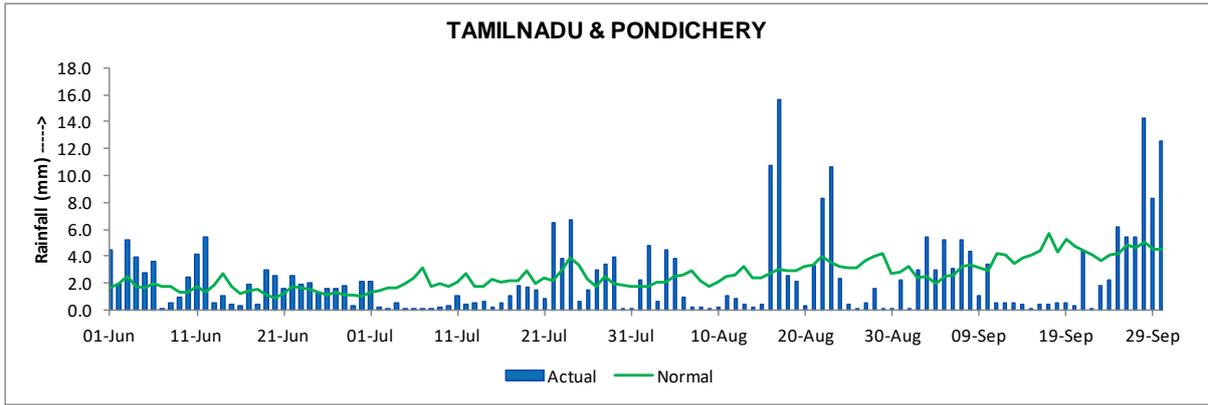
**Figure 51: Coastal Andhra Pradesh - Rainfall Distribution - SW Monsoon 2015**



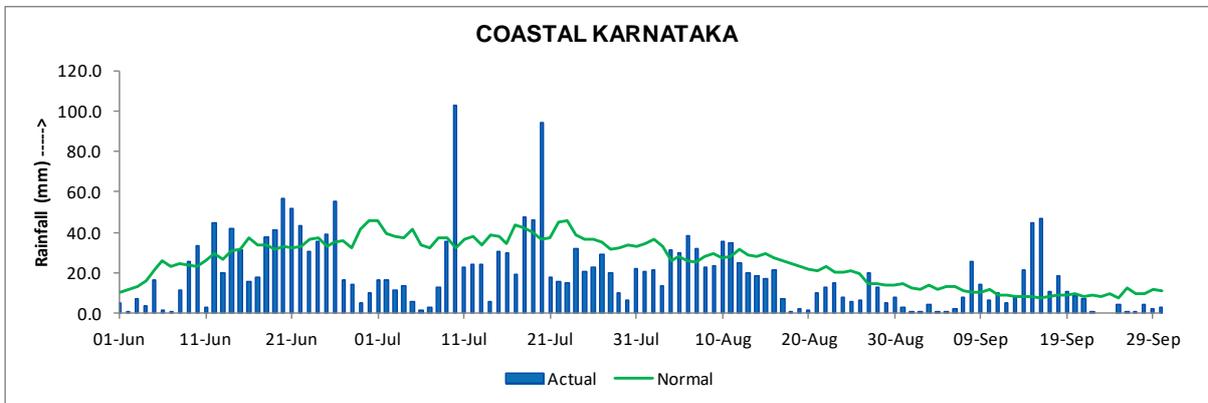
**Figure 52: Telangana - Rainfall Distribution - SW Monsoon 2015**



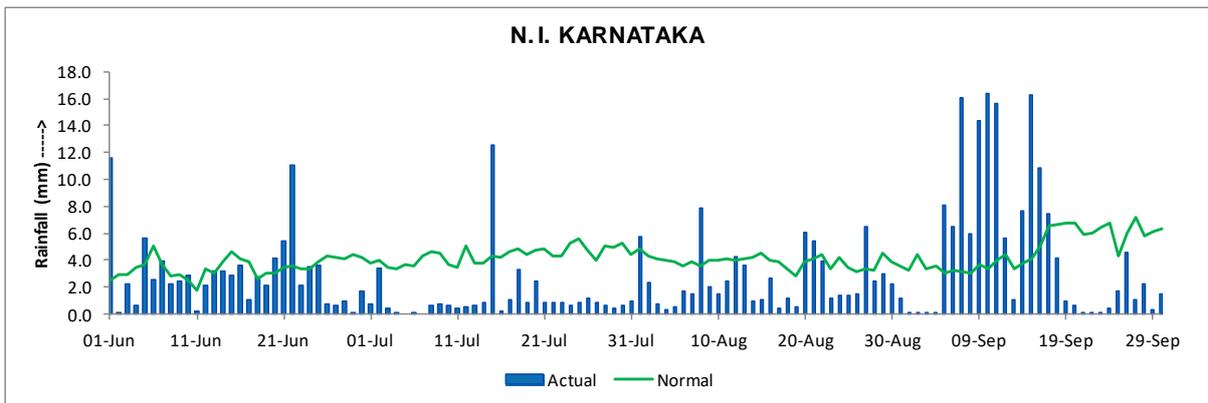
**Figure 53: Rayalaseema - Rainfall Distribution - SW Monsoon 2015**



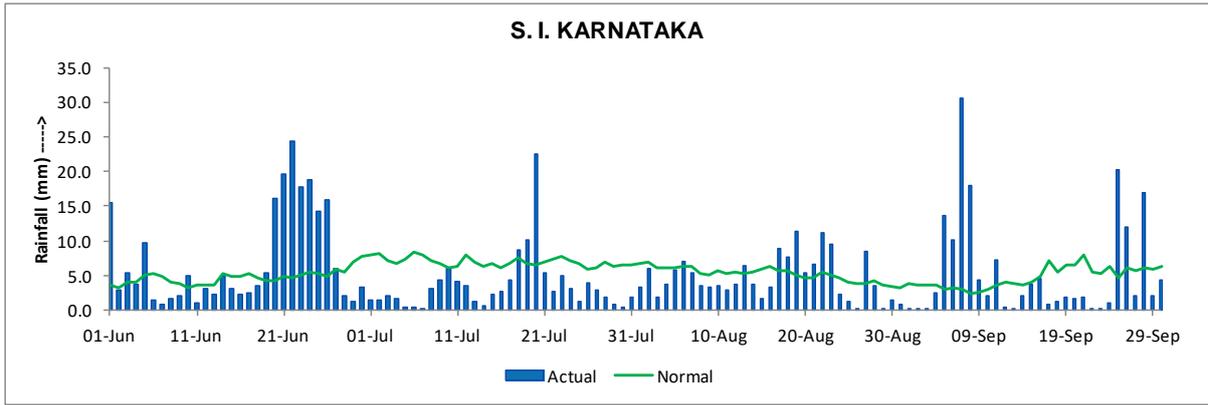
**Figure 54: Tamilnadu & Pondichery - Rainfall Distribution - SW Monsoon 2015**



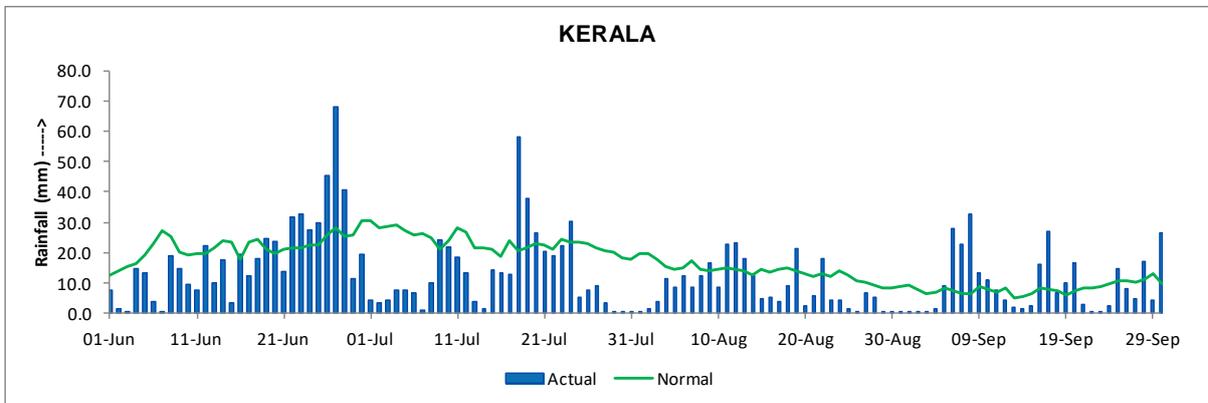
**Figure 55: Coastal Karnataka - Rainfall Distribution - SW Monsoon 2015**



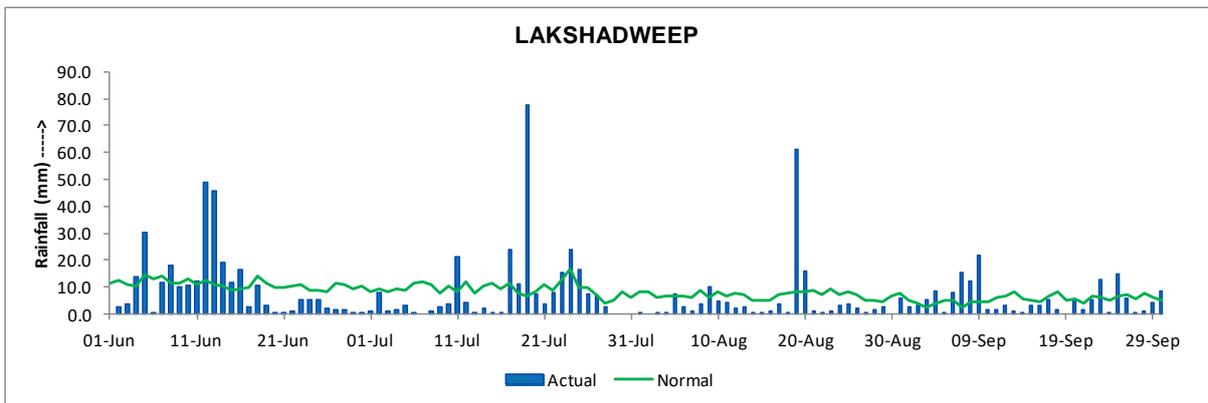
**Figure 56: North Interior Karnataka - Rainfall Distribution - SW Monsoon 2015**



**Figure 57: South Interior Karnataka - Rainfall Distribution - SW Monsoon 2015**

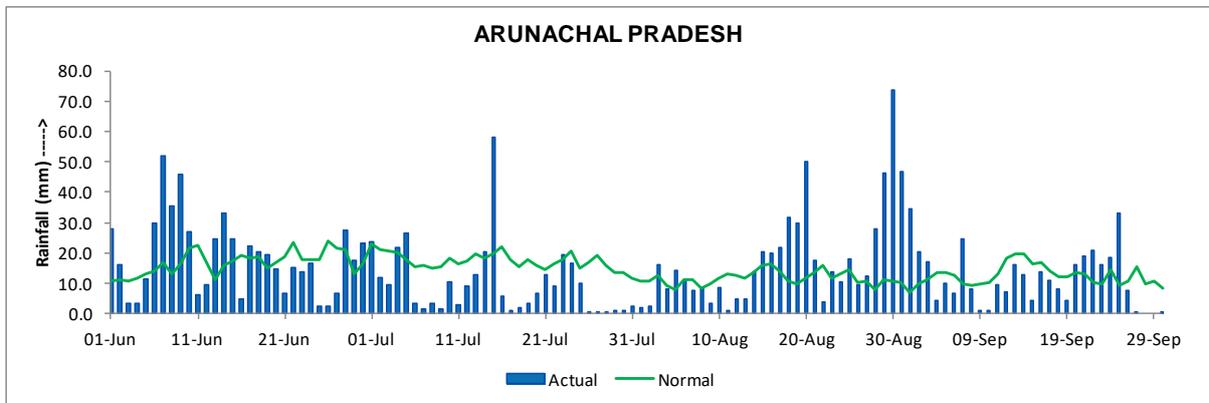


**Figure 58: Kerala - Rainfall Distribution - SW Monsoon 2015**

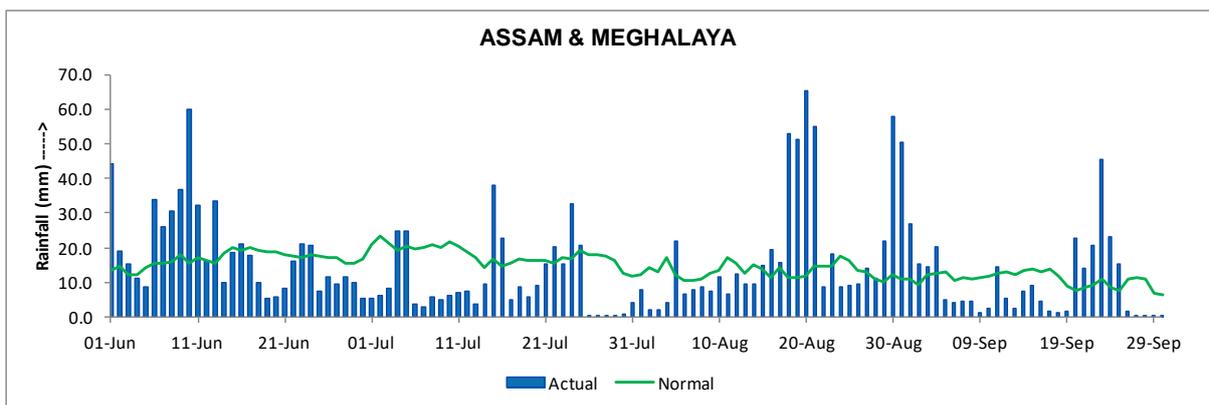


**Figure 59: Lakshadweep - Rainfall Distribution - SW Monsoon 2015**

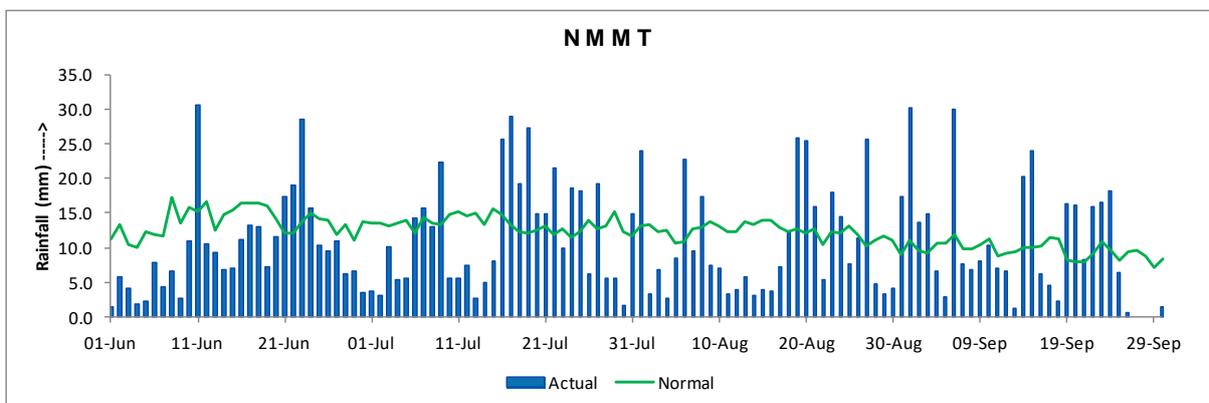
**REGION: EAST & NORTH EAST INDIA**



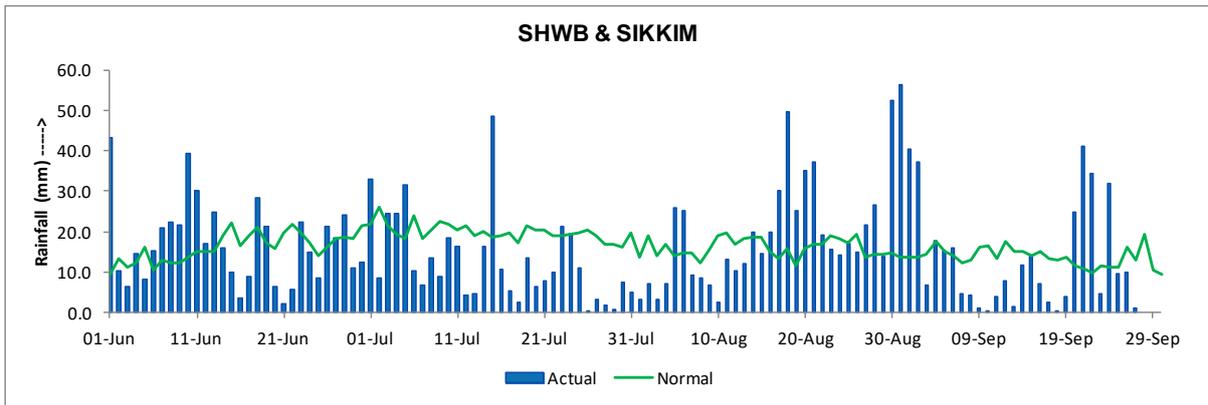
**Figure 60: Arunachal Pradesh - Rainfall Distribution - SW Monsoon 2015**



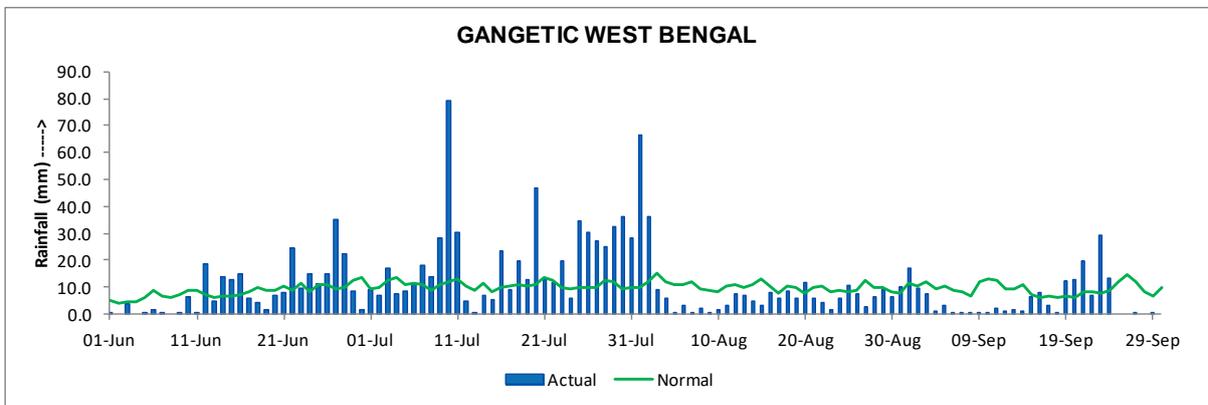
**Figure 61: Assam & Meghalaya - Rainfall Distribution - SW Monsoon 2015**



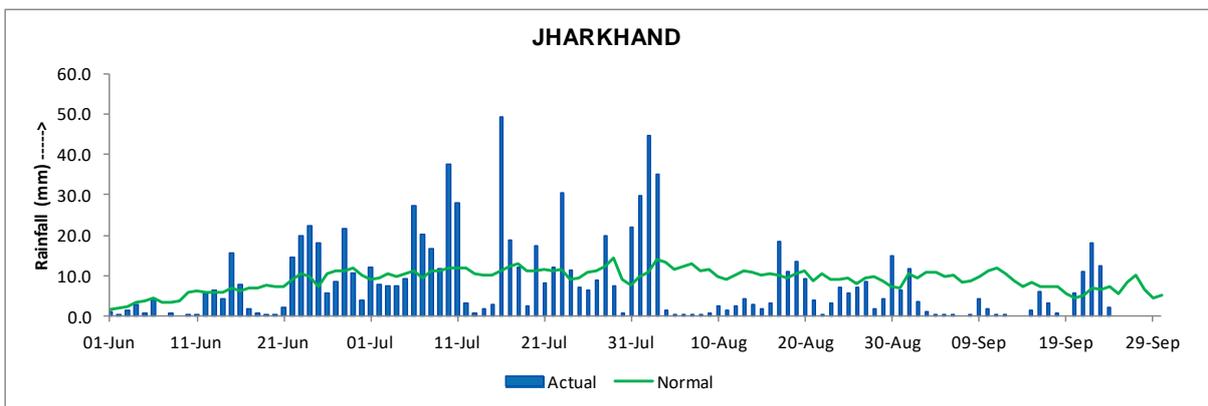
**Figure 62: N M M T - Rainfall Distribution - SW Monsoon 2015**



**Figure 63: Sub Himalayan West Bengal & Sikkim - Rainfall Distribution - SW Monsoon 2015**



**Figure 64: Gangetic West Bengal - Rainfall Distribution - SW Monsoon 2015**



**Figure 65: Jharkhand - Rainfall Distribution - SW Monsoon 2015**

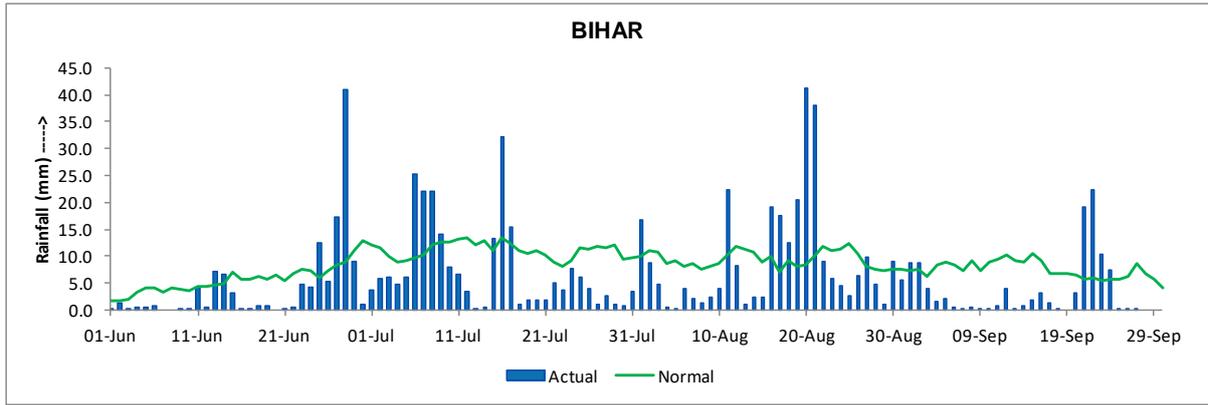


Figure 66: Bihar - Rainfall Distribution - S W Monsoon 2015

## STATE-WISE SEASONAL & ANNUAL RAINFALL STATISTICS

Statewise seasonal and annual observed rainfall, and its percentage departures from normal rainfall for the states have been given in Table 14 and Table 15 respectively. It may be observed that during 2015, highest rainfall of 3870.8 mm was received at Meghalaya and the lowest rainfall of 426.8 mm was received at Haryana. However, on comparing with Normal rainfall, it may be seen that, Puducherry was with the highest departure in rainfall of 42% from its normal where as Daman & Diu (UT) remained with highest deficiency of 64% of its normal rainfall. Meghalaya recorded departure of 1% in rainfall and Haryana remained at 23% deficiency in rainfall.

Table 14: State-wise Seasonal and Annual Rainfall (mm) - Year 2015

STATES / UTs	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
A & N ISLAND(UT)	134.4	473.2	1678.5	618.3	2904.4
ARUNACHAL PRADESH	78.3	623.5	1762.6	128.8	2593.2
ASSAM	24.6	566.5	1472.7	91.4	2155.3
MEGHALAYA	43.9	791.0	2870.4	96.3	3870.8
NAGALAND	55.8	313.1	836.2	121.8	1308.3
MANIPUR	24.2	310.1	903.1	84.3	1329.1
MIZORAM	21.1	451.3	1833.1	154.2	2310.8
TRIPURA	21.1	706.8	1495.1	111.4	2334.4
SIKKIM	42.9	763.8	1980.2	162.2	2949.1
WEST BENGAL	20.5	231.7	1421.0	42.7	1717.0
ODISHA	18.4	110.7	1034.6	46.5	1210.1
JHARKHAND	14.8	102.6	941.9	26.3	1085.6
BIHAR	14.6	105.4	745.0	9.0	874.0
UTTAR PRADESH	36.0	86.4	459.3	15.1	596.7
UTTARAKHAND	117.0	222.6	881.9	26.2	1247.6
HARYANA	18.7	113.9	287.9	6.3	426.8
CHANDIGARH(UT)	91.9	158.8	548.3	18.1	817.1
DELHI	19.6	138.0	598.5	1.6	757.7
PUNJAB	49.0	115.0	338.0	10.6	512.6
HIMACHAL PRADESH	213.5	315.3	638.3	56.3	1223.2

STATES / UTs	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
JAMMU & KASHMIR	215.1	579.3	613.9	164.4	1572.6
RAJASTHAN	6.6	72.9	460.3	3.7	543.6
MADHYA PRADESH	47.3	84.9	843.8	24.6	1000.7
GUJARAT	1.5	10.6	568.5	3.7	584.3
DADRA & NAGAR HAVELI (UT)			1667.4		
DAMAN & DIU(UT)	0.2	5.8	882.5	0.0	637.1
GOA	3.6	103.8	2353.1	126.5	2587.1
MAHARASHTRA	13.8	84.7	733.0	44.2	875.7
CHHATISGARH	16.5	70.8	1028.6	20.1	1136.0
ANDHRA PRADESH	1.9	91.2	522.9	324.7	940.7
TELANGANA	12.2	109.0	600.8	25.8	747.9
TAMILNADU	10.6	242.9	286.0	662.4	1201.9
PONDICHERRY(UT)	16.3	229.5	269.5	1465.4	1980.6
KARNATAKA	2.1	183.3	664.7	174.8	1024.9
KERALA	8.9	465.9	1515.6	612.6	2602.9
LAKSHADWEEP(UT)	2.6	223.9	858.4	555.1	1640.0

It may be observed (Table 15) that the states of Nagaland, Manipur, Bihar, Haryana and Daman & Diu (UT) remained in Deficient/ Scanty/ No Rain category atleast for three of the seasons as well as annually. None of the states recorded Excess/Normal rainfall for all the seasons. Similarly, during South West Monsoon season also, no state reported excess or normal Rainfall. During Pre-Monsoon season, except for the states of Nagaland and Mizoram, all the states of the country reported excess or normal rains.

**Table 15: % Departures of State-wise Seasonal and Annual Rainfall - Year 2015**

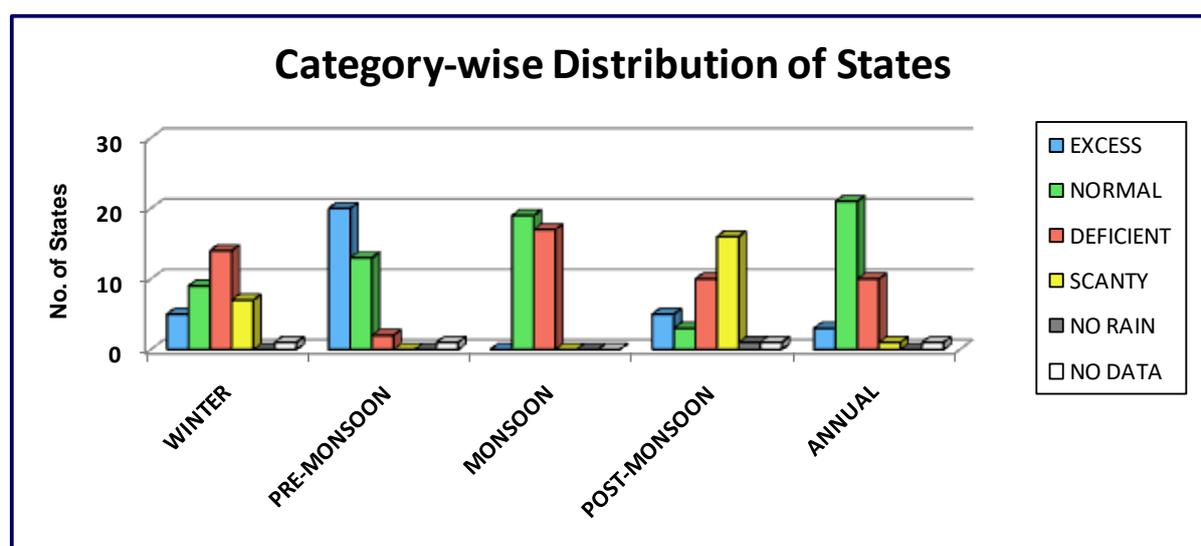
STATES	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
A & N ISLAND(UT)	62%	2%	0%	-11%	-1%
ARUNACHAL PRADESH	-47%	-17%	0%	-52%	-12%
ASSAM	-49%	2%	-3%	-46%	-6%
MEGHALAYA	9%	10%	3%	-67%	1%
NAGALAND	17%	-24%	-37%	-28%	-33%
MANIPUR	-47%	-13%	-36%	-64%	-35%
MIZORAM	-46%	-20%	7%	-51%	-12%
TRIPURA	-53%	0%	0%	-52%	-6%
SIKKIM	-70%	5%	10%	-46%	-1%
WEST BENGAL	-40%	8%	2%	-73%	-4%
ODISHA	-42%	-18%	-10%	-68%	-17%
JHARKHAND	-56%	29%	-14%	-71%	-16%
BIHAR	-37%	36%	-27%	-88%	-28%
UTTAR PRADESH	17%	184%	-46%	-74%	-38%
UTTARAKHAND	10%	43%	-28%	-71%	-21%
HARYANA	-42%	239%	-37%	-78%	-23%
CHANDIGARH(UT)	10%	103%	-35%	-72%	-24%
DELHI	-40%	217%	-6%	-95%	1%
PUNJAB	-1%	115%	-31%	-74%	-19%
HIMACHAL PRADESH	9%	29%	-23%	-48%	-11%
JAMMU & KASHMIR	1%	78%	15%	25%	30%
RAJASTHAN	-27%	305%	10%	-79%	17%
MADHYA PRADESH	103%	372%	-11%	-55%	-5%

STATES	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
GUJARAT	69%	121%	-14%	-88%	-16%
DADRA & NAGAR HAVELI (UT)			-28%		
DAMAN & DIU(UT)	-77%	10%	-49%	-100%	-64%
GOA	506%	9%	-21%	-37%	-21%
MAHARASHTRA	68%	155%	-27%	-57%	-24%
CHHATISGARH	-23%	57%	-10%	-74%	-12%
ANDHRA PRADESH	-86%	0%	4%	15%	6%
TELANGANA	8%	92%	-20%	-78%	-21%
TAMILNADU	-66%	89%	-10%	52%	32%
PONDICHERRY(UT)	-71%	230%	-24%	61%	42%
KARNATAKA	-44%	49%	-20%	-7%	-11%
KERALA	-64%	23%	-26%	27%	-11%
LAKSHADWEEP(UT)	-93%	-4%	-14%	66%	3%

Annual rainfall statistics for the year 2015 show that, 21 states remained in Normal and 10 in deficient category of rainfall. Rainfall data for the states of Dadra & Nagar Haveli was available only during the monsoon season. The statistics and chart depicting the number of states in different categories for different seasons and for the year have been given at Table 16 and Figure 67 respectively.

**Table 16: Category-wise Number of States - Seasonally and Annually - Year 2015**

CATEGORY	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
EXCESS	5	20	0	5	3
NORMAL	9	13	19	3	21
DEFICIENT	14	2	17	10	10
SCANTY	7	0	0	16	1
NO RAIN	0	0	0	1	0
NO DATA	1	1	0	1	1



**Figure 67: Category-wise distribution of States – Seasonally and Annually – Year 2015**

Percent distributions of area of the states of the country under different categories in the four seasons and for the year have been depicted in Figure 68.

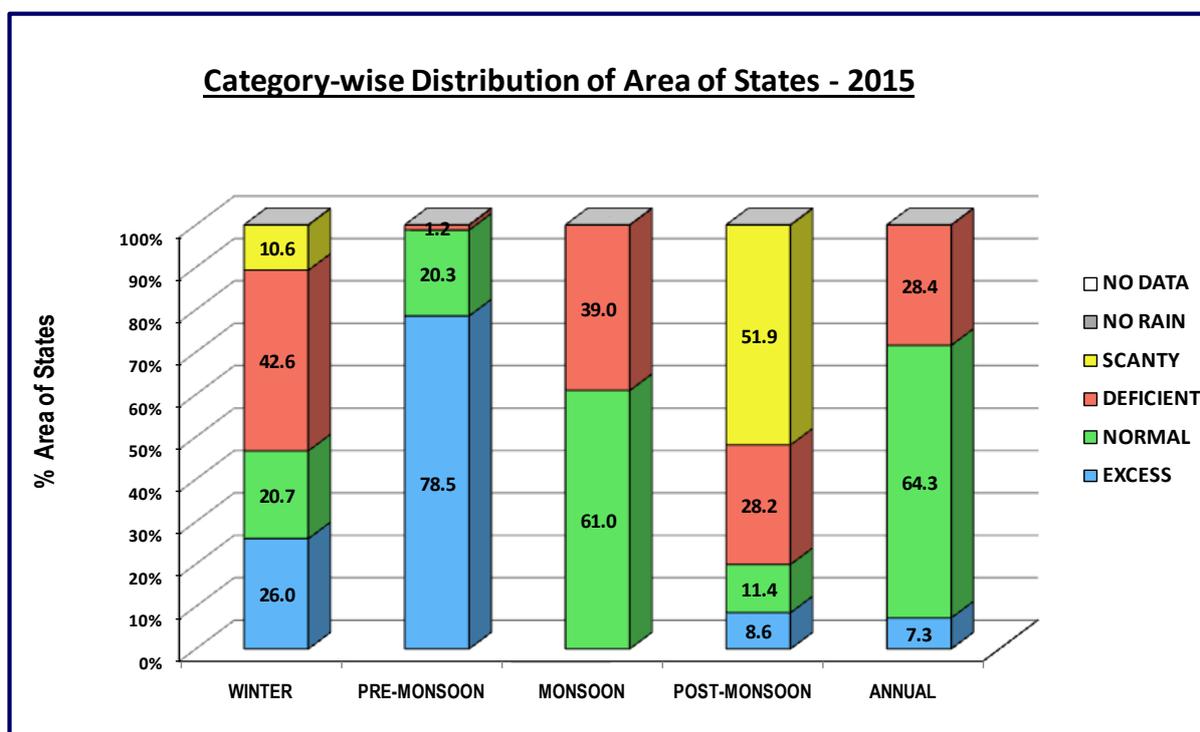


Figure 68: Category-wise distribution of Area of States – Seasonally and Annually – Year 2015

## AREA (%) OF STATES UNDER RAINFALL DEFICIENCY – SW Monsoon 2015

Area (%) of the 36 states and UTs of India under different categories of rainfall deficiency during SW monsoon (June-September) have been given below in tabular form in Table 17 and has been depicted in graphical form in Figure 69 as well.

During South-West Monsoon season 2015, No state of the country experienced rainfall deficiency of 50% or more.

Table 17: Area (%) of States of the country under Rainfall Deficiency - Monsoon 2015

Deficiency in Rainfall	% Area of States of India
< 26 % or No deficiency	73%
26 % or more but < 50 %	27%
50 % or more	0%

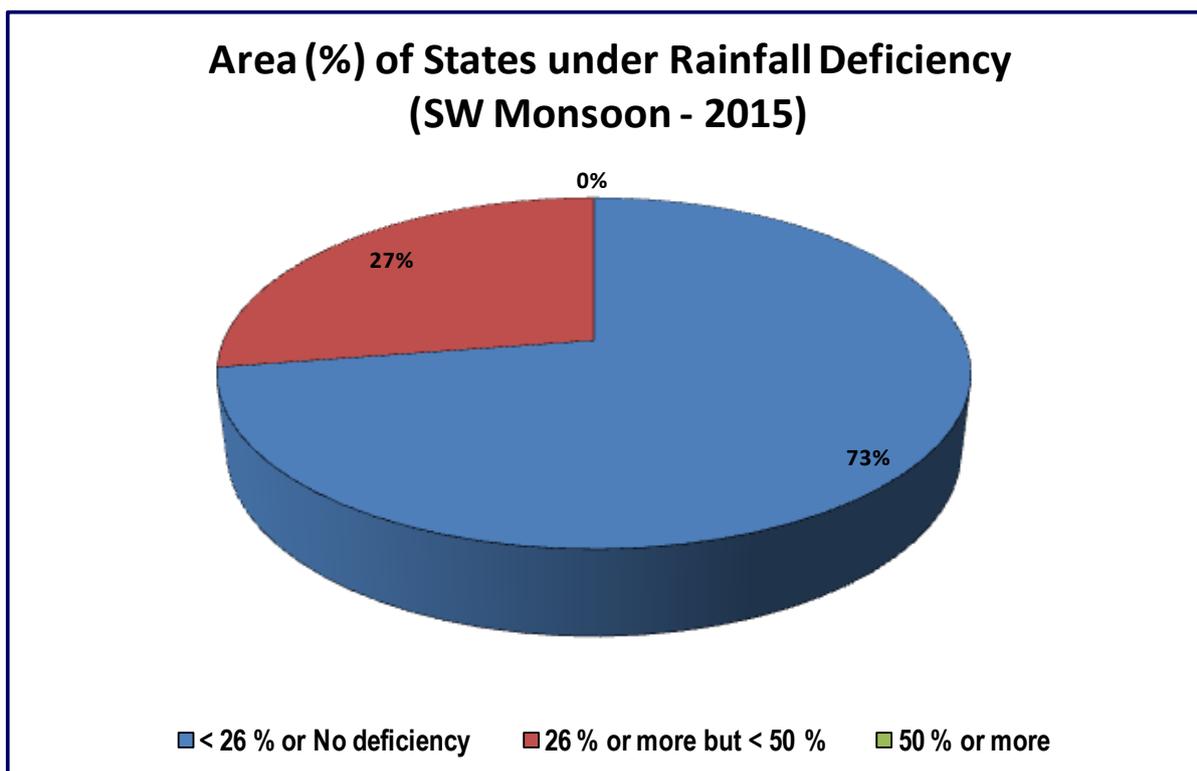


Figure 69: Area (%) of States under Rainfall Deficiency – SW Monsoon 2015

## STATE-WISE MONTHLY RAINFALL STATISTICS

Statewise monthly observed rainfall and percentage departures of monthly rainfall for the states from their normal rainfall have been given in Table 18 and Table 19. It may be observed (Table 19) that in the month of April, all the state/UTs of the country except for Daman & Diu received excess or normal rainfall (data for Dadara & Nagar Haveli was not available). Similarly, except for Odisha, all the states of Central India reported excess rainfall in the month of March. During Post-Monsoon season, all the states of NW India and Central India remained in Deficient/Scanty/No Rain rainfall category for all the three months of the season except for the states of J&K in NW India and Odisha in Central India. The states of Uttar Pradesh, Uttarakhand, Haryana, Punjab and Daman & Diu remained in Deficient/ Scanty category continuously for last six months of the year.

