

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

(Departure from normal in %)

**01-Jun
to
22-Sep 2019
(mm)**

| Sl No | Region | Sub Division | 14-Jun-19 | 28-Jun-19 | 12-Jul-19 | 26-Jul-19 | 09-Aug-19 | 23-Aug-19 | 30-Aug-19 | 06-Sep-19 | 14-Sep-19 | 15-Sep-19 | 17-Sep-19 | 18-Sep-19 | 19-Sep-19 | 20-Sep-19 | 21-Sep-19 | 22-Sep-19 | ACT | NOR | Def/ Surp | |
|-------|------------------------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|--------|-----------|--------|
| | | | | | | | | | | | | | | | | | | | | | | |
| 1 | East & Northeast India | Arunachal Pradesh | -62 | -34 | -4 | -6 | -3 | -10 | -13 | -16 | -12 | -11 | -10 | -10 | -10 | -11 | -12 | -12 | 1446.4 | 1644.1 | -197.7 | |
| 2 | | Assam & Meghalaya | -53 | -22 | -10 | 0 | -6 | -12 | -15 | -16 | -13 | -13 | -12 | -13 | -13 | -13 | -13 | -14 | -14 | 1459.4 | 1699.3 | -239.9 |
| 3 | | Nag-Man-Miz-Tri | -33 | -44 | -20 | -13 | -17 | -21 | -23 | -23 | -22 | -22 | -22 | -22 | -23 | -23 | -24 | -24 | -24 | 1028.0 | 1353.5 | -325.5 |
| 4 | | Sub Him WB & Sikkim | -51 | -19 | -15 | 8 | -1 | -8 | -11 | -12 | -12 | -12 | -11 | -9 | -9 | -9 | -10 | -10 | -9 | 1702.0 | 1876.0 | -174.0 |
| 5 | | Gangetic West Bengal | -54 | -57 | -47 | -51 | -42 | -29 | -27 | -28 | -27 | -27 | -27 | -28 | -28 | -28 | -28 | -29 | -29 | 785.6 | 1102.6 | -317.0 |
| 6 | | Jharkhand | -61 | -58 | -30 | -40 | -35 | -28 | -27 | -29 | -28 | -29 | -29 | -29 | -30 | -30 | -30 | -30 | -31 | 694.2 | 999.3 | -305.1 |
| 7 | | Bihar | -34 | -39 | 9 | 7 | -6 | -13 | -17 | -21 | -22 | -22 | -22 | -22 | -18 | -18 | -18 | -18 | -18 | 794.1 | 964.7 | -170.6 |
| 8 | Northwest India | East Uttar Pradesh | -77 | -51 | 26 | 10 | -7 | -11 | -14 | -19 | -20 | -20 | -20 | -18 | -16 | -17 | -17 | -16 | 677.7 | 811.3 | -133.6 | |
| 9 | | West Uttar Pradesh | -72 | -66 | -19 | -22 | -24 | -26 | -27 | -28 | -29 | -29 | -30 | -30 | -30 | -30 | -30 | -30 | -30 | 495.8 | 703.9 | -208.1 |
| 10 | | Uttarakhand | -47 | -49 | -41 | -36 | -31 | -24 | -26 | -23 | -22 | -22 | -22 | -23 | -23 | -23 | -23 | -23 | -23 | 885.7 | 1149.3 | -263.6 |
| 11 | | Haryana-Chd- Delhi | -85 | -56 | -58 | -28 | -32 | -31 | -35 | -36 | -41 | -41 | -42 | -42 | -42 | -42 | -42 | -42 | -42 | 250.1 | 434.1 | -184.0 |
| 12 | | Punjab | -79 | -41 | -37 | 1 | -16 | 0 | -4 | -1 | -7 | -7 | -7 | -8 | -8 | -8 | -8 | -9 | -9 | 408.2 | 450.5 | -42.3 |
| 13 | | Himachal Pradesh | -26 | -40 | -40 | -38 | -24 | -4 | -6 | -8 | -13 | -13 | -14 | -14 | -14 | -14 | -14 | -14 | -14 | 634.1 | 741.2 | -107.1 |
| 14 | | Jammu & Kashmir | 111 | -6 | -14 | -16 | -10 | -8 | -12 | -14 | -19 | -20 | -21 | -21 | -21 | -21 | -21 | -21 | -22 | 427.4 | 544.7 | -117.3 |
| 15 | | West Rajasthan | -89 | -25 | -36 | -38 | -1 | 11 | 13 | 20 | 15 | 15 | 14 | 14 | 14 | 14 | 14 | 13 | 14 | 296.7 | 260.4 | 36.3 |
| 16 | | East Rajasthan | -69 | 24 | 36 | 2 | 30 | 42 | 43 | 41 | 47 | 49 | 48 | 48 | 48 | 48 | 48 | 48 | 49 | 879.2 | 591.0 | 288.2 |
| 17 | Central India | Odisha | -32 | -31 | -17 | -28 | -9 | -4 | -4 | 0 | 4 | 3 | 2 | 2 | 1 | 1 | 1 | 0 | 1115.5 | 1111.1 | 4.4 | |
| 18 | | West Madhya Pradesh | -85 | -33 | 31 | -6 | 32 | 32 | 37 | 34 | 53 | 54 | 54 | 55 | 55 | 55 | 56 | 57 | 1310.8 | 834.4 | 476.4 | |
