USDA Foreign Agricultural Service
GAIN Report
Global Agricultural Information Network

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India

Post: New Delhi

Monsoon Update June 2019

Report Categories:
Agriculture in the Economy
Agriculture in the News
Climate Change/Global Warming/Food Security
Policy and Program Announcements
Cotton and Products
Grain and Feed
Oilseeds and Products

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Report Highlights:
The pace of plantings for all major *kharif* crops is slower than last year as delayed monsoon rains and low reservoir storage levels have resulted in lower planted area. Monsoon rains across India for the month of June are 33 percent lower than the normal fifty-year average. However, the Indian Meteorological Department (IMD) forecasts widespread rainfall for the next two weeks across Central and Western India which will help increase the pace of sowings.

General Overview
The southwest monsoon (Jun/Sep) advanced further in Central and Western India leading to widespread rainfall in the states of Gujarat, Maharashtra, Karnataka and Madhya Pradesh. However, as a whole, India received below average rainfall from June 1 through June 30 around 33 percent below the long-period average (LPA) for the southwest monsoon.

According to the Indian Meteorological Department (IMD), widespread rainfall with heavy to very heavy rainfall is likely over the subdivisions of Odisha, Chhattisgarh, Telangana, Vidarbha and East Madhya Pradesh during the next 2-3 days (June 30- July 2). The subdivisions of Konkan & Goa, Madhya Maharashtra, Marathwada, Gujarat region, East Rajasthan and West Madhya Pradesh are very likely to witness enhanced rainfall activity for the next 3-4 days (July 1-4). For more details, please refer – IMD Special Daily Weather Report.

According to the Indian Meteorological Department (IMD), the rainfall forecast for July 4-10 indicates above normal rainfall activity likely to occur along the west coast, Maharashtra, Madhya Pradesh, east Rajasthan and parts of Gujarat. For more details, please refer IMD Press Release.

Slow Planting Progress
According to the Ministry of Agriculture and Farmers Welfare's (MOAFW) June 28, 2019 report, planted area for rice is similar to last year's level with significantly higher planted acreage in Punjab that is offset by declines in other areas. However, the sowing of other kharif crops specifically pulses, cereals and cotton have been slow due to delayed rains and low reservoir storage levels. Overall area for oilseeds is lower than last year with lower planted area for soybeans in Maharashtra and Madhya Pradesh. Planted area for groundnuts is significantly higher in Gujarat and Rajasthan but not enough to move overall oilseed area up. For more details please refer MOAFW June 28, 2019 Report.

Table 1: India: Regional Rainfall Distribution from June 1- June 30, 2019

Regions	2019 Actual	Normal*	2019 Percent Difference from

	(mm)	(mm)	Normal
Northwest India	51.0	75.3	-32%
Central India	117.3	169.2	-31%
Southern Peninsula	112.8	160.2	-30%
East and Northeast India	218.2	347.1	-37%
All India	**112.1**	**166.9**	**-33%**

* Normal rainfall is the fifty-year average of rainfall from 1951-2000
Source: Indian Meteorological Department

Table 2: India: Kharif 2019 Sown Area (in million hectares)

Crop	Area sown in 2019 on June 28, 2019	Area sown in 2018 on June 28, 2018	Normal Area on June 28	Y-o-Y Change	Change from Normal	Absolute Change
Rice	2.709	2.712	3.554	0%	-24%	-0.03
Pulses	0.342	0.886	1.128	-61%	-70%	-5.44
Coarse Cereals	1.912	2.141	2.560	-11%	-25%	-2.29
Oilseeds	1.343	1.408	2.419	-5%	-44%	-0.65
Sugarcane	4.981	5.127	4.722	-3%	5%	-1.46
Jute and Mesta	0.666	0.713	0.723	-7%	-8%	-0.47
Cotton	2.708	3.220	4.561	-16%	-41%	-5.12
Total	**14.661**	**16.207**	**19.666**	**-10%**	**-25%**	**-15.46**

Source: Ministry of Agriculture and Farmers Welfare, Government of India
** Normal Area is the five-year average of the area from 2014-2018

Image: 1: India: Monthly Rainfall Statistics in mm (Southwest Monsoon 2019)

