

Progress of rainfall since 01-June-2019 in different meteorological sub-divisions of India

(Departure from normal in %)

| Sl No | Region | Sub Division | 07-Jun-19 | 14-Jun-19 | 21-Jun-19 | 28-Jun-19 | 05-Jul-19 | 12-Jul-19 | 26-Jul-19 | 02-Aug-19 | 09-Aug-19 | 16-Aug-19 | 23-Aug-19 | 07-Sep-19 | 09-Sep-19 | 10-Sep-19 | 11-Sep-19 | 01-Jun to 11-Sep 2019 (mm) | | |
|-------|------------------------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------|--------|--------|
| | | | ACT | NOR | Def/ Surp | ACT | NOR | Def/ Surp | | | | | | | | | | | | |
| 1 | East & Northeast India | Arunachal Pradesh | -84 | -62 | -41 | -34 | -41 | -4 | -6 | 1 | -3 | -6 | -10 | -16 | -15 | -14 | -12 | 1307.9 | 1491.6 | -183.7 |
| 2 | | Assam & Meghalaya | -50 | -53 | -46 | -22 | -30 | -10 | 0 | -3 | -6 | -10 | -12 | -16 | -16 | -15 | -15 | 1346.9 | 1584.6 | -237.7 |
| 3 | | Nag-Man-Miz-Tri | -39 | -33 | -37 | -44 | -39 | -20 | -13 | -17 | -17 | -18 | -21 | -24 | -23 | -23 | -23 | 959.0 | 1249.7 | -290.7 |
| 4 | | Sub Him WB & Sikkim | -68 | -51 | -35 | -19 | -34 | -15 | 8 | 1 | -1 | -3 | -8 | -13 | -13 | -13 | -13 | 1517.7 | 1744.2 | -226.5 |
| 5 | | Gangetic West Bengal | -35 | -54 | -60 | -57 | -52 | -47 | -51 | -48 | -42 | -37 | -29 | -28 | -27 | -27 | -28 | 731.6 | 1016.4 | -284.8 |
| 6 | | Jharkhand | -25 | -61 | -69 | -58 | -44 | -30 | -40 | -38 | -35 | -33 | -28 | -29 | -29 | -29 | -30 | 645.4 | 919.6 | -274.2 |
| 7 | | Bihar | -29 | -34 | -55 | -39 | -49 | 9 | 7 | -3 | -6 | -10 | -13 | -22 | -23 | -23 | -23 | 683.6 | 887.2 | -203.6 |
| 8 | Northwest India | East Uttar Pradesh | -64 | -77 | -81 | -51 | -60 | 26 | 10 | -2 | -7 | -14 | -11 | -20 | -21 | -22 | -22 | 576.3 | 739.8 | -163.5 |
| 9 | | West Uttar Pradesh | -68 | -72 | -73 | -66 | -58 | -19 | -22 | -26 | -24 | -27 | -26 | -28 | -28 | -29 | -29 | 459.4 | 648.6 | -189.2 |
| 10 | | Uttarakhand | -15 | -47 | -56 | -49 | -50 | -41 | -36 | -37 | -31 | -29 | -24 | -22 | -23 | -23 | -23 | 825.9 | 1078.8 | -252.9 |
| 11 | | Haryana-Chd- Delhi | -84 | -85 | -37 | -56 | -55 | -58 | -28 | -30 | -32 | -33 | -31 | -37 | -38 | -39 | -39 | 247.6 | 407.3 | -159.7 |
| 12 | | Punjab | -58 | -79 | -28 | -41 | -52 | -37 | 1 | 0 | -16 | -16 | 0 | -2 | -4 | -5 | -6 | 403.2 | 428.3 | -25.1 |
| 13 | | Himachal Pradesh | -17 | -26 | -35 | -40 | -43 | -40 | -38 | -26 | -24 | -23 | -4 | -9 | -10 | -11 | -12 | 618.7 | 700.8 | -82.1 |
| 14 | | Jammu & Kashmir | 114 | 111 | 47 | -6 | -4 | -14 | -16 | -2 | -10 | -11 | -8 | -15 | -17 | -18 | -18 | 419.2 | 512.3 | -93.1 |
| 15 | West Rajasthan | -89 | -89 | -29 | -25 | -28 | -36 | -38 | -9 | -1 | 2 | 11 | 19 | 18 | 18 | 17 | 293.6 | 250.6 | 43.0 | |
