भारत के वर्षा आंकड़े -2022

RAINFALL STATISTICS OF INDIA - 2022

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Rainfall Statistics of India – 2022

written by

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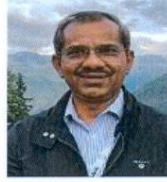
Foreword

It gives me immense pleasure to know that Hydrometeorology Division of India Meteorological Department (IMD) has prepared an annual report entitled 'Rainfall Statistics of India - 2022'. The report has been painstakingly compiled using the station level rainfall data from more than 5900 DRMS stations.

Real-time monitoring of rainfall provides useful inputs for informed decisions benefitting the society. The report contains the detailed rainfall information in monthly, seasonal and annual scale for the districts, states, met sub divisions, four homogeneous regions and for the country. The products available in both tabular and graphical formats in addition to thematic maps provide a lucid description for easy comprehension. This publication is very important for the Policy Makers, Agriculturists, Planners, Research Scholars, flood forecasters and many more.

This report is an outcome of sincere and consistent effort of all the team members of Hydrometeorology Division, IMD. I take this opportunity to express my appreciation to Dr. M. Mohapatra, DGM, Shri S. C. Bhan, Head, Hydrometeorology Division and their team of scientists and staffs for putting their best efforts in brings out this valuable publication successfully.

(M. RAVICHANDRAN)

डॉ. मृत्युंजय महापात्र

मौसम विज्ञान विभाग के महानिदेशक,
विश्व मौसम विज्ञान संगठन में भारत के स्थाई प्रतिनिधि
विश्व मौसम विज्ञान संगठन के तीसरे उपाध्यक्ष

Dr. Mrutyunjay Mohapatra
Director General of Meteorology,
Permanent Representative of India to WMO
Third Vice President of WMO

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Foreword

Rainfall over India depicts large inter-annual and intra-seasonal variations. The variation over different regions is manifested in the pan-India rainfall distribution. While Indian sub-continent experiences predominantly two Monsoon seasons, the rainfall during southwest monsoon season (June to September) has greater significance for India's Economy, especially in agriculture and water resources sector. Analysis of precipitation distribution and trends is critically important considering the dependence of food security and economy on the timely availability of water.

The intra-seasonal variability in rainfall leads to flood and drought every year in one or the other part of the country. Rainfall statistics are, therefore, required by the Policy Makers, Planners, Structure Engineers, Agriculturists, Hydrologists, Research Scholars and many more for proper management of water resources and its efficient use in various purposes. Keeping in view the usefulness of rainfall statistics, the publication of rainfall statistics on annual basis was started 2012 onwards. The current near real-time observed rainfall products are uploaded on IMD website at http://hydro.imd.gov.in/hydrometweb/. The updated and compiled statistics is prepared including updated data. Hope, this updated publication on rainfall statistics for the year 2022 would be useful for the various stakeholders.

It is a great privilege to present the 'Rainfall Statistics of India - 2022' and I appreciate the authors for their efforts in bringing out this publication. I thank and appreciate my colleagues in Hydrometeorology Division of IMD, New Delhi for their whole-hearted efforts in bringing out this publication.

(MRUTYUNJAY MOHAPATRA)

Preface

      India Meteorological Department operates a District wise Rainfall Monitoring Scheme (DRMS) to prepare rainfall statistics, in tabular as well as in graphical forms, using real-time rainfall data received from a network of more than 5900 rain-gauge stations. The statistics are prepared for the administrative zones like districts, states and for the country. The statistics is also prepared for 36 Meteorological Subdivisions and for four broad regions (North West India, Central India, South Peninsula and, North & North East) of India; and at various temporal scales, viz., daily, weekly, monthly, seasonal and annual basis. Although, the current real-time rainfall products are uploaded on IMD website at http://hydro.imd.gov.in/hydrometweb/, updated statistics is in most demand by various users as it includes additional data received in delayed mode. I hope, this publication containing updated rainfall statistics for the year 2022 would be useful for the various stakeholders.

      We are thankful to Shri Rameshwar Ram, Shri Ashok Kumar & Shri Davinder Sharma of Hydrometeorology Division, New Delhi for their whole-hearted contribution in bringing out this publication.

CONTENTS

Abbreviation used

SW	South West
NE	North East
NW	North West
E & NE	East & North East
MET	Meteorological
UT	Union Territory
JJAS	June, July, August and September
U.P.	Uttar Pradesh
N.I. K.	North Interior Karnataka
S.I.K.	South Interior Karnataka
NMMT	Nagaland, Manipur, Meghalaya and Tripura
A & N Islands	Andaman & Nicobar Islands
mm	Millimeter

1. *INTRODUCTION*

Near Real time Rainfall monitoring of the country is one of the major activities of hydrometeorological services of India Meteorological Department (IMD) which is operational at Hydrometeorology Division in the office of Director General of Meteorology. The Government of India initiated District-wise Rainfall Monitoring Scheme in 1989 on persistent demands from Ministry of Agriculture, Planning Commission, Prime Minister's office and other agencies. There are more than 5600 raingaue stations under the scheme which is used in preparation of the real time rainfall statistics for different spatial and temporal scale. This year 2022, new Rainfall Normal is implemented based on the station-wise rainfall records for the period from 1971-2020 for operational use. It is noted that the previous rainfall normal was based on the records for the period 1961-2010 till last year (2021). Rainfall Normal have been computed using the daily rainfall records of 50 years (1971-2020) of a network of 4311 Stations all over the India. The spatial distribution of the DRMS raingauge network which was used in computation of normal rainfall have been depicted in Figure 1.

The long period average (LPA) of winter, pre-monsoon, southwest monsoon and post monsoon rainfall are 39.8 cm, 130.5 cm, 868.5 cm and 121 cm respectively. The LPA of annual rainfall is 116 cm, but it is highly variable in spatial and temporal scale. 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 temporal distribution of LPA rainfall over the four seasons viz., winter (Jan-Feb), pre-monsoon (March to May), southwest monsoon (June to September) and post monsoon (October to December) are 3, 11, 75 and 11% respectively. So, most of the rainfall received in the four rainy months, June to September.

The operational near realtime rainfall statistics is provided on daily, weekly, monthly, 4 seasons i.e. Winter (Jan-Feb), Pre-Monsoon (Mar-May), Southwest (SW) Monsoon (Jun-Sep) and Post-Monsoon (Oct-Dec), and on annual basis.

Figure 1: Raingauge Network - Normal Rainfall
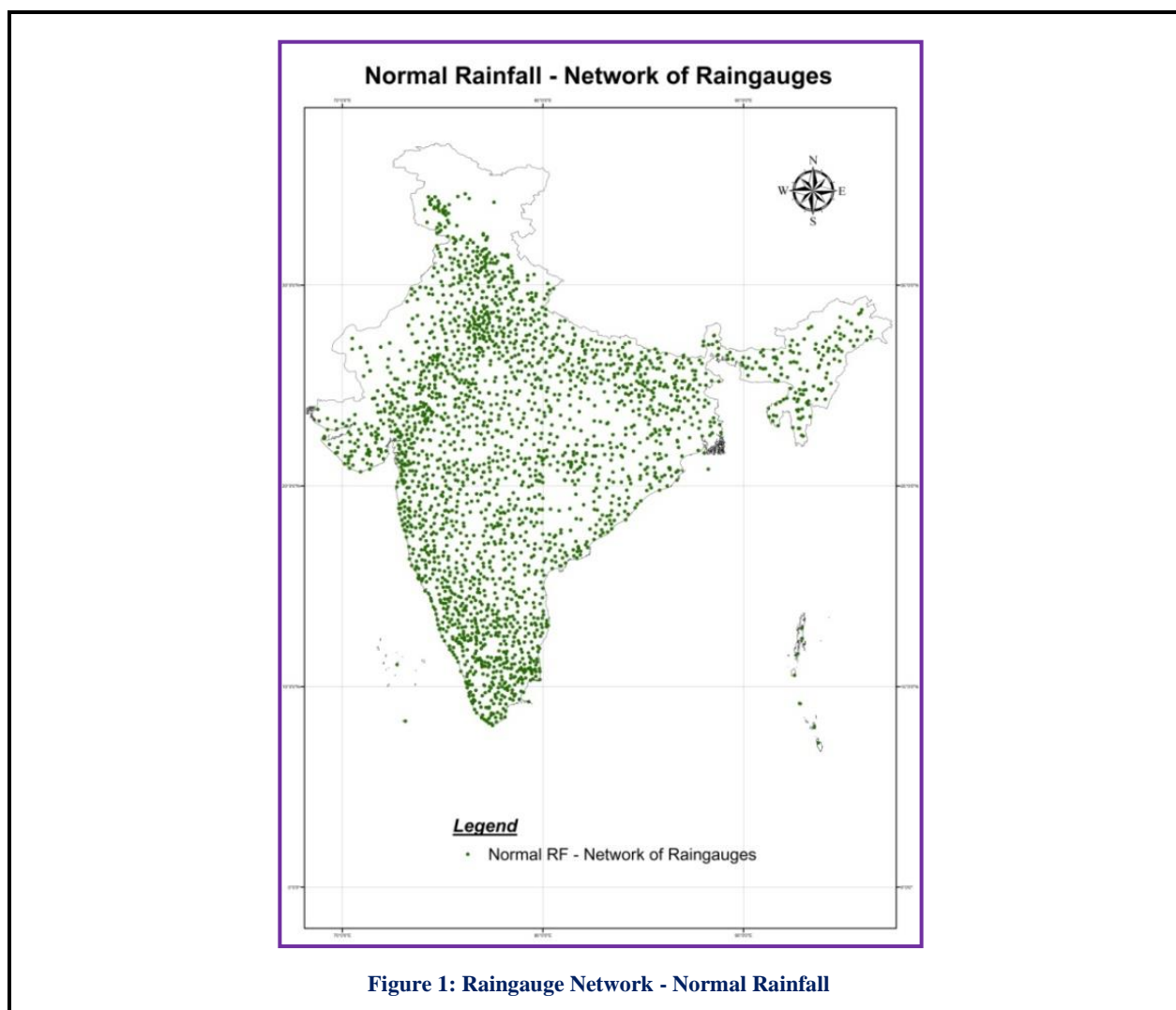
2. *METHODOLOGY*

The rainfall statistics is computed based on the receipt of rainfall data from about 5600 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 (Met.) Subdivisions, states where as using met sub-division rainfall data the four broad regions and for the whole country have been prepared. The present publication includes the updated rainfall statistics for the country as a whole, for all the four broad regions of India, 36 Met. Subdivisions, all States and UTs and 703 Districts of India. The statistics is provided on monthly, 4 seasons i.e. Winter (Jan-Feb), Pre-Monsoon (Mar-May), Southwest (SW) Monsoon (Jun-Sep) and Post-Monsoon (Oct-Dec), and on annual basis.

2.1 Generation of Rainfall Statistics (District/Subdivision/state/Country and four homogenous regions)

a. District rainfall

It is calculated by Arithmetic Mean Method as follows:

$$P_{Dist} = \sum P_i / N$$

P_{Dist} is the district wise average precipitation

$\sum P_i$ is arithmetic sum of the rainfall of all the stations falling in a district, N is the total number of stations in that district.

Subdivision/Sate Rainfall (mm.)		Rainfall for a given period of time		
		District Rainfall (mm.) for given the period	District Area (Sq. Km.)	Rainfall x Area
DISTRICTS	Dist. 1	r_1	a_1	$r_1 x a_1$
	Dist. 2	r_2	a_2	$r_2 x a_2$
	Dist. 3	r_3	a_3	$r_3 x a_3$
	...	...	...	...
	...	...	...	...
	...	...	...	...
	...	...	...	...
	...	...	...	...
	Dist. (m)	...	...	...
	TOTAL		SUM1	SUM2

b. District Rainfall for 'n' No. of days = Avg.1+Avg.2+Avg.3+ … +…+…+…+Avg.(n)

c. For both Subdivision and State, the Area weighted estimate of rainfall for both is made by taking Area Weighted Average Rainfall of Districts of within the sub Division and Area weighted average rainfall of the districts within the state.

$$P_{subdivision/state} = (P_{Dist-1} \times A_{Dist-1} + P_{Dist-2} \times A_{Dist-2} + \text{- - -} + P_{Dist-n} \times A_{Dist-n})/ A_{subdivision/state}.$$

d. The rainfall summary for country as whole is compiled as area weighted average rainfall of met sub-Divisions in similar way.

$$P_{Country} = \sum (P_{subdivision} \times A_{subdivision}) / A_{Country}$$

e. The rainfall summary for the four homogenous regions is compiled as area weighted average rainfall of met sub-Divisions in similar way.

$$P_{homogenous} = \sum (P_{subdivision} \times A_{subdivision}) / A_{homogenous}$$

Where, $A_{homogenous}$ = sum of the area of the subdivisions in the homogenous region.

Percent departure of rainfall from Rainfall Normal, besides these statistics, have been color coded as per their categories. The list of categories, their corresponding ranges and color codes is given in Table 1.

Table 1. The list of categories, their corresponding ranges and color codes

Category	Departure from Normals	Colour Code
Large Excess (LE)	60% or more	
Excess (E)	20% to 59%	
Normal (N)	-19% to +19%	
Deficient (D)	-20% to -59%	
Large Deficient (LD)	-60% to -99%	
No Rain	-100%	
No Data	Data Not Available	

3. RAINFALL STATISTICS FOR THE FOUR HOMOGENIOUS BROAD REGIONS & COUNTRY IN THE YEAR 2022

3.1 SEASONAL & ANNUAL

The region-wise and the country's seasonal and annual actual observed rainfall are given at Table 2, and the percentage departure from normal rainfall are given at Table 3. There is no negative departure of rainfall observed in the four season and consequently annually. The country received annual rainfall of 108% (1257mm) of its normal rainfall of **1160 mm** and during southwest monsoon season, 106% (924.8 mm) of its normal rainfall of **868.5 mm**. During winter the country received good amount of rainfall with compare to LPA rainfall of winter which 147% (58.5mm). It is observed that four homogeneous regions as well as the country as a whole received more than LPA rainfall in winter. During southwest Monsoon season, lowest rainfall deficiency (-18%) observed over East & North East India, where as maximum 22% departure observed over south peninsula.

Table 2: Region-wise seasonal and annual rainfall (mm) - Year 2022

REGIONS	WINTER	PRE-MONSOON	SW MONSOON	POST-MONSOON	ANNUAL
COUNTRY AS A WHOLE	**58.5**	**130.2**	**924.8**	**144.1**	**1257.0**
NORTH WEST INDIA	**108.0**	**42.5**	**594.3**	**82.8**	**827.6**
CENTRAL INDIA	**26.5**	**22.8**	**1160.4**	**94.8**	**1304.5**
SOUTH PENINSULA	**24.2**	**197.4**	**874.6**	**298.1**	**1394.4**
EAST & NORTH EAST INDIA	**73.1**	**443.4**	**1126.7**	**176.4**	**1815.6**

Table 3: %Departure of region-wise seasonal and annual rainfall - Year 2022

REGIONS	WINTER	PRE-MONSOON	SW MONSOON	POST-MONSOON	ANNUAL
COUNTRY AS A WHOLE	**47%**	**0%**	**6%**	**19%**	**8%**
NORTH WEST INDIA	**37%**	**-63%**	**1%**	**57%**	**-1%**
CENTRAL INDIA	**78%**	**-37%**	**19%**	**25%**	**18%**
SOUTH PENINSULA	**54%**	**63%**	**22%**	**9%**	**24%**
EAST & NORTH EAST INDIA	**55%**	**19%**	**-18%**	**11%**	**-7%**

3.2 MONTHLY RAINFALL

The observed monthly rainfall for the country as a whole and also for the four broad regions of the country are given at Table 4 and the % departure from normal rainfall are given at Table 5. The country received maximum rainfall in the month of July as 327.2 mm and minimum in the month of March as 8.9 mm. However, on comparing with normal values, it is observed that the maximum positive departure is of 48% from its normal rainfall in the month

of October whereas the maximum negative departure of rainfall was of 70% in the month of March country as whole. While, looking at the regions of the country, it may be observed that, maximum positive departure of 198% was recorded in North West India in the month of October, whereas the maximum negative departure was of 57% in the month of April in Central India. The highest area weighted rainfall of 457.7 mm was recorded in the month of July in Central India and the least rainfall recorded was 0.4 mm in the month of November in both Central India and East & North East India.

Table 4: Region-wise actual monthly rainfall (mm) - Year 2022

REGIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
COUNTRY AS A WHOLE	39.5	19.1	8.9	38.2	83.2	152.2	327.2	264.0	181.4	111.8	18.6	13.6
NORTH WEST INDIA	78.1	29.9	5.2	5.7	31.6	68.7	232.1	177.3	116.2	64.3	15.2	3.3
CENTRAL INDIA	22.7	3.8	1.1	4.0	17.7	118.2	457.7	365.1	219.4	93.2	0.4	1.2
SOUTH PENINSULA	19.8	4.4	12.4	45.5	139.6	138.2	327.5	242.2	166.7	170.7	70.1	57.3
EAST & NORTH EAST INDIA	24.7	48.4	28.0	164.0	251.4	402.2	234.8	244.8	244.9	170.0	0.4	6.1

Table 5: % Departure of region-wise monthly rainfall - Year 2022

REGIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
COUNTRY AS A WHOLE	131%	-16%	-70%	-3%	35%	-8%	17%	4%	8%	48%	-37%	-14%
NORTH WEST INDIA	131%	-33%	-89%	-82%	-9%	-12%	11%	-10%	13%	198%	26%	-83%
CENTRAL INDIA	207%	-49%	-86%	-57%	-7%	-31%	42%	18%	24%	64%	-97%	-77%
SOUTH PENINSULA	154%	-44%	-20%	34%	94%	-14%	60%	27%	4%	12%	-22%	79%
EAST & NORTH EAST INDIA	43%	61%	-53%	33%	32%	22%	-45%	-26%	-13%	38%	-98%	-54%

3.3 SOUTHWEST MONSOON – 2022

The rainfall statistics for southwest monsoon months and season for the country is given at Table 6. Also, the monthly (JJAS) & southwest monsoon observed and its normal rainfall is given at Figure 2 and the % departure of observed rainfall from their normal rainfall have been depicted Figure 3. During the southwest monsoon season, whole country was at 6% departure from Normal. The departure of country rainfall from LPA of southwest monsoon was 6%. The negative departure of rainfall from LPA for June month's rainfall was 8% whereas remaining month-wise July, August and September were shown positive departure of rainfall values of 17% and 4% and 8% respectively.

Table 6: Rainfall (mm) for the country: southwest monsoon Season - 2022

MONTH	OBSERVED	NORMAL	% DEPARTURE FROM NORMAL
JUNE	152.2	165.3	-8%
JULY	327.2	280.5	17%
AUGUST	264.0	254.9	4%
SEPTEMBER	181.4	167.9	8%
SW MONSOON	924.8	868.6	6%
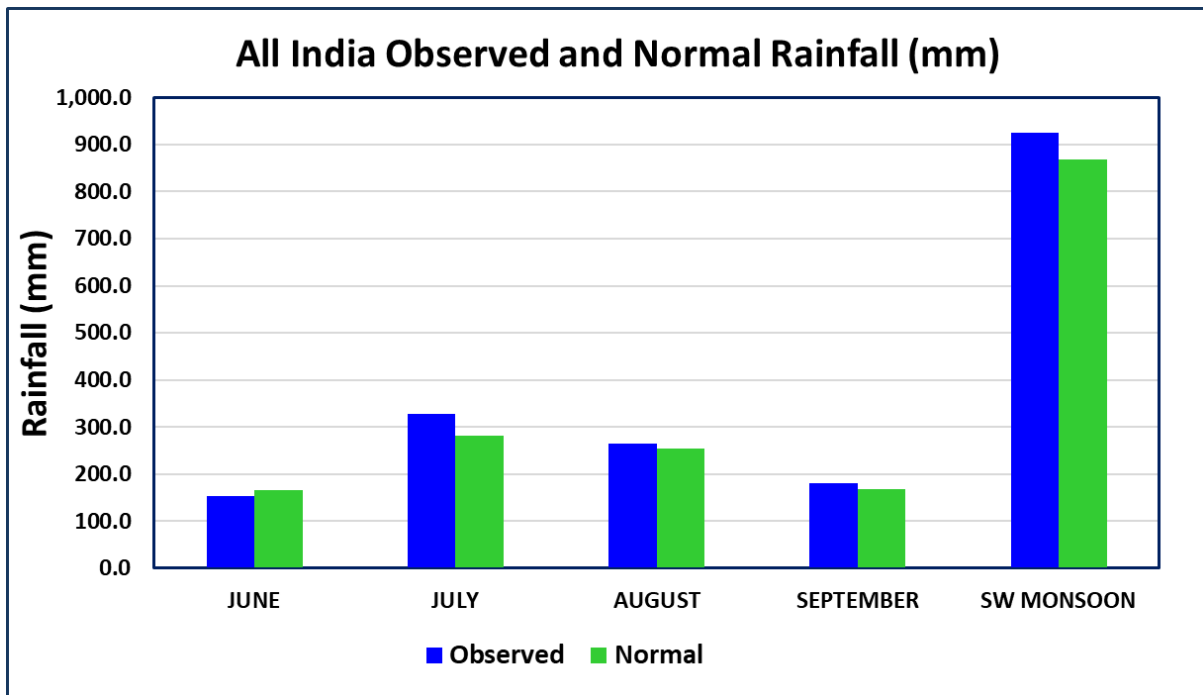
Figure 2: All India Rainfall – SW Monsoon 2022
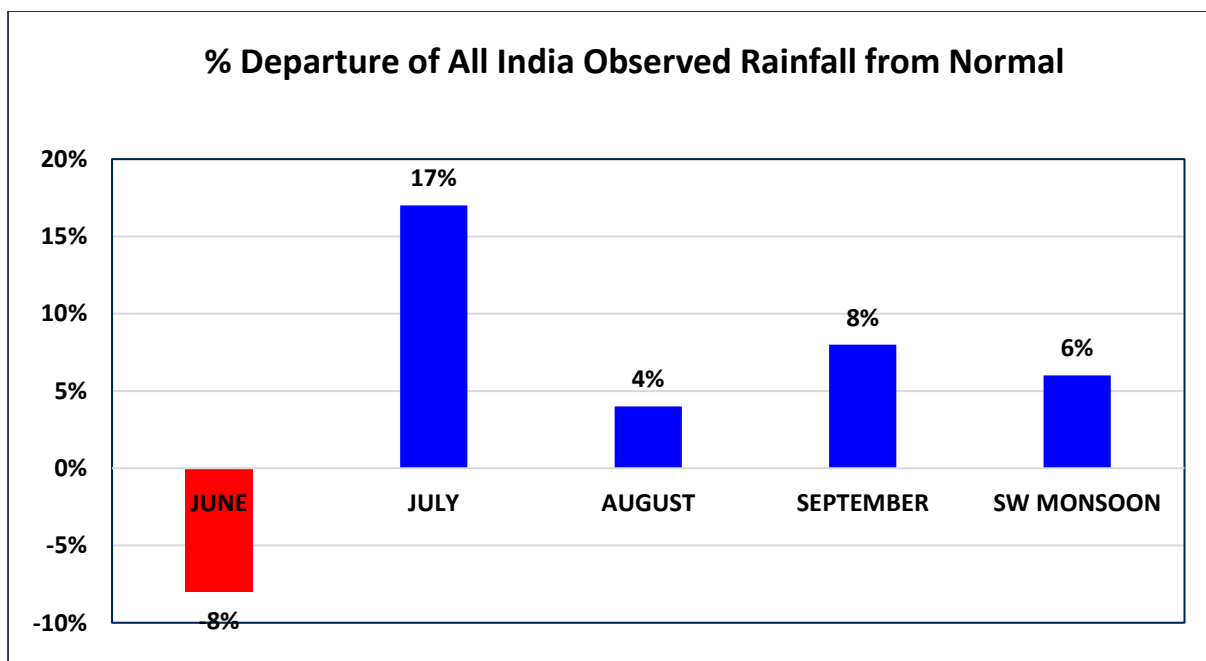
Figure 3: Percent Departure of All India Rainfall – SW Monsoon 2022

3.4 DAILY RAINFALL SERIES FOR THE FOUR HOMOGENIOUS BROAD REGIONS & COUNTRY DURING SOUTHWEST MONSOON

Realtime daily rainfall (in mm) and its long term (1971-2020) normal value for the country as a whole and for the four homogeneous regions during 1 June to 30 September are shown in figures 4 to 8. The temporal distribution of southwest monsoon rainfall for the country and homogeneous regions (figs. 4 to 8) show that the rainfall was well distributed during the season except the initial first half in the month June.
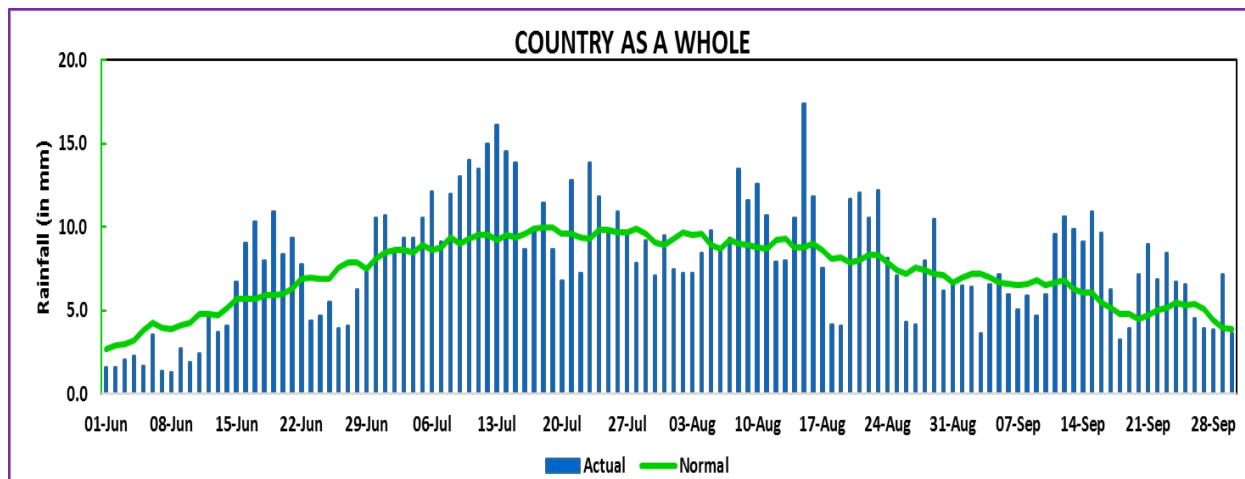
Figure 4: All India Rainfall - southwest monsoon Rainfall Distribution – 2022
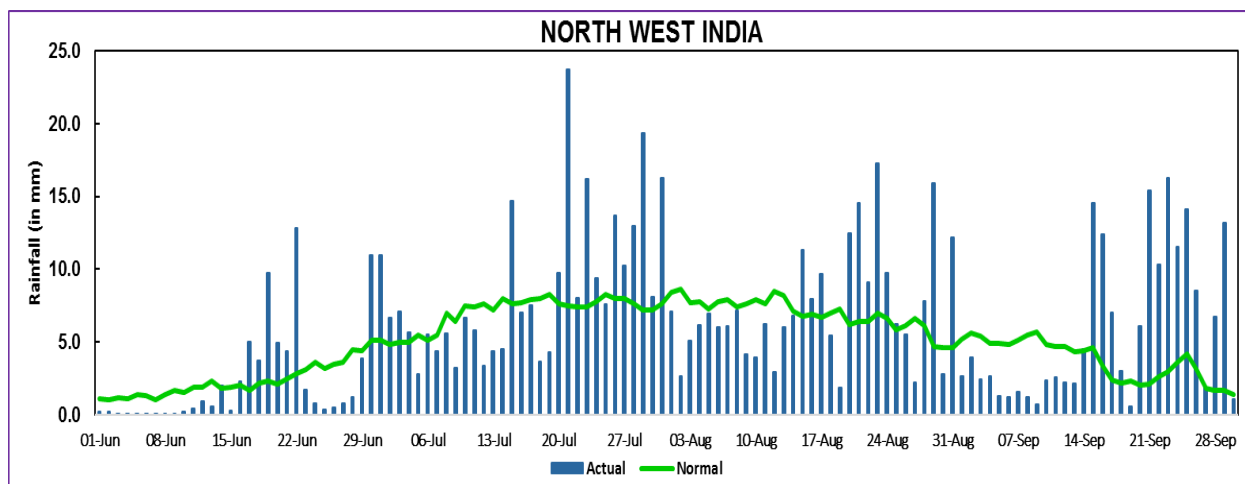
Figure 5: North West India - southwest monsoon Rainfall Distribution – 2022
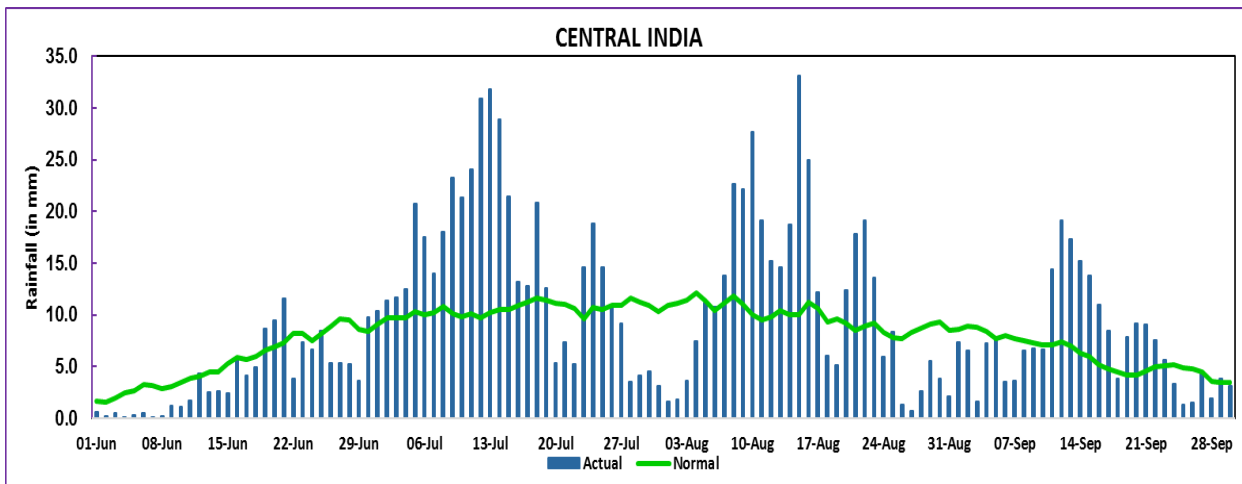
Figure 6: Central India - southwest monsoon Rainfall Distribution – 2022
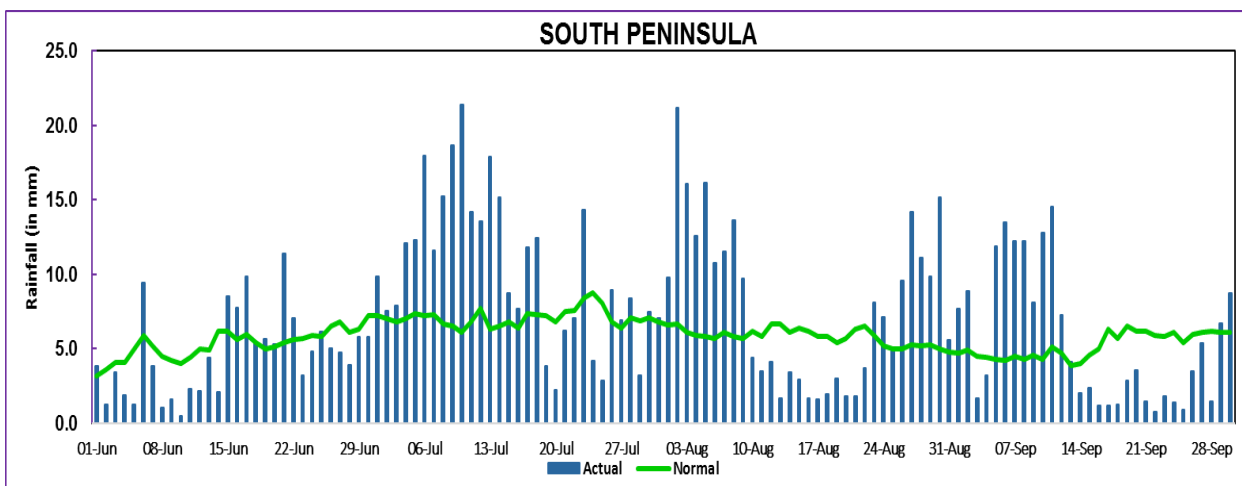
Figure 7: South Peninsula - southwest monsoon Rainfall Distribution – 2022
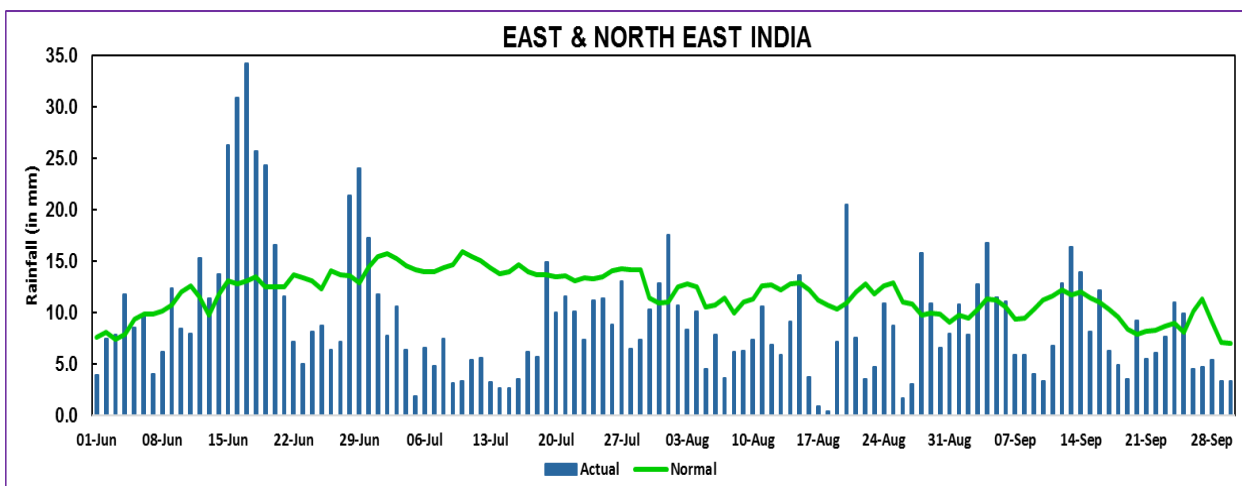
Figure 8: East & North East India - southwest monsoon Rainfall Distribution – 2022

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION

4.1 SEASONAL & ANNUAL

       Seasonal and annual observed rainfall statistics during the year 2022 for all the 36 Met. Subdivisions and percent departure of rainfall from normal values have been given in Table 7 & 8. It may be observed from annual rainfall that Coastal Karnataka received highest rainfall of 3763.2 mm and West Rajasthan received lowest rainfall of 483.2 mm. During the southwest monsoon season, Coastal Karnataka received highest rainfall of 3235.4 mm and Punjab received lowest rainfall of 414.0 mm.

       On comparing the observed annual rainfall with LPA of annual, it may be observed that, most of the Met. Subdivisions remained either in Excess or in Normal rainfall category except for 3 Met. Subdivisions namely NMMT, Gangetic West Bengal, Bihar where is was under Deficient category. Annually none of the Met. Subdivisions remained in Large Excess or Large Deficient category.

       During SW Monsoon season also, no Met. Subdivision remained either in Large Excess or in Large Deficient rainfall category. 6 Met. Subdivision remained in Deficient rainfall category i.e., Gangetic West Bengal, NMMT, Jharkhand, Bihar, East and West Uttar Pradesh. During southwest monsoon season and annually, none of the 36 Met. Subdivisions recorded the rainfall that is less than 31% of its normal, with highest deficiency in rainfall of 31% and 23% in Bihar during southwest Monsoon and annual respectively.

Table 7: Met. Subdivision-wise seasonal and annual rainfall (mm) - Year 2022

S. No.	METEOROLOGICAL SUBDIVISION	Winter	Pre Monsoon	SW Monsoon	Post Monsoon	Annual
EAST & NORTH EAST INDIA		**73.1**	**443.4**	**1126.7**	**176.4**	**1815.6**
1	ARUNACHAL PRADESH	132.8	838.2	1430.3	359.4	2810.6
2	ASSAM & MEGHALAYA	75.5	905.4	1600.7	226.2	2752.3
3	N M M T	49.1	419.2	943.4	162.3	1564.6
4	SHWB & SIKKIM	84.8	589.3	1887.0	203.1	2764.1
5	GANGETIC WEST BENGAL	73.4	153.5	885.7	109.3	1222.0
6	JHARKHAND	63.1	72.2	817.6	91.7	1044.5
7	BIHAR	40.0	88.9	683.7	81.9	894.5
NORTH WEST INDIA		**108.0**	**42.5**	**594.3**	**82.8**	**827.6**
1	EAST U.P.	37.9	23.7	556.2	149.5	767.3
2	WEST U.P.	80.8	27.9	500.8	140.4	749.9
3	UTTARAKHAND	162.1	107.5	1128.0	119.7	1517.3
4	HAR. CHD & DELHI	85.3	35.9	465.4	37.1	623.6
5	PUNJAB	127.4	20.9	414.0	11.0	573.2
6	HIMACHAL PRADESH	247.6	68.1	706.9	63.9	1086.4
7	JAMMU & KASHMIR	245.9	99.5	580.5	114.5	1040.4
8	WEST RAJASTHAN	25.3	5.4	449.0	3.5	483.2
9	EAST RAJASTHAN	26.0	11.2	780.7	69.0	886.8
CENTRAL INDIA		**26.5**	**22.8**	**1160.4**	**94.8**	**1304.5**
1	ODISHA	53.4	90.8	1196.6	125.8	1466.7
2	WEST MADHYA PRADESH	22.8	6.5	1188.2	103.8	1321.3

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION

3	EAST MADHYA PRADESH	47.5	12.8	1145.2	87.9	1293.4
4	GUJARAT REGION	1.0	0.0	1104.7	37.3	1143.0
5	SAURASHTRA & KUTCH	2.4	0.1	752.7	6.7	761.9
6	KONKAN & GOA	2.5	26.4	3136.8	171.7	3337.4
7	MADHYA MAHARASHTRA	0.7	17.0	942.5	161.0	1121.3
8	MARATHWADA	0.3	4.2	794.2	134.2	932.9
9	VIDARBHA	27.9	4.1	1227.8	87.6	1347.3
10	CHHATTISGARH	53.9	33.6	1276.3	74.3	1438.1
SOUTH PENINSULA		**24.2**	**197.4**	**874.6**	**298.1**	**1394.4**
1	A & N ISLAND	197.1	783.3	1591.3	666.9	3238.7
2	COASTAL A. P.& YANAM	31.5	114.7	640.2	341.7	1128.1
3	TELANGANA	36.0	42.9	1072.7	119.0	1270.6
4	RAYALASEEMA	10.3	126.9	486.5	288.1	911.8
5	TAMIL., PUDU. & KARAIKAL	42.6	166.6	476.2	445.7	1131.0
6	COASTAL KARNATAKA	0.6	330.9	3235.4	196.4	3763.2
7	N. I. KARNATAKA	0.4	162.9	647.3	168.6	979.3
8	S. I. KARNATAKA	0.5	319.5	1008.1	300.1	1628.3
9	KERALA & MAHE	14.9	669.3	1736.7	476.1	2897.0
10	LAKSHADWEEP	17.8	384.2	1391.2	302.7	2095.9
COUNTRY AS A WHOLE		**58.5**	**130.2**	**924.8**	**144.1**	**1257.0**

Table 8: % Departure of Met. Subdivision-wise seasonal and annual rainfall

S. No.	METEOROLOGICAL SUBDIVISION	Winter	Pre Monsoon	SW Monsoon	Post Monsoon	Annual
	EAST & NORTH EAST INDIA	55%	19%	-18%	11%	-7%
1	ARUNACHAL PRADESH	0%	11%	-15%	49%	0%
2	ASSAM & MEGHALAYA	79%	55%	-9%	19%	7%
3	N M M T	54%	-12%	-28%	-18%	-22%
4	SHWB & SIKKIM	95%	34%	0%	21%	9%
5	GANGETIC WEST BENGAL	150%	-18%	-24%	-38%	-22%
6	JHARKHAND	149%	-13%	-20%	3%	-14%
7	BIHAR	102%	4%	-31%	22%	-23%
	NORTH WEST INDIA	37%	-63%	1%	57%	-1%
1	EAST U.P.	50%	-29%	-30%	253%	-15%
2	WEST U.P.	165%	-15%	-25%	366%	-2%
3	UTTARAKHAND	59%	-32%	-3%	118%	3%
4	HAR. CHD & DELHI	166%	-20%	8%	91%	18%
5	PUNJAB	169%	-62%	-6%	-54%	1%
6	HIMACHAL PRADESH	32%	-72%	-4%	-23%	-13%
7	J & K AND LADAKH	9%	-70%	6%	-10%	-16%
8	WEST RAJASTHAN	198%	-78%	58%	-71%	47%
9	EAST RAJASTHAN	138%	-47%	25%	166%	30%
	CENTRAL INDIA	78%	-37%	19%	25%	18%
1	ODISHA	113%	-29%	4%	-11%	2%
2	WEST MADHYA PRADESH	63%	-52%	35%	123%	39%

3	EAST MADHYA PRADESH	42%	-46%	10%	58%	12%
4	GUJARAT REGION	-35%	-99%	19%	14%	18%
5	SAURASHTRA & KUTCH	206%	-97%	39%	-77%	33%
6	KONKAN & GOA	321%	-10%	9%	22%	10%
7	MADHYA MAHARASHTRA	-74%	-36%	26%	56%	27%
8	MARATHWADA	-95%	-84%	24%	39%	21%
9	VIDARBHA	65%	-85%	31%	15%	27%
10	CHHATTISGARH	146%	-9%	13%	-2%	14%
	SOUTH PENINSULA	54%	63%	22%	9%	24%
1	A & N ISLAND	146%	72%	-2%	-1%	14%
2	COASTAL A. P.& YANAM	42%	19%	6%	6%	8%
3	TELANGANA	125%	-33%	46%	-4%	35%
4	RAYALASEEMA	17%	60%	19%	22%	24%
5	TAMIL, PUDU. & KARAIKAL	72%	33%	45%	1%	23%
6	COASTAL KARNATAKA	-80%	113%	5%	-26%	7%
7	N. I. KARNATAKA	-90%	105%	35%	28%	41%
8	S. I. KARNATAKA	-90%	124%	49%	51%	59%
9	KERALA & MAHE	-29%	86%	-14%	-3%	0%
10	LAKSHADWEEP	-31%	95%	36%	-10%	32%
	COUNTRY AS A WHOLE	47%	0%	6%	19%	8%

4.2 CATEGORY-WISE SEASONAL AND ANNUAL

Annual rainfall statistics for the year 2022 show that, 13 Met. Subdivisions remained in Excess and 20 in Normal category of rainfall while 3 Met. Subdivision remained in Deficient category of rainfall. No Met sub-division received Large Excess category of rainfall. The category wise no. of met sub division statistics and chart for seasonal distribution of no. of Met. Subdivisions have been given in Table 10 and Figure 9 respectively.

Table 10: Category wise number of Met. Subdivisions - seasonally and annually

CATEGORY	WINTER	PRE-MONSOON	SW MONSOON	POST-MONSOON	ANNUAL
L. EXCESS	19	7	0	6	0
EXCESS	6	3	12	10	13
NORMAL	3	9	18	14	20
DEFICIENT	3	9	6	4	3
L. DEFICIENT	5	8	0	2	0
NO RAIN	0	0	0	0	0
NO DATA	0	0	0	0	0
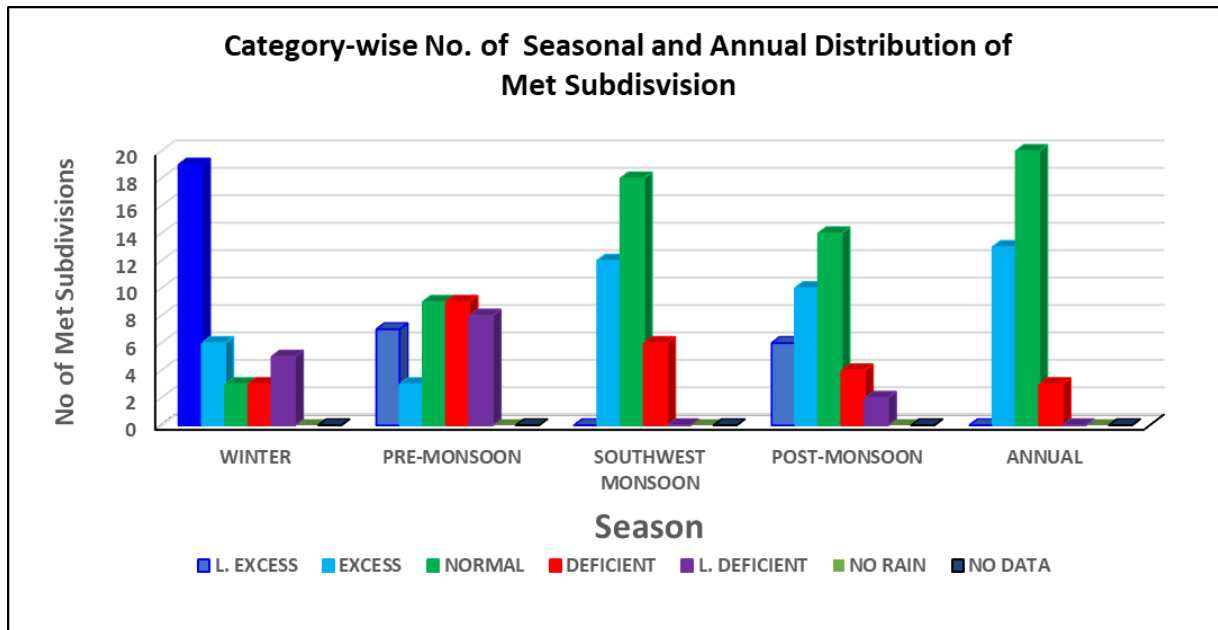
Figure 9: Category-wise Met. Subdivions – seasonally and annually

Percent distribution of Met. Subdivisional area of the country under different categories in the four seasons and for the year has been depicted in Figure 10.
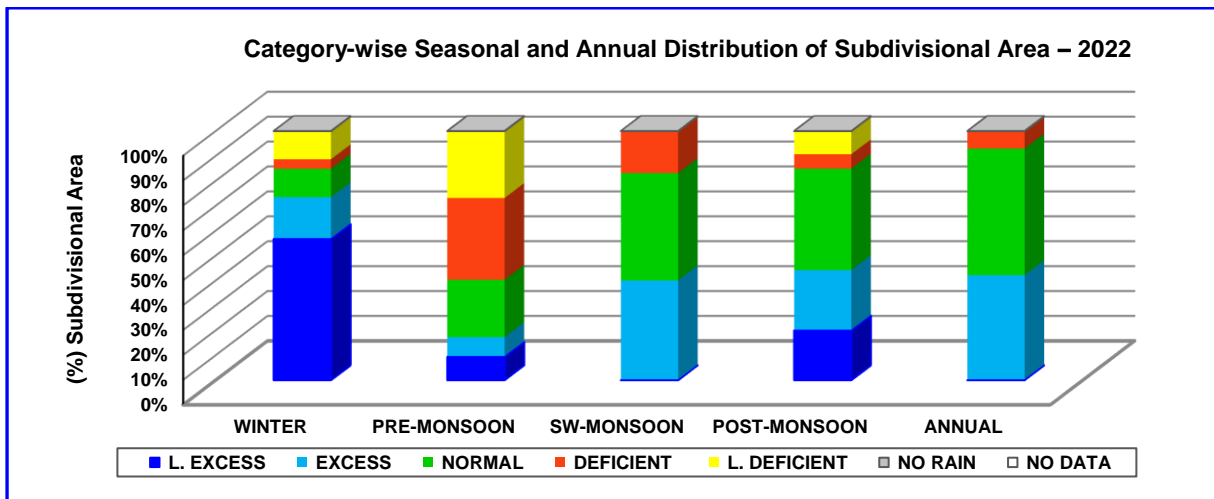
Figure 10: % Area of the Met. Subdivisions under different rainfall categories-Seasonal & Annual - 2022

4.3 AREA (%) UNDER RAINFALL DEFICIENCY– SW Monsoon 2022

Area (%) of the 36 Met. Subdivisions of India under different categories of rainfall deficiency during SW Monsoon (June-September) have been given below in tabular form in Table 11 and has been depicted in graphical form in Figure 12 as well.

Table 11: Met. Subdivisional Area (%) under Rainfall Deficiency – SW Monsoon 2022

Deficiency in Rainfall	Deficiency	% Area of Met. Subdivisions of India
< 26 %	No	91%
26 % or more but < 50 %	Moderate	9%
50 % or more	Severe	0%
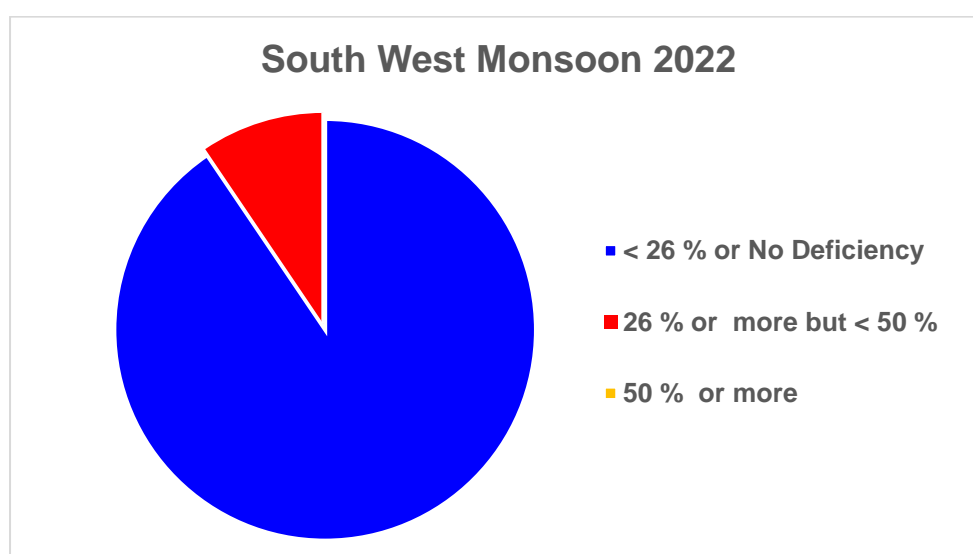
Figure 12: Met. Subdivisional Area (%) under Rainfall Deficiency – SW Monsoon 2022

4.4 ANNUAL & SEASONAL RAINFALL MAPS

Met. Sub division-wise rainfall maps for the year 2022 and for the four seasons depicting the observed and normal rainfall values along with their percentage departure from normal values with defined colors for different categories are given below at Figure 13 to Figure 17.

The normal rainfall values are shown in Bold figures on the map whereas the actual rainfall values are shown in small figures. Percentage departure of rainfall are shown within the brackets.

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION
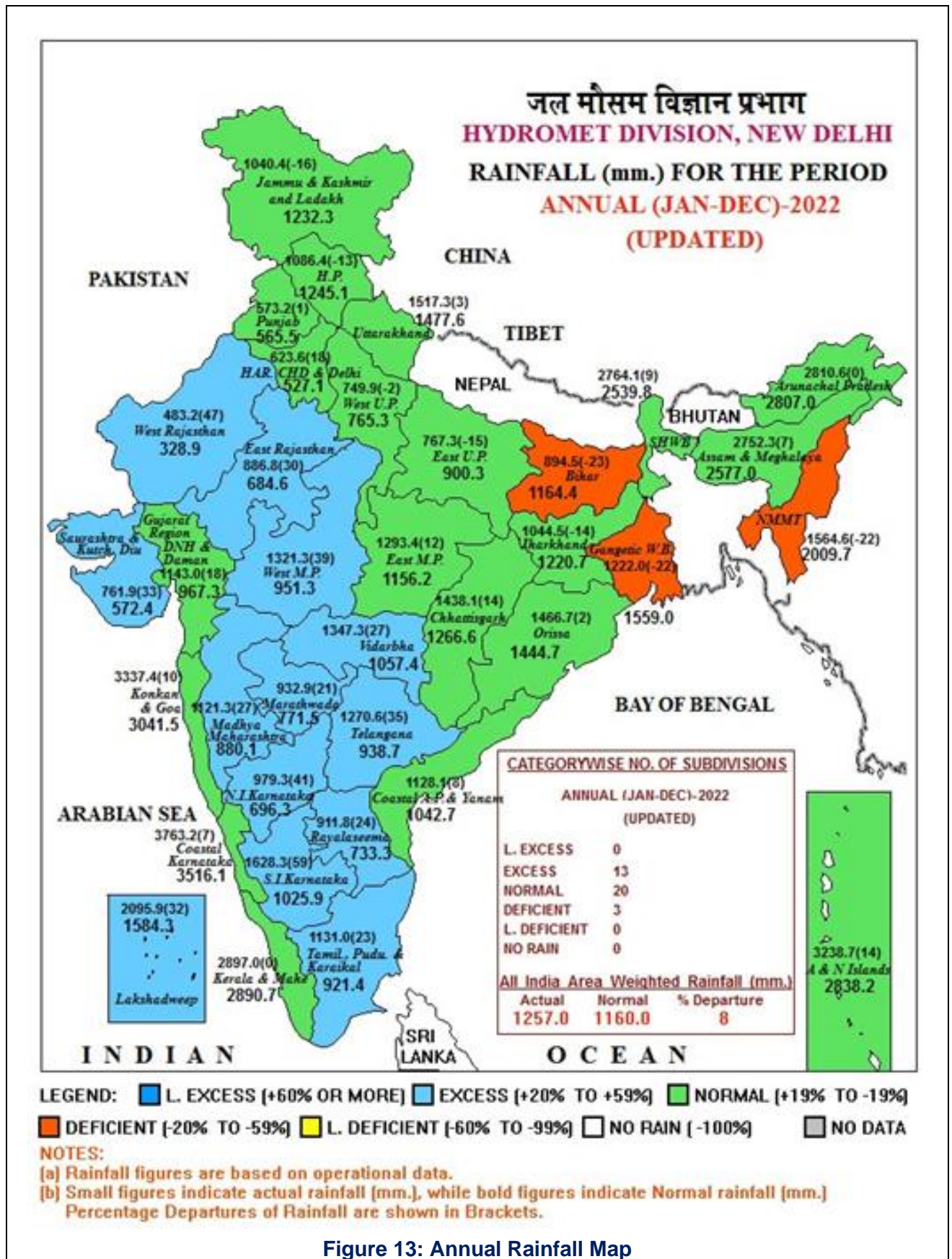
Figure 13: Annual Rainfall Map

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION
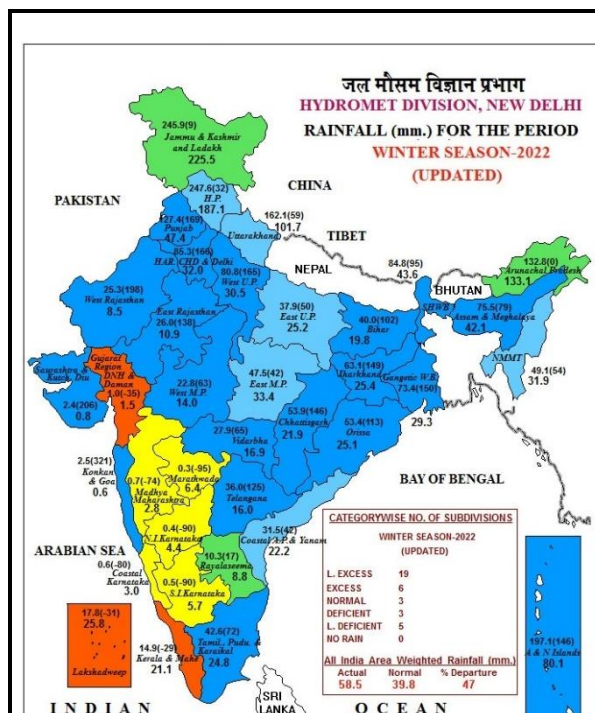
Figure 14: Winter Rainfall Map
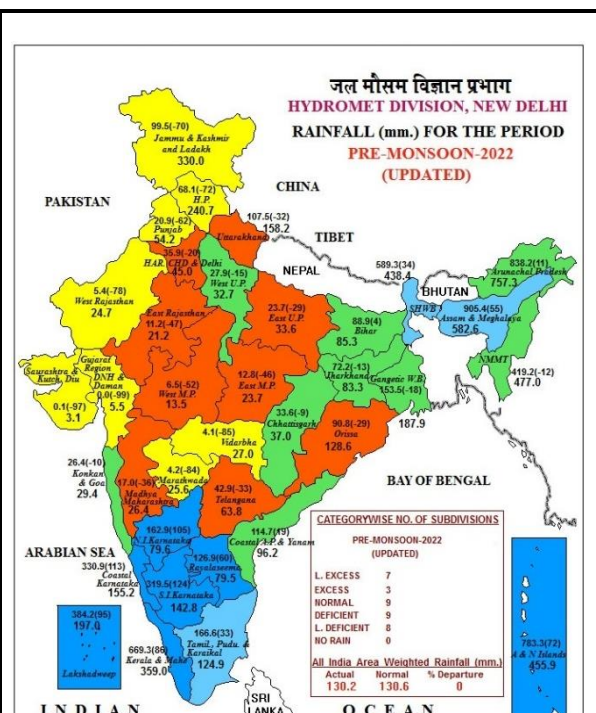
Figure 15: Pre-Monsoon Rainfall Map
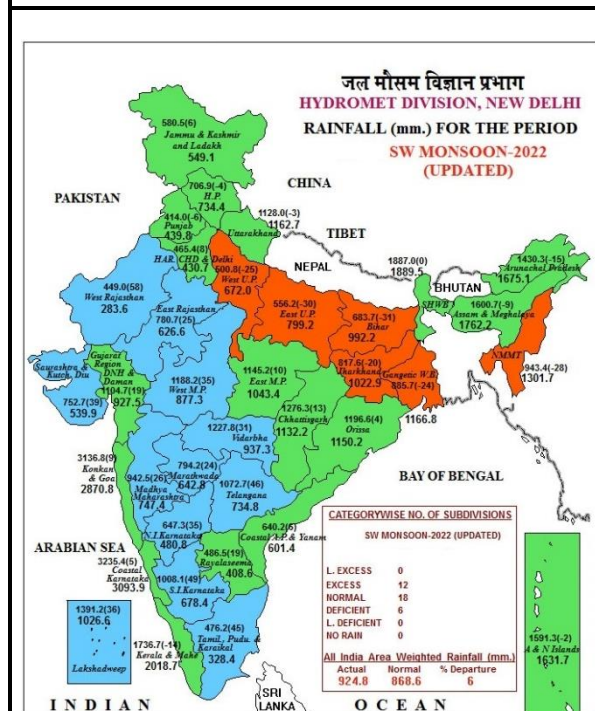
Figure 16: SW Monsoon Rainfall Map
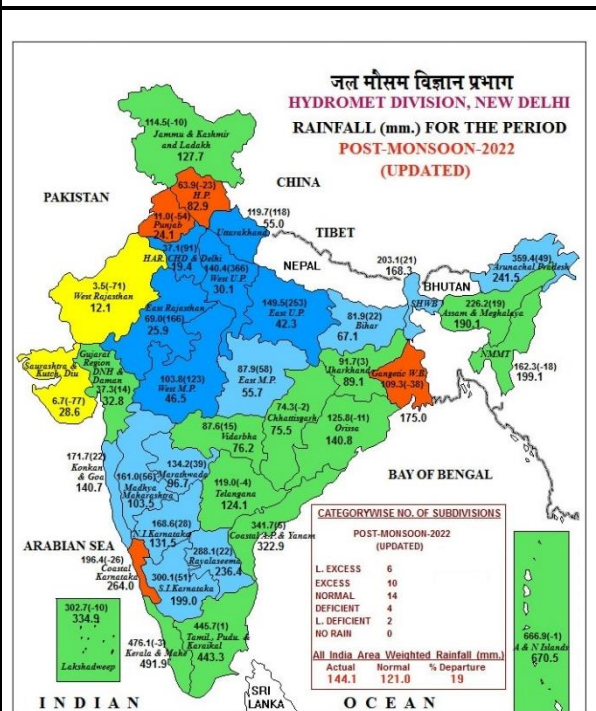
Figure 17: Post-Monsoon Rainfall Map

4.5 MONTHLY RAINFALL STATISTICS

Met. Subdivision-wise monthly observed and % departure of sub-divisional monthly rainfall from their normal rainfall have been given in Table 12 and Table 13 respectively.

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION

Table 12: Met. Subdivision-wise monthly rainfall (mm) - Year 2022

METEOROLOGICAL SUB-DIVISIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
EAST & NORTH EAST INDIA	24.7	48.4	28.0	164.0	251.4	402.2	234.8	244.8	244.9	170.0	0.4	6.1
ARUNACHAL PRADESH	47.0	85.8	77.4	432.9	327.9	599.3	322.3	177.9	330.7	335.5	0.9	23.0
ASSAM & MEGHALAYA	23.7	51.7	47.2	341.8	516.4	861.9	292.1	216.9	229.9	221.2	0.3	4.8
N M M T	20.5	28.7	29.6	100.0	289.6	283.7	253.0	223.0	183.7	151.9	0.7	9.6
SHWB & SIKKIM	19.6	65.2	42.4	232.7	314.2	735.2	362.6	398.1	391.0	199.8	1.8	1.5
GANGETIC WEST BENGAL	24.1	49.3	0.4	4.8	148.3	126.2	191.9	332.8	234.8	109.1	0.0	0.2
JHARKHAND	24.5	38.6	1.5	1.6	69.1	97.4	161.8	329.0	229.3	91.4	0.0	0.3
BIHAR	11.2	28.8	0.1	10.8	78.0	172.6	134.7	170.1	206.2	81.8	0.0	0.1
NORTH WEST INDIA	78.1	29.9	5.2	5.7	31.6	68.7	232.1	177.3	116.2	64.3	15.2	3.3
EAST U.P.	27.1	10.8	0.0	0.0	23.7	53.4	145.9	151.1	205.8	149.4	0.0	0.1
WEST U.P.	59.7	21.1	0.0	0.0	27.8	33.6	150.2	123.0	193.9	139.9	0.5	0.0
UTTARAKHAND	108.4	53.7	2.2	7.7	97.6	125.5	404.8	330.2	267.6	117.6	2.0	0.1
HAR. CHD & DELHI	70.0	15.3	0.2	0.5	35.2	35.6	221.0	70.0	138.8	36.8	0.2	0.0
PUNJAB	104.5	22.9	0.4	0.4	20.1	39.7	219.3	58.4	96.5	9.1	1.4	0.4
HIMACHAL PRADESH	167.2	80.5	5.7	8.5	53.9	66.1	263.1	243.4	134.2	38.0	19.5	6.4
JAMMU & KASHMIR	168.7	77.1	18.3	21.5	59.7	116.4	225.8	157.4	80.9	39.8	61.5	13.2
WEST RAJASTHAN	24.2	1.1	1.3	0.3	3.9	46.4	221.4	162.5	18.7	3.0	0.5	0.0
EAST RAJASTHAN	24.7	1.3	3.2	0.0	8.0	66.1	331.4	284.5	98.7	67.1	1.9	0.0
CENTRAL INDIA	22.7	3.8	1.1	4.0	17.7	118.2	457.7	365.1	219.4	93.2	0.4	1.2
ODISHA	43.4	10.0	0.7	12.9	77.1	131.6	376.6	479.9	208.6	123.8	1.7	0.3
WEST MADHYA PRADESH	22.5	0.3	2.7	0.0	3.8	91.3	451.1	434.5	211.3	100.9	0.0	2.9
EAST MADHYA PRADESH	39.8	7.7	0.7	0.2	11.9	128.6	351.8	436.7	228.1	87.1	0.0	0.8
GUJARAT REGION	1.0	0.0	0.0	0.0	0.0	60.9	592.5	302.1	149.2	37.0	0.0	0.2
SAURASHTRA & KUTCH	2.4	0.0	0.0	0.0	0.1	44.2	401.7	180.3	126.5	6.4	0.2	0.0
KONKAN & GOA	2.5	0.0	1.3	7.8	17.3	532.7	1327.0	748.5	528.6	168.6	2.2	0.9
MADHYA MAHARASHTRA	0.7	0.0	2.8	6.3	7.9	92.9	385.0	230.9	233.7	159.1	0.4	1.5
MARATHWADA	0.3	0.0	1.0	0.5	2.7	140.3	349.7	86.7	217.6	132.1	0.0	2.1
VIDARBHA	27.0	0.8	0.0	0.6	3.5	106.8	564.8	307.5	248.7	87.3	0.0	0.3
CHHATTISGARH	43.2	10.7	0.9	9.3	23.5	137.3	441.9	454.8	242.3	72.4	0.0	1.8
SOUTH PENINSULA	19.8	4.4	12.4	45.5	139.6	138.2	327.5	242.2	166.7	170.7	70.1	57.3
A & N ISLAND	52.9	144.2	132.7	44.1	606.5	285.3	523.7	384.7	397.6	319.5	178.5	168.9
COASTAL A. P.& YANAM	30.0	1.5	3.5	5.5	105.6	105.1	210.7	143.1	181.3	200.7	63.0	78.0
TELANGANA	35.9	0.1	1.7	5.9	35.3	142.6	535.3	181.2	213.6	111.6	1.0	6.4
RAYALASEEMA	10.3	0.0	3.3	8.2	115.4	106.5	82.8	182.5	114.6	141.2	59.4	87.5
TAMIL., PUDU. & KARAIKAL	34.8	7.8	12.1	65.1	89.3	79.0	137.9	173.7	85.5	166.0	178.6	101.1
COASTAL KARNATAKA	0.3	0.3	19.6	58.2	253.1	609.0	1495.7	744.9	385.8	144.2	35.5	16.7
N. I. KARNATAKA	0.4	0.0	7.5	41.8	113.6	90.7	211.1	171.1	174.3	159.0	2.5	7.2
S. I. KARNATAKA	0.5	0.0	18.6	72.5	228.4	134.0	347.4	374.4	152.3	226.2	30.9	43.0
KERALA & MAHE	3.0	12.0	47.5	195.7	426.2	308.8	652.7	553.3	221.8	214.0	172.5	89.6
LAKSHADWEEP	0.6	17.2	10.6	100.6	273.0	366.6	295.2	364.4	365.0	120.7	68.7	113.2
COUNTRY AS A WHOLE	39.5	19.1	8.9	38.2	83.2	152.2	327.2	264.0	181.4	111.8	18.6	13.6

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION

It may be observed (Table 13) that in the month of January, 29 out of the 36 Met. Subdivisions received Normal/Excess / Large Excess category of rainfall and 7 remained in Deficient/Large Deficient category. In the month of November, 32 no. of Met Sub divisions received Deficient/Large Deficient/ No Rain category of rainfall.

Table 13: % Departure of Met. Subdivision-wise monthly rainfall (mm) - Year 2022

S.N.O.	METEOROLOGICAL SUBDIVISIONS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	EAST & NORTH EAST INDIA	43%		-53%	33%	32%	22%	-45%	-26%	-13%	38%	-98%	-54%
1	ARUNACHAL PRADESH	3%	-2%	-55%	44%	15%	32%	-39%	-48%	-5%	98%	-98%	-24%
2	ASSAM & MEGHALAYA	72%	83%	-36%	77%	64%	77%	-47%	-45%	-30%	44%	-99%	-54%
3	N M M T	97%	33%	-50%	-29%	5%	-20%	-29%	-32%	-32%	1%	-98%	-5%
4	SHWB & SIKKIM	28%	130%	-25%	87%	22%	61%	-38%	-13%	1%	40%	-88%	-86%
5	GANGETIC WEST BENGAL	90%	197%	-98%	-90%	31%	-49%	-44%	8%	-12%	-19%	-100%	-99%
6	JHARKHAND	123%	168%	-90%	-92%	42%	-49%	-49%	13%	2%	25%	-100%	-96%
7	BIHAR	19%	177%	-99%	-40%	32%	6%	-60%	-37%	-5%	43%	-100%	-98%
	NORTH WEST INDIA	131%	-33%	-89%	-82%	-9%	-12%	11%	-10%	13%	198%	26%	-83%
1	EAST U.P.	124%	-18%	-100%	-100%	19%	-51%	-47%	-37%	19%	345%	-100%	-98%
2	WEST U.P.	363%	20%	-99%	-100%	74%	-57%	-38%	-46%	55%	576%	-87%	-100%
3	UTTARAKHAND	157%	-10%	-96%	-80%	51%	-29%	-3%	-14%	47%	279%	-69%	-99%
4	HAR. CHD & DELHI	379%	-12%	-99%	-95%	73%	-36%	47%	-53%	80%	283%	-93%	-99%
5	PUNJAB	415%	-15%	-98%	-97%	16%	-27%	36%	-60%	24%	13%	-72%	-96%
6	HIMACHAL PRADESH	96%	-21%	-95%	-87%	-15%	-35%	3%	-5%	11%	51%	-1%	-83%
7	J & K AND LADAKH	77%	-41%	-88%	-78%	-23%	53%	17%	-15%	-15%	20%	75%	-78%
8	WEST RAJASTHAN	681%	-79%	-70%	-96%	-73%	18%	105%	70%	-54%	-61%	-83%	-100%
9	EAST RAJASTHAN	393%	-77%	-24%	-99%	-36%	-12%	45%	23%	8%	347%	-75%	-100%
	CENTRAL INDIA	207%	-49%	-86%	-57%	-7%	-31%	42%	18%	24%	64%	-97%	-77%
1	ODISHA	310%	-31%	-96%	-64%	7%	-37%	10%	32%	-12%	11%	-92%	-95%
2	WEST MADHYA PRADESH	226%	-95%	-43%	-99%	-40%	-23%	52%	39%	42%	242%	-99%	-54%
3	EAST MADHYA PRADESH	152%	-56%	-93%	-96%	55%	-13%	3%	21%	20%	138%	-100%	-91%
4	GUJARAT REGION	-2%	-100%	-95%	-97%	-99%	-54%	74%	-2%	2%	68%	-100%	-85%
5	SAURASHTRA & KUTCH	512%	-100%	-100%	-95%	-97%	-53%	105%	15%	36%	-64%	-98%	-99%
6	KONKAN & GOA	532%	-100%	-43%	333%	-32%	-24%	26%	1%	41%	45%	-89%	-73%
7	MADHYA MAHARASHTRA	-52%	-100%	-15%	6%	-54%	-41%	68%	15%	47%	104%	-98%	-64%
8	MARATHWADA	-92%	-100%	-86%	-91%	-80%	4%	105%	-51%	35%	79%	-100%	-59%
9	VIDARBHA	173%	-88%	-99%	-91%	-64%	-39%	83%	3%	60%	51%	-100%	-94%
10	CHHATTISGARH	257%	10%	-91%	-19%	43%	-27%	20%	25%	15%	20%	-100%	-65%
	SOUTH PENINSULA	154%	-44%	-20%	34%	94%	-14%	60%	27%	4%	12%	-22%	79%
1	A & N ISLAND	-6%	508%	247%	-44%	79%	-32%	35%	-3%	-7%	12%	-25%	15%
2	COASTAL A. P.& YANAM	209%	-88%	-75%	-77%	81%	-4%	33%	-16%	11%	10%	-44%	183%
3	TELANGANA	286%	-99%	-89%	-68%	20%	9%	145%	-20%	35%	17%	-96%	21%
4	RAYALASEEMA	158%	-100%	-65%	-57%	127%	47%	-10%	70%	-16%	7%	-24%	238%
5	TAMIL., PUDU. & KARAIKAL	183%	-38%	-39%	68%	35%	56%	100%	93%	-28%	-4%	-2%	13%
6	COASTAL KARNATAKA	-83%	-77%	111%	100%	117%	-29%	37%	-9%	21%	-25%	-43%	78%
7	N. I. KARNATAKA	-84%	-100%	-11%	80%	137%	-14%	81%	43%	25%	54%	-89%	46%
8	S. I. KARNATAKA	-76%	-99%	48%	68%	162%	-10%	73%	109%	3%	65%	-40%	306%

9	KERALA & MAHE	-60%	-13%	38%	85%	95%	-52%	0%	24%	-18%	-30%	13%	177%
10	LAKSHADWEEP	-96%	72%	-37%	242%	81%	9%	2%	57%	115%	-21%	-43%	84%
	COUNTRY AS A WHOLE	131%	-16%	-70%	-3%	35%	-8%	17%	4%	8%	48%	-37%	-14%

4.6 CATEGORY-WISE MONTHLY DISTRIBUTION

The statistics and chart for monthly distribution of no. of Met. Subdivisions in different categories are given below in Table 14 and Figure 18 respectively.