RAINFALL STATISTICS - MONSOON 2019

JUNE - 2019	1- Jun	TO	30-Jun
REGION	ACTUAL	NORMAL	% DEP
COUNTRY AS A WHOLE	112.1	166.9	-32.8
NORTHWEST INDIA	51.0	75.3	-32.2
EAST & NORTHEAST INDIA	218.2	347.1	-37.1
CENTRAL INDIA	117.3	169.2	-30.7
SOUTH PENINSULA	112.8	160.2	-29.6

JULY - 2019	1- Jul	TO	1-Jul
REGION	ACTUAL	NORMAL	% DEP
COUNTRY AS A WHOLE	7.2	8.1	-11.8
NORTHWEST INDIA	1.3	4.2	-68.8
EAST & NORTHEAST INDIA	4.7	14.9	-68.6
CENTRAL INDIA	14.7	9.4	56.4
SOUTH PENINSULA	5.3	6.4	-17.6

* Normal rainfall is the fifty-year average of rainfall from 1951-2000
Source: Indian Meteorological Department

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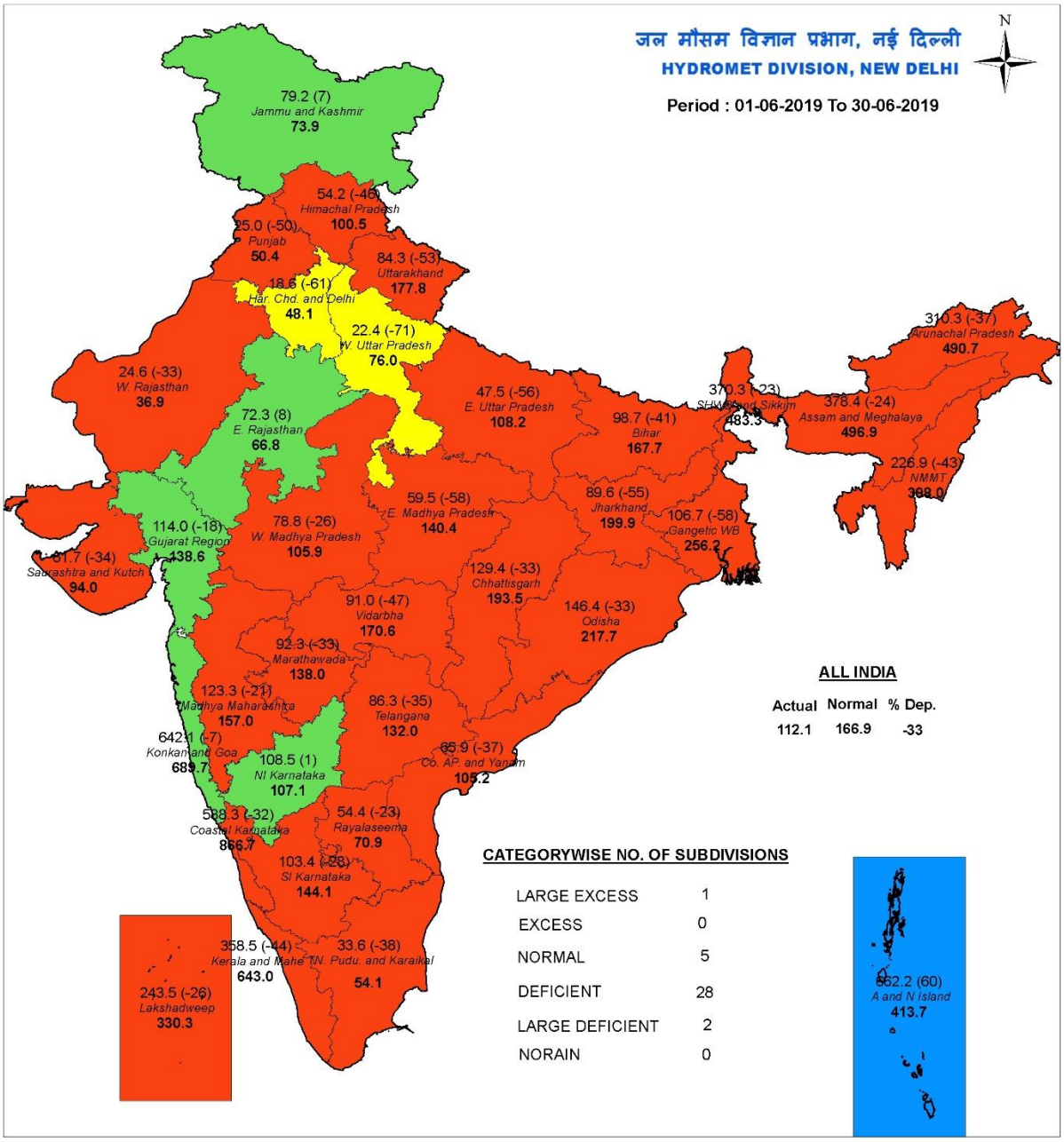
INDIA METEOROLOGICAL DEPARTMENT