| 16 | East Rajasthan | -93 | -69 | 55 | 24 | 33 | 36 | 2 | 21 | 30 | 48 | 42 | 40 | 41 | 41 | 41 | 795.7 | 566.0 | 229.7 | |
| 17 | Central India | Odisha | 20 | -32 | -24 | -31 | -17 | -17 | -28 | -22 | -9 | -3 | -4 | 3 | 5 | 4 | 4 | 1065.6 | 1027.2 | 38.4 |
| 18 | | West Madhya Pradesh | -92 | -85 | -45 | -33 | 28 | 31 | -6 | 16 | 32 | 40 | 32 | 34 | 38 | 40 | 42 | 1105.4 | 779.6 | 325.8 |
| 19 | | East Madhya Pradesh | -98 | -72 | -68 | -60 | -13 | 2 | -20 | -19 | -9 | -3 | -4 | 3 | 8 | 8 | 10 | 1043.3 | 952.7 | 90.6 |
| 20 | | Gujarat Region | -100 | -71 | -46 | -35 | -14 | -14 | -30 | -9 | 13 | 24 | 19 | 17 | 17 | 20 | 22 | 1045.1 | 853.4 | 191.7 |
| 21 | | Saurashtra & Kutch | -100 | -22 | -18 | -33 | -45 | -53 | -55 | -29 | -31 | 23 | 20 | 34 | 42 | 44 | 46 | 678.7 | 464.3 | 214.4 |
| 22 | | Konkan & Goa | -93 | -58 | -55 | -39 | 5 | 22 | 17 | 29 | 49 | 42 | 37 | 46 | 51 | 51 | 51 | 4051.8 | 2679.7 | 1372.1 |
| 23 | | Madhya Maharashtra | -95 | -53 | -66 | -39 | -11 | 18 | 8 | 37 | 73 | 68 | 59 | 53 | 55 | 56 | 56 | 1013.8 | 649.8 | 364.0 |
| 24 | | Marathwada | -63 | -64 | -77 | -41 | -34 | -30 | -35 | -25 | -15 | -21 | -25 | -18 | -19 | -19 | -19 | 458.8 | 569.9 | -111.1 |
| 25 | | Vidarbha | -83 | -86 | -86 | -67 | -22 | -26 | -38 | -9 | 2 | 1 | -4 | 3 | 4 | 4 | 4 | 902.6 | 864.1 | 38.5 |
| 26 | | Chhattisgarh | -43 | -70 | -42 | -33 | -13 | -8 | -24 | -12 | -1 | -1 | -3 | 2 | 6 | 6 | 5 | 1087.1 | 1030.8 | 56.3 |
| 27 | South Peninsula | A & N Island | -47 | 92 | 83 | 60 | 42 | 21 | 12 | 8 | 6 | 20 | 23 | 45 | 41 | 40 | 40 | 1924.6 | 1377.4 | 547.2 |
| 28 | | Coastal Andhra Pradesh | -43 | -67 | -54 | -33 | -36 | -37 | -18 | -4 | 4 | -3 | 1 | 2 | 1 | 1 | 0 | 479.3 | 478.2 | 1.1 |
| 29 | | Telangana | -26 | -46 | -48 | -42 | -35 | -32 | -33 | -10 | 6 | -3 | -4 | -2 | -3 | -3 | -4 | 636.0 | 659.4 | -23.4 |
| 30 | | Rayalaseema | 9 | -20 | -37 | -21 | -27 | -39 | -24 | -27 | -31 | -35 | -9 | -16 | -18 | -19 | -20 | 253.0 | 315.6 | -62.6 |
| 31 | | Tamil Nadu & Puduchery | -4 | -19 | -36 | -35 | -44 | -46 | -24 | -32 | -15 | -15 | 7 | -2 | -4 | -5 | -5 | 247.9 | 259.8 | -11.9 |
| 32 | | Coastal Karnataka | -76 | -38 | -44 | -35 | -30 | -19 | -11 | -12 | 4 | 12 | 10 | 21 | 24 | 24 | 24 | 3615.4 | 2921.8 | 693.6 |
| 33 | | Karnataka (N Interior) | 17 | -5 | -33 | -7 | 6 | 7 | 0 | 6 | 43 | 39 | 34 | 28 | 28 | 27 | 26 | 494.7 | 393.0 | 101.7 |
| 34 | | Karnataka (S Interior) | 50 | 9 | -25 | -28 | -25 | -16 | -22 | -27 | 11 | 20 | 21 | 22 | 24 | 23 | 23 | 709.0 | 578.5 | 130.5 |
| 35 | | Kerala | -60 | -30 | -39 | -40 | -47 | -44 | -27 | -33 | -14 | 1 | 0 | 13 | 13 | 13 | 13 | 2130.8 | 1885.3 | 245.5 |
| 36 | | Lakshadweep | -49 | 2 | -10 | -22 | -33 | -34 | 22 | 14 | 11 | 18 | 18 | 28 | 26 | 26 | 25 | 1135.4 | 905.4 | 230.0 |