It can be seen (Table 14) that 24 Met. Subdivisions received with Large Excess category of rainfall in the month of January. Also, no rain category of rainfall was observed in some met sub divisions in the months of February, March, April, November and December. The maximum no. of met sub divisions observed in the excess, normal, deficient and Large deficient categories of rainfall are 12, 17, 20, 19 in the months of September, September, June and March respectively.

Table 14: Category wise monthly number of Met. Subdivisions - Year 2022

Category	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
L. EXCESS	24	7	2	9	11	2	10	4	3	12	1	6
EXCESS	1	2	2	1	9	4	9	8	12	10	0	2
NORMAL	4	7	2	2	6	10	8	14	17	9	3	3
DEFICIENT	1	5	9	4	5	20	8	9	4	3	6	4
L. DEFICIENT	6	8	19	18	5	0	1	1	0	2	17	18
NO RAIN	0	7	2	2	0	0	0	0	0	0	9	3
NO DATA	0	0	0	0	0	0	0	0	0	0	0	0
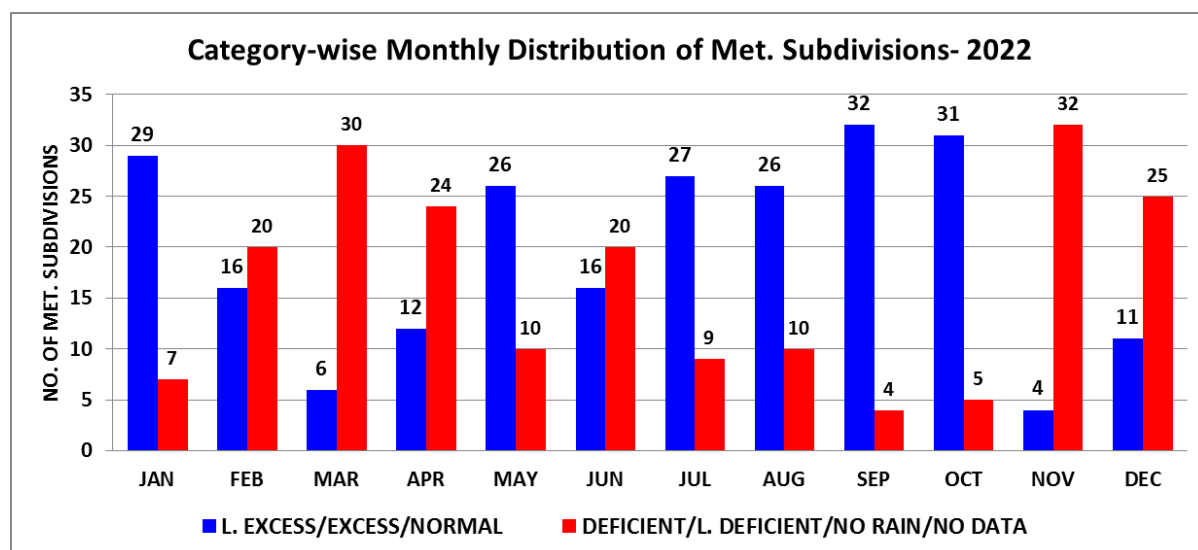
Figure 18: Category wise distribution of Met. Subdivisions – Monthly - Year 2022

4.7 MONTHLY RAINFALL MAPS

Met. Subdivision-wise rainfall maps depicting the monthly observed and normal rainfall, percent departure from the normal rainfall shaded with category-wise defined colors have been given at Figure 19 to Figure 30. Bold figures on the map are the normal rainfall values whereas small figures indicate the actual rainfall. Percentage departures of rainfall are shown within the brackets.
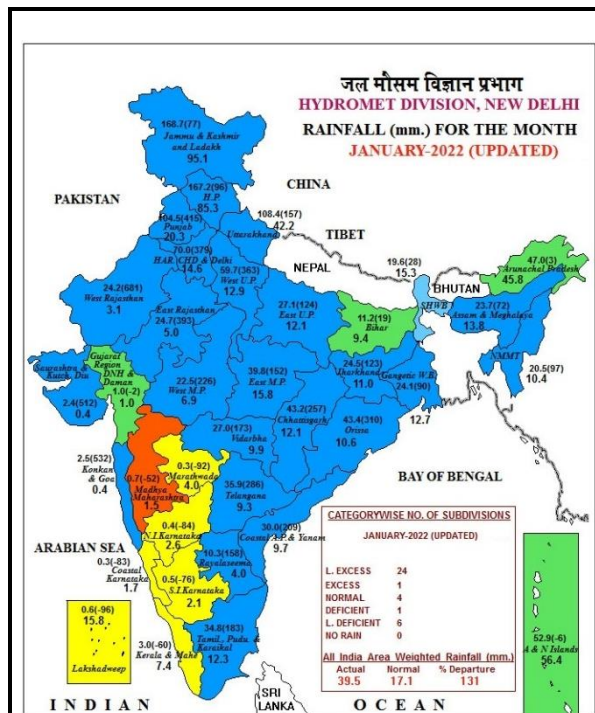
Figure 19: Rainfall map – January 2022
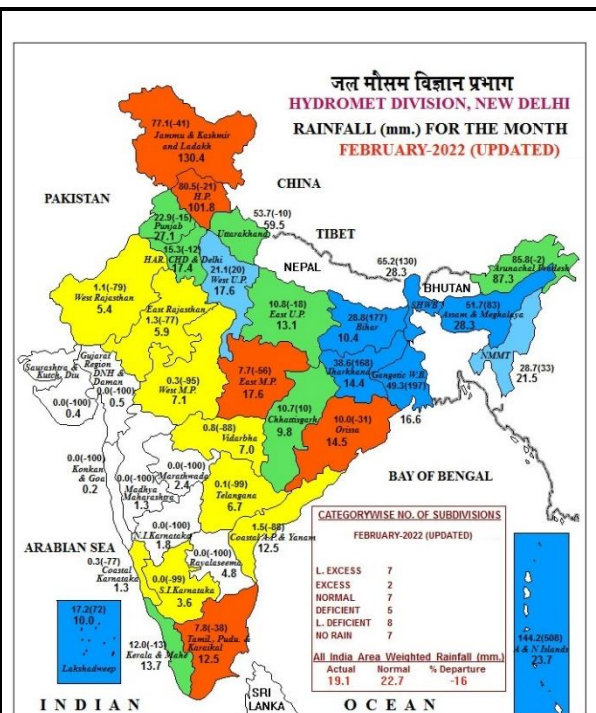
Figure 20: Rainfall map – February 2022
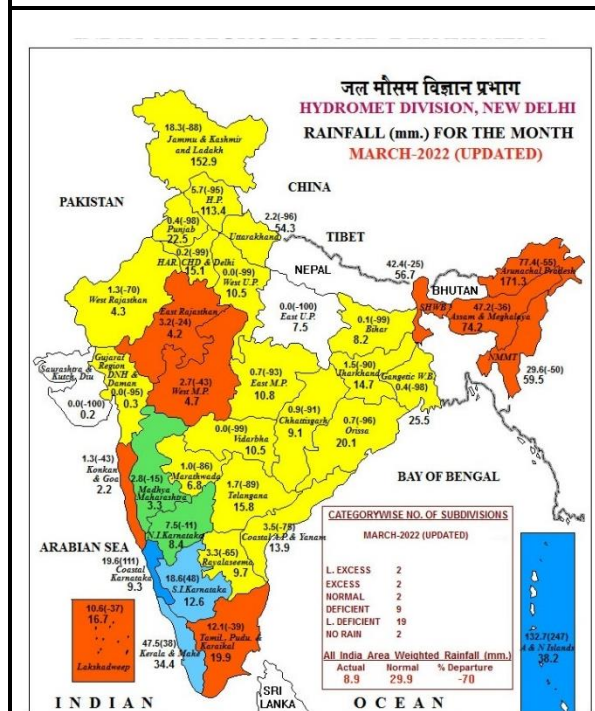
Figure 21: Rainfall map – March 2022
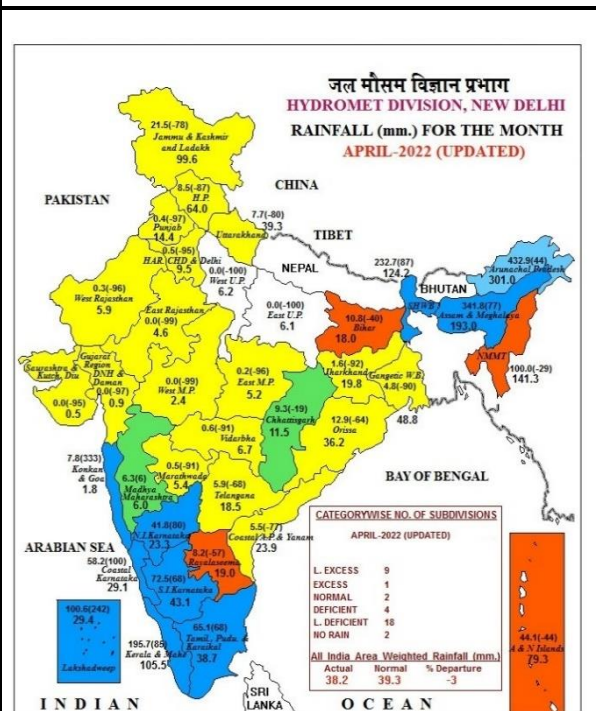
Figure 22: Rainfall map – April 2022

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION
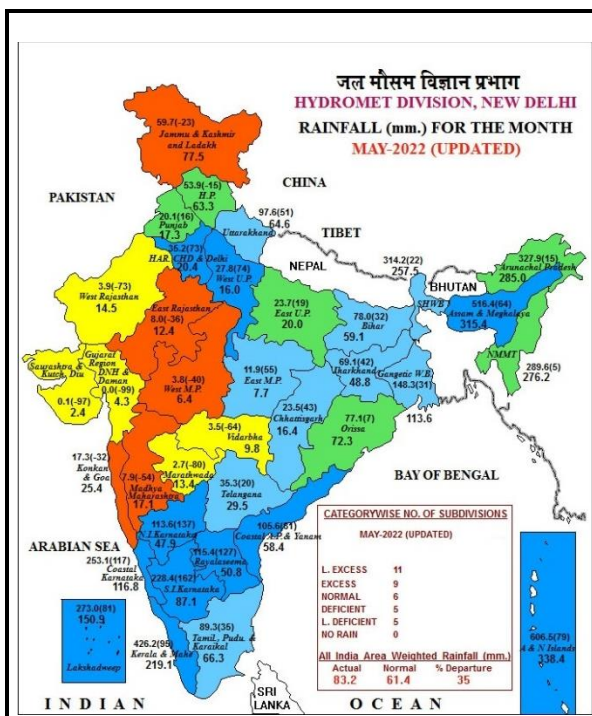
Figure 23: Rainfall map – May 2022
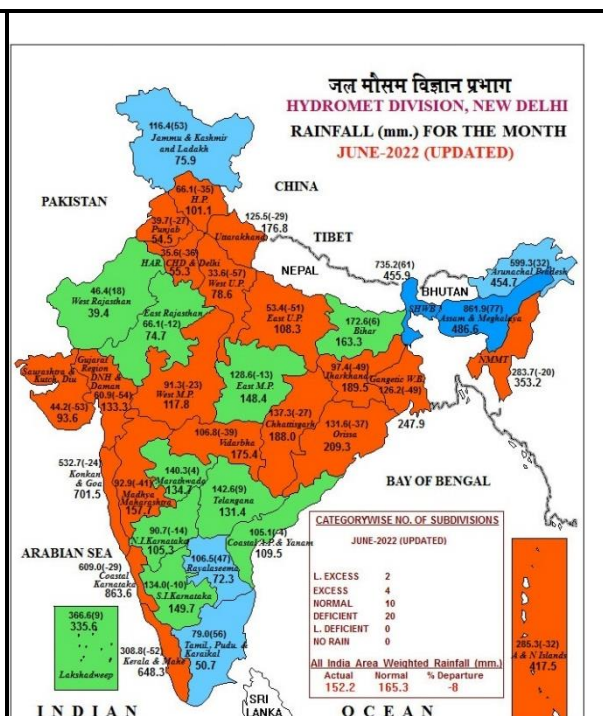
Figure 24: Rainfall map – June 2022

Figure 25: Rainfall map – July 2022
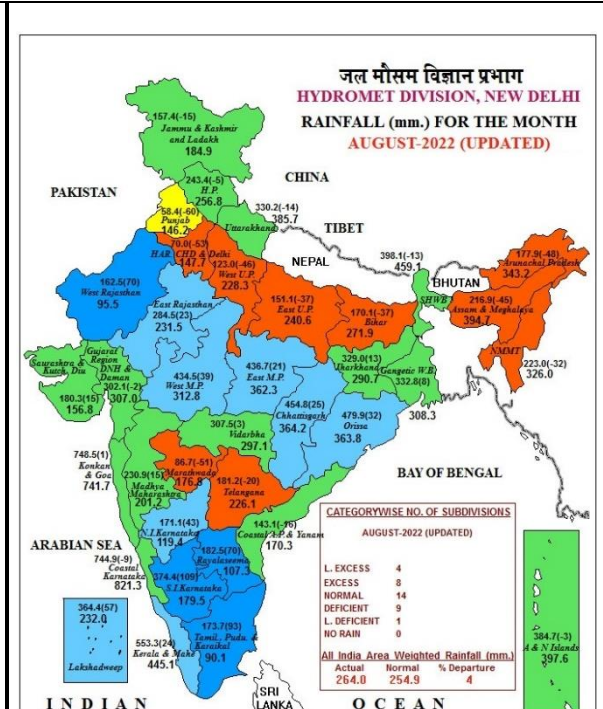
Figure 26: Rainfall map – August 2022

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION
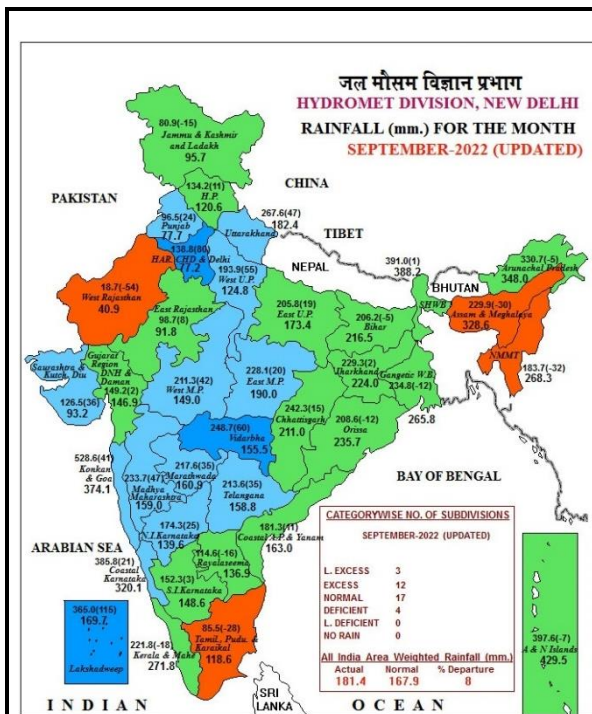
Figure 27: Rainfall map – September 2022
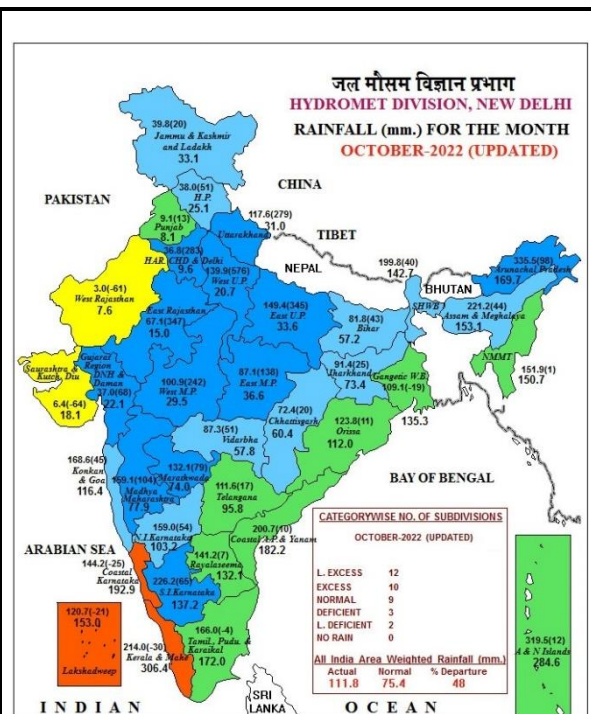
Figure 28: Rainfall map – October 2022
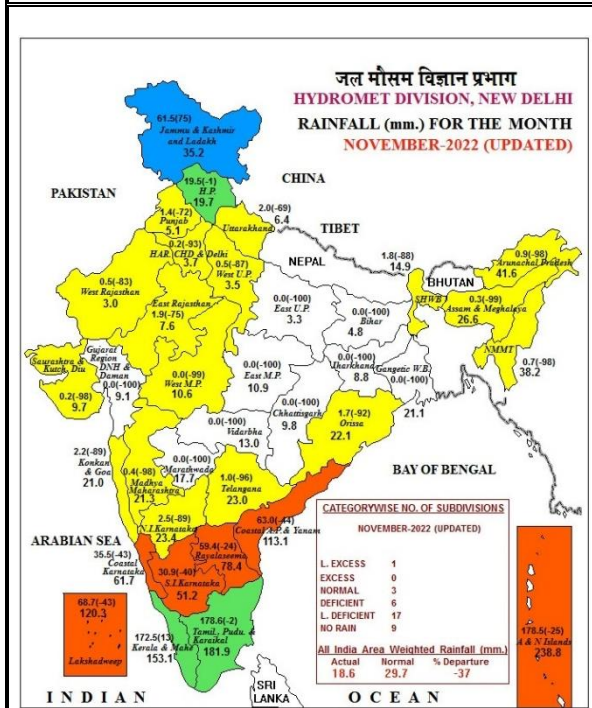
Figure 29: Rainfall map –November 2022
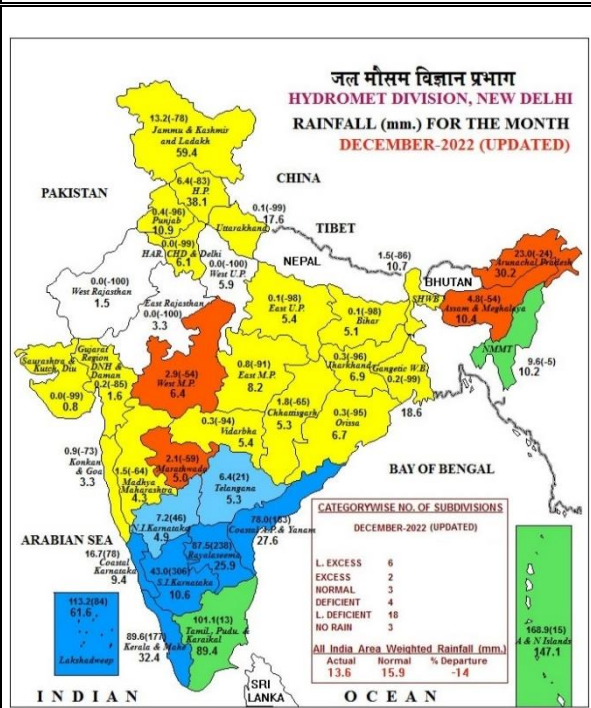
Figure 30: Rainfall map –December 2022

4.8 DAILY RAINFALL DISTRIBUTION – SW MONSOON 2022

Daily observed rainfall distributions for each of the 36 Met. Subdivisions along with their daily rainfall normal values, region-wise, have been depicted in Figure 31 to Figure 66.

REGION: NORTH WEST INDIA
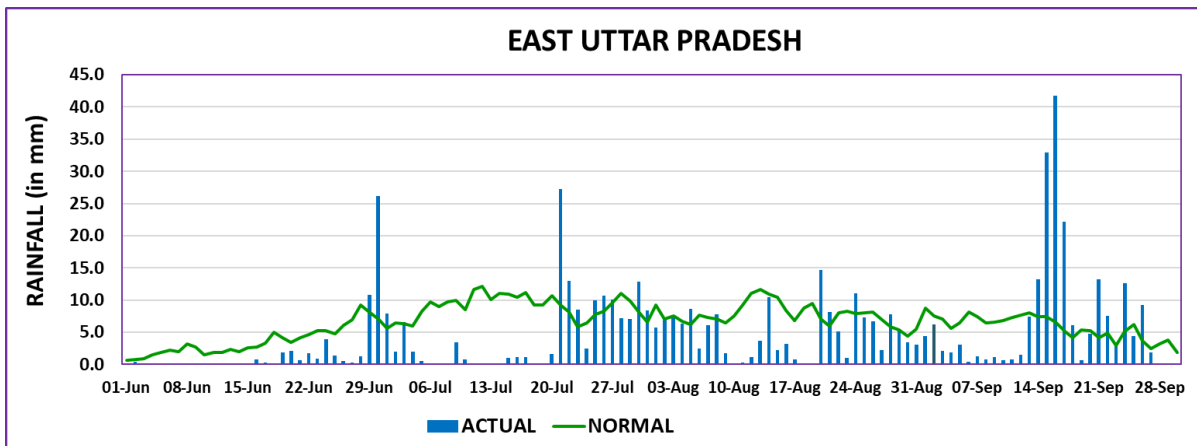
Figure 31: East Uttar Pradesh - Rainfall Distribution - SW Monsoon 2022
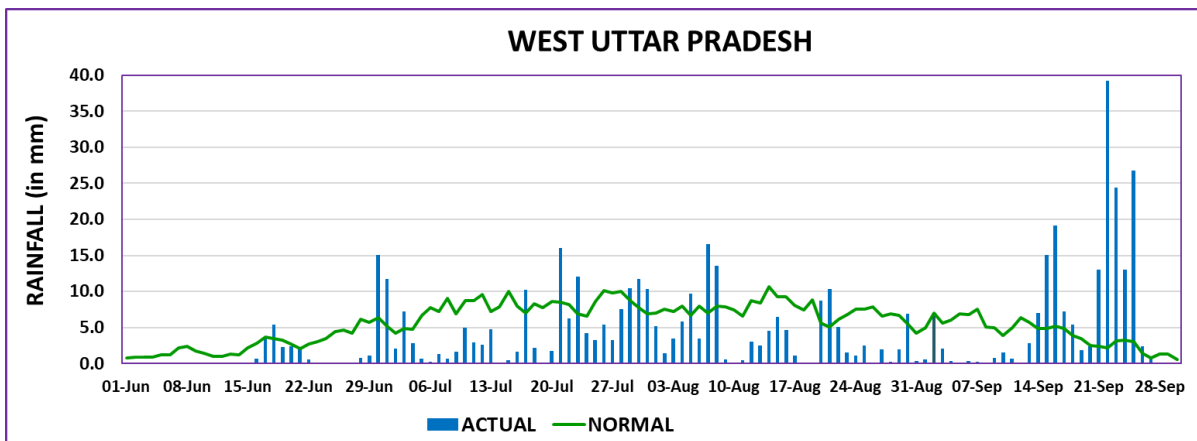
Figure 32: West Uttar Pradesh - Rainfall Distribution - SW Monsoon 2022
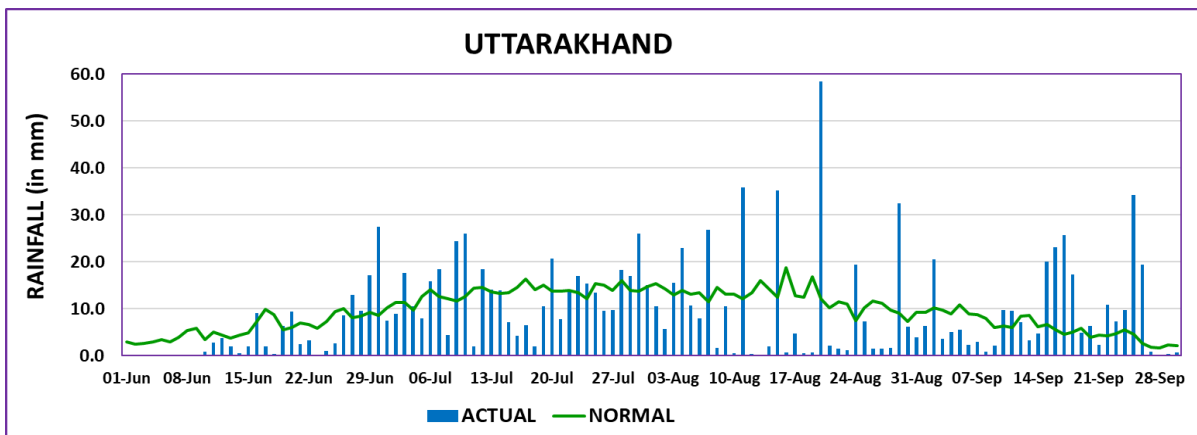
Figure 33: Uttarakhand - Rainfall Distribution - SW Monsoon 2022
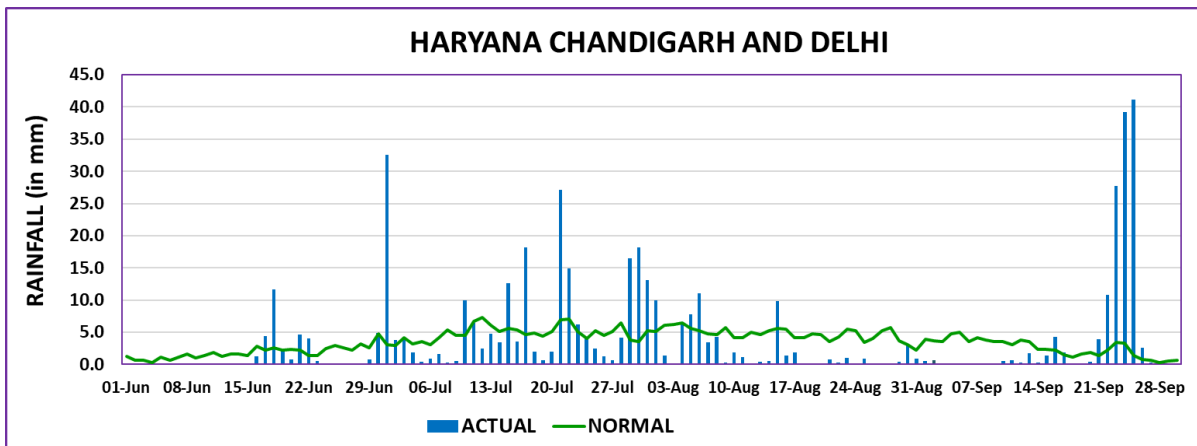
Figure 34: Haryana, Chandigarh & Delhi- Rainfall Distribution - SW Monsoon 2022
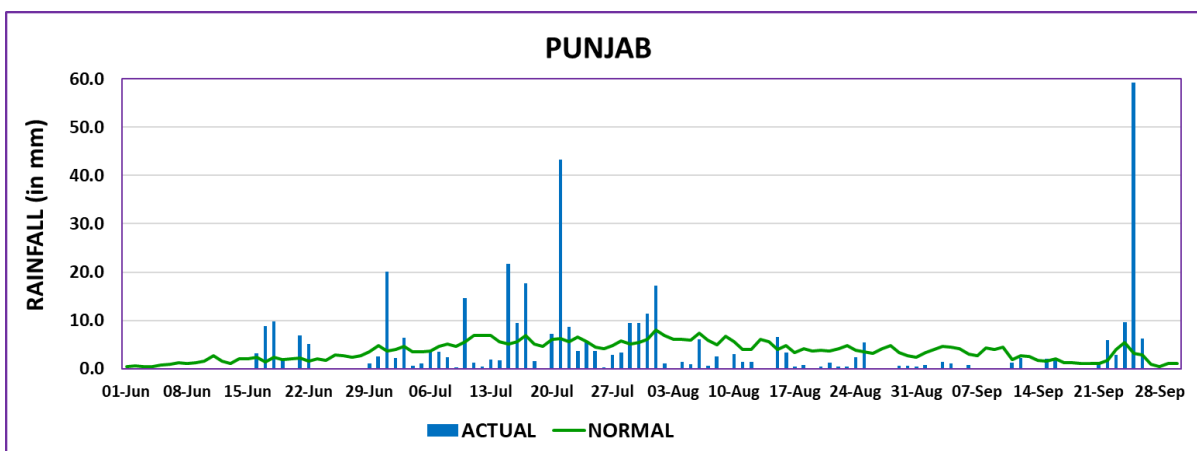
Figure 35: Punjab - Rainfall Distribution - SW Monsoon 2022
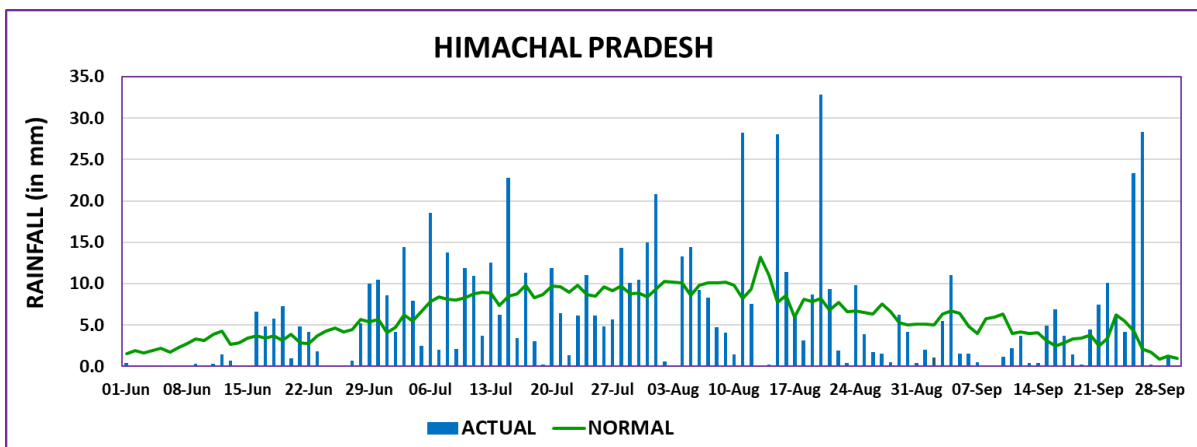
Figure 36: Himachal Pradesh - Rainfall Distribution - SW Monsoon 2022
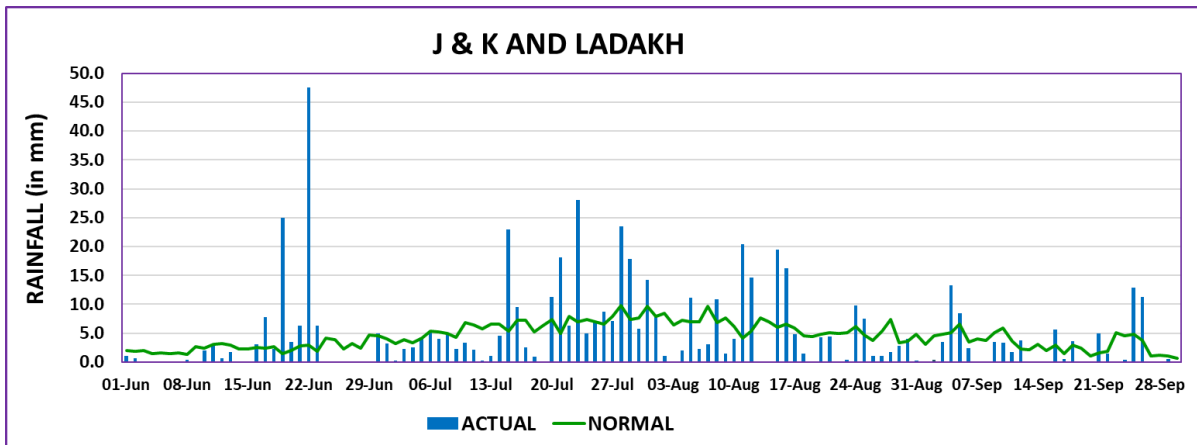
Figure 37: J & K and Ladakh - Rainfall Distribution - SW Monsoon 2022
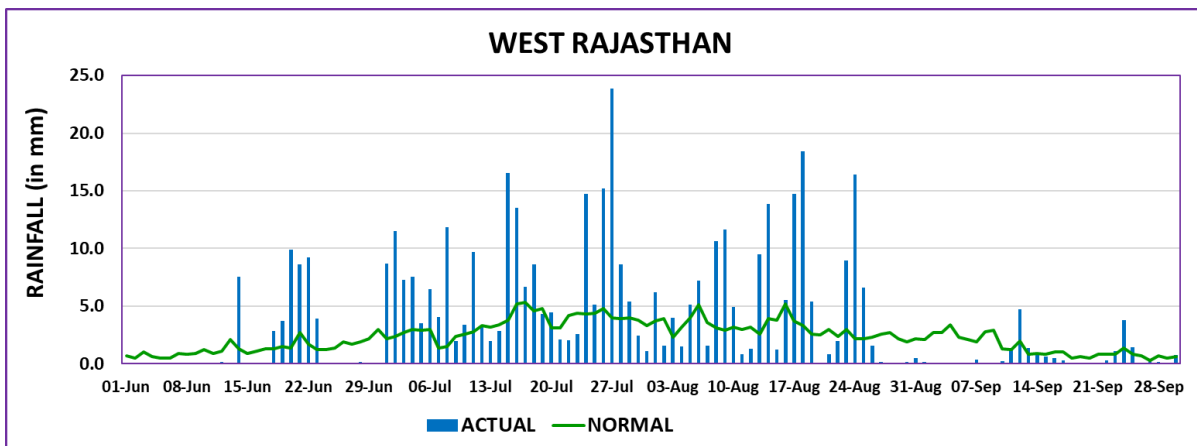
Figure 38: West Rajasthan - Rainfall Distribution - SW Monsoon 2022
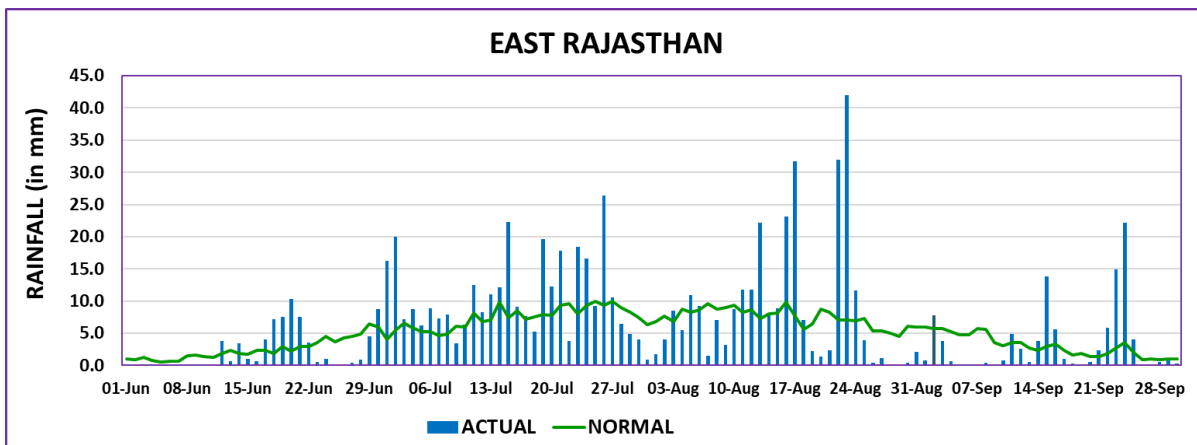
Figure 39: East Rajasthan - Rainfall Distribution - SW Monsoon 2022

REGION: CENTRAL INDIA
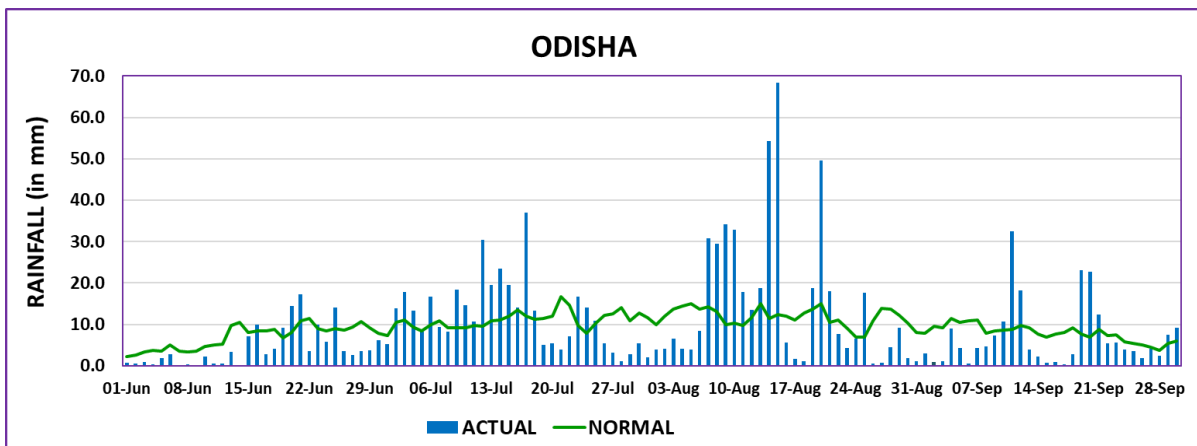
Figure 40: Odisha - Rainfall Distribution - SW Monsoon 2022
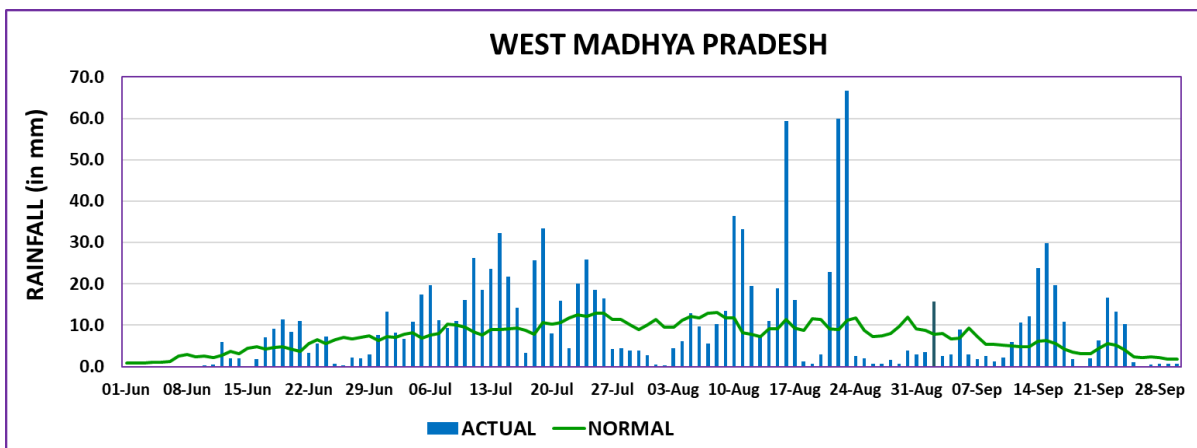
Figure 41: West Madhya Pradesh - Rainfall Distribution - SW Monsoon 2022
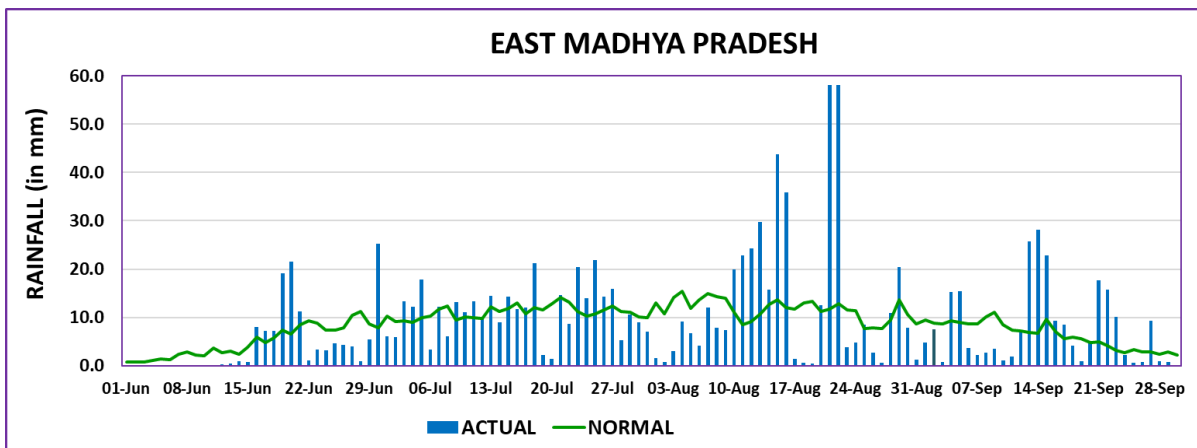
Figure 42: East Madhya Pradesh - Rainfall Distribution - SW Monsoon 2022
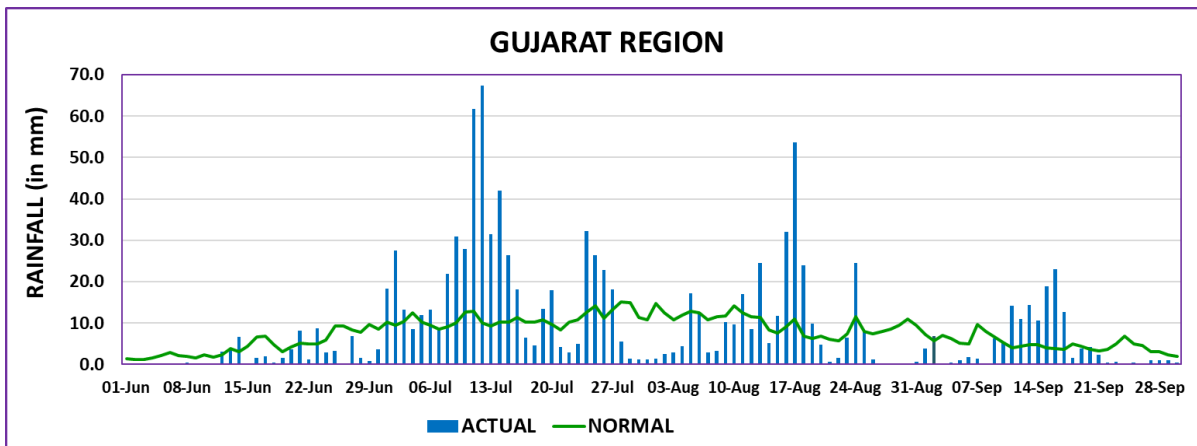
Figure 43: Gujarat Region - Rainfall Distribution - SW Monsoon 2022
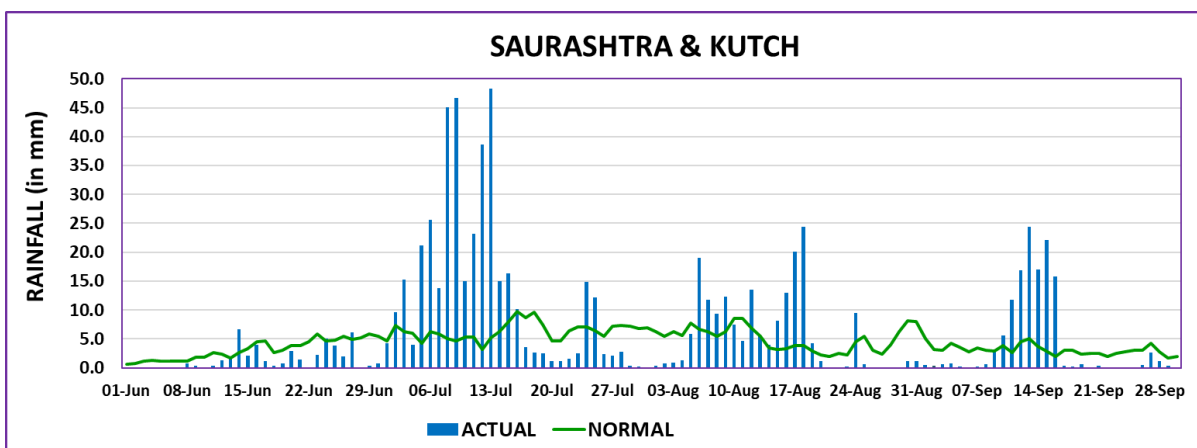
Figure 44: Saurashtra & Kutch - Rainfall Distribution - SW Monsoon 2022
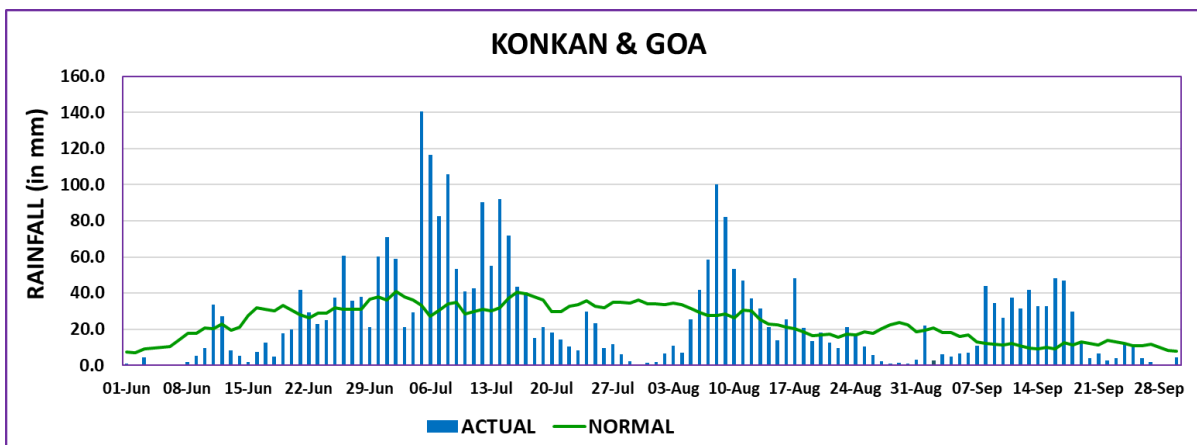
Figure 45: Konkan & Goa - Rainfall Distribution - SW Monsoon 2022

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION
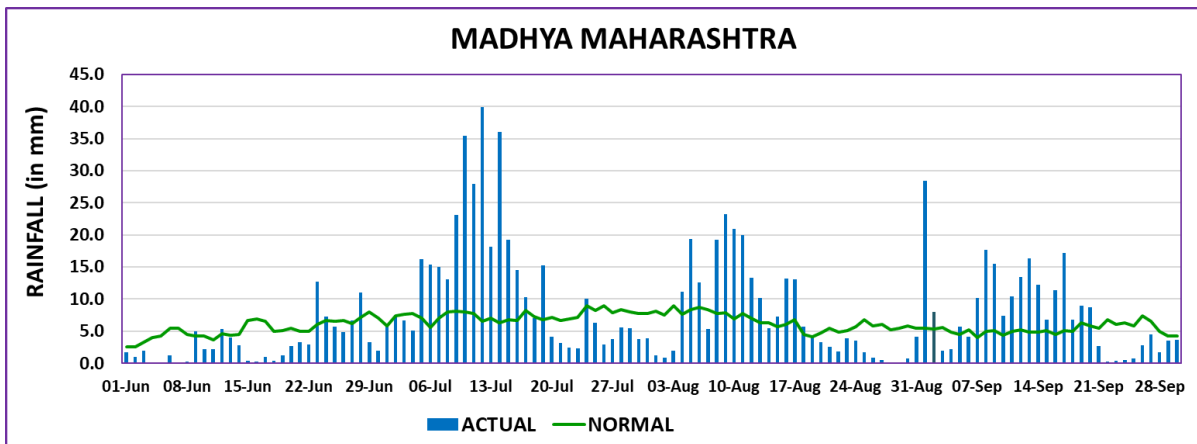
Figure 46: Madhya Maharashtra - Rainfall Distribution - SW Monsoon 2022
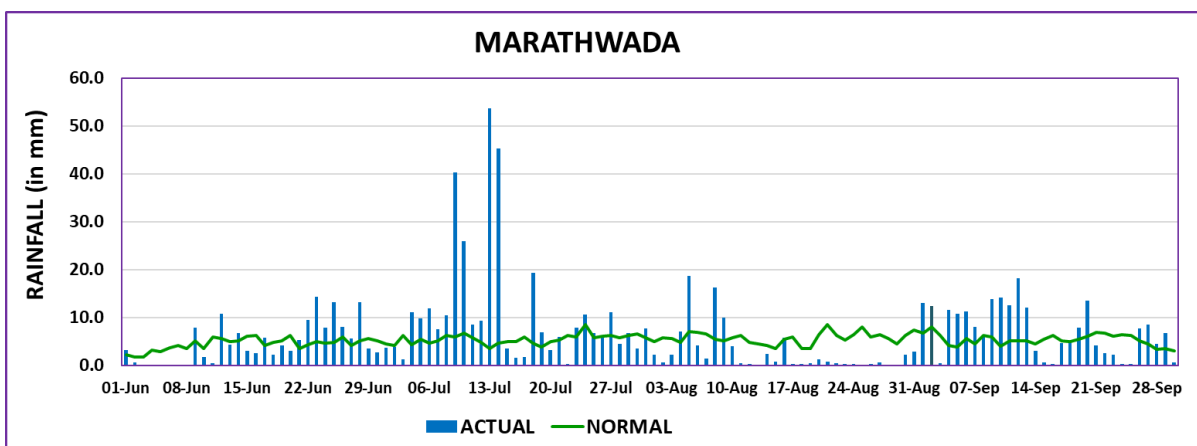
Figure 47: Marathwada - Rainfall Distribution - SW Monsoon 2022
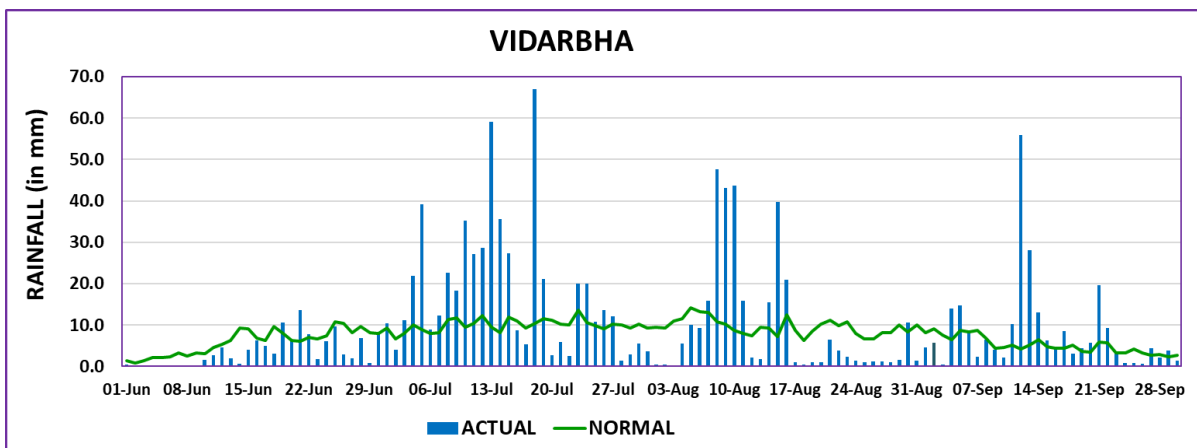
Figure 48: Vidarbha - Rainfall Distribution - SW Monsoon 2022
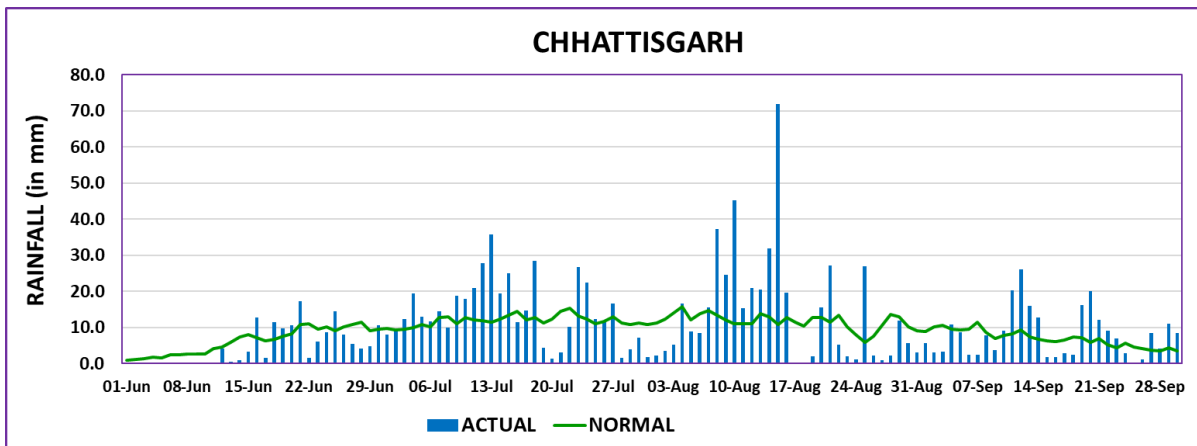
Figure 49: Chhattisgarh - Rainfall Distribution - SW Monsoon 2022

REGION: SOUTH PENINSULA
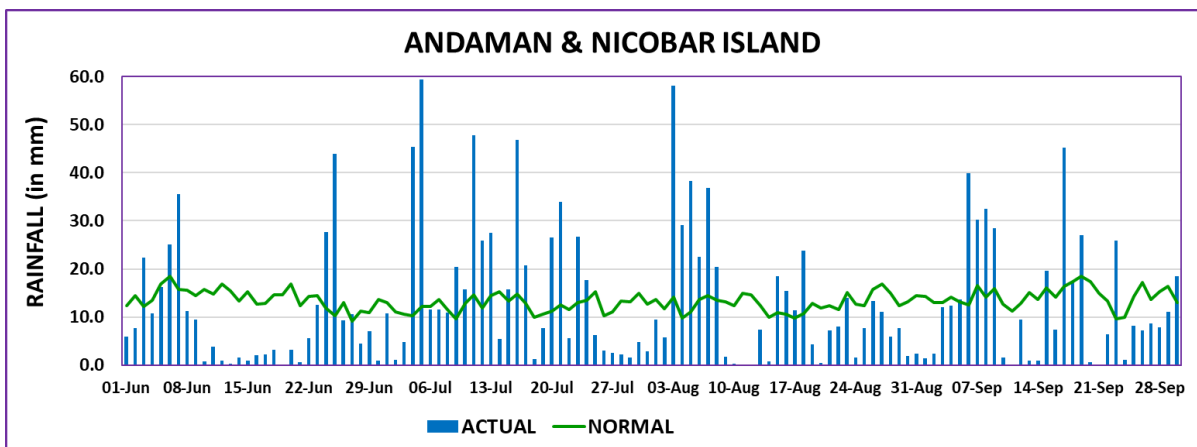
Figure 50: Andaman & Nicobar Islands - Rainfall Distribution - SW Monsoon 2022
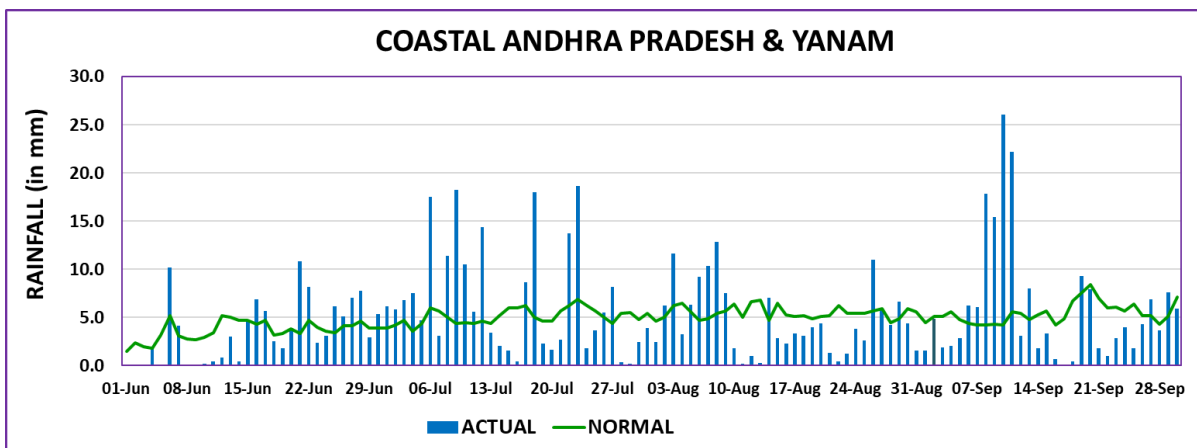
Figure 51: Coastal A. P. & Yaman- Rainfall Distribution - SW Monsoon 2022
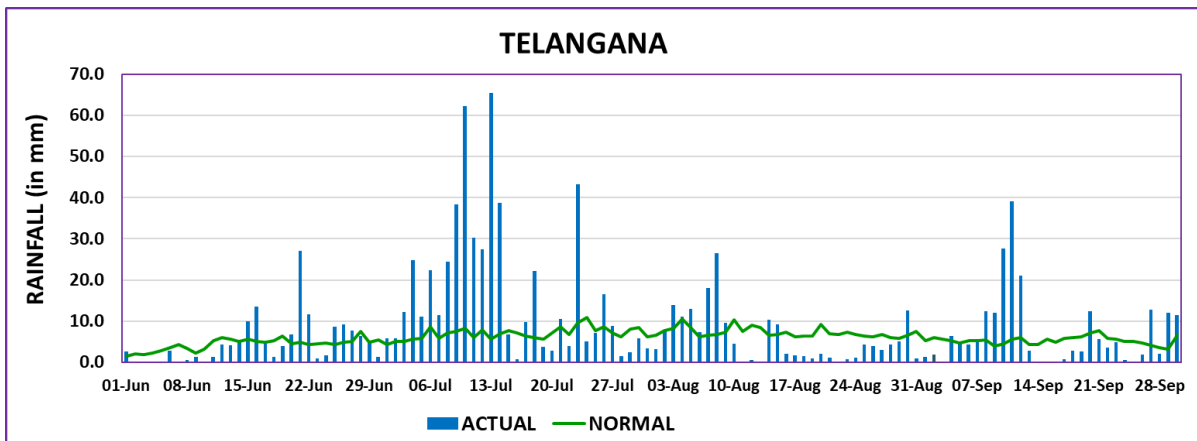
Figure 52: Telangana - Rainfall Distribution - SW Monsoon 2022
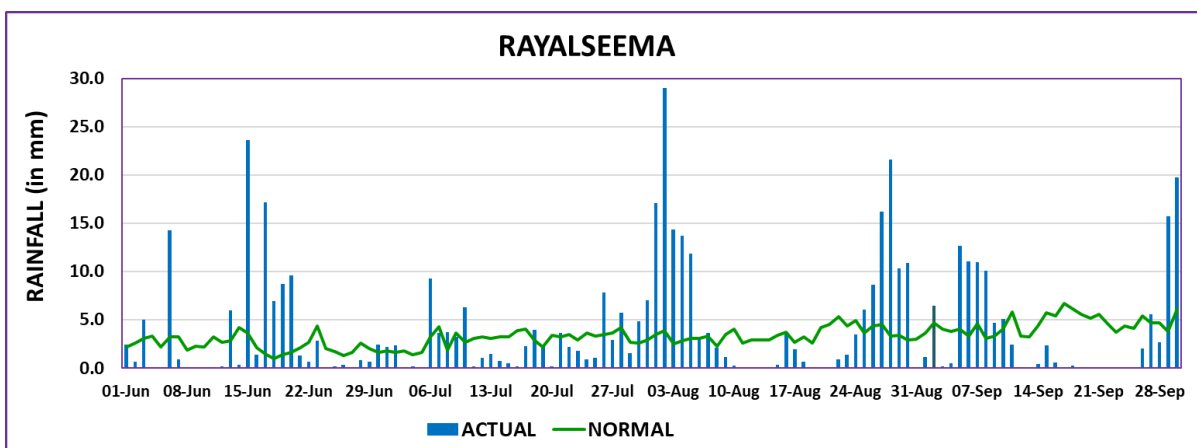
Figure 53: Rayalaseema - Rainfall Distribution - SW Monsoon 2022
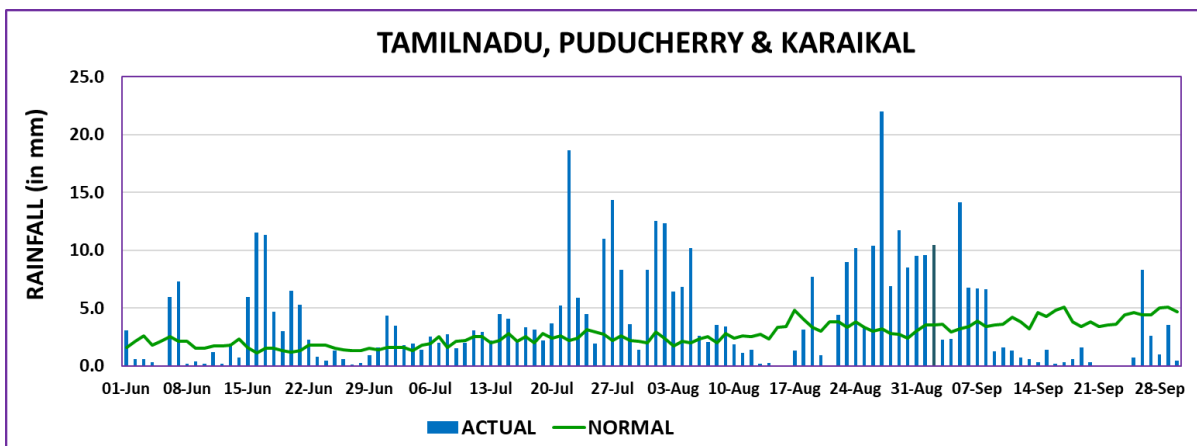
Figure 54: Tamil., Pudu. & Karaikal - Rainfall Distribution - SW Monsoon 2022
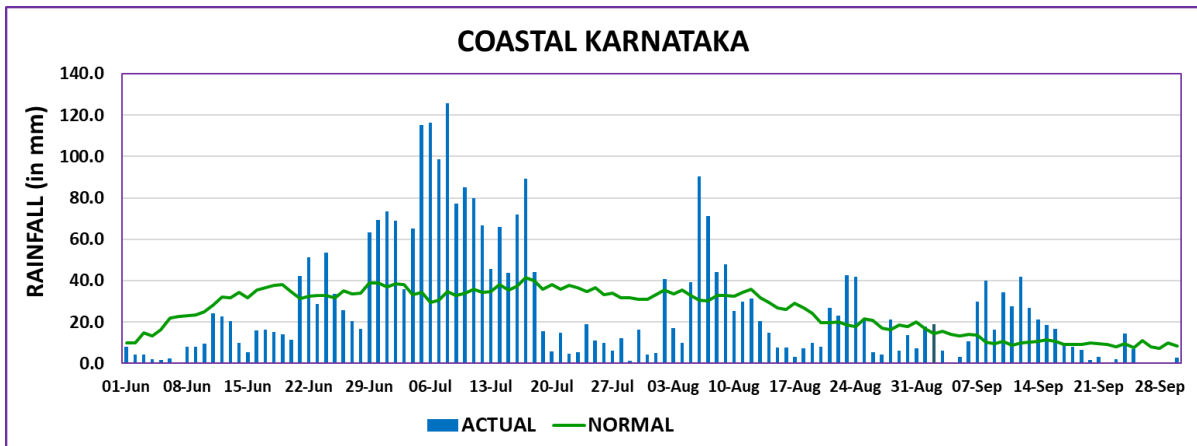
Figure 55: Coastal Karnataka - Rainfall Distribution - SW Monsoon 2022
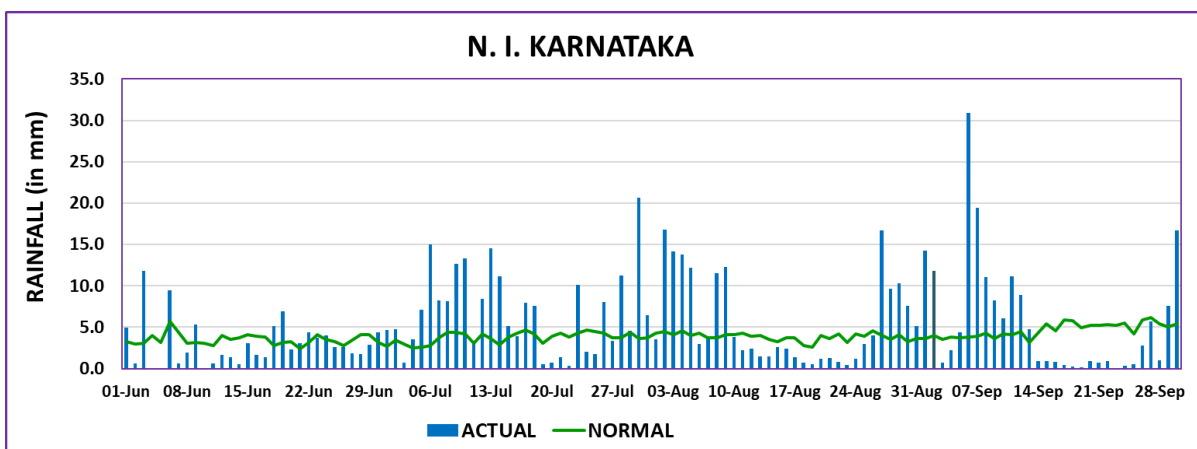
Figure 56: North Interior Karnataka - Rainfall Distribution - SW Monsoon 2022
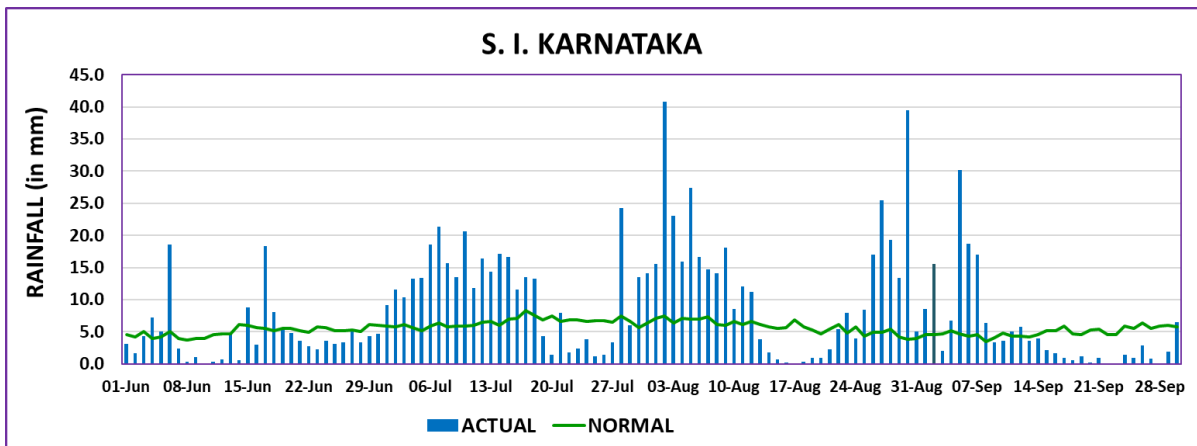
Figure 57: South Interior Karnataka - Rainfall Distribution - SW Monsoon 2022