**Table 18: State-wise Monthly Rainfall (mm) - Year 2015**

STATES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A & N ISLAND(UT)	126.8	7.6	3.1	138.2	331.9	346.4	328.9	480.0	523.2	252.1	236.3	129.9
ARUNACHAL PRADESH	30.8	47.5	97.5	287.1	238.9	555.7	307.0	555.4	344.5	56.1	32.5	40.3
ASSAM	11.2	13.4	31.0	228.5	307.0	485.6	290.5	477.2	219.4	58.4	14.5	18.4
MEGHALAYA	21.8	22.1	59.3	325.3	406.4	877.2	420.4	1030.5	542.3	85.0	7.8	3.4
NAGALAND	30.6	25.2	32.2	184.1	96.9	156.8	249.6	281.8	148.1	100.8	5.1	15.9
MANIPUR	20.2	4.1	7.2	224.6	78.4	193.3	288.7	290.6	130.6	74.7	4.8	4.8
MIZORAM	12.2	8.9	29.2	242.8	179.4	445.5	375.9	454.6	557.1	144.1	4.3	5.8
TRIPURA	1.9	19.2	13.6	335.6	357.7	304.7	533.2	371.0	286.1	93.8	3.6	14.0
SIKKIM	15.5	27.4	131.6	215.2	417.0	670.5	433.6	518.8	357.2	92.7	46.0	23.5
WEST BENGAL	14.0	6.5	24.3	98.1	109.3	298.7	562.9	354.9	204.5	32.5	5.0	5.2

STATES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ODISHA	15.1	3.3	10.4	67.6	32.6	238.7	294.8	264.0	237.0	24.7	6.2	15.6
JHARKHAND	12.2	2.6	21.6	55.5	25.5	182.3	429.1	245.5	85.0	22.3	0.2	3.8
BIHAR	12.8	1.8	27.2	38.7	39.5	123.8	231.3	288.3	101.7	8.9	0.0	0.0
UTTAR PRADESH	30.8	5.2	55.5	22.5	8.4	86.8	185.2	163.5	23.8	9.9	1.1	4.1
UTTARAKHAND	54.4	62.5	127.3	57.3	38.0	187.0	337.0	305.3	52.6	16.6	2.3	7.2
HARYANA	12.1	6.6	70.7	34.9	8.3	43.5	127.9	84.4	32.0	3.8	2.3	0.2
CHANDIGARH(UT)	45.2	46.7	119.9	21.6	17.4	63.9	257.9	109.2	117.3	17.7	0.2	0.3
DELHI	17.7	1.8	97.9	28.4	11.7	58.9	268.8	244.7	26.1	0.2	1.5	0.0
PUNJAB	17.7	31.3	68.5	29.8	16.7	48.7	131.6	88.6	69.2	9.2	0.8	0.7
HIMACHAL PRADESH	67.5	145.9	191.0	81.8	42.4	87.9	260.6	215.7	74.0	17.3	13.1	25.9
JAMMU & KASHMIR	27.9	187.2	341.4	173.3	64.6	121.4	233.2	129.2	130.2	87.2	37.9	39.3
RAJASTHAN	6.1	0.5	41.7	21.1	10.2	72.3	262.2	97.0	28.8	2.8	0.5	0.4
MADHYA PRADESH	38.9	8.4	62.3	18.8	3.9	149.2	355.4	276.6	62.6	22.9	0.7	1.0
GUJARAT	1.5	0.0	5.7	3.9	0.9	135.6	309.2	24.8	99.0	3.4	0.3	0.0
DADRA & NAGAR HAVELI (UT)						372.5	678.4	307.9	308.6	18.8		
DAMAN & DIU(UT)	0.2	0.0	5.8	0.0	0.0	223.0	214.5	154.9	290.1	0.6	0.0	0.0
GOA	3.6	0.0	43.5	9.3	51.1	785.5	789.8	485.7	292.1	109.2	17.4	0.0
MAHARASHTRA	11.6	2.2	46.9	21.4	16.3	248.5	141.7	177.8	165.0	34.1	10.0	0.1
CHHATISGARH	15.6	0.9	20.5	36.7	13.6	274.3	249.5	287.8	216.9	18.0	0.6	1.5
ANDHRA PRADESH	1.6	0.3	7.5	49.2	34.5	146.6	69.8	148.6	158.0	75.4	222.3	27.0
TELANGANA	12.2	0.0	30.0	56.4	22.6	216.1	79.2	151.4	154.2	22.1	2.3	1.4
TAMILNADU	8.3	2.3	21.7	108.9	112.3	62.5	43.5	81.5	98.5	132.8	378.3	151.2
PONDICHERRY(UT)	16.2	0.1	0.0	96.1	133.4	32.1	41.4	122.1	73.9	76.4	785.7	603.3
KARNATAKA	2.0	0.2	26.3	65.2	91.8	208.1	139.1	149.4	168.1	92.6	78.6	3.6
KERALA	3.1	5.8	50.1	214.0	201.8	563.8	406.2	252.2	293.4	309.9	223.2	79.5
LAKSHADWEEP(UT)	2.2	0.5	3.7	87.1	133.1	296.7	257.5	146.7	157.5	165.4	230.7	159.0

**Table 19: % Departures of State-wise monthly rainfall - Year 2015**

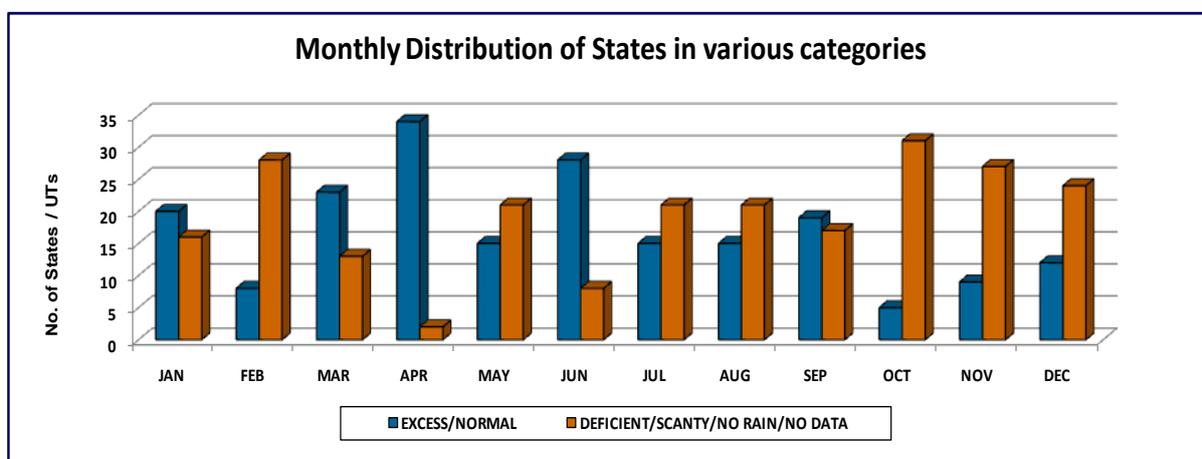
STATES / UTs	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A & N ISLAND(UT)	136%	-74%	-88%	70%	-7%	-21%	-19%	19%	21%	-15%	-7%	-11%
ARUNACHAL PRADESH	-39%	-52%	-46%	3%	-18%	11%	-43%	54%	-7%	-69%	-29%	5%
ASSAM	-31%	-58%	-60%	32%	1%	14%	-36%	34%	-23%	-56%	-42%	55%
MEGHALAYA	34%	-8%	-21%	55%	-6%	12%	-54%	70%	14%	-64%	-82%	-71%
NAGALAND	64%	-13%	-49%	35%	-55%	-54%	-38%	-20%	-36%	-16%	-86%	59%
MANIPUR	44%	-87%	-88%	89%	-57%	-54%	-24%	-15%	-50%	-56%	-90%	-58%
MIZORAM	8%	-68%	-69%	63%	-44%	2%	-18%	3%	49%	-39%	-93%	-60%
TRIPURA	-83%	-43%	-86%	51%	-9%	-34%	30%	5%	10%	-47%	-92%	25%
SIKKIM	-72%	-69%	-21%	-4%	23%	36%	-12%	20%	-6%	-61%	22%	10%
WEST BENGAL	-3%	-66%	-16%	82%	-17%	-1%	37%	-2%	-35%	-75%	-76%	-29%
ODISHA	40%	-84%	-61%	80%	-54%	11%	-13%	-27%	0%	-78%	-78%	226%
JHARKHAND	-24%	-85%	26%	201%	-42%	-8%	28%	-22%	-65%	-70%	-98%	-42%
BIHAR	-4%	-82%	169%	137%	-23%	-27%	-33%	-1%	-55%	-86%	-99%	-100%
UTTAR PRADESH	77%	-61%	472%	324%	-45%	-7%	-34%	-44%	-87%	-79%	-76%	-41%
UTTARAKHAND	4%	16%	121%	72%	-42%	11%	-21%	-28%	-75%	-72%	-76%	-66%
HARYANA	-31%	-55%	461%	372%	-39%	-3%	-22%	-51%	-60%	-78%	-52%	-97%
CHANDIGARH(UT)	2%	20%	261%	46%	-42%	-47%	-9%	-62%	-24%	-44%	-98%	-99%
DELHI	8%	-89%	540%	219%	-39%	-2%	22%	0%	-76%	-99%	-74%	-100%

STATES / UTs	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PUNJAB	-30%	29%	171%	139%	6%	10%	-29%	-48%	-24%	-58%	-87%	-95%
HIMACHAL PRADESH	-31%	49%	67%	25%	-35%	-8%	-15%	-24%	-47%	-59%	-35%	-43%
JAMMU & KASHMIR	-71%	60%	125%	78%	-16%	89%	21%	-31%	41%	124%	15%	-34%
RAJASTHAN	36%	-88%	1058%	486%	-6%	62%	67%	-36%	-57%	-74%	-90%	-83%
MADHYA PRADESH	184%	-13%	688%	469%	-43%	27%	12%	-17%	-66%	-35%	-93%	-89%
GUJARAT	153%	-100%	377%	3832%	-73%	29%	23%	-87%	-10%	-83%	-97%	-99%
DADRA & NAGAR HAVELI (UT)						-3%	-23%	-53%	-21%	-51%		
DAMAN & DIU(UT)	-58%	-100%	3975%	-100%	-100%	-27%	-68%	-67%	6%	-98%	-100%	-100%
GOA	628%	-100%	8593%	26%	-42%	-13%	-28%	-29%	4%	-30%	-50%	-100%
MAHARASHTRA	142%	-36%	682%	193%	-18%	21%	-58%	-37%	-8%	-55%	-48%	-99%
CHHATISGARH	45%	-91%	54%	166%	-25%	50%	-34%	-23%	1%	-71%	-93%	-73%
ANDHRA PRADESH	-74%	-96%	-19%	133%	-43%	65%	-47%	10%	7%	-55%	149%	5%
TELANGANA	110%	-100%	220%	242%	-27%	59%	-67%	-31%	-5%	-76%	-89%	-74%
TAMILNADU	-53%	-83%	18%	156%	66%	36%	-36%	-7%	-15%	-26%	124%	74%
PONDICHERRY(UT)	-45%	-99%	-100%	653%	234%	-33%	-46%	8%	-37%	-72%	95%	157%
KARNATAKA	9%	-92%	304%	90%	12%	6%	-49%	-26%	6%	-33%	92%	-64%
KERALA	-65%	-63%	65%	95%	-16%	-13%	-44%	-40%	20%	6%	48%	112%
LAKSHADWEEP(UT)	-90%	-97%	-69%	78%	-22%	-10%	-11%	-33%	-3%	5%	96%	170%

The statistics and chart depicting the monthly distribution of number of states in different categories during the year have been given at Table 20 and Figure 70 respectively. It may be observed that a maximum no. of 31 states remained in Deficient/Scanty/No Rain rainfall category during the month of October and a only 2 states remained in these categories during the month of April.

**Table 20: Category-wise Number of States - Monthly - Year 2015**

CATEGORY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
EXCESS	13	4	20	32	3	10	7	4	4	1	7	8
NORMAL	7	4	3	2	12	18	8	11	15	4	2	4
DEFICIENT	9	5	4	0	18	8	19	18	11	14	6	6
SCANTY	6	18	7	0	1	0	2	3	6	17	19	13
NO RAIN	0	4	1	1	1	0	0	0	0	0	1	4
NO DATA	1	1	1	1	1	0	0	0	0	0	1	1



**Figure 70: Category-wise distribution of States – Monthly – Year 2015**

## DISTRICT-WISE SEASONAL & ANNUAL RAINFALL STATISTICS

The rainfall statistics is prepared for 641 districts of India. The districtwise observed seasonal and annual rainfall for the districts whose data are received throughout the year is given in Table 21. Also the percent departures of observed rainfall from their normals have been given in Table 22. It may be seen that the rainfall for some of the districts are not available, which is due to non-availability of data either by sudden developments of faults in the instruments or by remote/difficult locations of the stations in the districts. Annually, the District of East Khasi Hills in Meghalaya received the highest rainfall of 7898.7 mm where as the District Ladakh (Leh) in Jammu & Kashmir received the lowest rainfall of 82.3 mm, which resembles with the normal pattern of rainfall in India.

**Table 21: District-wise Monthly Rainfall (mm) - Year 2015**

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
<b>A &amp; N ISLAND</b>					
NICOBAR	138.4	325.0	1201.3	799.9	2464.6
NORTH & MIDDLE ANDAMAN	135.8	505.5	1983.3	406.3	3030.8
SOUTH ANDAMAN	130.5	529.5	1640.7	737.5	3038.1
<b>ANDHRA PRADESH</b>					
ANANTAPUR	0.0	151.7	332.0	225.4	709.0
CHITTOOR	0.9	172.1	393.3	852.7	1419.0
CUDDAPAH	3.6	106.5	388.0	514.6	1012.8
EAST GODAVARI	0.1	61.3	825.7	211.9	1099.0
GUNTUR	1.3	36.9	564.2	111.4	713.6
KRISHNA	6.3	49.9	716.0	172.6	944.8
KURNOOL	1.4	76.4	330.4	62.1	470.4
NELLORE	0.6	89.2	349.8	945.7	1385.3
PRAKASAM	0.6	44.9	384.9	203.6	634.0
SRIKAKULAM	10.6	61.1	750.8	129.9	952.4

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
VISHAKHAPATNAM	2.9	125.2	909.1	173.2	1210.3
VIZIANAGARAM	3.6	85.9	883.8	99.0	1072.3
WEST GODAVARI	0.7	41.3	827.8	184.2	1054.0
<b>ARUNACHAL PRADESH</b>					
ANJAW	142.6		1026.2	81.2	
CHANGLANG	50.7	463.3	1270.8	94.6	1879.3
DIBANG VALLEY	162.0				
EAST KAMENG	0.0	107.9	403.6	9.2	520.7
EAST SIANG	170.1	829.5	3551.2	79.4	4630.2
LOHIT	69.4	724.5	1731.9	124.4	2650.2
LOWER DIBANG VALLEY	105.1	1118.4	4110.8	287.7	5622.0
PAPUMPARA	29.0	850.9	2480.7	99.5	3460.0
TAWANG	19.0	582.0		81.0	
TIRAP	10.6	391.0	1270.8	154.0	1826.4
UPPER SIANG	187.2	1396.1	2468.8	227.6	4279.7
UPPER SUBANSRI	34.2	383.9	974.5	80.6	1473.2
WEST KAMENG	9.2	354.3	1228.4	95.2	1687.0
WEST SIANG	31.0	475.5			
<b>ASSAM</b>					
BAKSA	26.5	685.9	1798.7	81.2	2592.4
BARPETA	13.0	711.7	2439.2	54.9	3218.8
BONGAIGAON	19.0	629.5	2590.0	37.0	3275.5
CACHAR	15.7	785.8	1615.4	109.9	2526.7
CHIRANG	38.4	1178.3	3197.4	107.6	4521.7
DHEMAJI	30.0	563.0	1694.0	11.0	2298.0
DHUBRI	43.9	805.7	1807.7	36.0	2693.3
DIBRUGARH	33.8	654.7	1442.7	180.9	2312.0
GOALPARA	23.6	814.4	2181.9	81.7	3101.6
GOLAGHAT	28.9	517.5	791.1	130.8	1468.3
HAILAKANDI	23.6	919.6	1644.8	129.9	2717.9
JORHAT	39.7	572.8	1090.7	154.5	1857.5
KAMRUP	34.7	707.0	1102.4	76.2	1920.3
KAMRUP METRO.	22.4	515.5	1030.7	84.4	1653.0
KARBI ANGLONG	22.8	296.4	815.1	81.6	1215.9
KARIMGANJ	12.3	893.0	2055.9	198.9	3160.1

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
KOKRAJHAR	17.8	710.5	3148.5	36.5	3913.3
LAKHIMPUR	26.4	563.4	2107.5	83.5	2780.9
MORIGAON	19.4	372.2	1092.8	97.6	1582.0
N. C. HILLS	29.3	441.2	1098.9	69.4	1638.7
NAGAON	10.9	240.1	648.2	32.3	931.5
NALBARI	25.0	753.5	1855.0	47.3	2680.8
SHONITPUR	13.1	508.8	1377.1	125.3	2024.2
SIBSAGAR	30.7	559.8	1112.0	161.0	1863.4
TINSUKIA	62.0	653.4	1656.2	135.6	2507.1
UDALGURI	17.2	443.0	1211.0	98.3	1769.6
<b>BIHAR</b>					
ARARIA	21.2	285.3	805.2	3.5	1115.1
ARWAL	9.4	32.1	764.1	0.0	805.6
AURANGABAD	17.9	57.5	857.1	2.9	935.3
BANKA	27.8	73.4	892.3	11.3	1004.8
BEGUSARAI	8.7	114.5	876.6	0.0	999.8
BHABUA	29.7	48.3	836.1	3.7	917.7
BHAGALPUR	32.1	157.0	1053.0	11.4	1253.3
BHOJPUR	5.2	34.6	408.1	7.6	455.5
BUXAR	3.8		796.7	6.3	
DARBHANGA	9.7	125.7	720.7	0.0	863.1
EAST CHAMPARAN	6.6	127.4	831.1	9.8	974.8
GAYA	20.5	37.1	643.9	0.8	702.2
GOPALGANJ	5.5	109.4	672.1	34.7	821.7
JAHANABAD	7.5	16.6	709.9	0.7	734.6
JAMUI	4.3	55.3	732.7	0.0	792.3
KATI HAR	55.1	177.9	853.3	13.3	1099.7
KHAGARIA	35.3	125.2	1073.8	0.0	1234.3
KISHANGANJ	11.9	418.3	1392.0	0.2	1822.3
LAKHISARAI	2.7	78.6	790.8	0.8	872.8
MADHEPURA	20.9	123.6	711.7	1.3	857.5
MADHUBANI	18.9	119.0	569.0	0.3	707.3
MONGHYR	17.4	66.7	1019.4	0.4	1103.9
MUZAFFARPUR	8.7	88.2	504.9	9.6	606.0
NALANDA	11.3	37.3	619.4	0.0	668.0

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
NAWADA	0.0	16.9	631.1	0.0	648.0
PATNA	11.8	27.7	560.0	9.4	608.9
PURNEA	13.1	142.5	565.6	24.4	745.5
ROHTAS	11.6	106.8	757.7	9.3	885.4
SAHARSA	6.0	77.0	702.8	0.0	785.8
SAMASTIPUR	9.6	109.9	998.9	2.2	1120.6
SARAN	5.2	68.4	599.8	9.8	683.2
SHEIKHPURA	2.6	50.5	838.4	0.0	891.5
SHEOHAR	14.8	84.0	751.2	0.0	850.0
SITAMARHI	4.7	99.1	484.4	12.4	600.6
SIWAN	5.3	110.5	527.6	1.1	644.5
SUPAUL	17.9	198.0	724.2	13.2	953.3
VAISHALI	13.3	45.6	603.3	10.8	673.0
WEST CHAMPARAN	11.7	158.1	846.3	52.4	1068.5
<b>CHANDIGARH</b>					
CHANDIGARH	91.9	158.8	548.3	18.1	817.1
<b>CHHATTISGARH</b>					
BASTAR	5.0	149.5	1350.2	33.8	1538.4
BIJAPUR	37.0	111.0	1514.7	12.3	1674.9
BILASPUR	26.2	77.0	940.9	12.7	1056.8
DANTEWADA	0.0	71.3	1438.3	39.2	1548.8
DHANTARI	31.8	94.9	833.4	14.5	974.6
DURG	14.6	105.6	888.1	0.3	1008.5
JANJGR	16.8	0.0	938.8	0.0	955.6
JASHPUR	29.0	7.4	946.4	33.6	1016.4
KANKER	44.4	43.5	1063.7	13.4	1164.9
KORBA	6.3	33.1	1036.9	9.0	1085.3
KORIYA	29.5	36.8	692.2	53.2	811.8
KOWARDHA	9.8	30.6	765.3	21.6	827.3
MAHASAMUND	2.0	68.2	1152.1	5.9	1228.2
NARAYANPUR	40.6	45.4	1340.7	3.6	1430.3
RAIGARH	0.0	8.4	1160.4	23.4	1192.1
RAIPUR	14.7	70.0	832.4	4.3	921.4
RAJNANDGAON	13.0	81.4	753.5	2.8	850.7
SURGUJA	9.8	102.4	835.1	42.6	989.8

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
<b>DADRA &amp; NAGAR HAVELI</b>					
DADRA & NAGAR HAVELI	0.0		1667.4	0.0	
<b>DAMAN &amp; DIU</b>					
DAMAN	0.0	6.0	1022.2		
DIU	0.6	5.5	631.0	0.0	637.1
<b>DELHI</b>					
CENTRAL DELHI	17.0	142.0	470.0	1.0	630.0
EAST DELHI	17.0	90.0	437.0	1.0	545.0
NEW DELHI	27.9	140.2	513.2	1.4	682.7
NORTH DELHI	24.9	154.2	533.4	2.9	715.3
NORTH EAST DELHI	5.0	23.0	412.0	1.0	441.0
NORTH WEST DELHI	10.2	119.5	524.8	1.0	655.5
SOUTH DELHI	24.3	155.5	817.7	0.0	997.4
SOUTH WEST DELHI	28.9	170.0	645.1	3.6	847.5
WEST DELHI	16.0	132.0	518.2	1.0	667.2
<b>GOA</b>					
NORTH GOA	0.0	96.2	2331.8	154.1	2582.1
SOUTH GOA	6.9	110.6	2371.9	102.3	2591.6
<b>GUJARAT</b>					
AHMEDABAD	2.0	13.0	400.7	0.0	415.7
AMRELI	2.2	31.3	743.1	6.3	782.9
ANAND	0.1	26.5	452.6	0.0	479.2
BANASKANTHA	2.1	9.2	823.5	0.0	834.8
BARODA	0.0	7.6	421.4	2.6	431.6
BHAVNAGAR	1.4	13.4	541.0	0.4	556.2
BROACH	1.2	12.7	437.9	1.6	453.4
DAHOD	1.4	10.0	426.8	1.1	439.3
DANGS	0.0	73.5	1036.2	64.0	1173.7
GANDHINAGAR	14.8	14.3	666.7	0.0	695.8
JAMNAGAR	1.1	2.4	435.3	11.2	450.0
JUNAGARH	3.4	12.8	598.9	8.1	623.1
KHEDA	2.7	13.3	503.5	0.1	519.6
KUTCH	0.8	5.4	473.6	3.9	483.7
MEHSANA	5.1	12.6	670.6	0.0	688.4
NARMADA	4.1	33.1	650.2	1.2	688.6

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
NAVSARI	0.0	10.1	1023.1	4.8	1038.0
PANCHMAHAL	0.0	4.4	479.8	0.0	484.2
PATAN	2.0	9.3	660.0	0.0	671.3
PORBANDAR	0.0	11.0	399.0	1.0	411.0
RAJKOT	1.1	7.7	577.5	2.4	588.7
SABARKANTHA	3.7	19.4	727.5	0.0	750.6
SURAT	0.0	15.1	884.2	0.6	899.9
SURENDRANAGAR	0.3	2.7	369.1	2.7	374.8
TAPI	0.0	5.8	879.8	1.4	887.0
VALSAD	0.0	10.4	1435.1	15.6	1461.2
<b>HARYANA</b>					
AMBALA	49.0	168.9	459.6	12.4	689.9
BHIWANI	10.1	76.7	183.0	1.3	271.1
FARIDABAD	21.6	165.1	522.1	2.3	711.0
FATEHABAD	18.9	68.9	114.8	5.7	208.2
GURGAON	10.9	74.2	381.6	0.0	466.8
HISAR	11.7	88.0	192.8	6.4	299.0
JHAJJAR	14.7	128.0	310.1	2.9	455.7
JIND	12.5	126.2	267.5	10.5	416.8
KAITHAL	21.5	73.9	182.4	14.1	291.8
KARNAL	28.4	149.0	449.9	12.3	639.6
KURUKSHETRA	21.8	101.2	261.1	6.8	390.8
MAHENDRAGARH	9.8	81.6	175.1	7.2	273.7
MEWAT	26.2	101.4	392.2	0.0	519.8
PALWAL	27.2	107.4	257.3	5.3	397.1
PANCHKULA	67.3	153.6	422.1	8.2	651.1
PANIPAT	12.1	135.9	365.5	8.4	521.8
REWARI	11.1	167.4	296.3	5.4	480.3
ROHTAK	6.8	113.1	194.7	7.7	322.1
SIRSA	16.1	98.8	181.7	8.5	305.1
SONEPAT	15.0	145.9	348.2	5.7	514.8
YAMUNA NAGAR	32.9	207.0	646.7	6.8	893.3
<b>HIMACHAL PRADESH</b>					
BILASPUR	147.2	288.5	717.8	48.5	1202.0
CHAMBA	295.0	376.0	762.9	107.5	1541.4

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
HAMIRPUR	185.9	254.4	990.2	51.9	1482.4
KANGRA	181.2	279.0	1471.9	64.3	1996.3
KINNAUR	233.9	305.0	140.1	31.4	710.5
KULLU	322.9	355.4	498.5	76.7	1253.4
LAHAUL & SPITI	247.9	361.2	161.7	43.8	814.5
MANDI	217.7	293.2	934.9	78.6	1524.4
SHIMLA	164.0	249.9	627.1	47.5	1088.6
SIRMAUR	81.1	283.8	805.4	16.6	1186.8
SOLAN	141.0	361.7	814.7	64.8	1382.2
UNA	136.2	273.3	1171.7	40.8	1622.0
<b>JAMMU &amp; KASHMIR</b>					
ANANTNAG	230.9	585.1	472.0	170.4	1458.4
BADGAM	193.1	546.4	315.1	130.9	1185.4
BARAMULA	251.4	624.9	407.9	276.8	1560.9
DODA	325.4	623.3	589.8	148.8	1687.3
GANDERWAL	240.0	478.3	270.1	138.0	1126.4
JAMMU	146.7	523.5	854.9	80.4	1605.4
KATHUA	105.8	379.3	1074.8	37.6	1597.5
KULGAM	185.1	687.5	425.6	158.0	1456.2
KUPWARA	273.2	639.5	392.8	316.9	1622.4
LADAKH (LEH)	5.8	7.8	66.6	2.1	82.3
PULWAMA	139.3	486.7	410.1	129.1	1165.0
RAJOURI	139.1	503.1	689.3	141.8	1473.3
RAMBAN	317.6	875.5	651.1	236.1	2080.2
REASI	233.1	794.1	1177.2	130.2	2334.6
SAMBA	110.2	317.8	651.5	47.1	1126.5
SHOPIAN	30.0				
SRINAGAR	184.5	558.1	483.2	137.9	1363.7
UDHAMPUR	186.5	542.7	751.3	163.4	1643.8
<b>JHARKHAND</b>					
BOKARO	12.3	136.9	822.8	13.9	985.9
CHATRA	0.7	25.6	713.0	1.3	740.6
DEOGHAR	12.7	111.2	1013.7	7.3	1144.9
DHANBAD	13.4	72.5	760.7	8.3	854.8
DUMKA	10.1	100.1	1372.4	5.3	1487.9

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
EAST SINGBHUM	6.5	192.5	1076.7	52.7	1328.3
GARHWA	39.7	36.6	607.6	10.0	693.9
GIRIDIH	11.1	83.8	1023.5	7.1	1125.5
GODDA	46.1	152.9	1139.8	1.7	1340.5
GUMLA	0.5	233.0	1297.9	41.1	1572.5
HAZARIBAG	8.3	73.8	1041.3	12.5	1135.8
JAMTARA	23.1	129.5	1214.0	7.3	1373.8
KHUNTI	26.0	73.7	821.7	39.0	960.4
KODERMA	9.2	51.7	715.6	0.7	777.1
LATEHAR	3.2	45.3	967.6	38.0	1054.0
LOHARDAGA	27.2	100.1	977.9	21.2	1126.4
PAKUR	21.2	206.5	1253.4	32.1	1513.2
PALAMU	22.4	38.3	729.4	19.3	809.4
RAMGARH	12.6	99.0	966.2	48.2	1126.0
RANCHI	15.9	82.0	733.2	42.3	873.4
SAHIBGANJ	25.2	244.0	1209.0	28.0	1506.2
SERAIKELA-KHARSAWAN	13.3	117.8	813.2	13.6	957.9
SIMDEGA	20.7	39.3	1154.5	50.5	1264.9
WEST SINGBHUM	12.4	126.6	799.5	49.5	987.9
<b>KARNATAKA</b>					
BAGALKOTE	0.3	87.5	305.8	71.7	465.3
BANGALORE RURAL	19.0	302.4	501.4	279.4	1102.2
BANGALORE URBAN	7.7	277.5	444.9	344.6	1074.8
BELGAM	0.5	137.7	352.9	89.2	580.3
BELLARY	0.7	133.6	367.2	96.1	597.6
BIDAR	8.4	168.2	428.7	54.5	659.7
BIJAPUR	1.6	74.7	307.3	72.5	456.1
CHAMARAJANAGAR	0.3	286.6	304.3	324.3	915.4
CHICKBALLAPUR	6.2	245.0	454.0	410.5	1115.7
CHIKMAGALUR	0.4	275.1	1160.3	256.2	1692.1
CHITRADURGA	0.4	159.2	354.6	176.0	690.3
DAKSHIN KANNADA	3.4	318.6	2562.5	404.8	3289.3
DAVANGERE	0.8	167.5	407.0	131.7	706.9
DHARWAD	0.1	172.9	322.1	105.1	600.1
GADAG	0.2	109.3	287.9	93.4	490.7

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
GULBARGA	5.3	146.1	407.2	36.7	595.3
HASSAN	0.9	265.2	513.8	217.6	997.4
HAVERI	0.0	148.8	397.7	119.0	665.5
KODAGU	4.5	360.6	1883.9	237.6	2486.6
KOLAR	5.6	236.5	359.6	482.2	1083.7
KOPPAL	0.5	123.6	360.2	39.4	523.7
MANDYA	0.0	232.8	322.7	295.4	850.9
MYSORE	2.6	299.5	443.3	235.7	981.1
RAICHUR	2.8	113.7	388.5	63.3	568.3
RAMANAGARA	1.5	318.0	471.9	280.4	1071.8
SHIMOGA	0.0	202.7	1232.7	155.0	1590.4
TUMKUR	0.6	179.9	440.7	318.1	939.3
UDUPI	0.6	220.4	3183.3	415.1	3819.3
UTTAR KANNADA	1.7	144.6	1827.1	162.3	2135.7
YADGIR	7.7	96.9	338.2	39.6	482.4
<b>KERALA</b>					
ALAPUZHA	8.4	513.8	1137.3	686.0	2345.5
CANNUR	5.0	278.7	2169.6	527.3	2980.6
ERNAKULAM	2.9	442.7	1576.1	869.8	2891.5
IDUKKI	15.8	524.8	1696.4	629.4	2866.4
KASARGOD	0.9	305.8	2032.0	407.2	2745.8
KOLLAM	40.7	540.0	993.6	762.2	2336.5
KOTTAYAM	13.5	673.2	1589.6	727.9	3004.2
KOZHIKODE	0.0	315.3	1995.4	559.4	2870.1
MALAPPURAM	0.0	391.4	1536.0	560.1	2487.5
PALAKKAD	2.0	456.9	1155.5	370.8	1985.2
PATHANAMTHITTA	26.1	730.0	1172.6	961.5	2890.2
THIRUVANANTHAPURAM	10.0	644.7	797.8	799.6	2252.2
THRISSUR	0.9	366.2	1677.2	549.7	2594.0
WYNAD	0.1	388.0	1592.6	301.9	2282.6
<b>LAKSHADWEEP</b>					
LAKSHADWEEP	2.6	223.9	858.4	555.1	1640.0
<b>MADHYA PRADESH</b>					
ALIRAJPUR	2.4	39.4	818.8	15.1	875.6
ANUPPUR	35.3	67.6	637.8	30.1	770.9

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
ASHOKNAGAR	62.0	74.3	739.8	20.5	896.5
BALAGHAT	13.1	93.7	888.8	9.0	1004.6
BARWANI	5.9	22.6	595.2	20.9	644.6
BETUL	150.0	150.1	929.2	10.8	1240.0
BHIND	31.4	97.0	399.9	16.7	544.8
BHOPAL	40.1	60.2	998.3	3.2	1101.8
BURHANPUR	54.6	106.8	704.3	1.0	866.7
CHHATARPUR	59.9	90.0	608.1	41.0	799.1
CHINDWARA	36.1	124.3	930.1	42.7	1133.3
DAMOH	70.2	133.6	726.8	40.8	971.4
DATIA	47.2	78.7	536.8	16.9	679.7
DEWAS	70.6	43.6	1143.7	0.0	1257.9
DHAR	16.9	31.8	955.0	17.8	1021.6
DINDORI	29.8	134.6	1095.6	102.9	1362.9
GUNA	71.7	51.1	1078.0	0.8	1201.5
GWALIOR	42.2	140.8	640.2	37.9	861.0
HARDA	41.0	83.4	1074.4	6.9	1205.6
HOSHANGABAD	56.7	109.6	1150.4	25.5	1342.1
INDORE	59.2	74.0	1193.2	3.0	1329.3
JABALPUR	74.9	123.2	822.2	23.5	1043.7
JHABUA	1.6	49.2	714.9	10.5	776.2
KATNI	85.0	103.3	602.5	41.6	832.4
KHANDWA	48.5	87.4	945.1	23.0	1103.9
KHARGONE	21.4	46.0	725.2	8.2	800.8
MANDLA	29.6	159.5	980.4	26.3	1195.8
MANDSAUR	20.1	37.1	843.4	0.0	900.5
MORENA	30.9	94.1	423.4	19.4	567.7
NARSINGHPUR	51.1	84.4	839.4	31.2	1006.1
NEEMUCH	8.3	29.3	704.0	0.0	741.7
PANNA	52.5	112.7	589.9	22.2	777.3
RAISEN	53.3	55.6	1092.5	4.6	1206.0
RAJGARH	63.6	51.1	1449.1	1.6	1565.4
RATLAM	35.9	27.1	1170.2	3.1	1236.3
REWA	64.9	55.9	606.0	76.4	803.1
SAGAR	45.6	62.9	640.3	16.9	765.7

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
SATNA	93.9	110.4	823.6	53.6	1081.5
SEHORE	47.6	49.3	1080.8	4.8	1182.4
SEONI	42.8	140.4	786.4	44.0	1013.6
SHAHDOL	14.0	150.1	575.6	48.0	787.7
SHAJAPUR	63.3	40.9	1473.1	1.0	1578.4
SHEOPUR	20.3	103.0	460.5	25.0	608.7
SHIVPURI	28.6	67.3	639.1	34.3	769.2
SIDHI	52.8	71.6	585.6	96.0	806.0
SINGRAULI	40.8	90.1	614.4	54.3	799.6
TIKAMGARH	44.5	95.0	540.0	5.5	685.0
UJJAIN	36.4	74.4	1405.2	5.2	1521.2
UMARIA	51.0	56.9	847.1	48.5	1003.5
VIDISHA	51.6	58.4	892.1	13.2	1015.4
<b>MAHARASHTRA</b>					
AHMEDNAGAR	0.5	76.9	333.7	62.1	473.2
AKOLA	44.4	168.5	614.7	6.6	834.2
AMRAOTI	58.1	102.6	758.1	1.6	920.5
AURANGABAD	10.1	71.1	497.9	18.0	597.0
BEED	5.2	75.3	281.8	41.1	403.4
BHANDARA	13.3	133.6	1018.6	3.6	1169.2
BULDHANA	27.9	102.3	559.7	3.9	693.9
CHANDRAPUR	37.8	120.8	1026.4	6.8	1191.8
DHULE			533.5	7.1	
GADCHIROLI	28.3	83.5	1060.4	17.7	1189.9
GONDIA	16.7	114.3	1148.9	6.4	1286.3
HINGOLI	27.6	85.2	570.4	6.8	689.9
JALGAON	6.5	67.6	415.8	4.9	494.8
JALNA	23.7	65.3	444.2	13.4	546.5
KOLHAPUR	0.2	97.9	803.4	70.5	971.9
LATUR	4.7	82.1	372.0	40.5	499.3
MUMBAI CITY	0.0	17.4	1604.8	74.8	1697.0
MUMBAI SUBURBAN	0.0	13.0	1823.2	32.9	1869.1
NAGPUR	22.9	115.7	970.0	13.2	1121.8
NANDED	13.1	120.9	492.9	6.3	633.2
NANDURBAR			703.7	4.1	

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
NASHIK	3.3	45.7	729.0	60.7	838.7
OSMANABAD	8.2	79.1	336.3	53.0	476.6
PARBHANI	8.5	85.5	347.7	9.9	451.6
PUNE	0.6	92.8	582.2	128.5	804.0
RAIGAD	0.0	67.3	2054.3	122.8	2244.4
RATNAGIRI	6.0	38.4	2166.8	142.8	2354.0
SANGLI	8.6	106.1	286.8	79.3	480.8
SATARA	0.0	94.7	455.6	98.9	649.2
SHOLAPUR	0.0	48.7	231.8	71.1	351.6
SINDHUDURG	0.0	76.1	2058.9	148.5	2283.5
THANE	0.0	21.9	1697.7	108.3	1827.8
WARDHA	23.4	94.4	865.4	8.7	991.8
WASHIM	18.5	122.0	655.2	3.8	799.5
YEOTMAL	26.2	87.7	663.3	2.1	779.3
<b>MANIPUR</b>					
CHANDEL	26.0				
IMPHAL EAST	46.7	263.2	959.2	122.7	1391.8
IMPHAL WEST	2.4	743.5	1383.3	49.0	2178.2
SENAPATI	20.6	266.5	849.2		
THOUBAL	27.0	215.0	684.0		
<b>MEGHALAYA</b>					
EAST GARO HILLS	19.9	1065.3	3089.8	104.6	4279.6
EAST KHASI HILLS	44.1	1094.7	6648.0	111.9	7898.7
JAINTIA HILLS	75.3	826.0	2915.2	80.0	3896.4
RI-BHOI	18.6	396.5	910.7	100.1	1425.8
SOUTH GARO HILLS	23.0				
WEST GARO HILLS	70.4	676.4	1710.1	25.4	2482.3
WEST KHASI HILLS	33.0	730.0	2728.0	144.0	3635.0
<b>MIZORAM</b>					
AIZWAL	30.7	534.0	1509.8	248.7	2323.1
KOLASIB		384.0			
SAIHA	15.8	306.0			
SERCHHIP	2.5	453.7	1790.1		
<b>NAGALAND</b>					
DIMAPUR	47.4	238.4	751.0	122.8	1159.5

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
KEPHIRE		118.0	436.0		
KOHIMA	52.4	239.9	1145.8	136.8	1574.9
MOKOKCHUNG			555.0	46.0	
MON		612.0			
PHEK	64.8	317.2			
WOKHA				131.0	
<b>ODISHA</b>					
ANGUL	11.9	56.8	890.9	45.1	1004.6
BALASORE	44.1	142.8	1027.6	46.0	1260.6
BARGARH	5.1	70.1	908.6	8.1	991.8
BHADRAK	25.8	160.9	882.1	44.9	1113.7
BOLANGIR	17.3	54.5	857.9	11.6	941.2
BOUDHGARH	0.0	73.5	980.6	18.5	1072.5
CUTTACK	18.4	54.1	1002.4	58.7	1133.6
DEOGARH	6.2	80.9	1115.2	41.6	1243.9
DHENKANAL	11.4	114.6	918.8	52.7	1097.5
GAJAPATI	23.2	154.6	838.5	84.2	1100.4
GANJAM	44.1	73.6	803.8	94.4	1016.0
JAGAT SINGHPUR	45.4	78.5	971.8	109.5	1205.1
JAJPUR	24.3	163.2	953.8	36.2	1177.5
JHARSUGUDA	16.7	44.5	1373.4	28.8	1463.3
KALAHANDI	16.5	95.6	1056.7	12.1	1181.0
KANDHAMAL	27.8	107.3	774.1	24.5	933.7
KENDRAPARA	47.8	115.5	944.3	96.4	1204.1
KEONJHARGARH	27.2	128.3	830.4	63.0	1048.9
KHURDA	21.7	76.4	783.0	41.9	923.1
KORAPUT	4.4	161.4	1314.7	55.4	1535.9
MALKANGIRI	6.0	126.6	1919.2	139.2	2191.0
MAYURBHANJ	22.3	215.9	1054.9	49.2	1342.3
NAWAPARA	0.2	103.4	1040.4	3.4	1147.4
NAWARANGPUR	0.0	172.7	1472.2	21.6	1666.5
NAYAGARH	41.0	122.1	886.9	77.0	1126.9
PURI	69.4	91.4	790.5	105.9	1057.2
RAYAGADA	6.9	186.6	919.5	36.7	1149.7
SAMBALPUR	9.4	62.5	1180.3	20.1	1272.3

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
SONEPUR	1.5	62.4	877.5	14.8	956.1
SUNDARGARH	11.1	49.0	1166.9	23.2	1250.2
<b>PONDICHERY</b>					
KARAIKAL	10.8	183.1	200.3	1299.4	1693.6
PONDICHERY	19.3	255.0	307.5	1556.6	2138.4
<b>PUNJAB</b>					
AMRITSAR	80.4	86.4	376.4	19.6	562.8
BARNALA	12.2	57.5	239.6	23.5	332.8
BHATINDA	34.5	100.5	260.3	4.0	399.2
FARIDKOT	31.5	131.8	326.7	0.0	490.0
FATEHGARH SAHIB	43.3	135.9	474.0	9.2	662.3
FEROZEPUR	13.6	46.1	109.3	1.0	170.0
GURDASPUR	108.2	246.8	780.7	31.9	1167.6
HOSHIARPUR	61.0	97.8	421.7	13.2	593.7
JALANDHAR	62.6	130.1	180.3	3.0	375.9
KAPURTHALA	65.5	200.6	393.2	0.0	659.2
LUDHIANA	39.7	137.5	435.4	9.8	622.5
MANSA	19.1	44.7	85.5	2.2	151.5
MOGA	32.5	173.5	235.4	0.0	441.4
MUKTSAR	41.8	106.0	221.5	3.0	372.3
NAWANSHAHR	62.7	144.4	589.1	28.4	824.6
PATIALA	42.6	113.4	349.8	8.4	514.2
ROPAR	86.4	145.2	578.6	20.0	830.1
SANGRUR	43.6	99.1	344.1	5.8	492.5
SAS NAGAR MOHALI	92.2	115.1	608.8	7.0	823.1
TARN TARAN	65.3	195.8	194.0	10.0	465.0
<b>RAJASTHAN</b>					
AJMER	12.4	64.8	384.7	0.0	461.9
ALWAR	16.5	153.4	339.6	8.6	518.2
BANSWARA	0.1	10.3	669.1	0.7	680.2
BARAN	2.1	50.4	883.9	2.1	938.5
BARMER	1.7	24.7	427.4	0.7	454.5
BHARATPUR	25.9	106.2	396.2	20.8	549.1
BHILWARA	6.9	71.6	468.7	0.7	547.9
BIKANER	2.9	141.5	333.8	1.9	480.1