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% |

▪ Yesterday, wide spread (> 75% places) rainfall occurred in 10 meteorological sub-divisions viz., Arunachal Pradesh, Assam & Meghalaya, NMMT (Nagaland-Manipur-Mizoram-Tripura), Sub-Himalayan West Bengal & Sikkim, West Madhya Pradesh, East Madhya Pradesh, Gujarat, Saurashtra & Kutch, Konkan & Goa and Coastal Karnataka.

▪ The cumulative rainfall status (since 01-Jun-19) is deficient in 9, normal in 16 and excess in 11 out of 36 meteorological sub-divisions as on 11-Sep-2019.

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

| | | | | | |
|-------------------------|-----|-----------------|----|---------------------------|----------|
| East & North East India | -20 | Central India | 21 | Country as a whole | 3 |
| North West India | -9 | South Peninsula | 10 | | |

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 11-September 2019

| Sl No | State/UT | NR | LD | D | N | E | LE |
|--------------------|---------------------------|--------------|---------------|-----------------|-----------------|-----------------|---------------|
| 1 | ANDAMAN & NICOBAR ISLANDS | 0 (0) | 0 (0) | 0 (0) | 2 (25) | 0 (0) | 1 (75) |
| 2 | ANDHRA PRADESH | 0 (0) | 0 (0) | 2 (20) | 10 (72) | 1 (8) | 0 (0) |
| 3 | ARUNACHAL PRADESH | 0 (0) | 0 (0) | 6 (33) | 9 (63) | 0 (0) | 1 (4) |
| 4 | ASSAM | 0 (0) | 1 (2) | 9 (43) | 15 (49) | 2 (6) | 0 (0) |
| 5 | BIHAR | 0 (0) | 1 (2) | 23 (58) | 14 (40) | 0 (0) | 0 (0) |
| 6 | CHANDIGARH | 0 (0) | 0 (0) | 1 (100) | 0 (0) | 0 (0) | 0 (0) |
| 7 | CHHATTISGARH | 0 (0) | 0 (0) | 5 (18) | 15 (55) | 5 (17) | 2 (10) |
| 8 | DADRA & NAGAR HAVELI | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 1 (100) |
| 9 | DAMAN & DIU | 0 (0) | 0 (0) | 0 (0) | 1 (26) | 1 (74) | 0 (0) |
| 10 | DELHI | 0 (0) | 0 (0) | 9 (100) | 0 (0) | 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) | 14 (33) | 13 (32) | 5 (33) |
| 13 | HARYANA | 0 (0) | 2 (6) | 16 (75) | 3 (19) | 0 (0) | 0 (0) |
| 14 | HIMACHAL PRADESH | 0 (0) | 0 (0) | 6 (67) | 6 (33) | 0 (0) | 0 (0) |