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION
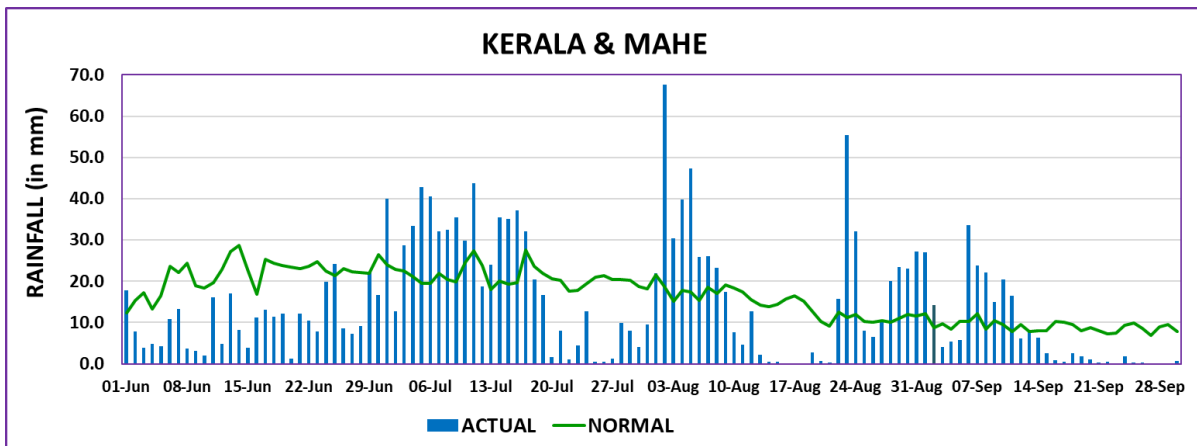
Figure 58: Kerala & Mahe - Rainfall Distribution - SW Monsoon 2022
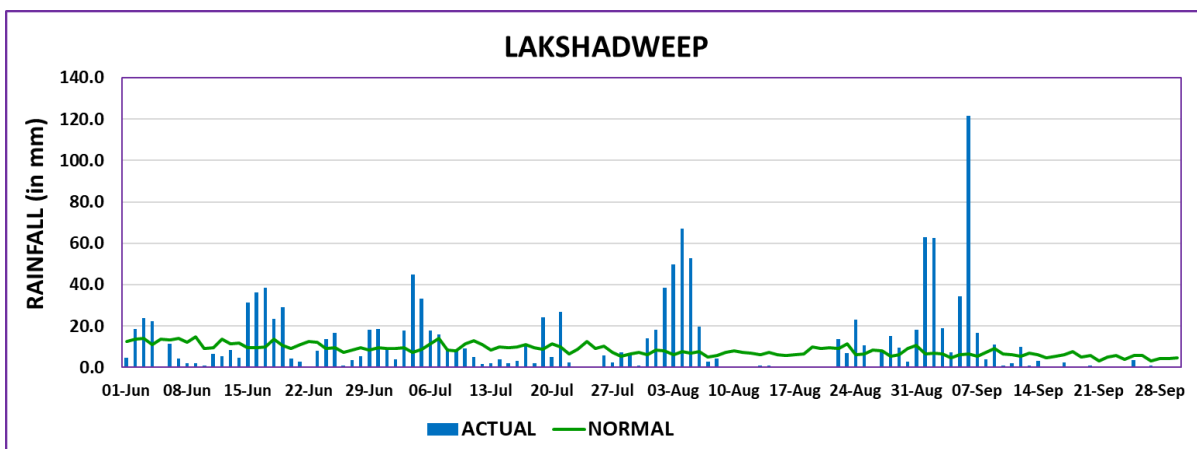
Figure 59: Lakshadweep - Rainfall Distribution - SW Monsoon 2022

REGION: EAST & NORTH EAST INDIA
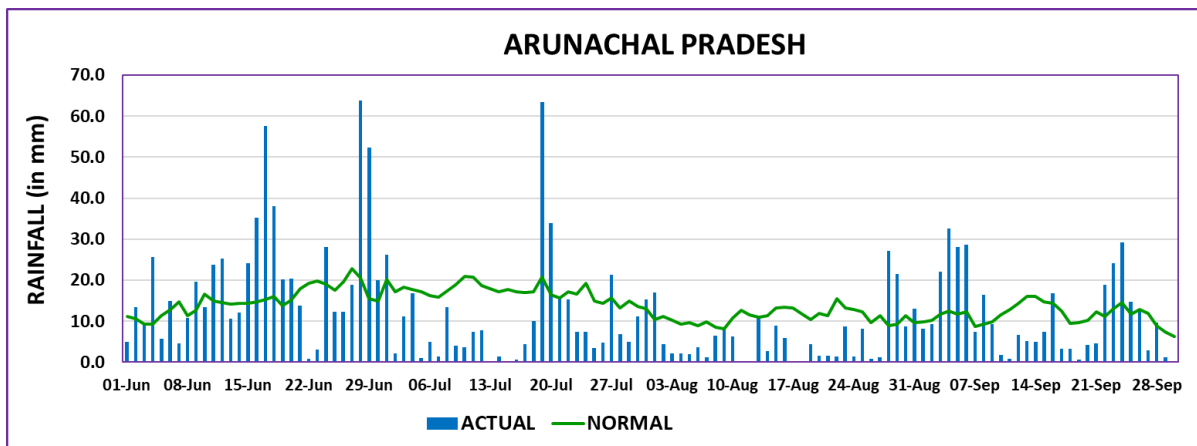
Figure 60: Arunachal Pradesh - Rainfall Distribution - SW Monsoon 2022
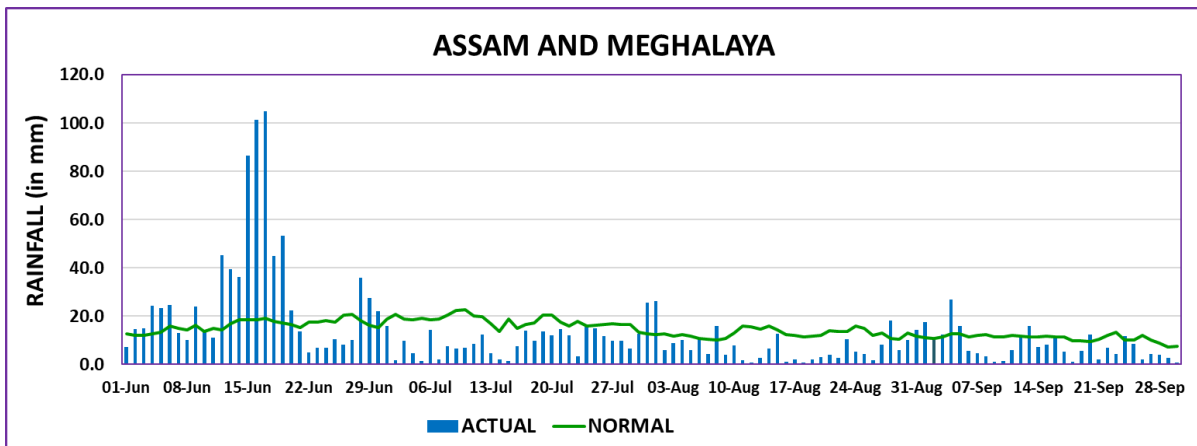
Figure 61: Assam & Meghalaya - Rainfall Distribution - SW Monsoon 2022
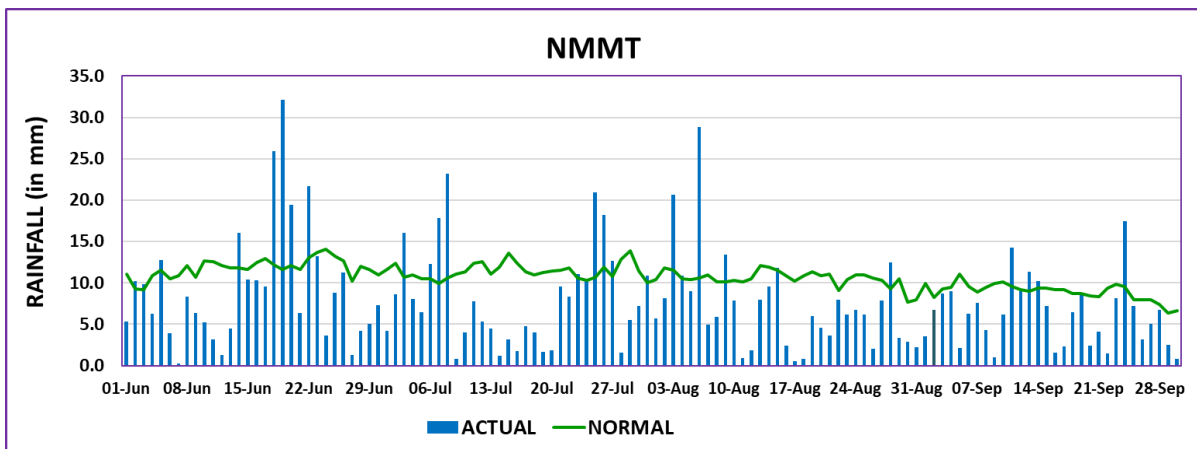
Figure 62: NMMT - Rainfall Distribution - SW Monsoon 2022

Figure 63: S H W Bengal & Sikkim - Rainfall Distribution - SW Monsoon 2022

4. RAINFALL STATISTICS FOR METEOROLOGICAL SUBDIVISION
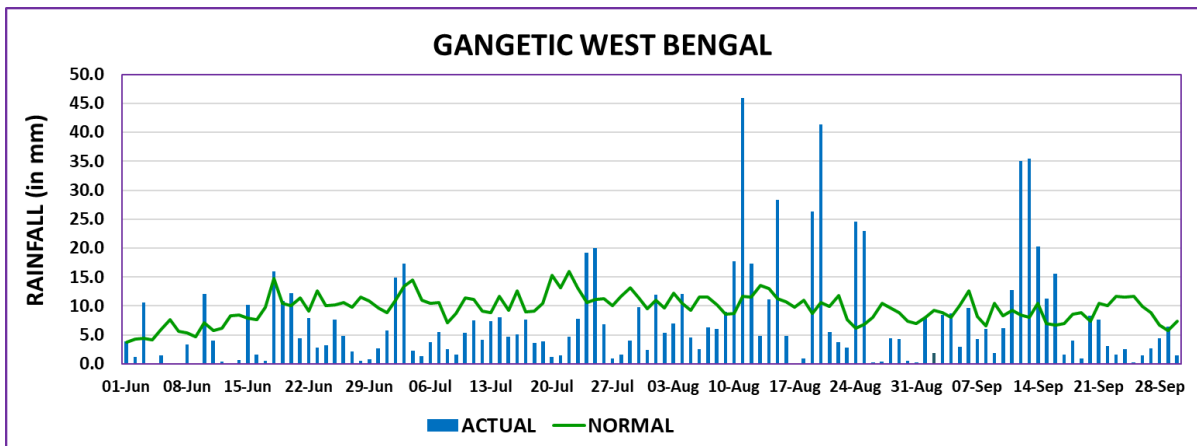
Figure 64: Gangetic West Bengal - Rainfall Distribution - SW Monsoon 2022

Figure 65: Jharkhand - Rainfall Distribution - SW Monsoon 2022
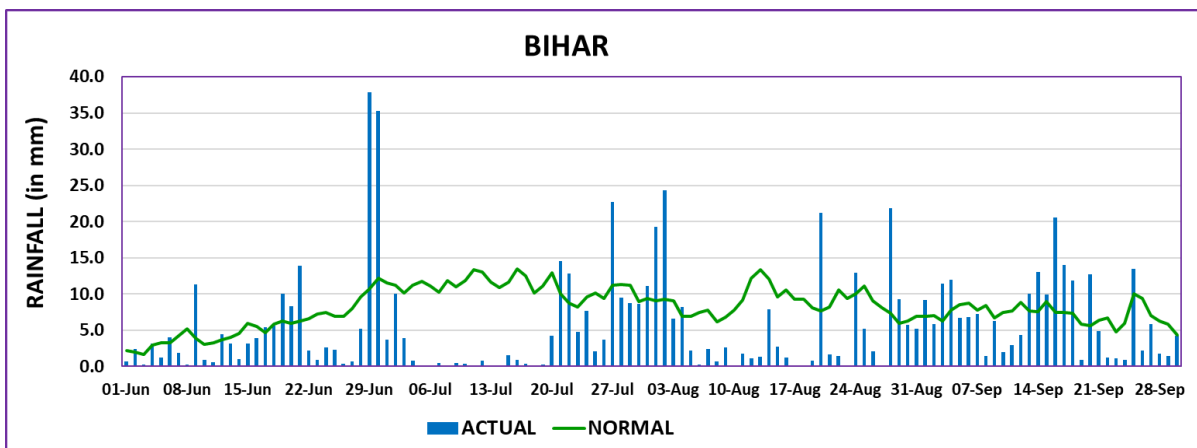
Figure 66: Bihar - Rainfall Distribution - SW Monsoon 2022

5. STATE-WISE RAINFALL STATISTICS

5.1 SEASONAL & ANNUAL

State-wise seasonal and annual observed rainfall, and its percentage departure from normal rainfall for the states have been given in Table 15. It is observed that during annual, the highest area weighted rainfall of 4216.1 mm was received at Meghalaya and the lowest rainfall of 86.8 mm was received at Ladakh (UT).

Table 15: State-wise Seasonal and Annual Rainfall (mm) - Year 2022

STATES	Winter	Pre-Monsoon	SW-Monsoon	Post-Monsoon	Annual
EAST & NORTH EAST INDIA					
ARUNACHAL PRADESH	132.8	838.2	1430.3	359.4	2810.6
ASSAM	75.8	760.9	1340.5	198.5	2375.7
MEGHALAYA	74.3	1433.8	2477.2	319.5	4216.1
NAGALAND	78.0	405.2	899.1	115.6	1456.0
MANIPUR	60.8	441.9	544.7	177.9	1225.2
MIZORAM	23.6	393.5	1264.1	152.1	1833.3
TRIPURA	31.2	455.8	1058.2	227.5	1772.8
SIKKIM	175.3	829.9	1995.0	300.5	3300.7
WEST BENGAL	69.0	241.6	1123.6	124.6	1558.8
JHARKHAND	63.1	72.2	817.6	91.7	1044.5
BIHAR	40.0	88.9	683.7	81.9	894.5
NORTH WEST INDIA					
UTTAR PRADESH	55.5	25.4	533.4	145.8	760.2
UTTARAKHAND	162.1	107.5	1128.0	119.7	1517.3
HARYANA	84.4	35.2	464.7	36.2	620.5
CHANDIGARH (UT)	240.3	26.3	902.5	25.9	1195.1
DELHI	101.4	57.5	451.4	65.4	675.9
PUNJAB	127.4	20.9	414.0	11.0	573.2
HIMACHAL PRADESH	247.6	68.1	706.9	63.9	1086.4
JAMMU & KASHMIR	245.9	99.5	580.5	114.5	1040.4
LADAKH(UT)	32.2	7.7	37.6	9.2	86.8
RAJASTHAN	25.6	8.0	596.0	32.5	662.2
CENTRAL INDIA					
ODISHA	53.4	90.8	1196.6	125.8	1466.7
MADHYA PRADESH	33.6	9.3	1169.5	96.9	1309.2
GUJARAT	1.8	0.1	905.9	20.3	928.1
DADRA & NAGAR HAVELI AND DAMAN & DIU (UT)	0.3	0.2	3148.0	113.8	3262.3
GOA	0.8	151.7	2768.9	119.6	3041.0
MAHARASHTRA	9.5	9.6	1219.8	133.7	1372.5

STATES	Winter	Pre-Monsoon	SW-Monsoon	Post-Monsoon	Annual
CHHATISGARH	53.9	33.6	1276.3	74.3	1438.1
SOUTH PENINSULA					
A & N ISLAND (UT)	197.1	783.3	1591.3	666.9	3238.7
ANDHRA PRADESH	22.6	119.9	575.6	319.1	1037.1
TELANGANA	36.0	42.9	1072.7	119.0	1270.6
TAMILNADU	42.4	166.5	476.8	444.8	1130.6
PUDUCHERRY (UT)	83.5	183.8	367.3	662.0	1296.5
KARNATAKA	0.5	255.5	1075.2	235.3	1566.5
KERALA	14.9	669.3	1736.6	476.2	2897.1
LAKSHADWEEP (UT)	17.8	384.2	1391.2	302.7	2095.9

However, it may be seen that, Ladakh (UT) was with the highest positive departure in rainfall of 70% from LPA of annual whereas Mizoram remained with highest negative departure of 26% of its annual LPA.

Table 16: % Departure of State-wise Seasonal and Annual Rainfall - Year 2022

STATES	Winter	Pre-Monsoon	SW-Monsoon	Post-Monsoon	Annual
EAST & NORTH EAST INDIA					
ARUNACHAL PRADESH	0%	11%	-15%	49%	0%
ASSAM	70%	40%	-9%	28%	7%
MEGHALAYA	116%	100%	-8%	4%	12%
NAGALAND	140%	19%	-13%	-21%	-6%
MANIPUR	59%	22%	-48%	-3%	-25%
MIZORAM	-16%	-30%	-22%	-39%	-26%
TRIPURA	2%	-31%	-24%	12%	-23%
SIKKIM	73%	36%	19%	63%	28%
WEST BENGAL	150%	6%	-16%	-28%	-12%
JHARKHAND	149%	-13%	-20%	3%	-14%
BIHAR	102%	4%	-31%	22%	-23%
NORTH WEST INDIA					
UTTAR PRADESH	103%	-23%	-29%	291%	-10%
UTTARAKHAND	59%	-32%	-3%	118%	3%
HARYANA	165%	-21%	9%	88%	19%
CHANDIGARH (UT)	240%	-52%	7%	-34%	18%
DELHI	176%	2%	-17%	191%	2%
PUNJAB	169%	-62%	-6%	-54%	1%
HIMACHAL PRADESH	32%	-72%	-4%	-23%	-13%
JAMMU & KASHMIR(UT)	9%	-70%	6%	-10%	-16%

STATES	Winter	Pre-Monsoon	SW-Monsoon	Post-Monsoon	Annual
LADAKH(UT)	178%	-14%	69%	14%	70%
RAJASTHAN	167%	-66%	37%	79%	36%
CENTRAL INDIA					
ODISHA	113%	-29%	4%	-11%	2%
MADHYA PRADESH	50%	-49%	23%	92%	26%
GUJARAT	62%	-98%	27%	-33%	24%
DADRA & NAGAR HAVELI AND DAMAN & DIU (UT)	-54%	-98%	43%	87%	43%
GOA	-51%	112%	-8%	-40%	-7%
MAHARASHTRA	21%	-63%	23%	39%	22%
CHHATISGARH	146%	-9%	13%	-2%	14%
SOUTH PENINSULA					
A & N ISLAND (UT)	146%	72%	-2%	-1%	14%
ANDHRA PRADESH	35%	34%	10%	11%	13%
TELANGANA	125%	-33%	46%	-4%	35%
TAMILNADU	72%	33%	45%	1%	23%
PUDUCHERRY (UT)	69%	92%	-12%	-23%	-9%
KARNATAKA	-90%	117%	29%	33%	38%
KERALA	-29%	86%	-14%	-3%	0%
LAKSHADWEEP (UT)	-31%	95%	36%	-10%	32%

5.2 CATEGORY-WISE SEASONAL AND ANNUAL DISTRIBUTION:

The distribution of categories in Annual rainfall statistics show that 11 state in Large Excess/Excess, 21 states remained in Normal and only 4 in deficient category of rainfall. The statistics and chart depicting the number of states in different categories for different seasons and for the year have been given at Table 17 and Figure 67 respectively.

Table 17: Category-wise Number of States - Seasonally and Annually - Year 2022

CATEGORY	WINTER	PRE-MONSOON	SW MONSOON	POST-MONSOON	ANNUAL
LARGE EXCESS	21	7	1	8	1
EXCESS	6	5	9	5	10
NORMAL	4	8	20	14	21
DEFICIENT	4	9	6	9	4
LARGE DEFICIENT	1	7	0	0	0
NO RAIN	0	0	0	0	0
NO DATA	0	0	0	0	0
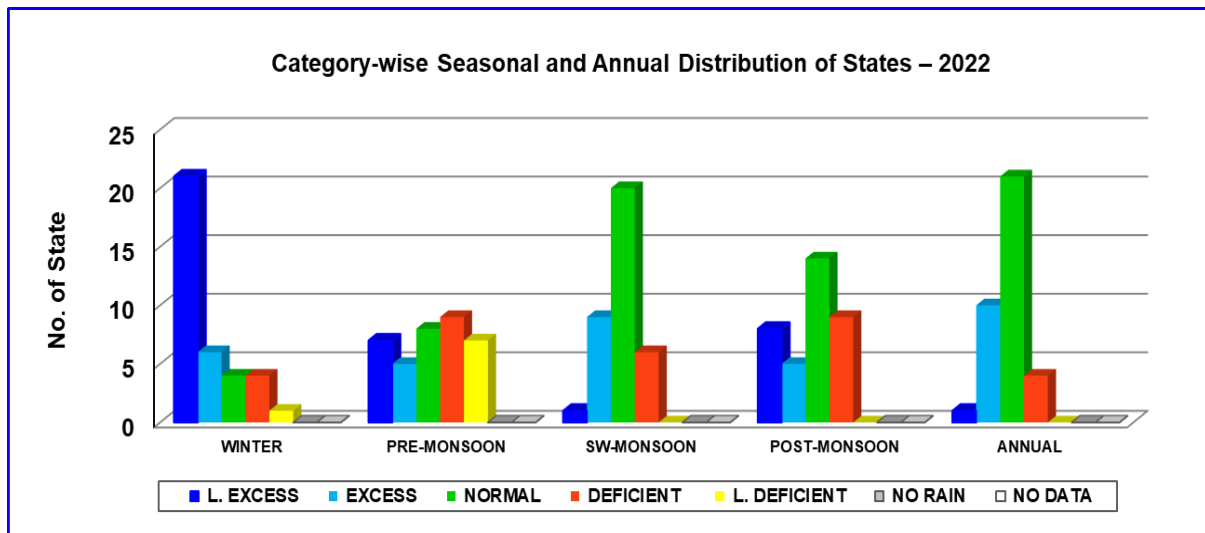
Figure 67: Category-wise distribution of States – Seasonally and Annually

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.
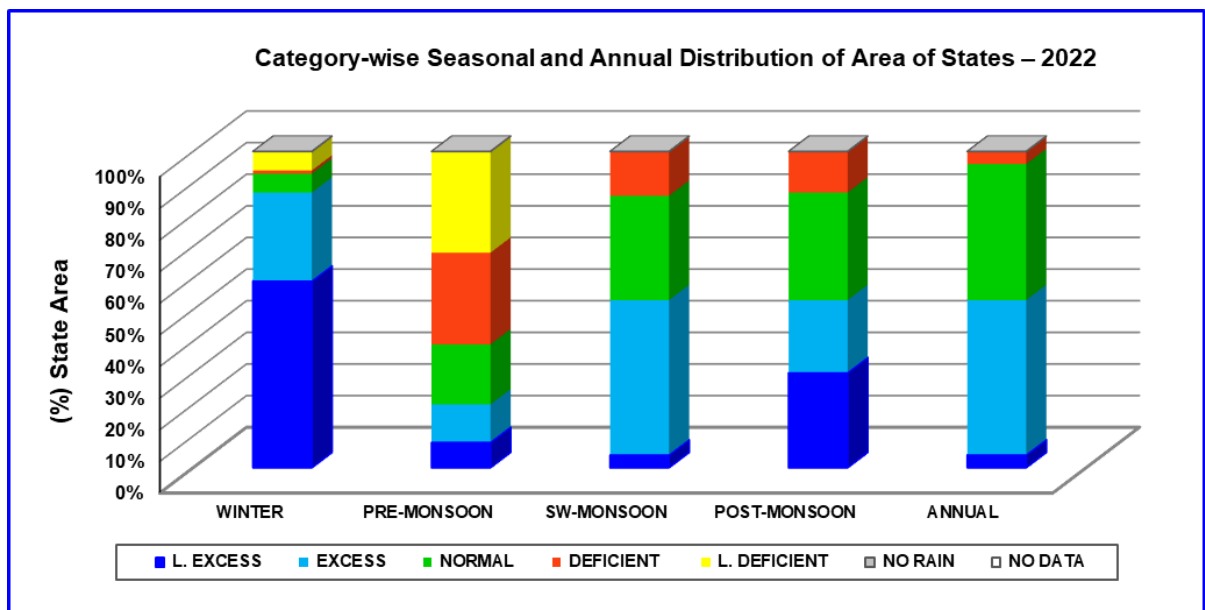
Figure 68: % Area of the country under different categories – Seasonally & Annually

5.3 AREA (%) UNDER RAINFALL DEFICIENCY– SOUTHWEST MONSOON

Area (%) of the 36 states and UTs of the country under different categories of rainfall deficiency during southwest monsoon have been given below in tabular form in Table 18 and has been depicted in graphical form in Figure 69 as well. During southwest monsoon season, 11% area of States of the country experienced rainfall deficiency of 26% or more, but <50%.

Table 18: Area (%) of States of the country under Rainfall Deficiency – SW Monsoon 2022

Deficiency in Rainfall	Deficiency	% Area of States of Country
25 % or less	No	89%
26 % or more but < 50 %	Moderate	11%
50 % or more	Severe	0%
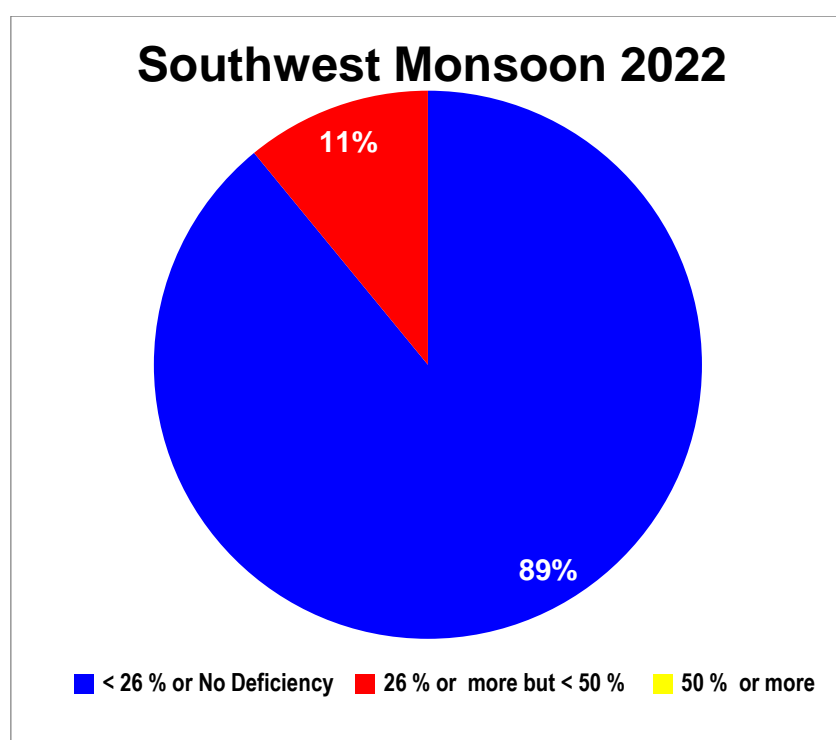
Figure 69: Area (%) of States under Rainfall Deficiency – Southwest Monsoon

5.4 MONTHLY RAINFALL STATISTICS

State-wise monthly observed rainfall (mm) for the states have been given in Table 19. During SW Monsoon season, monthly highest rainfall occurred 1824.7 mm over the state of Dadra & Nagar Haveli and Daman & Diu (UT) in the month of July and also many states observed no rainfall in different months in winter, pre-monsoon, and in post monsoon seasons viz., Tripura, Jharkhand, Bihar, Uttar Pradesh, Chandigarh (UT), Delhi, Gujarat, Dadra & Nagar Haveli and Daman & Diu (UT), Goa and Chhattisgarh, not in southwest monsoon season.

STATE-WISE RAINFALL STATISTICS

Table 19: State-wise Monthly Rainfall (mm) - Year 2022

STATES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
EAST & NORTH EAST INDIA												
ARUNACHAL PRADESH	47.0	85.8	77.4	432.9	327.9	599.3	322.3	177.9	330.7	335.5	0.9	23.0
ASSAM	23.5	52.3	44.3	318.1	398.5	673.7	273.9	207.0	185.9	193.2	0.1	5.3
MEGHALAYA	24.4	49.4	57.6	428.7	947.5	1495.8	353.5	250.1	377.8	315.4	1.0	3.2
NAGALAND	32.2	45.8	11.5	181.3	212.4	245.4	244.4	191.3	218.0	103.2	0.5	11.9
MANIPUR	29.7	31.1	64.1	98.3	279.4	234.3	134.9	91.7	83.8	164.1	1.4	12.4
MIZORAM	6.5	17.1	14.1	50.5	328.8	313.9	392.9	350.7	206.6	144.1	0.7	7.4
TRIPURA	12.7	18.5	32.2	64.1	359.5	373.0	189.1	245.6	250.6	221.5	0.0	6.0
SIKKIM	54.3	121.0	115.4	345.3	369.2	628.4	332.3	459.1	575.2	291.5	4.5	4.5
WEST BENGAL	20.2	48.7	4.9	51.9	184.8	284.7	236.3	344.0	258.6	124.1	0.2	0.3
JHARKHAND	24.5	38.6	1.5	1.6	69.1	97.4	161.8	329.0	229.3	91.4	0.0	0.3
BIHAR	11.2	28.8	0.1	10.8	78.0	172.6	134.7	170.1	206.2	81.8	0.0	0.1
NORTH WEST INDIA												
UTTAR PRADESH	40.5	15.0	0.0	0.0	25.4	45.3	147.7	139.6	200.9	145.5	0.2	0.1
UTTARAKHAND	108.4	53.7	2.2	7.7	97.6	125.5	404.8	330.2	267.6	117.6	2.0	0.1
HARYANA	69.0	15.3	0.2	0.5	34.5	36.0	220.4	70.0	138.3	35.9	0.3	0.0
CHANDIGARH (UT)	207.7	32.6	0.0	0.1	26.2	60.9	463.1	166.9	211.6	25.6	0.1	0.3
DELHI	88.6	12.8	0.0	0.2	57.3	19.7	221.0	62.0	148.8	65.4	0.0	0.0
PUNJAB	104.5	22.9	0.4	0.4	20.1	39.7	219.3	58.4	96.5	9.1	1.4	0.4
HIMACHAL PRADESH	167.2	80.5	5.7	8.5	53.9	66.1	263.1	243.4	134.2	38.0	19.5	6.4
JAMMU & KASHMIR	168.7	77.1	18.3	21.5	59.7	116.4	225.8	157.4	80.9	39.8	61.5	13.2
LADAKH(UT)	14.9	17.4	4.3	1.7	1.7	2.0	19.1	4.5	11.9	2.8	4.0	2.4
RAJASTHAN	24.4	1.2	2.1	0.2	5.7	55.1	270.2	216.6	54.2	31.4	1.1	0.0
CENTRAL INDIA												
ODISHA	43.4	10.0	0.7	12.9	77.1	131.6	376.6	479.9	208.6	123.8	1.7	0.3
MADHYA PRADESH	30.0	3.5	1.8	0.1	7.3	107.5	408.0	435.4	218.6	94.9	0.0	2.0
GUJARAT	1.8	0.0	0.0	0.0	0.0	51.5	484.4	234.8	135.3	20.1	0.1	0.1
DADRA & NAGAR HAVELI AND DAMAN & DIU(UT)	0.3	0.0	0.0	0.2	0.1	141.6	1824.7	559.0	622.6	113.8	0.0	0.0
GOA	0.8	0.0	4.0	42.7	105.0	861.7	1186.1	365.8	355.4	103.8	9.5	6.3
MAHARASHTRA	9.2	0.3	1.3	3.0	5.3	146.1	528.0	279.8	265.9	132.3	0.3	1.1
CHHATISGARH	43.2	10.7	0.9	9.3	23.5	137.3	441.9	454.8	242.3	72.4	0.0	1.8
SOUTH PENINSULA												
A & N ISLAND (UT)	52.9	144.2	132.7	44.1	606.5	285.3	523.7	384.7	397.6	319.5	178.5	168.9
ANDHRA PRADESH	21.7	0.9	3.5	6.7	109.7	105.7	157.0	159.7	153.3	175.7	61.5	82.0
TELANGANA	35.9	0.1	1.7	5.9	35.3	142.6	535.3	181.2	213.6	111.6	1.0	6.4
TAMILNADU	34.7	7.7	12.1	65.2	89.2	79.2	138.1	174.0	85.6	165.8	178.0	101.0
PUDUCHERRY (UT)	55.9	27.5	18.5	33.4	131.9	62.7	119.7	100.4	84.5	216.8	318.6	126.5
KARNATAKA	0.4	0.0	14.1	58.3	183.0	162.3	402.7	325.9	184.3	190.2	19.5	25.5
KERALA	3.0	12.0	47.5	195.7	426.2	308.8	652.6	553.4	221.8	214.1	172.5	89.6
LAKSHADWEEP (UT)	0.6	17.2	10.6	100.6	273.0	366.6	295.2	364.4	365.0	120.7	68.7	113.2

State-wise monthly percentage departure of monthly rainfall for the states from their normal rainfall have been given in Table 20. It is observed that in the month of November, all the state/UTs remained in Deficient/ Large Deficient/ No Rain category of rainfall (except Himachal Pradesh, Jammu &

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Kashmir (UT), Ladakh (UT), Tamilnadu, Puducherry (UT) and Kerala remained Large Excess/ Excess/Normal). The similar situation like Deficient/ Large Deficient/ No Rain category of rainfall was also persists in the month of December as well (except for Nagaland, Manipur, Ladakh (UT), Goa, A & N Island (UT), Andhra Pradesh, Telangana, Tamilnadu, Karnataka, Kerala and Lakshadweep (UT) remained Large Excess/ Excess categories of rainfall).

Table20: % Departure of State-wise monthly rainfall - Year 2022

STATES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
EAST & NORTH EAST INDIA												
ARUNACHAL PRADESH	3%	-2%	-55%	44%	15%	32%	-39%	-48%	-5%	98%	-98%	-24%
ASSAM	66%	73%	-39%	76%	38%	62%	-39%	-39%	-34%	58%	-99%	-51%
MEGHALAYA	96%	125%	-28%	85%	134%	107%	-61%	-57%	-22%	24%	-98%	-64%
NAGALAND	140%	140%	-75%	55%	20%	-6%	-20%	-28%	5%	-8%	-98%	24%
MANIPUR	200%	10%	10%	-19%	53%	-21%	-53%	-63%	-59%	36%	-97%	20%
MIZORAM	-37%	-4%	-79%	-65%	-6%	-26%	-7%	-16%	-43%	-26%	-98%	-27%
TRIPURA	89%	-23%	-52%	-67%	-11%	-12%	-50%	-26%	-2%	39%	-99%	-48%
SIKKIM	55%	82%	-12%	81%	28%	43%	-30%	10%	68%	108%	-84%	-72%
WEST BENGAL	74%	205%	-81%	-13%	29%	-4%	-42%	0%	-13%	-10%	-99%	-98%
JHARKHAND	123%	168%	-90%	-92%	42%	-49%	-49%	13%	2%	25%	-100%	-96%
BIHAR	19%	177%	-99%	-40%	32%	6%	-60%	-37%	-5%	43%	-100%	-98%
NORTH WEST INDIA												
UTTAR PRADESH	224%	1%	-99%	-100%	39%	-53%	-44%	-41%	31%	416%	-94%	-99%
UTTARAKHAND	157%	-10%	-96%	-80%	51%	-29%	-3%	-14%	47%	279%	-69%	-99%
HARYANA	376%	-11%	-99%	-94%	72%	-34%	48%	-52%	82%	282%	-93%	-99%
CHANDIGARH (UT)	452%	-1%	-100%	-99%	15%	-61%	70%	-41%	61%	41%	-99%	-98%
DELHI	403%	-33%	-100%	-99%	105%	-70%	19%	-67%	42%	415%	-100%	-100%
PUNJAB	415%	-15%	-98%	-97%	16%	-27%	36%	-60%	24%	13%	-72%	-96%
HIMACHAL PRADESH	96%	-21%	-95%	-87%	-15%	-35%	3%	-5%	11%	51%	-1%	-83%
JAMMU & KASHMIR (UT)	77%	-41%	-88%	-78%	-23%	53%	17%	-15%	-15%	20%	75%	-78%
LADAKH (UT)	246%	138%	6%	-22%	-38%	-29%	113%	-6%	113%	-2%	26%	19%
RAJASTHAN	526%	-79%	-49%	-97%	-58%	0%	67%	39%	-15%	188%	-78%	-100%
CENTRAL INDIA												
ODISHA	310%	-31%	-96%	-64%	7%	-37%	10%	32%	-12%	11%	-92%	-95%
MADHYA PRADESH	181%	-70%	-75%	-97%	5%	-18%	29%	30%	31%	191%	-99%	-72%
GUJARAT	197%	-100%	-97%	-96%	-99%	-54%	86%	5%	16%	1%	-99%	-89%
DADRA & NAGAR HAVELI AND DAMAN & DIU(UT)	177%	-100%	-100%	1558%	-99%	-61%	103%	-9%	91%	151%	-100%	-100%
GOA	-35%	-100%	-10%	737%	69%	-6%	13%	-50%	12%	-37%	-68%	31%
MAHARASHTRA	100%	-92%	-78%	-47%	-63%	-30%	63%	0%	47%	79%	-99%	-75%
CHHATISGARH	257%	10%	-91%	-19%	43%	-27%	20%	25%	15%	20%	-100%	-65%
SOUTH PENINSULA												
A & N ISLAND (UT)	-6%	508%	247%	-44%	79%	-32%	35%	-3%	-7%	12%	-25%	15%
ANDHRA PRADESH	197%	-91%	-72%	-70%	98%	12%	20%	11%	1%	9%	-38%	205%
TELANGANA	286%	-99%	-89%	-68%	20%	9%	145%	-20%	35%	17%	-96%	21%
TAMILNADU	184%	-38%	-39%	68%	34%	56%	100%	93%	-28%	-3%	-2%	14%
PUDUCHERRY (UT)	114%	18%	-11%	95%	129%	-11%	33%	-21%	-35%	-21%	-14%	-40%
KARNATAKA	-80%	-98%	34%	74%	148%	-19%	60%	50%	14%	48%	-52%	215%

STATES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
KERALA	-60%	-13%	38%	85%	95%	-52%	0%	24%	-18%	-30%	13%	177%
LAKSHADWEEP (UT)	-96%	72%	-37%	242%	81%	9%	2%	57%	115%	-21%	-43%	84%

5.5 MONTHLY CATEGORY-WISE DISTRIBUTION:

The statistics and chart depicting the monthly distribution of number of states in different categories during the year have been given at Table 21 and Figure 70 respectively. It may be observed that at least 11 or more number of states remained in Large Excess/ Excess/ Normal rainfall category of rainfall during most of the months during the year except in month of March and November when the number states in these categories were 8 and 6 respectively.

14 or more number of states observed Deficient/Large Deficient /No Rain category of rainfall during the months of February, March, April, June, August, November and December.

Table 21: Category-wise Number of States - Monthly - Year 2022

CATEGORY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
L. EXCESS	27	10	1	10	10	2	9	1	6	10	1	4
EXCESS	1	0	2	2	12	4	7	7	7	11	1	4
NORMAL	3	11	5	3	8	12	9	13	17	10	4	3
DEFICIENT	2	6	7	4	3	15	9	12	6	5	4	5
L. DEFICIENT	3	6	18	16	3	3	2	3	0	0	21	17
NO RAIN	0	3	3	1	0	0	0	0	0	0	5	3
NO DATA	0	0	0	0	0	0	0	0	0	0	0	0
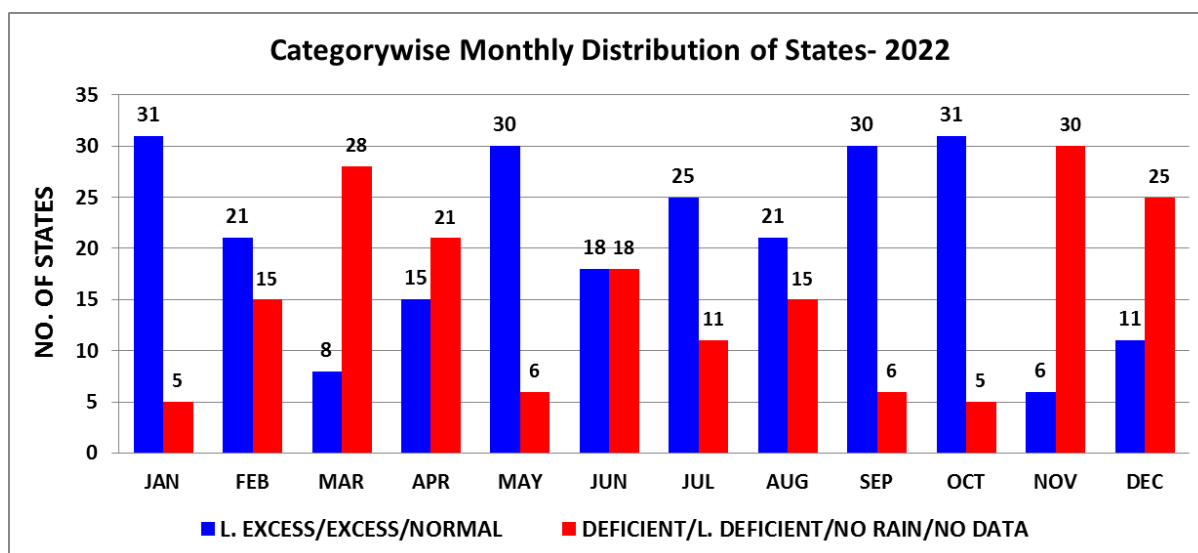
Figure 70: Category-wise distribution of States – Monthly – Year 2022

5.6 DAILY RAINFALL DISTRIBUTION – SW MONSOON 2022

Daily observed rainfall distributions for each of the total 36 states & UTs along with their daily rainfall normal, region-wise, have been depicted in Figure 71 to Figure 106.

REGION: NORTH WEST INDIA
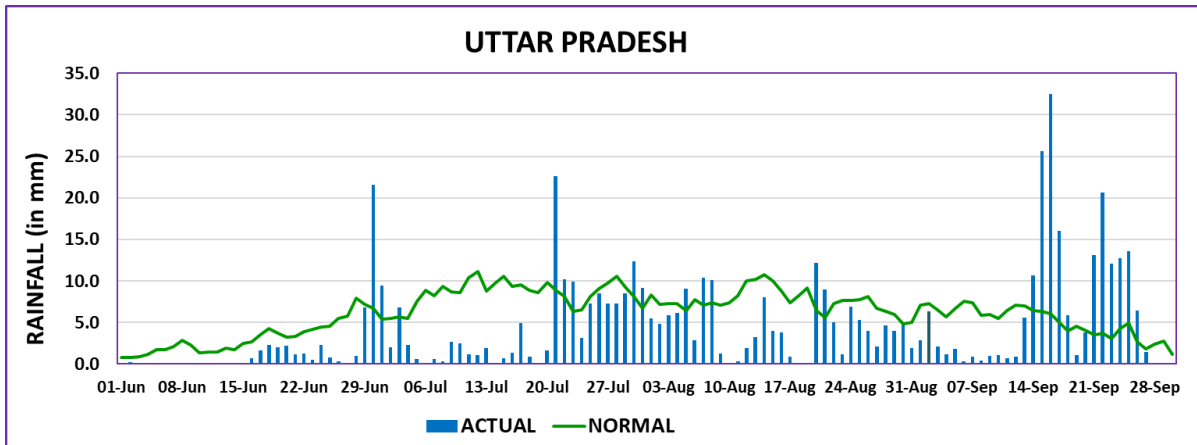
Figure 71: Uttar Pradesh - Rainfall Distribution - SW Monsoon 2022
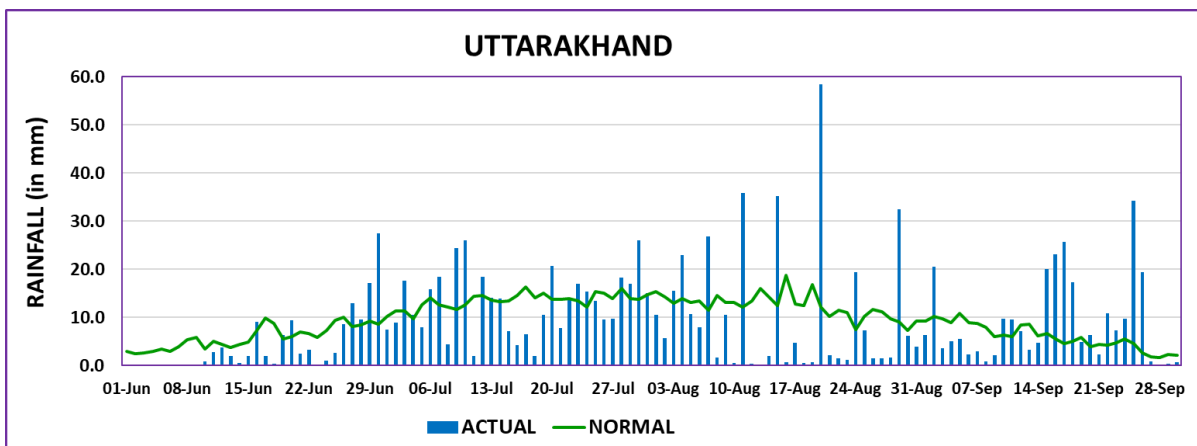
Figure 72: Uttarakhnad - Rainfall Distribution - SW Monsoon 2022
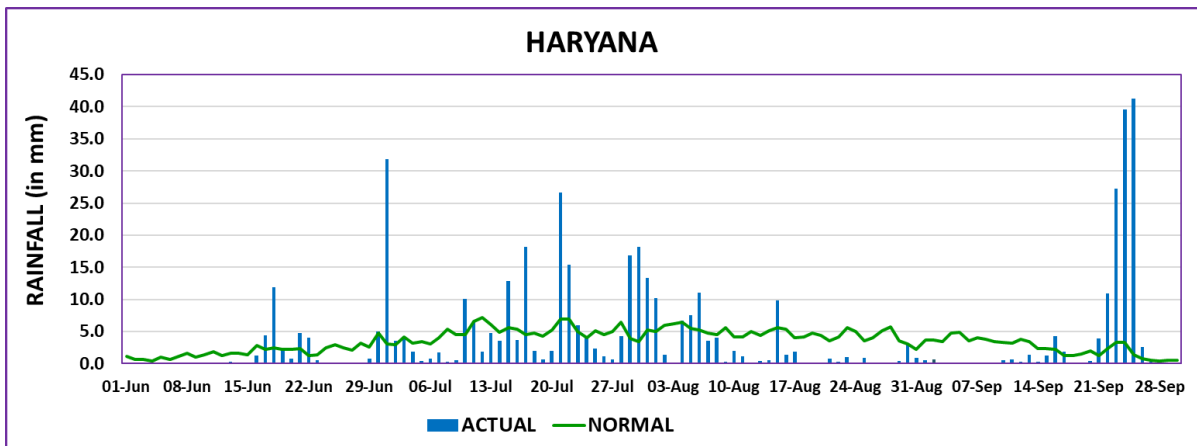
Figure 73: Haryana - Rainfall Distribution - SW Monsoon 2022

STATE-WISE RAINFALL STATISTICS
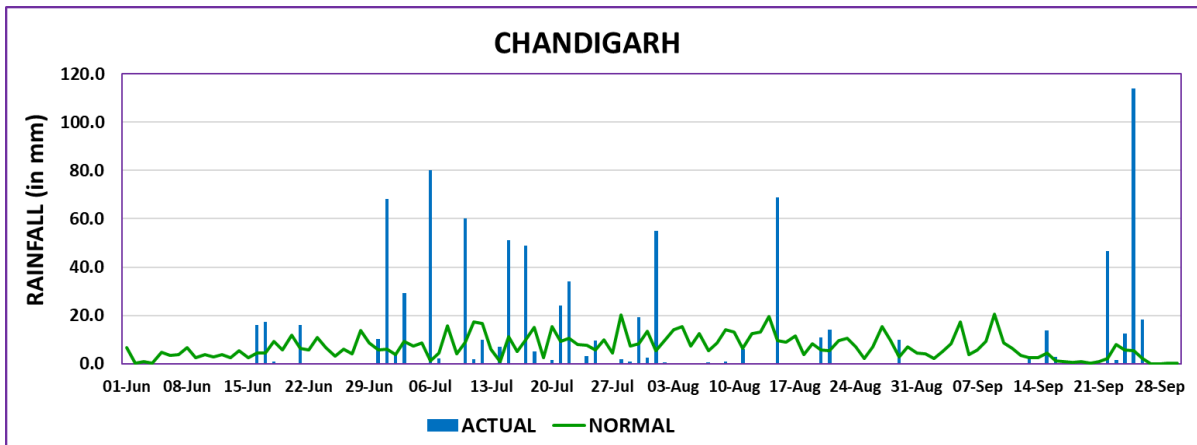
Figure 74: Chandigarh - Rainfall Distribution - SW Monsoon 2022
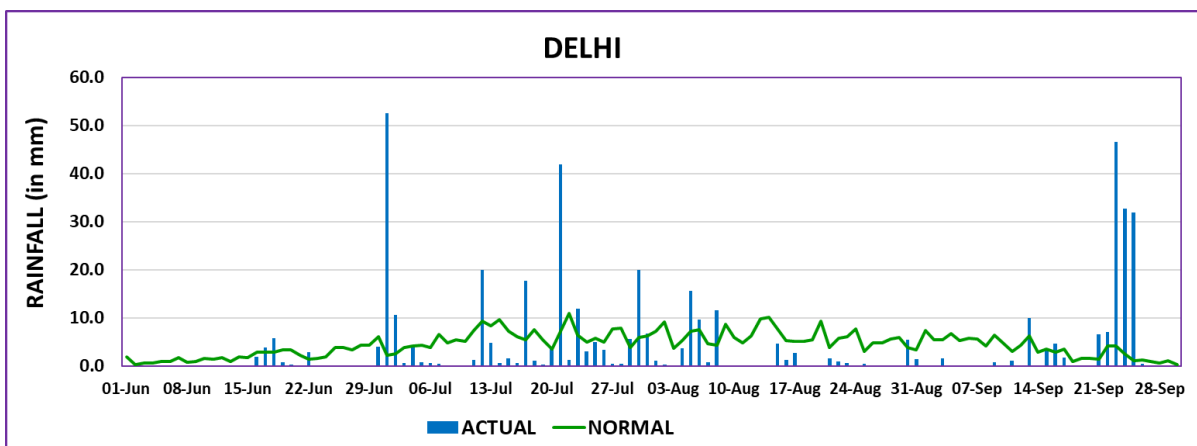
Figure 75: Delhi - Rainfall Distribution - SW Monsoon 2022
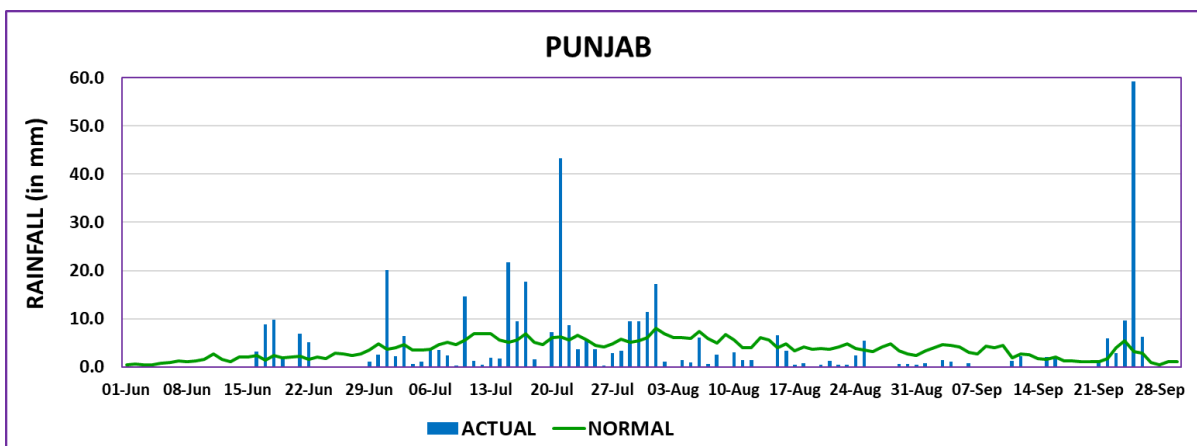
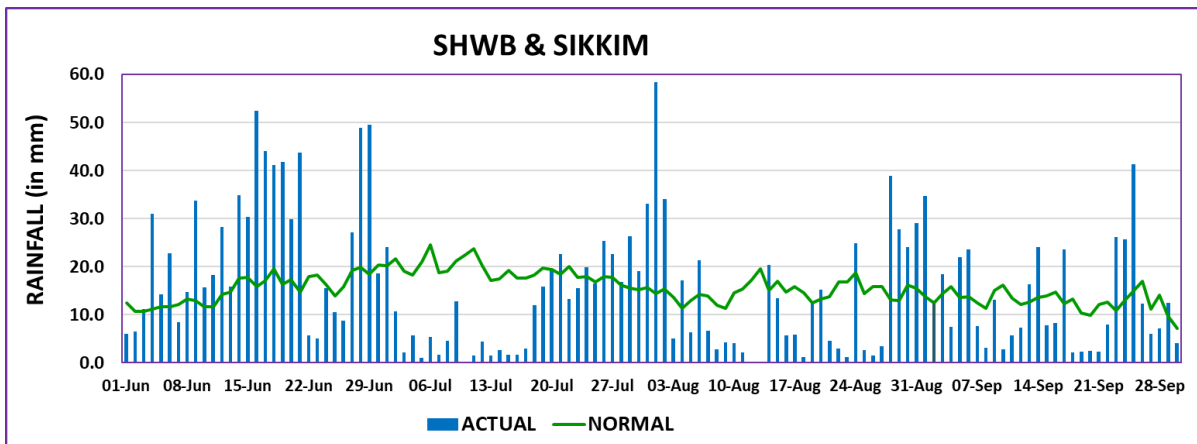**Figure 76: Punjab - Rainfall Distribution - SW Monsoon 2022**
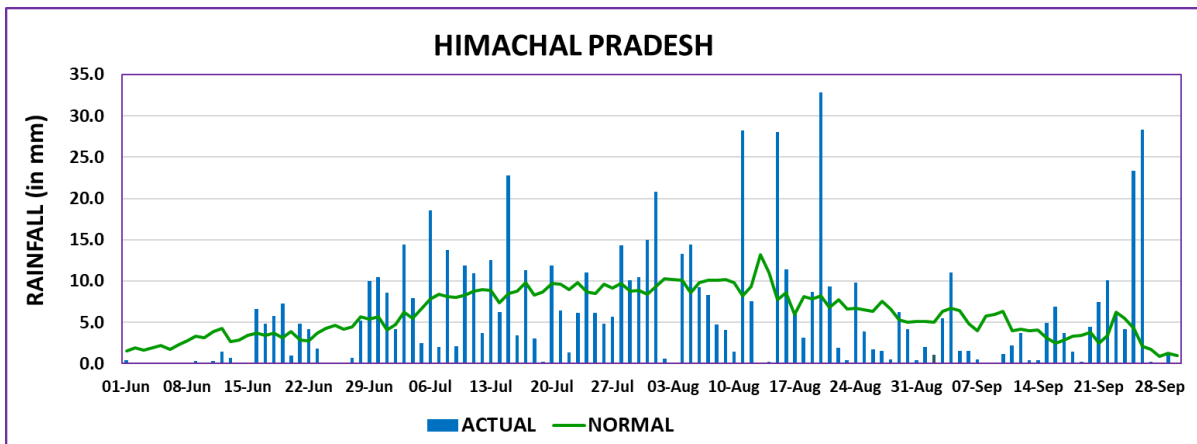
Figure 77: Himachal Pradesh - Rainfall Distribution - SW Monsoon 2022
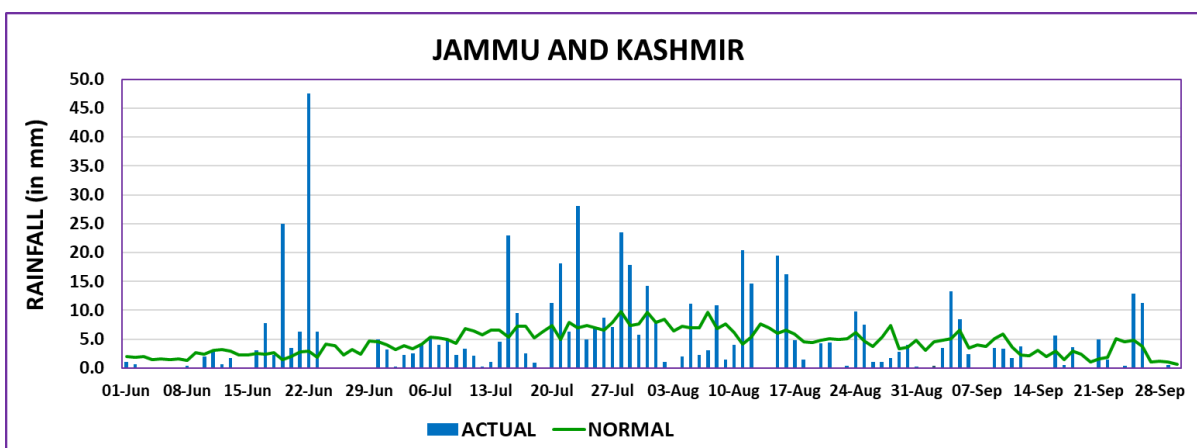
Figure 78: Jammu & Kashmir - Rainfall Distribution - SW Monsoon 2022
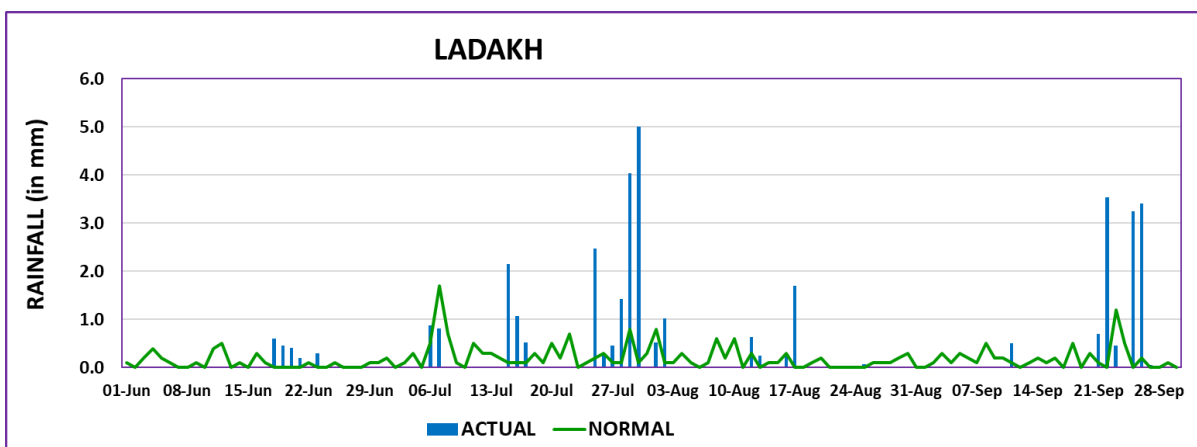
Figure 79: LADAKH - Rainfall Distribution - SW Monsoon 2022
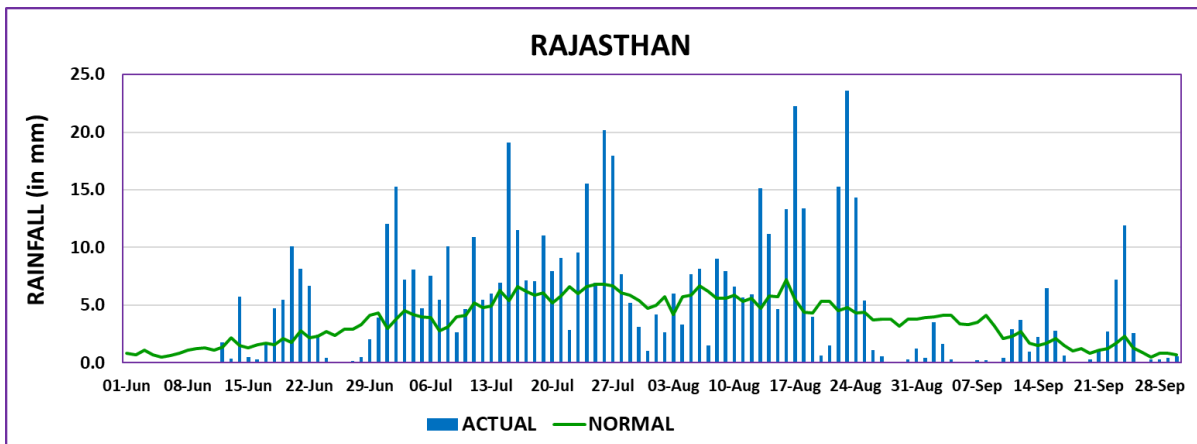
Figure 80: Rajasthan - Rainfall Distribution - SW Monsoon 2022

REGION: CENTRAL INDIA
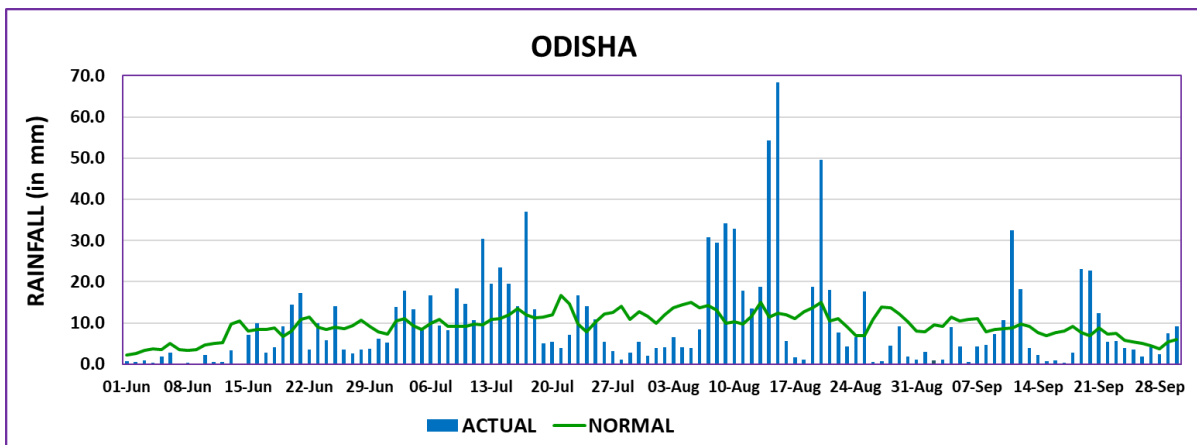
Figure 81: Odisha - Rainfall Distribution - SW Monsoon 2022
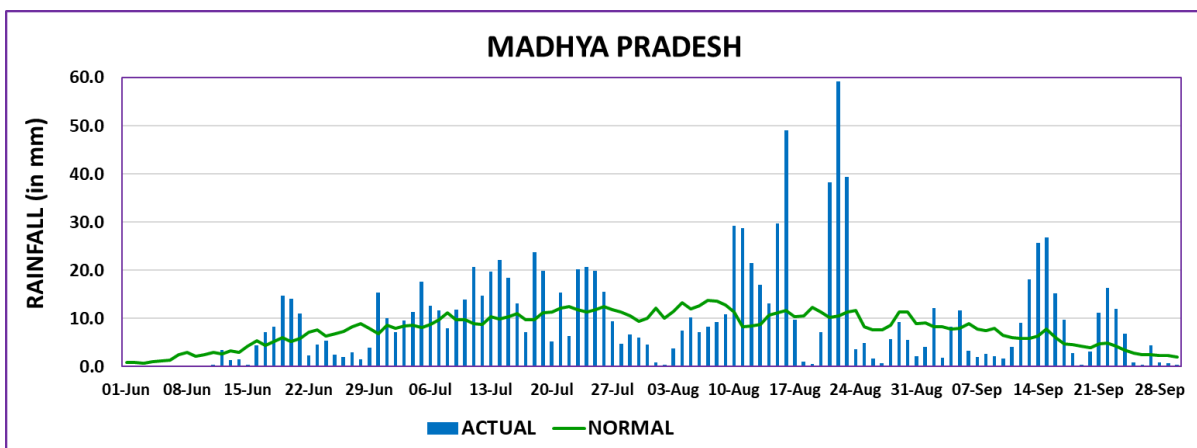
Figure 82: Madhya Pradesh - Rainfall Distribution - SW Monsoon 2022
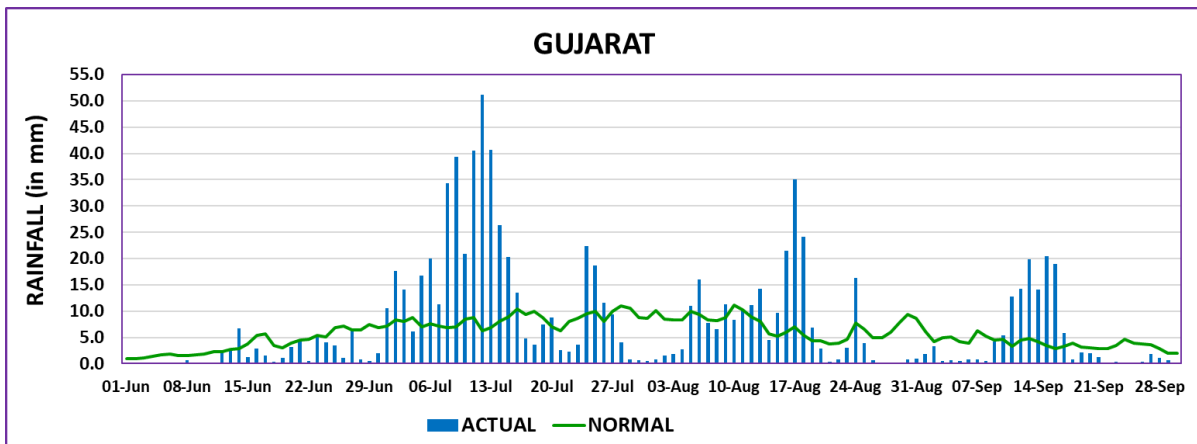
Figure 83: Gujarat - Rainfall Distribution - SW Monsoon 2022
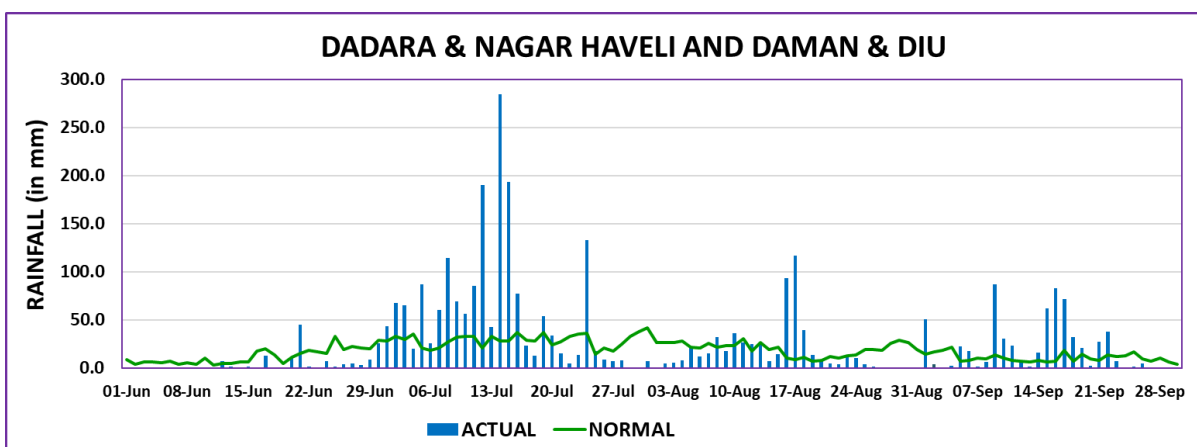
Figure 84: Dadra & Nagar Haveli and Daman & Diu - Rainfall Distribution - SW Monsoon 2022
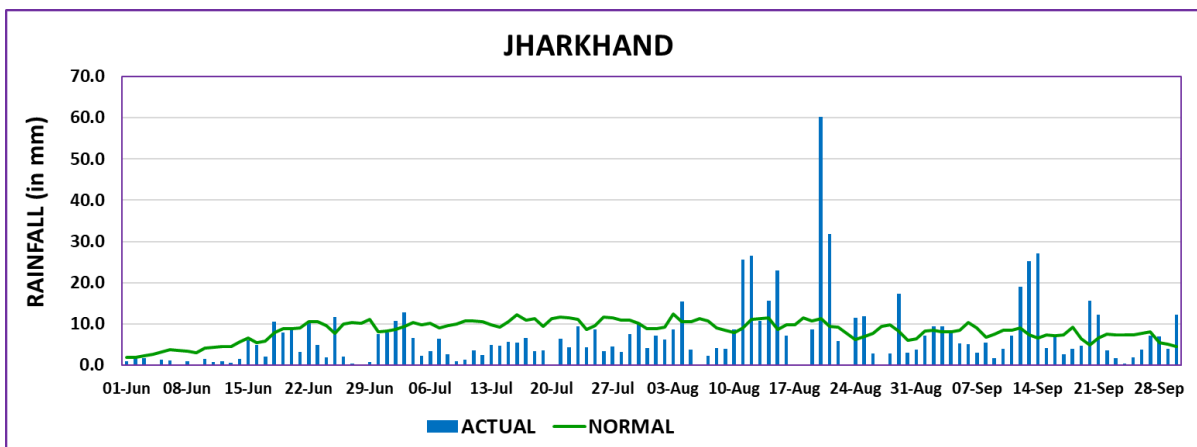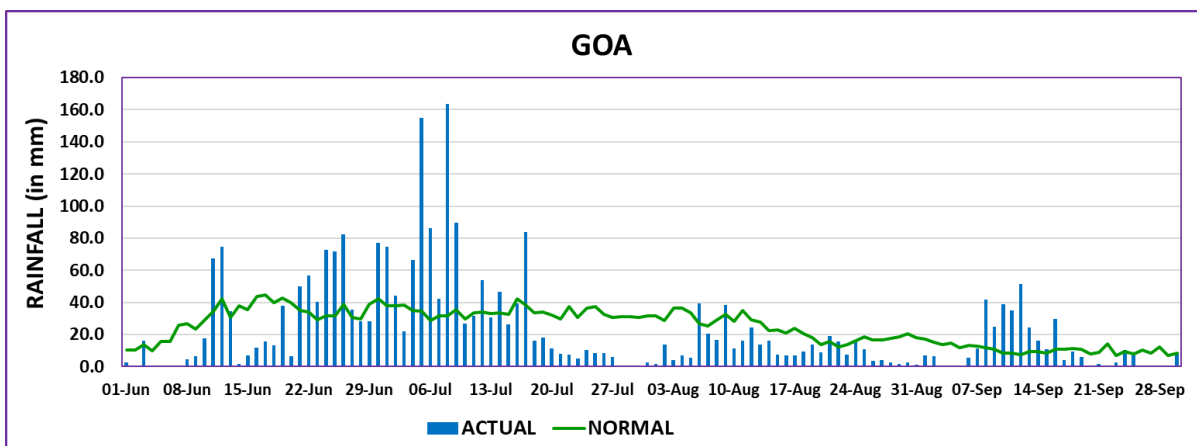