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
BUNDI	21.7	133.2	641.3	0.0	796.2
CHITTOGARH	11.4	48.3	625.3	0.0	685.0
CHURU	5.4	141.5	387.3	1.8	536.0
DAUSA	25.0	91.4	310.3	19.4	446.1
DHOLPUR	31.2	88.7	399.3	25.0	544.2
DUNGARPUR	0.0	26.2	666.8	0.0	693.0
HANUMANGARH	9.8	108.7	262.2	13.4	394.1
JAIPUR	9.6	93.1	356.1	13.4	472.2
JAISALMER	0.0	39.4	305.2	0.1	344.7
JALORE	0.0	13.0	677.0	0.0	690.0
JHALAWAR	21.3	35.5	1106.0	1.8	1164.6
JHUNJHUNU	3.4	112.7	347.0	9.8	472.9
JODHPUR	0.7	47.0	357.4	0.7	405.7
KARALI	23.2	84.6	369.3	33.9	511.0
KOTA	17.2	88.5	719.3	7.0	832.0
NAGAUJ	2.7	104.5	428.3	0.0	535.5
PALI	1.1	30.4	540.4	0.0	571.9
PRATAPGARH	3.4	20.8	687.6	0.0	711.8
RAJSAMAND	0.0	46.3	551.7	0.0	598.0
SAWAI MADHOPUR	20.1	84.4	443.8	26.0	574.3
SIKAR	13.1	101.3	504.8	6.1	625.4
SIROHI	9.1	25.3	1099.2	0.0	1133.6
SRI GANGANAGAR	6.4	87.3	284.0	1.1	378.8
TONK	15.4	112.9	478.0	0.9	607.2
UDAIPUR	8.7	41.9	628.8	0.0	679.4
<b>SIKKIM</b>					
EAST SIKKIM	24.8	731.4	1764.9	156.4	2677.5
NORTH SIKKIM	56.0	918.4	2174.8	199.3	3348.5
SOUTH SIKKIM	11.6	499.3	1846.5	117.8	2475.1
WEST SIKKIM	30.5	400.0	1537.1	61.0	2028.6
<b>TAMILNADU</b>					
ARIYALUR	4.5	110.0	263.1	681.2	1058.8
CHENNAI	14.0	59.2	370.0	1614.5	2057.6
COIMBATORE	0.0	342.4	309.4	341.1	992.9
CUDDLALORE	14.7	160.2	290.3	1240.5	1705.7

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
DHARMAPURI	26.1	250.2	341.4	449.9	1067.7
DINDIGUL	32.7	359.8	240.1	486.8	1119.4
ERODE	1.2	228.6	227.6	397.0	854.4
KANCHIPURAM	1.7	94.9	345.0	1815.1	2256.6
KANYAKUMARI	22.5	478.2	533.1	780.5	1814.3
KARUR	18.2	220.6	184.8	360.5	784.1
KRISHNAGRI	8.6	239.6	359.1	442.5	1049.8
MADURAI	11.9	313.7	263.7	413.1	1002.3
NAGAPATTINAM	19.8	162.1	186.9	1378.8	1747.6
NAMAKKAL	25.6	185.8	298.8	309.2	819.4
NILGIRI	1.5	505.6	648.1	565.7	1720.8
PERAMBALUR	23.3	205.6	341.8	527.3	1097.9
PUDUKKOTTAI	6.1	238.2	227.6	573.6	1045.5
RAMANATHAPURAM	3.7	285.5	155.8	573.8	1018.7
SALEM	22.1	277.1	348.3	488.0	1135.4
SIVAGANGA	18.8	269.1	368.2	461.5	1117.5
THANJAVUR	1.8	198.0	209.7	694.4	1103.9
THENI	18.7	387.9	365.9	400.3	1172.7
TIRUNELVELI	19.5	317.9	158.8	1051.5	1547.7
TIRUPUR	9.2	362.8	155.6	346.6	874.2
TIRUVALLUR	0.8	93.3	455.1	1469.9	2019.2
TIRUVANNAMALAI	0.0	177.5	474.1	595.8	1247.3
TIRUVARUR	3.5	271.1	218.4	1024.2	1517.2
TOOTHUKUDI	9.6	143.1	59.9	664.3	877.0
TRICHY	12.2	211.7	197.3	443.2	864.4
VELLORE	1.6	165.8	444.7	747.3	1359.3
VILUPPURAM	3.0	155.8	288.6	926.0	1373.5
VIRUDHUNAGAR	9.9	201.2	154.4	514.1	879.6
<b>TELANGANA</b>					
ADILABAD	36.4	142.4	775.2	9.1	963.1
HYDERABAD	0.1	81.2	359.7	74.8	515.8
KARIMNAGAR	31.9	108.6	656.8	13.8	811.0
KHAMMAM	1.9	84.7	888.0	22.8	997.3
MAHBUBNAGAR	3.9	95.9	328.4	43.8	472.0
MEDAK	8.5	117.4	355.8	27.3	509.0

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
NALGONDA	0.0	65.5	535.2	36.8	637.4
NIZAMABAD	15.1	149.2	469.1	28.0	661.3
RANGAREDDY	7.1	136.3	385.2	21.7	550.3
WARANGAL	6.2	118.2	832.5	23.1	980.0
<b>TRIPURA</b>					
DHALAI	39.2	750.0	1518.3	95.8	2403.2
NORTH TRIPURA	25.4	881.3	1283.7	132.9	2323.3
SOUTH TRIPURA	3.8	534.2	1935.8	135.8	2609.5
WEST TRIPURA	14.2	630.2	1358.0	86.8	2089.3
<b>UTTAR PRADESH</b>					
AGRA	32.5	110.8	213.2	16.8	373.3
ALIGARH	39.5	90.4	394.1	19.9	543.9
ALLAHABAD	60.8	82.1	412.8	21.2	576.9
AMBEDKAR NAGAR	32.0	129.2	118.0	47.0	326.2
AURAIYA	16.0	64.5	232.7	18.2	331.4
AZAMGARH	18.3	128.6	631.7	22.0	800.6
BADAUN	44.5	83.6	575.1	2.6	705.8
BAGHPAT	26.3	180.0	326.6	3.7	536.6
BAHRAICH	58.3	87.1	740.3	46.1	931.7
BALLIA	15.6	77.5	499.3	9.9	602.3
BALRAMPUR	62.5	76.0	617.2	3.8	759.5
BANDA	64.2	119.3	476.9	16.7	677.0
BARABANKI	31.0	65.4	448.4	5.3	550.1
BAREILLY	52.0	97.9	663.7	7.4	821.0
BASTI	19.1	48.7	610.1	7.9	685.9
BIJNOR	41.9	124.2	817.9	7.0	991.0
BULANDSHAHAR	13.5	72.4	459.9	6.5	552.2
CHANDAULI	26.8	65.2	513.2	8.2	613.4
DEORIA	11.5	94.5	387.3	21.5	514.8
ETAH	36.2	66.4	275.3	11.0	388.9
ETAWAH	7.0	107.2	373.9	33.9	522.0
FAIZABAD	24.4	60.8	457.8	0.6	543.6
FARRUKHABAD	23.2	82.3	346.9	9.8	462.2
FATEHPUR	21.0	51.8	97.7	16.3	186.7
FIROZABAD	32.3	122.6	436.1	18.6	609.4

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
GAUTAM BUDDHA NAGAR	50.0	136.0	404.0	0.0	590.0
GHAZIABAD	41.3	94.0	370.5	4.6	510.3
GHAZIPUR	19.5	61.3	685.5	23.8	790.2
GONDA	25.6	50.0	514.9	5.8	596.3
GORAKHPUR	37.1	108.5	563.9	7.9	717.3
HAMIRPUR	38.1	88.3	324.1	19.8	470.3
HARDOI	20.1	89.5	524.4	14.8	648.7
JALAJUN	31.4	60.8	334.5	23.3	450.0
JAUNPUR	49.1	49.0	473.7	5.1	576.9
JHANSI	53.2	72.4	389.9	18.0	533.6
JYOTIBA PHULE NAGAR	38.5	102.5	529.1	2.5	672.6
KANNAUJ	28.4	108.6	326.5	38.0	501.5
KANPUR CITY	25.9	155.3	272.1	24.3	477.6
KANPUR DEHAT	22.6	71.2	164.0	42.0	299.8
KANSHIRAM NAGAR	84.0	72.4	471.0	0.0	627.4
KAUSHAMBI	77.3	74.7	141.5	5.7	299.2
KHERI	34.9	121.9	760.2	3.5	920.5
KUSHI NAGAR	10.2	33.5	245.9	8.5	298.1
LALITPUR	61.4	59.5	321.3	7.0	449.2
LUCKNOW	33.7	89.0	336.5	9.5	468.6
MAHAMAYA NAGAR	42.3	85.0	270.3	19.0	416.6
MAHARAJGANJ	16.5	81.2	435.2	52.3	585.1
MAHOBA	38.8	61.0	251.8	18.6	370.2
MAINPURI	16.6	72.2	237.9	9.7	336.4
MATHURA	8.0	89.0	401.9	4.5	503.4
MAU	16.0	33.0	381.2	5.0	435.2
MEERUT	53.0	146.6	384.5	3.4	587.5
MIRZAPUR	35.5	41.5	571.4	36.2	684.6
MORADABAD	54.9	106.5	738.5	12.6	912.6
MUZAFFARNAGAR	26.8	152.5	592.9	12.1	784.3
PILIBHIT	48.6	95.4	364.8	10.9	519.7
PRATAPGARH	69.0	81.4	488.0	16.0	654.4
RAE BAREILLY	21.1	63.3	231.8	12.0	328.2
RAMPUR	62.2	98.5	335.5	10.9	507.2
SAHARANPUR	35.0	135.3	550.6	16.7	737.5

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
SAHUJI MAHARAJ NAGAR	58.0	112.0	340.9	20.1	531.0
SANT KABIR NAGAR	31.0	41.8	535.5	0.5	608.8
SANT RAVIDAS NAGAR	61.5	82.0	555.8	2.0	701.3
SHAHJAHANPUR	26.5	102.0	509.1	7.7	645.3
SHRAWASTI NAGAR			668.5		
SIDDHARTH NAGAR	18.5	40.8	636.0	11.5	706.8
SITAPUR	21.6	82.0	497.7	0.7	602.0
SONBHADRA	45.6	57.2	575.3	31.3	709.4
SULTANPUR	34.3	54.2	399.7	7.9	496.0
UNNAO	22.3	106.0	342.9	24.8	495.9
VARANASI	38.0	90.3	722.6	23.0	873.9
<b>UTTARAKHAND</b>					
ALMORA	71.5	196.2	630.0	18.7	916.4
BAGESHWAR	87.3	215.3	802.4	40.0	1144.9
CHAMOLI	180.6	197.1	939.9	18.9	1336.6
CHAMPAWAT	105.0	207.0	1062.0	16.3	1390.3
DEHRADUN	51.2	229.7	1268.1	33.8	1582.7
GARHWAL PAURI	46.7	142.1	778.6	14.2	981.5
GARHWAL TEHRI	121.3	224.3	562.5	14.7	922.7
HARDWAR	41.7	194.7	761.0	21.4	1018.8
NAINITAL	108.3	321.1	1268.8	39.7	1737.9
PITHORAGARH	167.6	289.6	827.5	32.9	1317.5
RUDRAPRAYAG	149.7	226.4	1016.4	23.9	1416.4
UDHAM SINGH NAGAR	44.0	121.4	730.4	4.2	900.0
UTTARKASHI	154.7	238.1	861.4	41.0	1295.2
<b>WEST BENGAL</b>					
BANKURA	18.9	148.6	946.7	12.9	1127.1
BIRBHUM	13.4	159.3	1461.0	25.5	1659.2
BURDWAN	18.7	169.9	1323.0	34.9	1546.4
COOCH BEHAR	39.6	584.3	2024.8	50.8	2699.6
DARJEELING	16.8	487.0	2366.9	59.5	2930.2
EAST MIDNAPORE	12.6	189.3	1476.4	83.6	1761.9
HOOGLY	13.2	132.4	1374.5	29.1	1549.1
HOWRAH	14.0	179.4	1465.2	31.7	1690.4
JALPAIGURI	26.8	592.9	2646.6	104.2	3370.5

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
KOLKATA	10.0	244.4	1509.2	101.7	1865.3
MALDA	20.4	301.3	1199.9	17.2	1538.9
MURSHIDABAD	14.1	150.0	1449.7	59.7	1673.5
NADIA	20.1	174.2	1161.6	52.4	1408.3
NORTH 24 PARGANAS	28.2	201.1	1428.4	57.4	1715.0
NORTH DINAJPUR	32.6	289.5	1014.5		
PURULIA	29.0	162.5	993.4	23.8	1208.6
SOUTH 24 PARGANAS	16.6	120.5	1566.7	33.9	1737.7
SOUTH DINAJPUR	23.2	158.2	717.6	42.0	940.9
WEST MIDNAPORE	18.3	202.0	1080.2	37.8	1338.2

**Table 22: % Departures of District-wise seasonal and annual rainfall – 2015**

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
<b>A &amp; N ISLAND</b>					
NICOBAR	-16%	-40%	0%	-10%	-12%
NORTH & MIDDLE ANDAMAN	179%	25%	5%	-29%	4%
SOUTH ANDAMAN	87%	10%	-7%	5%	1%
<b>ANDHRA PRADESH</b>					
ANANTAPUR	-100%	86%	3%	39%	24%
CHITTOOR	-94%	67%	-6%	135%	58%
CUDDAPAH	-15%	53%	-4%	115%	41%
EAST GODAVARI	-99%	-44%	17%	-23%	-1%
GUNTUR	-91%	-55%	4%	-52%	-18%
KRISHNA	-42%	-31%	2%	-29%	-8%
KURNOOL	-54%	1%	-28%	-56%	-31%
NELLORE	-98%	23%	-1%	48%	27%
PRAKASAM	-97%	-42%	1%	-38%	-21%
SRIKAKULAM	-59%	-43%	1%	-55%	-18%
VISHAKHAPATNAM	-85%	-21%	35%	-35%	8%
VIZIANAGARAM	-84%	-39%	22%	-60%	-6%
WEST GODAVARI	-96%	-50%	6%	-33%	-9%
<b>ARUNACHAL PRADESH</b>					

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
ANJAW	16%		-44%	-65%	
CHANGLANG	-79%	-63%	-22%	-77%	-47%
DIBANG VALLEY	-32%				
EAST KAMENG	-100%	-77%	-68%	-95%	-74%
EAST SIANG	51%	29%	18%	-70%	15%
LOHIT	-44%	-14%	-6%	-46%	-13%
LOWER DIBANG VALLEY	-56%	17%	283%	0%	120%
PAPUMPARA	-71%	8%	10%	-59%	2%
TAWANG	-76%	9%		-73%	
TIRAP	-91%	-50%	-47%	-46%	-49%
UPPER SIANG	-25%	19%	-4%	-46%	-3%
UPPER SUBANSRI	-55%	17%	24%	-26%	13%
WEST KAMENG	-88%	-34%	-51%	-68%	-50%
WEST SIANG	-67%	-13%			
<b>ASSAM</b>					
BAKSA	-29%	10%	-26%	-54%	-21%
BARPETA	-65%	15%	0%	-69%	-2%
BONGAIGAON	-54%	-8%	13%	-81%	2%
CACHAR	-75%	-4%	-15%	-52%	-16%
CHIRANG	-7%	73%	39%	-46%	40%
DARRANG	-100%				
DHEMAJI	-61%	-2%	-16%	-94%	-20%
DHUBRI	100%	38%	-6%	-80%	0%
DIBRUGARH	-60%	2%	-13%	1%	-10%
GOALPARA	-29%	26%	28%	-56%	20%
GOLAGHAT	-38%	16%	-25%	-5%	-13%
HAILAKANDI	-52%	18%	1%	-34%	3%
JORHAT	-33%	2%	-16%	-5%	-11%
KAMRUP	6%	40%	-4%	-41%	6%
KAMRUP METRO.	-32%	2%	-10%	-35%	-9%
KARBI ANGLONG	-38%	-1%	-6%	-41%	-9%
KARIMGANJ	-75%	-20%	-4%	-42%	-13%
KOKRAJHAR	-54%	-2%	11%	-80%	4%
LAKHIMPUR	-65%	-2%	4%	-55%	-3%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
MORIGAON	-55%	10%	-10%	-34%	-9%
N. C. HILLS	-54%	-35%	11%	-72%	-17%
NAGAON	-69%	-31%	-42%	-79%	-44%
NALBARI	-25%	21%	19%	-65%	14%
SHONITPUR	-69%	6%	5%	-13%	2%
SIBSAGAR	-42%	21%	-5%	27%	3%
TINSUKIA	-27%	5%	2%	-17%	1%
UDALGURI	-50%	-18%	-4%	-19%	-10%
<b>BIHAR</b>					
ARARIA	-3%	71%	-40%	-96%	-32%
ARWAL	-58%	64%	-3%	-100%	-8%
AURANGABAD	-39%	106%	0%	-95%	-4%
BANKA	43%	0%	3%	-88%	-5%
BEGUSARAI	-47%	44%	-5%	-100%	-8%
BHABUA	-31%	42%	-16%	-93%	-19%
BHAGALPUR	14%	59%	8%	-89%	4%
BHOJPUR	-80%	-18%	-56%	-87%	-57%
BUXAR	-82%		-7%	-90%	
DARBHANGA	-62%	34%	-22%	-100%	-23%
EAST CHAMPARAN	-71%	82%	-19%	-88%	-19%
GAYA	-19%	13%	-27%	-99%	-30%
GOPALGANJ	-78%	114%	-32%	-50%	-28%
JAHANABAD	-63%	-62%	-13%	-99%	-22%
JAMUI	-77%	3%	-23%	-100%	-28%
KATIHAR	180%	37%	-23%	-84%	-18%
KHAGARIA	157%	80%	2%	-100%	0%
KISHANGANJ	-36%	86%	-21%	-99%	-13%
LAKHISARAI	-87%	14%	-19%	-99%	-24%
MADHEPURA	-2%	-2%	-38%	-99%	-38%
MADHUBANI	-8%	0%	-46%	-99%	-45%
MONGHYR	-13%	-4%	5%	-99%	-4%
MUZAFFARPUR	-61%	18%	-49%	-87%	-48%
NALANDA	-46%	-13%	-29%	-100%	-33%
NAWADA	-100%	-66%	-30%	-100%	-38%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
PATNA	-47%	-37%	-41%	-86%	-43%
PURNEA	-28%	-15%	-57%	-75%	-53%
ROHTAS	-55%	270%	-9%	-85%	-7%
SAHARSA	-65%	-52%	-50%	-100%	-54%
SAMASTIPUR	-59%	60%	-3%	-97%	-6%
SARAN	-80%	28%	-38%	-86%	-39%
SHEIKHPURA	-88%	-2%	-3%	-100%	-12%
SHEOHAR	-19%	-21%	-31%	-100%	-34%
SITAMARHI	-74%	-7%	-55%	-85%	-54%
SIWAN	-81%	136%	-47%	-98%	-43%
SUPAUL	10%	66%	-31%	-84%	-25%
VAISHALI	-44%	-6%	-41%	-87%	-43%
WEST CHAMPARAN	-60%	81%	-34%	-35%	-27%
<b>CHANDIGARH</b>					
CHANDIGARH	10%	103%	-35%	-72%	-24%
<b>CHHATTISGARH</b>					
BASTAR	-71%	63%	17%	-66%	13%
BIJAPUR	256%	157%	11%	-88%	10%
BILASPUR	-24%	51%	-12%	-83%	-14%
DANTEWADA	-100%	73%	22%	-63%	17%
DHAMTARI	147%	138%	-21%	-78%	-17%
DURG	20%	269%	-13%	-99%	-10%
JANJGR	-33%	-100%	-22%	-100%	-27%
JASHPUR	-29%	-88%	-30%	-63%	-34%
KANKER	134%	-18%	-14%	-85%	-17%
KORBA	-81%	-18%	-17%	-87%	-22%
KORIYA	28%	85%	-39%	28%	-34%
KOWARDHA	-63%	-20%	-13%	-74%	-20%
MAHASAMUND	-83%	142%	10%	-90%	8%
NARAYANPUR	160%	-27%	9%	-96%	2%
RAIGARH	-100%	-80%	1%	-62%	-6%
RAIPUR	-2%	84%	-20%	-93%	-21%
RAJNANDGAON	-29%	127%	-30%	-96%	-30%
SURGUJA	-71%	180%	-30%	-36%	-26%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
<b>DADRA &amp; NAGAR HAVELI</b>					
DADRA & NAGAR HAVELI	0%		-28%	0%	
<b>DAMAN &amp; DIU</b>					
DAMAN	-100%	-19%	-56%		
DIU	-57%	267%	-2%	-100%	-9%
<b>DELHI</b>					
CENTRAL DELHI	-48%	226%	-26%	-97%	-16%
EAST DELHI	-48%	107%	-31%	-97%	-27%
NEW DELHI	-15%	222%	-19%	-96%	-9%
NORTH DELHI	-24%	254%	-16%	-92%	-4%
NORTH EAST DELHI	-85%	-47%	-35%	-97%	-41%
NORTH WEST DELHI	-69%	175%	-18%	-97%	-12%
SOUTH DELHI	-26%	257%	29%	-100%	34%
SOUTH WEST DELHI	-12%	291%	1%	-90%	13%
WEST DELHI	-51%	203%	-19%	-97%	-11%
<b>GOA</b>					
NORTH GOA	-100%	-7%	-26%	-27%	-26%
SOUTH GOA	756%	25%	-15%	-46%	-16%
<b>GUJARAT</b>					
AHMEDABAD	86%	83%	-34%	-100%	-35%
AMRELI	171%	552%	43%	-85%	38%
ANAND	-93%	365%	-43%	-100%	-43%
BANASKANTHA	-23%	31%	46%	-100%	39%
BARODA	-100%	29%	-55%	-94%	-56%
BHAVNAGAR	74%	220%	1%	-99%	-4%
BROACH	195%	119%	-44%	-95%	-45%
DAHOD	-31%	47%	-50%	-97%	-51%
DANGS	-100%	325%	-47%	-21%	-43%
GANDHINAGAR	887%	81%	-7%	-100%	-8%
JAMNAGAR	-28%	-47%	-6%	-62%	-10%
JUNAGARH	279%	699%	-24%	-80%	-25%
KHEDA	70%	115%	-38%	-99%	-39%
KUTCH	-35%	14%	31%	-82%	24%
MEHSANA	169%	64%	2%	-100%	-1%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
NARMADA	720%	354%	-41%	-97%	-40%
NAVSARI	-100%	26%	-43%	-91%	-44%
PANCHMAHAL	-100%	-38%	-47%	-100%	-50%
PATAN	0%	65%	28%	-100%	24%
PORBANDAR	-100%	266%	-41%	-97%	-43%
RAJKOT	262%	84%	7%	-93%	2%
SABARKANTHA	118%	136%	-7%	-100%	-8%
SURAT	-100%	136%	-29%	-99%	-31%
SURENDRANAGAR	25%	-47%	-26%	-91%	-30%
TAPI	-100%	-36%	-41%	-97%	-42%
VALSAD	-100%	53%	-26%	-75%	-28%
<b>HARYANA</b>					
AMBALA	-31%	216%	-50%	-81%	-38%
BHIWANI	-60%	209%	-47%	-94%	-35%
FARIDABAD	-25%	344%	-13%	-93%	2%
FATEHABAD	-32%	109%	-59%	-73%	-43%
GURGAON	-50%	172%	-19%	-100%	-14%
HISAR	-50%	178%	-41%	-70%	-26%
JHAJJAR	-41%	360%	-26%	-85%	-7%
JIND	-64%	286%	-36%	-59%	-18%
KAITHAL	-35%	178%	-52%	-39%	-37%
KARNAL	-45%	260%	-22%	-72%	-10%
KURUKSHETRA	-55%	144%	-54%	-83%	-43%
MAHENDRAGARH	-57%	143%	-56%	-71%	-43%
MEWAT	38%	376%	-22%	-100%	-9%
PALWAL	60%	500%	-42%	-80%	-22%
PANCHKULA	-17%	129%	-56%	-84%	-43%
PANIPAT	-67%	325%	-30%	-75%	-16%
REWARI	-37%	825%	-32%	-74%	-2%
ROHTAK	-81%	142%	-62%	-72%	-48%
SIRSA	-29%	257%	-25%	-60%	-3%
SONEPAT	-57%	259%	-35%	-83%	-20%
YAMUNA NAGAR	-58%	182%	-28%	-89%	-19%
<b>HIMACHAL PRADESH</b>					

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
BILASPUR	14%	138%	-18%	-30%	0%
CHAMBA	23%	67%	-46%	-15%	-23%
HAMIRPUR	38%	97%	-8%	-40%	4%
KANGRA	11%	64%	-7%	-39%	-1%
KINNAUR	11%	17%	-47%	-69%	-15%
KULLU	76%	24%	-4%	-22%	15%
LAHAUL & SPITI	-8%	-4%	-65%	-69%	-35%
MANDI	57%	51%	-14%	-2%	1%
SHIMLA	18%	29%	-1%	-36%	5%
SIRMAUR	-27%	200%	-39%	-81%	-27%
SOLAN	2%	160%	-19%	-27%	1%
UNA	49%	222%	36%	-43%	46%
<b>JAMMU &amp; KASHMIR</b>					
ANANTNAG	26%	59%	66%	28%	50%
BADGAM	58%	99%	69%	48%	76%
BARAMULA	-8%	40%	65%	68%	38%
DODA	16%	41%	34%	-13%	26%
GANDERWAL	91%	85%	47%	31%	67%
JAMMU	19%	259%	-1%	-2%	33%
KATHUA	-27%	387%	9%	-41%	26%
KULGAM	26%	86%	58%	68%	66%
KUPWARA	28%	29%	55%	85%	43%
LADAKH (LEH)	-62%	-69%	68%	-86%	-13%
PULWAMA	54%	135%	171%	135%	131%
RAJOURI	10%	350%	6%	103%	54%
RAMBAN	-5%	114%	63%	29%	57%
REASI	20%	372%	-11%	17%	30%
SAMBA	-10%	118%	-24%	-42%	-7%
SHOPIAN	-75%				
SRINAGAR	47%	116%	162%	31%	102%
UDHAMPUR	-19%	126%	-45%	28%	-17%
<b>JHARKHAND</b>					
BOKARO	-52%	81%	-22%	-86%	-21%
CHATRA	-98%	-26%	-31%	-98%	-37%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
DEOGHAR	-50%	56%	4%	-92%	-1%
DHANBAD	-55%	-17%	-32%	-93%	-37%
DUMKA	-66%	-11%	25%	-96%	8%
EAST SINGBHUM	-80%	66%	2%	-39%	3%
GARHWA	55%	31%	-35%	-83%	-33%
GIRIDIH	-48%	16%	-4%	-92%	-10%
GODDA	116%	78%	21%	-98%	17%
GUMLA	-99%	154%	8%	-54%	11%
HAZARIBAG	-72%	19%	4%	-87%	-5%
JAMTARA	-34%	28%	2%	-95%	-7%
KHUNTI	-45%	-15%	-34%	-60%	-35%
KODERMA	-72%	0%	-23%	-99%	-30%
LATEHAR	-91%	-13%	-5%	-54%	-12%
LOHARDAGA	-22%	28%	-3%	-73%	-6%
PAKUR	-23%	52%	-3%	-80%	-6%
PALAMU	-26%	16%	-25%	-67%	-26%
RAMGARH	-54%	22%	-8%	-44%	-10%
RANCHI	-67%	-12%	-37%	-58%	-38%
SAHIBGANJ	31%	104%	-7%	-76%	-3%
SERAIKELA-KHARSAWAN	-66%	21%	-28%	-84%	-30%
SIMDEGA	-46%	-47%	-17%	-35%	-20%
WEST SINGBHUM	-64%	22%	-27%	-37%	-24%
<b>KARNATAKA</b>					
BAGALKOTE	-91%	3%	-16%	-51%	-22%
BANGALORE RURAL	154%	121%	11%	16%	32%
BANGALORE URBAN	-14%	81%	-6%	49%	24%
BELGAM	-69%	24%	-39%	-41%	-31%
BELLARY	-76%	54%	-2%	-39%	-4%
BIDAR	-30%	166%	-38%	-55%	-26%
BIJAPUR	-69%	4%	-30%	-49%	-31%
CHAMARAJANAGAR	-97%	34%	-5%	32%	16%
CHICKBALLAPUR	-7%	134%	10%	82%	49%
CHIKMAGALUR	-89%	54%	-30%	7%	-19%
CHITRADURGA	-84%	67%	31%	11%	31%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
DAKSHIN KANNADA	31%	40%	-24%	21%	-16%
DAVANGERE	-61%	48%	6%	-25%	4%
DHARWAD	-99%	27%	-33%	-37%	-24%
GADAG	-92%	0%	-22%	-42%	-23%
GULBARGA	-27%	135%	-34%	-72%	-27%
HASSAN	-77%	58%	-11%	-2%	3%
HAVERI	-100%	18%	-20%	-30%	-16%
KODAGU	-41%	38%	-14%	-18%	-9%
KOLAR	-23%	110%	-6%	111%	48%
KOPPAL	-68%	71%	-6%	-72%	-12%
MANDYA	-100%	47%	13%	38%	28%
MYSORE	-58%	54%	29%	10%	29%
RAICHUR	-17%	82%	-16%	-54%	-15%
RAMANAGARA	-76%	76%	4%	15%	21%
SHIMOGA	-97%	65%	-19%	-19%	-13%
TUMKUR	-88%	40%	23%	55%	34%
UDUPI	-67%	-3%	-15%	31%	-11%
UTTAR KANNADA	335%	4%	-33%	-23%	-30%
YADGIR	-4%	55%	-45%	-74%	-42%
<b>KERALA</b>					
ALAPUZHA	-81%	8%	-35%	20%	-17%
CANNUR	11%	-7%	-19%	53%	-10%
ERNAKULAM	-91%	0%	-24%	78%	-5%
IDUKKI	-55%	23%	-25%	12%	-13%
KASARGOD	-73%	12%	-32%	20%	-24%
KOLLAM	-21%	15%	-25%	19%	-6%
KOTTAYAM	-64%	46%	-16%	36%	3%
KOZHIKODE	-100%	-11%	-23%	32%	-15%
MALAPPURAM	-100%	22%	-25%	25%	-12%
PALAKKAD	-79%	63%	-27%	-13%	-13%
PATHANAMTHITTA	-60%	32%	-32%	54%	-2%
THIRUVANANTHAPURAM	-75%	75%	-8%	53%	25%
THRISSUR	-92%	-5%	-24%	17%	-15%
WYNAD	-99%	41%	-39%	-9%	-30%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
<b>LAKSHADWEEP</b>					
LAKSHADWEEP	-93%	-4%	-14%	66%	3%
<b>MADHYA PRADESH</b>					
ALIRAJPUR	-61%	237%	2%	-68%	1%
ANUPPUR	-35%	23%	-46%	-57%	-43%
ASHOKNAGAR	353%	1250%	-14%	-52%	-3%
BALAGHAT	-64%	224%	-33%	-89%	-32%
BARWANI	59%	126%	-6%	-60%	-8%
BETUL	838%	595%	1%	-85%	21%
BHIND	79%	860%	-42%	-67%	-29%
BHOPAL	113%	222%	0%	-94%	1%
BURHANPUR	669%	327%	-10%	-99%	-3%
CHHATARPUR	98%	525%	-38%	-21%	-26%
CHINDWARA	12%	265%	5%	-41%	11%
DAMOH	91%	513%	-32%	-20%	-18%
DATIA	168%	424%	-31%	-67%	-21%
DEWAS	514%	286%	20%	-100%	22%
DHAR	294%	405%	16%	-63%	15%
DINDORI	-24%	382%	-9%	61%	2%
GUNA	273%	190%	14%	-98%	17%
GWALIOR	83%	709%	-19%	-31%	-3%
HARDA	169%	702%	3%	-89%	7%
HOSHANGABAD	182%	437%	-11%	-59%	-4%
INDORE	622%	555%	42%	-95%	45%
JABALPUR	153%	443%	-25%	-53%	-12%
JHABUA	-45%	413%	-4%	-81%	-5%
KATNI	153%	608%	-43%	0%	-27%
KHANDWA	325%	399%	11%	-62%	17%
KHARGONE	174%	333%	-4%	-84%	-3%
MANDLA	-37%	300%	-21%	-59%	-14%
MANDSAUR	199%	228%	8%	-100%	6%
MORENA	61%	553%	-40%	-45%	-27%
NARSINGPUR	139%	512%	-21%	-29%	-12%
NEEMUCH	14%	142%	-6%	-100%	-9%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
PANNA	41%	637%	-45%	-53%	-34%
RAISEN	172%	281%	-2%	-91%	0%
RAJGARH	354%	333%	63%	-97%	62%
RATLAM	443%	195%	34%	-95%	30%
REWA	103%	209%	-38%	63%	-25%
SAGAR	52%	228%	-41%	-69%	-36%
SATNA	142%	517%	-14%	16%	2%
SEHORE	201%	297%	1%	-92%	3%
SEONI	15%	234%	-24%	-41%	-15%
SHAHDOL	-67%	482%	-42%	3%	-29%
SHAJAPUR	369%	230%	69%	-98%	66%
SHEOPUR	55%	674%	-37%	-34%	-23%
SHIVPURI	44%	425%	-18%	-27%	-11%
SIDHI	49%	193%	-42%	89%	-28%
SINGRAULI	77%	463%	-26%	9%	-13%
TIKAMGARH	64%	748%	-37%	-88%	-27%
UJJAIN	328%	807%	69%	-91%	68%
UMARIA	6%	81%	-23%	-22%	-19%
VIDISHA	133%	436%	-11%	-72%	-6%
<b>MAHARASHTRA</b>					
AHMEDNAGAR	-72%	157%	-24%	-40%	-17%
AKOLA	219%	636%	-12%	-91%	2%
AMRAOTI	254%	473%	-4%	-98%	3%
AURANGABAD	147%	209%	-16%	-81%	-17%
BEED	16%	147%	-51%	-61%	-43%
BHANDARA	-54%	240%	-10%	-96%	-10%
BULDHANA	267%	502%	-13%	-95%	-7%
CHANDRAPUR	86%	227%	-9%	-92%	-6%
DHULE			2%	-89%	
GADCHIROLI	64%	93%	-19%	-80%	-18%
GONDIA	-37%	238%	-6%	-92%	-6%
HINGOLI	181%	219%	-33%	-93%	-30%
JALGAON	14%	412%	-35%	-93%	-32%
JALNA	356%	164%	-27%	-86%	-25%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
KOLHAPUR	-89%	8%	-54%	-57%	-51%
LATUR	-41%	103%	-51%	-63%	-45%
MUMBAI CITY	-100%	-10%	-25%	-20%	-25%
MUMBAI SUBURBAN	-100%	-33%	-15%	-65%	-17%
NAGPUR	-7%	216%	5%	-84%	5%
NANDED	40%	265%	-40%	-94%	-34%
NANDURBAR			-15%	-92%	
NASHIK	91%	120%	-20%	-36%	-19%
OSMANABAD	37%	110%	-46%	-53%	-39%
PARBHANI	-2%	187%	-54%	-90%	-50%
PUNE	-14%	154%	-32%	9%	-21%
RAIGAD	-100%	203%	-34%	-11%	-32%
RATNAGIRI	5900%	9%	-34%	-18%	-32%
SANGLI	244%	31%	-44%	-43%	-34%
SATARA	-100%	77%	-37%	-26%	-29%
SHOLAPUR	-100%	15%	-51%	-43%	-46%
SINDHUDURG	-100%	20%	-32%	-19%	-30%
THANE	-100%	47%	-30%	10%	-28%
WARDHA	14%	152%	-2%	-90%	-3%
WASHIM	26%	489%	-21%	-95%	-15%
YEOTMAL	99%	187%	-22%	-97%	-21%
<b>MANIPUR</b>					
CHANDEL	-29%				
IMPHAL EAST	-2%	-40%	-18%	-35%	-24%
IMPHAL WEST	-95%	142%	42%	-75%	42%
SENAPATI	-52%	-28%	-34%		
THOUBAL	-35%	-23%	-18%		
<b>MEGHALAYA</b>					
EAST GARO HILLS	-8%	61%	85%	-48%	68%
EAST KHASI HILLS	12%	-7%	44%	-66%	28%
JAINTIA HILLS	-3%	-17%	-38%	-87%	-39%
RI-BHOI	-41%	-11%	-38%	-37%	-33%
SOUTH GARO HILLS	31%				
WEST GARO HILLS	302%	17%	2%	-86%	1%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
WEST KHASI HILLS	-35%	27%	-2%	-41%	0%
<b>MIZORAM</b>					
AIZWAL	-32%	-17%	-16%	-26%	-17%
KOLASIB		-39%			
SAIHA	-58%	-41%			
SERCHHIP	-95%	-17%	8%		
<b>NAGALAND</b>					
DIMAPUR	152%	-17%	-8%	-34%	-11%
KEPHIRE		-75%	-69%		
KOHIMA	27%	-22%	-12%	-19%	-14%
MOKOKCHUNG			-67%	-76%	
MON		61%			
PHEK	58%	3%			
WOKHA				-34%	
<b>ODISHA</b>					
ANGUL	-54%	-48%	-20%	-61%	-26%
BALASORE	-8%	-35%	-13%	-80%	-25%
BARGARH	-78%	34%	-19%	-87%	-22%
BHADRAK	-41%	-17%	-18%	-77%	-26%
BOLANGIR	-36%	-32%	-27%	-87%	-31%
BOUDHGARH	-100%	-45%	-13%	-88%	-26%
CUTTACK	-56%	-63%	-14%	-65%	-25%
DEOGARH	-81%	19%	-18%	-42%	-19%
DHENKANAL	-60%	-19%	-20%	-66%	-25%
GAJAPATI	-48%	-45%	-10%	-59%	-25%
GANJAM	23%	-53%	-4%	-66%	-22%
JAGATSINGHPUR	14%	-57%	-13%	-50%	-23%
JAJPUR	-38%	-6%	-17%	-79%	-24%
JHARSUGUDA	-56%	-40%	7%	-65%	-1%
KALAHANDI	-17%	12%	-12%	-87%	-16%
KANDHAMAL	-28%	-20%	-31%	-84%	-36%
KENDRAPARA	17%	-26%	-13%	-62%	-22%
KEONJHARGARH	-43%	-32%	-21%	-56%	-27%
KHURDA	-40%	-39%	-28%	-81%	-37%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
KORAPUT	-75%	2%	4%	-70%	-5%
MALKANGIRI	-18%	18%	45%	4%	39%
MAYURBHANJ	-39%	-2%	-16%	-67%	-19%
NAWAPARA	-99%	38%	2%	-96%	-4%
NAWARANGPUR	-100%	0%	9%	-82%	0%
NAYAGARH	13%	5%	-19%	-62%	-22%
PURI	66%	-10%	-23%	-58%	-25%
RAYAGADA	-80%	-1%	-4%	-74%	-13%
SAMBALPUR	-71%	-8%	-13%	-72%	-17%
SONEPUR	-93%	-1%	-29%	-78%	-31%
SUNDARGARH	-69%	-32%	-1%	-64%	-7%
<b>PONDICHERY</b>					
KARAIKAL	-89%	175%	-32%	24%	13%
PONDICHERY	-49%	260%	-20%	85%	60%
<b>PUNJAB</b>					
AMRITSAR	35%	18%	-30%	-62%	-22%
BARNALA	-61%	85%	-33%	-24%	-26%
BHATINDA	19%	227%	-19%	-85%	-2%
FARIDKOT	4%	238%	0%	-100%	18%
FATEHGARH SAHIB	-7%	194%	-13%	-79%	-3%
FEROZEPUR	-55%	0%	-69%	-96%	-63%
GURDASPUR	-2%	145%	-6%	-57%	5%
HOSHIARPUR	-22%	28%	-41%	-78%	-36%
JALANDHAR	9%	101%	-67%	-93%	-48%
KAPURTHALA	35%	306%	-7%	-100%	16%
LUDHIANA	-21%	149%	-18%	-79%	-9%
MANSA	-38%	63%	-74%	-92%	-64%
MOGA	-6%	329%	-34%	-100%	-4%
MUKTSAR	42%	193%	-29%	-86%	-7%
NAWANSHAHAR	-20%	96%	-25%	-56%	-18%
PATIALA	-17%	149%	-43%	-79%	-32%
ROPAR	7%	59%	-21%	-64%	-13%
SANGRUR	16%	120%	-21%	-85%	-12%
SAS NAGAR MOHALI	59%	69%	-6%	-85%	1%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
TARN TARAN	80%	342%	-42%	-69%	4%
<b>RAJASTHAN</b>					
AJMER	118%	391%	-10%	-100%	0%
ALWAR	-17%	470%	-39%	-70%	-18%
BANSWARA	-96%	34%	-20%	-98%	-23%
BARAN	-79%	358%	12%	-95%	10%
BARMER	-43%	69%	76%	-90%	69%
BHARATPUR	42%	423%	-29%	-17%	-12%
BHILWARA	-20%	314%	-19%	-97%	-13%
BIKANER	-75%	487%	46%	-79%	75%
BUNDI	143%	992%	-2%	-100%	13%
CHITTORGARH	96%	200%	-12%	-100%	-10%
CHURU	-61%	413%	23%	-88%	45%
DAUSA	59%	333%	-49%	-25%	-34%
DHOLPUR	72%	390%	-39%	-30%	-25%
DUNGARPUR	-100%	244%	5%	-100%	2%
HANUMANGARH	-39%	360%	4%	43%	31%
JAIPUR	-32%	337%	-32%	-22%	-18%
JAISALMER	-100%	213%	93%	-98%	90%
JALORE	-100%	6%	72%	-100%	62%
JHALAWAR	134%	200%	29%	-96%	27%
JHUNJHUNU	-80%	252%	-15%	-56%	-2%
JODHPUR	-88%	147%	30%	-92%	32%
KARAUJI	38%	435%	-42%	29%	-27%
KOTA	72%	603%	-4%	-82%	3%
NAGAUR	-72%	360%	23%	-100%	36%
PALI	-82%	101%	21%	-100%	18%
PRATAPGARH	-29%	66%	-19%	-100%	-22%
RAJSAMAND	-100%	149%	9%	-100%	8%
SAWAI MADHOPUR	47%	441%	-33%	-6%	-20%
SIKAR	-15%	262%	25%	-65%	35%
SIROHI	62%	58%	27%	-100%	24%
SRI GANGANAGAR	-54%	213%	41%	-89%	50%
TONK	50%	615%	-16%	-96%	-1%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
UDAIPUR	80%	185%	6%	-100%	6%
<b>SIKKIM</b>					
EAST SIKKIM	-72%	38%	0%	-19%	4%
NORTH SIKKIM	-65%	16%	20%	-40%	8%
SOUTH SIKKIM	-87%	-6%	4%	-39%	-4%
WEST SIKKIM	-81%	-50%	-15%	-82%	-34%
<b>TAMILNADU</b>					
ARIYALUR	-86%	8%	-33%	25%	-1%
CHENNAI	-62%	1%	-16%	104%	55%
COIMBATORE	-100%	128%	63%	4%	44%
CUDDLORE	-67%	96%	-24%	78%	41%
DHARMAPURI	43%	56%	-13%	36%	18%
DINDIGUL	6%	114%	-19%	12%	20%
ERODE	-93%	61%	-1%	26%	22%
KANCHIPURAM	-94%	44%	-30%	183%	84%
KANYAKUMARI	-44%	66%	12%	57%	39%
KARUR	4%	102%	-13%	15%	20%
KRISHNAGRI	-19%	58%	-10%	53%	23%
MADURAI	-58%	117%	-22%	-1%	8%
NAGAPATTINAM	-77%	101%	-35%	47%	25%
NAMAKKAL	84%	25%	-12%	6%	3%
NILGIRI	-97%	115%	-15%	18%	13%
PERAMBALUR	9%	89%	18%	20%	27%
PUDUKKOTTAI	-82%	144%	-35%	41%	18%
RAMANATHAPURAM	-93%	147%	4%	17%	26%
SALEM	38%	62%	-21%	32%	14%
SIVAGANGA	-33%	122%	22%	9%	28%
THANJAVUR	-96%	94%	-34%	26%	9%
THENI	-47%	130%	131%	12%	63%
TIRUNELVELI	-72%	91%	12%	125%	83%
TIRUPUR	-34%	169%	1%	10%	41%
TIRUVALLUR	-97%	39%	1%	149%	77%
TIRUVANNAMALAI	-100%	79%	1%	33%	20%
TIRUVARUR	-94%	178%	-26%	42%	29%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
TOOTHUKUDI	-78%	28%	-20%	56%	34%
TRICHY	-46%	93%	-33%	13%	6%
VELLORE	-89%	56%	-5%	114%	45%
VILUPPURAM	-89%	105%	-29%	86%	36%
VIRUDHUNAGAR	-77%	25%	-22%	23%	7%
<b>TELANGANA</b>					
ADILABAD	151%	243%	-19%	-91%	-14%
HYDERABAD	-99%	18%	-44%	-40%	-39%
KARIMNAGAR	95%	115%	-18%	-88%	-17%
KHAMMAM	-84%	-3%	3%	-83%	-9%
MAHBUBNAGAR	-16%	70%	-41%	-60%	-35%
MEDAK	-26%	109%	-52%	-75%	-45%
NALGONDA	-100%	24%	-4%	-75%	-16%
NIZAMABAD	22%	227%	-49%	-75%	-39%
RANGAREDDY	-1%	116%	-41%	-82%	-35%
WARANGAL	-62%	114%	5%	-81%	-1%
<b>TRIPURA</b>					
DHALAI	-25%	-4%	5%	-59%	-4%
NORTH TRIPURA	-50%	6%	-16%	-43%	-12%
SOUTH TRIPURA	-90%	-8%	19%	-41%	5%
WEST TRIPURA	-62%	1%	-3%	-62%	-9%
<b>UTTAR PRADESH</b>					
AGRA	19%	399%	-69%	-56%	-52%
ALIGARH	23%	171%	-40%	-60%	-29%
ALLAHABAD	121%	361%	-49%	-56%	-36%
AMBEDKAR NAGAR	24%	296%	-87%	-6%	-68%
AURAIYA	-47%	197%	-67%	-70%	-59%
AZAMGARH	-20%	323%	-34%	-58%	-24%
BADAUN	51%	180%	-24%	-96%	-20%
BAGHPAT	-22%	434%	-40%	-89%	-17%
BAHRAICH	58%	60%	-26%	-28%	-19%
BALLIA	-19%	141%	-40%	-80%	-35%
BALRAMPUR	75%	35%	-42%	-95%	-39%
BANDA	120%	421%	-43%	-67%	-28%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
BARABANKI	-1%	106%	-52%	-91%	-48%
BAREILLY	33%	165%	-22%	-89%	-18%
BASTI	-26%	31%	-35%	-86%	-35%
BIJNOR	-29%	142%	-11%	-88%	-9%
BULANDSHAHAR	-54%	133%	-31%	-86%	-29%
CHANDAULI	-12%	140%	-39%	-82%	-35%
DEORIA	-63%	126%	-59%	-66%	-53%
ETAH	45%	156%	-55%	-77%	-46%
ETAWAH	-73%	383%	-49%	-37%	-37%
FAIZABAD	-22%	99%	-54%	-99%	-51%
FARRUKHABAD	-11%	219%	-53%	-83%	-46%
FATEHPUR	-30%	152%	-88%	-69%	-80%
FIROZABAD	33%	467%	-36%	-57%	-20%
GAUTAM BUDDHA NAGAR	75%	481%	-29%	-100%	-12%
GHAZIABAD	9%	157%	-42%	-91%	-33%
GHAZIPUR	-22%	131%	-22%	-61%	-21%
GONDA	-3%	36%	-50%	-92%	-49%
GORAKHPUR	24%	119%	-52%	-91%	-46%
HAMIRPUR	38%	526%	-59%	-54%	-47%
HARDOI	-36%	178%	-33%	-78%	-29%
JALAJUN	27%	285%	-57%	-59%	-48%
JAUNPUR	92%	110%	-46%	-89%	-40%
JHANSI	116%	287%	-53%	-64%	-43%
JYOTIBA PHULE NAGAR	0%	200%	-32%	-96%	-27%
KANNAUJ	5%	276%	-58%	-45%	-44%
KANPUR CITY	-10%	853%	-61%	-62%	-41%
KANPUR DEHAT	-9%	391%	-79%	-20%	-65%
KANSHIRAM NAGAR	223%	150%	-33%	-100%	-23%
KAUSHAMBI	184%	295%	-82%	-89%	-65%
KHERI	-7%	157%	-18%	-95%	-15%
KUSHI NAGAR	-60%	-44%	-79%	-90%	-78%
LALITPUR	102%	256%	-66%	-85%	-57%
LUCKNOW	11%	277%	-56%	-84%	-47%
MAHAMAYA NAGAR	93%	239%	-57%	-51%	-41%

DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
MAHARAJGANJ	-40%	25%	-64%	-37%	-58%
MAHOPA	39%	355%	-68%	-47%	-57%
MAINPURI	-22%	231%	-64%	-81%	-55%
MATHURA	-61%	279%	-31%	-86%	-23%
MAU	-35%	-3%	-62%	-91%	-61%
MEERUT	28%	268%	-51%	-94%	-36%
MIRZAPUR	16%	72%	-37%	-24%	-32%
MORADABAD	24%	218%	-14%	-79%	-8%
MUZAFFARNAGAR	-40%	341%	-20%	-77%	-10%
PILIBHIT	29%	121%	-63%	-87%	-55%
PRATAPGARH	175%	326%	-43%	-66%	-31%
RAE BAREILLY	-9%	286%	-69%	-81%	-62%
RAMPUR	41%	102%	-63%	-78%	-52%
SAHARANPUR	-34%	181%	-32%	-71%	-23%
SAHUJI MAHARAJ NAGAR	98%	454%	-62%	-61%	-46%
SANT KABIR NAGAR	24%	15%	-46%	-99%	-45%
SANT RAVIDAS NAGAR	101%	201%	-34%	-96%	-26%
SHAHJAHANPUR	-23%	168%	-41%	-90%	-36%
SHRAWASTI NAGAR			-33%		
SIDDHARTH NAGAR	-29%	10%	-37%	-84%	-38%
SITAPUR	-30%	130%	-42%	-99%	-40%
SONBHADRA	43%	101%	-37%	-34%	-31%
SULTANPUR	57%	94%	-52%	-85%	-47%
UNNAO	-26%	398%	-57%	-62%	-45%
VARANASI	16%	247%	-22%	-58%	-16%
<b>UTTARAKHAND</b>					
ALMORA	-23%	64%	-27%	-78%	-21%
BAGESHWAR	-6%	80%	-7%	-54%	-1%
CHAMOLI	34%	1%	9%	-76%	5%
CHAMPAWAT	27%	83%	-20%	-85%	-14%
DEHRADUN	-49%	84%	-30%	-65%	-25%
GARHWAL PAURI	-39%	52%	-36%	-82%	-33%
GARHWAL TEHRI	14%	56%	-46%	-83%	-33%
HARDWAR	-39%	202%	-21%	-56%	-11%

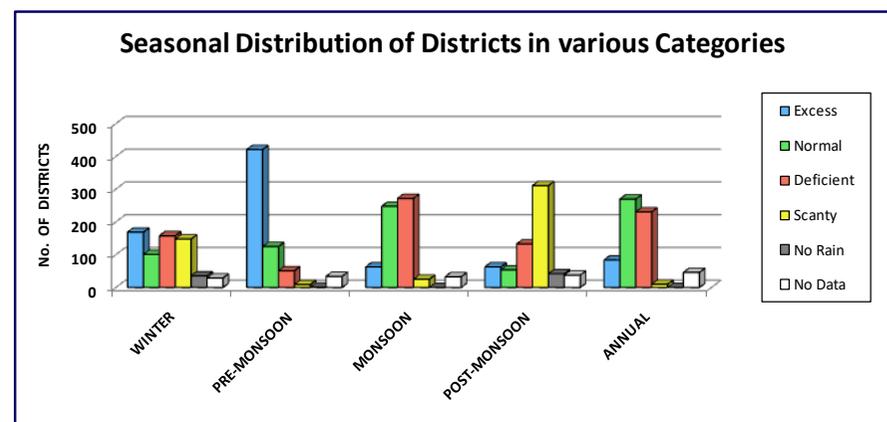
DISTRICT	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
NAINITAL	24%	184%	-12%	-62%	0%
PITHORAGARH	56%	41%	-51%	-66%	-37%
RUDRAPRAYAG	1%	-3%	-39%	-75%	-34%
UDHAM SINGH NAGAR	-10%	111%	-35%	-95%	-32%
UTTARKASHI	8%	1%	-25%	-58%	-20%
<b>WEST BENGAL</b>					
BANKURA	-37%	19%	-10%	-90%	-15%
BIRBHUM	-54%	22%	32%	-80%	19%
BURDWAN	-43%	25%	29%	-70%	18%
COOCH BEHAR	59%	13%	-26%	-69%	-22%
DARJEELING	-80%	8%	-3%	-59%	-6%
EAST MIDNAPORE	-64%	8%	21%	-65%	6%
HOOGLY	-66%	-29%	29%	-77%	9%
HOWRAH	-62%	-15%	21%	-77%	6%
JALPAIGURI	-1%	19%	-4%	-44%	-3%
KOLKATA	-74%	22%	18%	-46%	9%
MALDA	-15%	94%	7%	-86%	8%
MURSHIDABAD	-50%	7%	34%	-58%	20%
NADIA	-33%	10%	22%	-56%	12%
NORTH 24 PARGANAS	-16%	3%	22%	-64%	10%
NORTH DINAJPUR	39%	40%	-27%		
PURULIA	-17%	38%	-9%	-79%	-11%
SOUTH 24 PARGANAS	-59%	-41%	1%	-88%	-17%
SOUTH DINAJPUR	5%	-36%	-39%	-68%	-41%
WEST MIDNAPORE	-50%	-1%	-7%	-71%	-13%

The categorywise seasonal and annual distribution of no. of districts of India has been given in Table 23 and a chart depicting the distribution is also given at Figure 71. It may be observed that in monsoon season as well as annually, almost half the districts out of the 641 districts experienced excess or normal rainfall. Annually, only 10 districts remained in Scanty category of rainfall. During pre-monsoon season 421 districts remained in

Excess category. During post monsoon season, about half the districts remained in Deficient/Scanty category.

**Table 23: Category-wise Number of Districts - Seasonally and Annually - Year 2015**

CATEGORY	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
Excess	169	421	63	63	84
Normal	101	125	248	54	270
Deficient	158	51	272	133	231
Scanty	148	9	25	311	10
No Rain	36	1	0	42	0
No Data	29	34	33	38	46



**Figure 71: Categorywise Seasonal and Annual Distribution of No. of Districts – 2015**

Distribution of districts of India in terms of their areas under different categories in the four seasons and for the year 2015 has been depicted in Figure 72.

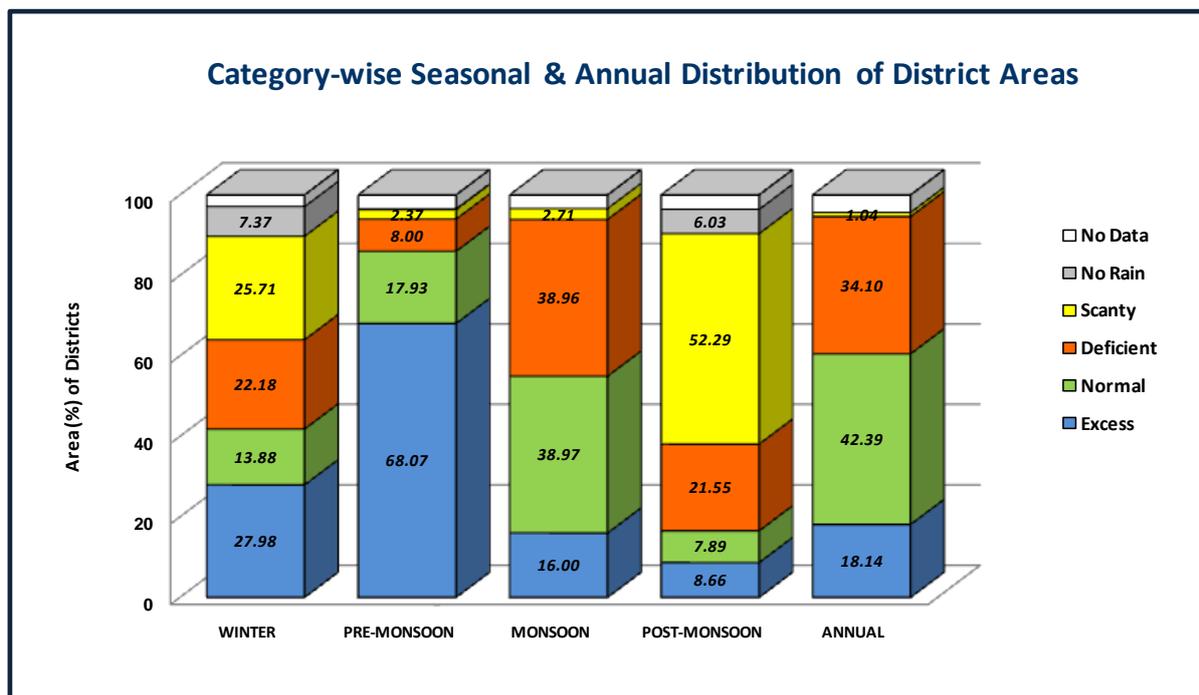


Figure 72: Category-wise distribution of Area of Districts – Seasonally and Annually – Year 2015

### AREA (%) OF DISTRICTS UNDER RAINFALL DEFICIENCY – SW Monsoon 2015

Area (%) of the 608 districts of India whose data received during SW monsoon (June-September) under different categories of rainfall deficiency have been given below in tabular form in Table 24 and has been depicted in graphical form in Figure 73 as well.

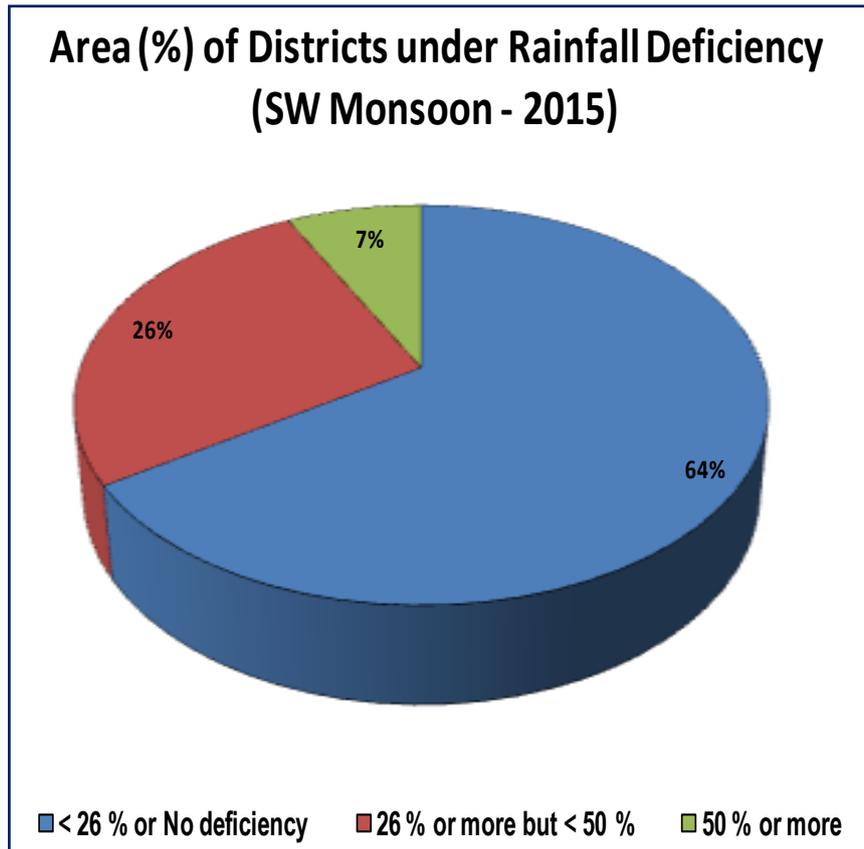
In all, there were 57 districts of India that recorded deficiency in rainfall of 50% or more but less than 75% during the South-West Monsoon season. Following 5 districts of East Uttar Pradesh experienced rainfall deficiency of 75% or more.

Fatehpur, Ambedkar Nagar, Kaushambi, Kanpur Dehat and Kushi Nagar.

Table 24: Area (%) of Districts of the country under Rainfall Deficiency - Monsoon 2015

Deficiency in Rainfall	% Area of Districts of India
< 26 % or No deficiency	64%
26 % or more but < 50 %	26%
50 % or more	7%

It may be observed from Figures 12, 69 and 73 that more realistic distribution of area in different ranges of rainfall received is obtained when we consider smaller units of administrative boundaries like district than the met-subdivision or the state, as may be seen that 7% area of districts of the country exhibit 50% or more deficiency in rainfall where as states or met. subdivisions do not show any area in this range of rainfall.



**Figure 73: Area (%) of Districts under Rainfall Deficiency – SW Monsoon 2015**

## DISTRICT-WISE MONTHLY RAINFALL STATISTICS

The district-wise observed monthly rainfall is given in **Table 25**. Also the percent departures of observed monthly rainfall from their normals have been given in **Table 26**. The rainfall statistics in respect of the districts whose data is not available through out the year have not been included in these tables.

**Table 25: District-wise Monthly Rainfall (mm) – Year 2015**

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>A &amp; N ISLAND</b>												
NICOBAR	118.2	20.2	2.7	159.0	163.3	376.3	205.0	138.4	481.6	221.8	401.4	176.7
NORTH & MIDDLE ANDAMAN	131.9	3.9	2.7	95.4	407.4	343.7	401.4	731.0	507.4	215.9	96.7	93.8
SOUTH ANDAMAN	126.6	3.9	3.8	172.1	353.7	331.0	326.3	417.1	566.3	310.4	286.6	140.5
<b>ANDHRA PRADESH</b>												
ANANTAPUR	0.0	0.0	6.1	75.1	70.4	64.2	19.1	95.3	153.3	96.0	124.0	5.3
CHITTOOR	0.9	0.0	19.1	89.6	63.4	90.6	46.2	132.1	124.4	159.9	596.5	96.2
CUDDAPAH	3.6	0.0	8.2	74.6	23.6	76.2	38.0	144.2	129.5	90.8	389.6	34.2
EAST GODAVARI	0.1	0.0	0.4	37.1	23.8	323.0	138.6	195.7	168.4	85.6	124.9	1.5
GUNTUR	1.3	0.0	0.7	18.8	17.3	183.3	93.5	144.9	142.4	31.8	78.6	0.9
KRISHNA	6.3	0.0	2.2	24.4	23.4	282.0	109.0	183.2	141.7	66.8	103.6	2.2
KURNOOL	1.4	0.0	10.6	44.5	21.3	39.1	44.0	82.0	165.3	38.4	21.3	2.4
NELLORE	0.6	0.0	9.3	50.1	29.9	59.0	28.9	149.4	112.4	69.6	757.1	119.0
PRAKASAM	0.6	0.0	3.1	27.3	14.5	79.3	53.6	129.3	122.8	57.9	119.6	26.1
SRIKAKULAM	6.5	4.1	1.4	38.4	21.3	208.5	136.1	194.6	211.6	56.9	57.3	15.7

VISHAKHAPATNAM	1.4	1.5	18.0	69.1	38.1	313.1	129.9	205.0	261.1	47.8	122.5	2.9
VIZIANAGARAM	2.4	1.2	8.0	21.6	56.2	297.4	107.0	215.0	264.3	57.4	39.1	2.5
WEST GODAVARI	0.6	0.1	1.3	6.7	33.3	278.9	125.6	243.5	179.7	90.5	93.5	0.2
<b>ARUNACHAL PRADESH</b>												
ANJAW	51.2	91.4				323.6	132.4	275.6	294.6	36.4	11.2	33.6
CHANGLANG	28.5	22.2	59.2	270.2	133.9	365.3	167.2	539.2	199.2	56.4	11.8	26.4
DIBANG VALLEY	66.0	96.0										80.0
EAST KAMENG	0.0	0.0	0.0	52.4	55.5	123.4	73.0	151.2	56.0	5.8	0.0	3.4
EAST SIANG	49.7	120.4	102.6	338.1	388.8	1133.8	650.8	1283.0	483.6	11.7	38.5	29.2
LOHIT	25.4	44.0	126.2	333.6	264.8	477.3	283.0	697.9	273.8	70.9	20.4	33.2
LOWER DIBANG VALLEY	37.0	68.1	155.4	676.5	286.5	1075.4	620.6	1374.3	1040.5	83.1	126.7	77.9
PAPUMPARA	7.0	22.0	1.4	311.2	538.3	1082.1	464.8	562.1	371.7	66.1	7.8	25.7
TAWANG	15.0	4.0	73.0	335.0	174.0	268.0	290.0		230.0	55.0	10.0	16.0
TIRAP	3.2	7.4	6.6	213.4	171.0	458.2	311.8	336.6	164.2	119.6	3.8	30.6
UPPER SIANG	77.4	109.8	363.6	623.3	409.3	812.4	399.8	625.2	631.4	64.2	108.2	55.2
UPPER SUBANSRI	7.6	26.6	58.6	165.1	160.2	343.2	208.2	258.9	164.2	43.8	10.2	26.6
WEST KAMENG	5.8	3.4	3.3	139.7	211.3	421.8	273.5	320.6	212.5	78.4	7.1	9.7
WEST SIANG	17.5	13.5	114.0	177.5	184.0	497.0	257.0	567.0				57.0
<b>ASSAM</b>												
BAKSA	11.7	14.8	12.1	229.1	444.8	723.6	235.5	621.5	218.2	55.9	8.0	17.4
BARPETA	7.6	5.4	37.3	208.4	466.0	907.4	341.6	861.7	328.6	21.0	22.8	11.1
BONGAIGAON	14.2	4.8	25.7	215.8	388.0	1010.8	361.4	999.6	218.2	5.4	26.6	5.0
CACHAR	4.6	11.1	13.1	470.7	301.9	419.8	442.4	417.9	335.3	91.8	6.8	11.3
CHIRANG	9.0	29.4	83.4	419.5	675.4	1455.0	392.8	875.8	473.8	48.8	12.2	46.6
DHEMAJI	0.0	30.0	17.0	219.0	327.0	599.0	321.0	649.0	125.0	4.0	0.0	7.0
DHUBRI	33.9	10.0	109.6	192.7	503.3	890.7	185.5	482.8	248.8	11.0	13.9	11.0
DIBRUGARH	9.8	24.0	43.8	263.0	347.8	457.9	324.6	501.9	158.3	133.1	27.8	20.0
GOALPARA	21.0	2.6	53.0	180.0	581.4	1040.5	236.2	674.1	231.3	47.2	1.8	32.7
GOLAGHAT	14.2	14.7	52.8	258.2	206.6	193.0	224.7	205.4	168.1	88.7	13.8	28.3
HAILAKANDI	1.1	22.5	60.8	573.6	285.3	339.6	299.5	713.5	292.3	107.2	14.9	7.8
JORHAT	5.7	34.0	35.2	248.3	289.3	277.3	281.2	308.3	223.9	92.2	15.9	46.5
KAMRUP	13.9	20.8	23.1	175.1	508.8	350.4	196.4	418.0	137.6	40.7	14.4	21.1
KAMRUP METRO.	2.8	19.6	33.0	194.4	288.1	241.6	221.4	296.9	270.8	60.9	2.6	20.9
KARBI ANGLONG	19.0	3.8	27.4	145.6	123.4	234.4	173.0	222.7	185.1	70.7	10.5	0.5
KARIMGANJ	5.0	7.3	4.0	421.2	467.8	461.7	370.5	807.3	416.5	159.2	20.0	19.7
KOKRAJHAR	16.5	1.3	30.1	135.0	545.4	1059.2	582.2	1198.4	308.8	16.3	8.7	11.6
LAKHIMPUR	4.9	21.6	13.8	218.2	331.4	828.4	355.1	570.0	354.1	41.9	23.1	18.6
MORIGAON	0.8	18.6	28.0	127.4	216.8	200.3	341.4	371.3	179.8	67.6	13.6	16.4
N. C. HILLS	15.3	14.0	24.1	252.3	164.8	319.2	306.8	214.4	258.6	35.8	21.1	12.6
NAGAON	2.7	8.2	9.5	120.1	110.5	153.6	191.3	182.0	121.4	16.8	6.9	8.7
NALBARI	11.8	13.2	30.1	170.3	553.1	694.2	333.4	622.6	204.8	31.2	9.4	6.7
SHONITPUR	7.9	5.2	6.4	221.0	281.4	482.3	310.3	442.8	141.7	42.3	25.9	57.1
SIBSAGAR	16.7	14.0	32.1	234.7	293.0	273.6	328.4	297.2	212.8	115.1	6.4	39.5
TINSUKIA	17.1	44.9	72.1	334.3	247.1	493.2	301.5	627.8	233.7	84.4	20.6	30.6
UDALGURI	5.2	12.0	9.3	188.1	245.6	419.5	238.4	382.8	170.3	60.1	21.5	16.7
<b>BIHAR</b>												
ARARIA	13.0	8.2	43.9	75.5	165.9	137.5	192.0	301.6	174.2	2.0	1.5	0.0
ARWAL	9.4	0.0	15.4	16.1	0.6	206.2	242.4	234.5	81.0	0.0	0.0	0.0
AURANGABAD	17.6	0.2	15.3	28.2	14.0	197.6	384.0	206.5	69.0	2.9	0.0	0.0
BANKA	27.8	0.0	10.4	44.1	19.0	202.0	310.6	294.5	85.2	11.3	0.0	0.0
BEGUSARAI	8.7	0.0	39.0	58.6	16.9	172.2	153.2	414.2	137.0	0.0	0.0	0.0
BHABUA	29.7	0.0	10.7	28.6	8.9	170.7	390.9	196.9	77.5	3.7	0.0	0.0
BHAGALPUR	28.4	3.7	31.9	71.4	53.7	204.2	360.1	300.7	188.0	11.4	0.0	0.0
BHOJPUR	5.2	0.0	10.5	8.1	16.0	80.0	150.9	148.9	28.3	7.6	0.0	0.0
BUXAR	3.8	0.0				114.7	259.6	331.2	91.2	6.3	0.0	0.0

DARBHANGA	9.7	0.0	38.7	53.8	40.3	74.1	178.3	371.9	96.4	0.0	0.0	0.0
EAST CHAMPARAN	6.3	0.2	53.8	23.3	50.4	29.9	157.2	533.5	110.6	9.8	0.0	0.0
GAYA	19.7	0.8	8.2	15.9	13.0	161.7	232.6	171.6	78.0	0.8	0.0	0.0
GOPALGANJ	5.5	0.0	38.0	46.7	24.7	74.0	242.7	278.4	77.0	34.7	0.0	0.0
JAHANABAD	7.5	0.0	5.1	6.9	4.6	192.9	186.2	216.8	114.0	0.7	0.0	0.0
JAMUI	4.3	0.0	25.2	28.1	2.1	123.7	279.1	251.2	78.8	0.0	0.0	0.0
KATIHAR	44.0	11.1	17.7	48.9	111.4	196.9	281.8	252.3	122.3	13.3	0.0	0.0
KHAGARIA	18.9	16.4	20.5	77.9	26.9	141.0	185.0	521.2	226.6	0.0	0.0	0.0
KISHANGANJ	10.6	1.3	53.5	105.5	259.4	229.5	346.6	604.3	211.6	0.2	0.0	0.0
LAKHISARAI	2.7	0.0	31.1	25.5	22.0	170.3	297.1	237.0	86.4	0.8	0.0	0.0
MADHEPURA	14.2	6.7	19.0	34.6	70.0	110.0	173.3	263.1	165.3	1.3	0.0	0.0
MADHUBANI	18.9	0.0	31.3	56.0	31.7	63.2	146.6	238.8	120.4	0.3	0.0	0.0
MONGHYR	8.4	9.0	19.6	34.1	13.0	205.0	177.3	430.4	206.7	0.4	0.0	0.0
MUZAFFARPUR	8.7	0.0	27.7	31.6	23.5	22.5	199.8	236.4	46.2	9.6	0.0	0.0
NALANDA	11.3	0.0	15.0	19.7	2.6	131.4	186.3	221.7	79.9	0.0	0.0	0.0
NAWADA	0.0	0.0	6.0	4.1	6.8	89.8	207.7	283.1	50.5	0.0	0.0	0.0
PATNA	11.8	0.0	18.2	8.0	1.4	74.5	251.0	172.7	61.8	9.4	0.0	0.0
PURNEA	9.2	3.9	32.0	29.5	81.0	131.7	140.7	193.7	99.6	24.4	0.0	0.0
ROHTAS	11.6	0.0	12.6	60.9	33.3	160.9	375.4	189.2	32.2	9.3	0.0	0.0
SAHARSA	6.0	0.0	13.0	28.0	36.0	119.7	176.6	243.7	162.8	0.0	0.0	0.0
SAMASTIPUR	8.4	1.2	37.3	37.7	35.0	116.4	130.0	510.2	242.3	2.2	0.0	0.0
SARAN	5.2	0.0	28.9	38.7	0.9	78.0	210.4	294.9	16.5	9.8	0.0	0.0
SHEIKHPURA	2.6	0.0	33.4	7.0	10.1	186.7	305.5	267.3	79.0	0.0	0.0	0.0
SHEOHAR	14.8	0.0	59.0	13.0	12.0	8.0	197.4	460.0	85.8	0.0	0.0	0.0
SITAMARHI	4.7	0.0	25.6	36.3	37.1	27.4	124.4	225.3	107.3	12.4	0.0	0.0
SIWAN	5.3	0.0	36.6	55.5	18.4	76.0	142.6	294.3	14.7	1.1	0.0	0.0
SUPAUL	13.1	4.8	56.5	65.6	75.9	101.8	192.6	235.2	194.5	13.2	0.0	0.0
VAISHALI	13.3	0.0	24.8	19.3	1.5	48.6	237.8	252.4	64.6	10.8	0.0	0.0
WEST CHAMPARAN	8.6	3.2	49.5	49.2	59.3	139.1	233.8	386.5	86.8	52.4	0.0	0.0
<b>CHANDIGARH</b>												
CHANDIGARH	45.2	46.7	119.9	21.6	17.4	63.9	257.9	109.2	117.3	17.7	0.2	0.3
<b>CHHATTISGARH</b>												
BASTAR	2.4	2.6	26.2	73.8	49.5	411.9	149.8	406.8	381.7	22.7	0.2	10.9
BIJAPUR	37.0	0.0	60.9	34.2	15.9	598.9	219.7	413.8	282.4	12.3	0.0	0.0
BILASPUR	20.7	5.5	31.7	42.3	3.0	178.2	233.7	313.5	215.5	12.3	0.0	0.4
DANTEWADA	0.0	0.0	6.8	47.8	16.7	575.6	159.5	381.3	321.9	31.1	8.1	0.0
DHAMTARI	31.8	0.0	23.6	37.1	34.2	266.3	196.5	153.4	217.2	14.0	0.0	0.5
DURG	14.6	0.0	39.6	58.2	7.8	201.8	186.4	250.7	249.3	0.3	0.0	0.0
JANJGR	16.8	0.0	0.0	0.0	0.0	213.9	339.5	273.8	111.7	0.0	0.0	0.0
JASHPUR	29.0	0.0	4.4	3.0	0.0	164.8	409.3	279.6	92.8	33.6	0.0	0.0
KANKER	44.4	0.0	19.3	17.1	7.1	351.5	171.8	246.0	294.4	13.4	0.0	0.0
KORBA	6.0	0.3	21.1	12.0	0.0	166.4	351.9	385.9	132.7	9.0	0.0	0.0
KORIYA	25.8	3.8	30.3	5.7	0.9	81.9	304.4	187.4	118.5	53.2	0.0	0.0
KOWARDHA	9.8	0.0	3.0	0.0	27.6	168.6	207.6	201.3	187.8	21.6	0.0	0.0
MAHASAMUND	2.0	0.0	2.3	54.7	11.2	371.9	215.0	319.9	245.4	4.6	0.0	1.3
NARAYANPUR	40.6	0.0	0.0	45.4	0.0	459.0	204.7	332.2	344.8	3.6	0.0	0.0
RAIGARH	0.0	0.0	8.4	0.0	0.0	263.2	335.5	390.1	171.5	20.4	0.0	3.0
RAIPUR	14.5	0.2	19.6	33.6	16.8	209.8	198.7	210.3	213.6	1.9	0.0	2.4
RAJNANDGAON	12.1	0.9	26.2	17.6	37.6	209.4	179.0	164.5	200.6	0.3	0.0	2.6
SURGUJA	6.6	3.1	26.5	74.1	1.8	82.1	392.6	263.4	97.0	42.4	0.0	0.2
<b>DADRA &amp; NAGAR HAVELI</b>												
DADRA & NAGAR HAVELI						372.5	678.4	307.9	308.6	18.8		
<b>DAMAN &amp; DIU</b>												
DAMAN	0.0	0.0	6.0	0.0	0.0	149.9	304.4	236.5	331.4	1.0		
DIU	0.6	0.0	5.5	0.0	0.0	354.6	52.6	8.0	215.8	0.0	0.0	0.0

<b>DELHI</b>												
CENTRAL DELHI	17.0	0.0	120.0	22.0	0.0	68.0	207.0	156.0	39.0	0.0	1.0	0.0
EAST DELHI	17.0	0.0	54.0	34.0	2.0	84.0	105.0	238.0	10.0	1.0	0.0	0.0
NEW DELHI	25.7	2.2	103.0	32.6	4.7	67.2	242.1	181.7	22.3	0.1	1.2	0.0
NORTH DELHI	24.9	0.0	124.7	26.6	2.9	86.9	213.7	206.6	26.2	0.3	2.6	0.0
NORTH EAST DELHI	5.0	0.0	1.0	2.0	20.0	86.0	192.0	119.0	15.0	0.0	1.0	0.0
NORTH WEST DELHI	10.2	0.0	110.0	8.0	1.5	54.8	257.8	204.5	7.7	0.0	1.0	0.0
SOUTH DELHI	24.1	0.2	91.5	40.3	23.7	79.2	289.1	414.9	34.7	0.0	0.0	0.0
SOUTH WEST DELHI	23.0	5.9	110.3	47.5	12.2	51.0	311.6	242.5	40.0	0.4	3.2	0.0
WEST DELHI	15.0	1.0	78.0	23.0	31.0	17.2	289.0	173.0	39.0	0.0	1.0	0.0
<b>GOA</b>												
NORTH GOA	0.0	0.0	51.0	0.4	44.9	796.2	809.5	461.9	264.2	135.4	18.7	0.0
SOUTH GOA	6.9	0.0	36.8	17.2	56.5	776.1	772.4	506.8	316.7	86.0	16.3	0.0
<b>GUJARAT</b>												
AHMEDABAD	2.0	0.0	6.2	4.8	2.0	115.0	206.0	24.5	55.2	0.0	0.0	0.0
AMRELI	2.2	0.0	19.5	8.4	3.3	415.9	111.5	14.4	201.3	3.8	2.5	0.0
ANAND	0.1	0.0	18.7	7.8	0.0	119.6	227.3	9.4	96.2	0.0	0.0	0.0
BANASKANTHA	2.1	0.0	2.4	6.8	0.0	50.9	712.2	32.6	27.9	0.0	0.0	0.0
BARODA	0.0	0.0	4.9	1.9	0.9	106.3	227.5	20.4	67.2	0.5	2.1	0.0
BHAVNAGAR	1.4	0.0	6.9	5.3	1.2	262.0	105.0	37.0	137.1	0.4	0.0	0.0
BROACH	1.2	0.0	8.9	2.4	1.3	147.7	167.6	12.9	109.8	1.6	0.0	0.0
DAHOD	1.4	0.0	7.5	2.5	0.0	127.3	227.0	35.1	37.4	1.1	0.0	0.0
DANGS	0.0	0.0	9.5	62.0	2.0	179.0	443.7	84.0	329.5	55.5	8.5	0.0
GANDHINAGAR	14.8	0.0	6.6	4.3	3.4	99.1	472.8	24.3	70.5	0.0	0.0	0.0
JAMNAGAR	1.1	0.0	2.4	0.0	0.0	126.1	174.7	19.2	115.3	11.2	0.0	0.0
JUNAGARH	3.4	0.0	8.2	4.5	0.0	237.9	149.7	12.2	199.2	6.2	1.9	0.0
KHEDA	2.7	0.0	3.6	4.3	5.4	109.2	287.1	25.0	82.2	0.0	0.0	0.1
KUTCH	0.8	0.0	2.1	2.2	1.2	37.2	377.5	7.0	52.0	3.9	0.0	0.0
MEHSANA	5.1	0.0	4.3	5.7	2.6	79.0	505.9	47.4	38.3	0.0	0.0	0.0
NARMADA	4.1	0.0	21.8	11.3	0.0	165.7	353.6	28.8	102.1	1.2	0.0	0.0
NAVSARI	0.0	0.0	3.9	6.1	0.0	261.1	346.4	66.7	349.0	4.8	0.0	0.0
PANCHMAHAL	0.0	0.0	1.3	3.1	0.0	136.4	264.8	40.7	38.0	0.0	0.0	0.0
PATAN	2.0	0.0	3.7	4.4	1.1	19.7	558.3	40.4	41.6	0.0	0.0	0.0
PORBANDAR	0.0	0.0	11.0	0.0	0.0	155.5	128.6	8.2	106.8	1.0	0.0	0.0
RAJKOT	1.1	0.0	7.0	0.3	0.4	217.5	204.7	22.9	132.4	2.4	0.0	0.0
SABARKANTHA	3.7	0.0	10.1	8.5	0.8	189.4	396.1	53.3	88.7	0.0	0.0	0.0
SURAT	0.0	0.0	8.9	6.2	0.0	273.6	310.4	40.2	260.0	0.6	0.0	0.0
SURENDRANAGAR	0.3	0.0	2.6	0.2	0.0	85.0	234.2	4.3	45.6	2.7	0.0	0.0
TAPI	0.0	0.0	5.8	0.0	0.0	191.4	449.8	19.0	219.6	1.0	0.4	0.0
VALSAD	0.0	0.0	10.4	0.0	0.0	372.4	561.0	197.5	304.2	15.6	0.0	0.0
<b>HARYANA</b>												
AMBALA	24.7	24.3	112.5	35.9	20.5	28.8	196.2	124.3	110.3	5.8	5.0	1.6
BHIWANI	9.0	1.1	31.7	43.7	1.3	35.5	53.4	73.9	20.2	1.3	0.0	0.0
FARIDABAD	21.6	0.0	114.6	39.6	11.0	55.6	252.7	197.1	16.8	2.3	0.0	0.0
FATEHABAD	5.4	13.5	48.7	16.4	3.8	31.9	53.8	12.9	16.2	3.0	2.7	0.0
GURGAON	10.9	0.0	49.8	17.5	6.9	31.5	180.3	139.2	30.6	0.0	0.0	0.0
HISAR	5.8	5.9	49.0	36.2	2.8	68.9	48.9	64.2	10.9	4.1	2.3	0.0
JHAJJAR	12.3	2.4	89.2	23.8	15.0	42.4	134.5	105.8	27.3	2.8	0.1	0.0
JIND	4.0	8.5	75.3	43.6	7.3	75.4	86.8	83.7	21.7	3.5	7.0	0.0
KAITHAL	7.7	13.8	42.6	25.5	5.8	31.0	89.6	42.5	19.3	4.3	9.7	0.0
KARNAL	11.4	17.0	91.0	53.0	5.0	75.5	254.8	82.1	37.6	5.6	6.7	0.0
KURUKSHETRA	6.6	15.2	55.8	40.1	5.3	32.9	109.6	90.4	28.3	4.0	1.8	1.0
MAHENDRAGARH	9.8	0.0	57.9	23.4	0.3	40.7	76.1	43.9	14.4	7.2	0.0	0.0
MEWAT	26.2	0.0	74.9	23.5	3.0	4.5	181.9	63.4	142.3	0.0	0.0	0.0
PALWAL	27.2	0.0	63.4	42.8	1.3	13.8	183.8	53.0	6.8	5.3	0.0	0.0

