

Progress of rainfall since 01-June-2019 in different meteorological sub-divisions of India (Departure from normal in %)															01-Jun to 21-Aug 2019 (mm)					
Sl No	Region	Sub Division	14-Jun-19	30-Jun-19	15-Jul-19	31-Jul-19	07-Aug-19	13-Aug-19	14-Aug-19	15-Aug-19	16-Aug-19	17-Aug-19	18-Aug-19	19-Aug-19	20-Aug-19	21-Aug-19	ACT	NOR	Def/ Surp	
1	East & Northeast India	Arunachal Pradesh	-62	-37	2	1	-3	-6	-7	-7	-6	-7	-8	-7	-8	-8	1156.7	1260.6	-103.9	
2		Assam & Meghalaya	-53	-24	0	-2	-5	-9	-10	-9	-10	-10	-10	-10	-11	-11	1184.0	1326.0	-142.0	
3		Nag-Man-Miz-Tri	-33	-43	-14	-17	-18	-20	-19	-19	-18	-19	-19	-19	-20	-20	829.0	1037.3	-208.3	
4		Sub Him WB & Sikkim	-51	-23	-2	3	-1	-3	-3	-4	-3	-4	-4	-4	-5	-6	-6	1344.5	1426.7	-82.2
5		Gangetic West Bengal	-54	-58	-50	-47	-46	-40	-38	-36	-37	-31	-28	-28	-28	-29	575.1	810.9	-235.8	
6		Jharkhand	-61	-55	-36	-36	-38	-34	-32	-33	-33	-33	-31	-26	-27	-27	533.9	735.1	-201.2	
7		Bihar	-34	-41	17	0	-4	-8	-9	-9	-10	-10	-11	-10	-11	-11	627.2	708.1	-80.9	
8	Northwest India	East Uttar Pradesh	-77	-56	23	1	-4	-12	-13	-14	-14	-15	-16	-17	-16	-13	501.0	573.3	-72.3	
9		West Uttar Pradesh	-72	-71	-22	-24	-21	-29	-27	-27	-27	-28	-26	-25	-25	-26	372.6	503.4	-130.8	
10		Uttarakhand	-47	-53	-35	-36	-32	-30	-29	-29	-29	-29	-26	-23	-23	-24	667.8	874.0	-206.2	
11		Haryana-Chd- Delhi	-85	-61	-53	-26	-30	-36	-33	-32	-33	-32	-26	-27	-28	-28	229.4	320.6	-91.2	
12		Punjab	-79	-50	-16	-3	-13	-15	-15	-16	-16	-15	5	5	4	3	357.4	347.5	9.9	
13		Himachal Pradesh	-26	-46	-37	-28	-28	-25	-23	-24	-23	-21	-3	-2	-1	-2	556.9	570.7	-13.8	
14		Jammu & Kashmir	111	7	-19	-1	-6	-11	-9	-10	-11	-8	-7	-6	-7	-9	378.5	413.7	-35.2	
15		West Rajasthan	-89	-33	-44	-12	-5	-5	-6	-6	2	15	17	15	15	13	232.3	204.8	27.5	