SUBDIVISION RAINFALL MAP



Legend

Large Excess [60% or more] | Excess [20% to 59%] | Normal [-19% to 19%] | Deficient [-59% to -20%] | Large Deficient [-99% to -60%] | No Data [-100%] | No Rain

NOTES :
a) RainFall figures are based on operation data.
b) Small figures indicate actual rainfal (mm), while bold figures indicate Normal rainfall (mm).
c) Percentage Departures of rainfall are shown in brackets.

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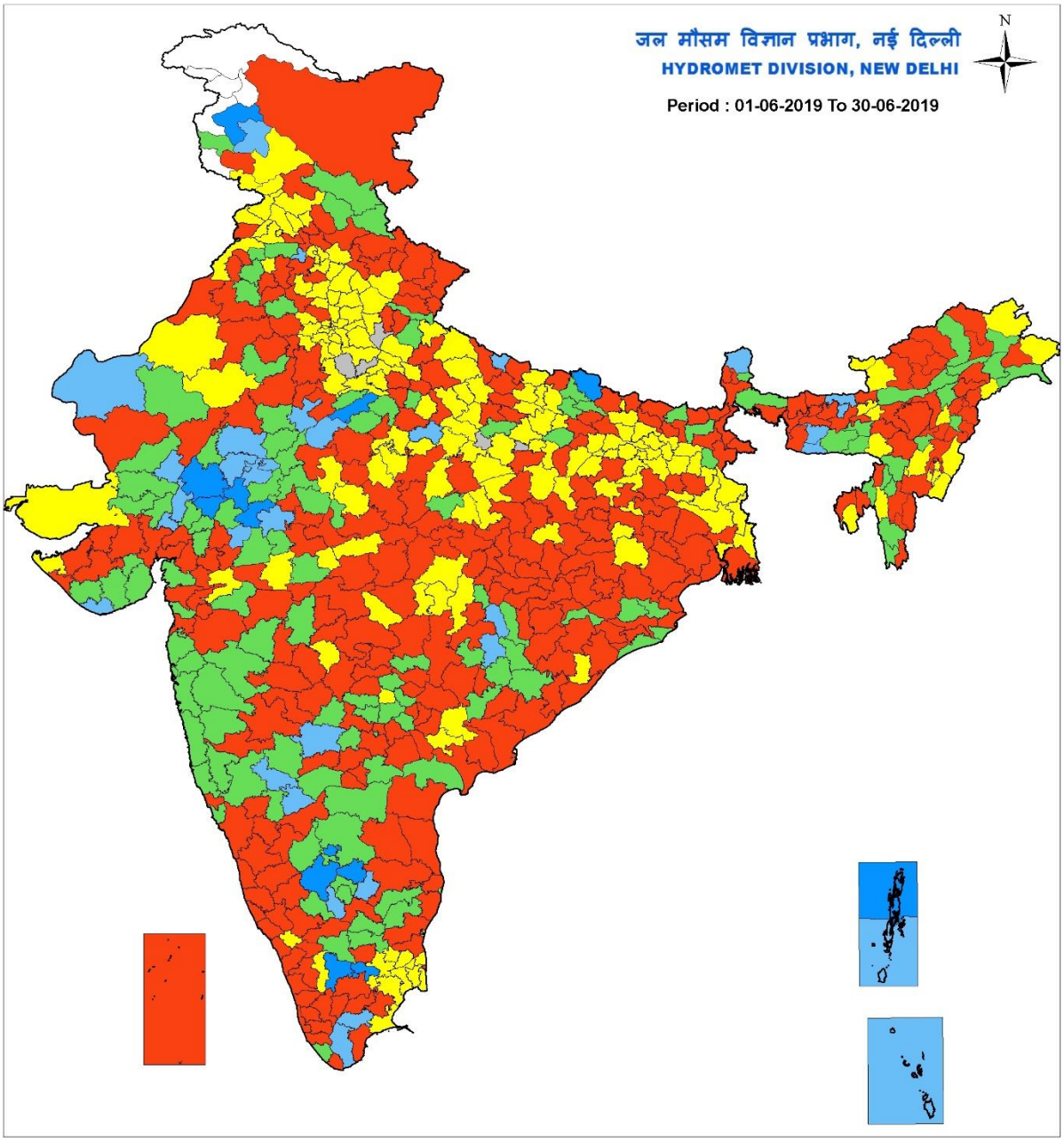
DISTRICT RAINFALL MAP