PANCHKULA	40.3	27.0	134.6	14.2	4.8	31.7	171.6	161.9	56.9	4.5	0.7	3.0
PANIPAT	7.8	4.3	80.1	29.9	25.9	51.7	187.6	81.2	45.0	4.4	4.1	0.0
REWARI	11.1	0.0	117.2	47.4	2.8	69.4	102.3	86.9	37.7	5.4	0.0	0.0
ROHTAK	6.6	0.2	37.3	69.8	6.0	35.1	77.2	78.4	4.0	6.5	1.2	0.0
SIRSA	9.5	6.6	66.8	19.1	13.0	21.2	103.4	39.6	17.6	8.3	0.3	0.0
SONEPAT	13.9	1.1	82.4	42.2	21.4	72.8	179.6	85.2	10.6	0.0	5.7	0.0
YAMUNA NAGAR	16.1	16.8	142.5	37.2	27.3	47.7	262.5	220.0	116.4	1.8	2.7	2.3
<b>HIMACHAL PRADESH</b>												
BILASPUR	64.7	82.5	196.6	63.1	28.9	84.4	294.5	280.9	57.9	14.9	2.6	31.0
CHAMBA	72.4	222.6	223.4	122.1	30.5	109.0	302.3	199.6	152.0	33.1	28.1	46.3
HAMIRPUR	79.0	106.9	153.4	72.5	28.4	143.0	368.1	396.0	83.2	15.5	8.4	28.0
KANGRA	65.9	115.3	180.6	66.3	32.2	160.6	624.7	576.9	109.6	28.3	8.6	27.4
KINNAUR	67.2	166.7	228.2	32.7	44.1	44.1	35.0	23.3	37.8	4.5	8.9	18.0
KULLU	110.8	212.2	195.0	113.3	47.1	91.6	235.8	108.9	62.2	15.3	26.5	34.9
LAHAUL & SPITI	53.2	194.7	182.3	104.8	74.0	42.7	28.6	18.7	71.7	11.6	18.3	13.9
MANDI	87.5	130.2	154.4	100.1	38.8	113.4	407.5	340.9	73.0	29.6	9.7	39.4
SHIMLA	54.4	109.6	148.7	70.5	30.6	87.3	299.4	199.3	41.3	15.1	11.1	21.4
SIRMAUR	38.9	42.2	209.1	44.9	29.7	80.8	322.1	351.4	51.1	7.4	1.0	8.2
SOLAN	64.2	76.8	254.9	84.3	22.5	81.9	432.6	251.0	49.2	23.3	13.1	28.4
UNA	60.8	75.4	199.3	40.4	33.6	125.4	513.5	460.4	72.4	24.6	0.0	16.3
<b>JAMMU &amp; KASHMIR</b>												
ANANTNAG	29.8	201.2	327.8	172.0	85.3	172.2	131.7	44.6	123.6	89.0	38.9	42.5
BADGAM	7.0	186.1	318.6	161.5	66.3	82.7	135.6	38.4	58.4	77.1	26.0	27.8
BARAMULA	30.9	220.5	296.9	235.6	92.5	142.0	140.7	44.1	81.1	157.5	72.5	46.8
DODA	47.0	278.4	400.0	146.4	76.9	145.2	208.8	84.0	151.8	79.0	34.8	35.0
GANDERWAL	52.0	188.0	250.4	164.3	63.6	102.5	85.8	32.8	49.0	59.2	52.6	26.2
JAMMU	14.3	132.4	354.0	137.2	32.2	105.9	450.4	180.5	118.2	48.4	11.1	20.9
KATHUA	16.6	89.2	277.4	92.4	9.5	95.5	372.4	370.8	236.1	34.8	1.2	1.6
KULGAM	22.9	162.2	467.4	166.4	53.8	168.9	69.2	10.3	177.2	63.2	39.8	55.0
KUPWARA	42.0	231.2	269.6	253.3	116.6	92.4	171.3	63.6	65.5	171.5	101.1	44.3
LADAKH (LEH)	3.1	2.8	0.9	6.0	0.9	4.3	26.3	26.1	9.8	0.0	0.0	2.1
PULWAMA	6.7	132.6	288.8	128.0	69.9	130.1	140.6	45.1	94.3	64.7	35.8	28.6
RAJOURI	29.0	110.1	269.0	191.0	43.1	106.4	373.5	99.0	110.4	86.6	25.0	30.2
RAMBAN	46.6	271.0	558.4	242.8	74.2	195.5	243.0	43.6	169.0	128.9	47.2	60.0
REASI	25.4	207.7	559.9	181.7	52.5	122.7	361.9	433.0	259.6	79.6	19.8	30.8
SAMBA	13.0	97.2	193.6	87.5	36.7	67.4	323.7	175.8	84.6	26.7	2.4	18.0
SHOPIAN	1.0	29.0										
SRINAGAR	6.7	177.8	317.9	170.3	69.9	104.2	203.4	113.5	62.2	75.7	38.5	23.8
UDHAMPUR	17.7	168.8	342.1	159.3	41.3	58.8	247.5	268.0	177.0	37.2	18.0	108.2
<b>JHARKHAND</b>												
BOKARO	11.3	1.0	22.7	56.2	58.0	153.7	393.9	211.5	63.7	13.9	0.0	0.0
CHATRA	0.0	0.7	7.4	14.7	3.5	143.6	309.2	217.5	42.7	0.7	0.7	0.0
DEOGHAR	12.7	0.0	13.6	48.7	49.0	245.8	447.1	235.9	84.9	7.3	0.0	0.0
DHANBAD	12.1	1.2	5.2	52.6	14.7	159.4	333.7	189.6	78.0	8.3	0.0	0.0
DUMKA	4.6	5.5	37.5	41.6	21.0	370.0	602.2	292.8	107.4	5.3	0.0	0.0
EAST SINGBHUM	6.5	0.0	21.6	106.1	64.9	173.0	604.1	177.2	122.4	44.2	0.0	8.5
GARHWA	39.7	0.0	19.0	17.6	0.0	87.2	370.2	126.2	24.0	10.0	0.0	0.0
GIRIDIH	8.6	2.4	17.2	53.6	13.0	158.3	443.4	353.4	68.3	7.1	0.0	0.0
GODDA	37.8	8.3	38.6	84.0	30.3	271.7	373.9	371.7	122.5	1.7	0.0	0.0
GUMLA	0.0	0.5	82.7	120.1	30.2	178.4	647.7	311.8	160.0	41.1	0.0	0.0
HAZARIBAG	4.1	4.2	35.4	36.1	2.3	291.0	341.6	339.8	68.9	12.5	0.0	0.0
JAMTARA	17.5	5.7	56.3	42.1	31.1	213.9	578.2	334.6	87.3	7.3	0.0	0.0
KHUNTI	0.0	26.0	0.0	62.4	11.4	108.0	426.7	227.5	59.5	25.0	0.0	14.0
KODERMA	8.5	0.7	12.6	36.0	3.1	128.1	307.8	215.9	63.8	0.7	0.0	0.0
LATEHAR	3.2	0.0	13.4	30.9	1.0	147.2	538.0	220.1	62.4	23.0	0.0	15.0

LOHARDAGA	22.6	4.6	56.2	30.3	13.7	149.6	480.8	278.7	68.8	20.1	0.0	1.1
PAKUR	21.2	0.0	40.6	66.0	99.8	302.7	517.5	285.6	147.6	23.2	8.9	0.0
PALAMU	21.6	0.8	25.2	10.4	2.7	73.2	410.0	197.3	48.9	9.1	0.0	10.2
RAMGARH	12.4	0.2	21.0	65.4	12.6	221.6	381.6	250.6	112.4	47.0	0.0	1.2
RANCHI	15.5	0.4	6.6	46.4	29.1	166.6	289.8	240.6	36.1	40.5	0.0	1.8
SAHIBGANJ	12.4	12.8	11.6	112.2	120.2	224.4	425.2	397.4	162.0	28.0	0.0	0.0
SERAIKELA-KHARSAWAN	13.3	0.0	14.0	64.5	39.3	109.3	507.9	116.5	79.5	13.6	0.0	0.0
SIMDEGA	15.3	5.4	0.1	30.3	8.8	131.3	601.3	324.3	97.6	30.9	0.0	19.7
WEST SINGBHUM	12.4	0.0	1.7	88.7	36.3	206.3	304.5	159.4	129.4	43.3	0.0	6.2
<b>KARNATAKA</b>												
BAGALKOTE	0.3	0.0	8.0	44.1	35.5	60.8	20.2	37.8	186.9	68.4	3.3	0.0
BANGALORE RURAL	19.0	0.0	28.4	112.0	162.1	107.5	55.8	99.9	238.2	78.8	189.4	11.2
BANGALORE URBAN	7.7	0.0	21.8	131.4	124.4	80.4	71.7	102.0	190.7	109.4	231.2	4.0
BELGAM	0.5	0.0	31.7	23.4	82.7	164.8	56.8	57.9	73.5	81.6	6.4	1.2
BELLARY	0.7	0.0	16.7	65.8	51.2	69.9	28.3	89.3	179.8	91.0	4.9	0.3
BIDAR	8.4	0.0	52.7	88.6	26.8	88.1	61.8	99.7	179.0	51.9	0.0	2.6
BIJAPUR	1.6	0.0	12.0	38.7	24.0	49.0	7.1	71.8	179.4	61.7	10.1	0.7
CHAMARAJANAGAR	0.3	0.0	29.3	108.8	148.4	86.1	14.0	68.7	135.5	109.2	205.9	9.1
CHICKBALLAPUR	6.2	0.0	39.6	81.8	123.7	50.0	66.3	178.4	159.3	105.7	298.0	6.8
CHIKMAGALUR	0.0	0.4	36.9	95.1	143.2	479.6	291.1	224.7	164.9	139.1	111.4	5.6
CHITRADURGA	0.4	0.0	18.1	34.4	106.6	74.7	42.5	84.8	152.6	120.3	54.6	1.2
DAKSHIN KANNADA	1.6	1.8	33.5	96.3	188.8	732.3	1013.1	602.5	214.6	252.1	128.5	24.2
DAVANGERE	0.8	0.0	6.8	30.7	130.0	93.3	79.2	85.4	149.2	89.4	41.6	0.7
DHARWAD	0.1	0.0	65.5	30.6	76.9	161.3	49.3	45.8	65.6	93.3	11.0	0.8
GADAG	0.2	0.0	43.8	19.2	46.2	88.6	10.0	88.5	100.8	84.1	7.5	1.8
GULBARGA	5.3	0.0	35.5	94.1	16.5	58.7	61.8	117.2	169.6	32.2	0.5	3.9
HASSAN	0.9	0.0	30.4	101.9	133.0	231.3	37.6	122.8	122.1	74.4	137.3	6.0
HAVERI	0.0	0.0	20.0	19.6	109.2	172.3	64.8	87.6	73.0	99.0	19.8	0.3
KODAGU	0.2	4.3	37.1	139.5	184.0	922.1	403.0	308.8	250.0	124.9	102.0	10.7
KOLAR	5.6	0.0	48.1	81.3	107.1	69.6	51.0	103.2	135.8	101.2	374.9	6.0
KOPPAL	0.5	0.0	14.4	68.9	40.4	61.0	12.7	98.7	187.8	35.6	3.8	0.0
MANDYA	0.0	0.0	13.6	47.0	172.3	72.2	14.5	116.9	119.1	97.9	192.7	4.9
MYSORE	2.4	0.1	32.9	99.1	167.6	182.4	30.6	113.8	116.6	93.9	132.8	9.0
RAICHUR	2.8	0.0	15.5	69.4	28.7	25.1	33.0	60.0	270.4	57.9	3.1	2.3
RAMANAGARA	1.5	0.0	17.2	139.5	161.3	80.2	28.8	136.0	226.8	81.1	196.5	2.9
SHIMOGA	0.0	0.0	25.6	47.4	129.7	568.0	294.1	241.6	129.0	89.7	64.9	0.4
TUMKUR	0.6	0.0	11.4	88.0	80.5	75.5	34.4	112.6	218.2	136.9	178.2	3.0
UDUPI	0.6	0.0	35.4	69.7	115.3	841.1	1284.2	684.4	373.6	214.9	195.3	4.9
UTTAR KANNADA	1.7	0.0	27.4	22.8	94.4	664.5	482.1	423.4	257.1	105.0	57.1	0.2
YADGIR	7.7	0.0	25.5	46.5	24.9	58.8	42.7	74.0	162.7	32.7	0.4	6.4
<b>KERALA</b>												
ALAPUZHA	3.2	5.2	98.9	237.2	177.8	474.5	235.7	188.6	238.4	375.9	189.7	120.4
CANNUR	5.0	0.0	12.3	93.9	172.5	696.6	803.0	352.9	317.2	331.5	167.3	28.6
ERNAKULAM	2.4	0.5	37.2	229.3	176.2	573.9	367.2	241.2	393.8	355.0	332.5	182.3
IDUKKI	1.4	14.4	78.4	280.6	165.9	644.9	436.3	271.3	344.0	253.6	248.1	127.6
KASARGOD	0.9	0.0	36.3	117.7	151.8	549.3	846.5	432.7	203.6	296.0	92.1	19.1
KOLLAM	7.7	32.9	34.6	279.0	226.4	411.7	185.0	141.1	255.8	386.0	307.6	68.6
KOTTAYAM	9.1	4.4	131.7	301.7	239.9	615.5	306.8	293.1	374.1	402.9	203.0	122.0
KOZHIKODE	0.0	0.0	35.3	90.5	189.5	667.9	780.5	256.9	290.1	351.3	199.3	8.8
MALAPPURAM	0.0	0.0	37.2	167.0	187.2	593.8	411.5	264.0	266.8	291.8	232.0	36.3
PALAKKAD	0.0	2.0	27.1	184.2	245.6	455.2	281.8	219.2	199.3	141.8	185.8	43.2
PATHANAMTHITTA	7.8	18.3	76.0	477.0	177.0	369.6	186.1	269.1	347.8	546.4	336.0	79.1
THIRUVANANTHAPURAM	9.6	0.4	50.6	257.3	336.8	358.7	60.6	71.4	307.1	367.0	275.8	156.8
THRISSUR	0.9	0.0	38.4	139.5	188.4	622.1	463.2	277.5	314.3	274.4	183.3	91.9
WYNAD	0.1	0.0	45.8	138.9	203.3	829.8	304.3	226.1	232.5	154.1	113.4	34.4

LAKSHADWEEP												
LAKSHADWEEP	2.2	0.5	3.7	87.1	133.1	296.7	257.5	146.7	157.5	165.4	230.7	159.0
MADHYA PRADESH												
ALIRAJPUR	0.0	2.4	22.3	10.7	6.4	214.7	447.2	37.2	119.7	3.9	11.1	0.0
ANUPPUR	15.7	19.6	52.4	15.2	0.0	94.3	235.3	219.7	88.6	29.7	0.0	0.4
ASHOKNAGAR	41.0	21.0	44.5	29.8	0.0	68.8	371.5	279.0	20.5	20.0	0.0	0.5
BALAGHAT	6.0	7.2	70.0	20.9	2.7	226.1	204.4	322.3	136.1	7.0	0.0	2.0
BARWANI	5.9	0.0	10.0	12.7	0.0	146.7	152.8	159.5	136.2	20.3	0.7	0.0
BETUL	125.9	24.1	118.8	29.0	2.2	224.5	216.0	379.3	109.4	10.8	0.0	0.0
BHIND	30.1	1.3	90.2	3.8	3.0	35.6	201.1	142.0	21.2	11.0	0.0	5.7
BHOPAL	40.1	0.0	45.5	1.6	13.1	166.7	473.8	315.2	42.6	3.2	0.0	0.0
BURHANPUR	41.5	13.1	81.6	19.9	5.3	65.2	167.4	357.6	114.0	1.0	0.0	0.0
CHHATARPUR	48.8	11.1	53.3	35.6	1.1	185.3	217.7	154.7	50.5	22.2	10.6	8.2
CHINDWARA	26.5	9.6	79.1	34.5	10.7	186.7	239.3	363.9	140.3	41.4	0.7	0.6
DAMOH	59.7	10.5	64.1	69.0	0.5	116.9	221.0	360.4	28.5	40.8	0.0	0.0
DATIA	38.5	8.7	72.1	6.5	0.0	42.0	257.6	200.0	37.3	9.9	0.0	7.0
DEWAS	70.6	0.0	21.8	21.8	0.0	227.5	471.2	370.2	74.8	0.0	0.0	0.0
DHAR	11.9	5.0	23.4	8.4	0.0	178.5	507.7	167.6	101.2	16.4	1.5	0.0
DINDORI	19.2	10.6	100.8	24.6	9.2	320.4	327.7	320.7	126.8	99.7	0.0	3.2
GUNA	45.2	26.5	38.9	10.5	1.7	143.2	611.6	310.5	12.8	0.8	0.0	0.0
GWALIOR	36.5	5.8	117.9	5.3	17.7	62.3	369.8	159.8	48.3	34.6	0.0	3.3
HARDA	29.5	11.5	50.6	30.5	2.3	165.4	332.3	507.2	69.5	6.9	0.0	0.0
HOSHANGABAD	39.3	17.4	80.7	21.3	7.7	155.4	453.1	481.4	60.5	25.5	0.0	0.0
INDORE	58.7	0.5	56.2	17.6	0.2	250.9	598.6	281.6	62.1	3.0	0.0	0.0
JABALPUR	59.6	15.3	98.2	23.8	1.2	115.0	350.4	276.1	80.8	23.5	0.0	0.0
JHABUA	1.6	0.0	27.6	21.6	0.0	147.0	497.0	45.0	25.8	10.5	0.0	0.0
KATNI	56.0	29.0	73.3	30.0	0.0	114.9	176.3	207.0	104.3	41.6	0.0	0.0
KHANDWA	42.1	6.3	41.1	44.9	1.3	174.7	262.0	403.3	105.1	23.0	0.0	0.0
KHARGONE	20.7	0.7	36.0	8.7	1.2	172.1	181.6	260.1	111.4	8.2	0.0	0.0
MANDLA	5.6	23.9	126.3	27.7	5.5	205.4	312.2	365.6	97.3	26.3	0.0	0.0
MANDSAUR	15.3	4.8	34.8	2.3	0.0	147.2	525.4	163.6	7.3	0.0	0.0	0.0
MORENA	26.4	4.5	84.9	6.6	2.6	98.7	181.3	135.2	8.3	14.8	0.0	4.6
NARSINGHPUR	49.0	2.1	73.0	11.4	0.0	130.2	365.8	283.7	59.7	31.2	0.0	0.0
NEEMUCH	8.3	0.0	29.3	0.0	0.0	83.2	465.3	152.8	2.7	0.0	0.0	0.0
PANNA	39.8	12.7	85.0	27.7	0.0	69.7	236.9	230.1	53.2	18.7	3.5	0.0
RAISEN	53.3	0.0	40.2	12.5	2.8	159.1	483.6	388.4	61.5	4.6	0.0	0.0
RAJGARH	57.9	5.6	41.8	8.1	1.2	191.7	899.3	334.3	23.8	1.6	0.0	0.0
RATLAM	29.5	6.4	23.1	4.0	0.0	221.1	806.8	108.0	34.3	2.7	0.0	0.3
REWA	64.2	0.7	42.3	11.8	1.7	100.4	287.5	202.4	15.7	76.4	0.0	0.0
SAGAR	44.9	0.7	47.2	14.4	1.3	111.2	264.1	234.3	30.7	16.9	0.0	0.0
SATNA	89.3	4.5	74.4	13.5	22.5	115.9	301.6	286.0	120.1	48.7	4.9	0.0
SEHORE	45.6	2.0	41.7	7.4	0.2	186.5	583.8	263.5	47.0	4.8	0.0	0.0
SEONI	1.5	41.3	100.9	24.8	14.8	139.1	264.5	321.8	61.0	44.0	0.0	0.0
SHAHDOL	12.0	2.0	61.9	48.2	40.0	66.0	295.6	154.0	60.0	48.0	0.0	0.0
SHAJAPUR	61.3	2.0	34.1	6.5	0.4	278.0	789.6	378.3	27.3	1.0	0.0	0.0
SHEOPUR	19.8	0.5	99.5	3.5	0.0	97.0	143.3	211.7	8.5	19.0	0.0	6.0
SHIVPURI	22.1	6.5	63.8	3.0	0.5	61.2	224.5	335.7	17.8	30.8	0.0	3.5
SIDHI	52.8	0.0	49.8	20.4	1.4	129.4	229.0	210.2	17.0	96.0	0.0	0.0
SINGRAULI	40.8	0.0	66.0	21.1	3.0	65.0	232.7	298.4	18.3	52.0	0.0	2.3
TIKAMGARH	34.5	10.0	80.0	15.0	0.0	62.5	237.0	209.0	31.5	5.5	0.0	0.0
UJJAIN	33.8	2.6	48.8	24.2	1.4	271.6	872.2	230.8	30.6	2.2	0.0	3.0
UMARIA	47.4	3.6	51.5	4.6	0.8	116.6	296.2	391.6	42.7	48.5	0.0	0.0
VIDISHA	51.6	0.0	50.2	8.2	0.0	134.7	403.2	276.6	77.7	11.6	1.6	0.0
MAHARASHTRA												
AHMEDNAGAR	0.5	0.0	69.9	0.4	6.6	96.4	34.7	32.9	169.7	35.0	27.1	0.0

AKOLA	43.4	1.0	122.3	44.4	1.9	157.3	67.3	258.2	131.9	6.6	0.0	0.0
AMRAOTI	50.0	8.1	82.7	17.2	2.7	221.5	125.2	304.3	107.2	1.6	0.0	0.0
AURANGABAD	7.7	2.5	43.3	22.7	5.1	169.1	26.4	98.0	204.4	15.4	2.6	0.0
BEED	5.2	0.0	31.2	38.3	5.8	67.4	11.8	79.4	123.2	22.4	18.6	0.0
BHANDARA	10.9	2.4	86.7	32.1	14.8	258.6	251.2	350.5	158.4	1.4	0.0	2.2
BULDHANA	25.0	3.0	54.8	39.8	7.8	110.0	42.9	225.2	181.7	3.9	0.0	0.0
CHANDRAPUR	35.5	2.2	59.8	26.8	34.2	331.6	154.7	294.0	246.1	6.8	0.0	0.0
DHULE						151.6	93.8	78.2	210.0	6.6	0.5	0.0
GADCHIROLI	28.3	0.0	35.4	29.3	18.8	415.4	159.0	296.4	189.7	17.7	0.0	0.0
GONDIA	15.3	1.4	70.0	26.8	17.4	251.9	286.0	392.2	218.8	4.1	0.0	2.3
HINGOLI	20.0	7.5	35.8	39.8	9.5	164.1	44.0	170.2	192.2	6.8	0.0	0.0
JALGAON	0.7	5.8	48.3	12.0	7.2	99.3	45.9	135.7	134.9	3.0	1.9	0.0
JALNA	18.6	5.1	41.0	22.3	2.0	126.1	14.2	139.2	164.8	11.9	1.6	0.0
KOLHAPUR	0.2	0.0	33.7	8.3	55.9	409.7	176.6	163.7	53.4	67.1	3.4	0.0
LATUR	4.7	0.0	20.1	43.4	18.7	81.0	31.5	105.4	154.1	37.2	3.3	0.0
MUMBAI CITY	0.0	0.0	13.6	1.4	2.4	866.3	280.2	188.3	270.0	73.3	1.5	0.0
MUMBAI SUBURBAN	0.0	0.0	13.0	0.0	0.0	1106.7	359.1	153.9	203.5	31.3	1.6	0.0
NAGPUR	7.8	15.1	69.1	32.5	14.0	277.2	173.7	382.3	136.9	13.0	0.2	0.0
NANDED	13.1	0.0	36.0	55.5	29.4	168.5	50.3	146.4	127.7	6.3	0.0	0.0
NANDURBAR						160.0	290.1	31.5	222.2	3.1	1.0	0.0
NASHIK	3.3	0.0	37.8	7.9	0.0	177.3	254.6	90.2	206.9	36.4	24.3	0.0
OSMANABAD	8.2	0.0	20.6	42.3	16.2	77.4	20.5	99.2	139.1	46.3	6.7	0.0
PARBHANI	8.3	0.3	21.6	55.4	8.5	93.9	24.8	80.7	148.3	9.9	0.0	0.0
PUNE	0.0	0.6	50.2	13.3	29.3	229.6	142.1	53.8	156.6	83.1	45.3	0.0
RAIGAD	0.0	0.0	54.2	1.6	11.5	897.6	543.3	365.6	247.8	106.1	16.7	0.0
RATNAGIRI	6.0	0.0	31.7	0.0	6.7	1030.4	408.4	446.0	282.0	129.5	13.3	0.0
SANGLI	8.6	0.0	31.9	18.6	55.6	131.2	23.0	26.3	106.3	73.6	5.7	0.0
SATARA	0.0	0.0	27.1	10.7	56.9	223.9	73.8	57.4	100.6	83.9	15.0	0.0
SHOLAPUR	0.0	0.0	16.1	10.8	21.8	96.2	5.1	32.0	98.5	66.3	4.3	0.5
SINDHUDURG	0.0	0.0	45.9	3.9	26.3	786.6	516.6	529.1	226.6	107.3	41.2	0.0
THANE	0.0	0.0	21.9	0.0	0.0	545.4	657.9	258.6	235.8	60.6	47.7	0.0
WARDHA	13.8	9.6	69.0	18.2	7.1	233.2	194.1	301.6	136.5	8.7	0.0	0.0
WASHIM	14.2	4.3	81.6	39.7	0.7	201.1	73.5	248.4	132.1	3.8	0.0	0.0
YEOTMAL	22.3	3.9	59.0	19.0	9.8	204.9	85.1	203.7	169.7	2.1	0.0	0.0
<b>MANIPUR</b>												
CHANDEL	21.0	5.0										
IMPHAL EAST	41.3	5.4	17.8	199.9	45.5	225.1	328.6	251.3	154.2	112.7	9.8	0.2
IMPHAL WEST	2.1	0.3	11.8	555.7	176.0	377.2	486.4	362.0	157.7	35.2	2.6	11.2
SENAPATI	18.1	2.5	4.0	193.5	69.0	161.0	257.2	308.0	123.0			
THOUBAL	17.0	10.0	8.0	122.0	85.0	169.0	234.0	162.0	119.0	62.0	0.0	
<b>MEGHALAYA</b>												
EAST GARO HILLS	7.4	12.5	113.7	394.5	557.2	1193.0	276.3	956.8	663.8	87.2	17.4	0.0
EAST KHASI HILLS	19.1	25.0	40.6	370.6	683.5	2414.0	784.0	2370.9	1079.1	96.6	8.7	6.6
JAINTIA HILLS	40.0	35.3	71.0	461.5	293.5	918.0	730.8	856.0	410.4	80.0	0.0	0.0
RI-BHOI	12.2	6.4	39.5	144.6	212.4	183.3	144.8	352.9	229.7	66.2	33.6	0.4
SOUTH GARO HILLS	3.0	20.0				601.0	646.0	313.0				4.0
WEST GARO HILLS	47.6	22.8	33.4	175.4	467.6	547.6	203.5	570.2	388.8	10.4	3.0	12.0
WEST KHASI HILLS	10.0	23.0	61.0	356.0	313.0	530.0	274.0	1377.0	547.0	143.0	0.0	1.0
<b>MIZORAM</b>												
AIZWAL	15.7	15.0	34.1	271.2	228.7	379.1	397.9	433.4	299.5	240.9	4.8	3.1
KOLASIB			3.0	183.0	198.0	122.0	130.0					
LUNGLEI						673.0			802.0	64.0		8.0
SAIHA	15.8	0.0	24.0	177.0	105.0	351.0	362.0					
SERCHHIP	0.0	2.5	47.4	295.2	111.1	290.2	573.8	508.0	418.1	158.0	3.0	
<b>NAGALAND</b>												

DIMAPUR	24.7	22.7	24.6	145.8	68.1	176.9	227.0	178.7	168.4	95.8	21.7	5.3
KEPHIRE			1.8	69.2	47.0	77.6	145.2	112.2	101.0		12.4	
KOHIMA	25.6	26.8	21.8	169.8	48.3	192.1	297.0	442.0	214.7	131.6	2.4	2.8
MOKOKCHUNG						77.0	195.0	200.0	83.0	34.0	0.0	12.0
MON			29.0	344.0	239.0	237.1	301.4	326.2			6.0	56.0
PHEK	41.0	23.8	73.2	153.8	90.2	135.0		214.0	117.4		4.8	5.2
WOKHA										111.0	0.0	20.0
<b>ORISSA</b>												
ANGUL	8.4	3.5	2.2	25.6	28.9	200.0	320.0	215.8	155.1	18.5	0.2	26.3
BALASORE	32.8	11.3	28.2	91.7	22.9	255.6	457.9	176.3	137.9	26.4	0.2	19.4
BARGARH	0.3	4.8	6.6	63.0	0.5	259.2	253.8	276.2	119.4	0.8	0.0	7.3
BHADRAK	22.8	3.1	14.6	75.2	71.1	143.5	448.9	193.3	96.3	36.8	1.7	6.5
BOLANGIR	16.5	0.8	5.7	38.7	10.1	174.9	235.6	234.9	212.5	2.6	0.0	9.0
BOUDHGARH	0.0	0.0	0.7	53.9	18.8	287.8	267.3	272.8	152.7	1.1	0.0	17.4
CUTTACK	18.4	0.0	1.6	43.1	9.4	196.1	310.9	297.6	197.9	42.3	5.5	10.9
DEOGARH	0.0	6.2	5.6	40.4	35.0	211.5	430.3	283.8	189.6	12.7	0.0	28.9
DHENKANAL	11.4	0.0	2.4	71.3	40.9	157.4	354.9	265.1	141.4	29.4	0.0	23.2
GAJAPATI	13.1	10.0	9.4	83.7	61.6	295.8	135.1	167.4	240.2	41.7	21.4	21.0
GANJAM	42.8	1.4	15.6	50.4	7.5	186.2	148.1	166.0	303.6	41.3	30.9	22.3
JAGATSINGHPUR	37.6	7.8	4.7	50.1	23.7	79.0	409.0	310.7	173.1	95.5	8.6	5.3
JAJPUR	15.9	8.4	11.4	94.9	56.8	169.3	447.7	196.1	140.6	24.3	0.0	11.9
JHARSUGUDA	13.2	3.5	3.0	34.0	7.5	182.0	487.0	444.0	260.5	3.3	0.0	25.5
KALAHANDI	16.5	0.0	6.4	57.4	31.9	226.7	250.5	234.2	345.3	3.3	0.6	8.3
KANDHAMAL	20.0	7.8	9.3	74.9	23.1	159.5	183.6	203.1	228.0	3.0	0.0	21.5
KENDRAPARA	44.2	3.7	3.3	88.7	23.5	127.3	411.8	281.2	124.0	80.7	15.3	0.3
KEONJHARGARH	12.0	15.2	12.0	62.0	54.3	219.4	327.8	167.7	115.5	34.5	0.0	28.6
KHURDA	16.8	5.0	17.2	47.3	11.9	109.7	224.7	262.7	185.9	30.3	5.7	5.9
KORAPUT	3.7	0.8	19.6	82.1	59.7	323.7	104.7	318.1	568.2	36.3	15.0	4.2
MALKANGIRI	3.0	3.0	8.0	68.4	50.2	635.8	159.6	592.6	531.2	107.0	31.2	1.0
MAYURBHANJ	20.0	2.3	25.7	122.6	67.7	249.3	480.0	207.2	118.4	21.9	0.0	27.3
NAWAPARA	0.2	0.0	2.4	78.6	22.4	264.4	280.9	203.7	291.5	2.0	0.0	1.4
NAWARANGPUR	0.0	0.0	3.1	117.1	52.6	425.2	181.3	313.2	552.5	13.0	0.0	8.6
NAYAGARH	38.6	2.3	12.5	73.2	36.4	153.2	190.2	270.5	273.0	36.5	7.3	33.3
PURI	66.3	3.1	0.9	87.6	2.9	99.9	219.5	284.8	186.3	30.1	42.8	33.0
RAYAGADA	6.0	0.9	23.1	112.2	51.4	255.8	157.3	229.2	277.2	20.1	7.2	9.5
SAMBALPUR	5.8	3.6	7.4	52.6	2.5	248.8	463.3	331.6	136.6	5.5	0.0	14.7
SONEPUR	1.2	0.3	0.3	58.7	3.3	275.4	218.9	248.0	135.1	1.3	0.0	13.5
SUNDARGARH	10.7	0.4	8.4	17.9	22.8	195.5	493.9	337.0	140.5	9.3	0.0	13.8
<b>PONDICHERY</b>												
KARAIKAL	10.8	0.0	0.0	83.5	99.6	63.2	21.7	47.8	67.6	86.1	745.8	467.5
PONDICHERY	19.1	0.2	0.0	103.0	152.0	15.0	52.2	162.9	77.4	71.0	807.6	678.0
<b>PUNJAB</b>												
AMRITSAR	18.1	62.3	45.9	20.4	20.1	55.0	144.8	97.7	78.9	18.9	0.6	0.2
BARNALA	11.2	1.0	17.3	29.3	11.0	44.0	54.6	56.0	85.0	23.5	0.0	0.0
BHATINDA	21.0	13.5	80.0	7.5	13.0	22.3	101.0	73.9	63.0	4.0	0.0	0.0
FARIDKOT	5.5	26.0	87.7	42.1	2.0	87.2	99.5	99.0	41.0	0.0	0.0	0.0
FATEHGARH SAHIB	18.7	24.6	87.5	20.9	27.5	36.3	249.7	98.3	89.8	9.2	0.0	0.0
FEROZEPUR	2.8	10.8	33.2	9.9	2.9	25.5	45.5	18.4	19.9	1.0	0.0	0.0
GURDASPUR	26.4	81.8	180.7	55.3	10.8	70.6	277.8	274.3	158.0	23.7	5.0	3.3
HOSHIARPUR	10.4	50.6	64.2	20.1	13.6	30.2	155.4	105.5	130.6	12.0	0.0	1.2
JALANDHAR	22.5	40.0	64.9	40.8	24.4	30.6	65.0	40.3	44.5	3.0	0.0	0.0
KAPURTHALA	16.0	49.4	106.7	49.7	44.2	66.5	182.4	92.2	52.1	0.0	0.0	0.0
LUDHIANA	19.1	20.6	73.5	44.6	19.4	25.8	222.3	113.6	73.7	8.3	0.5	1.0
MANSA	7.4	11.7	25.9	16.3	2.5	31.5	52.4	0.0	1.6	2.2	0.0	0.0
MOGA	12.6	19.9	109.1	47.7	16.7	96.9	37.1	31.8	69.6	0.0	0.0	0.0

MUKTSAR	22.5	19.3	58.3	20.4	27.3	57.5	75.5	49.0	39.5	3.0	0.0	0.0
NAWANSHAHAR	31.7	31.0	104.3	19.3	20.8	44.4	364.6	115.1	65.1	20.9	0.0	7.5
PATIALA	15.5	27.1	78.0	22.0	13.4	55.8	144.7	93.4	55.8	7.3	1.1	0.0
ROPAR	44.1	42.2	92.5	30.6	22.2	54.0	245.9	206.2	72.5	15.7	0.0	4.3
SANGRUR	23.5	20.1	40.5	40.3	18.4	68.8	107.6	90.4	77.3	4.7	1.1	0.0
SAS NAGAR MOHALI	52.7	39.6	88.4	13.6	13.0	112.5	246.8	157.2	92.3	7.0	0.0	0.0
TARN TARAN	11.7	53.6	88.4	66.7	40.7	45.2	66.7	27.7	54.5	5.0	5.0	0.0
<b>RAJASTHAN</b>												
AJMER	12.4	0.0	49.6	15.1	0.1	51.5	217.3	111.8	4.1	0.0	0.0	0.0
ALWAR	16.5	0.0	113.5	36.2	3.7	34.4	116.2	133.8	55.3	5.4	3.2	0.0
BANSWARA	0.1	0.0	7.3	3.0	0.0	122.6	407.7	112.6	26.1	0.7	0.0	0.0
BARAN	1.9	0.3	42.4	6.6	1.4	130.4	398.3	334.9	20.4	0.5	0.0	1.6
BARMER	1.7	0.0	3.7	8.0	13.0	39.8	302.3	24.7	60.7	0.7	0.0	0.0
BHARATPUR	25.9	0.0	65.0	27.8	13.4	54.0	161.7	161.7	18.8	16.1	1.0	3.7
BHILWARA	6.9	0.0	63.9	3.3	4.3	86.8	291.7	78.3	11.9	0.2	0.0	0.5
BIKANER	0.2	2.8	60.5	43.3	37.7	44.0	162.0	93.9	33.9	1.9	0.0	0.0
BUNDI	21.7	0.0	125.1	5.8	2.3	130.5	283.0	224.2	3.7	0.0	0.0	0.0
CHITTORGARH	10.9	0.5	40.9	3.9	3.5	92.2	362.4	150.8	19.9	0.0	0.0	0.0
CHURU	3.8	1.6	63.9	54.9	22.7	47.5	214.4	116.3	9.2	1.7	0.1	0.0
DAUSA	25.0	0.0	78.8	12.0	0.6	63.3	115.8	121.4	9.8	17.4	2.0	0.0
DHOLPUR	31.2	0.0	72.0	13.3	3.3	72.3	113.5	190.5	23.0	17.8	0.0	7.2
DUNGARPUR	0.0	0.0	19.1	7.1	0.0	149.5	384.3	84.8	48.2	0.0	0.0	0.0
HANUMANGARH	4.5	5.3	62.4	38.1	8.1	47.1	103.6	56.1	55.4	12.4	1.0	0.0
JAIPUR	9.5	0.1	69.2	23.7	0.2	67.4	207.5	72.4	8.7	12.9	0.5	0.0
JAISALMER	0.0	0.0	16.8	14.9	7.8	40.1	169.7	44.2	51.1	0.1	0.0	0.0
JALORE	0.0	0.0	1.2	9.6	2.3	86.8	499.3	74.4	16.6	0.0	0.0	0.0
JHALAWAR	21.3	0.0	30.7	4.8	0.0	165.1	624.5	283.9	32.5	1.8	0.0	0.0
JHUNJHUNU	2.9	0.5	53.9	44.7	14.0	80.7	127.2	114.4	24.8	5.0	4.8	0.0
JODHPUR	0.7	0.0	10.8	20.4	15.7	68.1	222.1	47.9	19.3	0.7	0.0	0.0
KARALI	23.2	0.0	68.5	13.6	2.5	83.4	99.2	175.9	10.8	15.4	9.5	9.0
KOTA	16.6	0.7	72.6	15.9	0.1	99.6	344.0	264.3	11.4	0.0	6.1	0.9
NAGOUR	2.7	0.0	42.4	45.0	17.1	70.7	290.7	57.4	9.5	0.0	0.0	0.0
PALI	1.1	0.0	25.1	4.0	1.3	92.4	373.9	69.2	5.0	0.0	0.0	0.0
PRATAPGARH	3.4	0.0	19.0	1.8	0.0	148.4	436.2	88.2	14.8	0.0	0.0	0.0
RAJSAMAND	0.0	0.0	39.3	1.6	5.4	103.1	329.9	107.9	10.9	0.0	0.0	0.0
SAWAI MADHOPUR	20.1	0.0	72.9	10.6	0.9	143.6	140.4	152.4	7.5	22.1	0.3	3.6
SIKAR	13.1	0.0	43.0	41.0	17.3	65.9	303.3	130.4	5.1	6.1	0.0	0.0
SIROHI	9.1	0.0	14.6	9.9	0.8	185.6	785.2	95.4	33.0	0.0	0.0	0.0
SRI GANGANAGAR	4.4	2.0	54.3	24.4	8.6	28.2	116.8	59.1	80.0	1.1	0.0	0.0
TONK	15.4	0.0	83.1	22.2	7.6	81.0	246.5	141.6	8.9	0.9	0.0	0.0
UDAIPUR	8.7	0.0	27.7	14.3	0.0	111.8	369.3	105.1	42.7	0.0	0.0	0.0
<b>SIKKIM</b>												
EAST SIKKIM	7.4	17.4	73.3	270.3	387.8	603.1	561.0	284.7	316.1	99.6	55.8	1.0
NORTH SIKKIM	22.0	34.0	180.6	239.4	498.4	796.4	393.6	664.7	320.2	102.8	59.0	37.5
SOUTH SIKKIM	2.4	9.2	74.4	155.0	269.9	394.8	625.8	377.3	448.5	84.0	30.0	3.8
WEST SIKKIM	7.0	23.5	38.5	121.0	240.5	446.6	351.0	273.0	466.5	56.0	1.0	4.0
<b>TAMILNADU</b>												
ARIYALUR	4.5	0.0	0.5	42.7	66.8	40.2	125.2	51.2	46.6	153.1	372.2	155.9
CHENNAI	14.0	0.0	0.0	52.8	6.4	26.4	153.5	120.5	69.5	149.0	1017.7	447.8
COIMBATORE	0.0	0.0	27.3	129.8	185.2	104.6	52.2	60.3	92.3	113.1	193.1	34.9
CUDDALORE	14.7	0.0	0.4	64.1	95.7	72.2	83.3	88.1	46.7	99.1	726.4	415.0
DHARMAPURI	25.5	0.6	34.7	92.8	122.7	78.4	8.3	126.6	128.2	117.1	294.2	38.6
DINDIGUL	32.6	0.1	29.2	140.4	190.2	64.8	19.5	40.1	115.7	98.2	289.5	99.1
ERODE	1.2	0.0	19.8	104.6	104.2	49.3	4.8	74.1	99.4	127.8	247.6	21.7
KANCHIPURAM	1.7	0.0	0.0	49.5	45.4	32.2	102.2	140.4	70.3	179.8	1061.3	574.0