16		East Rajasthan	-69	8	16	20	24	26	28	36	48	52	52	50	48	45	653.3	449.1	204.2	
17	Central India	Odisha	-32	-33	-23	-21	-16	-3	0	-2	-3	-4	-1	-2	-3	-3	795.1	823.0	-27.9	
18		West Madhya Pradesh	-85	-26	17	16	16	28	30	38	40	38	37	36	34	33	812.5	609.2	203.3	
19		East Madhya Pradesh	-72	-58	-9	-18	-17	-13	-8	-2	-3	-4	-6	-6	-5	-3	721.4	747.2	-25.8	
20		Gujarat Region	-71	-18	-20	-21	10	24	22	22	24	24	24	23	22	21	835.0	690.9	144.1	
21		Saurashtra & Kutch	-22	-34	-58	-33	-30	24	23	23	23	22	21	21	21	21	471.8	390.8	81.0	
22		Konkan & Goa	-58	-7	20	29	49	44	43	43	42	41	40	39	38	38	3216.1	2337.1	879.0	
23		Madhya Maharashtra	-53	-21	13	30	65	72	70	69	68	66	65	64	63	61	874.8	542.4	332.4	
24		Marathwada	-64	-33	-33	-25	-18	-20	-20	-20	-21	-22	-23	-23	-24	-25	327.9	439.2	-111.3	
25		Vidarbha	-86	-47	-32	-10	-5	-1	3	3	1	-1	-2	-3	-3	-4	670.5	695.0	-24.5	
26		Chhattisgarh	-70	-33	-16	-12	-10	-3	1	0	-1	-2	-2	-1	-2	-2	812.7	829.9	-17.2	
27	South Peninsula	A & N Island	92	60	16	7	8	18	17	16	20	23	23	21	20	20	1312.0	1090.5	221.5	
28		Coastal Andhra Pradesh	-67	-37	-32	-10	3	-3	-3	-3	-3	-3	-2	-1	1	0	375.3	373.8	1.5	
29		Telangana	-46	-35	-35	-17	4	-1	-1	-2	-3	-4	-5	-5	-5	-5	503.5	532.5	-29.0	
30		Rayalaseema	-20	-23	-32	-28	-30	-35	-36	-35	-35	-31	-30	-26	-19	-17	194.6	233.9	-39.3	
31		Tamilnadu & Puduchery	-19	-38	-34	-29	-30	-15	-14	-14	-15	-7	-4	1	3	5	197.9	188.5	9.4	
32		Coastal Karnataka	-38	-32	-18	-10	-1	9	10	12	12	12	11	10	10	10	2863.3	2609.3	254.0	
33		Karnataka (N Interior)	-5	1	4	4	31	41	40	40	39	37	36	37	36	35	426.5	316.1	110.4	
34		Karnataka (S Interior)	9	-28	-20	-25	-8	21	21	21	20	21	21	22	23	23	600.5	488.5	112.0	
35		Kerala	-30	-44	-46	-32	-27	-3	0	1	1	0	-1	-1	-2	-1	1661.2	1683.8	-22.6	
36	Lakshadweep	2	-26	-25	17	11	10	17	18	18	17	16	17	16	15	889.4	772.5	116.9		