Legend

Large Excess [60% or more] | Excess [20% to 59%] | Normal [-19% to 19%] | Deficient [-59% to -20%] | Large Deficient [-99% to -60%] | No Data [-100%] | No Rain

NOTES :
a) RainFall figures are based on operation data.

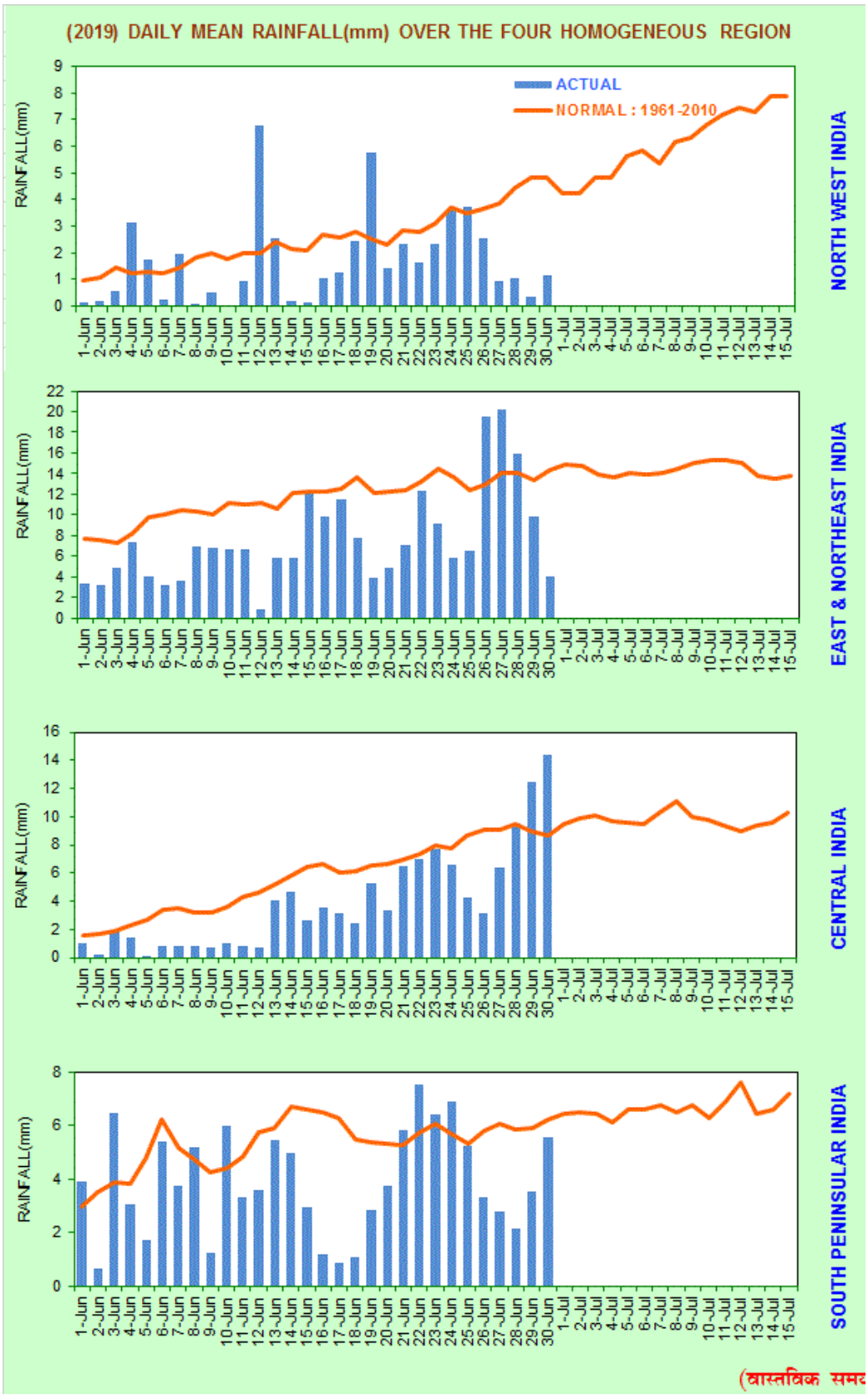
PROGRESS OF MONSOON 2019 WEEK BY WEEK

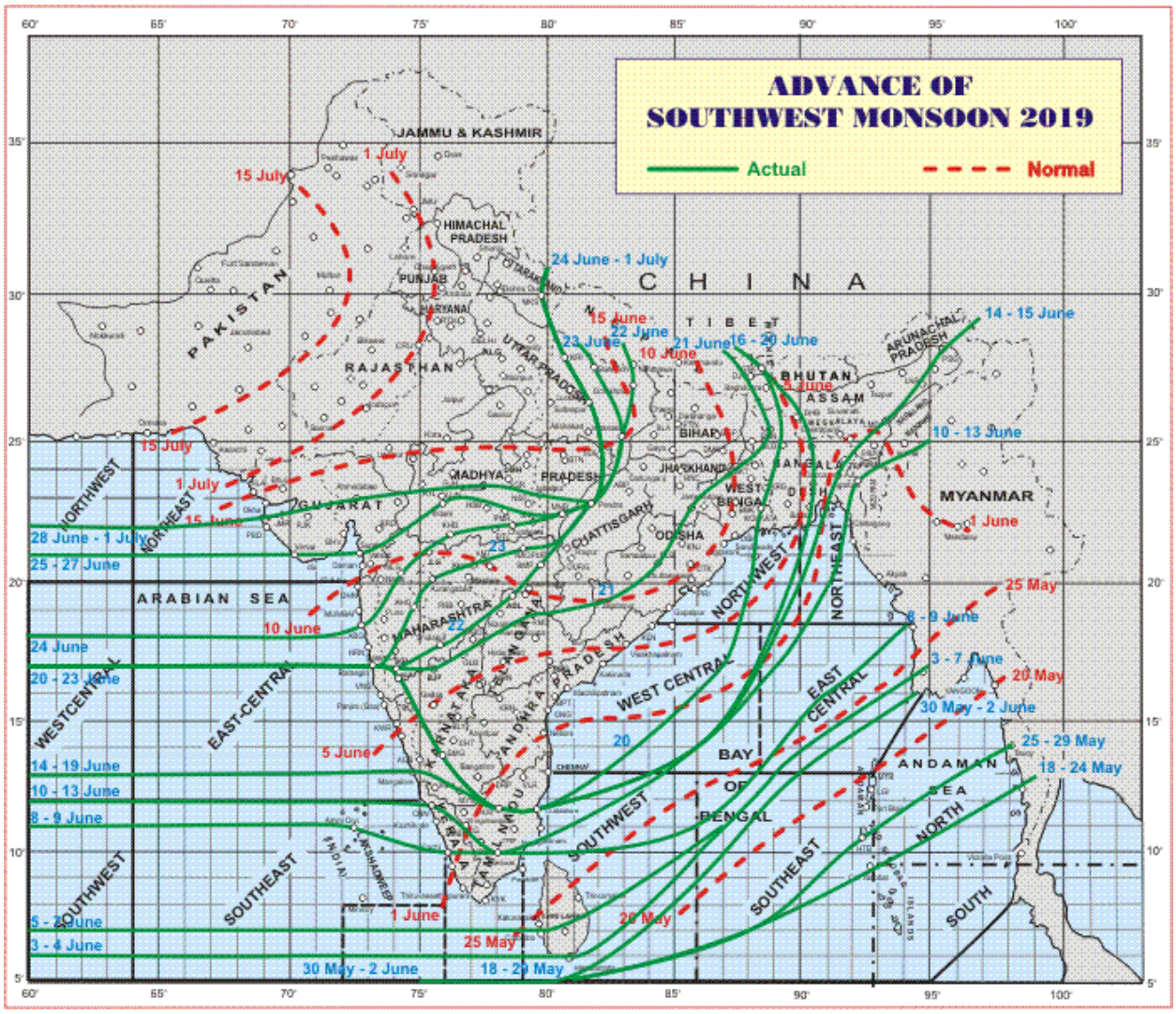
S.NO	MET.SUBDIVISION	WEEK ENDINGS																		
		5-Jun	12-Jun	19-Jun	26-Jun	3-Jul	10-Jul	17-Jul	24-Jul	31-Jul	7-Aug	14-Aug	21-Aug	28-Aug	4-Sep	11-Sep	18-Sep	25-Sep	30-Sep
1	A & N ISLANDS																		
2	ARUNACHAL PRADESH																		
3	ASSAM & MEGHALAYA																		
4	NAG.,MANI.,MIZO.& TRIPURA																		
5	S.H.W.B. & SIKKIM																		
6	GANGATIC W.B.																		
7	ODISHA																		
8	JHARKHAND																		
9	BIHAR																		
10	EAST U.P.																		
11	WEST U.P.																		
12	UTTARAKHAND																		
13	HAR., CHANDI.& DELHI																		
14	PUNJAB																		
15	HIMACHAL PRADESH																		
16	JAMMU & KASHMIR																		
17	WEST RAJASTHAN																		
18	EAST RAJASTHAN																		
19	WEST M.P.																		
20	EAST M.P.																		
21	GUJARAT REGION																		
22	SAURASHTRA & KUTCH																		
23	KONKAN & GOA																		
24	MADHYA M'RASHTRA																		
25	MARATHAWADA																		
26	VIDARBHA																		
27	CHATTISGARH																		
28	COASTAL A.P.																		
29	TELANGANA																		
30	RAYALASEEMA																		
31	TAMIL NADU																		
32	COASTAL KARNATAKA																		
33	N.I.KARNATAKA																		
34	S.I.KARNATAKA																		
35	KERALA																		
36	LAKSHADWEEP																		