KANYAKUMARI	10.0	12.5	48.5	169.2	260.5	247.9	38.2	32.9	214.0	382.8	267.8	129.8
KARUR	18.2	0.0	9.4	104.9	106.3	33.3	0.0	33.6	117.9	95.3	218.4	46.8
KRISHNAGRI	6.5	2.2	18.9	106.7	114.0	98.5	16.1	121.2	123.3	135.1	286.7	20.7
MADURAI	11.9	0.0	17.9	158.7	137.0	44.2	21.9	69.6	128.1	79.2	274.9	59.1
NAGAPATTINAM	19.8	0.0	0.3	51.9	109.9	66.1	30.3	62.7	27.9	112.3	783.9	482.6
NAMAKKAL	24.5	1.1	2.7	107.8	75.4	45.2	23.6	65.7	164.3	115.0	162.3	31.9
NILGIRI	1.2	0.3	137.3	140.5	227.7	305.4	93.8	96.7	152.2	152.7	346.2	66.7
PERAMBALUR	22.3	1.0	0.0	123.3	82.2	25.3	28.8	135.3	152.4	155.3	288.7	83.3
PUDUKKOTTAI	2.9	3.2	6.1	107.2	125.0	46.2	53.9	56.5	70.9	163.3	268.1	142.2
RAMANATHAPURAM	1.3	2.5	22.6	149.0	113.9	3.2	23.4	60.5	68.8	131.6	269.7	172.4
SALEM	17.5	4.5	30.0	143.3	103.7	80.3	31.9	104.0	132.1	152.2	276.5	59.3
SIVAGANGA	17.1	1.7	29.7	126.5	112.9	57.2	107.1	122.5	81.4	71.9	296.4	93.2
THANJAVUR	1.8	0.0	6.9	91.9	99.2	28.7	47.1	78.4	55.4	153.1	328.7	212.6
THENI	6.1	12.6	44.6	169.6	173.6	116.5	30.0	42.0	177.4	87.6	242.7	70.0
TIRUNELVELI	4.9	14.6	76.1	139.0	102.8	59.5	14.2	10.3	74.8	247.9	522.0	281.6
TIRUPUR	9.2	0.0	28.0	158.4	176.5	38.2	3.8	29.5	84.1	64.9	223.9	57.9
TIRUVALLUR	0.8	0.0	1.3	53.2	38.8	48.7	150.0	170.4	86.1	177.2	908.0	384.8
TIRUVANNAMALAI	0.0	0.0	1.8	114.7	61.0	81.3	92.1	175.8	124.9	127.3	326.4	142.0
TIRUVARUR	3.5	0.0	22.2	122.7	126.3	51.4	47.6	61.3	58.1	158.0	482.1	384.1
TOOTHUKUDI	2.4	7.2	33.5	41.2	68.4	15.0	1.0	12.7	31.3	134.3	367.7	162.4
TRICHY	10.2	2.0	0.4	103.8	107.5	24.9	13.1	56.4	102.9	169.9	209.8	63.5
VELLORE	1.3	0.3	10.5	92.5	62.7	103.2	56.6	153.3	131.5	140.2	524.1	83.0
VILUPPURAM	3.0	0.0	0.0	87.6	68.1	14.5	76.8	113.3	84.0	78.6	554.9	292.5
VIRUDHUNAGAR	2.5	7.4	23.6	69.0	108.6	15.0	30.4	28.6	80.4	105.2	282.6	126.3
<b>TELANGANA</b>												
ADILABAD	36.4	0.0	58.6	50.3	33.5	277.6	149.5	174.9	173.2	4.9	0.0	4.2
HYDERABAD	0.1	0.0	20.8	55.8	4.7	115.4	39.4	75.4	129.5	74.5	0.3	0.0
KARIMNAGAR	31.9	0.0	38.8	53.6	16.2	209.6	92.2	142.5	212.5	13.3	0.0	0.4
KHAMMAM	1.9	0.0	6.7	46.6	31.3	398.1	98.2	193.5	198.1	14.3	8.4	0.0
MAHBUBNAGAR	3.9	0.0	24.0	53.8	18.1	70.3	33.2	107.9	117.0	39.0	0.5	4.2
MEDAK	8.5	0.0	46.1	52.1	19.2	105.0	40.9	100.2	109.7	27.3	0.0	0.0
NALGONDA	0.0	0.0	3.2	42.6	19.7	160.5	58.7	167.7	148.3	29.1	7.5	0.2
NIZAMABAD	15.1	0.0	40.2	83.3	25.6	155.5	63.4	158.2	92.0	27.3	0.1	0.6
RANGAREDDY	7.1	0.0	40.0	77.0	19.3	107.1	46.3	120.9	110.8	21.0	0.1	0.6
WARANGAL	6.2	0.0	29.6	72.5	16.1	375.4	102.5	175.4	179.3	22.2	0.8	0.1
<b>TRIPURA</b>												
DHALAI	2.7	36.5	36.5	326.7	386.9	219.7	543.5	370.0	385.2	91.5	1.6	2.7
NORTH TRIPURA	2.3	23.1	0.4	417.6	463.4	388.7	331.1	378.2	185.8	81.3	11.0	40.6
SOUTH TRIPURA	1.9	1.9	9.9	242.8	281.6	334.0	746.0	445.4	410.4	133.0	0.8	2.0
WEST TRIPURA	0.7	13.5	9.4	332.6	288.3	276.4	562.0	311.9	207.8	79.3	0.4	7.2
<b>UTTAR PRADESH</b>												
AGRA	32.0	0.5	71.8	25.5	13.4	27.2	57.2	105.0	23.9	14.0	0.0	2.9
ALIGARH	39.5	0.0	56.0	27.9	6.5	34.7	123.3	209.5	26.5	15.2	0.0	4.7
ALLAHABAD	59.9	1.0	48.3	33.8	0.0	81.9	160.1	156.6	14.2	19.9	0.0	1.2
AMBEDKAR NAGAR	32.0	0.0	86.2	38.0	5.0	6.0	59.0	53.0	0.0	20.0	0.0	27.0
AURAIYA	16.0	0.0	61.5	1.0	2.0	31.7	123.5	68.5	9.0	18.2	0.0	0.0
AZAMGARH	16.0	2.3	53.3	74.3	1.0	114.6	215.2	284.0	17.9	3.9	0.0	18.1
BADAUN	44.5	0.0	53.7	21.4	8.6	94.9	267.6	179.2	33.4	0.2	0.0	2.4
BAGHPAT	24.3	2.0	117.8	29.1	33.1	48.6	126.9	138.4	12.7	0.9	2.8	0.0
BAHRAICH	48.9	9.4	42.1	22.1	22.9	174.0	220.3	328.3	17.7	46.0	0.0	0.1
BALLIA	14.9	0.7	16.8	25.6	35.1	105.0	143.1	220.2	31.0	9.9	0.0	0.0
BALRAMPUR	48.5	14.0	34.0	24.0	18.0	250.9	139.6	221.6	5.2	3.8	0.0	0.0
BANDA	39.8	24.5	100.8	18.0	0.6	82.8	207.2	117.6	69.3	8.8	1.6	6.2
BARABANKI	24.8	6.3	44.8	17.4	3.2	94.5	155.6	176.5	21.7	1.3	0.0	4.0
BAREILLY	43.5	8.4	72.4	19.9	5.5	162.6	281.4	186.7	33.0	6.1	1.4	0.0

BASTI	16.6	2.5	10.0	11.1	27.6	164.3	161.1	281.1	3.7	7.9	0.0	0.0
BIJNOR	36.1	5.8	91.2	20.5	12.5	171.1	279.1	268.5	99.2	2.5	4.5	0.0
BULANDSHAHAR	13.5	0.0	56.7	14.0	1.7	47.7	187.9	221.2	3.2	6.5	0.0	0.0
CHANDALI	23.2	3.6	11.2	50.2	3.8	88.2	205.2	209.4	10.4	8.2	0.0	0.0
DEORIA	10.5	1.0	39.5	38.0	17.0	38.0	159.3	185.0	5.0	21.5	0.0	0.0
ETAH	36.2	0.0	43.0	19.4	4.0	53.4	126.5	77.0	18.3	8.7	0.0	2.3
ETAWAH	7.0	0.0	95.8	7.9	3.5	42.6	132.1	158.4	40.8	5.4	0.0	28.5
FAIZABAD	22.2	2.2	25.8	29.5	5.5	84.7	148.7	220.4	4.0	0.6	0.0	0.0
FARRUKHABAD	23.2	0.0	57.8	19.3	5.2	46.1	158.7	128.1	14.0	9.3	0.0	0.5
FATEHPUR	15.6	5.4	40.5	11.2	0.0	4.1	72.5	19.2	1.9	4.8	5.9	5.6
FIROZABAD	32.3	0.0	64.1	45.9	12.6	33.8	202.4	184.1	15.8	1.8	0.0	16.8
GAUTAM BUDDHA NAGAR	50.0	0.0	77.0	55.0	4.0	59.0	144.0	201.0	0.0	0.0	0.0	0.0
GHAZIABAD	28.8	12.5	65.2	20.4	8.4	56.2	195.4	99.8	19.2	2.7	1.9	0.0
GHAZIPUR	18.9	0.7	38.1	20.8	2.4	165.7	199.3	262.6	58.0	22.5	1.3	0.1
GONDA	21.1	4.5	24.6	5.0	20.4	123.1	151.9	231.2	8.7	4.8	0.0	1.0
GORAKHPUR	28.2	8.9	48.8	29.8	29.9	129.5	134.5	273.2	26.7	7.9	0.0	0.0
HAMIRPUR	22.7	15.4	76.7	10.3	1.3	10.4	188.2	102.8	22.8	10.5	0.3	9.0
HARDOI	19.4	0.7	66.9	17.5	5.1	35.9	268.5	187.5	32.5	12.9	0.0	1.9
JALAJUN	31.4	0.0	52.0	4.1	4.7	20.8	190.1	120.7	3.0	19.6	0.0	3.7
JAUNPUR	48.5	0.5	25.8	22.7	0.5	61.1	200.8	201.8	10.0	3.9	0.0	1.2
JHANSI	38.6	14.7	45.8	15.8	10.8	21.9	221.0	125.5	21.4	11.5	6.2	0.3
JYOTIBA PHULE NAGAR	13.5	25.0	46.5	45.0	11.0	78.0	259.1	167.0	25.0	0.0	2.5	0.0
KANNAUJ	25.2	3.2	48.2	31.4	29.0	37.1	205.7	53.0	30.7	16.0	0.0	22.0
KANPUR CITY	25.6	0.2	130.2	9.4	15.8	35.7	95.7	83.7	56.9	11.3	0.0	13.0
KANPUR DEHAT	22.6	0.0	53.8	12.8	4.6	22.8	86.1	54.4	0.7	16.1	0.0	25.9
KANSHIRAM NAGAR	84.0	0.0	43.4	23.0	6.0	85.0	207.0	176.0	3.0	0.0	0.0	0.0
KAUSHAMBI	77.3	0.0	73.8	0.9	0.0	23.1	65.0	50.7	2.7	5.7	0.0	0.0
KHERI	29.6	5.4	80.1	35.3	6.5	232.0	265.1	226.1	37.1	3.5	0.0	0.0
KUSHI NAGAR	10.2	0.0	14.5	17.0	2.0	55.0	93.0	86.4	11.5	8.5	0.0	0.0
LALITPUR	44.0	17.4	37.5	22.0	0.0	79.0	114.3	128.0	0.0	3.0	0.0	4.0
LUCKNOW	21.2	12.5	64.4	23.1	1.4	57.7	155.5	111.3	12.1	0.8	1.3	7.4
MAHAMAYA NAGAR	42.3	0.0	53.5	27.5	4.0	68.5	80.5	90.3	31.0	12.5	0.0	6.5
MAHARAJGANJ	14.5	2.0	39.8	21.7	19.8	82.7	157.0	165.3	30.3	52.3	0.0	0.0
MAHOBA	25.6	13.2	44.0	17.0	0.0	12.2	210.0	9.8	19.8	12.6	1.0	5.0
MAINPURI	16.6	0.0	46.7	15.4	10.1	18.4	127.6	82.8	9.1	0.0	0.0	9.7
MATHURA	8.0	0.0	55.0	33.0	1.0	116.5	152.2	107.1	26.1	1.5	0.0	3.0
MAU	16.0	0.0	20.0	13.0	0.0	75.1	175.1	108.5	22.5	5.0	0.0	0.0
MEERUT	30.2	22.9	98.9	21.9	25.7	74.6	160.6	114.6	34.7	0.8	2.6	0.0
MIRZAPUR	35.5	0.0	24.5	16.0	1.0	134.7	242.0	189.5	5.1	35.5	0.0	0.7
MORADABAD	35.0	19.9	55.7	29.0	21.9	197.8	346.3	164.2	30.1	8.0	4.6	0.0
MUZAFFARNAGAR	25.0	1.8	113.3	25.5	13.7	158.5	230.2	125.3	78.9	2.0	10.1	0.0
PILIBHIT	40.3	8.3	81.3	9.9	4.3	102.8	158.6	98.8	4.7	7.8	2.4	0.7
PRATAPGARH	63.3	5.7	70.4	11.0	0.0	58.3	217.7	159.7	52.3	0.0	0.0	16.0
RAE BAREILLY	18.3	2.8	45.5	12.5	5.3	34.2	111.9	69.9	15.9	2.8	0.0	9.2
RAMPUR	41.6	20.6	79.1	13.7	5.7	59.2	194.6	76.0	5.8	5.0	5.9	0.0
SAHARANPUR	17.0	18.0	108.0	18.6	8.7	51.7	233.9	189.7	75.3	7.3	9.3	0.0
SAHUJI MAHARAJ NAGAR	55.3	2.8	68.5	43.5	0.0	53.1	140.8	127.5	19.5	11.6	0.0	8.5
SANT KABIR NAGAR	21.0	10.0	21.0	5.0	15.8	135.0	142.5	147.0	111.0	0.5	0.0	0.0
SANT RAVIDAS NAGAR	55.5	6.0	51.0	29.0	2.0	148.8	193.0	214.0	0.0	2.0	0.0	0.0
SHAHJAHANPUR	26.5	0.0	67.9	25.8	8.3	43.8	267.5	191.2	6.7	7.7	0.0	0.0
SHRAWASTI NAGAR						267.9	130.5	249.7	20.4	24.3		
SIDDHARTH NAGAR	18.5	0.0	12.8	22.0	6.0	161.9	160.4	300.5	13.2	11.5	0.0	0.0
SITAPUR	18.6	2.9	50.7	30.5	0.8	81.4	222.4	167.8	26.2	0.7	0.0	0.0
SONBHADRA	41.9	3.8	26.2	10.5	20.5	111.8	208.5	245.3	9.7	25.4	1.4	4.6
SULTANPUR	28.7	5.6	38.8	15.4	0.0	39.7	230.9	119.3	9.8	1.2	1.3	5.3

UNNAO	19.3	3.0	77.8	16.3	12.0	36.3	194.5	79.4	32.8	1.3	2.5	21.0
VARANASI	35.6	2.4	32.6	57.7	0.0	168.6	318.7	225.2	10.1	22.4	0.0	0.7
<b>UTTARAKHAND</b>												
ALMORA	39.5	32.1	129.4	55.3	11.5	129.2	290.3	177.1	33.4	14.0	1.1	3.6
BAGESHWAR	49.5	37.8	87.0	83.5	44.8	210.5	329.3	224.7	38.0	40.0	0.0	0.0
CHAMOLI	80.6	100.0	117.0	55.4	24.7	203.2	388.5	293.1	55.1	16.6	0.3	2.1
CHAMPAWAT	81.0	24.0	149.5	38.5	19.0	331.0	320.5	349.0	61.5	11.8	3.5	1.0
DEHRADUN	27.2	24.0	159.5	57.6	12.6	173.7	495.0	535.4	64.0	18.2	3.0	12.7
GARHWAL PAURI	26.5	20.2	81.1	29.5	31.5	161.9	222.4	355.2	39.1	14.0	0.2	0.0
GARHWAL TEHRI	54.3	67.0	146.8	35.6	41.9	146.1	223.7	176.2	16.5	5.2	2.3	7.2
HARDWAR	31.0	10.7	126.6	52.7	15.5	160.3	237.1	325.2	38.4	16.1	4.5	0.8
NAINITAL	68.4	39.9	180.3	98.4	42.4	313.4	497.1	388.3	70.0	31.7	5.8	2.2
PITHORAGARH	76.6	91.1	145.1	75.1	69.4	232.1	266.4	265.9	63.2	23.2	0.8	8.9
RUDRAPRAYAG	60.5	89.3	132.8	34.7	58.9	187.5	423.3	352.1	53.5	14.4	0.8	8.7
UDHAM SINGH NAGAR	32.8	11.2	91.0	12.8	17.6	169.8	253.8	247.5	59.3	2.5	1.3	0.4
UTTARKASHI	45.1	109.6	116.0	69.8	52.4	96.3	389.3	311.2	64.6	10.2	5.9	24.9
<b>WEST BENGAL</b>												
BANKURA	17.4	1.5	7.1	85.6	55.9	152.2	467.5	230.6	96.5	12.7	0.0	0.2
BIRBHUM	9.1	4.3	35.5	69.4	54.4	321.5	698.5	296.8	144.2	21.1	4.2	0.2
BURDWAN	8.5	10.1	29.4	76.3	64.2	338.1	587.3	285.8	111.8	34.1	0.0	0.9
COOCH BEHAR	24.2	15.5	61.2	140.1	383.1	603.7	296.4	724.9	399.8	34.6	13.8	2.4
DARJEELING	5.0	11.8	44.3	146.5	296.1	537.8	581.3	691.7	556.2	50.4	5.2	3.8
EAST MIDNAPORE	10.9	1.7	23.5	133.9	31.9	270.6	757.3	286.0	162.4	53.8	10.9	18.9
HOOGLY	9.1	4.1	16.0	62.4	54.0	299.5	671.6	188.0	215.3	27.2	0.1	1.8
HOWRAH	9.8	4.2	10.0	101.1	68.3	227.9	854.4	180.8	202.2	25.7	0.0	6.0
JALPAIGURI	12.4	14.4	38.5	179.6	374.9	717.1	440.1	1012.1	477.2	67.1	30.0	7.2
KOLKATA	3.2	6.8	53.5	112.0	78.9	226.2	663.8	389.9	229.3	98.5	0.0	3.2
MALDA	18.8	1.6	43.4	103.7	154.2	257.3	419.1	330.0	193.6	17.2	0.0	0.0
MURSHIDABAD	7.1	7.0	12.0	50.0	88.0	341.5	640.4	274.6	193.2	49.9	7.8	2.0
NADIA	5.5	14.5	18.5	99.2	56.5	327.5	516.3	139.1	178.6	48.0	0.0	4.4
NORTH 24 PARGANAS	26.3	1.8	36.7	131.2	33.2	261.9	662.1	324.1	180.2	42.5	0.0	15.0
NORTH DINAJPUR	25.4	7.2	50.8	66.2	172.5	178.5	247.3	425.8	162.9	2.6		
PURULIA	28.9	0.1	3.1	72.7	86.7	162.5	563.6	187.7	79.6	21.7	0.4	1.7
SOUTH 24 PARGANAS	10.9	5.7	15.5	69.1	35.9	264.3	754.6	351.5	196.4	23.5	2.8	7.6
SOUTH DINAJPUR	9.3	13.9	16.0	62.2	80.0	111.1	194.0	247.3	165.2	24.7	17.3	0.0
WEST MIDNAPORE	12.8	5.5	16.6	122.7	62.7	138.1	526.8	238.2	177.1	27.6	0.0	10.2

**Table 26: % Departures of District-wise Monthly Rainfall - Year 2015**

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>A &amp; N ISLAND</b>												
NICOBAR	10%	-65%	-96%	36%	-54%	27%	-28%	-49%	36%	-32%	27%	-30%
NORTH & MIDDLE ANDAMAN	303%	-75%	-69%	79%	19%	-32%	-14%	59%	12%	-22%	-51%	-6%
SOUTH ANDAMAN	190%	-85%	-80%	90%	-6%	-28%	-23%	-1%	24%	3%	4%	10%
<b>ANDHRA PRADESH</b>												
ANANTAPUR	-100%	-100%	0%	297%	24%	16%	-70%	28%	19%	-16%	251%	-54%
CHITTOOR	-88%	-100%	89%	250%	-6%	36%	-54%	20%	-11%	-4%	334%	65%
CUDDAPAH	92%	-100%	75%	331%	-50%	9%	-62%	33%	4%	-34%	405%	40%
EAST GODAVARI	-98%	-100%	-97%	63%	-68%	145%	-33%	4%	-5%	-57%	79%	-81%
GUNTUR	-77%	-100%	-90%	25%	-70%	103%	-37%	-7%	-5%	-78%	4%	-94%
KRISHNA	38%	-100%	-75%	44%	-50%	133%	-50%	-6%	-16%	-59%	57%	-82%
KURNOOL	19%	-100%	85%	143%	-59%	-51%	-62%	-34%	18%	-64%	-25%	-64%
NELLORE	-96%	-100%	54%	230%	-42%	11%	-68%	57%	0%	-72%	167%	11%
PRAKASAM	-93%	-100%	-71%	83%	-72%	23%	-46%	35%	0%	-68%	4%	-19%
SRIKAKULAM	-18%	-77%	-92%	46%	-67%	44%	-28%	-4%	2%	-73%	-18%	221%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
VISHAKHAPATNAM	-84%	-86%	2%	54%	-61%	136%	-27%	15%	41%	-77%	107%	-33%
VIZIANAGARAM	-72%	-91%	-55%	-33%	-38%	111%	-41%	10%	26%	-69%	-31%	-59%
WEST GODAVARI	-90%	-99%	-85%	-65%	-40%	105%	-48%	7%	0%	-54%	40%	-98%
<b>ARUNACHAL PRADESH</b>												
ANJAW	21%	13%				-28%	-80%	-36%	-6%	-78%	-67%	13%
CHANGLANG	-59%	-87%	-84%	-51%	-60%	-31%	-64%	85%	-44%	-79%	-82%	-64%
DIBANG VALLEY	-21%	-38%										43%
EAST KAMENG	-100%	-100%	-100%	-67%	-73%	-64%	-80%	-41%	-80%	-96%	-100%	-88%
EAST SIANG	49%	51%	-3%	56%	20%	54%	-34%	80%	-15%	-94%	31%	-8%
LOHIT	-40%	-46%	-28%	-7%	-14%	7%	-57%	63%	-13%	-58%	-40%	11%
LOWER DIBANG VALLEY	-56%	-56%	-49%	76%	7%	187%	128%	756%	290%	-50%	98%	39%
PAPUMPARA	-79%	-68%	-99%	37%	19%	69%	-24%	12%	-24%	-69%	-60%	127%
TAWANG	-57%	-91%	24%	149%	-49%	-60%	-61%		-53%	-76%	-75%	-41%
TIRAP	-92%	-90%	-95%	-33%	-48%	-25%	-63%	-33%	-61%	-45%	-91%	34%
UPPER SIANG	4%	-38%	0%	57%	0%	1%	-39%	50%	-8%	-76%	25%	-23%
UPPER SUBANSIRI	-73%	-45%	-31%	63%	14%	50%	-4%	42%	3%	-42%	-51%	129%
WEST KAMENG	-84%	-92%	-94%	4%	-38%	-37%	-64%	-45%	-57%	-67%	-82%	-64%
WEST SIANG	-33%	-80%	48%	-23%	-23%	19%	-57%	81%				93%
<b>ASSAM</b>												
BAKSA	14%	-45%	-78%	30%	14%	4%	-69%	18%	-53%	-61%	-61%	37%
BARPETA	-26%	-80%	-31%	19%	19%	31%	-55%	63%	-29%	-85%	12%	-13%
BONGAIGAON	42%	-85%	-55%	18%	-12%	61%	-53%	105%	-46%	-97%	42%	-57%
CACHAR	-66%	-78%	-92%	79%	-22%	-21%	-16%	-11%	-7%	-50%	-81%	-1%
CHIRANG	-10%	-6%	45%	129%	53%	132%	-49%	80%	17%	-71%	-35%	302%
DHEMAJI	-100%	-38%	-78%	32%	-1%	13%	-47%	39%	-71%	-97%	-100%	-66%
DHUBRI	229%	-14%	135%	31%	29%	48%	-67%	15%	-27%	-93%	-27%	168%
DIBRUGARH	-68%	-55%	-63%	14%	19%	14%	-38%	24%	-51%	-3%	16%	8%
GOALPARA	66%	-88%	4%	-8%	45%	83%	-53%	101%	-24%	-70%	-92%	529%
GOLAGHAT	-16%	-50%	-19%	90%	-16%	-24%	-29%	-24%	-20%	-15%	-30%	93%
HAILAKANDI	-85%	-47%	-51%	140%	-31%	-28%	-30%	75%	-8%	-29%	-59%	-14%
JORHAT	-75%	-7%	-56%	21%	4%	-4%	-28%	-11%	-18%	-24%	-38%	198%
KAMRUP	16%	0%	-61%	15%	73%	-4%	-43%	68%	-27%	-62%	-5%	181%
KAMRUP METRO.	-77%	-6%	-44%	28%	-2%	-34%	-36%	19%	44%	-43%	-83%	179%
KARBI ANGLONG	48%	-84%	-49%	37%	-12%	4%	-28%	1%	1%	-29%	-60%	-96%
KARIMGANJ	-62%	-79%	-98%	24%	-23%	-28%	-43%	84%	-1%	-34%	-77%	49%
KOKRAJHAR	51%	-95%	-34%	-38%	18%	29%	-33%	77%	-33%	-90%	-52%	89%
LAKHIMPUR	-82%	-56%	-82%	32%	0%	57%	-41%	22%	-17%	-70%	0%	-9%
MORIGAON	-96%	-24%	-46%	9%	28%	-35%	-9%	20%	-19%	-43%	-32%	100%
N. C. HILLS	-8%	-71%	-85%	21%	-46%	-3%	14%	7%	37%	-82%	-50%	12%
NAGAON	-78%	-64%	-80%	-7%	-36%	-46%	-41%	-38%	-44%	-86%	-68%	-19%
NALBARI	-21%	-29%	-47%	-8%	45%	26%	-29%	93%	-7%	-72%	-56%	40%
SHONITPUR	-59%	-78%	-87%	53%	-1%	33%	-19%	31%	-38%	-61%	24%	353%
SIBSAGAR	-17%	-58%	-59%	85%	14%	7%	-12%	-13%	8%	20%	-68%	283%
TINSUKIA	-36%	-23%	-45%	55%	-9%	27%	-41%	62%	-29%	-29%	-18%	62%
UDALGURI	-60%	-44%	-83%	11%	-23%	0%	-31%	41%	-23%	-37%	25%	80%
<b>BIHAR</b>												
ARARIA	-6%	2%	185%	105%	45%	-49%	-57%	-14%	-37%	-98%	-80%	-100%
ARWAL	-41%	-100%	197%	403%	-95%	83%	-1%	-6%	-55%	-100%	-100%	-100%
AURANGABAD	-3%	-98%	96%	395%	-3%	62%	32%	-19%	-64%	-93%	-100%	-100%
BANKA	175%	-100%	-11%	181%	-59%	46%	15%	22%	-60%	-87%	-100%	-100%
BEGU SARAI	8%	-100%	195%	239%	-65%	12%	-48%	62%	-36%	-100%	-100%	-100%
BHABUA	13%	-100%	7%	420%	-52%	30%	25%	-34%	-69%	-91%	-100%	-100%
BHAGALPUR	60%	-65%	212%	208%	-18%	3%	24%	15%	-17%	-87%	-100%	-100%
BHOJPUR	-58%	-100%	52%	-21%	-36%	-26%	-55%	-46%	-86%	-83%	-100%	-100%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
BUXAR	-73%	-100%				3%	-10%	26%	-54%	-88%	-100%	-100%
DARBHANGA	-40%	-100%	214%	153%	-33%	-53%	-40%	30%	-48%	-100%	-100%	-100%
EAST CHAMPARAN	-50%	-98%	589%	76%	3%	-82%	-56%	79%	-46%	-87%	-100%	-100%
GAYA	35%	-92%	-6%	160%	-28%	26%	-22%	-37%	-57%	-99%	-100%	-100%
GOPALGANJ	-63%	-100%	443%	273%	-22%	-52%	-22%	-9%	-65%	-38%	-100%	-100%
JAHANABAD	-42%	-100%	-28%	-47%	-80%	71%	-27%	-15%	-42%	-98%	-100%	-100%
JAMUI	-57%	-100%	179%	198%	-94%	-24%	-11%	-1%	-65%	-100%	-100%	-100%
KATIHAR	258%	50%	92%	99%	16%	-7%	-21%	-6%	-55%	-82%	-100%	-100%
KHAGARIA	99%	290%	167%	406%	-42%	-23%	-41%	75%	-14%	-100%	-100%	-100%
KISHANGANJ	4%	-85%	206%	104%	67%	-38%	-40%	30%	-39%	-99%	-100%	-100%
LAKHISARAI	-79%	-100%	211%	78%	-51%	3%	-3%	-13%	-63%	-99%	-100%	-100%
MADHEPURA	19%	-29%	54%	17%	-17%	-48%	-54%	-14%	-36%	-98%	-100%	-100%
MADHUBANI	70%	-100%	237%	82%	-60%	-66%	-61%	-22%	-37%	-99%	-100%	-100%
MON GHYR	-35%	29%	96%	138%	-71%	24%	-42%	59%	-11%	-99%	-100%	-100%
MUJAZFARPUR	-35%	-100%	279%	138%	-57%	-86%	-39%	-19%	-77%	-85%	-100%	-100%
NALANDA	-4%	-100%	65%	222%	-91%	3%	-34%	-16%	-60%	-100%	-100%	-100%
NAWADA	-100%	-100%	-38%	-26%	-80%	-34%	-31%	3%	-73%	-100%	-100%	-100%
PATNA	-9%	-100%	90%	-1%	-95%	-41%	-25%	-35%	-72%	-83%	-100%	-100%
PURNEA	1%	-57%	148%	-12%	-33%	-46%	-68%	-43%	-66%	-71%	-100%	-100%
ROHTAS	-11%	-100%	38%	933%	140%	79%	36%	-32%	-83%	-78%	-100%	-100%
SAHARSA	-2%	-100%	2%	-29%	-66%	-52%	-66%	-31%	-44%	-100%	-100%	-100%
SAMASTIPUR	-44%	-85%	242%	148%	-18%	-34%	-59%	76%	-1%	-97%	-100%	-100%
SARAN	-68%	-100%	240%	316%	-98%	-41%	-37%	1%	-92%	-84%	-100%	-100%
SHEIKHPURA	-81%	-100%	307%	-28%	-70%	29%	5%	11%	-58%	-100%	-100%	-100%
SHEOHAR	53%	-100%	496%	-49%	-83%	-96%	-50%	50%	-52%	-100%	-100%	-100%
SITAMARHI	-52%	-100%	159%	42%	-48%	-86%	-69%	-27%	-40%	-83%	-100%	-100%
SIWAN	-65%	-100%	277%	478%	-33%	-45%	-58%	2%	-94%	-98%	-100%	-100%
SUPAUL	73%	-45%	345%	185%	-9%	-49%	-49%	-13%	-7%	-82%	-100%	-100%
VAISHALI	-13%	-100%	244%	32%	-94%	-65%	-37%	-12%	-71%	-85%	-100%	-100%
WEST CHAMPARAN	-54%	-71%	287%	169%	5%	-39%	-48%	11%	-65%	-21%	-100%	-100%
<b>CHANDIGARH</b>												
CHANDIGARH	2%	20%	261%	46%	-42%	-47%	-9%	-62%	-24%	-44%	-98%	-99%
<b>CHHATTISGARH</b>												
BASTAR	-71%	-70%	62%	101%	28%	102%	-57%	9%	69%	-72%	-98%	72%
BIJAPUR	497%	-100%	412%	81%	28%	206%	-52%	-15%	23%	-87%	-100%	-100%
BILASPUR	19%	-68%	77%	182%	-84%	4%	-35%	-7%	6%	-77%	-100%	-96%
DANTEWADA	-100%	-100%	50%	225%	-24%	219%	-61%	0%	54%	-67%	-25%	-97%
DHAMTARI	715%	-100%	107%	228%	99%	69%	-45%	-53%	4%	-76%	-100%	-84%
DURG	127%	-100%	222%	731%	-16%	17%	-43%	-22%	25%	-99%	-100%	-100%
JANJGIR	28%	-100%	-100%	-100%	-100%	28%	-14%	-34%	-50%	-100%	-100%	-100%
JASHPUR	48%	-100%	-68%	-83%	-100%	-33%	-5%	-33%	-64%	-55%	-100%	-100%
KANKER	462%	-100%	30%	-6%	-64%	83%	-56%	-42%	29%	-82%	-100%	-100%
KORBA	-65%	-98%	34%	-3%	-100%	-9%	-14%	-11%	-39%	-81%	-100%	-100%
KORIYA	62%	-48%	209%	32%	-85%	-49%	-22%	-51%	-43%	82%	-100%	-100%
KOWARDHA	-22%	-100%	-79%	-100%	65%	19%	-26%	-30%	8%	-63%	-100%	-100%
MAHASAMUND	-46%	-100%	-81%	877%	8%	116%	-35%	-6%	23%	-91%	-100%	-48%
NARAYANPUR	488%	-100%	-100%	100%	-100%	142%	-49%	-22%	62%	-96%	-100%	-100%
RAIGARH	-100%	-100%	-28%	-100%	-100%	46%	-10%	9%	-27%	-59%	-100%	-42%
RAIPUR	123%	-98%	59%	265%	2%	23%	-44%	-36%	9%	-96%	-100%	-47%
RAJNANDGAON	34%	-90%	108%	126%	143%	24%	-49%	-52%	-7%	-99%	-100%	-72%
SURGUJA	-65%	-79%	95%	771%	-88%	-59%	0%	-31%	-57%	-16%	-100%	-96%
<b>DADRA &amp; NAGAR HAVELI</b>												
DADRA & NAGAR HAVELI						-3%	-23%	-53%	-21%	-51%		
<b>DAMAN &amp; DIU</b>												