Figure 85: Goa - Rainfall Distribution - SW Monsoon 2022

STATE-WISE RAINFALL STATISTICS
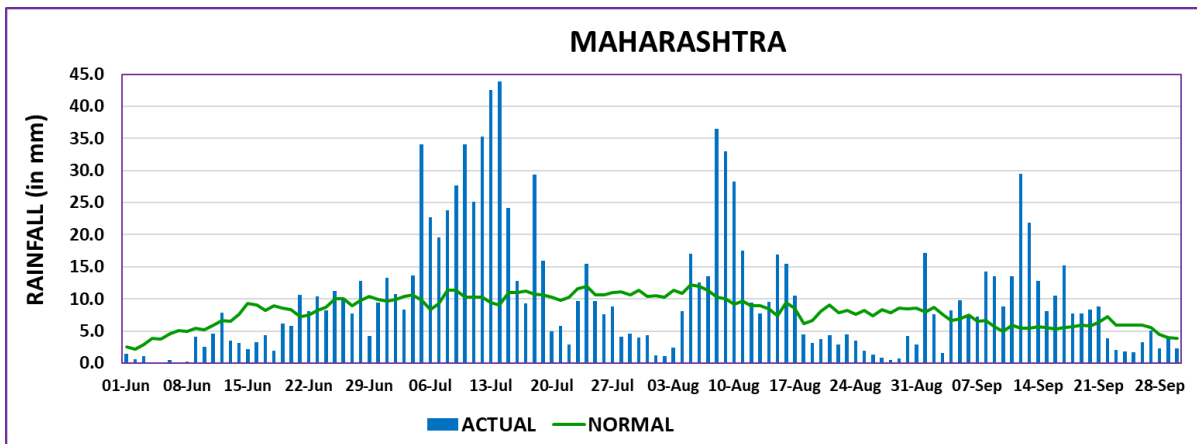
MAHARASHTRA

Figure 86: Maharashtra - Rainfall Distribution - SW Monsoon 2022
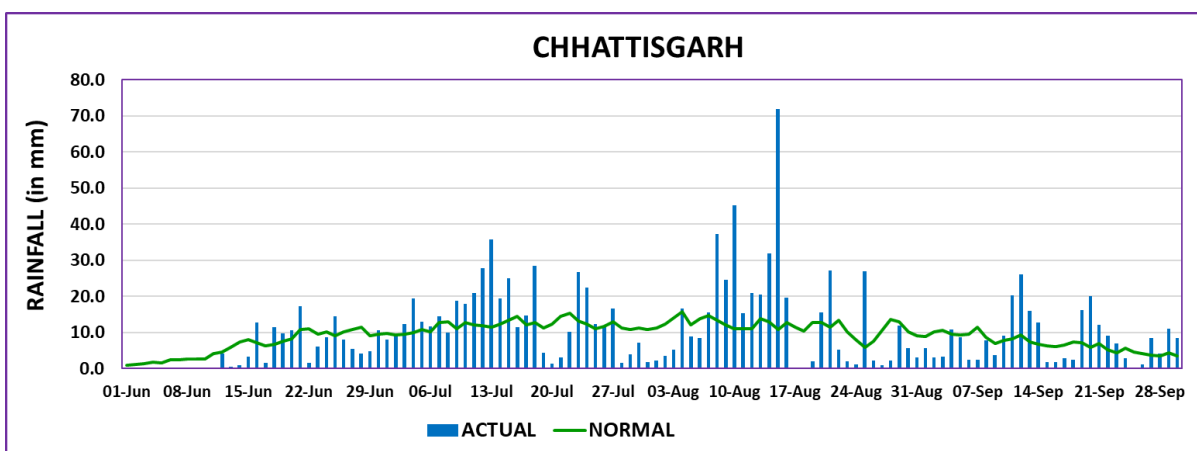
CHHATTISGARH

Figure 87: Chhattisgarh - Rainfall Distribution - SW Monsoon 2022

REGION: SOUTH PENINSULA

ANDAMAN & NICOBAR ISLAND
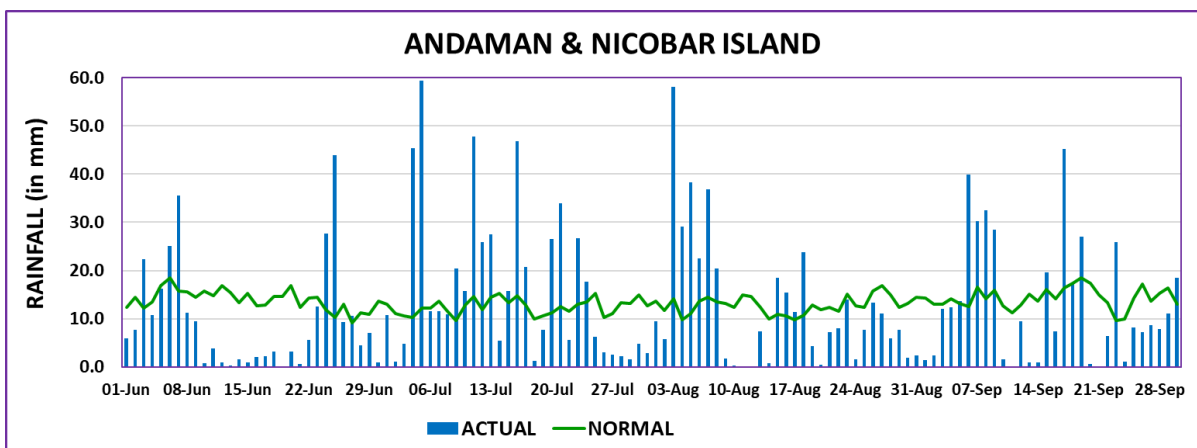
Figure 88: A & N Island - Rainfall Distribution - SW Monsoon 2022
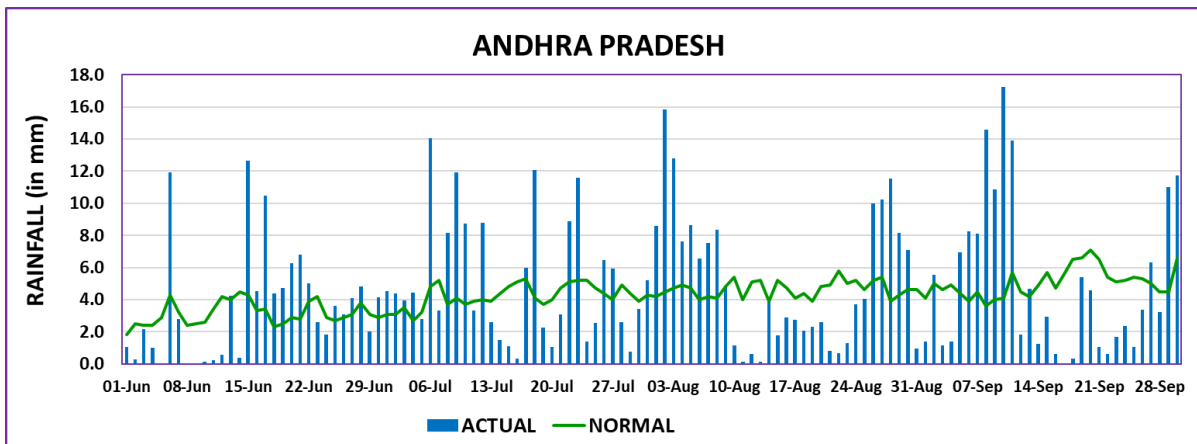
Figure 89: Andhra Pradesh - Rainfall Distribution - SW Monsoon 2022
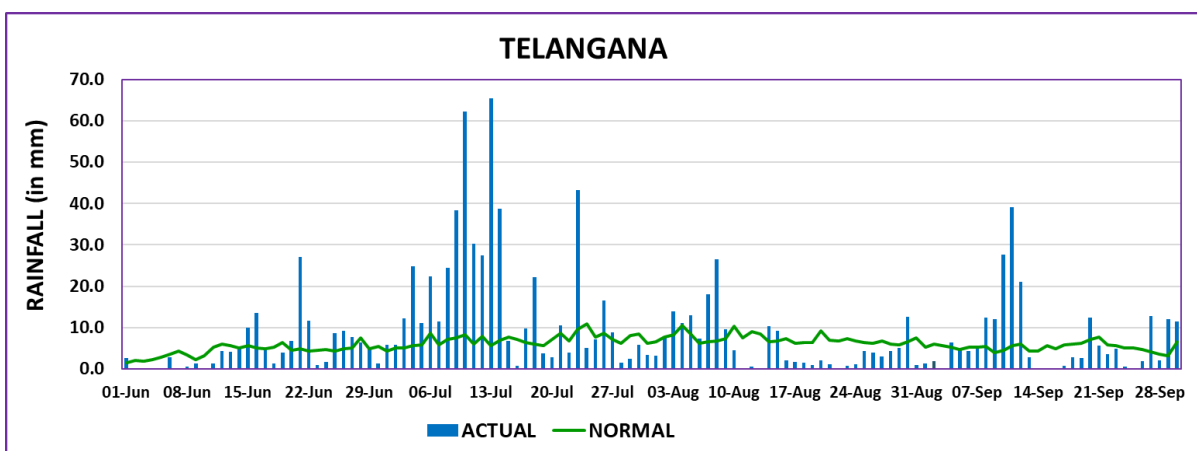
Figure 90: Telangana - Rainfall Distribution - SW Monsoon 2022
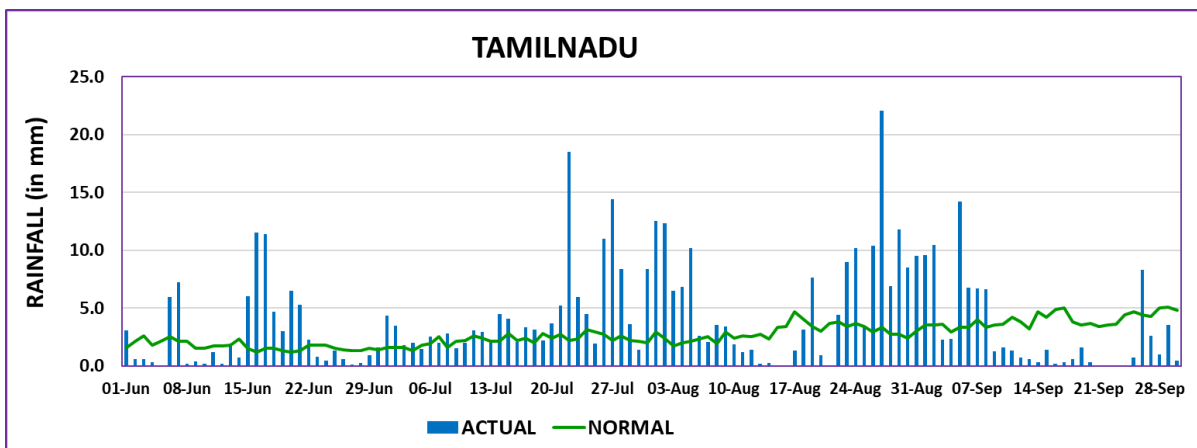
Figure 91: Tamilnadu - Rainfall Distribution - SW Monsoon 2022
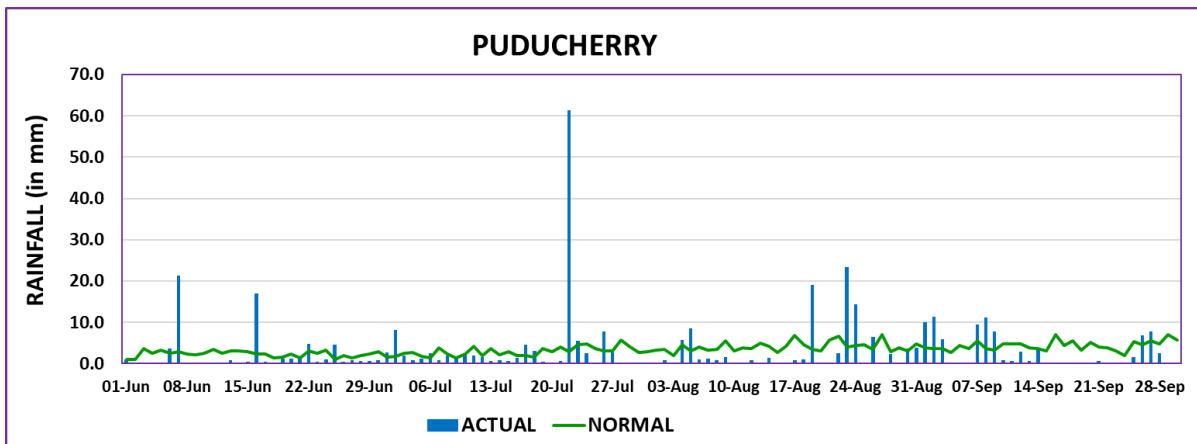
PUDUCHERRY

Figure 92: Puducherry - Rainfall Distribution - SW Monsoon 2022
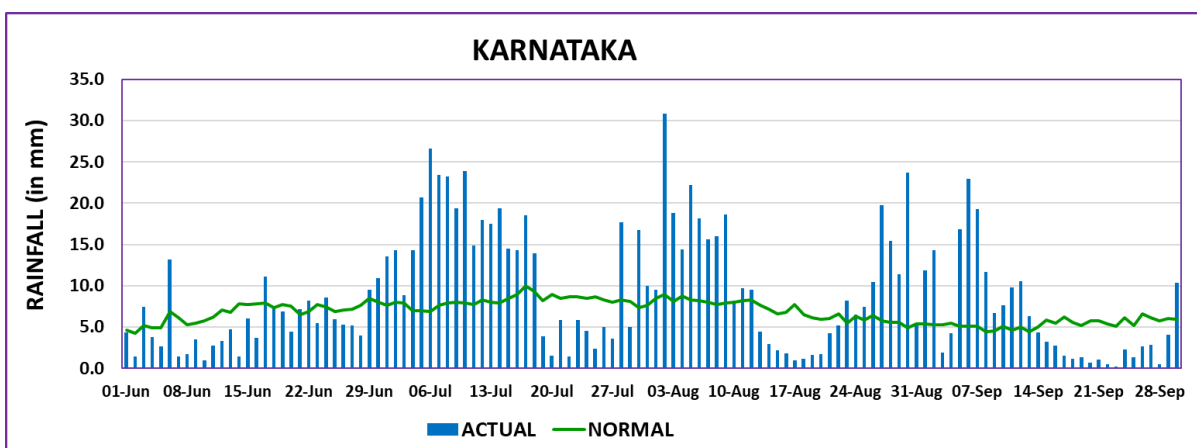
KARNATAKA

Figure 93: Karnataka - Rainfall Distribution - SW Monsoon 2022
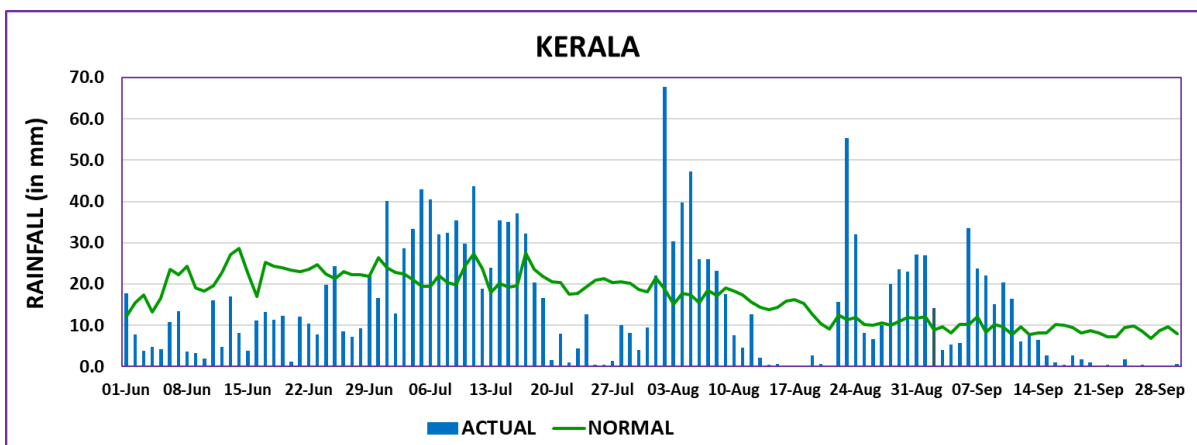
KERALA

Figure 94: Kerala - Rainfall Distribution - SW Monsoon 2022
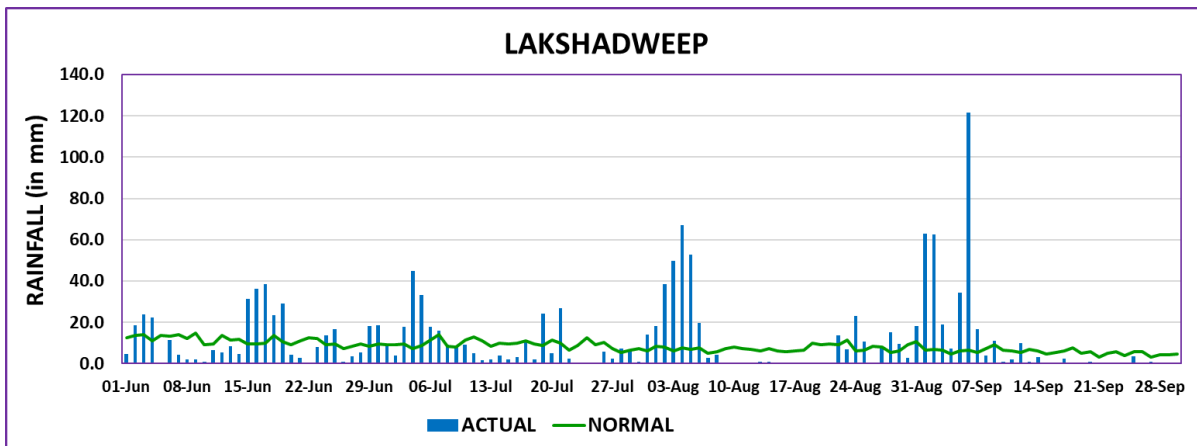
Figure 95: Lakshadweep - Rainfall Distribution - SW Monsoon 2022

REGION: EAST & NORTH EAST INDIA
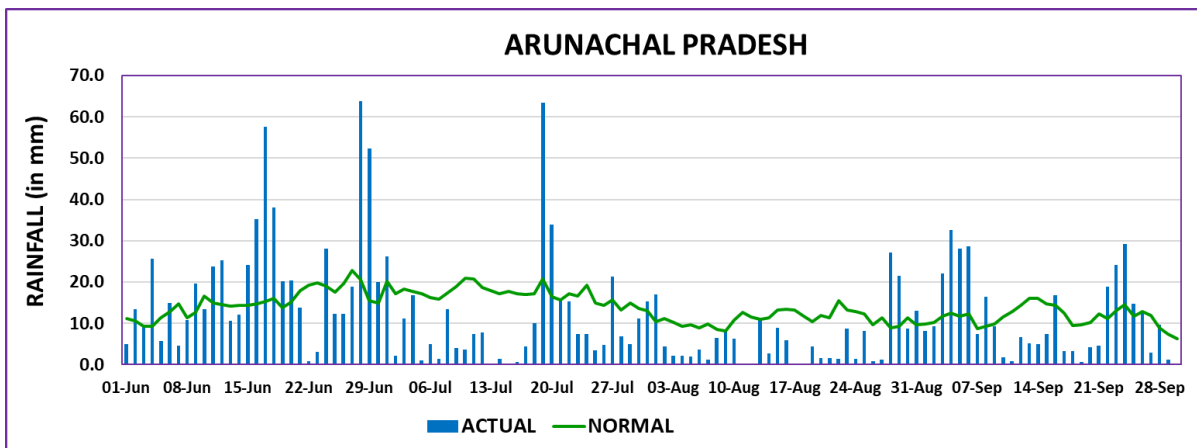
Figure 96: Arunachal Pradesh - Rainfall Distribution - SW Monsoon 2022
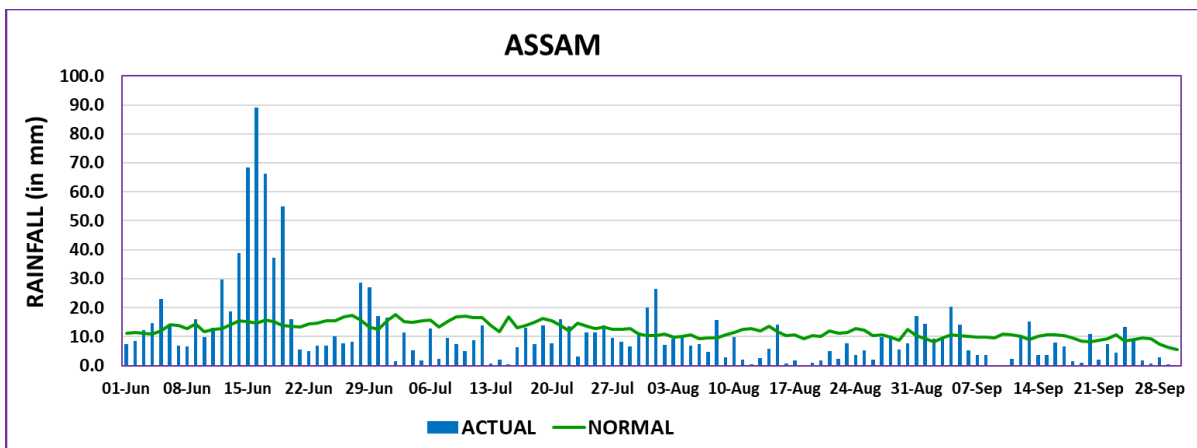
Figure 97: Assam - Rainfall Distribution - SW Monsoon 2022
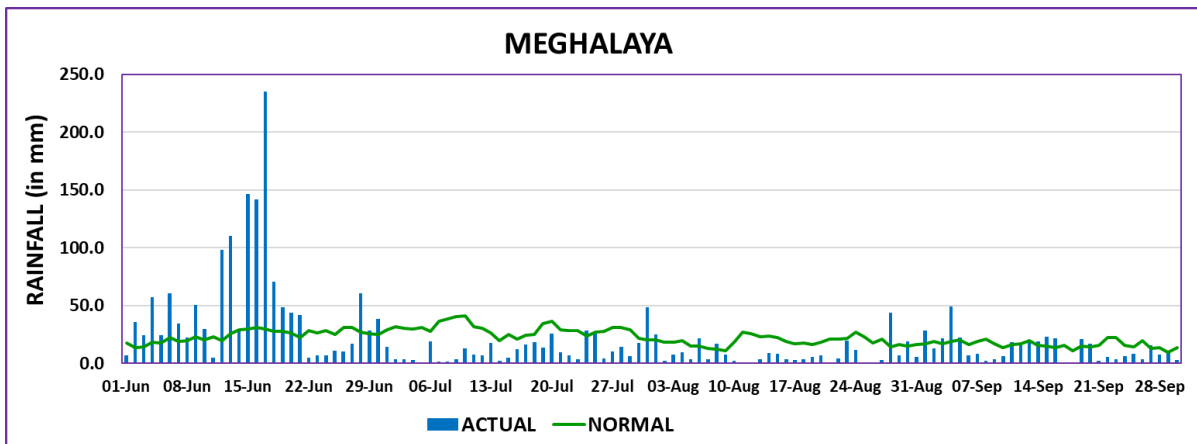
Figure 98: Meghalaya - Rainfall Distribution - SW Monsoon 2022
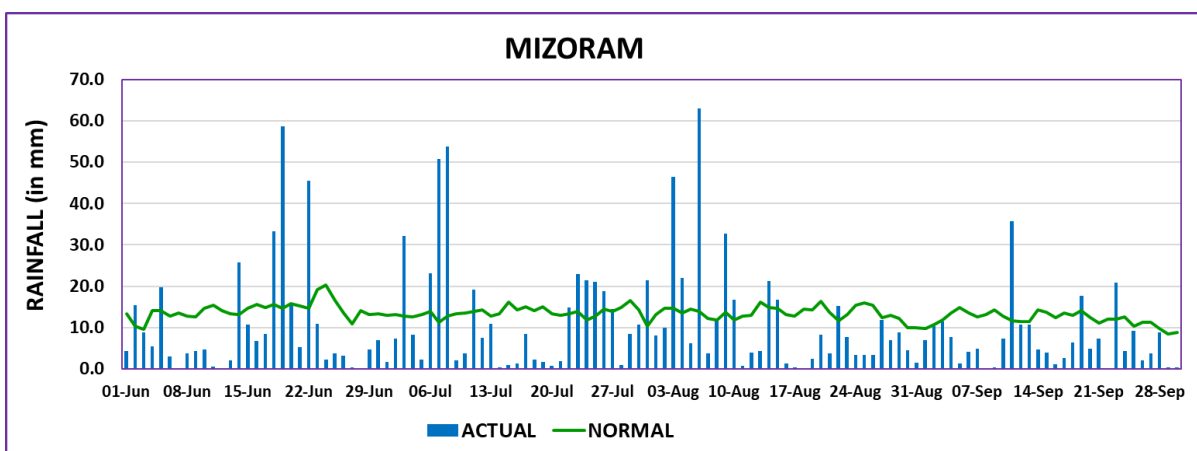
Figure 99: Mizoram - Rainfall Distribution - SW Monsoon 2022
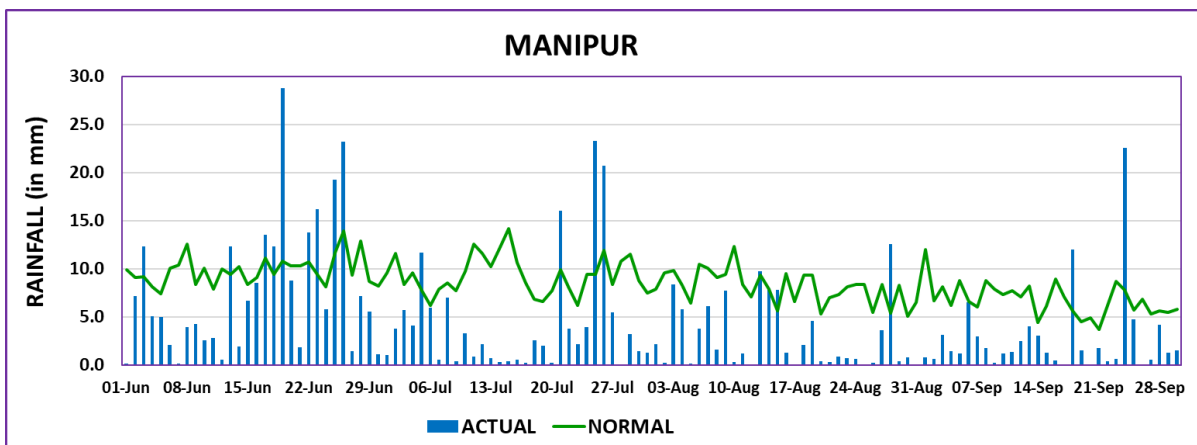
Figure 100: Manipur - Rainfall Distribution - SW Monsoon 2022
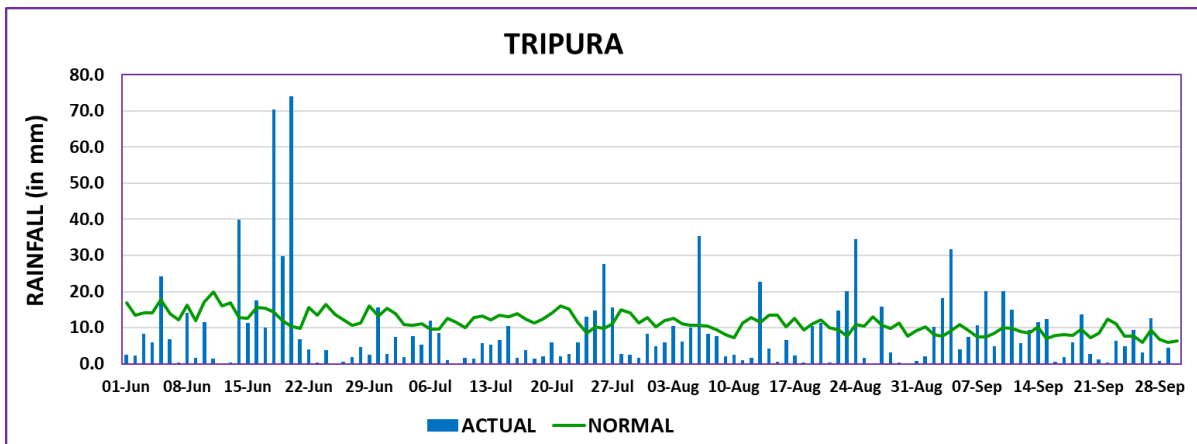
Figure 101: Tripura - Rainfall Distribution - SW Monsoon 2022
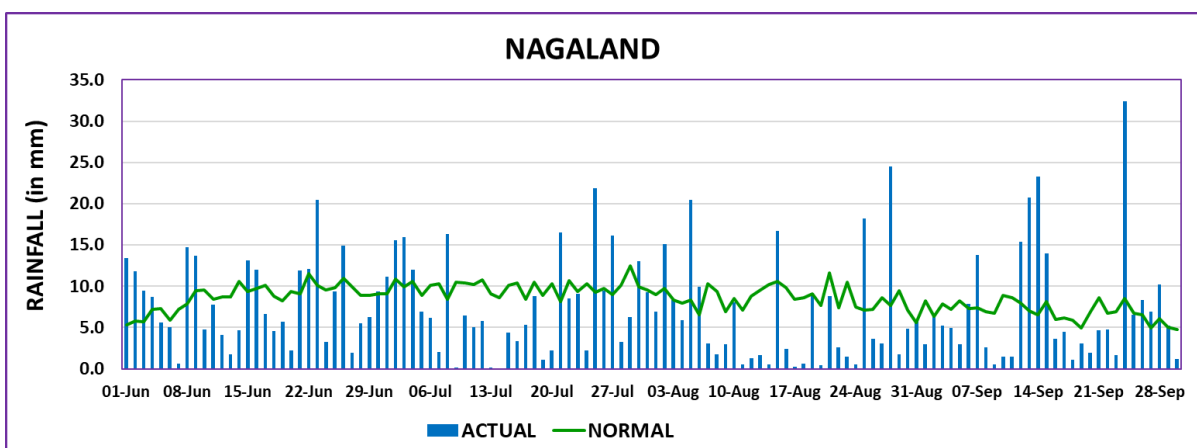
Figure 102: Nagaland - Rainfall Distribution - SW Monsoon 2022
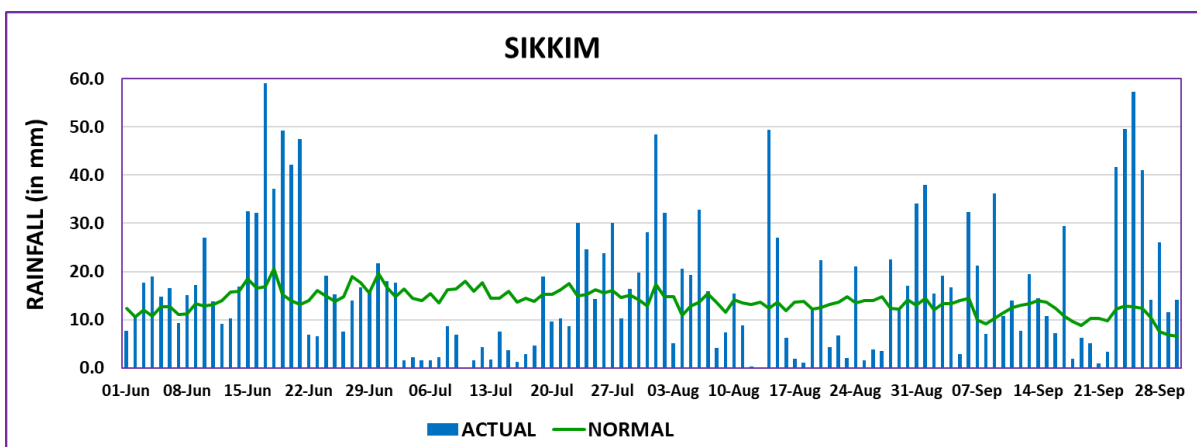
Figure 103: Sikkim- Rainfall Distribution - SW Monsoon 2022
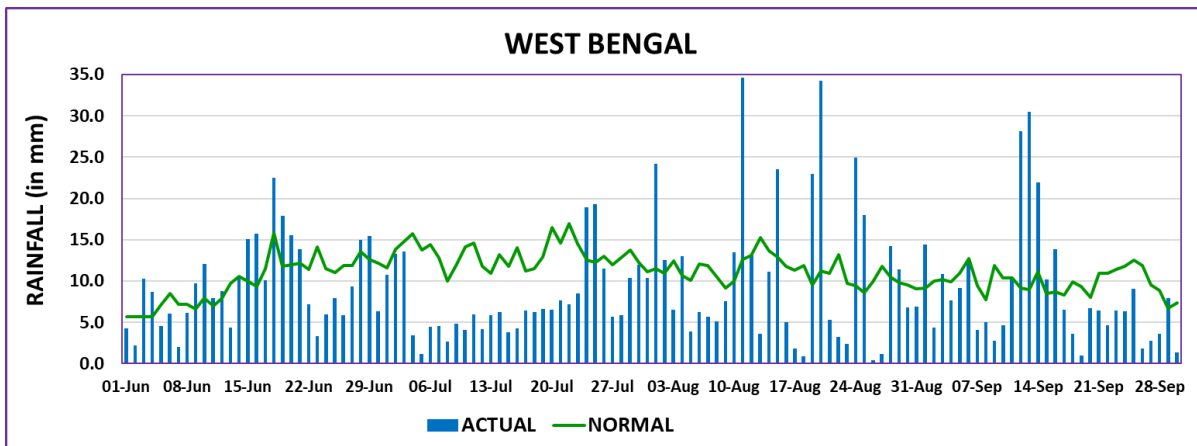
WEST BENGAL

Figure 104: West Bengal - Rainfall Distribution - SW Monsoon 2022
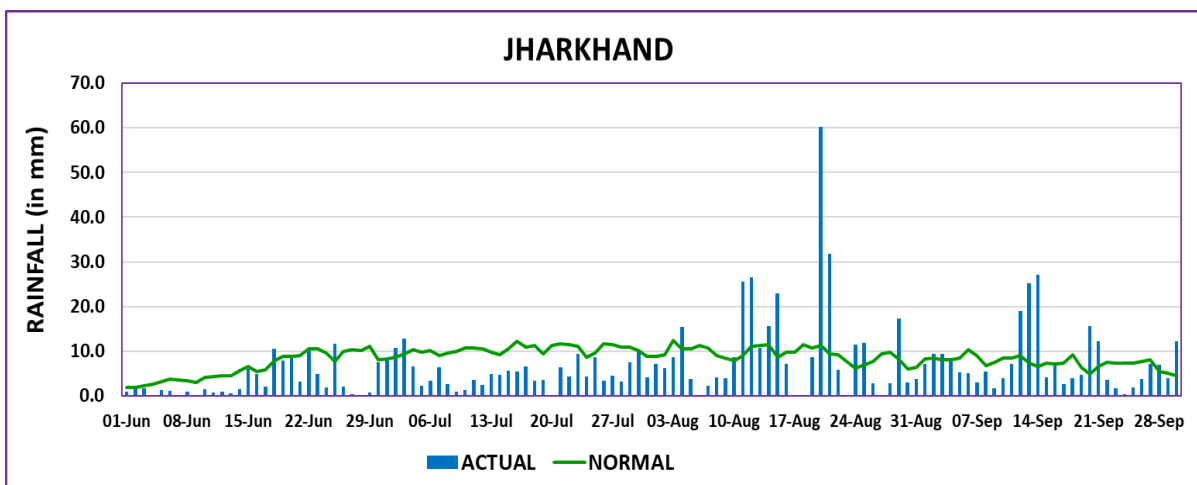
JHARKHAND

Figure 105: Jharkhand - Rainfall Distribution - SW Monsoon 2022
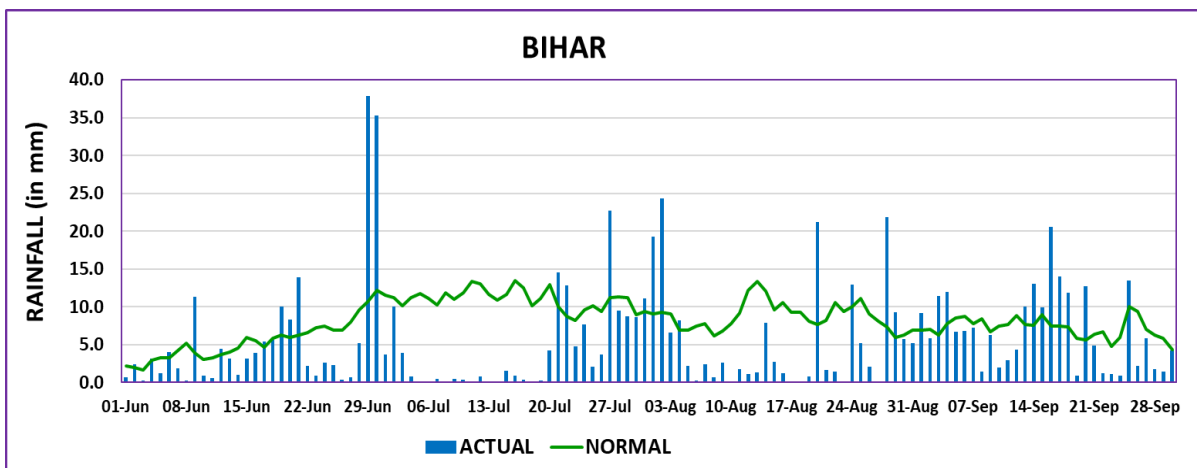
BIHAR

Figure 106: Bihar - Rainfall Distribution - SW Monsoon 2022

6. DISTRICT-WISE RAINFALL STATISTICS

6.1 SEASONAL & ANNUAL

The rainfall statistics for 703 districts of India was prepared during the year 2022. The district-wise observed seasonal and annual rainfall for the districts whose data are received throughout the year is given in Table 23. Also, the percent departures of observed rainfall from their normal have been given in Table 24. 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 8084.7 mm whereas the District Ladakh(Leh) in Ladakh(UT) received the lowest rainfall of 63.8 mm, which resembles with the normal pattern of rainfall in India.

Table 23: District-wise seasonal and annual Rainfall (mm) - Year 2022

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
A & N ISLAND	197.1	146%	783.3	72%	1591.3	-2%	666.9	-1%	3238.7	14%
NICOBAR	341.9	124%	571.0	13%	1174.1	3%	835.5	0%	2922.4	11%
NORTH & MIDDLE ANDAMAN	151.7	225%	1060.0	170%	2197.9	16%	750.8	34%	4160.3	44%
SOUTH ANDAMAN	157.3	119%	612.7	24%	1187.1	-28%	471.3	-32%	2428.3	-16%
ARUNACHAL PRADESH	132.8	0%	838.2	11%	1430.3	-15%	359.4	49%	2810.6	0%
ANJAW	181.0	19%	1100.6	7%	580.4	-63%	242.7	-1%	2104.6	-30%
CHANGLANG	97.0	12%	996.6	58%	1496.9	10%	223.5	51%	2814.0	27%
DIBANG VALLEY	218.0	-12%	982.5	-4%	987.4	-18%				
EAST KAMENG	46.0	-61%	340.1	-26%	1308.1	5%	298.0	48%	1992.2	-2%
EAST SIANG	145.6	4%	1301.1	60%	2739.1	-14%	863.3	215%	5049.1	15%
KURUNG KUMEY	143.8	-17%	1235.2	85%	1118.4	-10%	318.3	44%	2815.7	22%
LOHIT	63.8	-65%	878.6	-9%	1433.9	-8%	147.0	-50%	2523.3	-16%
LOWER DIBANG VALLEY	178.4	2%	1395.3	20%	2222.5	-5%	614.0	98%	4410.2	10%
LOWER SUBANSIRI	82.8	-43%	377.2	-13%	333.1	-55%	88.1	-26%	881.3	-39%
PAPUMPARA	121.2	96%	1208.8	68%	1776.8	-20%	539.2	177%	3645.9	14%
TAWANG	19.8	-17%	370.8	-34%	952.4	-3%	188.4	48%	1531.4	-10%
TIRAP					1352.9	-31%	74.4	-64%		
UPPER SIANG	227.6	8%	1305.7	18%	1748.7	-4%	572.6	84%	3854.6	12%
UPPER SUBANSIRI	71.6	-30%	414.1	-17%	956.1	-1%	99.8	-39%	1541.6	-11%
WEST KAMENG	57.3	20%	343.2	-22%	1267.0	-25%	350.4	70%	2017.8	-16%
WEST SIANG	158.6	51%	687.6	29%	1604.2	-20%	343.4	44%	2793.8	-3%
ASSAM & MEGHALAYA	75.5	79%	905.4	55%	1600.7	-9%	226.2	19%	2752.3	7%
ASSAM	75.8	70%	760.9	40%	1340.5	-9%	198.5	28%	2375.7	7%
BAKSA	51.1	55%	1274.2	105%	1716.3	12%	251.1	97%	3292.7	42%
BARPETA	82.8	190%	1031.8	51%	2181.7	2%	214.2	56%	3510.4	17%
BONGAIGAON	102.0	377%	1379.4	90%	2497.0	5%	192.8	17%	4171.2	27%
CACHAR	61.2	7%	1000.9	16%	1897.1	4%	138.4	-41%	3097.6	4%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
CHIRANG	103.2	178%	1063.7	55%	2821.2	16%	208.4	31%	4196.5	27%
DARRANG	60.2	37%	524.8	-4%	906.9	-31%	174.5	23%	1666.2	-19%
DHEMAJI	125.4	60%	1138.9	107%	2438.2	16%	422.8	122%	4125.2	42%
DHUBRI	60.3	107%	882.3	33%	1598.2	-24%	252.7	36%	2793.5	-6%
DIBRUGARH	91.8	30%	774.3	33%	1367.3	-9%	243.9	62%	2477.3	8%
GOALPARA	81.6	226%	757.7	11%	1654.5	-19%	278.6	40%	2772.3	-6%
GOLAGHAT	87.7	81%	359.1	-14%	799.8	-25%	156.3	9%	1402.8	-16%
HAILAKANDI	38.1	-11%	887.5	14%	1769.9	17%	162.9	-20%	2858.3	13%
JORHAT	86.1	45%	637.0	34%	1141.8	-11%	248.2	75%	2113.1	8%
KAMRUP (RURAL)	43.6	34%	547.2	7%	1102.9	-15%	155.9	7%	1849.6	-7%
KAMRUP METRO.	76.0	214%	421.3	-7%	866.8	-17%	170.7	39%	1534.9	-7%
KARBI ANGLONG	67.4	114%	282.4	-4%	635.5	-24%	165.8	27%	1151.1	-11%
KARIMGANJ	94.2	45%	1488.2	54%	2562.2	19%	221.3	-5%	4365.8	28%
KOKRAJHAR	63.0	131%	1283.7	89%	2745.8	3%	379.0	121%	4471.4	26%
LAKHIMPUR	118.5	44%	894.2	58%	1866.4	-8%	458.4	185%	3337.4	17%
MORIGAON	54.6	53%	314.0	-7%	638.2	-43%	156.6	21%	1163.4	-29%
N. C. HILLS	76.9	111%	1117.4	101%	811.9	-20%	83.5	-52%	2089.7	17%
NAGAON	51.0	34%	179.8	-54%	470.4	-54%	107.9	-16%	809.1	-49%
NALBARI	70.0	96%	985.3	64%	1586.6	-2%	207.0	43%	2848.9	19%
SHONITPUR	57.5	48%	691.4	50%	879.4	-25%	147.3	17%	1775.7	-2%
SIBSAGAR	92.4	43%	604.2	29%	1136.1	-4%	121.4	-7%	1954.1	6%
TINSUKIA	99.7	31%	790.9	28%	1477.3	0%	146.6	-7%	2514.5	8%
UDALGURI	112.1	226%	1039.6	113%	1238.8	-13%	180.2	27%	2570.7	23%
MEGHALAYA	74.3	116%	1433.8	100%	2477.2	-8%	319.5	4%	4216.1	12%
EAST GARO HILLS	107.9	439%	1223.2	74%	3474.8	85%	458.4	134%	5264.2	88%
EAST JAINTIA HILLS	90.7	10%	2658.5	163%	3606.0	-20%	386.5	-44%	6741.7	8%
EAST KHASI HILLS	62.2	62%	2728.8	142%	4871.4	11%	422.3	19%	8084.7	37%
NORTH GARO HILLS					1094.6	-41%	199.9	16%		
RI-BHOI	100.1	345%	477.8	-12%	950.4	-42%	248.8	-7%	1777.1	-28%
SOUTH GARO HILLS	27.3	126%	727.2	43%	2161.8	17%	235.8	36%	3152.0	24%
SOUTH WEST GARO HILLS					1204.6	-35%	265.0	53%		
SOUTH WEST KHASI HILLS			3087.9	505%	4182.2	126%	430.0	149%		
WEST GARO HILLS	60.0	183%	1011.0	59%	1545.4	-17%	345.2	80%	2961.6	9%
WEST JAINTIA HILLS	66.3	-19%	1802.6	78%	2340.6	-48%	219.0	-68%	4428.4	-29%
WEST KHASI HILLS	82.5	115%	766.7	22%	2051.2	-22%	281.5	7%	3181.8	-11%
NMMT	49.1	54%	419.2	-12%	943.4	-28%	162.3	-18%	1564.6	-22%
NAGALAND	78.0	140%	405.2	19%	899.1	-13%	115.6	-21%	1456.0	-6%
DIMAPUR	58.8	164%	376.6	59%	729.9	-12%	106.3	-23%	1271.5	4%
KIPHIRE	61.8	225%	269.0	48%	604.7	-1%	102.1	-5%	1037.4	13%
KOHIMA	84.1	110%	335.4	-10%	617.7	-50%	85.0	-53%	1122.1	-39%
LONGLENG	35.7	0%	367.0	0%	1051.2	-1%	83.4	-42%	1537.3	-4%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
MOKOKCHUNG	84.9	141%	553.6	16%	1141.1	-18%	114.4	-31%	1893.9	-9%
MON	55.8	8%	813.0	93%	890.7	-15%				
PAREN	98.5	321%	441.5	47%	910.6	-4%	77.9	-52%	1528.4	7%
PHEK	44.5	83%	211.8	-21%	669.9	-20%	150.1	-2%	1076.3	-16%
TUENSANG	97.0	171%	287.0	-22%	1021.4	-4%	87.9	-39%	1493.3	-7%
WOKHA	86.4	121%	515.3	34%	1066.8	-14%	152.2	-9%	1820.7	-1%
ZUNHEBOTO	95.5	273%	532.8	81%	1457.4	35%	204.2	99%	2289.8	53%
MANIPUR	60.8	59%	441.9	22%	544.7	-48%	177.9	-3%	1225.2	-25%
BISHNUPUR	36.1	-9%	470.1	12%	528.3	-54%	155.8	-16%	1190.3	-34%
CHANDEL	38.6	-3%	280.1	-33%	506.3	-56%	196.5	6%	1021.4	-43%
CHURACHANDPUR	24.2	-39%	441.7	5%	378.8	-67%	134.3	-28%	979.0	-45%
IMPHAL EAST	61.1	42%	400.7	12%	578.4	-21%	100.5	-35%	1140.6	-12%
IMPHAL WEST	57.9	53%	626.3	-8%	1254.7	-27%	163.0	-15%	2101.9	-20%
SENAPATI	90.6	291%	639.2	151%	620.3	-19%	148.7	-13%	1498.7	23%
TAMENGLONG	254.5	12%	1470.3	30%	1775.9	-56%	331.1	-17%	3831.8	-34%
THOUBAL	47.5	10%	390.5	10%	384.9	-48%	91.0	-41%	913.8	-29%
UKHRUL	97.0	81%	406.3	53%	618.8	-40%	255.2	26%	1377.3	-12%
MIZORAM	23.6	-16%	393.5	-30%	1264.1	-22%	152.1	-39%	1833.3	-26%
AIZWAL	23.5	-23%	419.8	-34%	1203.6	-26%	138.6	-42%	1785.5	-29%
CHAMPHAI	8.9	-69%	331.8	-27%	1046.6	-23%	121.7	-47%	1509.0	-27%
KOLASIB	38.4	0%	677.5	4%	1848.1	6%	191.7	-21%	2755.7	3%
LAWNGTLAI	19.7	-32%	293.1	-36%	1182.5	-30%	186.1	-31%	1681.3	-31%
LUNGLEI	8.8	-59%	336.1	-30%	1111.5	-37%	114.1	-56%	1570.5	-38%
MAMIT	31.3	19%	530.0	-32%	1633.7	3%	151.2	-30%	2346.2	-10%
SAIHA	80.2	155%	343.0	-40%	1354.4	-22%	280.9	-8%	2058.4	-22%
SERCHHIP	23.8	-16%	315.9	-37%	1106.7	-26%	151.9	-35%	1598.3	-29%
TRIPURA	31.2	2%	455.8	-31%	1058.2	-24%	227.5	12%	1772.8	-23%
DHALAI	32.3	25%	468.2	-33%	1111.8	-17%	260.6	40%	1872.9	-16%
GOMATI	21.0	-34%	179.4	-71%	874.7	-38%	247.7	17%	1322.7	-42%
KHOWAI	32.7	-1%	331.8	-52%	971.4	-25%	163.5	-21%	1499.3	-33%
NORTH TRIPURA	46.5	35%	565.2	-27%	1406.3	-1%	258.1	27%	2276.1	-6%
SIPAHIJALA	27.6	17%	386.4	-35%	942.9	-29%	249.4	23%	1606.3	-25%
SOUTH TRIPURA	23.9	-29%	594.6	4%	949.0	-43%	164.2	-24%	1731.6	-30%
UNAKOTI	51.4	20%	598.2	-30%	1277.6	-11%	246.0	15%	2173.2	-14%
WEST TRIPURA	23.3	-18%	597.5	4%	945.4	-21%	199.5	4%	1765.7	-11%
SHWB & SIKKIM	84.8	95%	589.3	34%	1887.0	0%	203.1	21%	2764.1	9%
SIKKIM	175.3	73%	829.9	36%	1995.0	19%	300.5	63%	3300.7	28%
EAST SIKKIM	65.7	27%	671.9	2%	1714.5	-9%	167.0	5%	2619.0	-5%
NORTH SIKKIM	259.9	85%	1091.3	54%	2257.2	35%	423.3	94%	4031.6	47%
SOUTH SIKKIM	52.4	57%	328.5	-19%	1327.1	-21%	108.4	19%	1816.3	-18%
WEST SIKKIM	37.4	-15%	334.6	-3%	1703.7	13%	88.3	-38%	2163.9	6%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
WEST BENGAL	69.0	150%	241.6	6%	1123.6	-16%	124.6	-28%	1558.8	-12%
COOCH BEHAR	62.3	160%	950.4	106%	2219.2	-6%	158.5	-10%	3390.4	12%
DARJEELING	44.7	36%	425.7	-4%	2532.8	1%	205.8	23%	3209.0	2%
JALPAIGURI	53.2	89%	754.7	34%	2946.9	-1%	262.7	30%	4017.5	7%
MALDA	72.9	319%	190.1	-9%	525.6	-56%	90.9	-40%	879.5	-44%
NORTH DINAJPUR	39.3	274%	261.0	-13%	960.2	-36%	128.3	-10%	1388.8	-29%
SOUTH DINAJPUR	60.1	242%	172.2	-25%	745.3	-30%	82.6	-30%	1060.3	-26%
GANGETIC WEST BENGAL	73.4	150%	153.5	-18%	885.7	-24%	109.3	-38%	1222.0	-22%
BANKURA	92.8	261%	126.9	-33%	882.5	-24%	97.6	-41%	1199.7	-22%
BIRBHUM	100.0	416%	175.8	5%	638.7	-44%	133.8	1%	1048.3	-28%
BURDWAN	77.3	191%	170.9	2%	746.4	-30%	95.1	-29%	1089.7	-22%
EAST MIDNAPORE	65.2	64%	188.9	-8%	1313.1	2%	138.6	-45%	1705.9	-5%
HOOGHLY	55.8	88%	174.4	-5%	791.4	-25%	93.7	-36%	1115.2	-21%
HOWRAH	68.9	95%	182.9	-5%	800.7	-32%	153.1	0%	1205.5	-23%
KOLKATA	43.8	8%	242.5	7%	905.5	-33%	133.3	-35%	1325.1	-27%
MURSHIDABAD	69.7	341%	127.3	-30%	557.8	-44%	90.8	-42%	845.5	-38%
NADIA	58.2	160%	127.3	-26%	476.7	-50%	54.8	-67%	717.1	-46%
NORTH 24 PARGANAS	54.7	60%	224.2	17%	770.6	-33%	109.8	-48%	1159.3	-27%
PURULIA	77.2	220%	106.0	-38%	968.2	-13%	117.7	-18%	1269.0	-12%
SOUTH 24 PARGANAS	68.2	98%	163.1	-21%	1209.8	-16%	110.0	-55%	1551.0	-19%
WEST MIDNAPORE	73.9	92%	137.1	-33%	966.1	-17%	127.4	-19%	1304.4	-17%
ODISHA	53.4	113%	90.8	-29%	1196.6	4%	125.8	-11%	1466.7	2%
ANGUL	41.0	58%	72.8	-36%	995.8	-11%	115.6	4%	1225.2	-11%
BALASORE	55.3	41%	87.5	-63%	1199.2	-2%	209.4	-8%	1551.4	-10%
BARGARH	35.5	67%	26.3	-53%	1144.1	-4%	73.9	10%	1279.7	-4%
BHADRAK	66.0	112%	106.4	-47%	861.0	-21%	214.2	-1%	1247.7	-19%
BOLANGIR	44.3	129%	30.3	-54%	1014.9	-7%	59.9	-13%	1149.3	-8%
BOUDHGARH	36.4	102%	87.4	16%	1346.0	30%	88.2	4%	1558.0	28%
CUTTACK	56.7	92%	110.7	-27%	1128.7	-2%	196.4	7%	1492.5	-1%
DEOGARH	52.7	75%	104.3	10%	1312.8	12%	82.2	-16%	1552.0	11%
DHENKANAL	64.2	147%	121.2	-17%	1290.1	17%	117.6	-23%	1593.0	12%
GAJAPATI	54.6	96%	157.1	-26%	1112.7	23%	208.9	-7%	1533.2	12%
GANJAM	40.1	50%	99.6	-31%	966.8	10%	262.5	5%	1369.0	5%
JAGATSINGHPUR	29.0	29%	44.9	-68%	1170.0	10%	197.2	-15%	1441.0	-1%
JAJPUR	67.2	133%	139.2	-30%	1180.8	-5%	146.4	-22%	1533.7	-7%
JHARSUGUDA	100.1	227%	47.0	-27%	1081.1	-9%	75.4	-3%	1303.6	-4%
KALAHANDI	60.5	258%	45.9	-47%	1372.6	0%	79.4	-12%	1558.4	-1%
KANDHAMAL	81.1	154%	130.2	-13%	1709.8	48%	165.7	-3%	2086.8	38%
KENDRAPARA	33.1	46%	76.1	-52%	1095.0	-1%	214.6	-16%	1418.7	-8%
KEONJHARGARH	50.5	44%	121.7	-30%	1082.2	-5%	95.3	-33%	1349.6	-9%
KHURDA	47.5	75%	116.6	-15%	1016.4	-7%	143.9	-31%	1324.5	-9%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
KORAPUT	34.5	198%	168.0	24%	1619.6	30%	189.2	25%	2011.3	31%
MALKANGIRI	27.9	349%	81.2	-17%	1372.1	8%	49.7	-64%	1531.0	1%
MAYURBHANJ	51.9	48%	120.3	-43%	1153.2	-4%	120.9	-19%	1446.3	-10%
NAWAPARA	71.2	271%	38.6	-44%	1081.4	7%	38.5	-49%	1229.7	5%
NAWARANGPUR	80.6	363%	83.5	-35%	1476.3	8%	62.8	-46%	1703.1	5%
NAYAGARH	35.1	6%	118.2	-20%	1204.1	12%	193.4	1%	1550.8	7%
PURI	17.1	-34%	60.9	-47%	983.6	-5%	210.4	-8%	1272.0	-9%
RAYAGADA	76.5	210%	94.8	-42%	1129.3	16%	121.7	-17%	1422.3	9%
SAMBALPUR	47.0	67%	73.0	6%	1164.4	-8%	86.3	8%	1370.7	-5%
SONEPUR	46.1	110%	25.9	-61%	1074.8	-10%	43.6	-35%	1190.3	-12%
SUNDARGARH	82.7	189%	64.3	-18%	1054.3	-12%	79.5	-4%	1280.9	-7%
JHARKHAND	63.1	149%	72.2	-13%	817.6	-20%	91.7	3%	1044.5	-14%
BOKARO	67.9	195%	47.0	-41%	890.8	-2%	93.4	1%	1099.2	-1%
CHATRA	17.4	-17%	17.4	-57%	635.4	-33%	82.4	19%	752.6	-30%
DEOGHAR	62.0	210%	56.4	-35%	643.9	-36%	79.0	-17%	841.4	-30%
DHANBAD	79.1	190%	87.1	-14%	746.8	-31%	87.7	-15%	1000.8	-24%
DUMKA	86.4	350%	170.2	57%	782.7	-27%	143.3	15%	1182.5	-10%
EAST SINGBHUM	98.2	260%	205.3	52%	1171.1	7%	155.3	64%	1630.0	20%
GARHWA	19.6	13%	21.1	-24%	530.8	-42%	101.7	101%	673.2	-33%
GIRIDIH	73.9	285%	47.3	-41%	760.7	-22%	109.6	21%	991.4	-15%
GODDA	54.3	189%	108.5	13%	415.8	-55%	118.2	9%	696.8	-39%
GUMLA	59.4	71%	65.8	-18%	829.0	-22%	79.7	-16%	1033.9	-18%
HAZARIBAG	49.5	78%	63.0	-18%	830.4	-21%	123.8	25%	1066.7	-15%
JAMTARA	65.7	206%	123.1	25%	574.0	-47%	67.4	-42%	830.2	-37%
KHUNTI	58.7	97%	36.7	-50%	886.9	-20%	50.0	-52%	1032.2	-22%
KODERMA	88.1	292%	61.7	7%	808.2	-9%	118.9	54%	1077.0	3%
LATEHAR	41.1	55%	44.2	-5%	865.5	-15%	67.9	-4%	1018.7	-12%
LOHARDAGA	71.0	105%	46.3	-47%	769.1	-22%	82.7	2%	969.1	-18%
PAKUR	32.4	84%	98.5	-30%	499.4	-59%	73.8	-51%	704.0	-54%
PALAMU	27.1	31%	20.1	-26%	526.8	-38%	61.1	24%	635.2	-33%
RAMGARH	60.6	110%	42.3	-44%	954.2	-7%	98.2	8%	1155.3	-5%
RANCHI	65.3	133%	52.2	-35%	1076.4	5%	90.0	8%	1283.8	5%
SAHIBGANJ	96.5	530%	141.2	15%	497.1	-59%	121.5	-7%	856.2	-42%
SERAIKELA-KHARSAWAN	63.7	138%	75.7	-31%	898.5	-11%	71.0	-6%	1108.9	-9%
SIMDEGA	109.8	236%	71.1	-11%	1034.0	-20%	87.0	-4%	1301.9	-13%
WEST SINGBHUM	83.0	179%	96.5	-19%	972.0	-3%	68.4	-23%	1219.8	-2%
BIHAR	40.0	102%	88.9	4%	683.7	-31%	81.9	22%	894.5	-23%
ARARIA	26.9	77%	188.2	1%	1322.6	-4%	105.4	36%	1643.1	-1%
ARWAL	32.2	119%	26.4	-2%	406.2	-42%	43.4	14%	508.3	-35%
AURANGABAD	40.8	46%	12.1	-63%	612.0	-29%	47.1	-14%	711.9	-27%
BANKA	55.4	181%	64.5	-14%	596.4	-31%	112.5	45%	828.8	-21%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
BEGUSARAI	37.6	91%	40.3	-48%	641.3	-36%	141.1	129%	860.2	-26%
BHABUA	29.2	6%	14.7	-50%	613.9	-31%	49.2	9%	706.9	-29%
BHAGALPUR	47.4	92%	76.7	-35%	400.1	-59%	113.9	9%	638.0	-48%
BHOJPUR	30.5	46%	39.6	6%	613.5	-31%	54.9	-7%	738.5	-27%
BUXAR	11.5	-36%	23.0	-17%	544.2	-31%	51.6	5%	630.2	-28%
DARBHANGA	28.5	76%	168.0	84%	620.6	-31%	76.4	25%	893.5	-16%
EAST CHAMPARAN	49.6	113%	85.4	-6%	719.5	-32%	73.2	1%	927.7	-25%
GAYA	42.8	89%	15.6	-58%	561.4	-32%	48.0	-18%	667.8	-29%
GOPALGANJ	21.1	7%	33.4	-48%	668.5	-31%	67.7	21%	790.6	-29%
JAHANABAD	39.1	127%	40.0	4%	544.3	-35%	35.0	-17%	658.4	-29%
JAMUI	71.8	288%	40.7	-30%	602.4	-36%	88.4	24%	803.3	-26%
KATIHAR	31.6	104%	213.4	43%	556.8	-48%	124.0	28%	925.8	-31%
KHAGARIA	52.8	271%	83.4	-2%	531.3	-45%	147.7	102%	815.1	-29%
KISHANGANJ	24.5	81%	298.4	27%	1642.9	-6%	160.3	73%	2126.0	2%
LAKHISARAI	43.2	254%	42.6	-34%	390.5	-54%	103.2	91%	579.4	-41%
MADHEPURA	28.8	76%	151.9	17%	733.1	-30%	98.7	33%	1012.5	-20%
MADHUBANI	36.6	154%	157.3	57%	667.9	-31%	48.6	-21%	910.4	-21%
MONGHYR	41.7	138%	44.3	-44%	549.5	-46%	124.0	64%	759.4	-36%
MUZAFFARPUR	26.7	28%	94.3	9%	698.7	-28%	49.2	-21%	868.9	-24%
NALANDA	40.8	121%	40.0	-16%	610.9	-28%	74.9	34%	766.6	-21%
NAWADA	55.7	184%	32.3	-40%	665.5	-19%	68.5	0%	822.0	-15%
PATNA	35.8	58%	44.0	-26%	589.3	-34%	67.1	15%	736.2	-28%
PURNEA	42.6	173%	222.4	16%	971.1	-31%	121.8	20%	1357.8	-21%
ROHTAS	32.0	25%	7.4	-77%	522.1	-38%	65.1	43%	626.5	-34%
SAHARSA	27.7	56%	126.5	-11%	559.6	-48%	124.0	66%	837.8	-36%
SAMASTIPUR	25.9	39%	91.6	6%	688.3	-27%	87.5	28%	893.2	-20%
SARAN	20.0	-8%	24.2	-56%	452.0	-50%	47.9	-23%	544.1	-48%
SHEIKHPURA	55.2	243%	31.5	-44%	404.9	-51%	68.6	13%	560.1	-41%
SHEOHAR	13.5	-30%	68.2	-22%	572.0	-43%	32.8	-41%	686.5	-41%
SITAMARHI	34.0	108%	82.2	-20%	496.1	-53%	24.0	-63%	636.2	-49%
SIWAN	24.4	30%	56.4	18%	755.9	-16%	47.1	-30%	883.8	-15%
SUPAUL	18.9	10%	218.0	56%	1002.0	-8%	98.2	37%	1337.1	2%
VAISHALI	27.0	98%	33.0	-44%	662.4	-27%	92.9	53%	815.2	-22%
WEST CHAMPARAN	105.3	323%	188.1	58%	972.3	-21%	123.9	74%	1389.5	-4%
UTTAR PRADESH	55.5	103%	25.4	-23%	533.4	-29%	145.8	291%	760.2	-10%
EAST UTTAR PRADESH	37.9	50%	23.7	-29%	556.2	-30%	149.5	253%	767.3	-15%
AMBEDKAR NAGAR	12.0	-51%	9.8	-76%	523.6	-39%	108.6	220%	654.0	-31%
AMETHI	38.1	113%	28.4	42%	347.6	-48%	75.6	125%	489.8	-34%
AYODHYA	42.5	53%	45.2	39%	547.9	-36%	252.5	426%	888.1	-7%
AZAMGARH	9.8	-48%	7.4	-78%	557.1	-35%	104.5	154%	678.8	-28%
BAHRAICH	35.0	-1%	39.4	-38%	623.4	-37%	289.2	483%	987.0	-13%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
BALLIA	7.4	-60%	28.5	-21%	422.1	-41%	40.7	-4%	498.6	-39%
BALRAMPUR	36.8	23%	26.6	-37%	813.6	3%	224.4	396%	1101.3	21%
BANDA	62.2	164%	6.7	-71%	439.9	-43%	92.0	149%	600.6	-29%
BARABANKI	42.2	44%	22.5	-34%	792.4	-4%	330.9	649%	1188.0	27%
BASTI	27.7	23%	11.0	-70%	507.0	-39%	162.1	234%	707.8	-24%
BHADOHI	22.0	-15%	14.0	-52%	663.0	-18%	91.0	112%	790.0	-13%
CHANDAULI	1.0	-96%	1.0	-95%	299.8	-58%	8.5	-71%	310.3	-60%
CHITRAKOOT	108.5	407%	8.5	-61%	1248.4	59%	271.5	521%	1636.9	88%
DEORIA	52.5	202%	41.0	-15%	1000.0	28%	168.5	243%	1262.0	41%
FARRUKHABAD	52.9	107%	12.5	-50%	182.3	-75%	77.4	146%	325.1	-60%
FATEHPUR	55.4	129%	2.3	-87%	507.7	-27%	112.0	222%	677.4	-13%
GHAZIPUR	9.1	-54%	12.1	-55%	484.4	-39%	20.6	-49%	526.1	-40%
GONDA	46.0	125%	29.1	-16%	518.2	-40%	304.7	409%	897.9	-8%
GORAKHPUR	63.9	116%	22.6	-66%	887.6	-29%	215.2	191%	1189.3	-16%
HARDOI	35.8	33%	25.7	-18%	333.6	-50%	119.9	240%	514.9	-32%
JAUNPUR	3.6	-81%	3.1	-85%	356.8	-51%	62.1	76%	425.6	-47%
KANNAUJ	42.4	40%	10.8	-62%	495.0	-26%	123.1	211%	671.2	-12%
KANPUR CITY	40.4	55%	2.5	-90%	443.8	-29%	130.2	224%	616.9	-14%
KANPUR DEHAT	20.4	12%	3.6	-73%	240.0	-58%	70.4	123%	334.4	-48%
KAUSHAMBI	6.8	-61%	1.2	-90%	377.9	-32%	71.0	145%	456.9	-25%
KHERI	75.7	103%	80.9	33%	1043.0	13%	337.5	597%	1537.1	44%
KUSHI NAGAR	31.5	119%	23.0	-40%	275.4	-63%	67.8	62%	397.7	-53%
LUCKNOW	34.6	29%	18.2	-30%	591.7	-13%	180.1	399%	824.6	7%
MAHARAJGANJ	47.5	74%	55.0	-13%	634.7	-36%	283.3	340%	1020.5	-11%
MAU	6.5	-48%	5.0	-76%	542.4	-31%	33.0	-34%	586.9	-33%
MIRZAPUR	18.8	-45%	11.3	-61%	398.2	-55%	30.8	-21%	459.1	-54%
PRATAPGARH	52.6	110%	13.0	-45%	804.4	4%	267.4	587%	1137.4	32%
PRAYAGRAJ	32.6	32%	16.8	-15%	428.3	-41%	34.5	-10%	512.3	-37%
RAE BAREILLY	14.6	62%	5.6	-27%	263.6	-39%	76.4	123%	360.2	-25%
SANT KABIR NAGAR	27.2	21%	3.3	-92%	498.1	-51%	113.6	193%	642.2	-42%
SHRAWASTI NAGAR	81.6	110%	56.3	-35%	698.7	-36%	422.8	605%	1259.4	-1%
SIDDHARTH NAGAR	109.9	406%	67.7	18%	604.8	-42%	247.6	395%	1029.9	-12%
SITAPUR	46.0	56%	51.5	40%	458.6	-45%	139.2	236%	695.3	-26%
SONBHADRA	20.7	-30%	18.4	-44%	719.2	-18%	47.7	16%	806.0	-17%
SULTANPUR	28.5	37%	51.0	83%	449.4	-45%	163.2	330%	692.1	-24%
UNNAO	32.3	9%	4.5	-79%	368.5	-44%	111.7	201%	516.9	-31%
VARANASI	17.1	-42%	5.6	-76%	759.7	-6%	39.8	4%	822.1	-9%
WEST UTTAR PRADESH	80.8	165%	27.9	-15%	500.8	-25%	140.4	366%	749.9	-2%
AGRA	25.1	32%	15.3	-29%	543.7	3%	104.0	311%	688.2	15%
ALIGARH	34.4	27%	34.9	3%	414.5	-30%	152.2	381%	635.9	-7%
AMROHA	158.0	264%	24.0	-35%	336.8	-58%	93.0	238%	611.9	-33%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
AURAIYA	12.0	-37%	0.0	-100%	626.9	21%	130.3	403%	769.2	33%
BADAUN	60.0	95%	49.3	41%	557.5	-17%	196.8	549%	863.5	12%
BAGHPAT	93.3	155%	38.0	-21%	235.0	-53%	39.2	120%	405.5	-33%
BAREILLY	147.4	302%	43.8	14%	488.0	-38%	302.5	860%	981.7	9%
BIJNOR	204.1	226%	35.1	-41%	588.5	-35%	203.7	525%	1031.4	-3%
BULANDSHAHAR	58.2	125%	16.5	-46%	331.4	-38%	142.2	549%	548.3	-10%
ETAH	75.3	271%	21.7	-6%	698.2	38%	202.7	774%	997.8	74%
ETAWAH	21.2	4%	1.8	-92%	511.1	-9%	136.9	407%	670.9	6%
FIROZABAD	34.2	27%	28.5	1%	705.0	21%	147.1	329%	914.7	37%
GAUTAM BUDDHA NAGAR	26.0	20%	15.0	-36%	125.0	-73%	48.0	390%	214.0	-58%
GHAZIABAD	24.2	7%	11.8	-51%	135.8	-70%	51.5	415%	223.2	-57%
HAMIRPUR	86.0	254%	16.0	-24%	757.0	7%	135.4	269%	994.4	26%
HAPUR	101.8	123%	106.5	148%	529.8	-21%	77.8	320%	815.8	5%
HATHRAS	54.6	146%	10.3	-65%	532.5	-3%	193.0	758%	790.4	27%
JALAUN	36.2	77%	22.6	49%	649.5	1%	202.6	442%	910.9	27%
JHANSI	58.2	141%	25.4	17%	667.8	-7%	78.5	109%	829.8	3%
KASGANJ	73.4	152%	20.8	-22%	508.9	-24%	147.2	391%	750.4	0%
LALITPUR	72.3	321%	19.0	52%	773.3	-4%	55.7	65%	920.3	6%
MAHOBA	36.3	126%	17.1	8%	458.4	-23%	131.5	368%	643.3	-2%
MAINPURI	21.8	1%	20.1	-29%	392.4	-40%	121.8	318%	556.0	-24%
MATHURA	35.8	106%	8.0	-71%	334.3	-32%	97.6	510%	475.7	-13%
MEERUT	117.1	199%	43.5	-9%	415.6	-36%	142.1	558%	718.2	-5%
MORADABAD	136.7	194%	36.2	-20%	456.9	-48%	220.0	414%	849.8	-16%
MUZAFFARNAGAR	159.4	244%	59.1	18%	537.9	-19%	86.2	217%	842.6	7%
PILIBHIT	76.0	175%	38.7	-11%	475.7	-44%	171.1	350%	761.5	-20%
RAMPUR	96.6	179%	24.4	-21%	316.6	-57%	167.4	348%	605.0	-27%
SAHARANPUR	208.9	246%	32.7	-50%	474.6	-37%	20.6	-43%	736.8	-20%
SAMBHAL	91.7	206%	36.7	37%	395.5	-40%	267.4	693%	791.3	6%
SHAHJAHANPUR	42.3	40%	25.1	-44%	317.8	-58%	133.8	264%	519.0	-41%
SHAMLI	85.5	136%	21.0	-42%	293.1	-45%	9.0	-58%	408.6	-35%
UTTARAKHAND	162.1	59%	107.5	-32%	1128.0	-3%	119.7	118%	1517.3	3%
ALMORA	129.4	46%	75.3	-40%	662.4	-16%	167.6	283%	1034.8	-2%
BAGESHWAR	146.6	66%	145.3	15%	2267.4	186%	181.8	315%	2741.1	161%
CHAMOLI	157.7	40%	95.3	-49%	1196.4	66%	99.8	106%	1549.1	45%
CHAMPAWAT	127.0	52%	71.7	-32%	857.6	-35%	214.6	238%	1270.8	-19%
DEHRADUN	218.7	96%	85.2	-45%	1468.4	2%	70.0	1%	1842.2	4%
GARHWAL PAURI	124.3	38%	47.3	-40%	686.3	-46%	39.9	6%	897.8	-39%
GARHWAL TEHRI	200.2	90%	88.4	-36%	1000.5	6%	32.5	-30%	1321.6	7%
HARDWAR	189.0	124%	35.4	-53%	637.2	-36%	57.8	75%	919.5	-22%
NAINITAL	164.0	81%	64.0	-59%	1019.8	-34%	253.3	323%	1501.1	-19%
PITHORAGARH	142.4	29%	237.1	-2%	1365.0	-9%	181.9	149%	1926.4	0%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
RUDRAPRAYAG	145.2	16%	161.7	-34%	1300.9	-16%	38.4	-23%	1646.2	-16%
UDHAM SINGH NAGAR	143.2	277%	55.5	-11%	1071.4	-5%	245.7	457%	1515.8	19%
UTTARKASHI	195.8	55%	121.5	-36%	1173.7	2%	58.2	-17%	1549.2	1%
HAR. CHD & DELHI	85.3	166%	35.9	-20%	465.4	8%	37.1	91%	623.6	18%
HARYANA	84.4	165%	35.2	-21%	464.7	9%	36.2	88%	620.5	19%
AMBALA	124.7	96%	19.9	-72%	471.0	-43%	30.9	-26%	646.5	-35%
BHIWANI	39.5	69%	23.1	-40%	250.8	-14%	9.6	-29%	323.0	-12%
CHARKHI DADRI	60.2	93%	33.2	-28%	417.3	4%	41.3	131%	551.9	11%
FARIDABAD	73.8	165%	61.0	26%	371.5	-34%	131.7	472%	638.0	-3%
FATEHABAD	42.6	67%	30.7	-16%	558.6	113%	15.5	-2%	647.4	90%
GURGAON	110.5	328%	65.8	63%	593.9	21%	80.9	350%	851.1	48%
HISAR	47.1	108%	33.3	-22%	450.4	50%	5.2	-65%	535.9	41%
JHAJJAR	86.7	289%	41.2	19%	544.0	43%	28.8	140%	700.8	56%
JIND	82.0	117%	35.3	-21%	444.0	13%	5.7	-68%	567.0	15%
KAITHAL	81.2	129%	42.9	5%	460.2	26%	5.3	-69%	589.6	29%
KARNAL	111.0	125%	58.9	19%	681.3	31%	8.5	-67%	859.7	33%
KURUKSHETRA	168.2	351%	71.8	70%	517.9	25%	20.0	-9%	777.9	51%
MAHENDRAGARH	62.7	168%	11.8	-70%	484.9	23%	58.4	206%	617.7	30%
NUH	104.2	424%	28.9	-15%	538.9	13%	141.5	665%	813.5	48%
PALWAL	76.8	310%	20.0	-35%	461.3	15%	132.0	780%	690.0	49%
PANCHKULA	210.1	210%	38.3	-42%	765.0	-11%	45.6	18%	1058.9	2%
PANIPAT	106.0	181%	34.4	-20%	594.8	30%	19.6	8%	754.8	36%
REWARI	83.4	290%	24.4	-41%	401.3	-7%	51.6	221%	560.6	10%
ROHTAK	69.3	128%	30.8	-42%	513.5	10%	12.8	-37%	626.4	10%
SIRSA	42.2	95%	18.4	-46%	299.7	41%	1.1	-90%	361.4	29%
SONEPAT	100.6	166%	35.0	-41%	431.3	-10%	18.9	-17%	585.8	-2%
YAMUNA NAGAR	224.2	206%	42.7	-46%	636.6	-29%	38.1	-6%	941.5	-14%
CHANDIGARH (UT)	240.3	240%	26.3	-52%	902.5	7%	25.9	-34%	1195.1	18%
DELHI	101.4	176%	57.5	2%	451.4	-17%	65.4	191%	675.9	2%
CENTRAL DELHI	171.5	290%	68.8	5%	606.2	-9%	151.8	364%	998.3	23%
EAST DELHI	119.5	172%	44.9	-32%	868.2	30%	160.6	391%	1193.2	47%
NEW DELHI	111.5	176%	56.0	-13%	508.5	-21%	102.1	250%	778.1	0%
NORTH DELHI	98.6	155%	54.0	-9%	543.9	-3%	79.7	289%	776.2	14%
NORTH EAST DELHI	65.2	48%	42.8	-35%	301.6	-55%	83.0	154%	492.5	-39%
NORTH WEST DELHI	82.9	193%	38.6	-4%	322.4	-20%	22.8	72%	466.7	-4%
SOUTH DELHI	100.5	128%	81.6	24%	575.8	-14%	108.4	231%	866.3	7%
SOUTH WEST DELHI	115.9	207%	70.0	10%	485.9	-12%	65.0	205%	736.7	10%
WEST DELHI	112.3	200%	48.0	-19%	312.9	-48%	40.5	65%	513.7	-29%
PUNJAB	127.4	169%	20.9	-62%	414.0	-6%	11.0	-54%	573.2	1%
AMRITSAR	109.9	111%	3.5	-95%	367.3	-20%	1.8	-94%	482.6	-21%
BARNALA	117.2	244%	15.8	-59%	384.5	7%	0.0	-100%	517.6	14%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
BHATINDA	66.5	104%	20.4	-38%	398.7	35%	0.4	-97%	485.9	29%
FARIDKOT	143.6	310%	11.0	-73%	471.0	60%	1.4	-88%	627.0	64%
FATEHGARH SAHIB	136.9	255%	41.4	-23%	481.9	1%	13.1	-56%	673.3	12%
FAZILKA	43.0	57%	2.4	-94%	153.9	-37%	0.0	-100%	199.2	-37%
FEROZEPUR	139.9	392%	7.0	-79%	403.3	57%	2.7	-78%	552.9	67%
GURDASPUR	222.5	179%	28.9	-64%	565.5	-4%	17.6	-55%	834.5	5%
HOSHIARPUR	145.5	102%	7.5	-90%	387.2	-37%	9.7	-72%	549.9	-31%
JALANDHAR	125.0	99%	20.3	-70%	399.5	-24%	16.3	-40%	561.1	-18%
KAPURTHALA	284.9	492%	25.4	-61%	569.1	21%	13.3	-35%	892.7	48%
LUDHIANA	156.5	240%	33.2	-37%	563.5	23%	13.6	-47%	766.9	31%
MANSA	57.0	112%	24.2	-15%	290.6	8%	2.8	-75%	374.6	11%
MOGA	82.9	201%	15.2	-63%	209.0	-28%	1.3	-90%	308.3	-17%
MUKTSAR	75.7	97%	5.9	-86%	369.4	18%	0.5	-97%	451.4	10%
PATHANKOT	237.4	79%	78.0	-34%	989.0	4%	85.4	42%	1389.8	10%
PATIALA	139.4	181%	53.3	-10%	448.2	-17%	28.5	1%	669.4	-1%
RUPNAGAR	273.8	251%	22.8	-75%	629.0	-22%	37.1	-20%	962.7	-6%
SANGRUR	73.5	90%	31.3	-30%	322.7	-18%	14.2	-35%	441.7	-11%
SAS NAGAR (MOHALI)	168.0	187%	23.3	-54%	730.0	18%	6.4	-76%	927.7	23%
SBS NAGAR	217.9	190%	40.3	-48%	524.9	-31%	45.7	4%	828.8	-13%
TARN TARAN	80.7	144%	0.6	-98%	247.0	-10%	1.0	-94%	329.4	-11%
HIMACHAL PRADESH	247.6	32%	68.1	-72%	706.9	-4%	63.9	-23%	1086.4	-13%
BILASPUR	283.3	156%	43.7	-63%	925.5	13%	55.0	14%	1307.6	19%
CHAMBA	320.2	17%	83.5	-77%	793.4	-7%	111.6	-9%	1308.7	-19%
HAMIRPUR	230.3	92%	39.3	-70%	957.3	-2%	20.5	-63%	1247.4	-3%
KANGRA	254.6	55%	75.3	-60%	1602.6	-1%	78.2	1%	2010.7	-2%
KINNAUR	146.3	-29%	45.6	-82%	211.4	-15%	28.8	-60%	432.1	-44%
KULLU	291.5	52%	103.4	-64%	740.0	35%	104.9	12%	1239.8	11%
LAHAUL & SPITI	215.3	-5%	30.0	-89%	156.8	-59%	43.0	-55%	445.1	-55%
MANDI	224.4	71%	114.6	-40%	1201.9	10%	61.1	4%	1602.0	8%
SHIMLA	240.2	72%	112.1	-45%	884.4	41%	69.2	6%	1305.8	26%
SIRMAUR	364.9	229%	83.7	-34%	1067.7	-10%	81.0	23%	1597.2	7%
SOLAN	332.0	173%	74.7	-48%	938.4	7%	46.7	-30%	1391.8	15%
UNA	217.1	122%	20.3	-80%	723.6	-24%	12.5	-74%	973.5	-19%
J & K AND LADAKH	245.9	9%	99.5	-70%	580.5	6%	114.5	-10%	1040.4	-16%
JAMMU & KASHMIR(UT)	245.9	9%	99.5	-70%	580.5	6%	114.5	-10%	1040.4	-16%
ANANTNAG	248.3	41%	117.5	-67%	352.7	10%	99.7	-11%	818.2	-15%
BADGAM	188.1	26%	103.2	-62%	293.2	35%	78.1	-1%	662.5	-8%
BANDIPORE	103.5	-41%	90.0	-68%	169.9	-20%	113.9	8%	477.3	-38%
BARAMULA	281.8	34%	204.7	-44%	314.0	45%	115.3	-13%	915.8	-1%
DODA	454.8	54%	111.8	-72%	672.2	56%	130.5	-12%	1369.3	8%
GANDERBAL	191.0	3%	163.1	-50%	202.2	-29%	94.0	-19%	650.3	-29%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
JAMMU	256.4	76%	54.9	-70%	1058.3	13%	53.8	-44%	1423.4	5%
KATHUA	232.6	7%	101.4	-61%	988.0	-23%	49.6	-57%	1371.6	-27%
KISTWAR	48.0	-84%	7.0	-98%	299.0	-31%	146.0	-1%	500.0	-61%
KULGAM	264.6	-15%	134.2	-67%	376.0	13%	140.4	-18%	915.1	-25%
KUPWARA	138.2	-38%	161.5	-63%	295.5	17%	130.6	-12%	725.7	-31%
POONCH	168.0	-16%	150.0	-59%	889.0	30%	122.0	41%	1329.0	-1%
PULWAMA	138.1	28%	86.6	-58%	245.6	28%	66.5	-9%	536.8	-7%
RAJOURI	263.6	76%	90.3	-59%	775.6	8%	98.3	-3%	1227.8	3%
RAMBAN	436.4	11%	123.1	-73%	614.5	46%	164.7	-15%	1338.8	-9%
REASI	400.5	73%	83.0	-70%	1380.7	-11%	171.4	40%	2035.6	-7%
SAMBA	228.0	149%	13.0	-85%	1017.0	26%	29.0	-47%	1287.0	23%
SHOPIAN	74.5	-42%	69.5	-76%	111.2	-61%	32.0	-68%	287.2	-64%
SRINAGAR	226.0	20%	123.2	-56%	336.7	41%	115.6	6%	801.5	-2%
UDHAMPUR	488.7	143%	117.5	-56%	1166.1	15%	134.2	-14%	1906.4	17%
LADAKH (UT)	32.2	178%	7.7	-14%	37.6	69%	9.2	14%	86.8	70%
KARGIL	91.4	266%	20.2	79%	32.3	211%	16.8	33%	160.7	171%
LADAKH (LEH)	13.8	84%	3.8	-53%	39.3	51%	6.9	3%	63.8	32%
RAJASTHAN	25.6	167%	8.0	-66%	596.0	37%	32.5	79%	662.2	36%
EAST RAJASTHAN	26.0	138%	11.2	-47%	780.7	25%	69.0	166%	886.8	30%
AJMER	22.0	201%	13.1	-30%	573.1	25%	15.4	8%	623.5	25%
ALWAR	75.9	267%	10.3	-74%	615.8	13%	128.3	483%	830.3	32%
BANSWARA	2.6	-43%	10.4	48%	998.3	13%	47.6	33%	1058.9	13%
BARAN	26.1	149%	7.3	-45%	1049.2	26%	96.0	157%	1178.6	32%
BHARATPUR	41.6	130%	7.6	-72%	572.7	5%	174.1	710%	796.0	31%
BHILWARA	7.7	-14%	10.0	-51%	675.2	12%	31.8	43%	724.7	10%
BUNDI	18.0	80%	24.2	62%	920.5	43%	61.8	177%	1024.5	48%
CHITTORGARH	5.5	-18%	18.4	6%	785.8	8%	64.7	126%	874.5	12%
DAUSA	40.8	172%	7.2	-73%	784.2	32%	155.8	638%	988.0	50%
DHOLPUR	24.0	52%	3.8	-81%	696.3	19%	114.8	289%	839.0	29%
DUNGARPUR	1.8	-44%	0.0	-100%	829.5	17%	31.7	-2%	863.0	15%
JAIPUR	53.6	275%	17.6	-40%	652.8	24%	88.1	340%	812.0	38%
JHALAWAR	25.9	154%	7.8	-39%	1317.1	49%	85.1	72%	1435.9	50%
JHUNJHUNU	48.2	160%	22.9	-45%	406.5	-1%	27.3	55%	504.8	4%
KARAULI	22.3	37%	8.5	-59%	582.0	-2%	173.0	595%	785.8	19%
KOTA	12.1	19%	14.7	-14%	1150.8	57%	70.6	101%	1248.3	57%
PRATAPGARH	2.4	-65%	19.4	126%	1129.6	24%	62.4	56%	1213.8	25%
RAJSAMAND	10.0	59%	8.1	-58%	617.0	15%	18.6	-25%	653.7	11%
SAWAI MADHOPUR	30.3	116%	4.0	-80%	749.0	13%	145.0	368%	928.3	28%
SIKAR	60.6	284%	24.2	-31%	490.4	20%	32.9	104%	608.1	28%
SIROHI	3.8	-32%	0.0	-100%	1074.7	23%	0.9	-97%	1079.4	17%
TONK	22.0	114%	4.7	-77%	802.4	42%	49.3	148%	878.5	42%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
UDAIPUR	5.2	9%	2.5	-83%	889.5	44%	34.0	30%	931.2	40%
WEST RAJASTHAN	25.3	198%	5.4	-78%	449.0	58%	3.5	-71%	483.2	47%
BARMER	8.5	107%	0.7	-96%	476.0	75%	0.0	-100%	485.1	58%
BIKANER	32.4	157%	3.7	-90%	437.4	77%	0.5	-96%	474.0	53%
CHURU	40.5	183%	22.4	-43%	508.7	52%	8.2	-36%	579.9	45%
HANUMANGARH	52.3	202%	18.1	-46%	317.9	25%	0.3	-97%	388.6	24%
JAISALMER	25.1	413%	1.0	-94%	346.7	96%	0.0	-100%	372.9	80%
JALORE	5.1	-3%	0.0	-100%	629.3	51%	0.4	-98%	634.8	40%
JODHPUR	15.6	136%	3.1	-87%	457.5	56%	1.8	-82%	477.9	44%
NAGAUR	44.7	352%	11.4	-60%	510.8	38%	20.8	55%	587.7	39%
PALI	4.6	-29%	0.7	-96%	540.6	10%	8.9	-52%	554.8	4%
SRI GANGANAGAR	44.7	185%	13.0	-57%	400.5	96%	1.2	-85%	459.5	78%
MADHYA PRADESH	33.6	50%	9.3	-49%	1169.5	23%	96.9	92%	1309.2	26%
EAST MADHYA PRADESH	47.5	42%	12.8	-46%	1145.2	10%	87.9	58%	1293.4	12%
ANUPPUR	80.2	121%	10.4	-64%	1222.8	23%	74.7	30%	1388.1	24%
BALAGHAT	42.4	15%	10.5	-69%	1508.5	22%	91.8	18%	1653.2	19%
CHHATARPUR	99.4	251%	21.0	2%	912.9	-3%	145.4	203%	1178.7	14%
CHHINDWARA	46.4	56%	6.8	-74%	1578.0	58%	59.0	-17%	1690.1	50%
DAMOH	35.4	6%	15.1	-26%	1039.3	-5%	78.9	63%	1168.6	-2%
DINDORI	50.6	36%	1.9	-91%	1125.5	-5%	87.3	30%	1265.3	-3%
JABALPUR	28.2	-13%	11.2	-57%	1168.9	3%	97.3	106%	1305.7	6%
KATNI	29.5	-9%	33.1	199%	895.5	-5%	70.4	80%	1028.5	0%
MANDLA	58.0	34%	8.6	-74%	1399.6	17%	104.2	79%	1570.4	18%
NARSINGHPUR	27.2	24%	3.6	-81%	1272.3	21%	96.0	136%	1399.1	23%
NIWARI	94.7	388%	12.0	28%	1050.3	35%	37.7	-2%	1194.7	42%
PANNA	54.7	46%	18.6	-5%	1045.0	-4%	132.1	165%	1250.3	5%
REWA	42.4	22%	15.4	1%	744.9	-25%	78.7	54%	881.4	-19%
SAGAR	41.2	57%	8.1	-64%	1310.2	23%	91.1	95%	1450.6	25%
SATNA	31.6	-9%	11.9	-27%	807.8	-15%	73.3	60%	924.7	-12%
SEONI	55.9	58%	16.6	-53%	1432.4	41%	63.6	-8%	1568.5	35%
SHAHDOL	51.1	30%	17.9	-23%	1018.2	3%	64.1	27%	1151.4	4%
SIDHI	29.2	-17%	22.9	-15%	811.1	-23%	103.6	100%	966.7	-17%
SINGRAULI	32.7	23%	13.5	-19%	805.1	-8%	87.7	56%	939.0	-4%
TIKAMGARH	44.5	84%	7.4	-53%	857.9	-6%	53.8	16%	963.6	-3%
UMARIA	41.2	-19%	6.8	-77%	1024.1	-5%	100.0	39%	1172.1	-5%
WEST MADHYA PRADESH	22.8	63%	6.5	-52%	1188.2	35%	103.8	123%	1321.3	39%
AGAR-MALWA	8.5	-29%	0.0	-100%	1392.9	55%	152.2	296%	1553.6	62%
ALIRAJPUR	1.9	-5%	0.0	-100%	715.1	-18%	74.7	81%	791.6	-14%
ASHOKNAGAR	56.0	222%	15.8	71%	1215.4	42%	61.5	54%	1348.6	46%
BARWANI	4.3	48%	2.7	-54%	748.9	12%	75.3	78%	831.2	15%
BETUL	22.9	2%	5.0	-74%	1589.3	53%	108.7	66%	1725.9	51%