LEGEND:

- LARGE EXCESS +60%OR MORE
- EXCESS +20% TO +59%
- NORMAL +19% TO -19%
- DEFICIENT -20%TO-59%
- LARGE DEFICIENT -60% OR LESS
- NO RAIN

(वास्तविक समय के आंकडों पर आधारित)


(2019) DAILY MEAN RAINFALL(mm) OVER THE FOUR HOMOGENEOUS REGION
ACTUAL
NORMAL : 1961-2010
RAINFALL(mm)
NORTH WEST INDIA
EAST & NORTHEAST INDIA
CENTRAL INDIA
SOUTH PENINSULAR INDIA
(वास्तविक समय


ADVANCE OF
SOUTHWEST MONSOON 2019
Actual
Normal
JAMMU & KASHMIR
HIMACHAL PRADESH
PUNJAB
HARYANA
RAJASTHAN
UTTAR PRADESH
BIHAR
JHARKHAND
WEST BENGAL
SIKKIM
ASSAM
BHUTAN
ARUNACHAL PRADESH
MYANMAR
MADHYA PRADESH
CHHATTISGARH
ODISHA
GUJARAT
MAHARASHTRA
KARNATAKA
ANDHRA PRADESH
TAMIL NADU
PUDUCHERRY
ANDAMAN & NICOBAR ISLANDS
PAKISTAN
CHINA
TIBET
ARABIAN SEA
BAY OF BENGAL
ANDAMAN SEA
1 July
15 July
24 June - 1 July
15 June
22 June
23 June
21 June
16 - 20 June
10 June
3 June
14 - 15 June
10 - 13 June
1 June
25 May
8 - 9 June
3 - 7 June
20 May
30 May - 2 June
25 - 29 May
18 - 24 May
28 June - 1 July
25 - 27 June
24 June
20 - 23 June
14 - 19 June
10 - 13 June
8 - 9 June
5 - 7 June
3 - 4 June
30 May - 2 June
18 - 29 May
5 June
NORTHWEST
NORTHEAST
WESTCENTRAL
EAST-CENTRAL
WEST CENTRAL
EAST CENTRAL
SOUTHWEST
SOUTHEAST
NORTH
SOUTH