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
DAMAN	-100%	-100%	6000%	-100%	-100%	-61%	-66%	-64%	-15%	-97%		
DIU	-14%	-100%	1275%	-100%	-100%	111%	-81%	-94%	238%	-100%	-100%	-100%
<b>DELHI</b>												
CENTRAL DELHI	4%	-100%	684%	147%	-100%	14%	-6%	-36%	-65%	-100%	-82%	-100%
EAST DELHI	4%	-100%	253%	282%	-90%	40%	-52%	-3%	-91%	-95%	-100%	-100%
NEW DELHI	57%	-87%	573%	266%	-76%	12%	10%	-26%	-80%	-99%	-78%	-100%
NORTH DELHI	52%	-100%	715%	199%	-85%	45%	-3%	-16%	-76%	-99%	-54%	-100%
NORTH EAST DELHI	-70%	-100%	-93%	-78%	4%	44%	-13%	-52%	-86%	-100%	-82%	-100%
NORTH WEST DELHI	-38%	-100%	619%	-10%	-92%	-8%	17%	-17%	-93%	-100%	-82%	-100%
SOUTH DELHI	47%	-99%	498%	353%	23%	32%	31%	69%	-69%	-100%	-100%	-100%
SOUTH WEST DELHI	40%	-64%	621%	434%	-37%	-15%	41%	-1%	-64%	-98%	-43%	-100%
WEST DELHI	-9%	-94%	410%	158%	61%	-71%	31%	-30%	-65%	-100%	-82%	-100%
<b>GOA</b>												
NORTH GOA	-100%	-100%	7180%	-96%	-52%	-16%	-32%	-37%	-10%	-18%	-47%	-100%
SOUTH GOA	879%	-100%	9111%	161%	-30%	-10%	-25%	-20%	18%	-41%	-53%	-100%
<b>GUJARAT</b>												
AHMEDABAD	156%	-100%	1135%	580%	-65%	26%	-4%	-87%	-48%	-100%	-100%	-100%
AMRELI	261%	-100%	1296%	4110%	4%	297%	-42%	-89%	109%	-85%	-85%	-100%
ANAND	-92%	-100%	1069%	1855%	-100%	0%	-18%	-96%	-26%	-100%	-100%	-100%
BANASKANTHA	48%	-100%	-1%	657%	-100%	-20%	224%	-82%	-72%	-100%	-100%	-100%
BARODA	-100%	-100%	872%	136%	-81%	-23%	-32%	-93%	-59%	-98%	-85%	-100%
BHAVNAGAR	178%	-100%	474%	5219%	-58%	127%	-41%	-74%	33%	-98%	-100%	-100%
BROACH	294%	-100%	1018%	2344%	-73%	9%	-41%	-94%	-25%	-93%	-100%	-100%
DAHOD	-24%	-100%	477%	150%	-100%	15%	-20%	-88%	-77%	-96%	-100%	-100%
DANGS	-100%	-100%	579%	1724%	-84%	-31%	-41%	-86%	-10%	-16%	-35%	-100%
GANDHINAGAR	1544%	-100%	843%	971%	-50%	37%	68%	-89%	-49%	-100%	-100%	-100%
JAMNAGAR	91%	-100%	-12%	-100%	-100%	42%	-11%	-84%	96%	-34%	-100%	-100%
JUNAGARH	583%	-100%	2647%	4441%	-100%	25%	-55%	-93%	104%	-78%	-85%	-100%
KHEDA	127%	-100%	177%	975%	20%	-1%	-1%	-90%	-45%	-100%	-100%	-94%
KUTCH	41%	-100%	21%	977%	-59%	-18%	149%	-93%	-15%	-69%	-100%	-100%
MEHSANA	293%	-100%	333%	467%	-54%	7%	104%	-77%	-69%	-100%	-100%	-100%
NARMADA	720%	-100%	1882%	5567%	-100%	1%	-13%	-92%	-44%	-95%	-100%	-100%
NAVSARI	-100%	-100%	391%	61429%	-100%	-14%	-52%	-86%	23%	-89%	-100%	-100%
PANCHMAHAL	-100%	-100%	82%	930%	-100%	19%	-15%	-87%	-77%	-100%	-100%	-100%
PATAN	82%	-100%	145%	1376%	-70%	-65%	171%	-76%	-51%	-100%	-100%	-100%
PORBANDAR	-100%	-100%	744%	-100%	-100%	-7%	-54%	-94%	28%	-96%	-100%	-100%
RAJKOT	262%	-100%	676%	-17%	-86%	125%	-5%	-84%	60%	-90%	-100%	-100%
SABARKANTHA	238%	-100%	338%	509%	-83%	113%	37%	-80%	-37%	-100%	-100%	-100%
SURAT	-100%	-100%	889%	6083%	-100%	22%	-37%	-88%	25%	-98%	-100%	-100%
SURENDRANAGAR	25%	-100%	2465%	-49%	-100%	-15%	39%	-97%	-45%	-85%	-100%	-100%
TAPI	-100%	-100%	625%	-100%	-100%	-18%	-22%	-96%	-6%	-96%	-96%	-100%
VALSAD	-100%	-100%	1980%	-100%	-100%	6%	-27%	-62%	-1%	-67%	-100%	-100%
<b>HARYANA</b>												
AMBALA	-37%	-23%	344%	366%	0%	-73%	-36%	-62%	-38%	-83%	-43%	-92%
BHIWANI	-38%	-89%	291%	695%	-88%	10%	-58%	-44%	-64%	-90%	-100%	-100%
FARIDABAD	31%	-100%	1002%	270%	-32%	32%	25%	-16%	-86%	-88%	-100%	-100%
FATEHABAD	-68%	23%	335%	141%	-75%	2%	-48%	-87%	-69%	-76%	-26%	-100%
GURGAON	7%	-100%	612%	173%	-51%	-17%	7%	-25%	-62%	-100%	-100%	-100%
HISAR	-47%	-52%	405%	390%	-81%	96%	-59%	-44%	-81%	-68%	-48%	-100%
JHAJJAR	-1%	-81%	820%	217%	41%	23%	-16%	-30%	-62%	-75%	-97%	-100%
JIND	-76%	-55%	507%	708%	-51%	85%	-39%	-43%	-75%	-78%	37%	-100%
KAITHAL	-57%	-9%	241%	354%	-32%	-27%	-30%	-70%	-74%	-69%	150%	-100%
KARNAL	-62%	-21%	369%	495%	-62%	25%	29%	-63%	-60%	-79%	14%	-100%
KURUKSHETRA	-77%	-22%	160%	309%	-49%	-50%	-46%	-56%	-69%	-83%	-66%	-90%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MAHENDRAGARH	-17%	-100%	516%	341%	-98%	-6%	-51%	-70%	-73%	-49%	-100%	-100%
MEWAT	179%	-100%	1089%	352%	-69%	-89%	9%	-67%	43%	-100%	-100%	-100%
PALWAL	199%	-100%	975%	894%	-84%	-51%	15%	-69%	-92%	-74%	-100%	-100%
PANCHKULA	-8%	-28%	384%	23%	-83%	-70%	-48%	-53%	-67%	-76%	-95%	-84%
PANIPAT	-62%	-73%	535%	214%	162%	-6%	6%	-60%	-48%	-80%	-14%	-100%
REWARI	22%	-100%	2154%	1481%	-72%	110%	-32%	-53%	-45%	-59%	-100%	-100%
ROHTAK	-66%	-99%	110%	651%	-70%	-29%	-60%	-60%	-94%	-52%	-79%	-100%
SIRSA	-14%	-43%	561%	246%	7%	-8%	4%	-52%	-53%	-38%	-95%	-100%
SONEPAT	-28%	-93%	472%	340%	28%	57%	-8%	-59%	-88%	-100%	-4%	-100%
YAMUNA N AGAR	-62%	-52%	347%	146%	3%	-60%	-14%	-32%	-19%	-95%	-61%	-89%
<b>HIMACHAL PRADESH</b>												
BILASPUR	4%	23%	264%	142%	-30%	-21%	-6%	-8%	-62%	-45%	-82%	8%
CHAMBA	-43%	97%	86%	138%	-43%	-18%	-47%	-58%	-33%	-32%	28%	-18%
HAMIRPUR	8%	74%	160%	168%	-33%	0%	-4%	1%	-48%	-62%	-40%	-10%
KANGRA	-21%	44%	113%	66%	-29%	10%	7%	-7%	-53%	-41%	-46%	-33%
KINNAUR	-34%	55%	100%	-58%	-36%	19%	-53%	-71%	-47%	-87%	-49%	-63%
KULLU	27%	119%	44%	42%	-35%	11%	28%	-34%	-28%	-52%	13%	-18%
LAHAUL & SPITI	-60%	42%	3%	-4%	-19%	-19%	-83%	-87%	-29%	-78%	-38%	-77%
MANDI	23%	93%	89%	107%	-40%	-29%	-1%	-8%	-52%	-14%	-37%	27%
SHIMLA	-21%	56%	86%	46%	-53%	-17%	32%	5%	-64%	-54%	-20%	-25%
SIR MAUR	-33%	-21%	393%	120%	-7%	-43%	-37%	-28%	-73%	-83%	-89%	-76%
SOLAN	-10%	16%	307%	202%	-54%	-37%	17%	-24%	-71%	-47%	2%	-11%
UNA	31%	67%	387%	135%	25%	86%	51%	48%	-50%	-23%	-100%	-33%
<b>JAMMU &amp; KASHMIR</b>												
ANANTNAG	-64%	100%	115%	52%	-16%	164%	51%	-46%	145%	125%	1%	-23%
BADGAM	-88%	182%	198%	83%	-16%	134%	144%	-30%	44%	135%	-6%	-1%
BARAMULA	-73%	40%	57%	61%	-17%	135%	98%	-37%	76%	231%	102%	-42%
DODA	-61%	72%	87%	15%	-23%	100%	43%	-33%	57%	93%	-25%	-58%
GANDERWAL	-8%	173%	141%	89%	-6%	174%	54%	-46%	61%	87%	81%	-41%
JAMMU	-75%	99%	414%	269%	-19%	66%	23%	-44%	11%	54%	-30%	-40%
KATHUA	-81%	51%	511%	362%	-24%	53%	-4%	-8%	85%	20%	-86%	-94%
KULGAM	-70%	130%	254%	27%	-50%	306%	-13%	-87%	158%	66%	43%	96%
KUPWARA	-52%	83%	12%	64%	17%	57%	95%	-15%	108%	236%	94%	-35%
LADAKH (LEH)	-62%	-62%	-90%	-25%	-89%	14%	101%	85%	14%	-100%	-100%	-48%
PULWAMA	-84%	175%	274%	77%	21%	410%	231%	-5%	162%	208%	178%	36%
RAJOURI	-51%	65%	344%	709%	57%	129%	50%	-61%	10%	123%	121%	52%
RAMBAN	-68%	42%	164%	115%	-13%	218%	84%	-64%	95%	206%	8%	-38%
REASI	-75%	123%	562%	318%	31%	47%	-18%	-22%	7%	89%	62%	-46%
SAMBA	-77%	46%	181%	135%	-8%	5%	-12%	-46%	-20%	-15%	-85%	-48%
SHOPIAN	-98%	-60%										
SRINAGAR	-88%	158%	206%	96%	3%	179%	266%	86%	105%	139%	33%	-46%
UDHAMPUR	-84%	40%	154%	148%	0%	-36%	-52%	-51%	-20%	-13%	-27%	79%
<b>JHARKHAND</b>												
BOKARO	-4%	-93%	24%	196%	52%	-18%	28%	-30%	-75%	-82%	-100%	-100%
CHATRA	-100%	-96%	-34%	153%	-80%	-9%	-8%	-28%	-82%	-99%	-87%	-100%
DEOGHAR	-5%	-100%	41%	261%	2%	43%	52%	-12%	-65%	-90%	-100%	-100%
DHANBAD	1%	-93%	-73%	189%	-70%	-21%	-2%	-39%	-71%	-92%	-100%	-100%
DUMKA	-70%	-62%	118%	59%	-70%	82%	84%	-4%	-59%	-96%	-100%	-100%
EAST SINGBHUM	-56%	-100%	4%	232%	3%	-23%	106%	-43%	-46%	-35%	-100%	63%
GARHWA	148%	-100%	79%	159%	-100%	-28%	28%	-57%	-89%	-81%	-100%	-100%
GIRIDIH	-25%	-75%	25%	198%	-68%	-23%	29%	28%	-72%	-91%	-100%	-100%
GODDA	229%	-16%	254%	306%	-44%	59%	27%	47%	-46%	-98%	-100%	-100%
GUMLA	-100%	-98%	333%	371%	-36%	-22%	74%	-9%	-37%	-40%	-100%	-100%
HAZARIBAG	-71%	-73%	139%	209%	-94%	64%	8%	17%	-69%	-85%	-100%	-100%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
JAMTARA	21%	-73%	205%	158%	-53%	2%	67%	-2%	-71%	-94%	-100%	-100%
KHUNTI	-100%	7%	-100%	258%	-75%	-56%	12%	-37%	-78%	-65%	-100%	49%
KODERMA	-60%	-94%	-3%	260%	-89%	-26%	14%	-19%	-71%	-99%	-100%	-100%
LATEHAR	-81%	-100%	-35%	243%	-96%	-13%	58%	-24%	-72%	-66%	-100%	88%
LOHARDAGA	60%	-78%	171%	65%	-65%	-20%	61%	-4%	-70%	-65%	-100%	-87%
PAKUR	45%	-100%	167%	93%	16%	32%	37%	-16%	-57%	-84%	-34%	-100%
PALAMU	25%	-94%	134%	46%	-82%	-48%	34%	-34%	-79%	-80%	-100%	70%
RAMGARH	-1%	-99%	58%	216%	-73%	7%	18%	-13%	-52%	-32%	-100%	-84%
RANCHI	-29%	-99%	-70%	96%	-40%	-23%	-19%	-30%	-85%	-49%	-100%	-82%
SAHIBGANJ	-5%	110%	-8%	410%	41%	-13%	6%	29%	-51%	-72%	-100%	-100%
SERAIKELA-KHARSAWAN	-26%	-100%	-36%	165%	-23%	-55%	57%	-64%	-68%	-81%	-100%	-100%
SIMDEGA	-20%	-71%	-99%	27%	-75%	-45%	31%	-20%	-65%	-48%	-100%	217%
WEST SINGBHUM	-4%	-100%	-93%	271%	-36%	-1%	-3%	-53%	-42%	-32%	-100%	13%
<b>KARNATAKA</b>												
BAGALKOTE	-84%	-100%	77%	87%	-38%	-24%	-73%	-48%	36%	-39%	-87%	-100%
BANGALORE RURAL	1020%	-100%	273%	209%	74%	51%	-39%	-15%	39%	-54%	242%	-17%
BANGALORE URBAN	237%	-100%	165%	235%	17%	9%	-22%	-21%	5%	-32%	329%	-78%
BELGAM	-30%	-100%	411%	-23%	10%	26%	-72%	-54%	-35%	-30%	-79%	-76%
BELLARY	-52%	-100%	475%	151%	-12%	-4%	-63%	0%	31%	-22%	-84%	-97%
BIDAR	42%	-100%	422%	308%	-15%	-36%	-68%	-49%	5%	-44%	-100%	-59%
BIJAPUR	-35%	-100%	131%	93%	-48%	-48%	-92%	-21%	13%	-45%	-60%	-89%
CHAMARAJANAGAR	-90%	-100%	122%	57%	13%	39%	-80%	4%	9%	-31%	228%	-63%
CHICKBALLAPUR	196%	-100%	383%	201%	78%	-22%	-26%	70%	4%	-33%	463%	-56%
CHIKMAGALUR	-99%	-81%	208%	58%	35%	21%	-56%	-47%	-6%	-17%	90%	-54%
CHITRADURGA	-70%	-100%	312%	33%	64%	48%	-24%	44%	45%	3%	61%	-86%
DAKSHIN KANNADA	-17%	162%	424%	142%	4%	-25%	-17%	-28%	-32%	6%	57%	55%
DAVANERE	-32%	-100%	62%	-12%	76%	19%	-23%	-2%	28%	-28%	-7%	-91%
DHARWAD	-97%	-100%	849%	-34%	-7%	42%	-67%	-55%	-45%	-23%	-72%	-88%
GADAG	-86%	-100%	1024%	-43%	-36%	4%	-86%	17%	-27%	-31%	-77%	-76%
GULBARGA	22%	-100%	473%	378%	-55%	-48%	-60%	-30%	-8%	-69%	-97%	-13%
HASSAN	-34%	-100%	184%	85%	30%	85%	-82%	-6%	6%	-52%	154%	-45%
HAVERI	-100%	-100%	401%	-55%	39%	50%	-62%	-21%	-27%	-17%	-55%	-96%
KODAGU	-95%	3%	101%	55%	20%	70%	-54%	-43%	18%	-38%	42%	-39%
KOLAR	106%	-100%	362%	192%	44%	10%	-33%	13%	-11%	-32%	538%	-72%
KOPPAL	-58%	-100%	476%	259%	-20%	-16%	-83%	11%	29%	-67%	-85%	-100%
MANDYA	-100%	-100%	78%	4%	64%	48%	-70%	98%	-7%	-36%	310%	-65%
MYSORE	-3%	-96%	188%	69%	34%	129%	-67%	76%	9%	-38%	172%	-31%
RAICHUR	101%	-100%	279%	292%	-29%	-69%	-70%	-51%	83%	-48%	-85%	-61%
RAMANAGARA	0%	-100%	68%	191%	32%	10%	-66%	25%	21%	-53%	264%	-81%
SHIMOGA	-94%	-100%	307%	25%	66%	64%	-53%	-40%	-7%	-35%	45%	-95%
TUMKUR	-74%	-100%	61%	159%	-8%	23%	-51%	42%	47%	-8%	282%	-70%
UDUPI	-57%	-100%	762%	137%	-41%	-22%	-6%	-24%	-8%	-4%	162%	-74%
UTTAR KANNADA	480%	-100%	915%	3%	-17%	-10%	-54%	-37%	-1%	-32%	30%	-98%
YADGIR	75%	-100%	390%	127%	-32%	-50%	-72%	-54%	-9%	-73%	-98%	21%
<b>KERALA</b>												
ALAPUZHA	-82%	-81%	119%	77%	-40%	-20%	-56%	-45%	-14%	13%	1%	133%
CANNUR	101%	-100%	61%	62%	-27%	-18%	-24%	-35%	44%	44%	83%	18%
ERNAKULAM	-82%	-97%	19%	105%	-41%	-18%	-45%	-40%	33%	18%	129%	311%
IDUKKI	-90%	-35%	80%	87%	-29%	-1%	-45%	-49%	12%	-26%	44%	165%
KASARGOD	-61%	-100%	332%	151%	-30%	-45%	-24%	-32%	-23%	26%	9%	4%
KOLLAM	-56%	-2%	-45%	76%	-9%	-10%	-54%	-45%	17%	6%	39%	26%
KOTTAYAM	-30%	-82%	211%	122%	-15%	-5%	-48%	-24%	38%	27%	14%	197%
KOZHIKODE	-100%	-100%	134%	12%	-26%	-25%	-18%	-49%	15%	34%	53%	-71%
MALAPPURAM	-100%	-100%	193%	92%	-15%	-10%	-48%	-33%	26%	0%	72%	59%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PALAKKAD	-100%	-70%	20%	87%	55%	-2%	-53%	-34%	11%	-46%	34%	69%
PATHANAMTHITTA	-61%	-60%	3%	158%	-40%	-34%	-66%	-24%	31%	52%	57%	54%
THIRUVANANTHAPURAM	-50%	-98%	42%	120%	56%	6%	-74%	-50%	90%	37%	44%	150%
THRISSUR	-73%	-100%	126%	76%	-35%	-12%	-40%	-37%	13%	-7%	33%	163%
WYNAD	-98%	-100%	162%	67%	16%	19%	-73%	-62%	1%	-28%	21%	33%
<b>LAKSHADWEEP</b>												
LAKSHADWEEP	-90%	-97%	-69%	78%	-22%	-10%	-11%	-33%	-3%	5%	96%	170%
<b>MADHYA PRADESH</b>												
ALIRAJPUR	-100%	9%	1210%	531%	-23%	88%	65%	-86%	-24%	-87%	1%	-100%
ANUPPUR	-47%	-21%	155%	4%	-100%	-47%	-39%	-43%	-60%	-37%	-100%	-97%
ASHOKNAGAR	469%	223%	1383%	4150%	-100%	-3%	18%	-11%	-88%	-20%	-100%	-96%
BALAGHAT	-71%	-53%	364%	195%	-59%	23%	-57%	-29%	-39%	-88%	-100%	-89%
BARWANI	103%	-100%	425%	1307%	-100%	39%	-23%	-18%	-1%	-43%	-94%	-100%
BETUL	1578%	184%	1178%	392%	-65%	64%	-26%	29%	-45%	-78%	-100%	-100%
BHIND	189%	-82%	2048%	188%	-35%	-36%	-9%	-46%	-86%	-72%	-100%	-18%
BHOPAL	240%	-100%	600%	-36%	35%	49%	40%	-11%	-78%	-91%	-100%	-100%
BURHANPUR	887%	353%	1118%	849%	-67%	-59%	-25%	42%	-24%	-98%	-100%	-100%
CHHATARPUR	177%	-12%	788%	1048%	-78%	95%	-31%	-58%	-75%	-35%	16%	-2%
CHINDWARA	51%	-35%	357%	332%	21%	27%	-16%	31%	-20%	-5%	-95%	-95%
DAMOH	196%	-36%	488%	1132%	-91%	-4%	-39%	-10%	-85%	25%	-100%	-100%
DATIA	323%	3%	1343%	92%	-100%	-32%	5%	-32%	-79%	-75%	-100%	-11%
DEWAS	841%	-100%	474%	1579%	-100%	78%	51%	12%	-58%	-100%	-100%	-100%
DHAR	261%	403%	1570%	955%	-100%	41%	91%	-36%	-41%	-53%	-87%	-100%
DINDORI	-2%	-45%	630%	392%	1%	63%	-21%	-21%	-34%	168%	-100%	-81%
GUNA	274%	273%	517%	287%	-80%	64%	82%	-13%	-92%	-97%	-100%	-100%
GWALIOR	151%	-33%	2043%	43%	115%	-13%	43%	-45%	-72%	-17%	-100%	-60%
HARDA	227%	85%	1532%	3289%	-64%	50%	-2%	34%	-67%	-81%	-100%	-100%
HOSHANGABAD	233%	110%	786%	564%	-6%	11%	9%	4%	-77%	-32%	-100%	-100%
INDORE	895%	-80%	3022%	1365%	-98%	108%	121%	5%	-66%	-92%	-100%	-100%
JABALPUR	227%	34%	761%	543%	-84%	-8%	-1%	-33%	-60%	-29%	-100%	-100%
JHABUA	-38%	-100%	2970%	2296%	-100%	36%	107%	-82%	-83%	-73%	-100%	-100%
KATNI	181%	112%	705%	1264%	-100%	2%	-50%	-47%	-46%	35%	-100%	-100%
KHANDWA	477%	54%	609%	2147%	-86%	39%	-2%	45%	-41%	-35%	-100%	-100%
KHARGONE	314%	-76%	1616%	520%	-83%	31%	-21%	10%	-31%	-74%	-100%	-100%
MANDLA	-77%	6%	454%	188%	-26%	30%	-28%	-17%	-54%	-35%	-100%	-100%
MANDSAUR	212%	164%	816%	-42%	-100%	80%	90%	-41%	-95%	-100%	-100%	-100%
MORENA	125%	-40%	1502%	154%	-61%	87%	-23%	-52%	-94%	-43%	-100%	-28%
NARSINGHPUR	354%	-80%	1159%	470%	-100%	15%	3%	-26%	-73%	4%	-100%	-100%
NEEMUCH	85%	-100%	693%	-100%	-100%	-2%	76%	-41%	-98%	-100%	-100%	-100%
PANNA	77%	-14%	877%	1008%	-100%	-38%	-34%	-41%	-75%	-40%	-55%	-100%
RAISEN	423%	-100%	529%	593%	-56%	23%	30%	-4%	-70%	-86%	-100%	-100%
RAJGARH	474%	45%	772%	477%	-79%	103%	198%	-2%	-85%	-94%	-100%	-100%
RATLAM	527%	237%	1002%	100%	-100%	113%	173%	-64%	-80%	-93%	-100%	-95%
REWA	257%	-95%	307%	293%	-63%	-17%	-6%	-38%	-93%	143%	-100%	-100%
SAGAR	152%	-94%	372%	526%	-81%	-13%	-25%	-43%	-84%	-49%	-100%	-100%
SATNA	287%	-71%	684%	254%	390%	-4%	-1%	-14%	-38%	52%	-43%	-100%
SEHORE	407%	-71%	892%	517%	-97%	49%	67%	-33%	-77%	-86%	-100%	-100%
SEONI	-92%	121%	344%	158%	51%	-15%	-26%	-1%	-68%	-1%	-100%	-100%
SHAHDOL	-49%	-90%	373%	864%	419%	-46%	-6%	-58%	-69%	52%	-100%	-100%
SHAJAPUR	501%	-39%	821%	259%	-94%	191%	164%	20%	-83%	-96%	-100%	-100%
SHEOPUR	102%	-85%	2214%	59%	-100%	40%	-47%	-24%	-92%	-31%	-100%	9%
SHIVPURI	70%	-4%	1671%	30%	-93%	-13%	-19%	20%	-88%	-3%	-100%	-55%
SIDHI	155%	-100%	329%	500%	-85%	0%	-29%	-37%	-93%	170%	-100%	-100%
SINGRAULI	292%	-100%	746%	521%	-38%	-42%	-11%	9%	-90%	36%	-100%	-68%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TIKAMGARH	72%	41%	1678%	733%	-100%	-25%	-16%	-37%	-80%	-81%	-100%	-100%
UJJAIN	428%	24%	2340%	2925%	-74%	159%	215%	-21%	-81%	-94%	-100%	-59%
UMARIA	78%	-83%	218%	-38%	-90%	-7%	-13%	-6%	-80%	25%	-100%	-100%
VIDISHA	269%	-100%	885%	483%	-100%	22%	13%	-26%	-52%	-52%	-87%	-100%
<b>MAHARASHTRA</b>												
AHMEDNAGAR	-11%	-100%	2230%	-93%	-69%	-8%	-66%	-64%	22%	-53%	20%	-100%
AKOLA	404%	-81%	1290%	908%	-81%	10%	-70%	26%	2%	-87%	-100%	-100%
AMRAOTI	396%	28%	960%	365%	-58%	61%	-51%	25%	-29%	-97%	-100%	-100%
AURANGABAD	206%	55%	1298%	709%	-70%	30%	-83%	-38%	37%	-74%	-90%	-100%
BEED	110%	-100%	721%	447%	-70%	-47%	-91%	-42%	-27%	-69%	-18%	-100%
BHANDARA	-31%	-82%	390%	215%	30%	54%	-33%	-10%	-21%	-98%	-100%	-82%
BULDHANA	443%	-1%	798%	1273%	-3%	-21%	-78%	15%	51%	-93%	-100%	-100%
CHANDRAPUR	212%	-75%	309%	148%	195%	84%	-59%	-21%	21%	-90%	-100%	-100%
DHULE						29%	-44%	-41%	99%	-85%	-97%	-100%
GADCHIROLI	195%	-100%	153%	140%	10%	99%	-65%	-33%	-4%	-74%	-100%	-100%
GONDIA	1%	-88%	330%	195%	107%	45%	-32%	-8%	3%	-93%	-100%	-81%
HINGOLI	301%	57%	398%	552%	-29%	-11%	-82%	-33%	17%	-90%	-100%	-100%
JALGAON	-79%	141%	1024%	757%	-4%	-25%	-76%	-31%	10%	-93%	-89%	-100%
JALNA	482%	153%	811%	726%	-89%	-10%	-91%	-13%	16%	-81%	-94%	-100%
KOLHAPUR	-80%	-100%	632%	-68%	-7%	17%	-76%	-66%	-71%	-46%	-89%	-100%
LATUR	8%	-100%	157%	277%	-11%	-44%	-86%	-52%	-9%	-54%	-85%	-100%
MUMBAI CITY	-100%	-100%	3300%	40%	-87%	61%	-64%	-63%	-13%	-5%	-88%	-100%
MUMBAI SUBURBAN	-100%	-100%	3150%	-100%	-100%	105%	-54%	-70%	-34%	-59%	-87%	-100%
NAGPUR	-43%	39%	335%	235%	28%	75%	-44%	36%	-22%	-77%	-99%	-100%
NANDED	168%	-100%	329%	531%	85%	9%	-80%	-40%	-26%	-92%	-100%	-100%
NANDURBAR						16%	-4%	-87%	52%	-92%	-91%	-100%
NASHIK	171%	-100%	3678%	68%	-99%	14%	-19%	-65%	13%	-46%	9%	-100%
OSMANABAD	142%	-100%	427%	464%	-38%	-41%	-87%	-36%	-24%	-46%	-70%	-100%
PARBHANI	42%	-90%	173%	639%	-41%	-39%	-88%	-63%	-11%	-87%	-100%	-100%
PUNE	-100%	500%	3035%	75%	7%	46%	-55%	-76%	-6%	-5%	87%	-100%
RAIGAD	-100%	-100%	54052%	-12%	-43%	37%	-55%	-57%	-38%	-7%	-15%	-100%
RATNAGIRI	5900%	-100%	31588%	-99%	-79%	24%	-66%	-48%	-22%	-9%	-47%	-100%
SANGLI	406%	-100%	641%	-18%	3%	10%	-85%	-75%	-19%	-32%	-77%	-100%
SATARA	-100%	-100%	775%	-24%	56%	49%	-71%	-67%	-30%	-12%	-50%	-100%
SHOLAPUR	-100%	-100%	374%	17%	-27%	-6%	-95%	-69%	-42%	-30%	-82%	-93%
SINDHUDURG	-100%	-100%	11375%	-10%	-55%	-14%	-53%	-25%	-26%	-25%	35%	-100%
THANE	-100%	-100%	7195%	-100%	-100%	25%	-32%	-62%	-31%	-28%	285%	-100%
WARDHA	23%	4%	427%	114%	-55%	37%	-29%	10%	-17%	-85%	-100%	-100%
WASHIM	58%	-25%	988%	710%	-92%	16%	-70%	-1%	-16%	-94%	-100%	-100%
YEOTMAL	160%	-15%	436%	146%	-18%	18%	-68%	-23%	12%	-97%	-100%	-100%
<b>MANIPUR</b>												
CHANDEL	147%	-82%										
IMPHAL EAST	206%	-84%	-79%	37%	-78%	-39%	1%	-10%	-18%	-22%	-73%	-98%
IMPHAL WEST	-91%	-99%	-82%	409%	31%	12%	107%	51%	-2%	-76%	-92%	-43%
SENAPATI	36%	-92%	-92%	55%	-65%	-56%	-30%	-6%	-44%			
THOUBAL	11%	-62%	-81%	27%	-39%	-49%	29%	-24%	11%	-34%	-100%	
<b>MEGHALAYA</b>												
EAST GARO HILLS	32%	-22%	78%	61%	58%	125%	-41%	167%	110%	-43%	-51%	-100%
EAST KHASI HILLS	24%	4%	-69%	19%	-7%	64%	-48%	133%	78%	-65%	-78%	-39%
JAINTIA HILLS	18%	-20%	-38%	63%	-51%	-30%	-54%	-8%	-50%	-85%	-100%	-100%
RI-BHOI	-25%	-58%	-29%	23%	-22%	-46%	-66%	-12%	-27%	-47%	31%	-96%
SOUTH GARO HILLS	-56%	87%				22%	36%	-19%				-57%
WEST GARO HILLS	600%	113%	-31%	-3%	34%	11%	-57%	48%	19%	-93%	-81%	28%
WEST KHASI HILLS	-49%	-26%	0%	122%	-11%	-19%	-74%	127%	18%	-26%	-100%	-95%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>MIZORAM</b>												
AIZWAL	14%	-52%	-68%	46%	-35%	-19%	-11%	-10%	-23%	-5%	-93%	-81%
KOLASIB			-98%	0%	-37%	-72%	-70%					
LUNGLEI						46%			95%	-74%		-7%
SAIHA	136%	-100%	-66%	52%	-69%	-9%	-17%					
SERCHHIP	-100%	-93%	-54%	96%	-62%	-27%	20%	18%	21%	-6%	-96%	
<b>NAGALAND</b>												
DIMAPUR	68%	452%	-57%	87%	-55%	-14%	21%	-34%	12%	-23%	-50%	-67%
KEPHIRE			-97%	-61%	-79%	-78%	-67%	-68%	-58%		-70%	
KOHIMA	108%	-7%	-61%	89%	-70%	-38%	-19%	18%	-17%	1%	-92%	-54%
MOKOKCHUNG						-85%	-63%	-49%	-64%	-75%	-100%	-4%
MON			-40%	149%	23%	-13%	10%	84%			-70%	647%
PHEK	233%	-17%	31%	71%	-44%	-56%		-43%	-55%		-85%	-15%
WOKHA										-13%	-100%	21%
<b>ORISSA</b>												
ANGUL	22%	-82%	-91%	-14%	-48%	-3%	0%	-39%	-32%	-81%	-99%	632%
BALASORE	176%	-69%	-27%	55%	-81%	-1%	59%	-47%	-53%	-86%	-99%	194%
BARGARH	-96%	-68%	-64%	326%	-97%	38%	-30%	-23%	-45%	-98%	-100%	42%
BHADRAK	130%	-91%	-61%	42%	-32%	-34%	66%	-45%	-58%	-77%	-95%	57%
BOLANGIR	48%	-95%	-72%	70%	-73%	-13%	-39%	-36%	-4%	-96%	-100%	43%
BOUDHGARH	-100%	-100%	-98%	49%	-72%	44%	-16%	-27%	-34%	-99%	-100%	324%
CUTTACK	25%	-100%	-95%	0%	-87%	-14%	-8%	-16%	-19%	-66%	-86%	143%
DEOGARH	-100%	-69%	-72%	159%	8%	-7%	3%	-39%	-25%	-78%	-100%	467%
DHENKANAL	55%	-100%	-92%	86%	-43%	-30%	12%	-28%	-39%	-77%	-100%	405%
GAJAPATI	38%	-71%	-85%	6%	-55%	47%	-44%	-36%	6%	-71%	-64%	304%
GANJAM	222%	-94%	-48%	21%	-91%	17%	-32%	-32%	44%	-79%	-56%	153%
JAGAT SINGHPUR	251%	-73%	-87%	21%	-78%	-67%	42%	-14%	-27%	-34%	-87%	-35%
JAJPUR	50%	-70%	-66%	98%	-38%	-32%	58%	-46%	-46%	-82%	-100%	102%
JHARSUGUDA	-21%	-83%	-84%	85%	-80%	-19%	21%	7%	9%	-95%	-100%	254%
KALAHANDI	244%	-100%	-58%	124%	-28%	-5%	-32%	-37%	50%	-96%	-95%	72%
KANDHAMAL	58%	-70%	-69%	107%	-66%	-20%	-42%	-46%	-1%	-97%	-100%	424%
KENDRAPARA	426%	-89%	-91%	219%	-74%	-38%	60%	-22%	-53%	-55%	-78%	-94%
KEONJHARGARH	-26%	-52%	-68%	24%	-46%	-6%	18%	-48%	-49%	-70%	-100%	401%
KHURDA	66%	-81%	-36%	53%	-83%	-41%	-28%	-23%	-26%	-82%	-87%	-10%
KORAPUT	-30%	-94%	20%	54%	-33%	61%	-73%	-23%	113%	-75%	-53%	9%
MALKANGIRI	67%	-45%	-23%	94%	-19%	207%	-64%	32%	130%	-8%	85%	25%
MAYURBHANJ	79%	-91%	-46%	100%	-39%	-11%	48%	-45%	-57%	-82%	-100%	355%
NAWAPARA	-98%	-100%	-86%	228%	-34%	45%	-19%	-33%	58%	-97%	-100%	-76%
NAWARANGPUR	-100%	-100%	-78%	117%	-50%	76%	-58%	-28%	128%	-87%	-100%	1132%
NAYAGARH	184%	-90%	-52%	74%	-24%	-28%	-39%	-17%	13%	-76%	-85%	1089%
PURI	312%	-88%	-95%	398%	-96%	-41%	-18%	-13%	-27%	-84%	-24%	251%
RAYAGADA	-51%	-96%	-40%	100%	-45%	48%	-50%	-14%	34%	-82%	-75%	136%
SAMBALPUR	-52%	-82%	-63%	237%	-92%	10%	11%	-29%	-46%	-91%	-100%	187%
SONEPUR	-81%	-98%	-98%	310%	-89%	55%	-42%	-43%	-46%	-98%	-100%	176%
SUNDARGARH	-44%	-98%	-54%	24%	-43%	-10%	34%	-10%	-35%	-81%	-100%	171%
<b>PONDICHERRY</b>												
KARAIKAL	-80%	-100%	-100%	391%	206%	26%	-63%	-42%	-33%	-69%	57%	57%
PONDICHERRY	7%	-99%	-100%	863%	249%	-68%	-38%	27%	-39%	-74%	119%	233%
<b>PUNJAB</b>												
AMRITSAR	-40%	115%	30%	-2%	18%	28%	-32%	-50%	-11%	-34%	-92%	-99%
BARNALA	-24%	-94%	73%	154%	15%	45%	-58%	-52%	8%	28%	-100%	-100%
BHATINDA	83%	-22%	516%	-7%	34%	-33%	-8%	-36%	1%	-79%	-100%	-100%
FARIDKOT	-66%	82%	416%	420%	-86%	142%	-17%	-5%	-37%	-100%	-100%	-100%
FATEHGARH SAHIB	-25%	13%	287%	109%	101%	-20%	13%	-44%	-16%	-51%	-100%	-100%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FEROZEPUR	-82%	-26%	56%	7%	-81%	-19%	-65%	-85%	-71%	-92%	-100%	-100%
GURDASPUR	-56%	64%	236%	115%	-49%	24%	-14%	-14%	25%	-36%	-55%	-87%
HOSHIARPUR	-73%	27%	61%	25%	-34%	-60%	-44%	-56%	4%	-62%	-100%	-94%
JALANDHAR	-21%	40%	111%	198%	21%	-37%	-68%	-79%	-60%	-86%	-100%	-100%
KAPURTHALA	-42%	135%	314%	423%	213%	79%	10%	-32%	-37%	-100%	-100%	-100%
LUDHIANA	-21%	-21%	177%	269%	17%	-50%	10%	-36%	-28%	-68%	-90%	-93%
MANSA	-40%	-36%	129%	126%	-72%	4%	-53%	-100%	-98%	-88%	-100%	-100%
MOGA	-41%	49%	627%	392%	6%	188%	-70%	-76%	9%	-100%	-100%	-100%
MUKTSAR	35%	52%	220%	191%	150%	84%	-33%	-54%	-34%	-73%	-100%	-100%
NAWANSHAHAR	-18%	-22%	170%	21%	8%	-48%	18%	-55%	-53%	-29%	-100%	-70%
PATIALA	-42%	10%	273%	136%	-12%	2%	-39%	-55%	-52%	-65%	-74%	-100%
ROPAR	6%	9%	81%	108%	-13%	-17%	-15%	-18%	-39%	-20%	-100%	-82%
SANGRUR	28%	4%	155%	287%	-2%	53%	-33%	-38%	-10%	-77%	-78%	-100%
SAS NAGAR MOHALI	58%	60%	200%	-1%	-47%	64%	2%	-27%	-21%	-65%	-100%	-100%
TARN TARAN	-35%	193%	311%	541%	228%	92%	-50%	-75%	-20%	-72%	11%	-100%
<b>RAJASTHAN</b>												
AJMER	235%	-99%	2260%	586%	-99%	18%	27%	-28%	-93%	-100%	-100%	-100%
ALWAR	72%	-100%	1926%	559%	-77%	-22%	-41%	-37%	-45%	-73%	-21%	-100%
BANSWARA	-95%	-100%	355%	233%	-100%	25%	43%	-63%	-82%	-97%	-100%	-100%
BARAN	-74%	-92%	1413%	290%	-79%	78%	35%	10%	-83%	-98%	-100%	-62%
BARMER	39%	-100%	60%	150%	43%	45%	241%	-72%	49%	-82%	-100%	-100%
BHARATPUR	178%	-100%	1126%	632%	20%	34%	-12%	-30%	-82%	-9%	-71%	-5%
BHILWARA	44%	-100%	1539%	11%	-58%	45%	37%	-64%	-87%	-99%	-100%	-86%
BIKANER	-96%	-64%	961%	957%	163%	51%	89%	26%	-14%	-57%	-100%	-100%
BUNDI	287%	-100%	3690%	154%	-65%	110%	10%	-5%	-96%	-100%	-100%	-100%
CHITTORGARH	154%	-70%	1413%	17%	-65%	29%	45%	-44%	-83%	-100%	-100%	-100%
CHURU	-39%	-79%	914%	1020%	38%	26%	69%	14%	-81%	-83%	-96%	-100%
DAUSA	187%	-100%	1776%	193%	-95%	21%	-51%	-47%	-90%	2%	-57%	-100%
DHOLPUR	262%	-100%	929%	433%	-61%	33%	-46%	-28%	-80%	-32%	-100%	35%
DUNGARPUR	-100%	-100%	960%	490%	-100%	94%	68%	-62%	-56%	-100%	-100%	-100%
HANUMANGARH	-40%	-39%	994%	678%	-37%	46%	0%	-33%	65%	266%	-72%	-100%
JAIPUR	41%	-98%	2784%	508%	-99%	29%	0%	-62%	-88%	9%	-82%	-100%
JAISALMER	-100%	-100%	662%	292%	18%	107%	186%	-22%	124%	-97%	-100%	-100%
JALORE	-100%	-100%	-56%	583%	-73%	151%	210%	-44%	-75%	-100%	-100%	-100%
JHALAWAR	213%	-100%	801%	243%	-100%	96%	118%	-15%	-78%	-93%	-100%	-100%
JHUNJHUNU	-62%	-95%	756%	795%	-32%	53%	-17%	-21%	-59%	-62%	37%	-100%
JODHPUR	-75%	-100%	301%	293%	41%	144%	103%	-49%	-55%	-86%	-100%	-100%
KARALI	155%	-100%	1857%	465%	-75%	64%	-55%	-35%	-89%	-9%	76%	137%
KOTA	144%	-80%	2167%	538%	-99%	43%	25%	-5%	-91%	-100%	-42%	-76%
NAGOUR	-34%	-100%	1469%	857%	12%	66%	104%	-51%	-80%	-100%	-100%	-100%
PALI	-70%	-100%	766%	48%	-86%	120%	111%	-55%	-93%	-100%	-100%	-100%
PRATAPGARH	-6%	-100%	459%	-45%	-100%	37%	54%	-70%	-91%	-100%	-100%	-100%
RAJSAMAND	-100%	-100%	962%	-40%	-56%	51%	87%	-39%	-87%	-100%	-100%	-100%
SAWAI MADHOPUR	176%	-100%	2413%	266%	-91%	166%	-45%	-42%	-92%	14%	-95%	1%
SIKAR	83%	-100%	924%	772%	-9%	37%	81%	-3%	-90%	-43%	-100%	-100%
SIROHI	121%	-100%	356%	266%	-92%	157%	137%	-70%	-78%	-100%	-100%	-100%
SRI GANGANAGAR	-26%	-75%	484%	248%	-26%	11%	47%	-9%	152%	-66%	-100%	-100%
TONK	208%	-100%	2978%	639%	-25%	44%	12%	-33%	-89%	-93%	-100%	-100%
UDAIPUR	209%	-100%	544%	549%	-100%	52%	78%	-48%	-60%	-100%	-100%	-100%
<b>SIKKIM</b>												
EAST SIKKIM	-78%	-69%	19%	54%	33%	30%	10%	-35%	-11%	-36%	203%	-95%
NORTH SIKKIM	-64%	-65%	-9%	0%	40%	58%	-20%	55%	-18%	-61%	36%	67%
SOUTH SIKKIM	-93%	-84%	21%	-12%	-7%	-15%	23%	-14%	26%	-46%	63%	-80%
WEST SIKKIM	-89%	-76%	-81%	-49%	-32%	-11%	-28%	-36%	20%	-79%	-98%	-82%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>TAMILNADU</b>												
ARIYALUR	-79%	-100%	-96%	95%	0%	-22%	72%	-60%	-66%	-21%	81%	6%
CHENNAI	-37%	-100%	-100%	340%	-85%	-59%	41%	-19%	-41%	-44%	177%	188%
COIMBATORE	-100%	-100%	59%	143%	132%	218%	11%	48%	34%	-26%	49%	-26%
CUDDALORE	-47%	-100%	-97%	277%	91%	53%	11%	-32%	-65%	-55%	146%	128%
DHARMAPURI	219%	-94%	118%	122%	19%	46%	-89%	27%	-21%	-35%	185%	-17%
DINDIGUL	72%	-99%	30%	124%	129%	57%	-65%	-43%	-9%	-48%	82%	11%
ERODE	-82%	-100%	18%	135%	28%	79%	-88%	29%	-6%	-20%	124%	-52%
KANCHIPURAM	-90%	-100%	-100%	202%	-2%	-53%	-7%	-14%	-53%	-20%	275%	332%
KANYAKU MARI	-45%	-43%	14%	62%	84%	33%	-66%	-57%	110%	69%	28%	111%
KARUR	88%	-100%	-9%	176%	75%	68%	-100%	-35%	11%	-34%	83%	-8%
KRISHNAGIRI	32%	-63%	54%	167%	15%	76%	-79%	26%	-28%	-24%	268%	-40%
MADURAI	-13%	-100%	-13%	175%	106%	-9%	-67%	-20%	-4%	-62%	82%	-4%
NAGAPATTINAM	-68%	-100%	-98%	116%	189%	80%	-49%	-33%	-71%	-53%	90%	67%
NAMAKKAL	276%	-85%	-79%	144%	-18%	3%	-65%	-33%	27%	-27%	64%	-11%
NILGIRI	-95%	-99%	286%	71%	94%	80%	-64%	-47%	3%	-30%	91%	-16%
PERAMBALUR	70%	-88%	-100%	300%	26%	-22%	-43%	65%	21%	-19%	86%	-12%
PUDUKKOTTAI	-87%	-68%	-55%	213%	151%	4%	-32%	-48%	-40%	3%	82%	41%
RAMANATHAPURAM	-96%	-86%	-4%	181%	192%	-81%	-22%	37%	18%	-28%	44%	41%
SALEM	106%	-40%	88%	165%	3%	23%	-67%	-13%	-17%	-20%	123%	6%
SIVAGANGA	9%	-86%	70%	174%	96%	37%	49%	39%	-18%	-62%	100%	7%
THANJAVUR	-93%	-100%	-60%	201%	83%	-28%	-27%	-23%	-50%	-17%	50%	44%
THENI	-62%	-35%	26%	131%	192%	430%	-8%	26%	152%	-48%	75%	37%
TIRUNELVELI	-86%	-57%	58%	98%	116%	57%	-64%	-62%	96%	57%	148%	183%
TIRUPUR	30%	-100%	109%	230%	139%	74%	-86%	-7%	14%	-56%	87%	24%
TIRUVALLUR	-96%	-100%	-75%	288%	-20%	-29%	36%	26%	-37%	-16%	247%	229%
TIRUVANNAMALAI	-100%	-100%	-84%	494%	-11%	30%	-4%	24%	-25%	-34%	92%	73%
TIRUVARUR	-91%	-100%	29%	264%	170%	54%	-26%	-35%	-45%	-21%	59%	79%
TOOTHUKUDI	-90%	-60%	15%	-20%	121%	111%	-94%	-19%	-13%	-11%	98%	80%
TRICHY	-25%	-78%	-97%	170%	80%	-21%	-75%	-24%	-24%	-2%	50%	-19%
VELLORE	-84%	-95%	14%	315%	-16%	57%	-47%	19%	-20%	-14%	312%	42%
VILUPPURAM	-84%	-100%	-100%	438%	35%	-70%	-8%	-13%	-42%	-58%	184%	149%
VIRUDHUNAGAR	-87%	-69%	-18%	2%	67%	-32%	-15%	-44%	-8%	-42%	64%	92%
<b>TELANGANA</b>												
ADILABAD	386%	-100%	414%	323%	84%	56%	-53%	-40%	1%	-94%	-100%	-42%
HYDERABAD	-98%	-100%	42%	173%	-86%	4%	-78%	-60%	-22%	-22%	-99%	-100%
KARIMNAGAR	195%	-100%	259%	241%	-33%	37%	-64%	-37%	30%	-84%	-100%	-93%
KHAMMAM	-59%	-100%	-37%	96%	-40%	165%	-65%	-25%	16%	-87%	-66%	-99%
MAHABUBNAGAR	119%	-100%	329%	224%	-47%	-23%	-79%	-32%	-21%	-54%	-98%	12%
MEDAK	30%	-100%	385%	177%	-31%	-24%	-82%	-53%	-34%	-68%	-100%	-100%
NALGONDA	-100%	-100%	-66%	182%	-31%	55%	-62%	14%	-1%	-73%	-77%	-97%
NIZAMABAD	91%	-100%	357%	577%	5%	-4%	-78%	-47%	-47%	-70%	-99%	-89%
RANGAREDDY	128%	-100%	441%	265%	-44%	-2%	-76%	-31%	-37%	-78%	-99%	-86%
WARANGAL	-26%	-100%	141%	411%	-44%	154%	-62%	-21%	15%	-75%	-97%	-99%
<b>TRIPURA</b>												
DHALAI	-80%	-6%	-65%	33%	-10%	-54%	49%	9%	51%	-50%	-96%	-76%
NORTH TRIPURA	-83%	-38%	-99%	53%	5%	-19%	-18%	3%	-34%	-53%	-76%	210%
SOUTH TRIPURA	-77%	-94%	-87%	43%	-16%	-30%	50%	12%	61%	-24%	-98%	-79%
WEST TRIPURA	-93%	-52%	-87%	71%	-20%	-35%	42%	-4%	-17%	-55%	-99%	-30%
<b>UTTAR PRADESH</b>												
AGRA	83%	-95%	707%	538%	44%	-49%	-75%	-63%	-81%	-50%	-100%	-39%
ALIGARH	103%	-100%	496%	398%	-64%	-27%	-42%	-20%	-80%	-61%	-100%	-28%
ALLAHABAD	242%	-90%	535%	840%	-100%	0%	-40%	-44%	-92%	-42%	-100%	-73%
AMBEDKARNAGAR	116%	-100%	914%	513%	-72%	-94%	-81%	-81%	-100%	-50%	-100%	329%