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
BHIND	35.3	79%	7.2	-57%	743.8	21%	132.3	268%	918.5	34%
BHOPAL	45.2	128%	2.6	-89%	1750.9	83%	142.2	158%	1940.9	84%
BURHANPUR	0.7	-94%	7.1	-65%	1128.8	53%	137.2	111%	1273.9	53%
DATIA	38.6	84%	4.4	-78%	624.0	-16%	84.2	108%	751.2	-9%
DEWAS	15.1	36%	0.0	-100%	1345.8	49%	92.8	117%	1453.6	50%
DHAR	16.6	418%	1.3	-73%	761.8	-7%	75.0	70%	854.6	-2%
GUNA	50.5	162%	17.5	-1%	1628.4	73%	69.6	47%	1765.9	72%
GWALIOR	40.5	66%	5.1	-76%	705.7	-2%	101.4	129%	852.5	5%
HARDA	16.8	12%	1.7	-81%	1396.4	29%	96.4	63%	1511.3	30%
INDORE	20.0	167%	5.2	-45%	1044.4	20%	108.3	123%	1178.0	26%
JHABUA	0.0	-100%	0.0	-100%	723.2	-18%	53.7	12%	776.9	-18%
KHANDWA	1.5	-85%	2.0	-86%	1022.6	30%	94.7	89%	1120.8	30%
KHARGONE	5.0	-20%	2.7	-70%	791.8	10%	101.7	129%	901.2	16%
MANDSAUR	11.0	50%	18.3	69%	1022.3	24%	73.8	69%	1125.4	27%
MORENA	32.0	76%	9.4	-44%	670.5	4%	150.1	387%	861.9	21%
NARMADAPURAM	11.9	-41%	3.2	-85%	1787.6	42%	80.7	44%	1883.3	39%
NEEMUCH	20.7	149%	17.0	83%	1106.7	42%	107.3	192%	1251.7	51%
RAISEN	27.3	44%	4.0	-71%	1597.8	47%	121.2	135%	1750.3	50%
RAJGARH	32.4	128%	4.6	-64%	1727.3	93%	133.3	196%	1897.5	97%
RATLAM	3.6	-43%	7.3	-10%	1154.8	26%	95.6	65%	1261.3	28%
SEHORE	15.2	-20%	3.8	-68%	1545.6	44%	99.6	100%	1664.1	45%
SHAJAPUR	29.5	127%	0.0	-100%	1287.4	42%	145.2	226%	1462.1	49%
SHEOPUR	22.7	102%	4.5	-63%	1028.8	54%	126.9	298%	1182.8	64%
SHIVPURI	46.7	132%	19.8	25%	996.3	27%	131.0	232%	1193.7	38%
UJJAIN	10.5	7%	12.3	-16%	1078.5	22%	100.3	108%	1201.6	26%
VIDISHA	46.6	107%	6.9	-56%	1540.1	51%	93.0	111%	1686.6	53%
GUJARAT	1.8	62%	0.1	-98%	905.9	27%	20.3	-33%	928.1	24%
GUJARAT REGION	1.0	-35%	0.0	-99%	1104.7	19%	37.3	14%	1143.0	18%
AHMEDABAD	1.8	119%	0.0	-99%	550.9	-17%	11.3	-53%	564.0	-18%
ANAND	0.0	-100%	0.0	-100%	735.4	-11%	50.7	50%	786.1	-9%
ARAVALLI	1.7	85%	0.0	-100%	880.4	5%	25.4	-7%	907.5	4%
BANASKANTHA	1.7	-33%	0.0	-100%	917.7	53%	0.5	-98%	920.0	45%
BHARUCH	0.9	8789%	0.3	-88%	929.9	25%	43.9	64%	974.9	26%
CHHOTA UDEPUR	3.1	136%	0.0	-100%	1117.3	12%	40.9	16%	1161.3	12%
DADARA & NAGAR HAVELI	0.0	-100%	0.0	-100%	3269.9	42%	130.7	112%	3400.6	43%
DAHOD	0.0	-100%	0.0	-100%	488.2	-38%	52.6	57%	540.8	-34%
DAMAN	0.7	30%	0.6	-95%	3434.5	49%	53.9	-13%	3489.7	46%
DANGS	0.0	-100%	0.0	-100%	2541.2	13%	129.0	24%	2670.2	13%
GANDHINAGAR	1.8	129%	0.0	-100%	637.3	-15%	26.3	31%	665.4	-14%
KHEDA	0.0	-100%	0.0	-100%	784.7	-4%	47.7	89%	832.4	-2%
MAHISAGAR	0.3	-70%	0.0	-100%	786.9	-2%	64.9	128%	852.1	1%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
MEHSANA	1.7	-71%	0.0	-100%	836.8	20%	7.5	-73%	846.0	15%
NARMADA	0.2	-58%	0.0	-100%	1581.1	50%	47.4	26%	1628.6	48%
NAVSARI	0.0	-100%	0.1	-97%	2524.5	38%	41.9	-10%	2566.5	36%
PANCHMAHAL	0.0	-100%	0.0	-100%	874.3	-6%	99.0	199%	973.3	0%
PATAN	0.0	-100%	0.0	-100%	739.2	33%	0.0	-100%	739.2	27%
SABARKANTHA	2.5	-7%	0.0	-100%	1065.2	29%	18.8	-32%	1086.5	26%
SURAT	0.0	-100%	0.2	-97%	1751.4	34%	71.3	70%	1822.9	35%
TAPI	1.1	11329%	0.0	-100%	1620.3	16%	47.4	26%	1668.9	15%
VADODARA	0.8	-58%	0.0	-100%	873.1	-3%	56.5	59%	930.4	-1%
VALSAD	0.0	-100%	0.3	-94%	3174.9	54%	75.0	26%	3250.1	53%
SAURASHTRA & KUTCH	2.4	206%	0.1	-97%	752.7	39%	6.7	-77%	761.9	33%
AMRELI	0.5	3%	1.0	-73%	674.5	15%	18.9	-56%	695.0	10%
BHAVNAGAR	0.1	-75%	0.0	-100%	540.2	-5%	26.2	-26%	566.5	-7%
BOTAD	1.3	525%	0.0	-100%	563.1	1%	6.7	-80%	571.0	-5%
DEVBHOOMI DWARKA	18.8	1004%	0.0	-100%	964.0	70%	4.2	-83%	987.0	66%
DIU	3.0	50%	2.5	47%	1135.2	49%	14.4	-72%	1155.1	41%
GIR SOMNATH	3.4	390%	0.4	-73%	1305.8	48%	25.8	-43%	1335.4	44%
JAMNAGAR	6.0	567%	0.0	-100%	699.2	10%	4.1	-87%	709.4	6%
JUNAGADH	0.2	-67%	0.0	-100%	1161.4	31%	8.7	-79%	1170.2	26%
KUTCH	1.5	23%	0.0	-99%	758.3	85%	2.3	-90%	762.1	75%
MORBI	0.0	-100%	0.0	-100%	640.2	20%	0.0	-100%	640.2	15%
PORBANDAR	17.3	2063%	0.0	-100%	1123.1	63%	7.0	-80%	1147.4	58%
RAJKOT	0.4	-13%	0.0	-100%	716.5	11%	6.0	-79%	722.9	7%
SURENDRANAGAR	1.2	196%	0.0	-100%	495.6	-5%	0.2	-99%	497.0	-10%
DADARA & NAGAR HAVELI AND DAMAN & DIU (UT)	0.3	-54%	0.2	-98%	3148.0	43%	113.8	87%	3262.3	43%
DADARA & NAGAR HAVELI	0.0	-100%	0.0	-100%	3269.9	42%	130.7	112%	3400.6	43%
DAMAN	0.7	30%	0.6	-95%	3434.5	49%	53.9	-13%	3489.7	46%
DIU	3.0	50%	2.5	47%	1135.2	49%	14.4	-72%	1155.1	41%
KONKAN & GOA	2.5	321%	26.4	-10%	3136.8	9%	171.7	22%	3337.4	10%
GOA	0.8	-51%	151.7	112%	2768.9	-8%	119.6	-40%	3041.0	-7%
NORTH GOA	1.7	51%	183.4	162%	2954.7	-4%	134.1	-33%	3273.8	-2%
SOUTH GOA	0.0	-100%	123.8	70%	2604.8	-11%	106.8	-46%	2835.4	-12%
MAHARASHTRA	9.5	21%	9.6	-63%	1219.8	23%	133.7	39%	1372.5	22%
MUMBAI CITY	0.4	-56%	3.3	-80%	1916.7	-8%	93.7	0%	2014.1	-9%
MUMBAI SUBURBAN	4.5	309%	0.5	-97%	2658.3	15%	226.3	127%	2889.6	19%
PALGHAR	0.1	-90%	0.8	-91%	3048.5	35%	98.0	25%	3147.4	34%
RAIGAD	6.7	1243%	0.4	-98%	3212.3	3%	202.8	46%	3422.2	4%
RATNAGIRI	2.7	793%	14.9	-54%	3334.7	4%	170.3	6%	3522.6	4%
SINDHUDURG	2.0	192%	37.0	-23%	3195.9	8%	221.7	20%	3456.6	9%
THANE	0.0	-100%	0.7	-92%	3044.0	25%	185.6	116%	3230.3	28%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
MADHYA MAHARASHTRA	0.7	-74%	17.0	-36%	942.5	26%	161.0	56%	1121.3	27%
AHMEDNAGAR	0.0	-100%	3.2	-85%	594.2	30%	194.6	93%	791.9	37%
DHULE	7.6	100%	6.6	-43%	741.5	36%	78.4	31%	834.2	35%
JALGAON	0.0	-100%	6.7	-37%	693.7	11%	89.8	35%	790.3	12%
KOLHAPUR	0.0	-100%	106.0	69%	1955.5	14%	278.0	88%	2339.5	22%
NANDURBAR	1.5	36%	0.0	-100%	948.0	13%	79.3	55%	1028.8	14%
NASHIK	0.2	-94%	1.9	-88%	1437.6	61%	120.6	33%	1560.3	56%
PUNE	0.9	-17%	5.7	-72%	1265.3	33%	171.6	53%	1443.6	33%
SANGLI	0.0	-100%	44.5	-21%	396.6	-18%	176.3	37%	617.3	-9%
SATARA	0.2	-87%	12.9	-68%	1065.0	26%	211.9	67%	1289.9	27%
SHOLAPUR	0.0	-100%	21.5	-30%	483.3	5%	177.6	38%	682.3	10%
MARATHWADA	0.3	-95%	4.2	-84%	794.2	24%	134.2	39%	932.9	21%
AURANGABAD	0.4	-89%	6.2	-69%	748.1	33%	145.4	64%	900.0	33%
BEED	0.0	-100%	0.0	-100%	667.5	20%	169.3	65%	836.8	22%
HINGOLI	0.0	-100%	0.0	-100%	672.7	-11%	97.0	7%	769.7	-12%
JALNA	0.0	-100%	0.0	-100%	671.3	13%	86.0	-3%	757.3	7%
LATUR	0.0	-100%	2.6	-92%	840.8	26%	146.3	41%	989.7	22%
NANDED	1.0	-90%	3.5	-85%	1145.7	46%	95.5	1%	1245.7	37%
OSMANABAD	0.0	-100%	18.9	-49%	733.2	26%	192.5	77%	944.6	29%
PARBHANI	1.0	-88%	1.4	-95%	755.1	7%	124.5	32%	882.0	6%
VIDARBHA	27.9	65%	4.1	-85%	1227.8	31%	87.6	15%	1347.3	27%
AKOLA	0.1	-99%	0.0	-99%	660.3	-5%	95.0	29%	755.5	-5%
AMRAOTI	16.1	7%	0.7	-96%	953.8	16%	88.3	26%	1058.9	14%
BHANDARA	0.0	-100%	0.0	-100%	1489.3	37%	106.5	49%	1595.7	31%
BULDHANA	1.4	-81%	0.0	-100%	658.0	2%	101.8	36%	761.2	2%
CHANDRAPUR	58.9	159%	2.4	-94%	1391.0	29%	44.7	-47%	1497.1	23%
GADCHIROLI	69.6	324%	16.1	-57%	1799.3	40%	63.6	-21%	1948.5	37%
GONDIA	26.0	-13%	0.2	-99%	1641.8	35%	86.9	31%	1754.9	30%
NAGPUR	30.8	38%	4.8	-84%	1445.7	54%	102.4	41%	1583.7	49%
WARDHA	21.5	30%	3.8	-87%	1310.0	56%	75.4	-3%	1410.7	46%
WASHIM	0.0	-100%	0.0	-100%	808.3	5%	130.8	69%	939.1	7%
YEOTMAL	18.8	34%	4.5	-80%	1087.3	34%	108.1	36%	1218.7	32%
CHHATTISGARH	53.9	146%	33.6	-9%	1276.3	13%	74.3	-2%	1438.1	14%
BALOD	46.8	76%	39.2	67%	1301.5	27%	67.9	-4%	1455.3	27%
BALODA BAZAR	16.5	17%	4.2	-76%	1174.5	26%	62.6	19%	1257.7	24%
BALRAMPUR	82.3	357%	12.1	-33%	975.7	-2%	138.6	118%	1208.7	10%
BASTAR	68.2	207%	122.6	10%	1773.7	52%	79.6	-26%	2044.1	45%
BEMETARA	42.3	71%	15.6	-57%	713.6	-32%	41.5	-30%	813.1	-31%
BIJAPUR	56.7	305%	24.9	-26%	2515.9	84%	88.0	-14%	2685.5	77%
BILASPUR	52.7	21%	28.6	-47%	1319.4	24%	74.3	1%	1474.9	19%
DANTEWADA	17.8	0%	98.0	737%	1636.4	27%	73.4	-21%	1825.6	29%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
DHAMTARI	63.1	275%	26.3	-22%	1297.7	23%	56.6	-9%	1443.7	23%
DURG	29.0	112%	21.0	1%	957.6	-3%	93.8	47%	1101.4	2%
GARIABAND	55.6	613%	64.0	178%	1254.2	19%	60.6	-9%	1434.4	24%
JANJGIR	28.3	9%	13.9	-50%	1368.1	23%	48.0	-20%	1458.3	19%
JASHPUR	75.0	60%	80.3	2%	989.1	-27%	134.3	34%	1278.6	-19%
KABIRDHAM	50.8	55%	0.0	-100%	1108.3	27%	85.2	-1%	1244.3	19%
KANKER	102.8	729%	35.1	29%	1524.4	16%	87.3	17%	1749.6	22%
KONDAGAON	126.1	900%	25.6	-28%	1263.7	7%	59.8	-31%	1475.2	13%
KORBA	55.2	84%	41.4	98%	1202.2	-5%	53.6	-20%	1352.4	-2%
KORIYA	40.9	44%	6.2	-73%	831.8	-25%	64.1	12%	943.0	-23%
MAHASAMUND	36.2	179%	31.1	20%	1123.4	6%	37.0	-29%	1227.8	6%
MUNGELI	34.3	2%	9.8	-69%	1276.4	35%	91.2	51%	1411.7	32%
NARAYANPUR	91.8	595%	39.7	-5%	1446.9	18%	72.5	-15%	1650.8	21%
RAIGARH	49.5	118%	10.8	-77%	1205.1	5%	76.6	18%	1342.1	4%
RAIPUR	27.7	24%	26.4	-30%	892.1	-13%	57.0	-11%	1003.2	-13%
RAJNANDGAON	38.0	89%	20.1	-11%	1232.5	33%	55.9	-22%	1346.4	30%
SUKMA	6.5	169%	25.4	-28%	1585.5	31%	47.9	-53%	1665.2	23%
SURAJPUR	43.2	100%	25.2	33%	989.4	-17%	100.5	49%	1158.3	-11%
SURGUJA	55.4	72%	22.3	-50%	642.7	-45%	69.8	-14%	790.2	-40%
ANDHRA PRADESH	22.6	35%	119.9	34%	575.6	10%	319.1	11%	1037.1	13%
COASTAL A. P. & YANAM	31.5	42%	114.7	19%	640.2	6%	341.7	6%	1128.1	8%
EAST GODAVARI	15.6	-18%	87.6	-10%	960.1	25%	265.1	-13%	1328.5	12%
GUNTUR	37.6	88%	62.2	-13%	561.3	-4%	322.5	37%	983.6	8%
KRISHNA	26.7	48%	33.7	-56%	671.7	-4%	260.8	11%	992.9	-3%
PRAKASAM	19.7	-4%	125.6	47%	347.0	-11%	385.6	23%	877.9	9%
SPSR NELLORE	49.5	52%	123.9	72%	365.7	4%	624.5	-2%	1163.6	7%
SRIKAKULAM	26.7	17%	131.0	4%	816.6	10%	211.0	-24%	1185.3	1%
VISHAKHAPATNAM	30.1	27%	214.8	42%	659.9	-2%	276.1	-5%	1180.9	4%
VIZIANAGARAM	71.1	196%	156.7	14%	847.6	17%	261.3	11%	1336.7	19%
WEST GODAVARI	18.6	4%	89.0	6%	1067.2	32%	250.5	3%	1425.2	23%
YANAM	21.6	5%	92.2	20%	965.8	27%	479.8	4%	1559.4	18%
RAYALASEEMA	10.3	17%	126.9	60%	486.5	19%	288.1	22%	911.8	24%
ANANTAPURAMU	2.4	-57%	138.3	72%	533.8	58%	249.3	58%	923.8	59%
CHITTOOR	21.6	30%	149.8	51%	491.8	13%	452.0	17%	1115.3	19%
KURNOOL	10.4	85%	88.8	19%	483.9	3%	176.0	18%	759.1	9%
YSR DISTRICT	9.0	2%	134.1	108%	425.2	7%	303.5	5%	871.7	15%
TELANGANA	36.0	125%	42.9	-33%	1072.7	46%	119.0	-4%	1270.6	35%
ADILABAD	27.8	44%	40.4	-27%	1474.6	57%	112.0	4%	1654.8	47%
B. KOTHAGUDEM	29.3	41%	63.0	-31%	1307.8	38%	125.3	-10%	1525.4	27%
HANUMAKONDA	43.1	129%	14.6	-77%	1209.5	76%	163.6	37%	1430.9	61%
HYDERABAD	2.0	-88%	57.9	-23%	748.7	20%	159.8	17%	968.4	14%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
J. BHUPALPALLY	79.8	320%	18.4	-72%	1472.1	51%	88.9	-15%	1659.2	42%
JAGTIAL	36.7	27%	63.4	5%	1550.1	91%	59.3	-46%	1709.4	69%
JANGAON	74.4	298%	29.5	-56%	1095.5	61%	136.9	15%	1336.3	51%
JOGULAMBA GADWAL	8.3	48%	50.6	-1%	575.4	30%	118.8	12%	753.0	24%
KAMAREDDY	15.2	-20%	70.2	10%	1166.7	51%	116.2	-2%	1368.4	40%
KARIMNAGAR	60.0	223%	24.9	-56%	1249.4	79%	110.8	-2%	1445.1	63%
KHAMMAM	26.8	45%	29.6	-65%	871.3	11%	119.6	-26%	1047.2	0%
KUMARAM BHEEM	60.8	240%	38.9	-34%	1793.3	84%	92.2	-4%	1985.2	73%
M. MALKAJGIRI	6.4	-47%	87.9	28%	850.9	56%	148.0	13%	1093.2	44%
MAHABUBABAD	92.3	346%	11.2	-85%	1167.2	34%	137.8	-1%	1408.4	27%
MAHABUBNAGAR	12.6	82%	78.8	16%	847.9	64%	182.0	58%	1121.2	58%
MANCHERIAL	28.3	63%	48.9	2%	1593.8	70%	60.5	-46%	1731.5	55%
MEDAK	9.7	-43%	61.1	-8%	988.4	29%	96.9	-21%	1156.0	19%
MULUGU	82.0	300%	17.2	-74%	1759.3	80%	111.2	-6%	1969.8	66%
NAGARKURNOOL	27.0	671%	37.0	-43%	613.3	24%	145.1	12%	822.4	19%
NALGONDA	46.9	219%	23.0	-61%	505.9	-5%	144.4	-10%	720.1	-6%
NARAYANPET	0.4	-94%	87.5	52%	748.7	61%	133.0	33%	969.6	54%
NIRMAL	24.3	15%	19.6	-50%	1599.6	81%	67.0	-35%	1710.5	63%
NIZAMABAD	16.0	-23%	29.2	-39%	1577.7	91%	75.4	-28%	1698.3	70%
PEDDAPALLE	50.9	117%	26.4	-49%	1373.9	57%	87.1	-21%	1538.4	45%
RAJANNA SIRCILLA	40.5	124%	44.3	-30%	1200.7	74%	123.1	11%	1408.7	59%
RANGAREDDY	6.4	-45%	51.8	-31%	647.4	17%	145.5	9%	851.1	10%
SANGAREDDY	1.2	-91%	61.8	-2%	841.9	20%	128.4	10%	1033.3	15%
SIDDIPET	30.0	76%	33.0	-43%	836.5	34%	117.6	5%	1017.1	25%
SURYAPET	64.0	354%	15.3	-65%	671.3	8%	144.6	-3%	895.2	8%
VIKARABAD	1.8	-82%	110.6	43%	792.7	20%	159.8	32%	1064.8	22%
WANAPARTHY	10.4	32%	35.0	-49%	632.6	15%	189.9	53%	867.9	16%
WARANGAL	126.3	555%	10.9	-84%	953.2	4%	112.7	-3%	1203.1	8%
Y. BHUVANAGIRI	52.1	264%	55.0	-15%	684.8	28%	78.9	-50%	870.8	13%
TAMIL. PUDU.& KARAIKAL	42.6	72%	166.6	33%	476.2	45%	445.7	1%	1131.0	23%
TAMILNADU	42.4	72%	166.5	33%	476.8	45%	444.8	1%	1130.6	23%
ARIYALUR	91.2	277%	147.6	74%	422.5	34%	398.7	-21%	1059.9	14%
CHENGALPATTU	37.8	48%	37.3	-32%	308.7	-22%	738.1	4%	1121.9	-5%
CHENNAI	56.1	43%	29.0	-41%	437.3	-2%	924.6	14%	1447.0	7%
COIMBATORE	8.8	-50%	302.9	88%	1373.1	99%	466.9	38%	2151.7	78%
CUDDALORE	94.4	128%	148.5	86%	477.0	34%	612.1	-13%	1332.0	13%
DHARMAPURI	9.6	-18%	229.9	35%	561.9	48%	363.9	16%	1165.2	33%
DINDIGUL	65.8	183%	212.3	24%	480.2	59%	545.3	19%	1303.6	36%
ERODE	11.6	3%	239.0	63%	443.1	66%	485.3	58%	1179.0	61%
KALLAKURICHI	33.8	69%	97.1	18%	313.2	-22%	372.2	-18%	816.4	-15%
KANCHEEPURAM	52.9	152%	134.6	91%	416.6	-12%	800.5	35%	1404.6	22%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
KANYAKUMARI	43.9	13%	371.6	37%	301.1	-39%	540.6	2%	1257.3	-6%
KARUR	13.1	27%	125.2	13%	260.3	29%	324.1	3%	722.7	14%
KRISHNAGIRI	4.3	-46%	211.6	39%	607.5	71%	381.2	37%	1204.7	51%
MADURAI	21.7	6%	175.5	25%	482.9	63%	438.4	18%	1118.5	35%
MAYILADUTHURAI	147.7	176%	117.6	37%	352.2	16%	929.8	5%	1547.3	16%
NAGAPATTINAM	286.3	346%	82.6	-9%	325.9	32%	639.2	-32%	1334.0	0%
NAMAKKAL	11.8	15%	171.0	17%	494.9	49%	378.9	40%	1056.7	39%
NILGIRIS	41.9	7%	366.4	72%	1898.6	125%	434.2	-13%	2741.2	72%
PERAMBALUR	63.6	290%	127.0	41%	489.1	76%	364.1	-16%	1043.8	28%
PUDUKKOTTAI	78.7	304%	94.8	8%	357.7	21%	311.4	-19%	842.6	7%
RAMANATHAPURAM	45.2	-4%	85.9	-20%	182.6	38%	383.5	-28%	697.2	-15%
RANIPET	26.9	65%	118.3	47%	665.2	51%	441.7	9%	1252.0	33%
SALEM	11.3	14%	242.8	48%	492.8	21%	361.1	9%	1108.0	21%
SIVAGANGA	20.5	-19%	140.8	7%	585.7	85%	385.1	-9%	1132.2	26%
TENKASI	51.0	-6%	216.9	21%	166.9	-3%	420.4	-10%	855.2	-2%
THANJAVUR	113.3	207%	126.6	29%	458.5	51%	466.6	-19%	1165.0	15%
THENI	18.5	-37%	235.2	38%	608.9	156%	417.4	15%	1280.0	59%
TIRUNELVELI	69.2	19%	166.9	28%	139.5	51%	417.8	-19%	793.5	0%
TIRUPATTUR	8.0	-14%	200.2	72%	591.6	39%	412.0	55%	1211.8	48%
TIRUPPUR	15.3	58%	159.2	24%	264.5	70%	391.4	28%	830.5	39%
TIRUVALLUR	58.4	104%	78.5	19%	493.1	6%	716.3	15%	1346.3	14%
TIRUVANNAMALAI	23.3	18%	130.0	31%	521.5	16%	499.6	11%	1174.4	15%
TIRUVARUR	168.5	269%	145.3	40%	525.4	77%	487.5	-33%	1326.7	13%
TOOTHUKUDI	23.0	-35%	127.0	19%	120.1	78%	309.7	-30%	579.8	-11%
TRICHY	36.2	155%	123.7	18%	403.5	46%	290.7	-23%	854.2	10%
VELLORE	45.4	213%	143.1	38%	454.9	5%	332.4	-12%	975.9	5%
VILLUPURAM	46.3	100%	90.5	43%	388.7	-2%	484.6	-9%	1010.1	0%
VIRUDHUNAGAR	20.7	-35%	144.2	-2%	275.3	40%	415.9	4%	856.0	11%
PUDUCHERRY (UT)	83.5	69%	183.8	92%	367.3	-12%	662.0	-23%	1296.5	-9%
KARAIKAL	190.0	150%	145.3	51%	225.0	-25%	709.9	-30%	1270.2	-15%
MAHE	0.0	-100%	604.6	126%	2005.8	-16%	229.6	-39%	2840.0	-6%
PUDUCHERRY	33.8	-14%	201.4	120%	333.9	-14%	667.6	-20%	1236.7	-8%
YANAM	21.6	5%	92.2	20%	965.8	27%	479.8	4%	1559.4	18%
KARNATAKA	0.5	-90%	255.5	117%	1075.2	29%	235.3	33%	1566.5	38%
COASTAL KARNATAKA	0.6	-80%	330.9	113%	3235.4	5%	196.4	-26%	3763.2	7%
DAKSHINA KANNADA	1.4	-77%	447.6	88%	3459.5	4%	283.3	-25%	4191.8	6%
UDUPI	0.4	-81%	434.0	144%	3784.3	1%	211.7	-30%	4430.4	4%
UTTARA KANNADA	0.3	-84%	239.9	122%	2938.0	7%	150.1	-23%	3328.3	9%
N. I. KARNATAKA	0.4	-90%	162.9	105%	647.3	35%	168.6	28%	979.3	41%
BAGALKOTE	0.0	-100%	164.5	111%	516.4	49%	185.0	39%	866.0	54%
BELAGAVI	0.0	-100%	192.0	118%	757.3	32%	198.5	49%	1147.7	44%

DISTRICT-WISE RAINFALL STATISTICS

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
BIDAR	3.7	-64%	78.6	24%	847.6	32%	139.4	26%	1069.3	29%
DHARWAD	0.0	-100%	300.9	134%	650.4	25%	200.2	41%	1151.4	45%
GADAG	0.0	-100%	281.8	171%	630.7	77%	173.4	23%	1085.8	80%
HAVERI	0.0	-98%	394.8	220%	699.9	41%	197.7	26%	1292.3	66%
KALABURGI	0.9	-88%	79.6	25%	696.8	22%	131.2	12%	908.5	19%
KOPPAL	0.0	-100%	146.5	84%	487.4	27%	189.0	32%	822.9	35%
RAICHUR	0.5	-89%	90.8	45%	557.8	32%	180.5	39%	829.6	34%
VIJAYAPURA	0.1	-96%	107.4	71%	542.8	40%	137.3	7%	787.7	35%
YADGIR	0.0	-100%	132.4	122%	744.1	44%	141.1	11%	1017.6	44%
S. I. KARNATAKA	0.5	-90%	319.5	124%	1008.1	49%	300.1	51%	1628.3	59%
BALLARI	0.0	-100%	148.0	85%	552.2	49%	262.9	81%	963.0	61%
BENGALURU RURAL	1.4	-75%	240.6	71%	801.9	85%	330.7	58%	1374.7	74%
BENGALURU URBAN	1.3	-80%	379.2	143%	868.6	92%	379.2	83%	1628.2	98%
CHAMARAJANAGAR	0.2	-98%	365.5	83%	724.8	107%	387.4	37%	1478.0	75%
CHIKABALLAPURA	1.1	-82%	233.1	122%	689.6	65%	315.6	55%	1239.4	69%
CHIKKAMAGALURU	2.2	-62%	328.8	94%	2025.9	35%	207.9	-9%	2564.8	35%
CHITRADURGA	0.0	-99%	215.7	106%	601.7	103%	244.2	59%	1061.7	90%
DAVANGERE	0.0	-100%	317.0	200%	653.7	69%	277.1	74%	1247.8	90%
HASSAN	0.0	-100%	445.3	164%	1061.8	56%	354.5	70%	1861.6	75%
KODAGU	0.7	-94%	441.8	71%	2645.4	18%	269.8	-9%	3357.7	19%
KOLAR	3.2	-53%	178.8	48%	759.9	88%	376.1	72%	1318.0	76%
MANDYA	0.9	-87%	416.7	150%	818.6	162%	382.9	81%	1619.0	132%
MYSURU	0.1	-99%	407.6	113%	665.9	80%	391.3	103%	1464.8	93%
RAMANAGARA	0.2	-97%	354.8	99%	800.4	74%	444.1	110%	1599.5	87%
SHIVAMOGGA	0.0	-99%	423.1	278%	1746.3	7%	157.1	-13%	2326.5	21%
TUMAKURU	0.1	-98%	280.3	120%	754.3	99%	293.8	57%	1328.5	89%
KERALA & MAHE	14.9	-29%	669.3	86%	1736.7	-14%	476.1	-3%	2897.0	0%
KERALA	14.9	-29%	669.3	86%	1736.6	-14%	476.2	-3%	2897.1	0%
ALAPUZHA	27.3	-30%	709.2	61%	1159.6	-29%	576.9	2%	2472.9	-8%
CANNUR	0.1	-97%	513.2	99%	2334.5	-11%	231.3	-41%	3079.1	-6%
ERNAKULAM	21.1	-29%	1007.7	140%	1741.9	-18%	645.1	11%	3415.8	9%
IDUKKI	26.3	-1%	800.7	83%	2171.7	-16%	698.9	23%	3697.6	3%
KASARGOD	1.0	-78%	473.0	80%	2785.7	-2%	269.6	-21%	3529.2	2%
KOLLAM	24.1	-41%	702.3	62%	998.7	-21%	540.5	-14%	2265.6	-4%
KOTTAYAM	17.2	-45%	972.4	116%	1614.0	-15%	659.6	15%	3263.2	10%
KOZHIKODE	3.7	-28%	679.1	98%	2246.4	-12%	444.2	-2%	3373.4	0%
MALAPPURAM	0.0	-100%	485.4	60%	1626.3	-17%	347.3	-24%	2459.0	-10%
PALAKKAD	0.2	-98%	396.5	62%	1463.1	-6%	289.4	-22%	2149.2	-2%
PATHANAMTHITTA	47.3	-3%	947.8	80%	1324.5	-16%	858.8	37%	3178.5	14%
THIRUVANANTHAPURAM	57.1	55%	559.0	49%	592.9	-30%	550.5	0%	1759.4	-3%
THRISSUR	0.1	-99%	717.8	114%	1755.3	-18%	335.9	-31%	2809.1	-5%

MET. SUBDIVISION/ UT/ STATE/DISTRICT (NAME)	Winter		Pre-Monsoon		SW-Monsoon		Post-Monsoon		Annual	
WYNAD	0.1	-99%	515.3	98%	2263.1	-8%	265.9	-18%	3044.4	-1%
MAHE	0.0	-100%	604.6	126%	2005.8	-16%	229.6	-39%	2840.0	-6%
LAKSHADWEEP	17.8	-31%	384.2	95%	1391.2	36%	302.7	-10%	2095.9	32%

6.2 CATEGORYWISE SEASONAL AND ANNUAL DISTRIBUTION OF DISTRICT RAINFALL

The category-wise seasonal and annual distribution of no. of districts of India has been given in Table 24 and a chart depicting the distribution is also given at Figure 107. It may be observed that in southwest monsoon and annually, 568 no. of districts out of the 703 districts experienced large excess/ Excess/Normal category of rainfall. Annually and during southwest monsoon season only 4 & 7 no of districts remained in Large Deficient category of rainfall respectively. During Winter, Pre-Monsoon and Post-monsoon seasons, the number of No Rain category of rainfall districts were 37, 43 and 6 respectively.

Table 24: Category-wise Number of Districts - Seasonally and Annually - Year 2022

CATEGORY	WINTER	PRE-MONSOON	MONSOON	POST-MONSOON	ANNUAL
L. EXCESS	343	91	54	190	43
EXCESS	116	82	173	123	183
NORMAL	97	143	279	217	342
DEFICIENT	54	203	190	123	125
L. DEFICIENT	52	138	7	42	4
NO RAIN	37	43	0	6	0
NO DATA	4	3	0	2	6
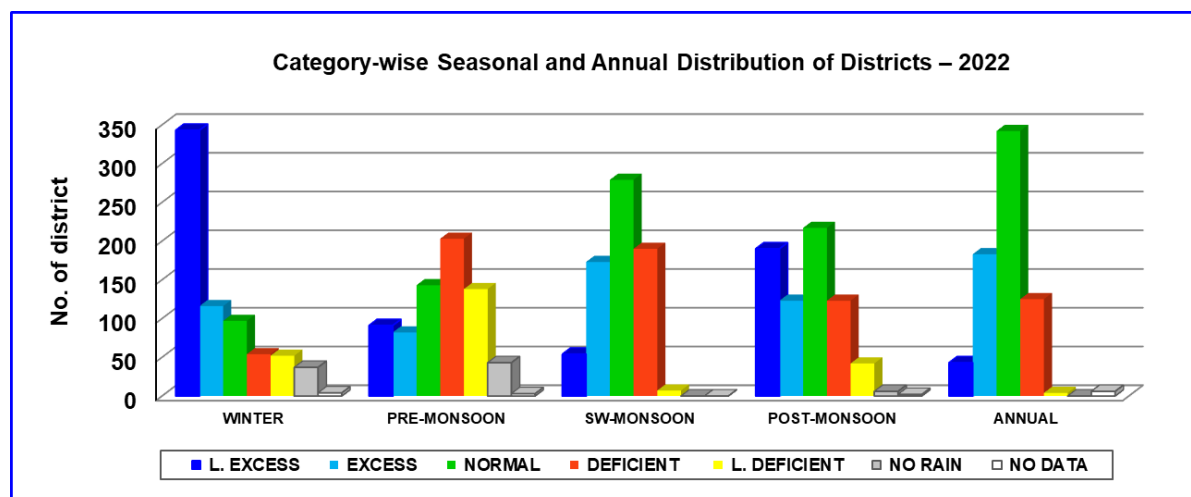
Figure 107: Categorywise Seasonal and Annual Distribution of No. of Districts – 2022

Distribution of districts of India in terms of their areas under different categories in the four seasons and for the year 2022 has been depicted in Figure 108.
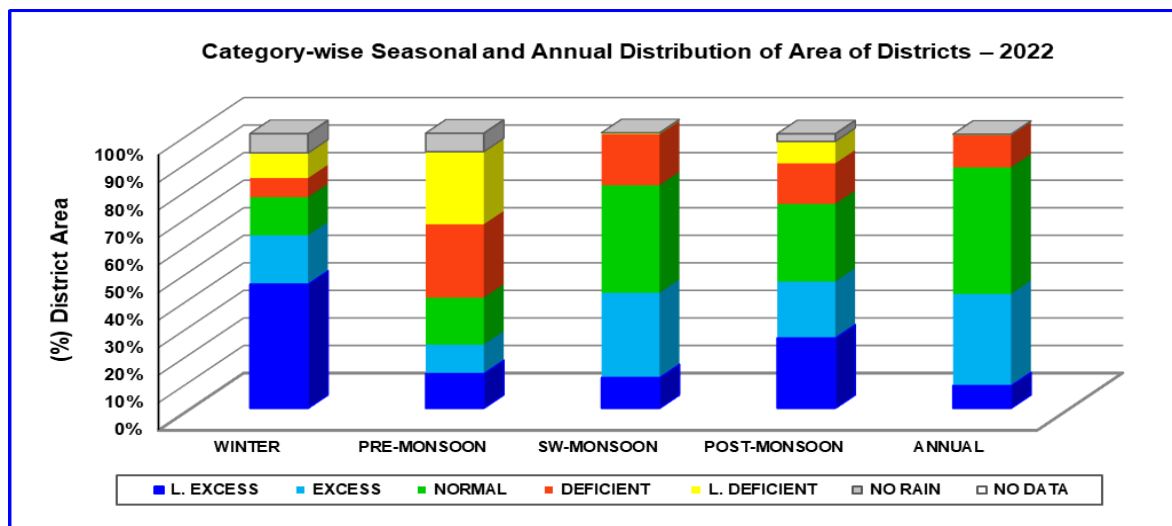
Figure 108: Category-wise distribution of Area of Districts – Seasonally and Annually – Year 2022

6.3　RAINFALL DEFICIENCY – SW Monsoon 2022

　　Area (%) of the districts of India during SW monsoon (June-September) under different categories of rainfall deficiency have been given below in tabular form in Table 25 and has been depicted in graphical form in Figure 108 as well.

Table 25: Area (%) of Districts of the country under Rainfall Deficiency - Monsoon 2022

Deficiency in Rainfall	% Area of Districts of India
< 26 % or No deficiency	86%
26 % or more but < 50 %	11%
50 % or more	3%

It may be observed from Figures 12, 69 and 108 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. In all, it may be seen that 3% area of districts of the country exhibit 50% or more deficiency in rainfall where as 86% area of districts of the country that recorded no deficiency in rainfall. Remaining 3% area of the country observed 26% or less deficient of rainfall during the South-West Monsoon season.
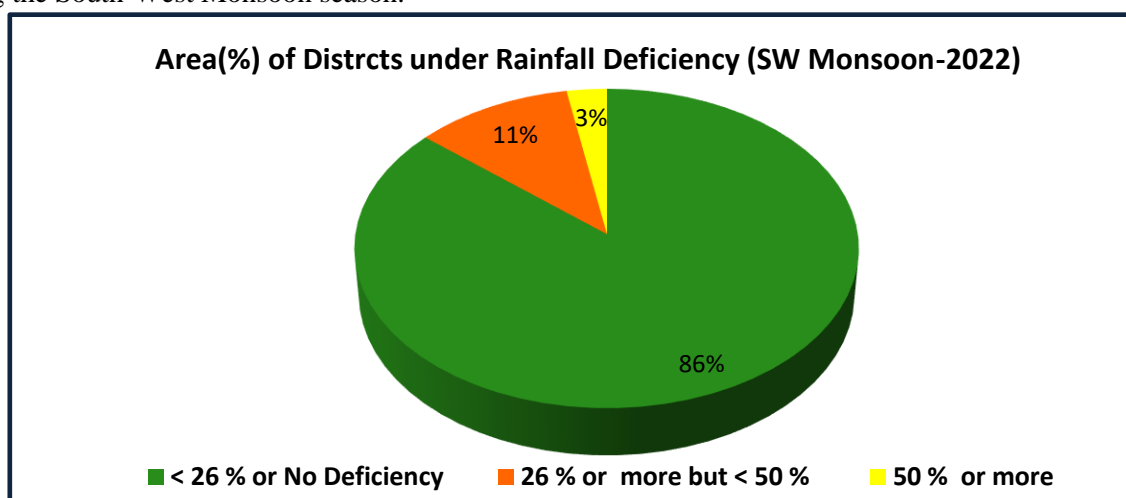
Figure 108: Area (%) of Districts under Rainfall Deficiency – SW Monsoon 2022

6.4 MONTHLY RAINFALL STATISTICS

The district-wise observed monthly rainfall is given in Table 27. Also, the percent departures of observed monthly rainfall from their normal have been given in Table 28. The rainfall statistics in respect of the districts whose data is not available throughout the year have not been included in these tables.