LEGEND

Large Excess: +60% and above	
Excess: +20% to +59%	
Normal: +19% to -19%	
Deficient: -20% to -59%	
Large Deficient: -60% to -99%	
No Rain: -100%	

1) Yesterday, five meteorological sub-divisions namely East Uttar Pradesh, East Madhya Pradesh, Rayalaseema, Coastal Karnataka and Kerala received wide spread (more than 75% of the places) rainfall.

2) As on 21-Aug-2019 the cumulative rainfall since 01-June is normal to above normal in 29 out of 36 meteorological sub-divisions.

Percentage departure of cumulative rainfall since 01-June-2019 over four homogeneous regions and the country

East & North East India	-15	Central India	13
North West India	-2	South Peninsula	6
Country as a Whole	2		

The above diagram has been prepared by AICRPAM, ICAR-CRIDA based on the data sourced from IMD website.

Number of districts and Percent area with different categories of cumulative rainfall in different states of India during 01-June to 21-August 2019

SI No	State/UT	NR	LD	D	N	E	LE
1	ANDAMAN & NICOBAR ISLANDS	0 (0)	0 (0)	0 (0)	2 (25)	1 (75)	0 (0)
2	ANDHRA PRADESH	0 (0)	0 (0)	2 (20)	10 (72)	1 (8)	0 (0)
3	ARUNACHAL PRADESH	0 (0)	0 (0)	6 (32)	8 (51)	1 (13)	1 (4)
4	ASSAM	0 (0)	1 (2)	9 (45)	14 (45)	3 (8)	0 (0)
5	BIHAR	0 (0)	0 (0)	20 (50)	14 (38)	4 (12)	0 (0)
6	CHANDIGARH	0 (0)	0 (0)	1 (100)	0 (0)	0 (0)	0 (0)
7	CHHATTISGARH	0 (0)	0 (0)	12 (41)	8 (31)	6 (21)	1 (7)
8	DADRA & NAGAR HAVELI	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (100)
9	DAMAN & DIU	0 (0)	0 (0)	1 (26)	0 (0)	1 (74)	0 (0)
10	DELHI	0 (0)	0 (0)	5 (55)	4 (45)	0 (0)	0 (0)
11	GOA	0 (0)	0 (0)	0 (0)	0 (0)	2 (100)	0 (0)
12	GUJARAT	0 (0)	0 (0)	1 (2)	17 (45)	12 (48)	3 (5)
13	HARYANA	0 (0)	1 (4)	14 (67)	6 (29)	0 (0)	0 (0)
14	HIMACHAL PRADESH	0 (0)	0 (0)	4 (58)	6 (29)	2 (13)	0 (0)
15	JAMMU & KASHMIR	0 (0)	2 (4)	5 (72)	10 (19)	3 (2)	2 (3)
16	JHARKHAND	0 (0)	1 (3)	16 (75)	7 (22)	0 (0)	0 (0)
17	KARNATAKA	0 (0)	0 (0)	2 (8)	13 (37)	9 (36)	6 (19)
18	KERALA	0 (0)	0 (0)	1 (11)	12 (78)	1 (11)	0 (0)
19	LAKSHADWEEP	0 (0)	0 (0)	0 (0)	1 (100)	0 (0)	0 (0)
20	MADHYA PRADESH	0 (0)	0 (0)	6 (14)	20 (43)	18 (35)	7 (8)
21	MAHARASHTRA	0 (0)	0 (0)	9 (26)	13 (37)	8 (17)	6 (20)
22	MANIPUR	0 (0)	5 (40)	3 (58)	1 (2)	0 (0)	0 (0)
23	MEGHALAYA	0 (0)	0 (0)	3 (57)	2 (23)	1 (8)	1 (12)
24	MIZORAM	0 (0)	0 (0)	3 (34)	5 (47)	1 (19)	0 (0)
25	NAGALAND	0 (0)	0 (0)	8 (68)	3 (32)	0 (0)	0 (0)
26	ORISSA	0 (0)	0 (0)	5 (16)	24 (78)	1 (6)	0 (0)
27	PONDICHERRY	0 (0)	0 (0)	1 (28)	4 (18)	1 (54)	0 (0)
28	PUNJAB	0 (0)	0 (0)	4 (31)	10 (38)	4 (23)	2 (8)
29	RAJASTHAN	0 (0)	0 (0)	4 (20)	7 (24)	14 (36)	8 (20)
30	SIKKIM	0 (0)	0 (0)	1 (10)	2 (30)	1 (60)	0 (0)
31	TAMIL NADU	0 (0)	0 (0)	10 (33)	12 (37)	6 (15)	4 (15)
32	TELANGANA	0 (0)	0 (0)	9 (30)	20 (64)	2 (6)	0 (0)
33	TRIPURA	0 (0)	0 (0)	0 (0)	4 (100)	0 (0)	0 (0)
34	UTTAR PRADESH	0 (0)	3 (2)	35 (46)	30 (42)	7 (10)	0 (0)
35	UTTARAKHAND	0 (0)	0 (0)	9 (69)	3 (27)	1 (4)	0 (0)
36	WEST BENGAL	0 (0)	0 (0)	15 (77)	4 (23)	0 (0)	0 (0)
Grand Total		0 (0)	13 (1)	224 (33)	296 (40)	111 (19)	42 (7)

* value indicates number of districts and value in bracket indicates the percent area of the state

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