| 15 | JAMMU & KASHMIR | 0 (0) | 2 (4) | 11 (80) | 6 (11) | 2 (3) | 1 (2) |
| 16 | JHARKHAND | 0 (0) | 0 (0) | 13 (59) | 10 (37) | 1 (4) | 0 (0) |
| 17 | KARNATAKA | 0 (0) | 0 (0) | 6 (21) | 11 (33) | 9 (31) | 4 (15) |
| 18 | KERALA | 0 (0) | 0 (0) | 0 (0) | 10 (65) | 4 (35) | 0 (0) |
| 19 | LAKSHADWEEP | 0 (0) | 0 (0) | 0 (0) | 0 (0) | 1 (100) | 0 (0) |
| 20 | MADHYA PRADESH | 0 (0) | 0 (0) | 2 (3) | 19 (41) | 22 (44) | 8 (12) |
| 21 | MAHARASHTRA | 0 (0) | 0 (0) | 8 (23) | 12 (37) | 8 (19) | 8 (21) |
| 22 | MANIPUR | 0 (0) | 6 (61) | 2 (36) | 1 (3) | 0 (0) | 0 (0) |
| 23 | MEGHALAYA | 0 (0) | 0 (0) | 4 (67) | 2 (20) | 0 (0) | 1 (13) |
| 24 | MIZORAM | 0 (0) | 0 (0) | 3 (34) | 5 (47) | 1 (19) | 0 (0) |
| 25 | NAGALAND | 0 (0) | 0 (0) | 9 (75) | 1 (13) | 1 (12) | 0 (0) |
| 26 | ORISSA | 0 (0) | 0 (0) | 2 (4) | 25 (86) | 3 (10) | 0 (0) |
| 27 | PONDICHERRY | 0 (0) | 0 (0) | 3 (42) | 2 (4) | 1 (54) | 0 (0) |
| 28 | PUNJAB | 0 (0) | 0 (0) | 6 (40) | 10 (39) | 3 (17) | 1 (4) |
| 29 | RAJASTHAN | 0 (0) | 0 (0) | 3 (9) | 11 (43) | 12 (32) | 7 (16) |
| 30 | SIKKIM | 0 (0) | 0 (0) | 1 (10) | 2 (30) | 1 (60) | 0 (0) |
| 31 | TAMIL NADU | 0 (0) | 1 (5) | 11 (36) | 14 (41) | 4 (11) | 2 (7) |
| 32 | TELANGANA | 0 (0) | 0 (0) | 7 (23) | 22 (71) | 2 (6) | 0 (0) |
| 33 | TRIPURA | 0 (0) | 0 (0) | 0 (0) | 4 (100) | 0 (0) | 0 (0) |
| 34 | UTTAR PRADESH | 0 (0) | 3 (3) | 43 (57) | 27 (38) | 2 (2) | 0 (0) |
| 35 | UTTARAKHAND | 0 (0) | 0 (0) | 8 (56) | 4 (40) | 1 (4) | 0 (0) |
| 36 | WEST BENGAL | 0 (0) | 0 (0) | 13 (66) | 6 (34) | 0 (0) | 0 (0) |
| Grand Total | | 0 (0) | 16 (1) | 229 (30) | 297 (43) | 102 (17) | 42 (9) |

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

| | | |
|----|-----------------|------------------|
| LE | Large Excess | : +60% and above |
| E | Excess | : +20% to +59% |
| N | Normal | : +19% to -19% |
| D | Deficient | : -20% to -59% |
| LD | Large Deficient | : -60% to -99% |
| NR | No Rain | : -100% |

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