Table 27: District-wise Monthly Rainfall (mm) – Year 2022

Met Sub-Division/ State/UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A & N ISLAND	**52.9**	**144.2**	**132.7**	**44.1**	**606.5**	**285.3**	**523.7**	**384.7**	**397.6**	**319.5**	**178.5**	**168.9**
NICOBAR	60.2	281.6	222.8	51.2	297.0	270.8	355.5	241.9	305.9	338.2	204.7	292.5
NORTH & MIDDLE ANDAMAN	33.8	117.9	113.5	22.2	924.3	329.2	720.4	571.3	577.1	346.8	223.9	180.2
SOUTH ANDAMAN	69.3	88.0	98.0	63.7	451.1	246.4	413.0	269.5	258.3	278.2	112.9	80.2
ARUNACHAL PRADESH	**47.0**	**85.8**	**77.4**	**432.9**	**327.9**	**599.3**	**322.3**	**177.9**	**330.7**	**335.5**	**0.9**	**23.0**
ANJAW	74.4	106.6	94.5	754.3	251.8	214.0	145.2	116.6	104.6	197.1	0.0	45.6
CHANGLANG	43.6	53.4	36.6	471.2	488.8	604.3	380.0	163.8	348.8	206.3	0.0	17.2
DIBANG VALLEY	82.6	135.4	127.5	616.4	238.6	405.9	579.5	2.0	0.0			
EAST KAMENG	5.6	40.4	61.0	53.0	226.1	595.7	187.1	154.6	370.7	298.0	0.0	0.0
EAST SIANG	47.4	98.2	97.2	564.0	639.9	1415.6	379.0	362.4	582.1	823.1	0.0	40.2
KURUNG KUMEY	51.4	92.4	274.3	628.4	332.5	476.3	218.4	192.7	231.0	280.4	3.1	34.8
LOHIT	21.1	42.7	45.7	327.3	505.7	617.3	325.6	348.2	142.9	141.1	0.0	5.9
LOWER DIBANG VALLEY	80.3	98.1	74.4	775.0	545.9	1123.5	518.6	226.5	353.9	572.0	0.0	42.0
LOWER SUBANSIRI	7.4	75.4	40.9	170.5	165.9	170.1	51.0	65.4	46.6	79.2	1.6	7.2
PAPUMPARA	41.7	79.5	64.4	633.9	510.5	873.9	382.3	243.9	276.7	525.6	0.0	13.6
TAWANG	1.8	18.0	47.3	187.2	136.3	281.8	264.8	173.7	232.1	175.8	1.8	10.9
TIRAP						178.3	663.2	289.3	222.3	67.0	0.0	7.4
UPPER SIANG	92.5	135.2	260.9	663.5	381.3	678.0	217.6	122.8	730.4	525.1	3.2	44.3
UPPER SUBANSIRI	19.4	52.2	26.2	203.2	184.7	266.0	169.1	206.0	315.0	74.0	2.8	23.0
WEST KAMENG	16.1	41.2	6.5	104.7	232.0	545.0	256.6	230.3	235.2	348.9	0.3	1.2
WEST SIANG	42.2	116.4	30.6	390.8	266.2	695.7	187.5	171.0	550.1	311.0	1.0	31.4
ASSAM & MEGHALAYA	**23.7**	**51.7**	**47.2**	**341.8**	**516.4**	**861.9**	**292.1**	**216.9**	**229.9**	**221.2**	**0.3**	**4.8**
ASSAM	**23.5**	**52.3**	**44.3**	**318.1**	**398.5**	**673.7**	**273.9**	**207.0**	**185.9**	**193.2**	**0.1**	**5.3**
BAKSA	15.7	35.3	61.8	662.7	549.7	1014.2	289.1	217.9	195.2	247.9	0.0	3.2
BARPETA	16.4	66.4	37.0	537.0	457.8	1359.5	279.4	327.7	215.1	206.4	0.0	7.7
BONGAIGAON	14.6	87.4	24.6	676.8	678.0	1526.8	306.2	425.2	238.8	192.8	0.0	0.0
CACHAR	27.1	34.1	84.7	244.1	672.2	885.7	552.6	205.0	253.8	129.2	0.6	8.6
CHIRANG	31.2	72.0	36.7	422.2	604.8	1817.0	273.0	460.8	270.4	208.4	0.0	0.0
DARRANG	23.1	37.1	12.3	211.8	300.7	592.2	128.4	90.2	96.1	174.5	0.0	0.0
DHEMAJI	32.4	93.0	45.8	522.3	570.8	1266.0	460.4	353.7	358.1	396.9	0.0	25.9
DHUBRI	3.2	57.1	18.1	350.0	514.2	1088.1	176.2	208.2	125.6	252.7	0.0	0.0
DIBRUGARH	31.5	60.3	60.4	409.5	304.4	515.0	339.2	276.2	237.0	226.0	0.0	17.9
GOALPARA	9.1	72.5	12.4	268.4	477.0	1011.4	177.9	387.8	77.5	278.6	0.0	0.0
GOLAGHAT	24.9	62.8	30.0	188.2	140.8	256.3	195.5	224.2	123.8	154.5	0.0	1.8
HAILAKANDI	16.4	21.7	91.7	193.0	602.8	702.1	429.7	263.1	375.0	156.5	0.8	5.6
JORHAT	23.7	62.4	48.6	307.1	281.3	340.0	345.0	171.3	285.6	239.0	0.0	9.2

DISTRICT-WISE RAINFALL STATISTICS

Met Sub-Division/ State/UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
KAMRUP (RURAL)	12.0	31.6	1.6	182.2	363.4	728.5	182.9	68.2	123.3	155.9	0.0	0.0
KAMRUP METRO.	31.4	44.7	6.5	105.2	309.6	472.1	183.5	92.5	118.7	170.7	0.0	0.0
KARBI ANGLONG	36.3	31.0	5.8	106.5	170.1	179.6	182.4	131.0	142.5	163.3	0.0	2.5
KARIMGANJ	52.8	41.4	151.9	234.6	1101.8	1314.3	571.2	249.9	427.0	209.8	0.0	11.5
KOKRAJHAR	4.0	59.0	34.1	569.0	680.6	1543.6	428.5	402.0	371.8	379.0	0.0	0.0
LAKHIMPUR	25.1	93.4	34.5	405.6	454.2	891.7	322.9	326.0	325.8	448.1	0.0	10.3
MORIGAON	32.5	22.1	10.7	119.9	183.4	282.6	195.4	84.3	75.9	156.1	0.5	0.0
N. C. HILLS	8.3	68.6	190.9	433.3	493.3	438.0	148.7	122.0	103.1	78.2	0.0	5.4
NAGAON	31.0	20.0	4.5	80.2	95.1	188.3	100.9	113.8	67.3	105.4	0.0	2.5
NALBARI	22.2	47.7	40.8	458.4	486.1	1045.0	284.9	174.3	82.5	205.9	0.0	1.1
SHONITPUR	18.5	39.0	34.0	271.6	385.8	439.6	178.9	115.6	145.4	146.5	0.0	0.8
SIBSAGAR	26.2	66.2	32.4	323.4	248.5	308.5	412.4	215.7	199.5	119.3	0.0	2.1
TINSUKIA	34.3	65.4	45.7	420.0	325.1	489.4	448.3	317.8	221.8	129.8	0.1	16.8
UDALGURI	16.4	95.7	76.6	425.2	537.8	786.7	210.4	137.4	104.4	178.6	0.0	1.6
MEGHALAYA	**24.4**	**49.4**	**57.6**	**428.7**	**947.5**	**1495.8**	**353.5**	**250.1**	**377.8**	**315.4**	**1.0**	**3.2**
EAST GARO HILLS	19.4	88.5	5.3	153.6	1064.4	1429.2	360.2	576.0	1109.4	455.2	0.0	3.3
EAST JAINTIA HILLS	25.1	65.6	126.5	953.6	1578.4	2407.6	496.0	189.4	513.0	386.5	0.0	0.0
EAST KHASI HILLS	17.3	44.9	252.8	1006.4	1469.5	3211.1	628.3	446.0	586.0	414.4	0.3	7.6
NORTH GARO HILLS						633.5	129.0	204.2	127.9	199.9	0.0	0.0
RI-BHOI	64.5	35.6	3.7	88.7	385.4	316.5	245.8	223.0	165.2	239.5	6.5	2.8
SOUTH GARO HILLS	0.5	26.8	1.6	194.2	531.4	1255.9	273.9	198.0	434.0	235.3	0.0	0.5
SOUTH WEST GARO HILLS						608.0	238.5	201.1	157.0	265.0	0.0	0.0
SOUTH WEST KHASI HILLS		41.3	31.8	547.6	2508.6	3102.8	357.3	269.1	453.0	427.3	0.0	2.8
WEST GARO HILLS	9.6	50.4	51.1	411.5	548.3	839.1	291.8	185.0	229.5	345.2	0.0	0.0
WEST JAINTIA HILLS	30.9	35.4	19.5	691.1	1092.0	1774.8	290.2	110.9	164.8	213.7	4.9	0.5
WEST KHASI HILLS	27.9	54.6	10.5	128.2	628.0	1155.7	356.4	214.2	324.9	273.8	0.0	7.8
NMMT	**20.5**	**28.7**	**29.6**	**100.0**	**289.6**	**283.7**	**253.0**	**223.0**	**183.7**	**151.9**	**0.7**	**9.6**
NAGALAND	**32.2**	**45.8**	**11.5**	**181.3**	**212.4**	**245.4**	**244.4**	**191.3**	**218.0**	**103.2**	**0.5**	**11.9**
DIMAPUR	30.9	27.9	3.8	166.9	205.9	124.5	267.3	191.4	146.7	81.9	9.4	15.0
KIPHIRE	22.7	39.1	9.8	118.1	141.1	231.5	82.9	98.6	191.8	81.2	0.0	20.9
KOHIMA	31.0	53.1	2.3	109.8	223.3	182.9	205.9	63.1	165.9	76.0	0.0	9.0
LONGLENG	28.0	7.7	16.8	159.3	190.9	308.5	227.4	312.7	202.6	70.1	0.0	13.3
MOKOKCHUNG	33.9	51.0	23.7	263.1	266.8	268.4	336.4	353.2	183.1	104.6	0.0	9.7
MON	22.2	33.6	29.3	471.1	312.7	329.3	155.0	201.8	204.7			
PAREN	52.5	46.0	13.8	96.4	331.3	352.2	253.0	144.6	160.9	71.3	0.0	6.6
PHEK	18.4	26.1	7.6	80.8	123.4	181.9	170.4	152.0	165.7	141.7	0.0	8.4
TUENSANG	36.0	61.1	11.4	127.0	148.6	234.2	270.7	220.3	296.4	76.6	0.0	11.4
WOKHA	48.2	38.2	7.3	231.0	277.0	373.5	307.5	160.6	225.3	145.2	0.0	7.0
ZUNHEBOTO	46.3	49.2	13.3	195.2	324.2	328.7	442.4	385.1	301.2	179.9	0.0	24.3
MANIPUR	**29.7**	**31.1**	**64.1**	**98.3**	**279.4**	**234.3**	**134.9**	**91.7**	**83.8**	**164.1**	**1.4**	**12.4**
BISHNUPUR	8.4	27.7	32.2	139.5	298.4	267.0	108.9	73.6	78.8	144.7	2.1	9.0
CHANDEL	31.6	7.0	19.8	65.8	194.5	149.5	201.3	100.1	55.6	187.0	2.2	7.4
CHURACHANDPUR	14.4	9.8	75.0	128.8	237.9	230.1	80.9	58.3	9.5	115.8	3.6	14.9
IMPHAL EAST	24.6	36.5	19.6	94.6	286.5	289.0	146.3	47.3	95.8	95.8	0.3	4.4

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IMPHAL WEST	23.2	34.7	32.8	152.9	440.7	564.9	308.1	203.5	178.2	152.1	0.0	10.9
SENAPATI	36.4	54.2	114.9	121.0	403.3	249.5	151.8	102.2	116.8	136.8	0.0	11.9
TAMENGLONG	83.7	170.8	151.2	453.2	865.9	978.3	326.4	171.2	300.0	283.5	0.0	47.6
THOUBAL	15.4	32.1	15.1	94.0	281.5	195.0	72.3	86.4	31.2	84.7	0.0	6.3
UKHRUL	44.4	52.6	68.6	65.5	272.2	244.2	117.1	108.4	149.2	238.8	0.0	16.4
MIZORAM	**6.5**	**17.1**	**14.1**	**50.5**	**328.8**	**313.9**	**392.9**	**350.7**	**206.6**	**144.1**	**0.7**	**7.4**
AIZWAL	10.1	13.5	28.2	49.1	342.6	330.0	342.9	352.1	178.7	133.0	0.6	5.0
CHAMPHAI	3.6	5.3	13.0	41.9	276.9	266.9	325.6	304.9	149.2	115.3	0.0	6.4
KOLASIB	17.1	21.3	10.8	126.3	540.4	463.2	675.1	424.6	285.2	176.2	2.5	13.0
LAWNGTLAI	3.8	15.9	6.6	22.5	264.1	316.7	271.2	310.4	284.3	183.4	0.9	1.9
LUNGLEI	2.3	6.5	8.2	48.7	279.2	228.6	354.7	376.4	151.8	109.8	0.0	4.3
MAMIT	8.6	22.7	20.4	70.1	439.5	449.2	564.1	357.6	262.8	130.0	0.6	20.6
SAIHA	3.0	77.2	4.4	20.5	318.2	304.9	358.5	408.1	282.9	278.4	0.0	2.5
SERCHHIP	11.2	12.6	13.9	44.3	257.7	228.2	409.4	295.0	174.1	140.9	3.3	7.7
TRIPURA	**12.7**	**18.5**	**32.2**	**64.1**	**359.5**	**373.0**	**189.1**	**245.6**	**250.6**	**221.5**	**0.0**	**6.0**
DHALAI	11.7	20.6	63.4	44.8	360.0	349.7	184.9	345.1	232.2	253.2	0.0	7.4
GOMATI	6.6	14.3	8.8	61.1	109.5	336.0	130.0	204.0	204.6	245.4	0.0	2.3
KHOWAI	14.7	18.0	15.3	48.9	267.7	200.8	214.7	294.9	261.0	157.1	0.0	6.4
NORTH TRIPURA	26.2	20.3	24.5	97.5	443.3	445.0	293.1	396.2	272.0	244.6	0.0	13.5
SIPAHIJALA	8.5	19.1	27.8	65.6	293.0	411.4	156.9	78.9	295.8	247.9	0.0	1.5
SOUTH TRIPURA	9.8	14.1	22.8	75.7	496.1	375.6	191.7	148.7	233.0	161.6	0.0	2.5
UNAKOTI	16.0	35.4	45.6	80.8	471.8	501.0	218.2	241.0	317.4	234.0	0.0	12.0
WEST TRIPURA	9.1	14.2	32.7	52.4	512.5	438.1	121.6	121.3	264.4	195.6	0.5	3.4
SHWB & SIKKIM	**19.6**	**65.2**	**42.4**	**232.7**	**314.2**	**735.2**	**362.6**	**398.1**	**391.0**	**199.8**	**1.8**	**1.5**
SIKKIM	**54.3**	**121.0**	**115.4**	**345.3**	**369.2**	**628.4**	**332.3**	**459.1**	**575.2**	**291.5**	**4.5**	**4.5**
EAST SIKKIM	13.1	52.6	74.9	264.5	332.5	557.9	347.2	421.0	388.3	164.0	2.8	0.3
NORTH SIKKIM	85.2	174.6	146.2	480.2	464.9	739.6	331.6	506.0	680.1	409.0	6.7	7.5
SOUTH SIKKIM	5.4	47.1	79.6	75.5	173.5	365.0	286.6	323.4	352.1	108.4	0.0	0.0
WEST SIKKIM	7.3	30.1	60.1	96.1	178.4	452.4	352.5	407.6	491.3	87.7	0.6	0.0
WEST BENGAL	**20.2**	**48.7**	**4.9**	**51.9**	**184.8**	**284.7**	**236.3**	**344.0**	**258.6**	**124.1**	**0.2**	**0.3**
COOCH BEHAR	2.8	59.5	31.2	424.9	494.3	1199.8	389.6	357.0	272.9	158.5	0.0	0.0
DARJEELING	9.3	35.5	18.2	104.0	303.6	824.4	570.8	552.3	585.3	201.9	1.5	2.4
JALPAIGURI	10.0	43.2	32.8	362.3	359.5	1303.5	606.4	551.5	485.5	259.8	2.4	0.5
MALDA	14.6	58.3	6.5	25.6	158.0	86.9	98.8	178.6	161.3	90.9	0.0	0.0
NORTH DINAJPUR	4.0	35.3	0.0	39.4	221.6	395.9	167.1	229.8	167.4	128.3	0.0	0.0
SOUTH DINAJPUR	6.9	53.2	7.3	19.7	145.2	217.0	158.9	224.7	144.7	82.1	0.0	0.5
GANGETIC WEST BENGAL	**24.1**	**49.3**	**0.4**	**4.8**	**148.3**	**126.2**	**191.9**	**332.8**	**234.8**	**109.1**	**0.0**	**0.2**
BANKURA	30.0	62.8	0.0	6.6	120.3	136.7	148.1	403.8	193.9	97.6	0.0	0.0
BIRBHUM	16.3	83.7	0.0	8.9	167.0	85.0	100.4	193.6	259.7	132.5	0.0	1.2
BURDWAN	21.8	55.5	0.0	11.6	159.3	136.0	153.9	235.6	220.8	95.0	0.0	0.1
EAST MIDNAPORE	18.7	46.6	4.1	2.9	182.0	141.9	323.2	506.6	341.3	138.6	0.0	0.0
HOOGHLY	26.6	29.2	0.0	1.2	173.2	192.0	148.4	277.0	174.0	93.7	0.0	0.0
HOWRAH	35.5	33.3	0.0	0.0	182.9	117.7	254.6	201.4	227.0	153.1	0.0	0.0
KOLKATA	13.0	30.8	0.0	0.2	242.3	115.8	275.2	291.0	223.5	133.3	0.0	0.0

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MURSHIDABAD	7.6	62.1	0.0	7.4	119.9	90.9	76.4	157.0	233.5	90.0	0.0	0.8
NADIA	21.2	37.0	0.0	1.2	126.1	92.1	100.1	132.7	151.9	54.8	0.0	0.0
NORTH 24 PARGANAS	23.9	30.8	0.0	1.1	223.1	109.1	161.6	253.2	246.7	109.3	0.0	0.6
PURULIA	30.2	46.9	0.0	8.6	97.3	132.5	205.0	447.7	182.9	117.7	0.0	0.0
SOUTH 24 PARGANAS	17.7	50.5	0.6	0.2	162.4	147.2	278.1	443.4	341.2	110.0	0.0	0.0
WEST MIDNAPORE	38.2	35.7	0.5	3.6	133.0	118.9	254.0	402.9	190.2	127.4	0.0	0.0
ODISHA	**43.4**	**10.0**	**0.7**	**12.9**	**77.1**	**131.6**	**376.6**	**479.9**	**208.6**	**123.8**	**1.7**	**0.3**
ANGUL	38.9	2.1	0.0	3.1	69.7	147.0	323.1	415.9	109.8	115.6	0.0	0.0
BALASORE	15.4	39.9	0.3	8.8	78.4	156.8	371.7	465.9	204.8	209.4	0.0	0.0
BARGARH	29.9	5.6	0.1	5.9	20.4	122.2	446.2	418.7	157.0	73.9	0.0	0.0
BHADRAK	35.3	30.7	0.0	0.5	106.0	100.3	281.7	312.6	166.5	212.9	0.0	1.3
BOLANGIR	44.0	0.3	0.0	9.2	21.1	97.1	334.3	417.6	165.9	59.9	0.0	0.0
BOUDHGARH	35.9	0.5	0.0	0.0	87.4	247.6	418.8	541.3	138.3	88.2	0.0	0.0
CUTTACK	43.5	13.3	0.0	0.0	110.6	135.2	355.3	389.0	249.2	196.1	0.0	0.3
DEOGARH	40.8	11.9	1.1	0.0	103.2	129.2	456.3	598.3	129.1	82.2	0.0	0.0
DHENKANAL	53.4	10.7	0.0	5.1	116.1	203.3	400.2	491.7	194.9	117.4	0.0	0.1
GAJAPATI	53.8	0.9	10.8	29.4	116.9	131.5	314.5	345.6	321.1	201.1	5.5	2.3
GANJAM	36.2	3.9	0.0	15.4	84.2	97.8	267.0	337.1	264.9	261.6	0.7	0.2
JAGATSINGHPUR	17.6	11.4	0.0	0.0	44.9	74.8	426.3	383.9	284.8	196.8	0.0	0.3
JAJPUR	40.3	26.9	0.6	0.0	138.6	206.9	382.6	385.1	206.2	146.4	0.0	0.0
JHARSUGUDA	62.9	37.1	0.0	3.0	44.0	108.2	358.6	480.7	133.6	75.4	0.0	0.0
KALAHANDI	60.5	0.0	0.0	2.3	43.6	145.9	410.5	643.9	172.3	79.4	0.0	0.0
KANDHAMAL	80.7	0.3	0.0	32.5	97.8	170.4	512.5	735.8	291.1	160.4	4.8	0.6
KENDRAPARA	15.0	18.1	0.0	0.0	76.1	61.6	392.6	407.5	233.3	214.6	0.0	0.0
KEONJHARGARH	32.8	17.7	0.9	20.7	100.1	131.3	359.5	411.3	180.1	95.3	0.0	0.0
KHURDA	35.0	12.6	0.0	0.7	115.9	79.1	397.0	315.6	224.7	143.9	0.0	0.0
KORAPUT	34.5	0.0	1.1	43.3	123.6	113.4	482.1	624.7	399.4	172.3	14.8	2.0
MALKANGIRI	27.9	0.0	0.0	29.7	51.5	121.9	517.5	386.0	346.8	49.3	0.0	0.4
MAYURBHANJ	29.1	22.8	5.2	24.9	90.2	167.6	305.1	485.7	194.8	120.9	0.0	0.0
NAWAPARA	71.2	0.0	0.0	11.7	26.9	153.1	374.9	401.8	151.7	36.5	0.0	2.0
NAWARANGPUR	80.6	0.0	0.0	28.9	54.6	125.8	471.8	619.4	259.3	62.8	0.0	0.0
NAYAGARH	34.8	0.3	0.0	13.1	105.1	142.3	380.1	488.0	193.7	193.4	0.0	0.0
PURI	13.9	3.3	0.0	0.0	60.9	22.2	375.1	364.0	222.3	210.4	0.0	0.0
RAYAGADA	76.5	0.0	0.0	15.1	79.7	164.4	337.6	450.2	177.2	109.8	11.0	0.9
SAMBALPUR	35.6	11.4	0.0	0.6	72.4	122.3	320.5	563.1	158.6	86.3	0.0	0.0
SONEPUR	46.1	0.0	0.0	0.0	25.9	131.9	406.7	438.5	97.7	43.6	0.0	0.0
SUNDARGARH	47.3	35.4	0.0	3.4	60.8	74.0	287.2	546.2	146.9	79.5	0.0	0.0
JHARKHAND	**24.5**	**38.6**	**1.5**	**1.6**	**69.1**	**97.4**	**161.8**	**329.0**	**229.3**	**91.4**	**0.0**	**0.3**
BOKARO	24.9	43.0	0.0	3.3	43.7	90.2	142.6	377.0	281.0	92.7	0.0	0.7
CHATRA	5.8	11.6	0.0	0.0	17.4	19.4	110.5	311.2	194.4	82.4	0.0	0.0
DEOGHAR	23.0	39.1	0.0	0.7	55.8	102.6	88.9	165.1	287.4	78.2	0.0	0.8
DHANBAD	11.5	67.7	0.0	0.0	87.1	136.1	123.2	313.0	174.5	87.3	0.0	0.4
DUMKA	16.9	69.5	0.0	1.5	168.7	129.1	87.3	224.2	342.2	142.8	0.0	0.6
EAST SINGBHUM	37.5	60.7	1.1	3.7	200.5	214.8	257.0	493.4	205.9	155.3	0.0	0.0
GARHWA	8.6	11.0	0.0	0.0	21.1	30.3	144.6	181.0	174.9	101.7	0.0	0.0

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GIRIDIH	10.9	62.9	0.0	1.2	46.1	105.0	133.5	223.6	298.6	108.9	0.0	0.7
GODDA	14.4	39.9	0.0	5.3	103.2	87.0	52.4	110.6	165.8	118.2	0.0	0.0
GUMLA	23.6	35.9	3.5	2.1	60.2	71.1	175.9	377.8	204.2	79.7	0.0	0.0
HAZARIBAG	13.4	36.1	0.0	0.0	63.0	79.7	143.9	302.1	304.7	122.6	0.0	1.2
JAMTARA	10.9	54.8	0.0	0.0	123.1	69.3	79.4	223.9	201.4	65.4	0.0	2.0
KHUNTI	26.3	32.4	2.1	0.0	34.6	61.1	239.2	455.3	131.3	50.0	0.0	0.0
KODERMA	37.8	50.3	0.0	0.0	61.7	78.0	147.6	231.4	351.2	117.9	0.0	1.0
LATEHAR	17.6	23.5	0.0	0.0	44.2	81.6	159.3	357.1	267.5	67.9	0.0	0.0
LOHARDAGA	40.7	30.3	0.0	0.0	46.3	83.6	178.6	255.2	251.7	82.7	0.0	0.0
PAKUR	3.7	28.7	0.0	1.5	97.0	89.7	73.2	122.2	214.3	73.5	0.0	0.3
PALAMU	13.4	13.8	0.6	0.0	19.5	47.4	106.2	193.4	179.8	61.0	0.0	0.1
RAMGARH	30.1	30.5	0.0	0.0	42.3	76.4	171.9	403.4	302.5	98.1	0.0	0.2
RANCHI	36.6	28.7	0.1	0.0	52.2	122.8	179.1	456.0	318.6	90.0	0.0	0.0
SAHIBGANJ	5.2	91.3	0.0	19.1	122.2	68.6	87.7	192.5	148.4	121.5	0.0	0.0
SERAIKELA-KHARSAWAN	20.7	43.0	0.0	0.0	75.7	129.5	208.6	371.8	188.6	71.0	0.0	0.0
SIMDEGA	48.7	61.2	4.3	6.3	60.5	73.4	232.9	527.1	200.7	87.0	0.0	0.0
WEST SINGBHUM	49.8	33.2	7.9	2.2	86.4	155.5	251.6	426.8	138.1	68.4	0.0	0.0
BIHAR	**11.2**	**28.8**	**0.1**	**10.8**	**78.0**	**172.6**	**134.7**	**170.1**	**206.2**	**81.8**	**0.0**	**0.1**
ARARIA	5.5	21.4	0.0	37.9	150.3	659.7	197.1	187.7	278.1	105.4	0.0	0.0
ARWAL	21.8	10.4	0.0	0.0	26.4	54.9	55.9	166.8	128.6	43.4	0.0	0.0
AURANGABAD	27.0	13.8	0.0	0.0	12.1	59.0	120.4	245.9	186.6	47.1	0.0	0.0
BANKA	12.4	42.9	0.0	0.0	64.5	99.5	109.1	117.8	270.0	111.9	0.0	0.7
BEGUSARAI	12.1	25.5	0.0	0.0	40.3	155.4	173.9	149.6	162.4	141.1	0.0	0.0
BHABUA	14.0	15.2	0.0	0.0	14.7	74.8	112.6	229.5	196.9	49.2	0.0	0.0
BHAGALPUR	3.5	43.8	0.0	3.0	73.7	127.8	54.8	99.1	118.4	113.9	0.0	0.0
BHOJPUR	17.5	13.0	0.0	0.0	39.6	92.6	161.5	178.4	181.0	54.9	0.0	0.0
BUXAR	0.5	10.9	0.0	0.0	23.0	158.9	63.2	111.6	210.5	51.6	0.0	0.0
DARBHANGA	1.1	27.3	0.0	12.3	155.8	145.1	124.9	168.3	182.5	76.4	0.0	0.0
EAST CHAMPARAN	8.0	41.6	0.0	12.4	73.0	181.0	127.8	207.5	203.1	73.2	0.0	0.0
GAYA	29.7	13.0	0.0	0.0	15.6	60.5	93.6	238.6	168.7	48.0	0.0	0.0
GOPALGANJ	9.0	12.2	0.0	0.0	33.4	104.0	112.2	187.9	264.4	67.7	0.0	0.0
JAHANABAD	26.5	12.6	0.0	0.0	40.0	79.6	122.0	215.3	127.4	35.0	0.0	0.0
JAMUI	25.3	46.5	0.0	0.0	40.7	118.6	113.3	149.0	221.6	88.2	0.0	0.1
KATIHAR	1.0	30.6	0.0	29.1	184.3	149.9	118.8	127.4	160.7	124.0	0.0	0.0
KHAGARIA	9.4	43.4	0.0	11.2	72.3	168.0	67.0	132.9	163.4	147.6	0.0	0.1
KISHANGANJ	2.3	22.1	0.0	68.2	230.2	839.0	264.4	267.8	271.8	160.3	0.0	0.0
LAKHISARAI	7.3	35.9	0.0	0.0	42.6	64.3	105.3	98.0	122.9	103.2	0.0	0.0
MADHEPURA	1.0	27.8	0.0	26.5	125.4	272.5	58.1	124.5	278.0	98.7	0.0	0.0
MADHUBANI	2.7	34.0	0.0	30.2	127.1	234.0	154.8	175.9	103.1	48.6	0.0	0.0
MONGHYR	12.5	29.2	0.0	1.7	42.6	180.0	55.2	144.7	169.7	124.0	0.0	0.0
MUZAFFARPUR	8.5	18.2	0.0	3.6	90.7	168.0	170.4	185.0	175.3	48.8	0.0	0.3
NALANDA	26.0	14.8	0.0	0.0	40.0	70.7	133.5	218.0	188.7	74.9	0.0	0.0
NAWADA	28.0	27.7	0.0	0.0	32.3	57.4	155.1	128.2	324.8	68.5	0.0	0.0
PATNA	17.1	18.8	0.0	0.0	44.0	129.0	167.4	136.7	156.1	67.1	0.0	0.0

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PURNEA	6.7	35.9	2.1	37.0	183.3	352.3	151.0	148.3	319.5	121.8	0.0	0.0
ROHTAS	15.3	16.7	0.0	0.0	7.4	81.7	112.7	175.2	152.6	65.1	0.0	0.0
SAHARSA	2.6	25.1	0.0	11.5	115.0	182.5	116.0	77.5	183.6	124.0	0.0	0.0
SAMASTIPUR	6.5	19.4	0.0	0.2	91.3	135.7	158.8	183.1	210.7	87.5	0.0	0.0
SARAN	10.3	9.7	0.0	0.0	24.2	75.4	118.6	102.4	155.6	47.0	0.0	0.9
SHEIKHPURA	11.7	43.5	0.0	0.0	31.5	64.0	110.6	83.6	146.7	68.6	0.0	0.0
SHEOHAR	0.0	13.5	0.0	6.4	61.9	98.7	113.9	198.7	160.6	32.8	0.0	0.0
SITAMARHI	2.1	31.9	0.0	14.6	67.6	206.5	74.4	101.0	114.2	24.0	0.0	0.0
SIWAN	4.5	19.9	0.0	0.0	56.4	107.1	159.7	170.2	318.9	45.9	0.0	1.2
SUPAUL	1.4	17.5	0.0	18.2	199.8	364.8	223.5	166.3	247.5	98.2	0.0	0.0
VAISHALI	6.1	20.9	0.0	6.4	26.6	108.0	232.0	128.8	193.6	92.9	0.0	0.0
WEST CHAMPARAN	5.5	99.7	0.0	38.1	150.0	212.6	179.3	238.3	342.1	123.9	0.0	0.0
UTTAR PRADESH	**40.5**	**15.0**	**0.0**	**0.0**	**25.4**	**45.3**	**147.7**	**139.6**	**200.9**	**145.5**	**0.2**	**0.1**
EAST UTTAR PRADESH	**27.1**	**10.8**	**0.0**	**0.0**	**23.7**	**53.4**	**145.9**	**151.1**	**205.8**	**149.4**	**0.0**	**0.1**
AMBEDKAR NAGAR	9.5	2.5	0.0	0.0	9.8	40.4	250.2	90.8	142.2	108.1	0.0	0.5
AMETHI	37.1	1.0	0.0	0.0	28.4	46.4	79.8	114.4	107.0	75.6	0.0	0.0
AYODHYA	36.5	6.0	0.0	0.0	45.2	44.1	162.7	113.5	227.6	252.5	0.0	0.0
AZAMGARH	7.7	2.1	0.0	0.0	7.4	55.2	169.7	115.7	216.5	104.5	0.0	0.0
BAHRAICH	14.1	20.9	0.0	0.0	39.4	26.0	148.3	131.3	317.7	289.2	0.0	0.0
BALLIA	5.2	2.2	0.0	0.0	28.5	38.4	70.2	105.1	208.4	40.7	0.0	0.0
BALRAMPUR	19.9	16.8	0.0	0.0	26.6	40.8	269.9	193.8	309.1	223.6	0.0	0.8
BANDA	62.2	0.0	0.0	0.0	6.7	19.4	138.1	197.5	84.8	92.0	0.0	0.0
BARABANKI	31.1	11.1	0.0	0.0	22.5	35.6	157.1	215.0	384.8	330.6	0.0	0.3
BASTI	17.2	10.6	0.0	0.0	11.0	39.8	108.4	146.0	212.9	162.0	0.0	0.0
BHADOHI	22.0	0.0	0.0	0.0	14.0	104.0	179.0	155.0	225.0	91.0	0.0	0.0
CHANDAULI	1.0	0.0	0.0	0.0	1.0	46.5	103.5	44.0	105.8	8.5	0.0	0.0
CHITRAKOOT	108.5	0.0	0.0	0.0	8.5	42.0	252.4	589.0	365.0	271.5	0.0	0.0
DEORIA	29.5	23.0	0.0	0.0	41.0	154.5	68.5	176.5	600.5	168.5	0.0	0.0
FARRUKHABAD	41.6	11.3	0.0	0.0	12.5	15.6	50.7	54.0	62.0	77.4	0.0	0.0
FATEHPUR	55.4	0.0	0.0	0.0	2.3	20.0	128.3	166.0	193.3	112.0	0.0	0.0
GHAZIPUR	2.3	6.8	0.0	0.0	12.1	119.7	130.8	63.6	170.3	20.6	0.0	0.0
GONDA	24.5	21.5	0.0	0.0	29.1	20.7	140.1	102.8	254.6	304.7	0.0	0.0
GORAKHPUR	31.0	32.9	0.0	0.0	22.6	90.5	180.3	236.7	380.2	215.0	0.0	0.2
HARDOI	23.9	11.9	0.0	0.0	25.7	59.0	86.0	88.1	100.4	119.9	0.0	0.0
JAUNPUR	2.6	1.1	0.0	0.0	3.1	20.5	75.9	66.3	194.1	62.1	0.0	0.0
KANNAUJ	28.8	13.6	0.0	0.0	10.8	25.4	179.2	168.7	121.6	123.1	0.0	0.0
KANPUR CITY	33.5	6.9	0.0	0.0	2.5	21.9	98.9	151.9	171.1	130.2	0.0	0.0
KANPUR DEHAT	18.2	2.2	0.0	0.0	3.6	7.8	56.9	63.8	111.6	70.4	0.0	0.0
KAUSHAMBI	6.8	0.0	0.0	0.0	1.2	1.8	91.8	102.7	181.6	71.0	0.0	0.0
KHERI	29.1	46.6	0.0	0.0	80.9	105.6	320.5	228.1	388.8	337.5	0.0	0.0
KUSHI NAGAR	15.0	16.5	0.0	0.0	23.0	52.0	53.0	68.0	102.4	67.8	0.0	0.0
LUCKNOW	21.2	13.4	0.0	0.0	18.2	43.1	156.6	142.1	249.9	180.0	0.0	0.2
MAHARAJGANJ	17.8	29.7	0.0	0.0	55.0	125.5	69.2	152.9	287.1	283.2	0.0	0.2
MAU	5.0	1.5	0.0	0.0	5.0	58.0	83.5	81.5	319.4	33.0	0.0	0.0
MIRZAPUR	16.1	2.8	0.0	0.0	11.3	66.2	181.4	84.4	66.2	30.8	0.0	0.0

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PRATAPGARH	52.6	0.0	0.0	0.0	13.0	42.2	289.2	234.4	238.6	267.4	0.0	0.0
PRAYAGRAJ	32.6	0.0	0.0	0.0	16.8	49.3	144.2	102.2	132.6	34.5	0.0	0.0
RAE BAREILLY	14.3	0.3	0.0	0.0	5.6	9.1	75.5	79.1	99.9	76.4	0.0	0.0
SANT KABIR NAGAR	21.3	5.9	0.0	0.0	3.3	86.0	97.4	98.0	216.7	113.6	0.0	0.0
SHRAWASTI NAGAR	46.0	35.6	0.0	0.0	56.3	69.0	108.7	217.1	304.0	422.8	0.0	0.0
SIDDHARTH NAGAR	75.6	34.3	0.0	0.0	67.7	97.2	133.6	122.4	251.5	245.8	0.0	1.7
SITAPUR	27.5	18.5	0.0	0.0	51.5	54.9	134.6	110.8	158.3	139.2	0.0	0.0
SONBHADRA	16.5	4.3	0.0	0.0	18.4	71.8	192.8	314.7	140.0	47.7	0.0	0.0
SULTANPUR	22.9	5.6	0.0	0.0	51.0	49.0	120.6	152.7	127.2	162.7	0.0	0.5
UNNAO	29.8	2.5	0.0	0.0	4.5	43.7	118.7	105.7	100.5	111.7	0.0	0.0
VARANASI	14.1	3.0	0.0	0.0	5.6	182.1	166.7	229.7	181.2	39.8	0.0	0.0
WEST UTTAR PRADESH	**59.7**	**21.1**	**0.0**	**0.0**	**27.8**	**33.6**	**150.2**	**123.0**	**193.9**	**139.9**	**0.5**	**0.0**
AGRA	23.0	2.2	0.0	0.0	15.3	46.1	250.8	102.4	144.5	98.9	5.2	0.0
ALIGARH	24.0	10.4	0.0	0.0	34.9	18.8	139.4	56.0	200.4	152.2	0.0	0.0
AMROHA	102.4	55.7	0.0	0.0	24.0	16.0	137.5	56.5	126.8	93.0	0.0	0.0
AURAIYA	12.0	0.0	0.0	0.0	0.0	4.7	206.2	115.6	300.4	130.3	0.0	0.0
BADAUN	33.3	26.8	0.0	0.0	49.3	0.3	134.3	161.8	261.3	196.8	0.0	0.0
BAGHPAT	71.7	21.7	0.0	0.0	38.0	21.0	78.3	37.9	97.8	39.2	0.0	0.0
BAREILLY	78.3	69.2	0.0	0.0	43.8	33.2	151.9	98.5	204.3	302.5	0.0	0.0
BIJNOR	157.5	46.6	0.0	0.0	35.1	118.6	122.6	98.2	249.2	203.7	0.0	0.0
BULANDSHAHAR	37.6	20.6	0.4	0.0	16.1	12.5	121.9	46.8	150.2	142.2	0.0	0.0
ETAH	56.0	19.3	0.0	0.0	21.7	5.0	220.0	140.0	333.2	201.7	1.0	0.0
ETAWAH	21.2	0.0	0.0	0.0	1.8	0.6	166.8	149.6	194.0	136.9	0.0	0.0
FIROZABAD	31.4	2.9	0.0	0.0	28.5	15.2	288.4	128.1	273.3	139.1	8.0	0.0
GAUTAM BUDDHA NAGAR	16.0	10.0	0.0	0.0	15.0	9.0	60.0	16.0	40.0	48.0	0.0	0.0
GHAZIABAD	20.1	4.1	0.0	0.0	11.8	13.7	62.2	7.3	52.7	51.5	0.0	0.0
HAMIRPUR	86.0	0.0	0.0	0.0	16.0	8.2	162.3	243.1	343.5	135.4	0.0	0.0
HAPUR	80.3	21.5	0.0	0.0	106.5	90.5	213.3	108.4	117.7	77.8	0.0	0.0
HATHRAS	29.8	24.8	0.0	0.0	10.3	7.8	229.7	92.2	202.9	192.5	0.6	0.0
JALAUN	36.2	0.0	0.0	0.0	22.6	17.0	187.2	190.7	254.5	202.6	0.0	0.0
JHANSI	58.2	0.0	0.3	0.0	25.1	31.9	141.9	204.7	289.3	78.5	0.0	0.0
KASGANJ	40.1	33.3	0.0	0.0	20.8	13.4	135.0	136.8	223.8	147.2	0.0	0.0
LALITPUR	72.3	0.0	0.0	0.0	19.0	98.5	191.7	315.2	167.8	55.7	0.0	0.0
MAHOBA	36.3	0.0	0.0	0.0	17.1	11.1	125.9	191.0	130.4	131.5	0.0	0.0
MAINPURI	17.6	4.2	0.0	0.0	20.1	11.6	137.3	136.8	106.6	120.8	1.0	0.0
MATHURA	26.8	9.1	0.0	0.0	8.0	30.8	153.8	66.3	83.5	96.9	0.8	0.0
MEERUT	89.5	27.6	0.0	0.0	43.5	41.3	159.9	34.8	179.7	142.1	0.0	0.0
MORADABAD	89.6	47.1	0.0	0.0	36.2	47.6	110.0	109.7	189.6	220.0	0.0	0.0
MUZAFFARNAGAR	112.9	46.5	0.0	0.0	59.1	55.7	165.2	76.7	240.4	86.2	0.0	0.0
PILIBHIT	44.2	31.8	0.0	0.0	38.7	46.2	117.2	146.0	166.3	171.1	0.0	0.0
RAMPUR	63.6	33.0	0.0	0.0	24.4	6.0	51.4	104.2	155.1	167.4	0.0	0.0
SAHARANPUR	177.0	31.9	0.0	0.0	32.7	39.4	170.8	79.2	185.2	20.6	0.0	0.0
SAMBHAL	41.8	50.0	0.0	0.0	36.7	25.8	172.9	76.3	120.6	267.4	0.0	0.0
SHAHJAHANPUR	17.5	24.8	0.0	0.0	25.1	65.1	53.5	85.7	113.5	133.8	0.0	0.0

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SHAMLI	72.5	13.0	0.0	0.0	21.0	34.1	106.0	35.5	117.5	9.0	0.0	0.0
UTTARAKHAND	**108.4**	**53.7**	**2.2**	**7.7**	**97.6**	**125.5**	**404.8**	**330.2**	**267.6**	**117.6**	**2.0**	**0.1**
ALMORA	89.9	39.5	0.0	1.8	73.5	70.9	254.2	161.0	176.3	167.6	0.0	0.0
BAGESHWAR	79.2	67.4	5.7	13.4	126.2	339.7	900.1	523.7	503.8	176.6	5.2	0.0
CHAMOLI	98.2	59.5	5.2	15.7	74.4	167.9	493.1	342.3	193.1	96.6	3.2	0.0
CHAMPAWAT	88.7	38.3	2.2	2.3	67.2	120.9	190.8	202.0	343.9	214.1	0.3	0.3
DEHRADUN	161.7	57.0	0.0	2.4	82.7	76.3	444.0	561.4	386.6	67.6	1.8	0.5
GARHWAL PAURI	95.0	29.4	0.0	0.0	47.3	56.5	295.2	168.5	166.1	39.2	0.7	0.0
GARHWAL TEHRI	140.8	59.4	0.0	3.8	84.6	96.8	379.2	284.3	240.3	29.4	2.8	0.3
HARDWAR	129.4	59.6	0.0	0.0	35.4	40.7	214.7	142.0	239.8	57.8	0.0	0.0
NAINITAL	105.6	58.4	0.2	0.1	63.7	119.3	271.0	330.7	298.9	253.2	0.0	0.1
PITHORAGARH	85.7	56.7	5.2	15.7	216.3	200.1	480.3	360.6	324.1	180.4	1.5	0.0
RUDRAPRAYAG	86.3	59.0	1.9	10.3	149.6	170.8	543.2	342.4	244.5	34.4	4.0	0.0
UDHAM SINGH NAGAR	92.2	51.0	0.0	0.3	55.2	133.0	230.1	346.2	362.2	245.7	0.0	0.0
UTTARKASHI	137.9	57.9	2.6	13.0	105.9	71.7	447.7	418.6	235.8	54.2	4.0	0.0
HAR. CHD & DELHI	**70.0**	**15.3**	**0.2**	**0.5**	**35.2**	**35.6**	**221.0**	**70.0**	**138.8**	**36.8**	**0.2**	**0.0**
HARYANA	**69.0**	**15.3**	**0.2**	**0.5**	**34.5**	**36.0**	**220.4**	**70.0**	**138.3**	**35.9**	**0.3**	**0.0**
AMBALA	106.8	17.9	0.0	0.2	19.6	47.1	203.7	39.7	180.5	30.7	0.1	0.0
BHIWANI	36.8	2.7	0.0	0.0	23.1	13.6	139.1	49.4	48.8	9.6	0.0	0.0
CHARKHI DADRI	51.2	9.0	0.0	0.0	33.2	40.3	201.0	86.3	89.7	37.3	4.0	0.0
FARIDABAD	59.0	14.8	0.0	0.0	61.0	23.3	128.0	68.8	151.3	131.7	0.0	0.0
FATEHABAD	32.1	10.5	0.0	0.0	30.7	41.6	249.9	61.1	206.1	15.5	0.0	0.0
GURGAON	96.8	13.7	0.0	0.1	65.7	37.8	208.4	65.0	282.7	80.9	0.0	0.0
HISAR	44.3	2.9	0.1	3.2	30.0	30.9	216.3	74.7	128.4	4.6	0.5	0.0
JHAJJAR	77.8	8.9	0.0	0.0	41.2	40.5	269.5	52.3	181.8	28.8	0.0	0.0
JIND	62.9	19.1	0.0	0.6	34.7	59.1	252.7	58.2	74.0	5.7	0.0	0.0
KAITHAL	59.7	21.5	0.0	0.0	42.9	36.8	295.0	47.2	81.2	5.1	0.0	0.2
KARNAL	80.9	30.1	0.0	0.0	58.9	40.5	312.1	96.8	231.8	8.4	0.0	0.2
KURUKSHETRA	120.0	48.3	0.0	0.0	71.8	50.2	262.3	29.9	175.5	20.0	0.0	0.0
MAHENDRAGARH	58.7	4.0	0.0	0.8	11.0	38.0	202.7	85.2	158.9	57.1	1.3	0.0
NUH	89.2	15.0	0.0	0.0	28.9	52.5	182.8	84.5	219.1	140.9	0.7	0.0
PALWAL	64.3	12.5	0.0	0.0	20.0	38.0	207.3	90.5	125.5	132.0	0.0	0.0
PANCHKULA	172.9	37.2	0.0	0.6	37.7	60.1	374.2	173.1	157.7	45.6	0.0	0.0
PANIPAT	85.8	20.2	0.0	0.0	34.4	27.7	304.3	100.8	162.0	19.6	0.0	0.0
REWARI	72.1	11.3	0.0	1.2	23.1	37.2	181.8	45.7	136.5	51.6	0.1	0.0
ROHTAK	57.2	12.1	0.0	0.4	30.4	24.6	282.4	39.4	167.1	12.8	0.0	0.0
SIRSA	35.6	6.6	1.7	1.0	15.8	28.5	167.9	66.9	36.4	1.0	0.1	0.0
SONEPAT	86.1	14.6	0.0	0.0	35.0	24.1	189.9	90.2	127.1	18.9	0.0	0.0
YAMUNA NAGAR	169.3	54.8	0.0	0.3	42.4	43.6	259.7	116.8	216.6	38.1	0.0	0.0
CHANDIGARH (UT)	**207.7**	**32.6**	**0.0**	**0.1**	**26.2**	**60.9**	**463.1**	**166.9**	**211.6**	**25.6**	**0.1**	**0.3**
DELHI	**88.6**	**12.8**	**0.0**	**0.2**	**57.3**	**19.7**	**221.0**	**62.0**	**148.8**	**65.4**	**0.0**	**0.0**
CENTRAL DELHI	141.5	30.0	0.0	0.0	68.8	15.7	326.8	112.7	151.0	151.8	0.0	0.0
EAST DELHI	105.6	13.9	0.0	0.0	44.9	73.2	395.5	200.0	199.5	160.6	0.0	0.0
NEW DELHI	87.6	23.9	0.0	0.2	55.9	22.1	263.3	54.3	168.9	102.1	0.0	0.0
NORTH DELHI	73.8	24.9	0.0	0.1	53.9	18.0	260.3	56.2	209.3	79.7	0.0	0.0

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Met Sub-Division/ State/UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NORTH EAST DELHI	55.8	9.5	0.0	0.2	42.7	37.1	143.9	38.7	82.0	83.0	0.0	0.0
NORTH WEST DELHI	71.3	11.7	0.0	0.2	38.4	9.5	229.6	16.5	66.8	22.8	0.0	0.0
SOUTH DELHI	91.6	8.9	0.0	0.0	81.6	25.9	244.5	99.9	205.5	108.4	0.0	0.0
SOUTH WEST DELHI	104.8	11.1	0.0	0.4	69.6	14.6	189.3	79.0	203.1	65.0	0.0	0.0
WEST DELHI	93.0	19.3	0.0	0.0	48.0	25.5	148.4	25.5	113.5	40.5	0.0	0.0
PUNJAB	**104.5**	**22.9**	**0.4**	**0.4**	**20.1**	**39.7**	**219.3**	**58.4**	**96.5**	**9.1**	**1.4**	**0.4**
AMRITSAR	90.2	19.7	0.9	0.1	2.5	34.1	164.0	99.7	69.5	1.2	0.4	0.2
BARNALA	94.2	23.0	0.0	0.0	15.8	16.3	271.2	20.1	76.9	0.0	0.0	0.0
BHATINDA	56.9	9.6	0.1	2.4	17.8	31.8	221.9	42.8	102.1	0.0	0.3	0.1
FARIDKOT	130.0	13.6	0.0	1.4	9.6	84.8	195.0	150.8	40.4	0.0	0.6	0.8
FATEHGARH SAHIB	125.0	11.9	0.0	0.0	41.4	61.2	266.2	21.2	133.3	13.1	0.0	0.0
FAZILKA	40.1	2.9	0.5	0.3	1.6	25.1	103.2	16.3	9.3	0.0	0.0	0.0
FEROZEPUR	109.3	30.5	0.7	0.4	6.0	53.2	218.0	75.1	57.0	0.0	0.5	2.3
GURDASPUR	184.9	37.6	0.7	0.1	28.1	71.0	285.8	83.4	125.2	2.8	14.1	0.6
HOSHIARPUR	121.7	23.8	1.4	0.0	6.1	31.7	194.8	65.1	95.7	7.3	2.3	0.0
JALANDHAR	95.8	29.1	0.2	0.1	20.0	36.4	210.7	39.1	113.3	14.7	0.9	0.7
KAPURTHALA	243.0	41.9	3.1	0.0	22.4	44.9	330.1	108.9	85.3	8.3	3.0	2.1
LUDHIANA	114.9	41.6	0.3	0.5	32.5	45.8	297.8	53.4	166.5	12.7	0.6	0.4
MANSA	46.2	10.8	0.0	0.0	24.2	8.0	105.0	47.4	130.2	2.8	0.0	0.0
MOGA	63.0	20.0	0.0	1.5	13.7	27.0	44.3	56.8	81.0	0.3	0.0	1.0
MUKTSAR	65.6	10.1	0.3	0.7	4.9	25.7	249.5	62.6	31.6	0.0	0.3	0.2
PATHANKOT	194.9	42.5	0.5	1.0	76.5	108.7	430.2	266.7	183.4	61.1	21.3	2.9
PATIALA	121.6	17.8	0.0	0.0	53.3	42.7	237.7	26.7	141.1	28.3	0.2	0.0
RUPNAGAR	210.2	63.5	0.0	0.4	22.5	84.6	319.4	115.6	109.5	37.0	0.0	0.1
SANGRUR	64.4	9.1	0.0	0.0	31.3	16.4	164.7	24.0	117.5	14.2	0.0	0.0
SAS NAGAR (MOHALI)	142.0	26.0	0.0	1.0	22.3	78.2	449.5	13.5	188.9	6.4	0.0	0.0
SBS NAGAR	168.0	49.9	0.0	0.0	40.3	102.4	251.9	63.2	107.4	44.2	1.1	0.4
TARN TARAN	64.2	16.5	0.4	0.3	0.0	22.5	138.7	38.2	47.8	0.1	0.6	0.3
HIMACHAL PRADESH	**167.2**	**80.5**	**5.7**	**8.5**	**53.9**	**66.1**	**263.1**	**243.4**	**134.2**	**38.0**	**19.5**	**6.4**
BILASPUR	210.2	73.2	3.1	0.9	39.8	90.3	415.5	282.1	137.5	53.5	1.3	0.3
CHAMBA	223.5	96.6	5.5	10.6	67.4	94.0	282.8	290.2	126.3	41.6	51.0	19.0
HAMIRPUR	181.3	48.9	4.7	2.5	32.2	156.9	348.9	291.2	160.3	19.0	1.3	0.2
KANGRA	197.0	57.6	6.9	2.2	66.3	116.9	614.6	614.6	256.5	59.7	12.8	5.7
KINNAUR	97.8	48.4	3.9	13.6	28.2	11.2	75.3	50.4	74.5	11.9	11.4	5.4
KULLU	168.8	122.8	11.0	22.0	70.4	68.1	296.7	260.2	115.1	60.8	32.5	11.5
LAHAUL & SPITI	131.2	84.1	7.1	7.2	15.7	12.2	35.1	48.6	60.8	12.8	25.9	4.3
MANDI	151.3	73.1	8.5	11.0	95.2	126.7	442.7	493.0	139.6	52.6	6.2	2.3
SHIMLA	156.3	83.9	1.8	5.9	104.4	73.9	344.0	301.2	165.3	55.9	7.8	5.5
SIRMAUR	264.0	100.9	0.4	0.2	83.1	87.8	378.0	283.4	318.4	80.3	0.1	0.5
SOLAN	248.1	83.9	2.4	1.4	70.9	108.7	378.1	281.0	170.7	45.7	0.9	0.2
UNA	177.0	40.1	0.9	1.7	17.7	105.8	315.7	137.9	164.2	11.8	0.0	0.7
J & K AND LADAKH	**168.7**	**77.1**	**18.3**	**21.5**	**59.7**	**116.4**	**225.8**	**157.4**	**80.9**	**39.8**	**61.5**	**13.2**
JAMMU & KASHMIR(UT)	**168.7**	**77.1**	**18.3**	**21.5**	**59.7**	**116.4**	**225.8**	**157.4**	**80.9**	**39.8**	**61.5**	**13.2**
ANANTNAG	122.0	126.3	14.8	35.4	67.3	115.4	114.3	91.8	31.2	31.5	50.5	17.6
BADGAM	92.8	95.3	21.5	31.5	50.2	111.4	136.9	39.6	5.3	18.8	54.5	4.7

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BANDIPORE	58.0	45.5	25.0	30.0	35.0	73.8	52.1	37.0	7.0	15.0	74.2	24.8
BARAMULA	197.7	84.2	58.2	73.4	73.0	150.3	76.4	59.5	27.7	18.7	73.7	22.9
DODA	308.8	146.0	8.2	24.6	79.0	118.4	249.9	160.6	143.4	49.0	65.8	15.8
GANDERBAL	141.8	49.2	56.6	25.7	80.8	66.0	77.6	51.3	7.3	33.2	51.6	9.2
JAMMU	213.5	43.0	1.4	1.7	51.8	90.9	442.8	355.0	169.6	23.0	22.7	8.1
KATHUA	191.9	40.8	4.1	2.1	95.2	67.1	365.9	359.9	195.0	26.8	21.0	1.8
KISTWAR	37.0	11.0	2.0	2.0	3.0	61.0	150.0	44.0	44.0	67.0	74.0	5.0
KULGAM	157.9	106.7	16.9	39.9	77.4	132.2	129.4	87.2	27.2	41.1	72.0	27.4
KUPWARA	82.4	55.8	46.2	36.2	79.1	135.9	76.8	62.6	20.1	14.3	75.7	40.5
POONCH	51.0	117.0	55.0	35.0	60.0	246.0	330.0	259.0	54.0	0.0	111.0	11.0
PULWAMA	68.4	69.7	15.3	24.8	46.5	92.0	84.5	44.1	25.2	24.6	36.9	5.0
RAJOURI	207.0	56.6	18.7	8.6	63.0	196.0	250.8	300.4	28.4	40.3	52.6	5.4
RAMBAN	300.1	136.3	17.2	18.0	87.9	199.8	190.1	172.2	52.4	46.0	85.5	33.2
REASI	303.0	97.5	5.0	1.4	76.6	127.0	555.8	482.1	215.8	84.9	73.0	13.6
SAMBA	187.0	41.0	3.0	2.0	8.0	73.0	423.0	397.0	124.0	1.0	24.0	4.0
SHOPIAN	5.0	69.5	9.5	24.0	36.0	50.3	40.7	18.2	2.0	7.7	18.3	6.0
SRINAGAR	104.5	121.5	30.4	36.5	56.3	111.6	138.1	55.0	31.9	27.7	81.6	6.3
UDHAMPUR	365.6	123.1	3.2	1.2	113.1	147.5	564.7	218.0	235.9	68.7	56.2	9.3
LADAKH (UT)	**14.9**	**17.4**	**4.3**	**1.7**	**1.7**	**2.0**	**19.1**	**4.5**	**11.9**	**2.8**	**4.0**	**2.4**
KARGIL	38.4	53.0	16.0	3.2	1.0	0.6	24.9	4.8	2.0	0.0	10.0	6.8
LADAKH (LEH)	7.6	6.3	0.6	1.3	1.9	2.5	17.3	4.4	15.0	3.7	2.2	1.0
RAJASTHAN	**24.4**	**1.2**	**2.1**	**0.2**	**5.7**	**55.1**	**270.2**	**216.6**	**54.2**	**31.4**	**1.1**	**0.0**
EAST RAJASTHAN	**24.7**	**1.3**	**3.2**	**0.0**	**8.0**	**66.1**	**331.4**	**284.5**	**98.7**	**67.1**	**1.9**	**0.0**
AJMER	21.9	0.1	2.0	0.0	11.1	57.0	309.2	174.8	32.1	15.4	0.0	0.0
ALWAR	69.5	6.4	0.0	0.1	10.2	74.8	258.6	117.0	165.4	125.2	3.1	0.0
BANSWARA	2.6	0.0	0.4	0.0	9.9	37.6	436.5	399.6	124.5	47.6	0.0	0.0
BARAN	26.1	0.0	2.0	0.0	5.3	120.9	402.5	353.4	172.4	96.0	0.0	0.0
BHARATPUR	34.5	7.1	0.0	0.0	7.6	81.5	183.4	111.6	196.2	171.3	2.8	0.0
BHILWARA	7.7	0.0	6.1	0.0	3.9	37.1	344.6	232.2	61.2	31.7	0.2	0.0
BUNDI	18.0	0.0	7.0	0.0	17.2	124.0	317.2	380.7	98.7	61.8	0.0	0.0
CHITTORGARH	5.5	0.0	14.9	0.0	3.5	30.5	373.4	308.6	73.4	64.7	0.0	0.0
DAUSA	38.0	2.8	1.4	0.0	5.8	116.8	275.8	260.2	131.4	154.4	1.4	0.0
DHOLPUR	24.0	0.0	0.0	0.0	3.8	72.0	281.8	174.2	168.3	114.5	0.3	0.0
DUNGARPUR	1.8	0.0	0.0	0.0	0.0	42.9	306.4	376.3	103.9	31.7	0.0	0.0
JAIPUR	49.2	4.4	0.9	0.0	16.8	74.3	301.4	188.1	88.9	76.4	11.7	0.0
JHALAWAR	25.9	0.0	0.0	0.0	7.8	79.5	490.0	609.5	138.1	85.1	0.0	0.0
JHUNJHUNU	48.0	0.2	0.5	0.3	22.1	44.2	234.9	59.8	67.6	24.6	2.7	0.0
KARAULI	22.3	0.0	0.5	0.0	8.0	59.3	246.7	164.0	112.0	171.7	1.3	0.0
KOTA	12.1	0.0	4.5	0.0	10.2	103.1	513.4	411.2	123.0	70.6	0.0	0.0
PRATAPGARH	2.4	0.0	19.4	0.0	0.0	43.4	367.4	625.0	93.8	62.4	0.0	0.0
RAJSAMAND	10.0	0.0	8.0	0.0	0.1	44.1	320.4	187.6	64.9	18.6	0.0	0.0
SAWAI MADHOPUR	30.3	0.0	1.0	0.0	3.0	115.7	223.3	289.6	120.4	144.4	0.6	0.0
SIKAR	55.1	5.5	2.1	0.0	22.1	66.5	286.9	89.7	47.3	26.1	6.8	0.0
SIROHI	3.8	0.0	0.0	0.0	0.0	27.8	413.5	578.5	55.0	0.9	0.0	0.0
TONK	22.0	0.0	1.0	0.0	3.7	71.2	325.3	332.0	73.9	49.1	0.2	0.0

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UDAIPUR	5.2	0.0	2.5	0.0	0.0	47.6	366.1	383.2	92.7	34.0	0.0	0.0
WEST RAJASTHAN	**24.2**	**1.1**	**1.3**	**0.3**	**3.9**	**46.4**	**221.4**	**162.5**	**18.7**	**3.0**	**0.5**	**0.0**
BARMER	8.5	0.0	0.0	0.1	0.6	42.9	140.1	275.1	17.9	0.0	0.0	0.0
BIKANER	28.4	4.0	0.6	0.2	2.9	84.8	239.7	104.4	8.6	0.0	0.5	0.0
CHURU	34.7	5.7	5.1	0.3	17.0	69.6	287.5	97.8	53.8	6.1	2.2	0.0
HANUMANGARH	51.7	0.6	0.1	1.4	16.6	35.3	165.0	94.7	22.9	0.0	0.3	0.0
JAISALMER	25.1	0.0	0.0	0.3	0.8	29.0	166.2	147.4	4.2	0.0	0.0	0.0
JALORE	5.1	0.0	0.0	0.0	0.0	13.8	267.3	315.4	32.9	0.4	0.0	0.0
JODHPUR	15.6	0.0	2.7	0.0	0.4	23.9	264.0	157.3	12.2	1.8	0.0	0.0
NAGAUR	44.7	0.0	4.3	0.7	6.4	83.5	288.0	119.9	19.4	18.7	2.1	0.0
PALI	4.6	0.0	0.5	0.0	0.2	17.7	271.6	206.6	44.7	8.9	0.0	0.0
SRI GANGANAGAR	43.8	0.9	1.4	0.0	11.6	40.4	252.3	86.1	21.6	0.0	1.2	0.0
MADHYA PRADESH	**30.0**	**3.5**	**1.8**	**0.1**	**7.3**	**107.5**	**408.0**	**435.4**	**218.6**	**94.9**	**0.0**	**2.0**
EAST MADHYA PRADESH	**39.8**	**7.7**	**0.7**	**0.2**	**11.9**	**128.6**	**351.8**	**436.7**	**228.1**	**87.1**	**0.0**	**0.8**
ANUPPUR	44.9	35.3	0.9	0.4	9.1	152.2	332.9	447.3	290.4	74.7	0.0	0.0
BALAGHAT	30.4	12.0	0.0	0.0	10.5	115.6	518.2	509.3	365.4	91.8	0.0	0.0
CHHATARPUR	99.3	0.1	0.6	0.0	20.4	103.6	260.4	386.5	162.4	145.4	0.0	0.0
CHHINDWARA	40.1	6.3	5.3	0.0	1.5	174.1	647.8	460.7	295.4	54.4	0.0	4.6
DAMOH	35.4	0.0	0.1	0.0	14.9	151.8	259.3	434.9	193.3	77.4	0.0	1.4
DINDORI	28.5	22.1	0.0	0.0	1.9	146.3	279.5	428.8	270.9	87.3	0.0	0.0
JABALPUR	20.6	7.7	0.0	0.0	11.2	212.5	339.0	383.0	234.5	97.1	0.0	0.2
KATNI	28.7	0.9	0.0	0.0	33.1	118.1	205.6	404.5	167.3	70.4	0.0	0.0
MANDLA	34.7	23.3	0.0	0.0	8.6	135.7	430.6	523.9	309.4	104.2	0.0	0.0
NARSINGHPUR	24.2	3.0	0.0	0.0	3.6	100.4	344.6	552.5	274.8	96.0	0.0	0.0
NIWARI	94.7	0.0	0.0	0.0	12.0	50.7	262.7	350.7	386.3	37.7	0.0	0.0
PANNA	54.5	0.1	0.0	0.0	18.6	127.7	288.1	483.2	146.0	132.1	0.0	0.0
REWA	42.2	0.2	0.0	0.0	15.4	86.8	180.1	305.5	172.5	78.7	0.0	0.0
SAGAR	41.1	0.1	0.1	0.0	7.9	186.3	398.4	556.1	169.5	88.2	0.0	2.9
SATNA	30.5	1.1	0.0	0.0	11.9	81.9	238.9	371.7	115.3	73.3	0.0	0.0
SEONI	45.9	10.0	2.5	3.0	11.0	138.1	582.7	415.8	295.8	63.3	0.0	0.3
SHAHDOL	38.3	12.8	0.0	0.0	17.9	131.0	270.4	438.8	178.0	64.1	0.0	0.0
SIDHI	24.2	5.0	0.0	0.0	22.9	95.3	171.0	320.1	224.7	103.6	0.0	0.0
SINGRAULI	15.3	17.4	0.0	0.0	13.5	112.1	123.7	355.8	213.4	87.7	0.0	0.0
TIKAMGARH	44.5	0.0	0.0	0.0	7.4	67.8	281.8	286.4	222.0	53.8	0.0	0.0
UMARIA	27.8	13.4	0.0	0.0	6.8	45.6	327.9	495.6	155.0	98.6	0.0	1.4
WEST MADHYA PRADESH	**22.5**	**0.3**	**2.7**	**0.0**	**3.8**	**91.3**	**451.1**	**434.5**	**211.3**	**100.9**	**0.0**	**2.9**
AGAR-MALWA	8.5	0.0	0.0	0.0	0.0	74.4	480.8	725.7	112.0	152.2	0.0	0.0
ALIRAJPUR	1.9	0.0	0.0	0.0	0.0	40.6	286.1	203.6	184.7	74.7	0.0	0.0
ASHOKNAGAR	56.0	0.0	2.5	0.0	13.3	128.0	331.6	475.8	280.0	61.5	0.0	0.0
BARWANI	4.3	0.0	2.7	0.0	0.0	67.6	320.4	166.9	194.0	68.6	0.0	6.7
BETUL	20.8	2.1	2.7	0.1	2.3	131.1	751.2	445.5	261.5	95.9	0.0	12.8
BHIND	28.9	6.3	0.0	0.0	7.2	23.5	264.6	225.8	229.8	132.3	0.0	0.0
BHOPAL	45.2	0.0	0.4	0.0	2.2	70.2	756.8	774.6	149.4	133.7	0.0	8.5
BURHANPUR	0.7	0.0	4.8	0.0	2.3	96.3	520.5	177.1	334.9	132.3	0.0	5.0
DATIA	38.6	0.0	0.0	0.0	4.4	35.0	209.4	142.3	237.4	84.2	0.0	0.0

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Met Sub-Division/ State/UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
DEWAS	15.1	0.0	0.0	0.0	0.0	89.2	602.8	443.8	209.9	92.8	0.0	0.0
DHAR	16.6	0.0	1.3	0.0	0.0	58.1	296.8	213.6	193.3	75.0	0.0	0.0
GUNA	50.5	0.0	5.6	0.0	11.9	128.0	540.4	678.1	281.9	69.6	0.0	0.0
GWALIOR	40.5	0.0	0.0	0.0	5.1	72.5	256.0	185.9	191.2	101.4	0.0	0.0
HARDA	16.8	0.0	1.7	0.0	0.0	119.3	761.0	384.0	132.1	94.6	0.0	1.7
INDORE	20.0	0.0	4.2	0.0	1.0	72.0	368.2	338.7	265.5	104.3	0.0	4.0
JHABUA	0.0	0.0	0.0	0.0	0.0	49.3	234.6	262.0	177.3	53.7	0.0	0.0
KHANDWA	1.5	0.0	2.0	0.0	0.0	124.9	449.9	181.1	266.7	89.5	0.0	5.2
KHARGONE	5.0	0.0	2.7	0.0	0.0	61.8	359.0	175.5	195.5	89.2	0.0	12.5
MANDSAUR	11.0	0.0	15.6	0.0	2.7	32.7	333.0	562.2	94.5	73.8	0.0	0.0
MORENA	32.0	0.0	0.0	0.0	9.4	75.6	257.6	196.2	141.0	150.1	0.0	0.0
NARMADAPURAM	10.6	1.2	0.4	0.1	2.7	98.4	769.4	644.8	275.1	80.7	0.0	0.0
NEEMUCH	20.7	0.0	11.3	0.0	5.7	35.3	382.0	582.3	107.0	107.3	0.0	0.0
RAISEN	27.3	0.0	0.0	0.0	4.0	118.5	468.3	765.3	245.7	117.1	0.0	4.0
RAJGARH	32.4	0.0	2.3	0.0	2.3	86.5	513.9	889.2	237.7	133.3	0.0	0.0
RATLAM	3.6	0.0	4.8	0.0	2.5	45.3	366.1	590.4	153.0	95.6	0.0	0.0
SEHORE	15.2	0.0	3.8	0.0	0.0	92.0	686.7	562.0	205.0	96.4	0.0	3.1
SHAJAPUR	29.5	0.0	0.0	0.0	0.0	70.3	544.8	518.7	153.6	138.0	0.0	7.2
SHEOPUR	22.7	0.0	0.0	0.0	4.5	128.0	372.4	325.8	202.6	126.3	0.6	0.0
SHIVPURI	46.7	0.0	1.8	0.0	18.0	112.6	293.2	316.7	273.9	131.0	0.0	0.0
UJJAIN	10.5	0.0	12.3	0.0	0.0	117.7	325.3	482.3	153.2	98.0	0.0	2.2
VIDISHA	46.6	0.0	0.0	0.0	6.9	179.8	563.7	609.1	187.6	89.5	0.0	3.5
GUJARAT	**1.8**	**0.0**	**0.0**	**0.0**	**0.0**	**51.5**	**484.4**	**234.8**	**135.3**	**20.1**	**0.1**	**0.1**
GUJARAT REGION	**1.0**	**0.0**	**0.0**	**0.0**	**0.0**	**60.9**	**592.5**	**302.1**	**149.2**	**37.0**	**0.0**	**0.2**
AHMEDABAD	1.8	0.0	0.0	0.0	0.0	45.4	296.9	127.9	80.7	11.3	0.0	0.0
ANAND	0.0	0.0	0.0	0.0	0.0	49.7	497.3	115.4	73.0	49.9	0.0	0.8
ARAVALLI	1.7	0.0	0.0	0.0	0.0	66.4	408.3	332.2	73.6	25.4	0.0	0.0
BANASKANTHA	1.7	0.0	0.0	0.0	0.0	21.1	387.8	425.2	83.7	0.5	0.0	0.0
BHARUCH	0.9	0.0	0.0	0.3	0.0	55.4	538.7	183.9	151.9	42.9	0.0	1.0
CHHOTA UDEPUR	3.1	0.0	0.0	0.0	0.0	49.9	766.2	196.5	104.6	39.8	0.0	1.2
DADARA & NAGAR HAVELI	0.0	0.0	0.0	0.0	0.0	132.6	1944.6	563.5	629.1	130.7		
DAHOD	0.0	0.0	0.0	0.0	0.0	36.6	205.0	180.6	66.0	52.6	0.0	0.0
DAMAN	0.7	0.0	0.0	0.0	0.6	253.2	1649.5	731.5	800.3	53.9	0.0	0.0
DANGS	0.0	0.0	0.0	0.0	0.0	153.2	1589.3	371.3	427.5	129.0	0.0	0.0
GANDHINAGAR	1.8	0.0	0.0	0.0	0.0	26.7	304.8	244.2	61.6	26.3	0.0	0.0
KHEDA	0.0	0.0	0.0	0.0	0.0	65.6	439.0	193.4	86.8	47.7	0.0	0.0
MAHISAGAR	0.3	0.0	0.0	0.0	0.0	56.5	380.4	268.6	81.4	64.9	0.0	0.0
MEHSANA	1.7	0.0	0.0	0.0	0.0	16.6	341.1	420.7	58.3	7.5	0.0	0.0
NARMADA	0.2	0.0	0.0	0.0	0.0	76.5	1045.8	276.8	182.0	46.0	0.0	1.3
NAVSARI	0.0	0.0	0.0	0.1	0.0	142.6	1376.8	469.0	536.2	41.9	0.0	0.0
PANCHMAHAL	0.0	0.0	0.0	0.0	0.0	47.3	553.4	170.0	103.6	99.0	0.0	0.0
PATAN	0.0	0.0	0.0	0.0	0.0	27.3	340.4	299.4	72.0	0.0	0.0	0.0
SABARKANTHA	2.5	0.0	0.0	0.0	0.0	46.6	456.4	468.4	93.8	18.8	0.0	0.0
SURAT	0.0	0.0	0.2	0.0	0.0	132.6	870.3	456.6	291.9	71.3	0.0	0.0

DISTRICT-WISE RAINFALL STATISTICS

Met Sub-Division/ State/UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TAPI	1.1	0.0	0.0	0.0	0.0	60.1	879.7	413.7	266.7	46.1	0.0	1.3
VADODARA	0.8	0.0	0.0	0.0	0.0	44.7	557.5	161.1	109.9	56.5	0.0	0.0
VALSAD	0.0	0.0	0.2	0.0	0.1	258.7	1834.2	482.1	599.9	74.5	0.0	0.5
SAURASHTRA & KUTCH	**2.4**	**0.0**	**0.0**	**0.0**	**0.1**	**44.2**	**401.7**	**180.3**	**126.5**	**6.4**	**0.2**	**0.0**
AMRELI	0.5	0.0	0.0	0.0	1.0	77.6	289.5	156.1	151.3	18.9	0.0	0.0
BHAVNAGAR	0.1	0.0	0.0	0.0	0.0	53.9	219.6	149.4	117.2	26.2	0.0	0.0
BOTAD	1.3	0.0	0.0	0.0	0.0	54.8	211.1	187.0	110.3	6.7	0.0	0.0
DEVBHOOMI DWARKA	18.8	0.0	0.0	0.0	0.0	33.6	576.4	163.7	190.4	4.2	0.0	0.0
DIU	3.0	0.0	0.0	2.5	0.0	50.4	668.4	193.8	222.6	14.4	0.0	0.0
GIR SOMNATH	3.4	0.0	0.0	0.4	0.0	91.6	698.6	319.0	196.6	25.4	0.0	0.3
JAMNAGAR	6.0	0.0	0.0	0.0	0.0	49.2	364.6	165.5	119.9	4.1	0.0	0.0
JUNAGADH	0.2	0.0	0.0	0.0	0.0	109.3	588.8	316.7	146.5	8.7	0.0	0.0
KUTCH	1.5	0.0	0.0	0.0	0.0	15.0	463.7	170.8	108.9	1.8	0.5	0.0
MORBI	0.0	0.0	0.0	0.0	0.0	35.2	291.6	173.6	139.8	0.0	0.0	0.0
PORBANDAR	17.3	0.0	0.0	0.0	0.0	85.7	567.8	326.4	143.2	7.0	0.0	0.0
RAJKOT	**0.4**	**0.0**	**0.0**	**0.0**	**0.0**	**53.8**	**362.6**	**165.1**	**135.1**	**6.0**	**0.0**	**0.0**
SURENDRANAGAR	**1.2**	**0.0**	**0.0**	**0.0**	**0.0**	**66.4**	**186.4**	**127.5**	**115.3**	**0.2**	**0.0**	**0.0**
DADARA & NAGAR HAVELI AND DAMAN & DIU (UT)	**0.3**	**0.0**	**0.0**	**0.2**	**0.1**	**141.6**	**1824.7**	**559.0**	**622.6**	**113.8**	**0.0**	**0.0**
DADARA & NAGAR HAVELI	0.0	0.0	0.0	0.0	0.0	132.6	1944.6	563.5	629.1	130.7		
DAMAN	0.7	0.0	0.0	0.0	0.6	253.2	1649.5	731.5	800.3	53.9	0.0	0.0
DIU	3.0	0.0	0.0	2.5	0.0	50.4	668.4	193.8	222.6	14.4	0.0	0.0
KONKAN & GOA	**2.5**	**0.0**	**1.3**	**7.8**	**17.3**	**532.7**	**1327.0**	**748.5**	**528.6**	**168.6**	**2.2**	**0.9**
GOA	**0.8**	**0.0**	**4.0**	**42.7**	**105.0**	**861.7**	**1186.1**	**365.8**	**355.4**	**103.8**	**9.5**	**6.3**
NORTH GOA	1.7	0.0	3.9	59.5	119.9	847.7	1253.4	429.5	424.2	123.7	3.4	7.1
SOUTH GOA	0.0	0.0	4.2	27.8	91.8	874.1	1126.7	309.5	294.6	86.3	14.9	5.6
MAHARASHTRA	**9.2**	**0.3**	**1.3**	**3.0**	**5.3**	**146.1**	**528.0**	**279.8**	**265.9**	**132.3**	**0.3**	**1.1**
MUMBAI CITY	0.4	0.0	0.0	0.0	3.3	325.5	843.6	330.9	416.9	93.7	0.0	0.0
MUMBAI SUBURBAN	4.5	0.0	0.0	0.0	0.5	291.8	1244.6	551.8	570.1	226.3	0.0	0.0
PALGHAR	0.1	0.0	0.0	0.0	0.8	288.1	1614.1	608.4	537.9	98.0	0.0	0.0
RAIGAD	6.7	0.0	0.3	0.0	0.1	357.0	1465.5	823.0	566.8	202.8	0.0	0.0
RATNAGIRI	2.7	0.0	0.9	5.9	8.2	647.2	1206.3	1026.7	454.5	170.3	0.0	0.0
SINDHUDURG	2.0	0.0	3.5	10.7	22.8	850.8	1106.4	732.2	506.6	212.7	7.7	1.4
THANE	0.0	0.0	0.0	0.0	0.7	225.6	1423.5	617.4	777.5	185.6	0.0	0.0
MADHYA MAHARASHTRA	**0.7**	**0.0**	**2.8**	**6.3**	**7.9**	**92.9**	**385.0**	**230.9**	**233.7**	**159.1**	**0.4**	**1.5**
AHMEDNAGAR	0.0	0.0	1.2	0.1	1.9	108.2	114.3	102.6	269.1	194.6	0.0	0.0
DHULE	7.6	0.0	6.6	0.0	0.0	113.7	254.2	186.2	187.4	78.4	0.0	0.0
JALGAON	0.0	0.0	6.7	0.0	0.0	84.8	285.0	120.0	203.9	89.1	0.0	0.7
KOLHAPUR	0.0	0.0	4.6	50.7	50.6	145.5	817.6	676.1	316.3	272.5	4.5	1.0
NANDURBAR	1.5	0.0	0.0	0.0	0.0	77.4	456.9	254.2	159.5	69.3	0.0	10.0
NASHIK	0.2	0.0	1.8	0.2	0.0	138.7	680.7	277.3	340.9	118.8	0.0	1.8
PUNE	0.9	0.0	2.3	3.4	0.1	73.2	604.0	320.5	267.6	171.5	0.0	0.1
SANGLI	0.0	0.0	7.5	11.0	26.0	41.1	137.9	106.1	111.5	173.4	0.2	2.6
SATARA	0.2	0.0	0.2	7.0	5.6	53.1	471.7	333.1	207.1	211.1	0.4	0.3
SHOLAPUR	0.0	0.0	0.5	7.7	13.3	81.8	128.3	105.3	167.8	174.6	0.0	3.0