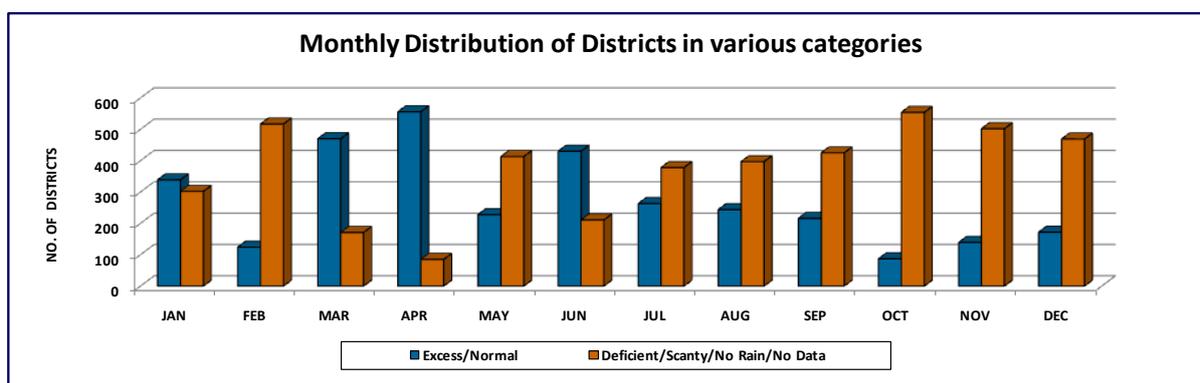
DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
AURAIYA	19%	-100%	699%	-69%	-81%	-47%	-46%	-74%	-94%	-64%	-100%	-100%
AZAMGARH	27%	-77%	506%	1118%	-94%	20%	-36%	-3%	-92%	-91%	-100%	353%
BADAUN	232%	-100%	359%	478%	-41%	37%	6%	-39%	-77%	-99%	-100%	-59%
BAGHPAT	40%	-88%	828%	293%	143%	14%	-35%	-37%	-86%	-96%	-43%	-100%
BAHRAICH	135%	-41%	237%	146%	-30%	13%	-35%	10%	-91%	-10%	-100%	-99%
BALLIA	39%	-92%	150%	383%	74%	-5%	-51%	-15%	-81%	-76%	-100%	-100%
BALRAMPUR	158%	-17%	315%	158%	-53%	77%	-64%	-33%	-98%	-95%	-100%	-100%
BANDA	126%	111%	1499%	299%	-95%	-10%	-21%	-63%	-59%	-76%	-71%	-29%
BARABANKI	47%	-57%	453%	200%	-82%	-16%	-50%	-38%	-90%	-98%	-100%	-54%
BAREILLY	114%	-55%	475%	255%	-70%	68%	-5%	-37%	-80%	-90%	-43%	-100%
BASTI	8%	-76%	-8%	102%	33%	27%	-50%	-3%	-98%	-83%	-100%	-100%
BIJNOR	6%	-77%	278%	149%	-35%	86%	-18%	-16%	-38%	-94%	-30%	-100%
BULANDSHAHAR	-17%	-100%	333%	259%	-88%	-11%	-16%	-13%	-98%	-82%	-100%	-100%
CHANDAULI	25%	-70%	-3%	847%	-63%	12%	-32%	-26%	-94%	-74%	-100%	-100%
DEORIA	-23%	-94%	329%	337%	-29%	-71%	-50%	-38%	-98%	-60%	-100%	-100%
ETAH	178%	-100%	334%	342%	-66%	2%	-37%	-68%	-85%	-79%	-100%	-46%
ETAWAH	-50%	-100%	976%	182%	-67%	-30%	-41%	-46%	-73%	-88%	-100%	383%
FAIZABAD	19%	-82%	258%	556%	-71%	-31%	-57%	-29%	-98%	-99%	-100%	-100%
FARRUKHABAD	54%	-100%	622%	286%	-59%	-37%	-35%	-55%	-90%	-82%	-100%	-85%
FATEHPUR	-15%	-54%	463%	139%	-100%	-95%	-72%	-93%	-99%	-88%	21%	-30%
FIROZABAD	142%	-100%	755%	1107%	22%	-43%	-7%	-29%	-89%	-95%	-100%	235%
GAUTAM BUDDHA NAGAR	160%	-100%	521%	1000%	-33%	60%	-21%	-12%	-100%	-100%	-100%	-100%
GHAZIABAD	47%	-32%	262%	234%	-33%	26%	-8%	-61%	-85%	-93%	-63%	-100%
GHAZIPIUR	20%	-93%	377%	342%	-82%	68%	-25%	-14%	-73%	-54%	-87%	-97%
GONDA	25%	-52%	196%	-21%	-9%	-15%	-55%	-27%	-96%	-92%	-100%	-89%
GORAKHPUR	49%	-18%	348%	159%	10%	-22%	-64%	-29%	-89%	-89%	-100%	-100%
HAMIRPUR	41%	34%	1347%	392%	-80%	-86%	-24%	-67%	-86%	-68%	-91%	50%
HARDOI	6%	-95%	604%	201%	-70%	-59%	2%	-30%	-81%	-78%	-100%	-71%
JALAUN	133%	-100%	812%	107%	-42%	-68%	-21%	-61%	-98%	-59%	-100%	-31%
JAUNPUR	219%	-95%	274%	393%	-96%	-33%	-34%	-21%	-96%	-88%	-100%	-79%
JHANSI	174%	40%	764%	237%	24%	-72%	-19%	-59%	-88%	-69%	-6%	-95%
JYOTIBA PHULE NAGAR	-41%	59%	192%	923%	-21%	31%	-7%	-44%	-83%	-100%	-53%	-100%
KANNAUJ	63%	-72%	436%	749%	79%	-37%	-16%	-83%	-81%	-74%	-100%	307%
KANPUR CITY	53%	-98%	2070%	260%	105%	-43%	-58%	-68%	-61%	-79%	-98%	80%
KANPUR DEHAT	67%	-100%	878%	374%	-27%	-68%	-64%	-81%	-99%	-64%	-100%	370%
KANSHIRAMNAGAR	409%	-100%	281%	423%	-55%	63%	-8%	-36%	-98%	-100%	-100%	-100%
KAUSHAMBI	399%	-100%	811%	-73%	-100%	-68%	-75%	-81%	-98%	-84%	-100%	-100%
KHERI	38%	-67%	579%	442%	-78%	77%	-11%	-25%	-81%	-95%	-100%	-100%
KUSHI NAGAR	-33%	-100%	33%	34%	-94%	-70%	-75%	-76%	-95%	-88%	-100%	-100%
LALITPUR	110%	85%	477%	547%	-100%	-8%	-64%	-64%	-100%	-91%	-100%	-46%
LUCKNOW	17%	2%	782%	464%	-88%	-33%	-39%	-58%	-93%	-98%	-67%	9%
MAHAMAYA NAGAR	268%	-100%	414%	588%	-63%	43%	-62%	-63%	-74%	-60%	-100%	35%
MAHARAJGANJ	-18%	-80%	208%	38%	-45%	-56%	-63%	-56%	-87%	-28%	-100%	-100%
MAHOBA	47%	25%	817%	1317%	-100%	-82%	-14%	-97%	-87%	-49%	-79%	-12%
MAINPURI	41%	-100%	477%	305%	2%	-70%	-40%	-66%	-93%	-100%	-100%	56%
MATHURA	-14%	-100%	479%	633%	-89%	182%	-22%	-56%	-74%	-94%	-100%	-35%
MAU	1%	-100%	122%	128%	-100%	-36%	-48%	-66%	-90%	-89%	-100%	-100%
MEERUT	30%	25%	518%	133%	79%	20%	-40%	-62%	-77%	-98%	-51%	-100%
MIRZAPUR	97%	-100%	145%	321%	-90%	48%	-16%	-35%	-98%	8%	-100%	-87%
MORADABAD	56%	-9%	328%	516%	39%	117%	18%	-48%	-81%	-83%	39%	-100%
MUZAFFARNAGAR	0%	-91%	687%	332%	-4%	145%	-13%	-54%	-43%	-94%	63%	-100%
PILIBHIT	93%	-51%	468%	70%	-81%	-9%	-51%	-71%	-98%	-89%	-45%	-92%
PRATAPGARH	317%	-43%	769%	450%	-100%	-29%	-25%	-44%	-73%	-100%	-100%	146%
RAE BAREILLY	31%	-70%	684%	316%	-30%	-50%	-57%	-73%	-91%	-95%	-100%	14%

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RAMPUR	92%	-8%	312%	86%	-74%	-45%	-41%	-76%	-96%	-85%	48%	-100%
SAHARANPUR	-37%	-32%	407%	226%	-59%	-45%	-16%	-37%	-43%	-79%	12%	-100%
SAHUJI MAHARAJ NAGAR	219%	-77%	697%	1143%	-100%	-40%	-49%	-60%	-91%	-68%	-100%	33%
SANT KABIR NAGAR	78%	-24%	100%	-2%	-24%	-3%	-60%	-51%	-43%	-99%	-100%	-100%
SANT RAVIDAS NAGAR	200%	-50%	340%	447%	-81%	88%	-36%	-25%	-100%	-94%	-100%	-100%
SHAHJAHANPUR	57%	-100%	422%	438%	-59%	-54%	-8%	-38%	-96%	-89%	-100%	-100%
SHRAWASTI NAGAR						74%	-61%	-16%	-90%	-53%		
SIDDHARTH NAGAR	19%	-100%	38%	267%	-72%	16%	-55%	-5%	-93%	-82%	-100%	-100%
SITAPUR	1%	-76%	329%	465%	-95%	-28%	-18%	-40%	-87%	-99%	-100%	-100%
SONBHADRA	131%	-73%	154%	67%	72%	-12%	-27%	-16%	-95%	-27%	-77%	-35%
SULTANPUR	117%	-35%	515%	228%	-100%	-52%	-24%	-56%	-95%	-97%	-44%	-15%
UNNAO	29%	-80%	951%	378%	14%	-56%	-22%	-72%	-81%	-98%	14%	188%
VARANASI	93%	-83%	243%	1128%	-100%	80%	2%	-20%	-96%	-40%	-100%	-88%
<b>UTTARAKHAND</b>												
ALMORA	-15%	-32%	173%	117%	-75%	-2%	-3%	-36%	-78%	-76%	-86%	-83%
BAGESHWAR	7%	-19%	84%	227%	-4%	59%	10%	-19%	-75%	-30%	-100%	-100%
CHAMOLI	40%	29%	43%	29%	-64%	87%	34%	-11%	-58%	-62%	-97%	-92%
CHAMPAWAT	86%	-39%	344%	43%	-64%	55%	-31%	-14%	-74%	-85%	-57%	-96%
DEHRADUN	-47%	-51%	220%	138%	-75%	-6%	-28%	-21%	-75%	-71%	-77%	-38%
GARHWAL PAURI	-39%	-39%	128%	52%	-18%	31%	-51%	-20%	-80%	-75%	-97%	-100%
GARHWAL TEHRI	-1%	28%	161%	12%	-25%	7%	-40%	-52%	-90%	-89%	-77%	-75%
HARDWAR	-6%	-70%	316%	332%	-29%	52%	-29%	-11%	-76%	-46%	2%	-95%
NAINITAL	49%	-3%	378%	371%	-22%	53%	-3%	-15%	-73%	-61%	-11%	-86%
PITHORAGARH	52%	59%	121%	62%	-26%	-23%	-52%	-51%	-78%	-64%	-94%	-54%
RUDRAPRAYAG	-20%	22%	56%	-37%	-37%	-14%	-27%	-45%	-77%	-73%	-94%	-71%
UDHAM SINGH NAGAR	9%	-41%	480%	42%	-47%	15%	-37%	-32%	-71%	-97%	-71%	-96%
UTTARKASHI	-36%	51%	37%	44%	-49%	-35%	2%	-23%	-70%	-83%	-56%	-1%
<b>WEST BENGAL</b>												
BANKURA	45%	-91%	-68%	136%	-16%	-29%	54%	-21%	-60%	-88%	-100%	-98%
BIRBHUM	-32%	-73%	68%	124%	-31%	45%	123%	-1%	-47%	-80%	-73%	-97%
BURDWAN	-20%	-54%	48%	102%	-19%	71%	100%	0%	-55%	-66%	-100%	-85%
COOCH BEHAR	171%	-3%	90%	1%	11%	-10%	-66%	-1%	-15%	-75%	-9%	-71%
DARJEELING	-90%	-65%	-23%	12%	13%	1%	-23%	7%	11%	-58%	-69%	-62%
EAST MIDNAPORE	-31%	-91%	-26%	286%	-70%	7%	166%	-16%	-53%	-73%	-68%	103%
HOOGLY	-24%	-85%	-43%	23%	-50%	23%	112%	-29%	-11%	-73%	-99%	-74%
HOWRAH	-20%	-83%	-69%	92%	-46%	-2%	149%	-45%	-34%	-74%	-100%	-41%
JALPAIGURI	35%	-19%	-3%	51%	10%	7%	-53%	51%	-2%	-58%	66%	0%
KOLKATA	-78%	-72%	60%	111%	-30%	-19%	84%	16%	-25%	-37%	-100%	-64%
MALDA	38%	-85%	199%	198%	45%	19%	26%	16%	-32%	-83%	-100%	-100%
MURSHIDABAD	-58%	-38%	-37%	47%	1%	44%	95%	7%	-25%	-60%	-29%	-69%
NADIA	-55%	-17%	-12%	136%	-41%	40%	91%	-41%	-17%	-52%	-100%	-44%
NORTH 24 PARGANAS	69%	-90%	21%	155%	-71%	-4%	109%	7%	-35%	-68%	-100%	163%
NORTH DINAJPUR	18%	258%	535%	85%	6%	-44%	-33%	38%	-60%	-97%		
PURULIA	102%	-99%	-87%	101%	51%	-27%	89%	-39%	-70%	-76%	-97%	-78%
SOUTH 24 PAR GANAS	-20%	-79%	-59%	66%	-71%	-16%	63%	-16%	-45%	-89%	-96%	-22%
SOUTH DINAJPUR	4%	5%	-16%	6%	-52%	-62%	-47%	0%	-41%	-78%	33%	-100%
WEST MIDNAPORE	5%	-77%	-57%	116%	-42%	-43%	60%	-25%	-36%	-74%	-100%	92%

The statistics and chart for categorywise distribution of districts for different months have been given at [Table 27](#) and [Figure 74](#) respectively.

**Table 27: Category-wise Number of Districts - Monthly - Year 2015**

CATEGORY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Excess	258	83	435	507	110	253	121	84	83	35	106	118
Normal	81	41	35	49	118	177	142	160	133	52	33	54
Deficient	104	77	46	28	163	150	241	267	178	153	57	59
Scanty	123	180	81	11	161	36	109	100	213	316	128	113
No Rain	45	230	10	12	55	0	1	1	4	53	283	264
No Data	30	30	34	34	34	25	27	29	30	32	34	33



**Figure 74: Monthly No. of Districts in different categories - 2015**

## ANNUAL AND MONSOON RAINFALL FROM 2000 TO 2015

The annual and monsoon rainfall and their departures from normal rainfall from the years 2000 to 2015 are shown in Table 28 and Figure 75 through Figure 78. During last 16 years, the country received annual rainfall of less than 5% of its normal rainfall. It was with positive departures only during 4 years and in rest of the years, it was with negative departures. During the years 2000, 2002, 2009, 2012 and 2014, the rainfall departures were more than 10% towards negative side. The maximum negative departure was 21% in the year 2002. Almost similar situation was observed during SW monsoon season where in the negative departures of more than 10% were observed during the years 2000, 2002, 2009, 2014 and 2015.

**Table 28: SW Monsoon and Annual Rainfall (2000-2015)**

YEAR	SW – MONSOON RAINFALL (mm)		ANNUAL RAINFALL (mm)	
	RAINFALL	% DEPARTURE	RAINFALL	% DEPARTURE
2000	798.1	-10%	1035.4	-13%
2001	818.8	-8%	1100.7	-7%
2002	700.5	-21%	935.9	-21%
2003	902.9	2%	1187.3	0%
2004	807.1	-9%	1106.5	-7%
2005	874.3	-1%	1208.3	2%

2006	889.3	0%	1161.6	-2%
2007	943.0	6%	1179.3	-1%
2008	877.8	-1%	1118.0	-6%
2009	698.3	-21%	953.7	-20%
2010	911.1	3%	1215.5	2%
2011	901.3	2%	1116.3	-6%
2012	823.9	-7%	1054.7	-11%
2013	937.4	6%	1242.6	5%
2014	781.7	-12%	1044.7	-12%
2015	765.8	-14%	1085.0	-9%

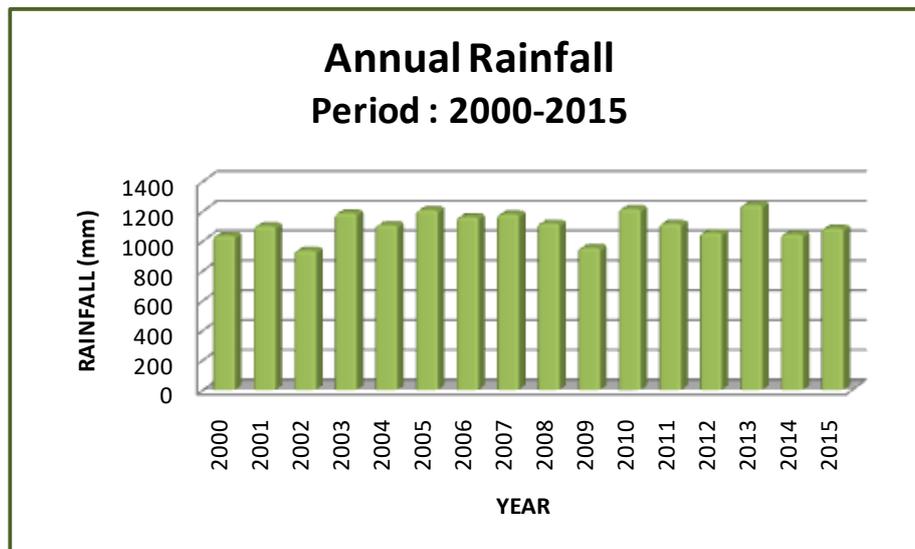


Figure 75: Annual Rainfall 2000-2015

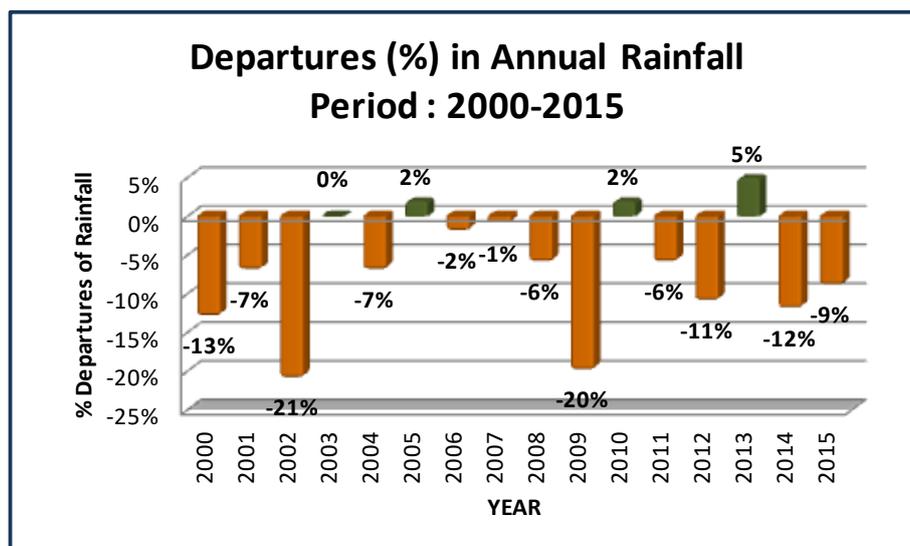


Figure 76: % Departures of Annual Rainfall 2000 - 2015

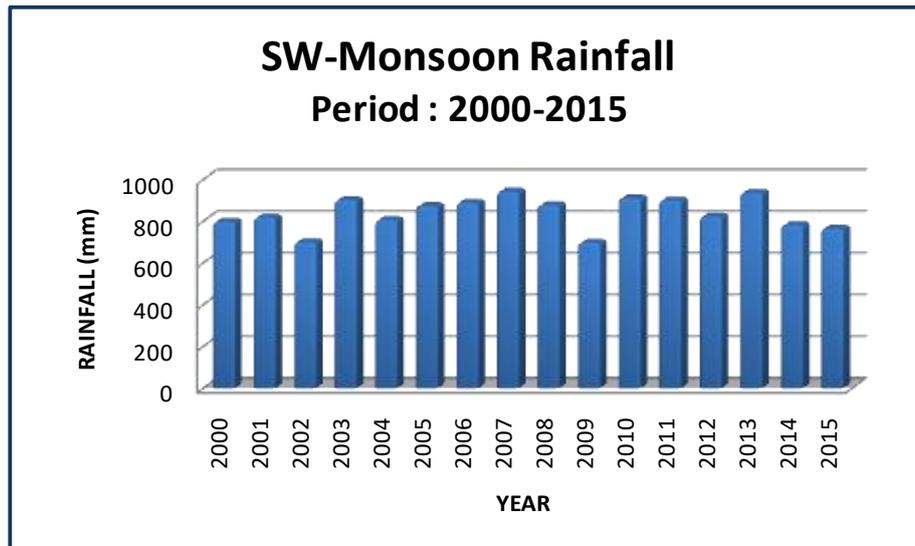


Figure 77: SW Monsoon Rainfall 2000-2015

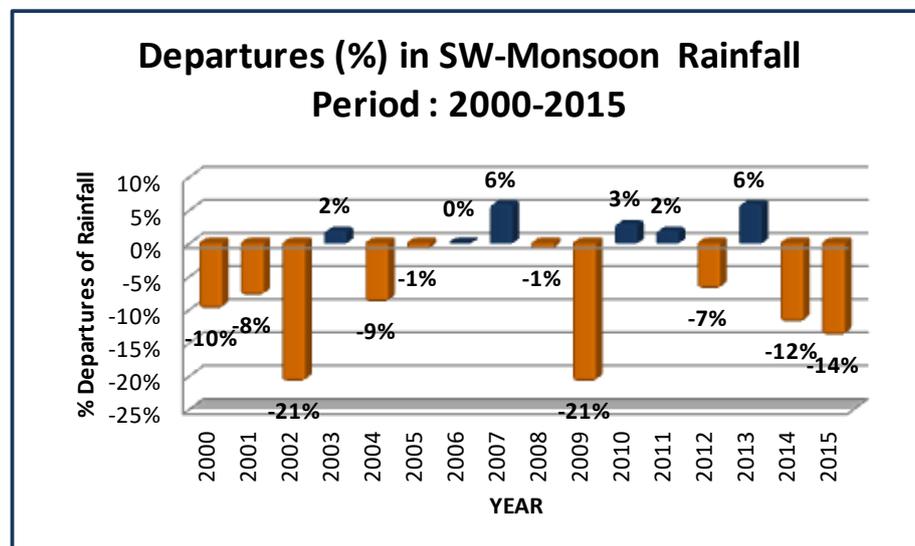


Figure 78: % Departures of SW Monsoon Rainfall 2000 - 2015

## RAINFALL NORMALS

Normal rainfall distribution is based on the rainfall recorded at 2412 locations all over the India during the period from 1951 to 2000.

## RAINFALL NORMALS - REGIONS, SUBDIVISIONS & STATES (Seasonal & Monthly)

The seasonal, annual and monthly rainfall normals for the country, four broad meteorological regions, subdivisions and for the states of India have been given below in the tables from [Table 29](#) through [Table 34](#). The rainfall normals are based on rainfall records for the period from 1951-2000.

**Table 29: Region-wise Seasonal & Annual Rainfall Normals (mm)**

REGIONS	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
COUNTRY AS A WHOLE	41.4	131.5	887.5	127.2	1187.6
NORTH WEST INDIA	77.6	111.6	615.0	62.7	866.9
CENTRAL INDIA	15.9	40.0	975.5	79.6	1111.0
SOUTH PENINSULA	15.2	123.7	716.1	273.3	1128.3
EAST & NORTH EAST INDIA	55.8	372.3	1438.3	171.4	2037.8

**Table 30: Region-wise Monthly Rainfall Normals (mm)**

REGIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
COUNTRY AS A WHOLE	19.2	22.2	30.9	38.3	62.3	163.6	289.2	261.3	173.4	80.9	29.7	16.6
NORTH WEST INDIA	36.9	40.7	48.2	30.6	32.8	69.1	218.2	215.6	112.1	30.6	11.8	20.3
CENTRAL INDIA	8.0	7.9	9.6	9.9	20.5	164.3	324.8	305.0	181.4	58.4	15.1	6.1
SOUTH PENINSULA	7.8	7.4	11.8	34.4	77.5	158.9	219.9	180.7	156.6	156.0	85.0	32.3
EAST & NORTH EAST INDIA	21.1	34.7	65.4	117.5	189.4	349.9	436.7	355.1	296.6	131.3	26.6	13.5

**Table 31: Subdivision-wise Seasonal & Annual Rainfall Normals (mm)**

METEOROLOGICAL SUBDIVISIONS	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
A & N ISLAND	82.9	465.0	1682.5	695.9	2926.3
ARUNACHAL PRADESH	148.1	750.4	1768.0	267.2	2933.7
ASSAM & MEGHALAYA	46.9	590.2	1792.8	195.0	2624.9
N M M T	44.0	494.1	1496.9	243.0	2278.0
SHWB & SIKKIM	60.3	457.1	2006.2	185.3	2708.9
GANGETIC WEST BENGAL	34.4	164.8	1167.9	160.1	1527.2
ORISSA	31.8	134.7	1149.9	144.1	1460.5
JHARKHAND	33.4	79.4	1091.9	91.6	1296.3
BIHAR	23.0	77.5	1027.6	77.5	1205.6
EAST U.P.	28.9	31.7	897.6	60.4	1018.6
WEST U.P.	33.3	29.1	769.4	54.4	886.2
UTTARAKHAND	106.2	156.0	1229.1	89.6	1580.9
HAR. CHD & DELHI	32.9	34.2	466.3	29.4	562.8
PUNJAB	49.5	53.5	491.9	41.0	635.9
HIMACHAL PRADESH	195.5	244.9	825.3	108.2	1373.9
JAMMU & KASHMIR	212.9	326.0	534.6	131.8	1205.3
WEST RAJASTHAN	7.4	19.1	263.2	9.5	299.2
EAST RAJASTHAN	10.5	17.4	615.8	27.6	671.3
WEST MADHYA PRADESH	13.6	13.5	876.1	53.1	956.3
EAST MADHYA PRADESH	35.3	25.1	1051.2	57.8	1169.4
GUJARAT REGION	1.1	6.4	901.0	34.9	943.4
SAURASHTRA & KUTCH	0.6	3.9	473.5	29.0	507.0
KONKAN & GOA	0.3	37.0	2914.3	148.6	3100.2
MADHYA MAHARASHTRA	1.9	37.8	729.3	107.8	876.8
MARATHWADA	6.8	30.3	682.9	101.6	821.6

METEOROLOGICAL SUBDIVISIONS	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
VIDARBHA	17.2	30.9	954.6	81.8	1084.5
CHHATTISGARH	21.3	45.2	1147.3	76.9	1290.7
COASTAL ANDHRA PRADESH	18.7	97.0	581.1	327.4	1024.2
RAYALASEEMA	6.6	82.0	398.3	219.2	706.1
TELANGANA	11.3	56.8	755.2	119.3	942.6
TAMILNADU & PONDICHERRY	30.9	128.1	317.2	438.2	914.4
COASTAL KARNATAKA	0.9	178.8	3083.8	262.8	3526.3
N. I. KARNATAKA	3.9	85.1	506.0	145.3	740.3
S. I. KARNATAKA	4.4	145.2	660.0	209.6	1019.2
KERALA	24.3	379.7	2039.6	480.7	2924.3
LAKSHADWEEP	35.5	232.4	998.5	333.6	1600.0

**Table 32: Subdivision-wise Monthly Rainfall Normals (mm)**

METEOROLOGICAL SUBDIVISIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A & N ISLAND	53.7	29.2	25.0	81.5	358.5	438.6	407.7	403.8	432.4	296.7	253.7	145.5
ARUNACHAL PRADESH	50.1	98.0	179.7	278.8	291.9	500.4	536.1	359.9	371.6	183.0	45.8	38.4
ASSAM & MEGHALAYA	16.4	30.5	77.7	181.2	331.3	502.3	553.9	410.3	326.3	154.8	28.4	11.8
N M M T	13.7	30.3	76.8	149.4	267.9	412.1	415.0	380.1	289.7	179.8	50.7	12.5
SHWB & SIKKIM	26.6	33.7	63.6	123.7	269.8	485.2	615.8	495.2	410.0	154.2	20.3	10.8
GANGETIC WEST BENGAL	13.5	20.9	28.0	42.1	94.7	244.4	331.7	312.3	279.5	129.3	23.3	7.5
ORISSA	10.8	21.0	27.0	37.5	70.2	214.1	337.0	362.1	236.7	111.6	27.7	4.8
JHARKHAND	16.1	17.3	17.1	18.4	43.9	197.5	334.6	315.8	244.0	75.2	9.9	6.5
BIHAR	13.3	9.7	10.1	16.3	51.1	168.5	343.5	291.6	224.0	64.8	6.9	5.8
EAST U.P.	16.8	12.1	9.1	5.6	17.0	107.8	298.0	294.5	197.3	49.2	4.5	6.7
WEST U.P.	18.2	15.1	11.3	4.6	13.2	71.1	258.2	291.6	148.5	42.1	4.7	7.6
UTTARAKHAND	52.1	54.1	57.6	33.3	65.1	167.8	428.1	426.3	206.9	58.6	9.7	21.3
HAR. CHD & DELHI	17.8	15.1	12.7	7.5	14.0	45.9	165.8	173.6	81.0	17.6	4.9	6.9
PUNJAB	25.2	24.3	25.3	12.5	15.7	44.4	186.0	170.4	91.1	22.0	5.7	13.3
HIMACHAL PRADESH	97.5	98.0	114.2	65.4	65.3	95.4	306.9	283.0	140.0	42.5	20.3	45.4
JAMMU & KASHMIR	95.7	117.2	151.9	97.5	76.6	64.1	192.4	186.0	92.1	38.9	33.0	59.9
WEST RAJASTHAN	2.9	4.5	3.8	4.2	11.1	29.9	102.7	89.3	41.3	5.4	2.5	1.6
EAST RAJASTHAN	5.6	4.9	3.7	2.9	10.8	62.5	225.2	228.4	99.7	16.9	7.4	3.3
WEST MADHYA PRADESH	8.5	5.1	4.6	2.0	6.9	105.4	291.6	308.7	170.4	34.4	11.0	7.7
EAST MADHYA PRADESH	20.0	15.3	12.5	5.5	7.1	133.7	347.8	369.7	200.0	37.5	9.9	10.4
GUJARAT REGION	0.8	0.3	1.0	0.3	5.1	129.9	336.7	277.7	156.7	23.7	9.5	1.7
SAURASHTRA & KUTCH	0.4	0.2	1.2	0.2	2.5	85.9	188.2	124.6	74.8	17.9	10.3	0.8
KONKAN & GOA	0.1	0.2	0.0	2.7	34.3	700.0	1110.0	759.6	344.7	121.0	22.3	5.3
MADHYA MAHARASHTRA	1.1	0.8	2.7	8.9	26.2	145.6	242.2	189.1	152.4	79.0	22.7	6.1
MARATHWADA	3.8	3.0	5.7	6.5	18.1	143.3	187.2	188.2	164.2	72.3	21.2	8.1
VIDARBHA	10.2	7.0	12.0	7.7	11.2	168.0	311.9	305.7	169.0	59.6	13.2	9.0
CHHATTISGARH	10.7	10.6	13.3	13.8	18.1	182.8	376.2	373.3	215.0	62.3	8.8	5.8
COASTAL ANDHRA PRADESH	8.3	10.4	11.1	21.8	64.1	103.9	160.4	157.7	159.1	193.2	106.6	27.6
RAYALASEEMA	3.0	3.6	6.5	19.9	55.6	67.7	94.2	103.3	133.1	129.4	66.1	23.7
TELANGANA	5.8	5.5	9.4	16.5	30.9	135.9	238.2	218.8	162.3	92.2	21.6	5.5
TAMILNADU & PONDICHERRY	17.5	13.4	18.3	42.3	67.5	46.0	68.0	87.4	115.8	180.2	170.0	88.0

METEOROLOGICAL SUBDIVISIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
COASTAL KARNATAKA	0.7	0.2	4.1	28.1	146.6	867.7	1159.7	755.5	300.9	189.5	59.6	13.7
N. I. KARNATAKA	2.2	1.7	5.2	25.6	54.3	104.6	135.0	120.4	146.0	112.0	27.3	6.0
S. I. KARNATAKA	1.4	3.0	8.5	43.8	92.9	141.5	216.1	161.4	141.0	147.7	49.2	12.7
KERALA	8.7	15.6	30.4	109.5	239.8	649.8	726.1	419.5	244.2	292.3	150.9	37.5
LAKSHADWEEP	20.8	14.7	11.8	48.9	171.7	330.2	287.7	217.5	163.1	157.1	117.7	58.8

**Table 33: State-wise Seasonal & Annual Rainfall Normals (mm)**

STATES	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
A & N ISLAND(UT)	82.9	465.0	1682.5	695.9	2926.3
ARUNACHAL PRADESH	148.1	750.4	1768.0	267.2	2933.7
ASSAM	48.4	556.1	1523.4	168.9	2296.8
MEGHALAYA	40.2	717.9	2786.8	292.2	3837.1
NAGALAND	47.5	413.7	1329.9	168.7	1959.8
MANIPUR	46.0	358.1	1404.5	231.2	2039.8
MIZORAM	39.4	563.7	1708.3	315.4	2626.8
TRIPURA	44.7	710.3	1489.1	231.2	2475.3
SIKKIM	143.6	729.5	1800.8	297.7	2971.6
WEST BENGAL	33.9	214.8	1390.4	156.7	1795.8
ODISHA	31.8	134.7	1149.9	144.1	1460.5
JHARKHAND	33.4	79.4	1091.9	91.6	1296.3
BIHAR	23.0	77.5	1027.6	77.5	1205.6
UTTAR PRADESH	30.9	30.4	846.1	57.9	965.3
UTTARAKHAND	106.2	156.0	1229.1	89.6	1580.9
HARYANA	32.4	33.6	459.8	28.9	554.7
CHANDIGARH(UT)	83.2	78.1	844.2	65.1	1070.6
DELHI	32.7	43.5	636.2	34.7	747.1
PUNJAB	49.5	53.5	491.9	41.0	635.9
HIMACHAL PRADESH	195.5	244.9	825.3	108.2	1373.9
JAMMU & KASHMIR	212.9	326.0	534.6	131.8	1205.3
RAJASTHAN	9.1	18.0	419.0	17.7	463.8
MADHYA PRADESH	23.3	18.0	952.3	54.8	1048.4
GUJARAT	0.9	4.8	657.6	31.5	694.8
DADRA & NAGAR HAVELI (UT)	0.7	7.4	2316.9	49.1	2374.1
DAMAN & DIU(UT)	1.0	5.3	1720.4	48.6	1775.2
GOA	0.6	95.3	2970.3	200.7	3266.9
MAHARASHTRA	8.2	33.2	1007.3	102.4	1151.1
CHHATISGARH	21.3	45.2	1147.3	76.9	1290.7
ANDHRA PRADESH	13.7	90.8	504.3	281.6	890.4
TELANGANA	11.3	56.8	755.2	119.3	942.6
TAMILNADU	30.8	128.5	317.0	436.1	912.4
PONDICHERRY(UT)	56.7	69.5	355.0	910.2	1391.3
KARNATAKA	3.8	123.0	832.2	188.2	1147.2
KERALA	24.3	379.7	2039.6	480.7	2924.3
LAKSHADWEEP(UT)	35.5	232.4	998.5	333.6	1600.0

**Table 34: State-wise Monthly Rainfall Normals (mm)**

STATES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A & N ISLAND(UT)	53.7	29.2	25.0	81.5	358.5	438.6	407.7	403.8	432.4	296.7	253.7	145.5
ARUNACHAL PRADESH	50.1	98.0	179.7	278.8	291.9	500.4	536.1	359.9	371.6	183.0	45.8	38.4
ASSAM	16.2	32.2	78.4	173.1	304.6	427.2	454.2	356.6	285.4	131.9	25.1	11.9
MEGHALAYA	16.3	23.9	75.5	210.1	432.3	779.8	923.0	607.4	476.6	237.7	42.6	11.9
NAGALAND	18.7	28.8	62.7	136.0	215.0	344.5	402.2	352.8	230.4	120.6	38.1	10.0
MANIPUR	14.0	32.0	57.7	119.1	181.3	421.2	378.8	343.7	260.8	170.0	49.6	11.6
MIZORAM	11.3	28.1	94.5	149.3	319.9	434.6	456.0	443.4	374.3	235.6	65.1	14.7
TRIPURA	11.1	33.6	93.9	222.8	393.6	463.6	410.7	354.0	260.8	176.8	43.2	11.2
SIKKIM	54.8	88.8	166.4	223.0	340.1	494.0	494.0	431.2	381.6	238.7	37.6	21.4
WEST BENGAL	14.4	19.5	28.8	54.0	132.0	303.1	411.3	362.4	313.6	128.3	21.1	7.3
ODISHA	10.8	21.0	27.0	37.5	70.2	214.1	337.0	362.1	236.7	111.6	27.7	4.8
JHARKHAND	16.1	17.3	17.1	18.4	43.9	197.5	334.6	315.8	244.0	75.2	9.9	6.5
BIHAR	13.3	9.7	10.1	16.3	51.1	168.5	343.5	291.6	224.0	64.8	6.9	5.8
UTTAR PRADESH	17.4	13.5	9.7	5.3	15.4	93.0	281.8	293.6	177.7	46.3	4.6	7.0
UTTARAKHAND	52.1	54.1	57.6	33.3	65.1	167.8	428.1	426.3	206.9	58.6	9.7	21.3
HARYANA	17.6	14.8	12.6	7.4	13.6	45.1	163.3	171.2	80.2	17.4	4.8	6.7
CHANDIGARH(UT)	44.3	38.9	33.2	14.8	30.1	120.0	282.4	287.5	154.3	31.8	9.9	23.4
DELHI	16.4	16.3	15.3	8.9	19.3	59.8	220.7	245.5	110.2	20.5	5.6	8.6
PUNJAB	25.2	24.3	25.3	12.5	15.7	44.4	186.0	170.4	91.1	22.0	5.7	13.3
HIMACHAL PRADESH	97.5	98.0	114.2	65.4	65.3	95.4	306.9	283.0	140.0	42.5	20.3	45.4
JAMMU & KASHMIR	95.7	117.2	151.9	97.5	76.6	64.1	192.4	186.0	92.1	38.9	33.0	59.9
RAJASTHAN	4.5	4.6	3.6	3.6	10.8	44.5	156.8	150.8	66.9	10.7	4.8	2.2
MADHYA PRADESH	13.7	9.6	7.9	3.3	6.8	117.7	316.2	335.2	183.2	35.4	10.4	9.0
GUJARAT	0.6	0.3	1.2	0.1	3.5	104.8	251.7	191.0	110.1	20.3	10.1	1.1
DADRA & NAGAR HAVELI (UT)	0.4	0.3	0.0	0.0	7.4	385.1	884.5	655.9	391.4	38.6	10.5	0.0
DAMAN & DIU(UT)	0.5	0.4	0.1	0.1	5.1	307.5	669.2	469.3	274.4	36.4	11.9	0.3
GOA	0.5	0.1	0.5	7.4	87.4	905.7	1103.4	680.8	280.4	155.4	35.1	10.2
MAHARASHTRA	4.8	3.4	6.0	7.3	19.9	204.8	339.0	283.5	180.0	75.3	19.3	7.8
CHHATISGARH	10.7	10.6	13.3	13.8	18.1	182.8	376.2	373.3	215.0	62.3	8.8	5.8
ANDHRA PRADESH	6.1	7.6	9.2	21.1	60.6	88.6	132.5	134.8	148.3	166.4	89.4	25.8
TELANGANA	5.8	1.1	0.0	5.5	-1.0	135.9	238.2	218.8	162.3	92.2	21.6	5.5
TAMILNADU	17.4	13.4	18.4	42.6	67.5	45.9	67.9	87.3	115.9	179.9	169.1	87.1
PONDICHERRY(UT)	29.5	27.2	16.8	12.8	40.0	47.9	76.1	112.9	118.0	272.3	403.3	234.5
KARNATAKA	1.8	2.0	6.5	34.4	82.1	197.2	274.2	202.4	158.4	137.3	41.0	9.9
KERALA	8.7	15.6	30.4	109.5	239.8	649.8	726.1	419.5	244.2	292.3	150.9	37.5
LAKSHADWEEP(UT)	20.8	14.7	11.8	48.9	171.7	330.2	287.7	217.5	163.1	157.1	117.7	58.8



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