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Met Sub-Division/ State/UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MARATHWADA	**0.3**	**0.0**	**1.0**	**0.5**	**2.7**	**140.3**	**349.7**	**86.7**	**217.6**	**132.1**	**0.0**	**2.1**
AURANGABAD	0.4	0.0	6.2	0.0	0.0	154.0	239.1	89.1	266.0	135.4	0.0	9.9
BEED	0.0	0.0	0.0	0.0	0.0	161.3	201.3	69.3	235.6	167.1	0.0	2.2
HINGOLI	0.0	0.0	0.0	0.0	0.0	87.3	378.6	84.4	122.4	96.4	0.0	0.6
JALNA	0.0	0.0	0.0	0.0	0.0	99.0	268.6	61.5	242.2	86.0	0.0	0.0
LATUR	0.0	0.0	0.0	0.0	2.6	173.2	367.4	70.1	230.1	146.3	0.0	0.0
NANDED	1.0	0.0	0.0	0.1	3.4	131.4	683.1	121.3	209.9	95.3	0.0	0.2
OSMANABAD	0.0	0.0	0.0	4.0	14.9	118.9	288.2	123.3	202.8	192.5	0.0	0.0
PARBHANI	1.0	0.0	0.0	0.2	1.3	175.4	351.5	61.5	166.7	123.8	0.0	0.7
VIDARBHA	**27.0**	**0.8**	**0.0**	**0.6**	**3.5**	**106.8**	**564.8**	**307.5**	**248.7**	**87.3**	**0.0**	**0.3**
AKOLA	0.1	0.0	0.0	0.0	0.0	105.3	261.4	132.8	160.7	95.0	0.0	0.0
AMRAOTI	16.0	0.1	0.0	0.0	0.7	91.4	401.0	220.4	241.0	88.3	0.0	0.0
BHANDARA	0.0	0.0	0.0	0.0	0.0	110.2	581.3	503.0	294.8	106.5	0.0	0.0
BULDHANA	1.4	0.0	0.0	0.0	0.0	102.9	267.6	108.6	179.0	101.4	0.0	0.4
CHANDRAPUR	58.8	0.1	0.0	0.0	2.4	121.3	691.8	344.8	233.1	43.3	0.0	1.4
GADCHIROLI	69.6	0.0	0.2	3.0	12.9	117.0	899.6	459.5	323.3	63.6	0.0	0.0
GONDIA	16.5	9.5	0.0	0.1	0.1	136.7	590.2	612.5	302.4	86.9	0.0	0.0
NAGPUR	29.2	1.6	0.1	0.0	4.6	120.8	632.9	390.7	301.4	101.4	0.0	1.0
WARDHA	21.5	0.1	0.0	0.0	3.8	90.9	682.9	281.5	254.7	75.4	0.0	0.0
WASHIM	0.0	0.0	0.0	0.0	0.0	107.4	351.1	199.2	150.7	130.8	0.0	0.0
YEOTMAL	17.7	1.1	0.0	0.8	3.7	85.5	544.6	221.4	235.7	108.1	0.0	0.0
CHHATTISGARH	**43.2**	**10.7**	**0.9**	**9.3**	**23.5**	**137.3**	**441.9**	**454.8**	**242.3**	**72.4**	**0.0**	**1.8**
BALOD	44.0	2.7	0.0	14.2	25.0	186.2	519.1	406.9	189.3	65.6	0.0	2.3
BALODA BAZAR	14.8	1.7	0.0	2.7	1.5	156.2	410.0	452.2	156.1	62.6	0.0	0.0
BALRAMPUR	39.4	42.9	0.0	0.0	12.1	66.2	141.2	473.4	294.9	138.6	0.0	0.0
BASTAR	68.2	0.0	0.0	48.6	74.0	144.9	546.9	701.2	380.7	71.6	0.0	8.0
BEMETARA	36.2	6.1	0.0	6.4	9.2	128.2	257.1	227.7	100.6	41.5	0.0	0.0
BIJAPUR	56.7	0.0	7.0	12.1	5.8	168.8	1365.0	544.4	437.7	84.8	0.0	3.3
BILASPUR	31.7	21.0	6.9	1.6	20.1	191.4	403.6	505.3	219.1	74.3	0.0	0.0
DANTEWADA	17.8	0.0	0.0	18.9	79.1	124.0	541.9	608.9	361.7	54.4	0.0	19.0
DHAMTARI	63.1	0.0	0.0	6.5	19.8	157.0	515.6	432.9	192.2	56.4	0.0	0.2
DURG	24.2	4.8	0.0	14.7	6.2	114.6	402.9	325.9	114.2	93.8	0.0	0.0
GARIABAND	55.6	0.0	0.0	16.7	47.3	174.5	466.2	422.0	191.5	60.6	0.0	0.0
JANJGIR	22.4	5.9	0.2	4.3	9.4	193.5	493.1	504.1	177.4	48.0	0.0	0.0
JASHPUR	27.3	47.7	0.2	9.6	70.4	69.6	206.3	451.5	261.7	132.9	0.0	1.4
KABIRDHAM	42.4	8.4	0.0	0.0	0.0	181.0	402.4	371.8	153.1	85.2	0.0	0.0
KANKER	102.8	0.0	0.0	22.2	12.9	114.8	651.5	543.7	214.3	82.5	0.0	4.8
KONDAGAON	125.8	0.3	1.2	12.1	12.3	132.0	502.5	472.9	156.3	59.3	0.0	0.5
KORBA	31.4	23.7	0.0	5.5	36.0	179.0	305.3	411.8	306.1	53.6	0.0	0.0
KORIYA	21.0	19.8	1.9	0.1	4.2	111.9	192.7	351.0	176.2	62.3	0.0	1.9
MAHASAMUND	34.9	1.3	0.0	17.1	14.0	101.4	443.0	461.0	118.0	37.0	0.0	0.0
MUNGELI	23.1	11.2	1.7	2.0	6.2	211.5	442.5	450.3	172.0	91.2	0.0	0.0
NARAYANPUR	91.3	0.5	0.0	14.2	25.5	154.2	483.8	527.2	281.8	70.8	0.0	1.7
RAIGARH	36.3	13.2	0.3	1.9	8.6	139.7	415.5	443.3	206.6	76.6	0.0	0.0
RAIPUR	23.4	4.3	0.0	5.8	20.6	73.5	276.6	416.0	126.0	57.0	0.0	0.0

Met Sub-Division/ State/UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RAJNANDGAON	35.9	2.0	0.0	6.0	14.1	128.2	473.5	395.9	234.9	55.8	0.0	0.1
SUKMA	6.5	0.0	0.0	0.0	25.4	104.4	480.6	462.1	538.4	40.4	0.0	7.4
SURAJPUR	27.1	16.2	0.9	0.0	24.3	136.1	192.0	419.0	242.3	100.5	0.0	0.0
SURGUJA	24.1	31.3	0.7	0.3	21.4	81.7	147.5	264.7	148.7	69.8	0.0	0.0
ANDHRA PRADESH	**21.7**	**0.9**	**3.5**	**6.7**	**109.7**	**105.7**	**157.0**	**159.7**	**153.3**	**175.7**	**61.5**	**82.0**
COASTAL A. P. & YANAM	**30.0**	**1.5**	**3.5**	**5.5**	**105.6**	**105.1**	**210.7**	**143.1**	**181.3**	**200.7**	**63.0**	**78.0**
EAST GODAVARI	15.5	0.1	9.6	3.5	74.5	195.1	343.8	142.1	279.1	217.4	16.5	31.2
GUNTUR	37.6	0.0	0.0	0.0	62.2	66.1	253.1	137.6	104.5	245.1	28.5	49.0
KRISHNA	26.6	0.0	2.2	0.0	31.5	76.9	290.2	147.9	156.6	211.8	17.4	31.6
PRAKASAM	19.7	0.0	2.7	0.1	122.8	49.6	108.7	96.6	92.1	201.4	55.6	128.6
SPSR NELLORE	49.5	0.0	1.6	0.0	122.3	74.2	112.2	102.5	76.8	94.0	295.8	234.8
SRIKAKULAM	17.8	8.9	2.2	0.8	128.0	108.5	210.1	197.4	300.7	204.5	1.0	5.6
VISHAKHAPATNAM	23.2	7.0	6.5	37.5	170.8	123.9	126.0	166.5	243.5	218.7	17.9	39.4
VIZIANAGARAM	71.1	0.0	0.9	2.5	153.3	150.4	225.4	172.7	299.1	246.2	4.2	10.9
WEST GODAVARI	17.4	1.2	6.1	4.5	78.4	179.2	380.9	221.7	285.5	209.9	15.0	25.6
YANAM	9.4	12.2	0.0	4.2	88.0	182.0	318.0	136.0	329.8	363.8	59.4	56.6
RAYALASEEMA	**10.3**	**0.0**	**3.3**	**8.2**	**115.4**	**106.5**	**82.8**	**182.5**	**114.6**	**141.2**	**59.4**	**87.5**
ANANTAPURAMU	2.4	0.0	5.1	7.4	125.8	104.7	69.7	254.5	104.8	169.0	25.0	55.4
CHITTOOR	21.6	0.0	5.5	11.1	133.2	116.5	73.4	202.4	99.6	127.1	140.2	184.7
KURNOOL	10.4	0.0	1.4	10.0	77.5	79.8	131.7	135.5	136.9	138.9	5.4	31.6
YSR DISTRICT	9.0	0.0	1.4	4.5	128.2	129.5	52.4	127.3	116.1	123.2	84.5	95.8
TELANGANA	**35.9**	**0.1**	**1.7**	**5.9**	**35.3**	**142.6**	**535.3**	**181.2**	**213.6**	**111.6**	**1.0**	**6.4**
ADILABAD	27.2	0.5	0.0	12.2	28.1	182.8	913.6	172.2	206.0	107.0	0.0	5.1
B. KOTHAGUDEM	29.3	0.0	8.7	10.4	43.9	212.0	550.6	265.0	280.1	124.2	0.2	0.9
HANUMAKONDA	43.1	0.0	0.0	0.0	14.6	200.8	510.7	244.6	253.5	163.2	0.0	0.5
HYDERABAD	2.0	0.0	0.1	6.2	51.7	84.6	375.6	87.7	200.9	146.6	0.2	13.0
J. BHUPALPALLY	79.8	0.0	0.0	0.0	18.4	167.0	835.9	213.3	255.9	88.8	0.0	0.2
JAGTIAL	36.7	0.0	1.9	2.6	58.9	189.9	895.5	186.0	278.7	59.2	0.0	0.1
JANGAON	74.4	0.0	0.0	0.3	29.2	214.1	463.5	211.3	206.6	134.7	1.9	0.2
JOGULAMBA GADWAL	8.3	0.0	0.4	4.9	45.3	44.5	185.2	173.6	172.1	88.8	0.2	29.8
KAMAREDDY	15.2	0.0	0.9	1.6	67.7	178.6	582.2	159.7	246.1	116.1	0.1	0.0
KARIMNAGAR	60.0	0.0	0.0	1.3	23.6	188.0	690.5	158.3	212.6	110.4	0.1	0.2
KHAMMAM	26.8	0.0	0.4	0.1	29.0	103.9	404.2	220.8	142.4	108.6	4.6	6.4
KUMARAM BHEEM	60.8	0.0	0.5	4.9	33.6	220.5	923.0	312.8	336.9	71.7	0.0	20.5
M. MALKAJGIRI	6.4	0.0	3.1	15.9	68.9	143.0	421.2	92.7	194.1	136.5	0.0	11.5
MAHABUBABAD	92.3	0.0	0.4	0.0	10.7	209.7	561.2	194.5	201.7	132.8	3.8	1.1
MAHABUBNAGAR	12.6	0.0	2.6	29.7	46.4	118.9	293.2	271.1	164.7	174.0	0.6	7.4
MANCHERIAL	26.8	1.5	0.8	0.0	48.1	140.3	875.3	234.1	344.1	57.2	0.1	3.2
MEDAK	9.7	0.0	2.8	2.0	56.3	125.3	520.3	118.4	224.4	96.7	0.0	0.2
MULUGU	82.0	0.0	0.0	8.4	8.8	231.5	861.8	320.5	345.4	108.9	0.0	2.3
NAGARKURNOOL	27.0	0.0	6.4	11.0	19.7	98.7	213.5	156.8	144.1	131.1	1.1	12.9
NALGONDA	46.9	0.0	0.0	0.2	22.9	63.5	196.3	110.1	135.9	122.9	3.2	18.3
NARAYANPET	0.4	0.0	1.2	20.7	65.6	59.9	331.6	213.4	143.8	129.2	0.0	3.8
NIRMAL	24.3	0.1	0.6	1.1	17.9	167.5	980.7	172.2	279.2	66.9	0.0	0.0
NIZAMABAD	15.9	0.1	0.0	0.0	29.2	147.5	1011.2	114.7	304.2	75.4	0.0	0.0

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PEDDAPALLE	50.9	0.0	0.0	0.2	26.2	164.1	795.6	182.2	232.0	85.2	0.0	1.9
RAJANNA SIRCILLA	40.5	0.0	0.0	2.5	41.7	169.0	614.0	133.7	284.1	122.9	0.0	0.3
RANGAREDDY	6.4	0.0	1.7	16.9	33.2	89.7	299.8	126.2	131.6	131.8	1.1	12.5
SANGAREDDY	1.2	0.0	0.6	9.1	52.1	153.0	414.2	80.3	194.5	127.7	0.0	0.7
SIDDIPET	30.0	0.0	0.6	6.8	25.5	99.7	429.7	127.4	179.7	116.9	0.1	0.6
SURYAPET	64.0	0.0	0.0	0.0	15.3	89.6	292.3	168.6	120.8	126.6	6.7	11.3
VIKARABAD	1.8	0.0	7.2	18.5	84.9	79.2	338.4	182.8	192.2	157.3	0.3	2.2
WANAPARTHY	10.4	0.0	3.1	1.6	30.4	92.3	226.3	184.6	129.4	173.7	2.6	13.6
WARANGAL	126.3	0.0	0.0	0.0	10.9	171.8	501.9	116.1	163.3	109.9	0.0	2.8
Y. BHUVANAGIRI	52.1	0.0	0.0	0.0	55.0	142.4	224.2	157.8	160.4	62.5	1.3	15.2
TAMIL. PUDU.& KARAIKAL	**34.8**	**7.8**	**12.1**	**65.1**	**89.3**	**79.0**	**137.9**	**173.7**	**85.5**	**166.0**	**178.6**	**101.1**
TAMILNADU	**34.7**	**7.7**	**12.1**	**65.2**	**89.2**	**79.2**	**138.1**	**174.0**	**85.6**	**165.8**	**178.0**	**101.0**
ARIYALUR	77.7	13.5	8.4	49.1	90.1	86.1	106.2	148.1	82.2	133.2	102.5	163.0
CHENGALPATTU	37.8	0.0	3.5	1.3	32.5	51.8	100.9	96.1	59.8	141.8	384.1	212.2
CHENNAI	56.1	0.0	0.0	0.1	28.8	171.4	83.9	101.0	81.0	141.5	519.8	263.3
COIMBATORE	8.7	0.2	21.2	89.7	192.0	158.7	541.8	468.2	204.3	186.9	176.9	103.0
CUDDALORE	58.1	36.4	21.4	49.8	77.3	41.6	166.4	165.5	103.6	150.6	344.5	117.0
DHARMAPURI	9.6	0.0	14.4	48.0	167.5	89.2	123.9	254.3	94.5	188.6	109.1	66.2
DINDIGUL	63.6	2.2	14.5	94.4	103.4	87.7	118.4	175.6	98.5	228.7	197.8	118.8
ERODE	11.6	0.0	5.0	74.9	159.1	76.5	85.7	199.3	81.6	301.0	142.5	41.9
KALLAKURICHI	33.8	0.0	8.5	36.5	52.2	52.6	109.1	81.3	70.2	113.4	165.8	93.1
KANCHEEPURAM	52.9	0.0	0.2	6.0	128.4	96.2	105.9	145.5	69.1	155.0	374.7	270.7
KANYAKUMARI	2.2	41.8	18.6	195.6	157.4	49.1	70.0	113.9	68.1	219.8	247.7	73.1
KARUR	13.1	0.0	26.6	51.8	46.8	83.4	31.5	100.5	45.0	141.6	120.4	62.0
KRISHNAGIRI	4.3	0.0	6.3	26.7	178.6	114.3	120.1	281.3	91.9	190.3	107.8	83.1
MADURAI	21.7	0.0	2.7	86.5	86.2	63.6	185.1	178.2	56.0	248.1	129.1	61.2
MAYILADUTHURAI	95.6	52.2	29.3	46.8	41.4	27.0	120.2	104.8	100.2	105.1	625.4	199.3
NAGAPATTINAM	158.1	128.2	22.6	49.5	10.6	3.7	57.7	145.0	119.6	143.3	323.8	172.1
NAMAKKAL	11.8	0.0	16.3	85.5	69.2	87.0	132.5	182.0	93.4	230.0	112.2	36.6
NILGIRIS	41.9	0.0	33.1	100.6	232.7	181.6	781.8	731.7	203.4	170.2	139.4	124.6
PERAMBALUR	62.3	1.3	13.9	10.6	102.6	118.3	105.1	145.4	120.3	159.6	128.3	76.3
PUDUKKOTTAI	71.9	6.8	10.6	39.8	44.4	87.6	72.5	111.6	85.9	118.2	110.8	82.4
RAMANATHAPURAM	26.7	18.5	0.4	82.5	3.0	24.2	77.9	64.3	16.3	179.7	141.7	62.1
RANIPET	26.9	0.0	0.0	2.0	116.3	176.4	180.5	219.7	88.6	121.1	166.9	153.7
SALEM	11.3	0.0	18.8	71.2	152.8	104.8	143.9	146.1	97.9	179.8	112.5	68.8
SIVAGANGA	19.0	1.6	5.7	86.3	48.7	111.8	198.0	184.6	91.3	208.2	112.5	64.4
TENKASI	44.9	6.2	16.1	174.2	26.6	6.6	59.7	74.6	26.0	92.6	243.6	84.1
THANJAVUR	90.5	22.8	17.8	57.8	51.0	72.0	134.7	106.5	145.3	144.7	156.1	165.7
THENI	17.3	1.2	13.3	151.7	70.3	55.0	255.3	229.4	69.3	189.2	165.7	62.5
TIRUNELVELI	45.3	24.0	7.4	130.7	28.9	7.4	30.8	74.9	26.3	86.0	197.3	134.6
TIRUPATTUR	8.0	0.0	6.2	30.8	163.3	138.0	137.9	214.5	101.2	158.4	139.4	114.2
TIRUPPUR	15.0	0.3	7.5	86.9	64.9	51.3	61.2	100.7	51.3	163.5	169.8	58.1
TIRUVALLUR	58.4	0.0	0.8	0.1	77.6	143.2	149.2	130.7	70.0	133.5	353.7	229.1
TIRUVANNAMALAI	22.9	0.4	7.3	9.7	113.0	95.3	135.4	224.5	66.3	144.7	201.7	153.2

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Met Sub-Division/ State/UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TIRUVARUR	110.1	58.4	23.5	92.4	29.4	17.6	151.8	214.0	141.9	106.6	201.1	179.8
TOOTHUKUDI	10.9	12.2	18.7	95.9	12.4	10.5	27.1	47.9	34.6	94.2	159.0	56.4
TRICHY	33.6	2.6	22.1	20.3	81.3	99.7	69.1	114.0	120.7	133.1	87.7	69.8
VELLORE	45.4	0.0	6.8	11.4	124.9	119.1	63.3	186.1	86.5	119.4	96.9	116.1
VILLUPURAM	46.1	0.2	4.7	14.5	71.3	67.1	85.5	138.5	97.7	159.3	211.4	113.9
VIRUDHUNAGAR	20.7	0.0	13.9	106.2	24.1	48.8	64.0	108.2	54.3	165.9	197.2	52.7
PUDUCHERRY (UT)	**55.9**	**27.5**	**18.5**	**33.4**	**131.9**	**62.7**	**119.7**	**100.4**	**84.5**	**216.8**	**318.6**	**126.5**
KARAIKAL	108.5	81.5	40.3	76.9	28.1	9.5	34.5	87.9	93.1	150.5	400.3	159.1
MAHE	0.0	0.0	2.2	163.0	439.4	516.4	831.0	514.6	143.8	58.2	125.4	46.0
PUDUCHERRY	33.5	0.3	8.9	8.5	184.0	65.8	124.3	90.9	52.9	243.1	306.2	118.3
YANAM	9.4	12.2	0.0	4.2	88.0	182.0	318.0	136.0	329.8	363.8	59.4	56.6
KARNATAKA	**0.4**	**0.0**	**14.1**	**58.3**	**183.0**	**162.3**	**402.7**	**325.9**	**184.3**	**190.2**	**19.5**	**25.5**
COASTAL KARNATAKA	**0.3**	**0.3**	**19.6**	**58.2**	**253.1**	**609.0**	**1495.7**	**744.9**	**385.8**	**144.2**	**35.5**	**16.7**
DAKSHINA KANNADA	0.2	1.2	41.1	77.4	329.1	606.3	1689.7	836.3	327.2	182.7	84.4	16.2
UDUPI	0.4	0.0	25.9	75.5	332.6	750.7	1767.8	812.1	453.7	116.2	56.6	39.0
UTTARA KANNADA	0.3	0.0	7.2	43.1	189.6	560.7	1309.3	678.3	389.7	135.9	5.1	9.2
N. I. KARNATAKA	**0.4**	**0.0**	**7.5**	**41.8**	**113.6**	**90.7**	**211.1**	**171.1**	**174.3**	**159.0**	**2.5**	**7.2**
BAGALKOTE	0.0	0.0	3.4	31.7	129.4	84.8	135.0	106.8	189.9	181.3	0.2	3.6
BELAGAVI	0.0	0.0	14.7	65.1	112.3	115.3	281.2	170.3	190.5	190.6	2.7	5.2
BIDAR	3.7	0.0	1.5	10.0	67.1	153.4	381.1	114.1	199.0	139.0	0.0	0.4
DHARWAD	0.0	0.0	24.4	111.2	165.2	96.3	186.6	151.6	215.9	184.6	9.0	6.5
GADAG	0.0	0.0	10.9	89.7	181.3	80.0	123.8	185.2	241.6	158.8	0.1	14.6
HAVERI	0.0	0.0	13.1	106.9	274.8	61.9	230.0	267.0	141.0	188.1	3.6	5.9
KALABURGI	0.9	0.0	3.7	18.7	57.1	72.0	312.8	173.1	138.9	128.5	1.0	1.7
KOPPAL	0.0	0.0	5.7	17.1	123.6	68.1	108.4	140.5	170.4	157.3	3.2	28.4
RAICHUR	0.5	0.0	4.1	5.9	80.8	68.3	146.8	196.9	145.7	166.9	1.5	12.1
VIJAYAPURA	0.1	0.0	3.4	29.8	74.2	83.2	142.5	169.6	147.5	136.7	0.0	0.7
YADGIR	0.0	0.0	1.1	20.1	111.2	117.6	186.8	248.8	190.9	125.6	11.8	3.7
S. I. KARNATAKA	**0.5**	**0.0**	**18.6**	**72.5**	**228.4**	**134.0**	**347.4**	**374.4**	**152.3**	**226.2**	**30.9**	**43.0**
BALLARI	0.0	0.0	4.9	28.2	114.8	74.4	147.1	163.7	167.1	221.9	10.8	30.2
BENGALURU RURAL	1.4	0.0	4.1	36.4	200.1	198.6	117.9	290.9	194.5	217.4	39.8	73.5
BENGALURU URBAN	1.3	0.0	13.1	111.9	254.2	196.7	134.4	340.9	196.6	272.3	42.3	64.6
CHAMARAJANAGAR	0.2	0.0	13.6	83.8	268.2	67.8	184.0	338.6	134.4	273.9	60.6	52.9
CHIKABALLAPURA	1.1	0.0	6.8	33.3	193.0	158.4	141.7	264.7	124.8	189.1	32.3	94.2
CHIKKAMAGALURU	2.2	0.0	48.1	88.4	192.3	195.2	991.9	592.6	246.2	127.7	34.5	45.7
CHITRADURGA	0.0	0.0	4.9	48.4	162.4	85.8	156.3	211.1	148.6	195.4	17.7	31.1
DAVANGERE	0.0	0.0	2.7	100.6	213.8	94.1	214.8	218.1	126.7	242.9	11.5	22.7
HASSAN	0.0	0.0	48.0	120.6	276.7	149.9	389.9	415.9	106.1	290.5	34.9	29.0
KODAGU	0.0	0.7	38.4	123.5	279.9	212.2	1155.3	995.2	282.8	198.3	38.2	33.3
KOLAR	3.1	0.2	7.1	27.5	144.3	189.1	146.9	316.2	107.7	192.9	62.2	121.0
MANDYA	0.9	0.0	10.0	79.4	327.3	142.0	140.2	428.7	107.7	312.7	42.0	28.3
MYSURU	0.0	0.1	25.8	67.6	314.2	91.9	200.3	288.0	85.7	327.3	36.4	27.6
RAMANAGARA	0.2	0.0	27.2	87.6	240.0	135.6	132.0	421.3	111.5	329.6	76.6	38.0
SHIVAMOGGA	0.0	0.0	18.6	101.6	302.9	146.3	854.7	540.5	204.9	111.9	18.6	26.6
TUMAKURU	0.1	0.0	15.7	47.2	217.4	149.0	148.4	331.8	125.2	230.5	13.4	49.9

Met Sub-Division/ State/UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
KERALA & MAHE	**3.0**	**12.0**	**47.5**	**195.7**	**426.2**	**308.8**	**652.7**	**553.3**	**221.8**	**214.0**	**172.5**	**89.6**
KERALA	**3.0**	**12.0**	**47.5**	**195.7**	**426.2**	**308.8**	**652.6**	**553.4**	**221.8**	**214.1**	**172.5**	**89.6**
ALAPUZHA	3.4	23.8	66.8	221.5	420.9	338.5	283.9	409.4	127.8	212.2	244.7	119.9
CANNUR	0.0	0.1	11.3	98.7	403.2	416.2	1035.6	656.0	226.8	93.0	81.7	56.6
ERNAKULAM	5.1	16.0	79.6	282.2	645.9	376.4	519.8	640.1	205.5	211.3	261.3	172.6
IDUKKI	8.0	18.3	57.5	249.7	493.5	234.9	783.3	836.6	316.9	400.0	202.0	96.9
KASARGOD	0.0	1.0	52.1	129.7	291.1	478.3	1226.7	827.2	253.5	139.3	101.5	28.8
KOLLAM	11.1	13.0	49.2	266.3	386.7	183.0	295.2	413.7	106.8	229.4	242.4	68.7
KOTTAYAM	2.0	15.2	66.3	330.1	576.0	424.5	453.8	544.8	190.9	243.9	294.3	121.4
KOZHIKODE	2.5	1.2	32.9	141.9	504.3	438.6	883.9	558.8	365.0	209.6	124.0	110.6
MALAPPURAM	0.0	0.0	28.5	120.0	336.8	313.5	670.2	390.5	252.1	154.0	131.3	62.0
PALAKKAD	0.2	0.0	35.6	97.3	263.5	155.8	630.8	424.7	251.8	157.7	76.8	55.0
PATHANAMTHITTA	6.7	40.7	121.7	415.4	410.7	267.1	378.5	522.4	156.5	312.6	433.0	113.3
THIRUVANANTHAPURAM	0.7	56.4	22.4	170.4	366.2	165.2	159.8	194.9	73.1	272.1	166.0	112.3
THRISSUR	0.1	0.0	5.3	123.7	588.8	425.6	572.8	556.1	200.8	117.8	92.7	125.5
WYNAD	0.1	0.0	60.4	165.7	289.2	278.9	1097.2	651.8	235.2	196.4	43.1	26.4
MAHE	0.0	0.0	2.2	163.0	439.4	516.4	831.0	514.6	143.8	58.2	125.4	46.0
LAKSHADWEEP	**0.6**	**17.2**	**10.6**	**100.6**	**273.0**	**366.6**	**295.2**	**364.4**	**365.0**	**120.7**	**68.7**	**113.2**

Table 28: % Departures of District-wise Monthly Rainfall - Year 2022

State/ Met-Sub Division/ UT/District	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A & N ISLAND	-6%	508%	247%	-44%	79%	-32%	35%	-3%	-7%	12%	-25%	15%
NICOBAR	-40%	438%	182%	-57%	-4%	-3%	33%	-2%	-11%	18%	-34%	21%
NORTH & MIDDLE ANDAMAN	-6%	992%	601%	-58%	185%	-32%	59%	16%	23%	27%	20%	82%
SOUTH ANDAMAN	34%	340%	166%	-24%	21%	-42%	6%	-31%	-41%	-6%	-55%	-43%
ARUNACHAL PRADESH	3%	-2%	-55%	44%	15%	32%	-39%	-48%	-5%	98%	-98%	-24%
ANJAW	45%	6%	-62%	59%	-19%	-44%	-75%	-68%	-57%	17%	-100%	40%
CHANGLANG	51%	-8%	-73%	78%	116%	75%	-12%	-47%	29%	78%	-100%	18%
DIBANG VALLEY	-5%	-16%	-59%	34%	-8%	2%	67%	-99%	-100%			
EAST KAMENG	-88%	-44%	-39%	-67%	15%	77%	-50%	-39%	28%	111%	-100%	-100%
EAST SIANG	2%	5%	-33%	104%	64%	76%	-66%	-45%	-4%	287%	-100%	59%
KURUNG KUMEY	-39%	3%	95%	117%	40%	89%	-47%	-21%	-29%	151%	-95%	-19%
LOHIT	-63%	-66%	-84%	-20%	85%	41%	-34%	4%	-51%	-25%	-100%	-89%
LOWER DIBANG VALLEY	37%	-15%	-72%	48%	44%	70%	-31%	-50%	-26%	173%	-100%	-3%
LOWER SUBANSIRI	-89%	-2%	-48%	10%	-17%	-4%	-77%	-69%	-66%	21%	-95%	-63%
PAPUMPARA	73%	111%	-26%	186%	24%	33%	-42%	-44%	-41%	235%	-100%	1%
TAWANG	-50%	-11%	-57%	-20%	-37%	38%	-21%	-30%	19%	93%	-95%	504%
TIRAP						-66%	2%	-33%	-36%	-58%	-100%	-55%
UPPER SIANG	21%	0%	-4%	54%	-5%	33%	-56%	-62%	50%	142%	-95%	29%
UPPER SUBANSIRI	-34%	-29%	-80%	18%	-6%	-4%	-38%	2%	44%	-29%	-92%	-8%
WEST KAMENG	-20%	49%	-86%	-19%	-12%	20%	-50%	-45%	-26%	113%	-99%	-93%
WEST SIANG	26%	63%	-68%	106%	6%	39%	-73%	-59%	32%	76%	-97%	11%

DISTRICT-WISE RAINFALL STATISTICS

ASSAM & MEGHALAYA	72%	83%	-36%	77%	64%	77%	-47%	-45%	-30%	44%	-99%	-54%
ASSAM	66%	73%	-39%	76%	38%	62%	-39%	-39%	-34%	58%	-99%	-51%
BAKSA	40%	63%	-6%	217%	58%	104%	-40%	-22%	-29%	139%	-100%	-65%
BARPETA	128%	210%	-39%	152%	11%	105%	-58%	-15%	-48%	79%	-100%	-7%
BONGAIGAON	132%	479%	-64%	203%	56%	105%	-59%	-7%	-45%	25%	-100%	-100%
CACHAR	171%	-28%	-47%	-21%	69%	69%	10%	-54%	-28%	-28%	-98%	-56%
CHIRANG	225%	162%	-37%	105%	43%	171%	-65%	-8%	-42%	55%	-100%	-100%
DARRANG	38%	37%	-80%	10%	2%	39%	-64%	-68%	-61%	53%	-100%	-100%
DHEMAJI	43%	66%	-51%	251%	85%	138%	-30%	-24%	-18%	173%	-100%	-4%
DHUBRI	-78%	286%	-64%	82%	23%	65%	-72%	-53%	-65%	49%	-100%	-100%
DIBRUGARH	31%	30%	-40%	92%	14%	38%	-28%	-23%	-19%	91%	-100%	35%
GOALPARA	-8%	380%	-75%	23%	16%	70%	-72%	-9%	-80%	61%	-100%	-100%
GOLAGHAT	64%	89%	-53%	30%	-33%	-1%	-38%	-17%	-43%	45%	-100%	-85%
HAILAKANDI	116%	-39%	-27%	-20%	48%	57%	4%	-30%	40%	2%	-98%	-65%
JORHAT	17%	59%	-28%	81%	18%	15%	-10%	-48%	5%	138%	-100%	-49%
KAMRUP (RURAL)	-1%	55%	-97%	6%	26%	88%	-51%	-77%	-46%	27%	-100%	-100%
KAMRUP METRO.	342%	161%	-86%	-41%	34%	54%	-42%	-61%	-37%	59%	-100%	-100%
KARBI ANGLONG	236%	50%	-88%	2%	22%	-14%	-21%	-38%	-24%	66%	-100%	-74%
KARIMGANJ	398%	-24%	-10%	-22%	122%	104%	-5%	-53%	13%	12%	-100%	-21%
KOKRAJHAR	-58%	233%	-20%	182%	56%	97%	-50%	-32%	-14%	149%	-100%	-100%
LAKHIMPUR	-13%	75%	-54%	133%	43%	70%	-49%	-33%	-16%	257%	-100%	-36%
MORIGAON	144%	-1%	-77%	2%	6%	-2%	-40%	-72%	-65%	42%	-96%	-100%
N. C. HILLS	1%	143%	121%	115%	85%	30%	-49%	-40%	-45%	-34%	-100%	-53%
NAGAON	126%	-18%	-91%	-42%	-52%	-28%	-67%	-58%	-65%	3%	-100%	-66%
NALBARI	106%	92%	-35%	136%	41%	116%	-42%	-49%	-72%	77%	-100%	-90%
SHONITPUR	18%	69%	-27%	73%	49%	39%	-50%	-60%	-31%	50%	-100%	-90%
SIBSAGAR	22%	54%	-60%	98%	10%	7%	10%	-29%	-9%	22%	-100%	-78%
TINSUKIA	33%	30%	-65%	92%	21%	33%	-1%	-8%	-27%	6%	-99%	49%
UDALGURI	27%	345%	108%	179%	79%	75%	-51%	-56%	-53%	67%	-100%	-74%
MEGHALAYA	96%	125%	-28%	85%	134%	107%	-61%	-57%	-22%	24%	-98%	-64%
EAST GARO HILLS	212%	541%	-92%	-39%	180%	150%	-34%	41%	211%	193%	-100%	-69%
EAST JAINTIA HILLS	-23%	31%	11%	205%	170%	102%	-69%	-80%	-34%	-26%	-100%	-100%
EAST KHASI HILLS	72%	59%	92%	172%	134%	147%	-58%	-52%	-9%	34%	-99%	-24%
NORTH GARO HILLS						31%	-77%	-51%	-67%	22%	-100%	-100%
RI-BHOI	796%	133%	-94%	-60%	46%	-15%	-45%	-44%	-60%	5%	-80%	-56%
SOUTH GARO HILLS	-84%	201%	-98%	20%	88%	160%	-52%	-53%	13%	43%	-100%	-86%
SOUTH WEST GARO HILLS						26%	-58%	-52%	-59%	61%	-100%	-100%
SOUTH WEST KHASI HILLS		364%	-51%	238%	786%	543%	-37%	-36%	18%	160%	-100%	-24%
WEST GARO HILLS	16%	290%	4%	107%	41%	54%	-47%	-55%	-38%	108%	-100%	-100%
WEST JAINTIA HILLS	-5%	-29%	-83%	121%	87%	49%	-82%	-88%	-79%	-59%	-97%	-95%
WEST KHASI HILLS	84%	135%	-86%	-34%	76%	80%	-64%	-62%	-28%	22%	-100%	-32%
NMMT	97%	33%	-50%	-29%	5%	-20%	-29%	-32%	-32%	1%	-98%	-5%
NAGALAND	140%	140%	-75%	55%	20%	-6%	-20%	-28%	5%	-8%	-98%	24%
DIMAPUR	306%	90%	-86%	102%	64%	-39%	15%	-15%	-11%	-27%	-55%	177%
KIPHIRE	120%	349%	-56%	102%	39%	65%	-55%	-40%	62%	-7%	-100%	363%
KOHIMA	152%	92%	-96%	-6%	14%	-37%	-37%	-82%	-37%	-43%	-100%	-27%

DISTRICT-WISE RAINFALL STATISTICS

LONGLENG	67%	-59%	-64%	19%	2%	12%	-31%	26%	-2%	-36%	-100%	19%
MOKOKCHUNG	146%	138%	-63%	51%	11%	-21%	-22%	4%	-34%	-21%	-100%	13%
MON	20%	1%	-57%	204%	57%	12%	-54%	-17%	17%			
PAREN	640%	182%	-69%	-9%	119%	48%	5%	-44%	-23%	-39%	-100%	-24%
PHEK	64%	99%	-77%	-7%	-16%	-8%	-34%	-29%	-1%	21%	-100%	-36%
TUENSANG	114%	221%	-76%	-5%	-20%	-15%	-18%	-11%	44%	-30%	-100%	1%
WOKHA	199%	67%	-85%	76%	35%	25%	-14%	-51%	-14%	10%	-100%	-38%
ZUNHEBOTO	174%	465%	-56%	118%	85%	9%	52%	43%	39%	132%	-100%	262%
MANIPUR	200%	10%	10%	-19%	53%	-21%	-53%	-63%	-59%	36%	-97%	20%
BISHNUPUR	-6%	-10%	-53%	-3%	44%	-19%	-64%	-73%	-67%	22%	-96%	-2%
CHANDEL	255%	-77%	-71%	-54%	-6%	-55%	-34%	-63%	-77%	57%	-96%	-20%
CHURACHANDPUR	62%	-68%	10%	-11%	15%	-31%	-74%	-79%	-96%	-3%	-94%	62%
IMPHAL EAST	144%	10%	-70%	-18%	63%	41%	-33%	-73%	-31%	-10%	-99%	-67%
IMPHAL WEST	274%	9%	-74%	-33%	35%	22%	-36%	-52%	-50%	1%	-100%	-35%
SENAPATI	339%	264%	202%	69%	179%	19%	-30%	-50%	-15%	9%	-100%	11%
TAMENGLONG	116%	-9%	-15%	-16%	111%	-26%	-74%	-75%	-61%	2%	-100%	1663%
THOUBAL	52%	-3%	-77%	-19%	60%	-5%	-67%	-50%	-78%	-21%	-100%	-53%
UKHRUL	169%	42%	88%	-35%	112%	-18%	-64%	-54%	-14%	100%	-100%	51%
MIZORAM	-37%	-4%	-79%	-65%	-6%	-26%	-7%	-16%	-43%	-26%	-98%	-27%
AIZWAL	-5%	-32%	-64%	-73%	-9%	-18%	-16%	-18%	-52%	-30%	-99%	-55%
CHAMPHAI	-70%	-68%	-79%	-66%	3%	-20%	-4%	-14%	-54%	-34%	-100%	-52%
KOLASIB	104%	-29%	-87%	-38%	49%	9%	51%	-14%	-24%	-13%	-92%	10%
LAWNGTLAI	-70%	-2%	-85%	-77%	-17%	-32%	-43%	-23%	-19%	-14%	-98%	-68%
LUNGLEI	-65%	-57%	-87%	-56%	-10%	-50%	-25%	-17%	-62%	-46%	-100%	-54%
MAMIT	-31%	62%	-77%	-70%	-5%	6%	55%	-18%	-27%	-31%	-97%	178%
SAIHA	-73%	278%	-92%	-81%	-22%	-39%	-22%	-2%	-24%	22%	-100%	-82%
SERCHHIP	10%	-30%	-80%	-64%	-17%	-46%	1%	-17%	-44%	-15%	-94%	-30%
TRIPURA	89%	-23%	-52%	-67%	-11%	-12%	-50%	-26%	-2%	39%	-99%	-48%
DHALAI	86%	5%	1%	-77%	-18%	-18%	-44%	7%	-9%	64%	-100%	-17%
GOMATI	7%	-44%	-86%	-65%	-71%	-17%	-69%	-39%	-18%	53%	-100%	-77%
KHOWAI	75%	-27%	-75%	-76%	-37%	-54%	-33%	-2%	9%	-2%	-100%	-60%
NORTH TRIPURA	274%	-26%	-69%	-61%	-2%	4%	-9%	7%	-9%	52%	-100%	-6%
SIPAHIJALA	55%	5%	-53%	-61%	-20%	5%	-60%	-74%	23%	60%	-100%	-86%
SOUTH TRIPURA	40%	-47%	-69%	-53%	47%	-22%	-65%	-61%	-6%	-6%	-100%	-78%
UNAKOTI	135%	-2%	-50%	-71%	-3%	9%	-37%	-29%	11%	46%	-100%	-24%
WEST TRIPURA	28%	-34%	-36%	-68%	42%	18%	-64%	-54%	18%	31%	-98%	-67%
SHWB & SIKKIM	28%	130%	-25%	87%	22%	61%	-38%	-13%	1%	40%	-88%	-86%
SIKKIM	55%	82%	-12%	81%	28%	43%	-30%	10%	68%	108%	-84%	-72%
EAST SIKKIM	-24%	52%	-7%	16%	-5%	14%	-38%	-11%	7%	31%	-88%	-97%
NORTH SIKKIM	78%	89%	-17%	121%	47%	59%	-26%	22%	99%	151%	-81%	-63%
SOUTH SIKKIM	-56%	122%	50%	-42%	-22%	-5%	-44%	-21%	-5%	42%	-100%	-100%
WEST SIKKIM	-60%	18%	10%	-8%	-4%	33%	-26%	4%	61%	-20%	-97%	-100%
WEST BENGAL	74%	205%	-81%	-13%	29%	-4%	-42%	0%	-13%	-10%	-99%	-98%
COOCH BEHAR	-67%	282%	-3%	230%	64%	112%	-48%	-37%	-41%	-2%	-100%	-100%
DARJEELING	-25%	73%	-58%	-20%	12%	43%	-32%	-10%	25%	41%	-90%	-75%
JALPAIGURI	17%	120%	-34%	124%	3%	73%	-38%	-20%	-12%	46%	-86%	-93%

DISTRICT-WISE RAINFALL STATISTICS

MALDA	112%	455%	-46%	-48%	7%	-63%	-71%	-42%	-46%	-30%	-100%	-99%
NORTH DINAJPUR	-2%	451%	-100%	-32%	-2%	17%	-62%	-37%	-53%	-2%	-100%	-100%
SOUTH DINAJPUR	5%	384%	-53%	-66%	-6%	-14%	-52%	-3%	-43%	-21%	-100%	-90%
GANGETIC WEST BENGAL	90%	197%	-98%	-90%	31%	-49%	-44%	8%	-12%	-19%	-100%	-99%
BANKURA	144%	368%	-100%	-89%	12%	-46%	-57%	29%	-21%	-22%	-100%	-100%
BIRBHUM	97%	654%	-100%	-77%	53%	-62%	-72%	-33%	-5%	20%	-100%	-90%
BURDWAN	120%	232%	-100%	-74%	61%	-40%	-51%	-18%	-10%	-14%	-100%	-99%
EAST MIDNAPORE	1%	120%	-87%	-94%	44%	-48%	-5%	46%	4%	-30%	-100%	-100%
HOOGHLY	122%	65%	-100%	-97%	59%	-20%	-52%	3%	-26%	-15%	-100%	-100%
HOWRAH	189%	44%	-100%	-100%	59%	-48%	-29%	-35%	-20%	29%	-100%	-100%
KOLKATA	-6%	15%	-100%	-99%	81%	-59%	-29%	-20%	-28%	-19%	-100%	-100%
MURSHIDABAD	-1%	666%	-100%	-85%	0%	-58%	-75%	-35%	0%	-13%	-100%	-98%
NADIA	119%	191%	-100%	-97%	6%	-56%	-66%	-41%	-33%	-54%	-100%	-100%
NORTH 24 PARGANAS	104%	38%	-100%	-98%	78%	-57%	-53%	-16%	-5%	-31%	-100%	-98%
PURULIA	165%	269%	-100%	-80%	-10%	-43%	-36%	49%	-29%	9%	-100%	-100%
SOUTH 24 PARGANAS	28%	145%	-99%	-99%	40%	-51%	-36%	13%	10%	-42%	-100%	-99%
WEST MIDNAPORE	105%	79%	-98%	-94%	13%	-53%	-25%	28%	-28%	-3%	-100%	-100%
ODISHA	310%	-31%	-96%	-64%	7%	-37%	10%	32%	-12%	11%	-92%	-95%
ANGUL	221%	-85%	-100%	-89%	10%	-30%	-3%	15%	-51%	27%	-100%	-100%
BALASORE	0%	67%	-99%	-86%	-43%	-38%	20%	31%	-34%	9%	-100%	-100%
BARGARH	236%	-55%	-99%	-62%	-27%	-43%	17%	9%	-27%	47%	-100%	-100%
BHADRAK	239%	49%	-100%	-99%	-7%	-52%	-3%	-8%	-35%	20%	-100%	-74%
BOLANGIR	378%	-97%	-100%	-51%	-42%	-45%	-6%	18%	-20%	11%	-100%	-99%
BOUDHGARH	444%	-96%	-100%	-100%	111%	37%	35%	55%	-31%	31%	-100%	-100%
CUTTACK	322%	-31%	-100%	-99%	17%	-31%	8%	4%	0%	31%	-100%	-94%
DEOGARH	185%	-25%	-93%	-100%	96%	-36%	28%	57%	-46%	4%	-100%	-100%
DHENKANAL	357%	-25%	-100%	-86%	37%	-1%	23%	42%	-13%	-4%	-100%	-98%
GAJAPATI	472%	-95%	-70%	-58%	8%	-29%	28%	38%	44%	13%	-86%	-67%
GANJAM	251%	-76%	-100%	-60%	6%	-41%	9%	31%	24%	39%	-99%	-98%
JAGATSINGHPUR	102%	-17%	-100%	-100%	-52%	-56%	50%	7%	14%	12%	-100%	-95%
JAJPUR	284%	47%	-98%	-100%	13%	-14%	16%	-2%	-25%	-7%	-100%	-100%
JHARSUGUDA	337%	129%	-100%	-83%	36%	-47%	-1%	22%	-41%	32%	-100%	-100%
KALAHANDI	686%	-100%	-100%	-90%	-11%	-39%	-7%	43%	-30%	9%	-100%	-100%
KANDHAMAL	551%	-98%	-100%	-31%	26%	-14%	54%	103%	11%	21%	-84%	-92%
KENDRAPARA	117%	15%	-100%	-100%	-24%	-69%	32%	13%	-7%	5%	-100%	-100%
KEONJHARGARH	125%	-14%	-96%	-57%	-2%	-45%	15%	19%	-25%	-19%	-100%	-99%
KHURDA	302%	-32%	-100%	-98%	40%	-56%	24%	-9%	-7%	-14%	-100%	-100%
KORAPUT	564%	-100%	-93%	-4%	66%	-48%	33%	55%	53%	43%	-42%	-65%
MALKANGIRI	1227%	-100%	-100%	-19%	-3%	-37%	27%	-9%	40%	-56%	-100%	-89%
MAYURBHANJ	86%	18%	-84%	-58%	-24%	-39%	-5%	36%	-24%	-1%	-100%	-100%
NAWAPARA	699%	-100%	-100%	-43%	-28%	-16%	16%	29%	-20%	-38%	-100%	-61%
NAWARANGPUR	848%	-100%	-100%	-38%	-21%	-50%	14%	41%	-2%	-33%	-100%	-100%
NAYAGARH	138%	-99%	-100%	-71%	33%	-26%	13%	55%	-18%	27%	-100%	-100%
PURI	69%	-82%	-100%	-100%	-21%	-86%	31%	6%	-9%	22%	-100%	-100%
RAYAGADA	732%	-100%	-99%	-71%	-4%	-9%	11%	56%	-12%	-6%	-54%	-85%
SAMBALPUR	174%	-24%	-100%	-96%	94%	-42%	-20%	33%	-30%	45%	-100%	-100%

DISTRICT-WISE RAINFALL STATISTICS

SONEPUR	323%	-100%	-100%	-100%	-27%	-31%	7%	8%	-54%	-13%	-100%	-100%
SUNDARGARH	231%	148%	-99%	-82%	35%	-65%	-24%	43%	-33%	26%	-100%	-100%
JHARKHAND	123%	168%	-90%	-92%	42%	-49%	-49%	13%	2%	25%	-100%	-96%
BOKARO	174%	210%	-100%	-82%	-5%	-46%	-49%	42%	41%	16%	-100%	-86%
CHATRA	-26%	-11%	-100%	-100%	-31%	-88%	-63%	10%	-7%	45%	-100%	-100%
DEOGHAR	187%	225%	-100%	-97%	-2%	-45%	-71%	-37%	16%	-6%	-100%	-81%
DHANBAD	17%	287%	-100%	-100%	49%	-35%	-62%	7%	-33%	-3%	-100%	-93%
DUMKA	132%	484%	-100%	-93%	131%	-35%	-73%	-16%	24%	29%	-100%	-88%
EAST SINGBHUM	261%	259%	-94%	-89%	145%	-9%	-16%	57%	-14%	99%	-100%	-100%
GARHWA	1%	24%	-100%	-100%	76%	-77%	-52%	-37%	-8%	155%	-100%	-100%
GIRIDIH	46%	438%	-100%	-93%	-12%	-44%	-57%	-11%	35%	37%	-100%	-81%
GODDA	70%	287%	-100%	-74%	55%	-49%	-82%	-52%	-27%	24%	-100%	-100%
GUMLA	38%	104%	-80%	-90%	42%	-64%	-49%	30%	-9%	9%	-100%	-100%
HAZARIBAG	21%	115%	-100%	-100%	41%	-59%	-56%	2%	31%	46%	-100%	-78%
JAMTARA	54%	281%	-100%	-100%	103%	-66%	-77%	-21%	-17%	-38%	-100%	-47%
KHUNTI	72%	125%	-87%	-100%	-15%	-70%	-30%	38%	-44%	-42%	-100%	-100%
KODERMA	244%	337%	-100%	-100%	67%	-50%	-47%	-3%	62%	87%	-100%	-86%
LATEHAR	39%	69%	-100%	-100%	103%	-54%	-53%	18%	30%	18%	-100%	-100%
LOHARDAGA	185%	49%	-100%	-100%	4%	-57%	-44%	-4%	22%	40%	-100%	-100%
PAKUR	-46%	168%	-100%	-95%	5%	-60%	-80%	-61%	-34%	-47%	-100%	-93%
PALAMU	52%	16%	-93%	-100%	54%	-61%	-61%	-28%	-4%	54%	-100%	-98%
RAMGARH	149%	81%	-100%	-100%	-4%	-61%	-45%	36%	39%	32%	-100%	-98%
RANCHI	198%	83%	-99%	-100%	10%	-38%	-45%	55%	50%	43%	-100%	-100%
SAHIBGANJ	-30%	1056%	-100%	-20%	38%	-70%	-77%	-33%	-53%	11%	-100%	-100%
SERAIKELA-KHARSAWAN	55%	221%	-100%	-100%	18%	-37%	-30%	29%	-13%	20%	-100%	-100%
SIMDEGA	170%	316%	-74%	-70%	43%	-69%	-46%	45%	-24%	26%	-100%	-100%
WEST SINGBHUM	333%	82%	-58%	-94%	33%	-22%	-14%	36%	-29%	-1%	-100%	-100%
BIHAR	19%	177%	-99%	-40%	32%	6%	-60%	-37%	-5%	43%	-100%	-98%
ARARIA	-25%	171%	-100%	-6%	11%	151%	-60%	-45%	-2%	60%	-100%	-100%
ARWAL	199%	41%	-100%	-100%	33%	-40%	-78%	-18%	-20%	35%	-100%	-100%
AURANGABAD	106%	-7%	-100%	-100%	-36%	-53%	-59%	-2%	-1%	6%	-100%	-100%
BANKA	54%	270%	-100%	-100%	29%	-29%	-62%	-52%	36%	67%	-100%	-85%
BEGUSARAI	26%	152%	-100%	-100%	-19%	-6%	-47%	-45%	-33%	163%	-100%	-100%
BHABUA	24%	-7%	-100%	-100%	-6%	-33%	-61%	-15%	-11%	38%	-100%	-100%
BHAGALPUR	-71%	251%	-100%	-89%	-8%	-29%	-82%	-62%	-46%	25%	-100%	-100%
BHOJPUR	84%	14%	-100%	-100%	55%	-20%	-47%	-31%	-13%	13%	-100%	-100%
BUXAR	-94%	22%	-100%	-100%	36%	44%	-77%	-52%	22%	26%	-100%	-100%
DARBHANGA	-85%	211%	-100%	-44%	155%	0%	-60%	-34%	-2%	40%	-100%	-100%
EAST CHAMPARAN	-27%	238%	-100%	-31%	13%	2%	-65%	-31%	-4%	15%	-100%	-100%
GAYA	156%	18%	-100%	-100%	-31%	-55%	-66%	-1%	-3%	3%	-100%	-100%
GOPALGANJ	-7%	19%	-100%	-100%	-23%	-27%	-67%	-31%	22%	50%	-100%	-100%
JAHANABAD	215%	43%	-100%	-100%	54%	-36%	-57%	-10%	-31%	4%	-100%	-100%
JAMUI	220%	338%	-100%	-100%	2%	-20%	-65%	-41%	1%	42%	-100%	-96%
KATIHAR	-87%	302%	-100%	-7%	68%	-29%	-66%	-50%	-39%	42%	-100%	-100%
KHAGARIA	22%	567%	-100%	-37%	20%	-9%	-78%	-47%	-28%	123%	-100%	-97%
KISHANGANJ	-67%	246%	-100%	22%	38%	145%	-56%	-41%	-23%	91%	-100%	-100%

DISTRICT-WISE RAINFALL STATISTICS

District												
LAKHISARAI	38%	420%	-100%	-100%	-18%	-47%	-66%	-56%	-39%	123%	-100%	-100%
MADHEPURA	-88%	235%	-100%	0%	32%	38%	-83%	-53%	11%	56%	-100%	-100%
MADHUBANI	-62%	365%	-100%	24%	83%	38%	-56%	-34%	-43%	-11%	-100%	-100%
MONGHYR	32%	265%	-100%	-87%	-25%	10%	-84%	-48%	-25%	92%	-100%	-100%
MUZAFFARPUR	-22%	82%	-100%	-80%	44%	7%	-49%	-29%	-19%	-10%	-100%	-92%
NALANDA	162%	73%	-100%	-100%	28%	-41%	-56%	-8%	-2%	63%	-100%	-100%
NAWADA	192%	177%	-100%	-100%	-21%	-54%	-45%	-47%	82%	23%	-100%	-100%
PATNA	62%	55%	-100%	-100%	17%	-1%	-47%	-42%	-23%	33%	-100%	-100%
PURNEA	-12%	354%	-81%	-14%	33%	26%	-68%	-57%	3%	33%	-100%	-100%
ROHTAS	51%	8%	-100%	-100%	-60%	-29%	-61%	-29%	-20%	82%	-100%	-100%
SAHARSA	-70%	176%	-100%	-67%	19%	-7%	-69%	-72%	-22%	88%	-100%	-100%
SAMASTIPUR	-22%	87%	-100%	-99%	51%	-14%	-49%	-28%	-6%	50%	-100%	-100%
SARAN	-8%	-8%	-100%	-100%	-37%	-42%	-62%	-60%	-21%	-14%	-100%	-76%
SHEIKHPURA	31%	504%	-100%	-100%	-23%	-51%	-63%	-60%	-19%	31%	-100%	-100%
SHEOHAR	-100%	25%	-100%	-56%	-6%	-45%	-68%	-26%	-22%	-33%	-100%	-100%
SITAMARHI	-69%	229%	-100%	-44%	-2%	9%	-80%	-67%	-39%	-58%	-100%	-100%
SIWAN	-50%	105%	-100%	-100%	84%	-18%	-48%	-32%	50%	-4%	-100%	-87%
SUPAUL	-82%	86%	-100%	-41%	108%	79%	-43%	-37%	8%	53%	-100%	-100%
VAISHALI	3%	171%	-100%	-47%	-33%	-14%	-31%	-47%	-3%	76%	-100%	-100%
WEST CHAMPARAN	-54%	667%	-100%	55%	79%	6%	-59%	-33%	44%	112%	-100%	-100%
UTTAR PRADESH	**224%**	**1%**	**-99%**	**-100%**	**39%**	**-53%**	**-44%**	**-41%**	**31%**	**416%**	**-94%**	**-99%**
EAST UTTAR PRADESH	**124%**	**-18%**	**-100%**	**-100%**	**19%**	**-51%**	**-47%**	**-37%**	**19%**	**345%**	**-100%**	**-98%**
AMBEDKAR NAGAR	-25%	-79%	-100%	-100%	-66%	-65%	-18%	-61%	-28%	310%	-100%	-91%
AMETHI	290%	-88%	-100%	-100%	161%	-42%	-66%	-47%	-25%	176%	-100%	-100%
AYODHYA	147%	-54%	-100%	-100%	107%	-65%	-42%	-56%	21%	551%	-100%	-100%
AZAMGARH	-13%	-79%	-100%	-100%	-61%	-43%	-46%	-52%	5%	207%	-100%	-100%
BAHRAICH	-10%	6%	-100%	-100%	-7%	-83%	-57%	-53%	53%	644%	-100%	-100%
BALLIA	-35%	-79%	-100%	-100%	20%	-65%	-72%	-49%	41%	14%	-100%	-100%
BALRAMPUR	58%	-3%	-100%	-100%	-9%	-65%	-3%	-23%	111%	518%	-100%	-88%
BANDA	431%	-100%	-100%	-100%	-45%	-81%	-43%	-26%	-45%	243%	-100%	-100%
BARABANKI	113%	-24%	-100%	-100%	14%	-65%	-46%	-9%	95%	821%	-100%	-96%
BASTI	53%	-6%	-100%	-100%	-56%	-69%	-63%	-36%	19%	377%	-100%	-99%
BHADOHI	43%	-100%	-100%	-100%	35%	-4%	-35%	-36%	21%	138%	-100%	-100%
CHANDAULI	-90%	-100%	-100%	-100%	-84%	-35%	-59%	-82%	-28%	-62%	-100%	-100%
CHITRAKOOT	735%	-100%	-100%	-100%	-22%	-62%	-1%	124%	133%	671%	-100%	-100%
DEORIA	224%	177%	-100%	-100%	25%	21%	-75%	-21%	285%	292%	-100%	-100%
FARRUKHABAD	320%	-28%	-100%	-100%	-18%	-80%	-80%	-78%	-58%	212%	-100%	-100%
FATEHPUR	310%	-100%	-100%	-100%	-72%	-77%	-44%	-29%	28%	334%	-100%	-100%
GHAZIPUR	-76%	-34%	-100%	-100%	-30%	22%	-48%	-75%	-9%	-38%	-100%	-100%
GONDA	131%	119%	-100%	-100%	27%	-85%	-53%	-59%	44%	571%	-100%	-100%
GORAKHPUR	88%	151%	-100%	-100%	-48%	-53%	-56%	-37%	42%	234%	-100%	-96%
HARDOI	101%	-20%	-100%	-100%	46%	-25%	-66%	-55%	-30%	334%	-100%	-100%
JAUNPUR	-75%	-88%	-100%	-100%	-71%	-76%	-70%	-68%	3%	114%	-100%	-100%
KANNAUJ	177%	-31%	-100%	-100%	-36%	-58%	-22%	-28%	-15%	286%	-100%	-100%
KANPUR CITY	141%	-43%	-100%	-100%	-78%	-72%	-56%	-20%	32%	320%	-100%	-100%
KANPUR DEHAT	125%	-78%	-100%	-100%	-38%	-86%	-71%	-70%	-5%	171%	-100%	-100%

DISTRICT-WISE RAINFALL STATISTICS

District												
KAUSHAMBI	-30%	-100%	-100%	-100%	-76%	-98%	-51%	-43%	64%	202%	-100%	-100%
KHERI	78%	122%	-100%	-100%	108%	-26%	1%	-17%	108%	812%	-100%	-100%
KUSHI NAGAR	173%	85%	-100%	-100%	-14%	-56%	-80%	-67%	-38%	87%	-100%	-100%
LUCKNOW	41%	14%	-100%	-100%	21%	-52%	-31%	-30%	52%	587%	-100%	-98%
MAHARAJGANJ	32%	115%	-100%	-100%	36%	-7%	-82%	-47%	53%	398%	-100%	-96%
MAU	-28%	-73%	-100%	-100%	-64%	-53%	-70%	-64%	93%	-5%	-100%	-100%
MIRZAPUR	25%	-87%	-100%	-100%	-11%	-43%	-39%	-69%	-67%	-1%	-100%	-100%
PRATAPGARH	308%	-100%	-100%	-100%	3%	-50%	5%	1%	31%	738%	-100%	-100%
PRAYAGRAJ	137%	-100%	-100%	-100%	108%	-40%	-41%	-56%	-22%	12%	-100%	-100%
RAE BAREILLY	204%	-93%	-100%	-100%	24%	-81%	-51%	-41%	8%	161%	-100%	-100%
SANT KABIR NAGAR	151%	-58%	-100%	-100%	-89%	-47%	-74%	-64%	9%	242%	-100%	-100%
SHRAWASTI NAGAR	197%	53%	-100%	-100%	5%	-64%	-73%	-23%	50%	883%	-100%	-100%
SIDDHARTH NAGAR	713%	176%	-100%	-100%	75%	-43%	-65%	-57%	28%	549%	-100%	-83%
SITAPUR	95%	21%	-100%	-100%	139%	-54%	-53%	-54%	-17%	343%	-100%	-100%
SONBHADRA	15%	-72%	-100%	-100%	35%	-40%	-34%	18%	-28%	53%	-100%	-100%
SULTANPUR	101%	-41%	-100%	-100%	209%	-53%	-58%	-38%	-32%	417%	-100%	-90%
UNNAO	107%	-83%	-100%	-100%	-60%	-42%	-46%	-48%	-37%	272%	-100%	-100%
VARANASI	8%	-82%	-100%	-100%	-49%	91%	-39%	-6%	-8%	41%	-100%	-100%
WEST UTTAR PRADESH	363%	20%	-99%	-100%	74%	-57%	-38%	-46%	55%	576%	-87%	-100%
AGRA	161%	-79%	-100%	-100%	43%	-17%	36%	-47%	51%	423%	61%	-100%
ALIGARH	83%	-25%	-100%	-100%	101%	-66%	-35%	-74%	94%	588%	-100%	-100%
AMROHA	544%	102%	-100%	-100%	45%	-82%	-56%	-80%	-1%	447%	-100%	-100%
AURAIYA	131%	-100%	-100%	-100%	-100%	-92%	15%	-34%	183%	555%	-100%	-100%
BADAUN	164%	48%	-100%	-100%	171%	-99%	-45%	-27%	108%	755%	-100%	-100%
BAGHPAT	322%	11%	-100%	-100%	72%	-67%	-56%	-78%	13%	345%	-100%	-100%
BAREILLY	389%	234%	-100%	-100%	106%	-65%	-48%	-61%	37%	1275%	-100%	-100%
BIJNOR	477%	32%	-100%	-100%	28%	4%	-63%	-67%	54%	1064%	-100%	-100%
BULANDSHAHAR	255%	35%	-96%	-100%	13%	-77%	-40%	-74%	54%	1011%	-100%	-100%
ETAH	483%	81%	-100%	-100%	92%	-89%	22%	-23%	246%	1115%	-64%	-100%
ETAWAH	147%	-100%	-100%	-100%	-84%	-99%	-21%	-24%	75%	620%	-100%	-100%
FIROZABAD	151%	-80%	-100%	-100%	111%	-74%	41%	-37%	143%	443%	134%	-100%
GAUTAM BUDDHA NAGAR	86%	-24%	-100%	-100%	24%	-82%	-64%	-90%	-49%	900%	-100%	-100%
GHAZIABAD	123%	-70%	-100%	-100%	-5%	-72%	-63%	-95%	-34%	951%	-100%	-100%
HAMIRPUR	556%	-100%	-100%	-100%	55%	-90%	-31%	-1%	139%	364%	-100%	-100%
HAPUR	322%	-19%	-100%	-100%	495%	26%	-7%	-57%	-4%	826%	-100%	-100%
HATHRAS	171%	121%	-100%	-100%	-27%	-85%	11%	-54%	122%	1026%	-73%	-100%
JALAUN	307%	-100%	-100%	-100%	189%	-75%	-16%	-14%	95%	575%	-100%	-100%
JHANSI	487%	-100%	-95%	-100%	134%	-64%	-42%	-16%	104%	182%	-100%	-100%
KASGANJ	154%	151%	-100%	-100%	68%	-79%	-44%	-41%	75%	563%	-100%	-100%
LALITPUR	761%	-100%	-100%	-100%	206%	-13%	-28%	9%	22%	133%	-100%	-100%
MAHOBA	271%	-100%	-100%	-100%	70%	-84%	-35%	-15%	20%	529%	-100%	-100%
MAINPURI	86%	-65%	-100%	-100%	38%	-83%	-40%	-38%	-21%	481%	-73%	-100%
MATHURA	331%	-19%	-100%	-100%	-44%	-37%	-16%	-63%	9%	859%	-61%	-100%
MEERUT	474%	17%	-100%	-100%	135%	-43%	-32%	-84%	51%	1146%	-100%	-100%
MORADABAD	382%	69%	-100%	-100%	68%	-57%	-64%	-63%	19%	667%	-100%	-100%
MUZAFFARNAGAR	513%	66%	-100%	-100%	183%	-35%	-29%	-64%	82%	538%	-100%	-100%

DISTRICT-WISE RAINFALL STATISTICS

PILIBHIT	351%	79%	-100%	-100%	52%	-58%	-62%	-42%	-1%	500%	-100%	-100%
RAMPUR	386%	53%	-100%	-100%	59%	-91%	-81%	-60%	15%	483%	-100%	-100%
SAHARANPUR	622%	-11%	-100%	-100%	17%	-66%	-33%	-69%	45%	2%	-100%	-100%
SAMBHAL	248%	178%	-100%	-100%	198%	-66%	-30%	-64%	-2%	1014%	-100%	-100%
SHAHJAHANPUR	75%	23%	-100%	-100%	3%	-36%	-81%	-62%	-24%	403%	-100%	-100%
SHAMLI	294%	-27%	-100%	-100%	2%	-48%	-48%	-80%	35%	20%	-100%	-100%
UTTARAKHAND	157%	-10%	-96%	-80%	51%	-29%	-3%	-14%	47%	279%	-69%	-99%
ALMORA	156%	-26%	-100%	-94%	46%	-52%	-7%	-33%	36%	722%	-100%	-100%
BAGESHWAR	126%	26%	-87%	-57%	151%	132%	228%	117%	288%	766%	2%	-100%
CHAMOLI	131%	-15%	-93%	-67%	16%	60%	87%	38%	84%	371%	-56%	-100%
CHAMPAWAT	137%	-17%	-92%	-91%	31%	-43%	-60%	-49%	49%	388%	-95%	-98%
DEHRADUN	250%	-13%	-99%	-93%	45%	-61%	-17%	13%	78%	86%	-84%	-97%
GARHWAL PAURI	162%	-46%	-100%	-100%	42%	-63%	-34%	-64%	-19%	66%	-75%	-100%
GARHWAL TEHRI	200%	2%	-100%	-89%	69%	-25%	14%	-15%	57%	29%	-45%	-98%
HARDWAR	403%	2%	-100%	-100%	24%	-70%	-36%	-60%	44%	262%	-100%	-100%
NAINITAL	204%	4%	-99%	-99%	-12%	-55%	-52%	-26%	14%	549%	-100%	-99%
PITHORAGARH	77%	-8%	-92%	-74%	91%	-20%	-11%	-24%	37%	274%	-84%	-100%
RUDRAPRAYAG	47%	-12%	-97%	-85%	42%	-22%	-2%	-40%	18%	69%	-53%	-100%
UDHAM SINGH NAGAR	352%	190%	-100%	-98%	49%	-24%	-41%	-8%	95%	596%	-100%	-100%
UTTARKASHI	152%	-19%	-96%	-74%	50%	-59%	5%	10%	40%	43%	-52%	-100%
HAR. CHD & DELHI	379%	-12%	-99%	-95%	73%	-36%	47%	-53%	80%	283%	-93%	-99%
HARYANA	376%	-11%	-99%	-94%	72%	-34%	48%	-52%	82%	282%	-93%	-99%
AMBALA	277%	-49%	-100%	-99%	-32%	-60%	-30%	-85%	27%	100%	-98%	-100%
BHIWANI	243%	-78%	-100%	-100%	16%	-66%	31%	-50%	2%	26%	-100%	-100%
CHARKHI DADRI	255%	-46%	-100%	-100%	45%	-23%	43%	-41%	45%	270%	-7%	-100%
FARIDABAD	354%	0%	-100%	-100%	170%	-49%	-32%	-67%	32%	905%	-100%	-100%
FATEHABAD	134%	-11%	-100%	-100%	89%	11%	176%	-28%	316%	118%	-100%	-100%
GURGAON	796%	-9%	-100%	-99%	193%	-20%	19%	-65%	246%	830%	-100%	-100%
HISAR	392%	-79%	-99%	-68%	40%	-29%	103%	-22%	135%	-44%	-82%	-100%
JHAJJAR	719%	-31%	-100%	-100%	148%	10%	96%	-62%	160%	388%	-100%	-100%
JIND	303%	-14%	-100%	-92%	75%	4%	90%	-53%	-9%	-37%	-100%	-100%
KAITHAL	269%	12%	-100%	-100%	184%	-33%	135%	-62%	29%	-32%	-100%	-96%
KARNAL	234%	20%	-100%	-100%	179%	-49%	70%	-40%	139%	-19%	-100%	-98%
KURUKSHETRA	541%	159%	-100%	-100%	382%	-19%	89%	-78%	131%	96%	-100%	-100%
MAHENDRAGARH	438%	-68%	-100%	-88%	-53%	-35%	41%	-38%	184%	414%	-60%	-100%
NUH	914%	35%	-100%	-100%	69%	7%	20%	-55%	142%	1217%	-74%	-100%
PALWAL	647%	24%	-100%	-100%	47%	14%	53%	-42%	66%	1367%	-100%	-100%
PANCHKULA	426%	6%	-100%	-96%	54%	-44%	25%	-43%	4%	280%	-100%	-100%
PANIPAT	382%	2%	-100%	-100%	136%	-52%	107%	-36%	76%	131%	-100%	-100%
REWARI	729%	-11%	-100%	-81%	2%	-26%	23%	-71%	81%	460%	-97%	-100%
ROHTAK	303%	-25%	-100%	-97%	19%	-55%	73%	-78%	129%	26%	-100%	-100%
SIRSA	309%	-49%	-87%	-85%	7%	-21%	92%	21%	8%	-81%	-97%	-100%
SONEPAT	395%	-29%	-100%	-100%	26%	-58%	16%	-44%	33%	56%	-100%	-100%
YAMUNA NAGAR	397%	40%	-100%	-98%	46%	-65%	-20%	-62%	55%	123%	-100%	-100%
CHANDIGARH (UT)	452%	-1%	-100%	-99%	15%	-61%	70%	-41%	61%	41%	-99%	-98%
DELHI	403%	-33%	-100%	-99%	105%	-70%	19%	-67%	42%	415%	-100%	-100%

DISTRICT-WISE RAINFALL STATISTICS

District												
CENTRAL DELHI	626%	22%	-100%	-100%	118%	-80%	46%	-53%	19%	788%	-100%	-100%
EAST DELHI	442%	-43%	-100%	-100%	42%	-6%	76%	-16%	58%	839%	-100%	-100%
NEW DELHI	359%	12%	-100%	-99%	82%	-70%	26%	-77%	37%	576%	-100%	-100%
NORTH DELHI	276%	31%	-100%	-99%	59%	-70%	37%	-70%	76%	575%	-100%	-100%
NORTH EAST DELHI	186%	-61%	-100%	-99%	35%	-52%	-36%	-84%	-35%	385%	-100%	-100%
NORTH WEST DELHI	375%	-12%	-100%	-98%	90%	-82%	60%	-87%	-13%	204%	-100%	-100%
SOUTH DELHI	370%	-64%	-100%	-100%	158%	-67%	9%	-58%	62%	534%	-100%	-100%
SOUTH WEST DELHI	482%	-44%	-100%	-96%	124%	-79%	4%	-58%	86%	371%	-100%	-100%
WEST DELHI	414%	0%	-100%	-100%	59%	-63%	-28%	-88%	4%	219%	-100%	-100%
PUNJAB	415%	-15%	-98%	-97%	16%	-27%	36%	-60%	24%	13%	-72%	-96%
AMRITSAR	310%	-35%	-97%	-99%	-86%	-30%	-5%	-39%	-7%	-91%	-93%	-98%
BARNALA	797%	-3%	-100%	-100%	12%	-68%	122%	-84%	22%	-100%	-100%	-100%
BHATINDA	391%	-54%	-99%	-73%	39%	-27%	109%	-55%	104%	-100%	-89%	-99%
FARIDKOT	707%	-28%	-100%	-86%	-31%	69%	82%	72%	-19%	-100%	-79%	-83%
FATEHGARH SAHIB	484%	-31%	-100%	-100%	139%	7%	42%	-86%	62%	134%	-100%	-100%
FAZILKA	268%	-83%	-97%	-97%	-85%	-23%	-3%	-76%	-76%	-100%	-100%	-100%
FEROZEPUR	687%	110%	-95%	-96%	-38%	74%	124%	1%	4%	-100%	-82%	-53%
GURDASPUR	457%	-19%	-98%	-99%	42%	6%	20%	-59%	55%	-81%	79%	-96%
HOSHIARPUR	306%	-43%	-96%	-100%	-75%	-55%	-15%	-69%	-8%	-29%	-70%	-100%
JALANDHAR	254%	-19%	-99%	-99%	-6%	-38%	6%	-77%	15%	149%	-88%	-95%
KAPURTHALA	1085%	52%	-89%	-100%	18%	-16%	102%	-32%	-8%	33%	-36%	-79%
LUDHIANA	511%	53%	-99%	-97%	89%	-23%	80%	-64%	92%	57%	-89%	-97%
MANSA	376%	-37%	-100%	-100%	105%	-79%	14%	-48%	175%	-40%	-100%	-100%
MOGA	322%	58%	-100%	-88%	-2%	-40%	-53%	-46%	72%	-92%	-100%	-81%
MUKTSAR	272%	-51%	-98%	-92%	-68%	-50%	111%	-31%	-41%	-100%	-92%	-97%
PATHANKOT	213%	-40%	-99%	-97%	193%	30%	17%	-29%	45%	289%	71%	-91%
PATIALA	433%	-34%	-100%	-100%	131%	-35%	24%	-85%	31%	169%	-96%	-99%
RUPNAGAR	471%	54%	-100%	-98%	-21%	-14%	11%	-59%	-21%	123%	-100%	-99%
SANGRUR	300%	-60%	-100%	-100%	85%	-66%	24%	-82%	47%	89%	-100%	-100%
SAS NAGAR (MOHALI)	341%	-2%	-100%	-91%	38%	-16%	115%	-93%	62%	-30%	-100%	-100%
SBS NAGAR	409%	19%	-100%	-100%	64%	-1%	-12%	-73%	-23%	313%	-88%	-98%
TARN TARAN	398%	-18%	-98%	-98%	-100%	-7%	25%	-56%	-11%	-98%	-85%	-96%
HIMACHAL PRADESH	96%	-21%	-95%	-87%	-15%	-35%	3%	-5%	11%	51%	-1%	-83%
BILASPUR	341%	16%	-94%	-97%	1%	-12%	53%	-11%	7%	312%	-88%	-99%
CHAMBA	87%	-37%	-97%	-89%	-32%	-23%	-7%	-1%	-6%	21%	46%	-64%
HAMIRPUR	243%	-27%	-92%	-92%	-25%	37%	6%	-27%	23%	-9%	-86%	-99%
KANGRA	172%	-37%	-92%	-95%	20%	-36%	4%	-3%	17%	116%	-12%	-84%
KINNAUR	-4%	-54%	-97%	-82%	-51%	-73%	14%	-35%	19%	-47%	-30%	-83%
KULLU	92%	18%	-92%	-72%	1%	-22%	61%	44%	19%	145%	17%	-72%
LAHAUL & SPITI	27%	-31%	-95%	-90%	-74%	-74%	-73%	-59%	-29%	-46%	10%	-91%
MANDI	141%	6%	-88%	-78%	38%	-26%	15%	25%	-3%	164%	-54%	-91%
SHIMLA	147%	10%	-98%	-89%	50%	-33%	64%	53%	50%	117%	-38%	-80%
SIRMAUR	461%	58%	-99%	-99%	95%	-47%	-13%	-30%	78%	179%	-98%	-98%
SOLAN	350%	27%	-96%	-96%	44%	-21%	25%	-2%	17%	115%	-93%	-99%
UNA	343%	-31%	-98%	-93%	-45%	2%	-4%	-63%	11%	-37%	-99%	-97%
J & K AND LADAKH	77%	-41%	-88%	-78%	-23%	53%	17%	-15%	-15%	20%	75%	-78%

DISTRICT-WISE RAINFALL STATISTICS

District												
JAMMU & KASHMIR(UT)	77%	-41%	-88%	-78%	-23%	53%	17%	-15%	-15%	20%	75%	-78%
ANANTNAG	49%	34%	-90%	-69%	-33%	75%	22%	-9%	-48%	-2%	41%	-60%
BADGAM	27%	24%	-81%	-61%	-35%	188%	121%	-44%	-88%	-19%	81%	-82%
BANDIPORE	-25%	-53%	-81%	-58%	-54%	81%	-24%	-50%	-76%	-49%	90%	-33%
BARAMULA	119%	-30%	-62%	-35%	-23%	169%	33%	-8%	-28%	-52%	136%	-63%
DODA	152%	-16%	-96%	-79%	-13%	51%	78%	28%	62%	44%	65%	-79%
GANDERBAL	63%	-50%	-50%	-79%	-12%	-12%	18%	-35%	-89%	14%	48%	-82%
JAMMU	229%	-47%	-99%	-96%	18%	21%	13%	0%	49%	-24%	15%	-82%
KATHUA	144%	-71%	-97%	-97%	82%	-37%	-29%	-21%	-2%	4%	-25%	-97%
KISTWAR	-70%	-94%	-99%	-98%	-97%	-22%	7%	-65%	-50%	96%	85%	-93%
KULGAM	13%	-38%	-91%	-68%	-22%	84%	34%	-6%	-62%	12%	47%	-68%
KUPWARA	-8%	-58%	-76%	-74%	-23%	143%	-7%	-18%	-45%	-66%	52%	-29%
POONCH	-39%	1%	-67%	-70%	-27%	119%	35%	29%	-58%	-100%	255%	-56%
PULWAMA	47%	14%	-81%	-66%	-13%	161%	66%	-39%	-24%	9%	51%	-81%
RAJOURI	260%	-39%	-84%	-86%	63%	122%	8%	20%	-80%	163%	64%	-90%
RAMBAN	78%	-39%	-93%	-86%	-5%	147%	49%	40%	-41%	25%	54%	-67%
REASI	197%	-25%	-97%	-98%	36%	-9%	-5%	-23%	5%	137%	186%	-78%
SAMBA	371%	-21%	-94%	-92%	-49%	-12%	64%	24%	-16%	-90%	196%	-89%
SHOPIAN	-90%	-10%	-92%	-76%	-54%	27%	-59%	-83%	-95%	-76%	-37%	-85%
SRINAGAR	21%	18%	-74%	-61%	-20%	146%	84%	-28%	-23%	0%	142%	-87%
UDHAMPUR	340%	5%	-98%	-98%	115%	73%	40%	-37%	34%	15%	44%	-84%
LADAKH (UT)	246%	138%	6%	-22%	-38%	-29%	113%	-6%	113%	-2%	26%	19%
KARGIL	491%	186%	627%	14%	-84%	-85%	1211%	140%	-20%	-100%	47%	51%
LADAKH (LEH)	110%	61%	-87%	-37%	27%	-4%	55%	-21%	127%	10%	3%	-17%
RAJASTHAN	526%	-79%	-49%	-97%	-58%	0%	67%	39%	-15%	188%	-78%	-100%
EAST RAJASTHAN	393%	-77%	-24%	-99%	-36%	-12%	45%	23%	8%	347%	-75%	-100%
AJMER	585%	-98%	-35%	-100%	-3%	9%	78%	4%	-50%	88%	-100%	-100%
ALWAR	699%	-47%	-100%	-99%	-53%	10%	36%	-41%	84%	763%	-13%	-100%
BANSWARA	-20%	-100%	-14%	-100%	111%	-63%	46%	17%	-14%	107%	-100%	-100%
BARAN	402%	-100%	-47%	-100%	-25%	19%	32%	14%	51%	305%	-100%	-100%
BHARATPUR	306%	-26%	-100%	-100%	-49%	26%	-1%	-44%	105%	1073%	-20%	-100%
BHILWARA	92%	-100%	45%	-100%	-66%	-44%	54%	0%	-25%	233%	-98%	-100%
BUNDI	300%	-100%	56%	-100%	145%	56%	33%	60%	12%	473%	-100%	-100%
CHITTORGARH	50%	-100%	610%	-100%	-67%	-62%	44%	9%	-30%	356%	-100%	-100%
DAUSA	467%	-66%	-79%	-100%	-61%	74%	24%	20%	47%	1019%	-58%	-100%
DHOLPUR	253%	-100%	-100%	-100%	-62%	17%	37%	-20%	70%	499%	-94%	-100%
DUNGARPUR	8%	-100%	-100%	-100%	-100%	-52%	26%	41%	-3%	84%	-100%	-100%
JAIPUR	734%	-48%	-84%	-100%	-5%	11%	49%	4%	20%	457%	254%	-100%
JHALAWAR	363%	-100%	-100%	-100%	17%	-24%	62%	79%	2%	259%	-100%	-100%
JHUNJHUNU	531%	-98%	-94%	-96%	-12%	-32%	56%	-56%	16%	126%	-19%	-100%
KARAULI	194%	-100%	-90%	-100%	-30%	-11%	16%	-30%	35%	1135%	-79%	-100%
KOTA	163%	-100%	12%	-100%	18%	15%	92%	49%	24%	218%	-100%	-100%
PRATAPGARH	-41%	-100%	1664%	-100%	-100%	-59%	17%	76%	-32%	152%	-100%	-100%
RAJSAMAND	245%	-100%	264%	-100%	-99%	-37%	68%	-5%	-19%	37%	-100%	-100%
SAWAI MADHOPUR	366%	-100%	-79%	-100%	-72%	62%	-11%	15%	38%	637%	-93%	-100%
SIKAR	775%	-42%	-67%	-100%	-2%	6%	73%	-30%	-5%	151%	111%	-100%

DISTRICT-WISE RAINFALL STATISTICS

District												
SIROHI	17%	-100%	-100%	-100%	-100%	-63%	17%	87%	-59%	-95%	-100%	-100%
TONK	359%	-100%	-79%	-100%	-66%	11%	54%	53%	0%	376%	-97%	-100%
UDAIPUR	118%	-100%	64%	-99%	-100%	-38%	66%	73%	-6%	137%	-100%	-100%
WEST RAJASTHAN	681%	-79%	-70%	-96%	-73%	18%	105%	70%	-54%	-61%	-83%	-100%
BARMER	508%	-100%	-100%	-98%	-95%	27%	41%	177%	-56%	-100%	-100%	-100%
BIKANER	575%	-52%	-93%	-98%	-85%	99%	151%	37%	-74%	-100%	-74%	-100%
CHURU	479%	-31%	-42%	-96%	-27%	32%	116%	-3%	14%	-24%	-10%	-100%
HANUMANGARH	708%	-95%	-98%	-79%	-6%	-24%	74%	29%	-42%	-100%	-90%	-100%
JAISALMER	1694%	-100%	-100%	-93%	-92%	18%	169%	135%	-85%	-100%	-100%	-100%
JALORE	171%	-100%	-100%	-100%	-100%	-66%	57%	119%	-48%	-97%	-100%	-100%
JODHPUR	477%	-100%	18%	-100%	-97%	-38%	140%	56%	-72%	-70%	-100%	-100%
NAGAUR	990%	-100%	34%	-90%	-66%	51%	95%	-1%	-57%	108%	-28%	-100%
PALI	59%	-100%	-71%	-100%	-98%	-66%	44%	14%	-35%	-26%	-100%	-100%
SRI GANGANAGAR	681%	-91%	-82%	-100%	-17%	19%	235%	43%	-39%	-100%	-17%	-100%
MADHYA PRADESH	181%	-70%	-75%	-97%	5%	-18%	29%	30%	31%	191%	-99%	-72%
EAST MADHYA PRADESH	152%	-56%	-93%	-96%	55%	-13%	3%	21%	20%	138%	-100%	-91%
ANUPPUR	136%	104%	-94%	-95%	45%	-3%	1%	39%	52%	76%	-100%	-100%
BALAGHAT	46%	-25%	-100%	-100%	0%	-40%	20%	23%	80%	75%	-100%	-100%
CHHATARPUR	688%	-99%	-91%	-100%	145%	-10%	-11%	9%	-9%	317%	-100%	-100%
CHHINDWARA	190%	-61%	-63%	-100%	-81%	9%	98%	40%	60%	26%	-100%	-58%
DAMOH	127%	-100%	-98%	-100%	144%	2%	-26%	7%	7%	162%	-100%	-80%
DINDORI	66%	11%	-100%	-100%	-73%	-24%	-26%	4%	35%	130%	-100%	-100%
JABALPUR	28%	-53%	-100%	-100%	9%	36%	-3%	-10%	19%	209%	-100%	-97%
KATNI	101%	-95%	-100%	-100%	5424%	-1%	-37%	22%	3%	147%	-100%	-100%
MANDLA	66%	4%	-100%	-100%	16%	-21%	4%	26%	57%	189%	-100%	-100%
NARSINGHPUR	144%	-75%	-100%	-100%	-55%	-28%	1%	43%	48%	305%	-100%	-100%
NIWARI	723%	-100%	-100%	-100%	179%	-44%	4%	21%	168%	51%	-100%	-100%
PANNA	205%	-99%	-100%	-100%	199%	-4%	-19%	25%	-30%	271%	-100%	-100%
REWA	179%	-99%	-100%	-100%	170%	-33%	-43%	-5%	-21%	109%	-100%	-100%
SAGAR	234%	-99%	-98%	-100%	-20%	18%	13%	45%	-2%	238%	-100%	-66%
SATNA	98%	-94%	-100%	-100%	121%	-36%	-23%	14%	-38%	113%	-100%	-100%
SEONI	175%	-46%	-87%	-59%	20%	-18%	60%	33%	70%	49%	-100%	-97%
SHAHDOL	111%	-40%	-100%	-100%	149%	0%	-13%	20%	-6%	84%	-100%	-100%
SIDHI	46%	-73%	-100%	-100%	71%	-33%	-50%	-2%	-3%	170%	-100%	-100%
SINGRAULI	60%	2%	-100%	-100%	150%	-10%	-54%	25%	9%	101%	-100%	-100%
TIKAMGARH	294%	-100%	-100%	-100%	-9%	-41%	-13%	-12%	51%	82%	-100%	-100%
UMARIA	11%	-48%	-100%	-100%	-20%	-70%	5%	25%	-29%	130%	-100%	-90%
WEST MADHYA PRADESH	226%	-95%	-43%	-99%	-40%	-23%	52%	39%	42%	242%	-99%	-54%
AGAR-MALWA	37%	-100%	-100%	-100%	-100%	-33%	51%	126%	-25%	562%	-100%	-100%
ALIRAJPUR	12%	-100%	-100%	-100%	-100%	-67%	1%	-32%	13%	165%	-100%	-100%
ASHOKNAGAR	689%	-100%	-36%	-100%	327%	20%	8%	65%	83%	145%	-100%	-100%
BARWANI	105%	-100%	96%	-100%	-100%	-37%	53%	-23%	42%	143%	-100%	23%
BETUL	112%	-83%	-75%	-98%	-54%	-15%	116%	27%	41%	119%	-100%	83%
BHIND	229%	-42%	-100%	-100%	-20%	-65%	23%	9%	88%	395%	-100%	-100%
BHOPAL	327%	-100%	-94%	-100%	-83%	-47%	127%	131%	-2%	261%	-100%	18%
BURHANPUR	-85%	-100%	-25%	-100%	-80%	-32%	141%	-26%	136%	224%	-100%	-43%

DISTRICT-WISE RAINFALL STATISTICS

District												
DATIA	329%	-100%	-100%	-100%	-52%	-57%	-18%	-47%	70%	196%	-100%	-100%
DEWAS	119%	-100%	-100%	-100%	-100%	-32%	102%	37%	37%	268%	-100%	-100%
DHAR	773%	-100%	16%	-100%	-100%	-53%	11%	-19%	18%	129%	-100%	-100%
GUNA	516%	-100%	-15%	-100%	61%	12%	61%	97%	93%	141%	-100%	-100%
GWALIOR	268%	-100%	-100%	-100%	-49%	0%	8%	-31%	33%	235%	-100%	-100%
HARDA	200%	-100%	-49%	-100%	-100%	-5%	96%	-3%	-22%	179%	-100%	-81%
INDORE	427%	-100%	77%	-100%	-83%	-41%	28%	13%	67%	220%	-100%	-4%
JHABUA	-100%	-100%	-100%	-100%	-100%	-59%	-20%	-17%	14%	63%	-100%	-100%
KHANDWA	-75%	-100%	-57%	-100%	-100%	2%	69%	-26%	73%	157%	-100%	19%
KHARGONE	51%	-100%	5%	-100%	-100%	-50%	60%	-25%	43%	194%	-100%	204%
MANDSAUR	174%	-100%	550%	-100%	-44%	-67%	17%	81%	-28%	166%	-100%	-100%
MORENA	276%	-100%	-100%	-100%	34%	22%	10%	-19%	32%	567%	-100%	-100%
NARMADAPURAM	19%	-89%	-95%	-97%	-69%	-38%	84%	36%	33%	181%	-100%	-100%
NEEMUCH	381%	-100%	530%	-100%	9%	-63%	48%	90%	-8%	406%	-100%	-100%
RAISEN	229%	-100%	-100%	-100%	-35%	-21%	30%	93%	38%	281%	-100%	-47%
RAJGARH	321%	-100%	-49%	-100%	-63%	-23%	67%	159%	84%	397%	-100%	-100%
RATLAM	-7%	-100%	217%	-100%	-43%	-59%	20%	65%	9%	138%	-100%	-100%
SEHORE	65%	-100%	-32%	-100%	-100%	-34%	92%	41%	18%	246%	-100%	-58%
SHAJAPUR	264%	-100%	-100%	-100%	-100%	-39%	77%	54%	6%	470%	-100%	-22%
SHEOPUR	233%	-100%	-100%	-100%	-27%	65%	49%	31%	123%	504%	-91%	-100%
SHIVPURI	462%	-100%	-56%	-100%	117%	19%	0%	18%	110%	380%	-100%	-100%
UJJAIN	88%	-100%	150%	-100%	-99%	-2%	9%	49%	9%	257%	-100%	-73%
VIDISHA	282%	-100%	-100%	-100%	21%	26%	61%	61%	22%	281%	-100%	-64%
GUJARAT	197%	-100%	-97%	-96%	-99%	-54%	86%	5%	16%	1%	-99%	-89%
GUJARAT REGION	-2%	-100%	-95%	-97%	-99%	-54%	74%	-2%	2%	68%	-100%	-85%
AHMEDABAD	251%	-100%	-100%	-96%	-100%	-54%	25%	-43%	-21%	-32%	-100%	-100%
ANAND	-100%	-100%	-100%	-100%	-100%	-59%	76%	-62%	-42%	197%	-100%	-59%
ARAVALLI	178%	-100%	-100%	-100%	-100%	-27%	31%	7%	-43%	55%	-100%	-100%
BANASKANTHA	58%	-100%	-100%	-100%	-100%	-67%	63%	113%	-15%	-97%	-100%	-100%
BHARUCH	8789%	-100%	-100%	50%	-100%	-59%	109%	-13%	8%	144%	-100%	-33%
CHHOTA UDEPUR	136%	-100%	-100%	-100%	-100%	-65%	136%	-45%	-39%	70%	-100%	-17%
DADARA & NAGAR HAVELI	-100%	-100%	-100%	-100%	-100%	-65%	107%	-13%	85%	177%		
DAHOD	-100%	-100%	-100%	-100%	-100%	-63%	-20%	-40%	-47%	138%	-100%	-100%
DAMAN	6400%	-100%	-100%	-100%	-94%	-33%	75%	13%	135%	14%	-100%	-100%
DANGS	-100%	-100%	-100%	-100%	-100%	-52%	90%	-49%	15%	52%	-100%	-100%
GANDHINAGAR	358%	-100%	-100%	-100%	-100%	-72%	5%	-6%	-43%	67%	-100%	-100%
KHEDA	-100%	-100%	-100%	-100%	-100%	-36%	50%	-34%	-34%	210%	-100%	-100%
MAHISAGAR	-70%	-100%	-100%	-100%	-100%	-39%	33%	-12%	-34%	223%	-100%	-100%
MEHSANA	-67%	-100%	-100%	-100%	-100%	-79%	28%	71%	-46%	-62%	-100%	-100%
NARMADA	-58%	-100%	-100%	-100%	-100%	-51%	196%	-25%	2%	83%	-100%	-17%
NAVSARI	-100%	-100%	-100%	-29%	-100%	-56%	92%	-9%	92%	26%	-100%	-100%
PANCHMAHAL	-100%	-100%	-100%	-100%	-100%	-60%	79%	-53%	-26%	413%	-100%	-100%
PATAN	-100%	-100%	-100%	-100%	-100%	-55%	62%	46%	-9%	-100%	-100%	-100%
SABARKANTHA	79%	-100%	-100%	-100%	-100%	-50%	47%	55%	-22%	-1%	-100%	-100%
SURAT	-100%	-100%	-49%	-100%	-100%	-46%	79%	28%	37%	144%	-100%	-100%
TAPI	11329%	-100%	-100%	-100%	-100%	-75%	70%	-4%	21%	78%	-100%	-63%

DISTRICT-WISE RAINFALL STATISTICS

VADODARA	-50%	-100%	-100%	-100%	-100%	-66%	80%	-48%	-26%	165%	-100%	-100%
VALSAD	-100%	-100%	-6%	-100%	-98%	-28%	122%	-16%	96%	71%	-100%	-85%
SAURASHTRA & KUTCH	512%	-100%	-100%	-95%	-97%	-53%	105%	15%	36%	-64%	-98%	-99%
AMRELI	29%	-100%	-100%	-100%	-57%	-38%	42%	14%	24%	-29%	-100%	-100%
BHAVNAGAR	-67%	-100%	-100%	-100%	-100%	-56%	16%	-1%	9%	14%	-100%	-100%
BOTAD	12400%	-100%	-100%	-100%	-100%	-45%	13%	10%	5%	-69%	-100%	-100%
DEVBHOOMI DWARKA	3652%	-100%	-100%	-100%	-100%	-66%	172%	5%	94%	-74%	-100%	-100%
DIU	173%	-100%	-100%	733%	-100%	-72%	119%	21%	85%	-34%	-100%	-100%
GIR SOMNATH	758%	-100%	-100%	333%	-100%	-54%	104%	50%	56%	-3%	-100%	-44%
JAMNAGAR	2900%	-100%	-100%	-100%	-100%	-53%	53%	-13%	17%	-80%	-100%	-100%
JUNAGADH	-33%	-100%	-100%	-100%	-100%	-42%	76%	46%	2%	-72%	-100%	-100%
KUTCH	194%	-100%	-100%	-90%	-100%	-70%	204%	23%	59%	-87%	-94%	-100%
MORBI	-100%	-100%	-100%	-100%	-100%	-62%	44%	10%	74%	-100%	-100%	-100%
PORBANDAR	8550%	-100%	-100%	-100%	-100%	-47%	135%	91%	25%	-67%	-100%	-100%
RAJKOT	44%	-100%	-100%	-100%	-100%	-55%	56%	-4%	12%	-71%	-100%	-100%
SURENDRANAGAR	492%	-100%	-100%	-100%	-100%	-29%	7%	-21%	24%	-98%	-100%	-100%
DADARA & NAGAR HAVELI AND DAMAN & DIU (UT)	177%	-100%	-100%	1558%	-99%	-61%	103%	-9%	91%	151%	-100%	-100%
DADARA & NAGAR HAVELI	-100%	-100%	-100%	-100%	-100%	-65%	107%	-13%	85%	177%		
DAMAN	6400%	-100%	-100%	-100%	-94%	-33%	75%	13%	135%	14%	-100%	-100%
DIU	173%	-100%	-100%	733%	-100%	-72%	119%	21%	85%	-34%	-100%	-100%
KONKAN & GOA	532%	-100%	-43%	333%	-32%	-24%	26%	1%	41%	45%	-89%	-73%
GOA	-35%	-100%	-10%	737%	69%	-6%	13%	-50%	12%	-37%	-68%	31%
NORTH GOA	177%	-100%	-3%	1140%	96%	-9%	17%	-43%	28%	-24%	-89%	65%
SOUTH GOA	-100%	-100%	-15%	415%	46%	-3%	9%	-56%	-4%	-48%	-45%	7%
MAHARASHTRA	100%	-92%	-78%	-47%	-63%	-30%	63%	0%	47%	79%	-99%	-75%
MUMBAI CITY	-33%	-100%	-100%	-100%	-77%	-40%	15%	-31%	24%	27%	-100%	-100%
MUMBAI SUBURBAN	650%	-100%	-100%	-100%	-97%	-46%	45%	-3%	59%	179%	-100%	-100%
PALGHAR	-75%	-100%	-100%	-100%	-91%	-31%	83%	-5%	66%	60%	-100%	-100%
RAIGAD	1578%	-100%	-69%	-100%	-99%	-46%	25%	-4%	29%	77%	-100%	-100%
RATNAGIRI	793%	-100%	-46%	351%	-72%	-23%	5%	29%	11%	27%	-100%	-100%
SINDHUDURG	308%	-100%	-45%	329%	-42%	-5%	7%	8%	47%	39%	-72%	-65%
THANE	-100%	-100%	-100%	-100%	-91%	-51%	51%	-9%	125%	153%	-100%	-100%
MADHYA MAHARASHTRA	-52%	-100%	-15%	6%	-54%	-41%	68%	15%	47%	104%	-98%	-64%
AHMEDNAGAR	-100%	-100%	-64%	-97%	-87%	-2%	18%	1%	83%	158%	-100%	-100%
DHULE	347%	-100%	154%	-100%	-100%	-6%	50%	35%	62%	112%	-100%	-100%
JALGAON	-100%	-100%	47%	-100%	-100%	-29%	51%	-37%	62%	110%	-100%	-89%
KOLHAPUR	-100%	-100%	-21%	155%	37%	-62%	28%	41%	50%	127%	-82%	-69%
NANDURBAR	150%	-100%	-100%	-100%	-100%	-50%	62%	0%	6%	102%	-100%	178%
NASHIK	-89%	-100%	18%	-95%	-100%	-16%	131%	9%	91%	86%	-100%	-46%
PUNE	30%	-100%	8%	-18%	-99%	-61%	95%	20%	45%	98%	-100%	-98%
SANGLI	-100%	-100%	64%	-23%	-31%	-67%	14%	-1%	-16%	63%	-99%	-20%
SATARA	-74%	-100%	-93%	-39%	-77%	-72%	70%	53%	31%	121%	-98%	-93%
SHOLAPUR	-100%	-100%	-88%	6%	-31%	-19%	47%	1%	1%	72%	-100%	-36%
MARATHWADA	-92%	-100%	-86%	-91%	-80%	4%	105%	-51%	35%	79%	-100%	-59%
AURANGABAD	-82%	-100%	3%	-100%	-100%	27%	66%	-40%	77%	128%	-100%	68%
BEED	-100%	-100%	-100%	-100%	-100%	29%	58%	-50%	42%	119%	-100%	-71%

DISTRICT-WISE RAINFALL STATISTICS

HINGOLI	-100%	-100%	-100%	-100%	-100%	-49%	69%	-62%	-14%	42%	-100%	-91%
JALNA	-100%	-100%	-100%	-100%	-100%	-24%	67%	-62%	72%	35%	-100%	-100%
LATUR	-100%	-100%	-100%	-100%	-85%	29%	112%	-62%	30%	70%	-100%	-100%
NANDED	-84%	-100%	-100%	-99%	-68%	-14%	194%	-49%	31%	22%	-100%	-94%
OSMANABAD	-100%	-100%	-100%	-56%	-30%	-1%	119%	-17%	13%	125%	-100%	-100%
PARBHANI	-81%	-100%	-100%	-97%	-88%	26%	78%	-69%	-1%	64%	-100%	-86%
VIDARBHA	**173%**	**-88%**	**-99%**	**-91%**	**-64%**	**-39%**	**83%**	**3%**	**60%**	**51%**	**-100%**	**-94%**
AKOLA	-98%	-100%	-99%	-100%	-100%	-27%	18%	-37%	39%	76%	-100%	-100%
AMRAOTI	80%	-98%	-100%	-100%	-88%	-39%	50%	-16%	67%	75%	-100%	-100%
BHANDARA	-100%	-100%	-100%	-100%	-100%	-41%	60%	39%	70%	103%	-100%	-100%
BULDHANA	-69%	-100%	-100%	-100%	-100%	-24%	39%	-44%	45%	82%	-100%	-91%
CHANDRAPUR	353%	-99%	-100%	-100%	-83%	-36%	90%	-2%	36%	-34%	-100%	-76%
GADCHIROLI	625%	-100%	-98%	-77%	-10%	-47%	107%	6%	60%	-5%	-100%	-100%
GONDIA	3%	-32%	-100%	-99%	-99%	-30%	38%	50%	66%	83%	-100%	-100%
NAGPUR	139%	-84%	-99%	-100%	-53%	-31%	99%	36%	87%	96%	-100%	-86%
WARDHA	123%	-99%	-100%	-100%	-70%	-47%	149%	14%	70%	38%	-100%	-100%
WASHIM	-100%	-100%	-100%	-100%	-100%	-39%	45%	-8%	8%	113%	-100%	-100%
YEOTMAL	82%	-74%	-100%	-82%	-58%	-51%	110%	-9%	78%	75%	-100%	-100%
CHHATTISGARH	**257%**	**10%**	**-91%**	**-19%**	**43%**	**-27%**	**20%**	**25%**	**15%**	**20%**	**-100%**	**-65%**
BALOD	234%	-80%	-100%	84%	184%	9%	58%	26%	-8%	23%	-100%	-55%
BALODA BAZAR	67%	-68%	-100%	7%	-85%	7%	26%	57%	-9%	53%	-100%	-100%
BALRAMPUR	352%	362%	-100%	-100%	105%	-52%	-56%	45%	38%	168%	-100%	-100%
BASTAR	337%	-100%	-100%	10%	33%	-37%	52%	93%	76%	-12%	-100%	10%
BEMETARA	155%	-42%	-100%	-21%	-52%	-27%	-25%	-32%	-48%	-9%	-100%	-100%
BIJAPUR	530%	-100%	49%	-32%	-48%	-23%	215%	11%	93%	-6%	-100%	81%
BILASPUR	22%	20%	-63%	-90%	-1%	13%	19%	44%	7%	37%	-100%	-100%
DANTEWADA	36%	-100%	-100%	195%	1658%	-33%	27%	34%	61%	-38%	-100%	2006%
DHAMTARI	788%	-99%	-100%	-49%	51%	-16%	50%	34%	-6%	7%	-100%	-91%
DURG	172%	0%	-100%	150%	-37%	-42%	37%	4%	-36%	79%	-100%	-100%
GARIABAND	1256%	-100%	-100%	222%	266%	-8%	43%	22%	-3%	6%	-100%	-100%
JANJGIR	85%	-58%	-98%	-48%	-3%	17%	34%	37%	-15%	5%	-100%	-100%
JASHPUR	6%	125%	-99%	-58%	89%	-73%	-55%	19%	1%	84%	-100%	-88%
KABIRDHAM	161%	-49%	-100%	-100%	-100%	30%	47%	27%	-7%	37%	-100%	-100%
KANKER	1507%	-100%	-100%	109%	28%	-44%	52%	16%	-1%	27%	-100%	79%
KONDAGAON	1363%	-93%	-68%	-12%	-32%	-32%	34%	23%	-30%	-21%	-100%	-79%
KORBA	80%	90%	-100%	7%	339%	-2%	-30%	4%	23%	6%	-100%	-100%
KORIYA	39%	50%	-79%	-98%	-51%	-36%	-49%	1%	-15%	46%	-100%	-66%
MAHASAMUND	598%	-84%	-100%	200%	-4%	-46%	37%	32%	-42%	-13%	-100%	-100%
MUNGELI	32%	-30%	-86%	-81%	-32%	33%	36%	58%	-3%	103%	-100%	-100%
NARAYANPUR	1348%	-93%	-100%	-7%	26%	-22%	21%	25%	32%	-4%	-100%	-6%
RAIGARH	191%	29%	-97%	-85%	-62%	-26%	13%	21%	-9%	58%	-100%	-100%
RAIPUR	121%	-64%	-100%	-41%	13%	-56%	-16%	28%	-39%	15%	-100%	-100%
RAJNANDGAON	230%	-78%	-100%	58%	51%	-20%	53%	36%	44%	3%	-100%	-99%
SUKMA	708%	-100%	-100%	-100%	21%	-48%	26%	22%	118%	-53%	-100%	175%
SURAJPUR	182%	35%	-88%	-100%	216%	-27%	-54%	16%	10%	78%	-100%	-100%
SURGUJA	25%	143%	-96%	-98%	35%	-63%	-61%	-23%	-30%	8%	-100%	-100%

DISTRICT-WISE RAINFALL STATISTICS

ANDHRA PRADESH	197%	-91%	-72%	-70%	98%	12%	20%	11%	1%	9%	-38%	205%
COASTAL A. P. & YANAM	209%	-88%	-75%	-77%	81%	-4%	33%	-16%	11%	10%	-44%	183%
EAST GODAVARI	113%	-99%	-26%	-85%	23%	44%	60%	-37%	45%	11%	-83%	115%
GUNTUR	313%	-100%	-100%	-100%	35%	-33%	61%	-18%	-35%	75%	-65%	240%
KRISHNA	265%	-99%	-82%	-100%	-36%	-38%	45%	-27%	-9%	37%	-73%	121%
PRAKASAM	94%	-100%	-83%	-99%	151%	-28%	18%	-4%	-27%	20%	-53%	354%
SPSR NELLORE	178%	-100%	-82%	-100%	162%	30%	23%	5%	-27%	-63%	2%	143%
SRIKAKULAM	166%	-45%	-88%	-97%	64%	-25%	12%	-3%	45%	4%	-99%	-45%
VISHAKHAPATNAM	205%	-57%	-65%	-20%	97%	-13%	-21%	-8%	27%	9%	-77%	243%
VIZIANAGARAM	611%	-100%	-96%	-93%	91%	6%	27%	-14%	45%	57%	-93%	-31%
WEST GODAVARI	128%	-88%	-48%	-77%	49%	28%	60%	-12%	59%	31%	-79%	98%
YANAM	12%	1%	-100%	-76%	77%	36%	62%	-39%	59%	27%	-61%	156%
RAYALASEEMA	158%	-100%	-65%	-57%	127%	47%	-10%	70%	-16%	7%	-24%	238%
ANANTAPURAMU	3%	-100%	-48%	-62%	145%	75%	8%	224%	-22%	56%	-38%	544%
CHITTOOR	181%	-100%	-55%	-54%	111%	59%	-32%	76%	-29%	-25%	-9%	190%
KURNOOL	299%	-100%	-85%	-43%	63%	-10%	19%	8%	-6%	22%	-81%	545%
YSR DISTRICT	124%	-100%	-82%	-71%	207%	90%	-42%	12%	-8%	-15%	-22%	182%
TELANGANA	286%	-99%	-89%	-68%	20%	9%	145%	-20%	35%	17%	-96%	21%
ADILABAD	135%	-93%	-100%	-16%	24%	-2%	205%	-42%	28%	17%	-100%	1%
B. KOTHAGUDEM	181%	-100%	-54%	-58%	-9%	27%	86%	-14%	57%	28%	-99%	-92%
HANUMAKONDA	263%	-100%	-100%	-100%	-42%	67%	138%	22%	66%	85%	-100%	-93%
HYDERABAD	-70%	-100%	-99%	-71%	40%	-24%	125%	-54%	29%	34%	-99%	243%
J. BHUPALPALLY	470%	-100%	-100%	-100%	-32%	5%	166%	-36%	48%	11%	-100%	-97%
JAGTIAL	83%	-100%	-90%	-86%	158%	24%	259%	-23%	68%	-32%	-100%	-97%
JANGAON	637%	-100%	-100%	-99%	9%	68%	133%	7%	34%	43%	-91%	-95%
JOGULAMBA GADWAL	176%	-100%	-98%	-49%	80%	-50%	62%	46%	41%	-2%	-99%	1557%
KAMAREDDY	32%	-100%	-96%	-92%	205%	31%	158%	-37%	55%	25%	-99%	-100%
KARIMNAGAR	369%	-100%	-100%	-93%	-3%	50%	220%	-22%	37%	31%	-99%	-93%
KHAMMAM	179%	-100%	-97%	-99%	-43%	-21%	72%	-12%	-15%	-7%	-87%	-38%
KUMARAM BHEEM	660%	-99%	-98%	-71%	51%	22%	187%	3%	102%	-9%	-99%	302%
M. MALKAJGIRI	-17%	-100%	-87%	-22%	179%	55%	209%	-44%	28%	33%	-100%	85%
MAHABUBABAD	710%	-100%	-98%	-100%	-72%	39%	121%	-32%	13%	24%	-84%	-86%
MAHABUBNAGAR	280%	-100%	-83%	47%	42%	32%	111%	82%	18%	85%	-96%	118%
MANCHERIAL	171%	-80%	-94%	-100%	110%	-17%	184%	-20%	108%	-38%	-99%	-22%
MEDAK	-1%	-100%	-84%	-89%	82%	-3%	119%	-53%	53%	4%	-100%	-96%
MULUGU	720%	-100%	-100%	-65%	-68%	45%	166%	0%	97%	22%	-100%	-69%
NAGARKURNOOL	1400%	-100%	-42%	-54%	-33%	16%	74%	13%	-3%	29%	-96%	249%
NALGONDA	458%	-100%	-100%	-99%	-29%	-26%	50%	-28%	-16%	6%	-92%	266%
NARAYANPET	-91%	-100%	-93%	42%	168%	-28%	167%	62%	15%	66%	-100%	-27%
NIRMAL	88%	-99%	-95%	-88%	-3%	-2%	256%	-38%	72%	-21%	-100%	-99%
NIZAMABAD	0%	-99%	-100%	-100%	48%	-3%	300%	-57%	97%	-10%	-100%	-100%
PEDDAPALLE	226%	-100%	-100%	-98%	10%	1%	185%	-30%	34%	-4%	-100%	-58%
RAJANNA SIRCILLA	209%	-100%	-100%	-87%	78%	33%	205%	-38%	94%	41%	-100%	-93%
RANGAREDDY	31%	-100%	-89%	-35%	-3%	-14%	116%	-20%	-13%	25%	-95%	206%
SANGAREDDY	-82%	-100%	-96%	-57%	80%	16%	104%	-61%	22%	36%	-100%	-81%
SIDDIPET	159%	-100%	-97%	-61%	15%	-10%	139%	-32%	22%	40%	-99%	-88%

DISTRICT-WISE RAINFALL STATISTICS

SURYAPET	753%	-100%	-100%	-100%	-41%	-14%	60%	-7%	-23%	14%	-79%	98%
VIKARABAD	-70%	-100%	-61%	-19%	136%	-33%	87%	-8%	17%	57%	-98%	-20%
WANAPARTHY	317%	-100%	-73%	-91%	-22%	-3%	50%	22%	-15%	75%	-89%	548%
WARANGAL	1070%	-100%	-100%	-100%	-66%	3%	82%	-60%	-9%	28%	-100%	-65%
Y. BHUVANAGIRI	568%	-100%	-100%	-100%	120%	32%	53%	12%	15%	-48%	-96%	321%
TAMIL. PUDU.& KARAIKAL	183%	-38%	-39%	68%	35%	56%	100%	93%	-28%	-4%	-2%	13%
TAMILNADU	184%	-38%	-39%	68%	34%	56%	100%	93%	-28%	-3%	-2%	14%
ARIYALUR	377%	70%	-37%	189%	65%	121%	96%	44%	-31%	-16%	-52%	26%
CHENGALPATTU	166%	-100%	-47%	-91%	-6%	-7%	11%	-25%	-52%	-39%	23%	31%
CHENNAI	144%	-100%	-99%	-99%	-14%	165%	-22%	-24%	-43%	-48%	40%	60%
COIMBATORE	24%	-98%	-7%	57%	136%	-8%	145%	177%	61%	15%	35%	129%
CUDDALORE	131%	123%	12%	202%	74%	-9%	138%	48%	-19%	-28%	12%	-37%
DHARMAPURI	140%	-100%	-9%	3%	56%	64%	84%	156%	-41%	17%	-3%	66%
DINDIGUL	434%	-80%	-44%	62%	18%	114%	134%	142%	-28%	17%	9%	42%
ERODE	198%	-100%	-74%	56%	100%	66%	85%	213%	-27%	99%	21%	9%
KALLAKURICHI	177%	-100%	-18%	93%	-1%	4%	39%	-32%	-53%	-29%	-12%	-13%
KANCHEEPURAM	352%	-100%	-97%	-66%	178%	45%	-3%	3%	-55%	-19%	44%	93%
KANYAKUMARI	-86%	76%	-55%	87%	25%	-72%	-35%	30%	-45%	-12%	12%	16%
KARUR	205%	-100%	101%	60%	-29%	307%	6%	108%	-56%	9%	-9%	21%
KRISHNAGIRI	58%	-100%	-57%	-33%	82%	140%	92%	198%	-39%	18%	25%	166%
MADURAI	117%	-99%	-88%	82%	22%	61%	231%	131%	-55%	42%	-9%	15%
MAYILADUTHURAI	189%	156%	20%	185%	-8%	-32%	128%	6%	-12%	-57%	56%	-19%
NAGAPATTINAM	276%	477%	-14%	116%	-75%	-89%	23%	94%	32%	-40%	-25%	-35%
NAMAKKAL	182%	-100%	33%	97%	-23%	121%	117%	88%	-31%	71%	11%	7%
NILGIRIS	131%	-99%	-15%	50%	118%	-7%	218%	232%	13%	-25%	-29%	59%
PERAMBALUR	570%	-82%	46%	-57%	83%	254%	166%	74%	-1%	-4%	-29%	-11%
PUDUKKOTTAI	633%	-29%	-31%	72%	-10%	126%	26%	24%	-21%	-15%	-30%	-7%
RAMANATHAPURAM	-4%	-3%	-99%	94%	-92%	59%	209%	92%	-72%	-5%	-31%	-54%
RANIPET	236%	-100%	-100%	-90%	128%	153%	66%	74%	-36%	-20%	-1%	75%
SALEM	183%	-100%	9%	47%	55%	83%	79%	27%	-36%	9%	-7%	50%
SIVAGANGA	51%	-88%	-74%	120%	-30%	146%	167%	110%	-17%	14%	-28%	-23%
TENKASI	118%	-82%	-71%	146%	-50%	-86%	45%	109%	-46%	-47%	16%	3%
THANJAVUR	342%	39%	2%	114%	-5%	112%	131%	9%	29%	-16%	-38%	7%
THENI	35%	-93%	-62%	127%	2%	76%	408%	289%	-29%	11%	18%	18%
TIRUNELVELI	63%	-21%	-82%	152%	-24%	-68%	87%	333%	-26%	-44%	-16%	7%
TIRUPATTUR	165%	-100%	-44%	8%	113%	117%	60%	82%	-36%	23%	47%	171%
TIRUPPUR	305%	-94%	-38%	100%	-11%	150%	181%	201%	-36%	17%	36%	40%
TIRUVALLUR	300%	-100%	-90%	-99%	87%	99%	40%	-4%	-53%	-38%	28%	74%
TIRUVANNAMALAI	154%	-96%	-40%	-55%	73%	58%	44%	71%	-60%	-16%	13%	55%
TIRUVARUR	286%	240%	20%	207%	-46%	-49%	158%	135%	26%	-46%	-37%	-12%
TOOTHUKUDI	-30%	-38%	-43%	119%	-59%	72%	153%	213%	-2%	-40%	-19%	-37%
TRICHY	342%	-60%	92%	-28%	25%	250%	50%	48%	-3%	-9%	-44%	-9%
VELLORE	599%	-100%	-43%	-56%	90%	83%	-35%	58%	-43%	-21%	-36%	59%
VILLUPURAM	331%	-98%	-42%	-11%	83%	27%	2%	8%	-25%	-10%	-6%	-12%
VIRUDHUNAGAR	42%	-100%	-53%	105%	-63%	142%	80%	114%	-40%	-4%	23%	-20%
PUDUCHERRY (UT)	114%	18%	-11%	95%	129%	-11%	33%	-21%	-35%	-21%	-14%	-40%

KARAIKAL	143%	159%	74%	254%	-45%	-82%	-34%	3%	-15%	-45%	-14%	-42%
MAHE	-100%	-100%	-86%	173%	128%	-37%	-1%	9%	-44%	-78%	42%	134%
PUDUCHERRY	81%	-99%	-57%	-37%	219%	30%	61%	-30%	-59%	-12%	-13%	-42%
YANAM	12%	1%	-100%	-76%	77%	36%	62%	-39%	59%	27%	-61%	156%
KARNATAKA	**-80%**	**-98%**	**34%**	**74%**	**148%**	**-19%**	**60%**	**50%**	**14%**	**48%**	**-52%**	**215%**
COASTAL KARNATAKA	**-83%**	**-77%**	**111%**	**100%**	**117%**	**-29%**	**37%**	**-9%**	**21%**	**-25%**	**-43%**	**78%**
DAKSHINA KANNADA	-94%	-55%	151%	48%	94%	-36%	47%	-5%	-8%	-31%	-17%	13%
UDUPI	-69%	-100%	149%	228%	130%	-32%	37%	-17%	15%	-47%	-23%	214%
UTTARA KANNADA	-72%	-100%	29%	112%	131%	-25%	32%	-8%	41%	-10%	-87%	53%
N. I. KARNATAKA	**-84%**	**-100%**	**-11%**	**80%**	**137%**	**-14%**	**81%**	**43%**	**25%**	**54%**	**-89%**	**46%**
BAGALKOTE	-100%	-100%	-51%	60%	153%	-3%	127%	45%	50%	72%	-99%	-39%
BELAGAVI	-100%	-100%	104%	162%	100%	-20%	59%	26%	63%	82%	-89%	33%
BIDAR	-40%	-100%	-89%	-49%	121%	30%	125%	-40%	20%	54%	-99%	-91%
DHARWAD	-100%	-100%	95%	169%	121%	-26%	25%	22%	83%	78%	-72%	18%
GADAG	-100%	-100%	21%	208%	176%	-5%	88%	122%	96%	55%	-99%	127%
HAVERI	-97%	-100%	39%	138%	299%	-48%	52%	116%	39%	76%	-92%	-9%
KALABURGI	-81%	-100%	-60%	-10%	72%	-34%	125%	14%	-20%	32%	-94%	-46%
KOPPAL	-100%	-100%	-13%	-20%	139%	-14%	63%	46%	20%	44%	-88%	300%
RAICHUR	-78%	-100%	-48%	-63%	108%	-17%	71%	78%	2%	56%	-92%	305%
VIJAYAPURA	-95%	-100%	-49%	80%	88%	-6%	100%	104%	1%	31%	-99%	-88%
YADGIR	-100%	-100%	-86%	17%	220%	22%	55%	82%	18%	21%	-36%	-19%
S. I. KARNATAKA	**-76%**	**-99%**	**48%**	**68%**	**162%**	**-10%**	**73%**	**109%**	**3%**	**65%**	**-40%**	**306%**
BALLARI	-100%	-100%	-20%	32%	118%	-1%	118%	69%	27%	106%	-65%	326%
BENGALURU RURAL	8%	-100%	-68%	3%	116%	198%	27%	162%	20%	48%	-25%	650%
BENGALURU URBAN	7%	-100%	5%	168%	150%	163%	56%	192%	13%	89%	-19%	516%
CHAMARAJANAGAR	-91%	-100%	-22%	23%	136%	1%	175%	310%	1%	65%	-30%	73%
CHIKABALLAPURA	-32%	-100%	-32%	26%	181%	144%	64%	137%	-19%	37%	-42%	780%
CHIKKAMAGALURU	9%	-100%	175%	54%	103%	-45%	88%	40%	29%	-18%	-43%	332%
CHITRADURGA	-97%	-100%	-38%	55%	148%	52%	173%	192%	35%	81%	-55%	418%
DAVANGERE	-100%	-100%	-60%	214%	219%	20%	124%	123%	10%	121%	-74%	299%
HASSAN	-100%	-100%	200%	117%	184%	-6%	83%	143%	-22%	98%	-34%	219%
KODAGU	-100%	-88%	41%	51%	88%	-64%	42%	68%	15%	-1%	-50%	88%
KOLAR	53%	-97%	-48%	-6%	86%	180%	71%	232%	-31%	38%	3%	565%
MANDYA	-68%	-100%	-23%	62%	212%	152%	163%	505%	-19%	112%	-20%	148%
MYSURU	-100%	-98%	58%	6%	183%	7%	109%	245%	-19%	149%	-27%	153%
RAMANAGARA	-88%	-100%	52%	77%	116%	88%	47%	238%	-36%	114%	65%	242%
SHIVAMOGGA	-98%	-100%	127%	187%	343%	-62%	43%	16%	18%	-14%	-58%	275%
TUMAKURU	-95%	-100%	39%	45%	161%	133%	109%	258%	-18%	72%	-71%	634%
KERALA & MAHE	**-60%**	**-13%**	**38%**	**85%**	**95%**	**-52%**	**0%**	**24%**	**-18%**	**-30%**	**13%**	**177%**
KERALA	**-60%**	**-13%**	**38%**	**85%**	**95%**	**-52%**	**0%**	**24%**	**-18%**	**-30%**	**13%**	**177%**
ALAPUZHA	-74%	-8%	45%	75%	57%	-39%	-40%	19%	-53%	-36%	34%	138%
CANNUR	-100%	-90%	-22%	100%	107%	-53%	14%	17%	-17%	-65%	-22%	146%
ERNAKULAM	-59%	-8%	112%	152%	138%	-46%	-21%	47%	-36%	-41%	44%	308%
IDUKKI	-16%	7%	14%	69%	105%	-68%	-5%	30%	-15%	9%	25%	156%
KASARGOD	-100%	-60%	222%	203%	43%	-51%	27%	32%	-6%	-41%	19%	50%
KOLLAM	-13%	-54%	-11%	88%	63%	-57%	-14%	57%	-53%	-35%	9%	35%

KOTTAYAM	-84%	-22%	21%	145%	121%	-34%	-19%	33%	-35%	-29%	56%	175%
KOZHIKODE	3%	-56%	82%	76%	106%	-50%	1%	8%	27%	-29%	-11%	422%
MALAPPURAM	-100%	-100%	31%	34%	76%	-50%	2%	-7%	-1%	-49%	-7%	280%
PALAKKAD	-87%	-100%	44%	22%	89%	-66%	19%	19%	22%	-33%	-34%	200%
PATHANAMTHITTA	-54%	18%	77%	127%	50%	-47%	-19%	52%	-38%	-14%	97%	157%
THIRUVANANTHAPURAM	-96%	197%	-40%	36%	72%	-47%	-18%	23%	-59%	2%	-25%	76%
THRISSUR	-96%	-100%	-75%	55%	151%	-40%	-16%	23%	-32%	-65%	-25%	489%
WYNAD	-98%	-99%	192%	98%	85%	-60%	22%	9%	-11%	-8%	-51%	10%
MAHE	-100%	-100%	-86%	173%	128%	-37%	-1%	9%	-44%	-78%	42%	134%
LAKSHADWEEP	-96%	72%	-37%	242%	81%	9%	2%	57%	115%	-21%	-43%	84%

The statistics and chart for category-wise distribution of districts for different months have been given at Table 29 and Figure 85 respectively.

Table 29: Category-wise Number of Districts - Monthly - Year 2022

CATEGORY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
L. EXCESS	431	140	37	96	198	86	177	73	110	299	18	81
EXCESS	70	50	21	31	132	77	133	127	151	138	26	22
NORMAL	55	92	36	43	138	152	137	186	217	134	38	46
DEFICIENT	37	95	78	69	101	273	173	228	195	89	51	57
L. DEFICIENT	64	93	202	182	67	115	83	89	29	26	119	165
NO RAIN	42	230	326	279	64	0	0	0	1	15	448	329
NO DATA	4	3	3	3	3	0	0	0	0	2	3	3
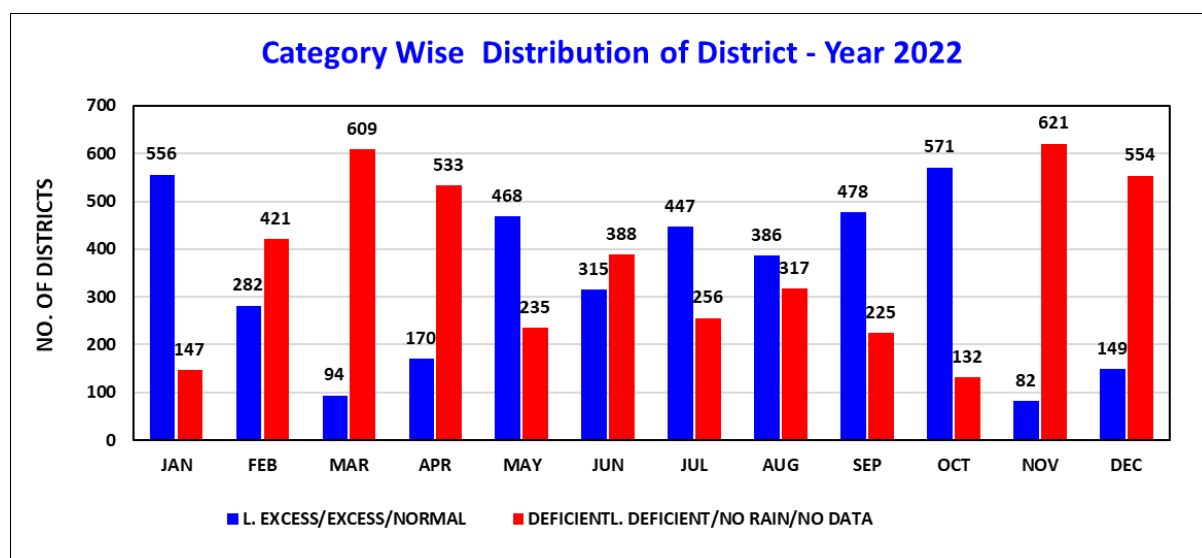
**Figure 85: Monthly Distribution of no. of Districts in different categories – 2022**

7. ANNUAL AND MONSOON RAINFALL FROM 2000 TO 2022

The annual and monsoon rainfall and their departures from normal rainfall from the years 2000 to 2022 are shown in Table 30 and Figure 86 through Figure 89. During last 23 years, the

country received annual rainfall of 10% or less of its normal rainfall. It was with positive departures including zero departure only during 8 years and in rest of the years, it was with negative departures. During the years 2000, 2002, 2009, 2012, 2014 and 2018 the rainfall departures were more than 10% towards negative side. The maximum negative departure was 21% in the year 2002. Year 2019 witnessed highest area weighted rainfall of 1288.8 mm (+10% of LPA) mm since 2000.

Table 30: SW Monsoon and Annual Rainfall (2000-2022)

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%
2016	864.4	-3%	1083.2	-9%
2017	845.9	-5%	1127.1	-5%
2018	804.1	-9%	1020.8	-14%
2019	971.0	10%	1288.8	10%
2020	961.4	9%	1289.6	10%
2021	874.5	-1%	1236.4	5%
2022	924.8	6%	1257.0	8%
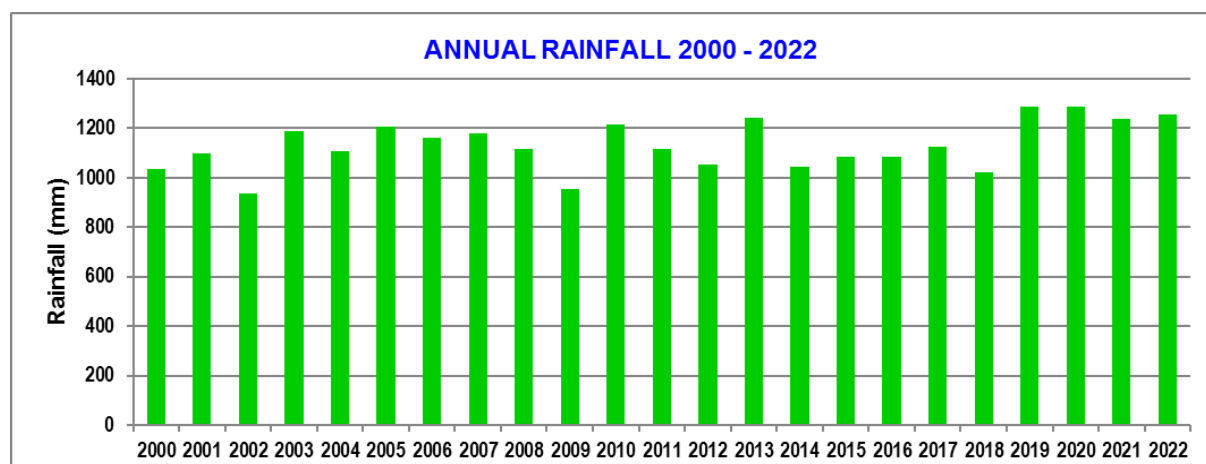
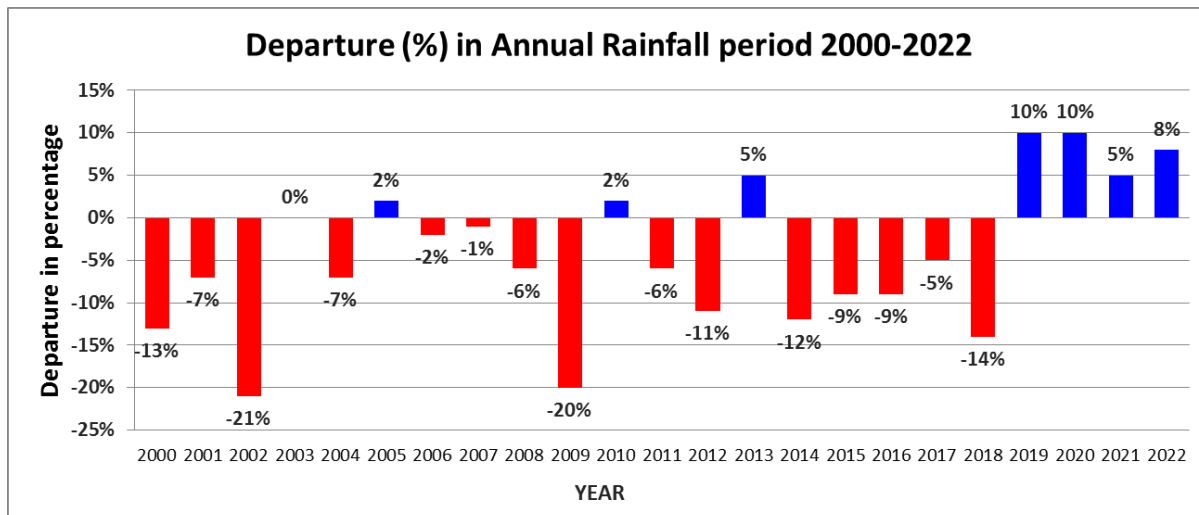**Figure 86: Annual Rainfall 2000-2022**

Figure 87: % Departures of Annual Rainfall 2000 – 2022

During last 23 years, the country received Monsoon rainfall of 21% less from its normal rainfall in the year 2002. Southwest Monsoon Rainfall has also recorded highest rainfall of 971.0 mm (+10% of LPA) in the year 2019 since 2000.
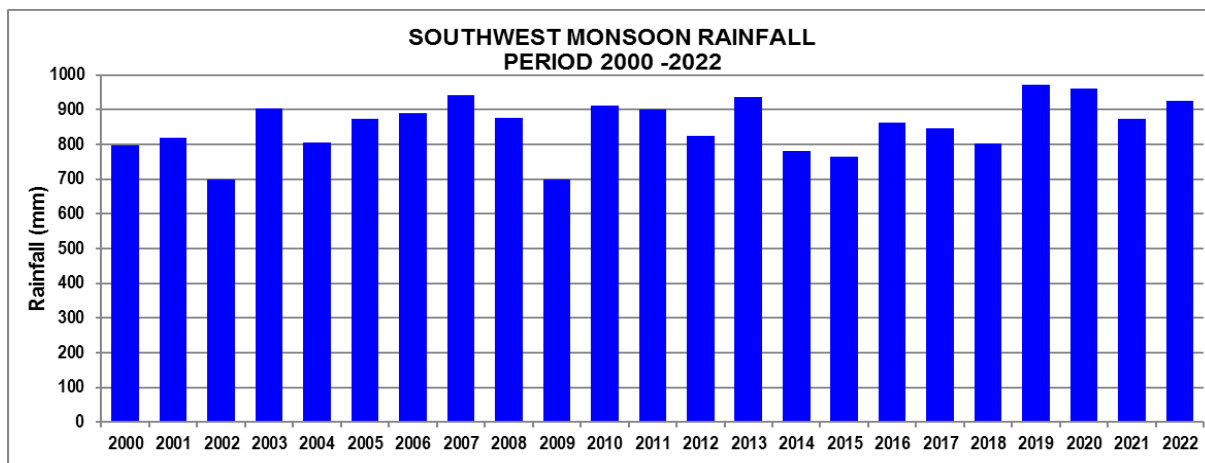

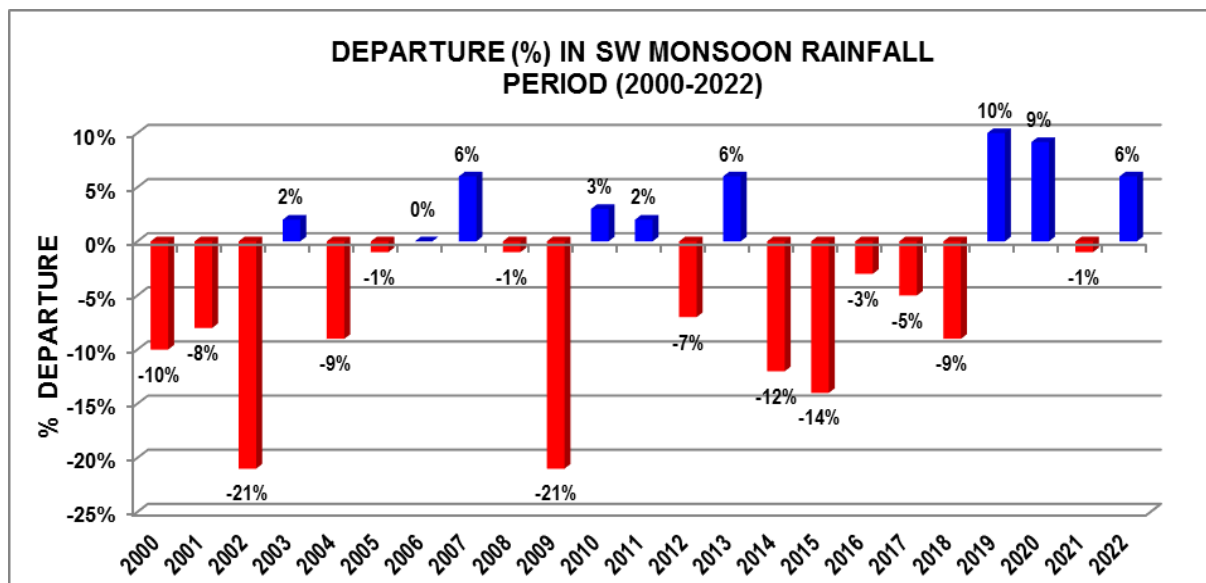**Figure 88: SW Monsoon Rainfall 2000-2022**

Figure 89: % Departures of SW Monsoon Rainfall 2000 – 2022

8. *SALIENT FEATURES OF RAINFALL DURING 2022*

1. The country received actual annual rainfall of 1257.0 mm which was 108% of its long period average (LPA) rainfall.

2. The country received actual SW Monsoon season (June to September) rainfall of 924.8 mm which was also 106% of its long period average (LPA) rainfall.

3. The rainfall for the country as whole during Winter, Pre-monsoon and Post monsoon were 58.5 mm, 130.2 mm & 144.1 mm which was 147%, 100% & 119% of LPA respectively.

4. Rainfall distribution during SW Monsoon season:

   a. Region Wise: North West India, Central India, South Peninsula, East & North East India received actual rainfall of 594.3 mm, 1160.4 mm, 874.6 mm, 1126.7 mm which was 101%, 119%, 122%, 82% of LPA respectively.

   b. Month Wise: The actual rainfall for the country as a whole during June, July, August & September was 152.2 mm, 327.2 mm, 264.0 mm, 181.4 mm which was 92%,117%, 104% and 108% of LPA respectively.

   c. Met Sub Division Wise:

   i. Out of 36 met sub divisions, 12 met sub divisions received Excess rainfall, 18 met sub divisions received Normal rainfall and 6 met sub divisions received Deficient rainfall.

   ii. Based on met sub division wise rainfall, 40% area received Excess rainfall, 43% area received Normal rainfall and 17% area received deficient rainfall.

   d. District Wise: Out of 703 districts for which rainfall statistics was prepared, 54 districts received Large Excess rainfall, 173 districts received Excess rainfall, 279 districts received Normal category of rainfall, 190 districts received Deficient rainfall, 7 districts received Large Deficient rainfall.

5. In the four meteorological homogeneous regions, highest positive departure of 78% was experienced in Central India during winter season.

6. Annual and seasonal rainfall was at least equal or more than the normal value for the country as a whole. Also, all the four homogeneous regions, annual rainfall is more than the normal value except North West India and Central India in Pre-monsoon season, East & North East India in southwest monsoon season. Annually for North West and East & North East India were less than the normal value.

7. Month wise, maximum positive departure of 207% was recorded in Central India in the month of January, whereas the maximum negative departure of 98% was recorded in the month of November in East & North East India.

8. Met sub-division-wise Annual and Seasonal rainfall distribution:

    a. Annual: Coastal Karnataka received highest rainfall of 3763.2 mm and West Rajasthan received lowest annual rainfall of 483.2 mm.

    b. SW Monsoon season:

      i. Coastal Karnataka received highest rainfall of 3235.4 mm and Punjab received lowest rainfall of 414.0 mm.

      ii. Bihar recorded highest deficiency of 31% whereas highest positive departure of 58% was recorded in West Rajasthan.

9. Annually, the District of East Khasi Hills in Meghalaya received the highest rainfall of 8084.7 mm whereas the District Ladakh (Leh) in Ladakh (UT) received the lowest rainfall of 63.8 mm.