| 19 | | East Madhya Pradesh | -72 | -60 | 2 | -20 | -9 | -4 | 1 | 2 | 13 | 12 | 12 | 13 | 13 | 13 | 13 | 14 | 1169.0 | 1025.7 | 143.3 | |
| 20 | | Gujarat Region | -71 | -35 | -14 | -30 | 13 | 19 | 17 | 19 | 25 | 25 | 25 | 24 | 24 | 24 | 25 | 25 | 1120.0 | 896.8 | 223.2 | |
| 21 | | Saurashtra & Kutch | -22 | -33 | -53 | -55 | -31 | 20 | 17 | 34 | 46 | 45 | 44 | 43 | 43 | 43 | 43 | 44 | 709.9 | 493.6 | 216.3 | |
| 22 | | Konkan & Goa | -58 | -39 | 22 | 17 | 49 | 37 | 33 | 45 | 52 | 53 | 54 | 54 | 54 | 55 | 54 | 54 | 4295.9 | 2790.1 | 1505.8 | |
| 23 | | Madhya Maharashtra | -53 | -39 | 18 | 8 | 73 | 59 | 53 | 53 | 56 | 56 | 55 | 55 | 56 | 57 | 56 | 55 | 1094.7 | 704.6 | 390.1 | |
| 24 | | Marathwada | -64 | -41 | -30 | -35 | -15 | -25 | -30 | -18 | -18 | -18 | -19 | -18 | -17 | -14 | -13 | -14 | 540.6 | 628.7 | -88.1 | |
| 25 | | Vidarbha | -86 | -67 | -26 | -38 | 2 | -4 | -4 | 1 | 7 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 993.7 | 915.9 | 77.8 | |
| 26 | | Chhattisgarh | -70 | -33 | -8 | -24 | -1 | -3 | -3 | 1 | 6 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 1148.1 | 1106.5 | 41.6 | |
| 27 | South Peninsula | A & N Island | 92 | 60 | 21 | 12 | 6 | 23 | 38 | 46 | 37 | 39 | 41 | 42 | 47 | 49 | 50 | 50 | 2300.1 | 1533.7 | 766.4 | |
| 28 | | Coastal Andhra Pradesh | -67 | -33 | -37 | -18 | 4 | 1 | -4 | 3 | 1 | 2 | 2 | 4 | 5 | 6 | 5 | 5 | 565.4 | 539.5 | 25.9 | |
| 29 | | Telangana | -46 | -42 | -32 | -33 | 6 | -4 | -7 | -1 | -4 | -3 | -4 | 1 | 1 | 1 | 1 | 1 | 730.3 | 720.7 | 9.6 | |
| 30 | | Rayalaseema | -20 | -21 | -39 | -24 | -31 | -9 | -15 | -15 | -20 | -19 | -8 | -4 | 2 | 8 | 6 | 9 | 403.8 | 371.9 | 31.9 | |
| 31 | | Tamil Nadu & Puduchery | -19 | -35 | -46 | -24 | -15 | 7 | 2 | -1 | 4 | 5 | 8 | 10 | 11 | 11 | 10 | 10 | 335.6 | 305.8 | 29.8 | |
| 32 | | Coastal Karnataka | -38 | -35 | -19 | -11 | 4 | 10 | 12 | 21 | 24 | 24 | 25 | 25 | 25 | 25 | 24 | 24 | 3746.5 | 3019.9 | 726.6 | |
| 33 | | Karnataka (N Interior) | -5 | -7 | 7 | 0 | 43 | 34 | 27 | 28 | 22 | 22 | 20 | 20 | 21 | 23 | 21 | 19 | 538.9 | 451.0 | 87.9 | |
| 34 | | Karnataka (S Interior) | 9 | -28 | -16 | -22 | 11 | 21 | 17 | 21 | 21 | 20 | 20 | 20 | 20 | 19 | 18 | 18 | 748.6 | 636.9 | 111.7 | |
| 35 | | Kerala | -30 | -40 | -44 | -27 | -14 | 0 | 5 | 12 | 13 | 13 | 13 | 13 | 13 | 14 | 13 | 13 | 2221.5 | 1973.1 | 248.4 | |
| 36 | Lakshadweep | 2 | -22 | -34 | 22 | 11 | 18 | 28 | 29 | 24 | 23 | 22 | 21 | 21 | 21 | 20 | 20 | 1161.6 | 971.1 | 190.5 | | |

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, 4 meteorological sub-divisions viz., Sub-Himalayan West Bengal & Sikkim, West Madhya Pradesh, East Madhya Pradesh and Rayalaseema recieved wide spread rainfall (>75% of places).
- The cumulative rainfall status as on 22-Sep-2019 (since 01-June-2019) is deficient in 7, normal in 20 and exces in 9 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 | -19 | Central India | 24 | Country as a whole | 5 |
| North West India | -8 | South Peninsula | 13 | | |

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 22-September 2019

| Sl No | State/UT | NR | LD | D | N | E | LE |
|--------------------|---------------------------|--------------|---------------|-----------------|-----------------|-----------------|---------------|
| 1 | ANDAMAN & NICOBAR ISLANDS | 0 (0) | 0 (0) | 0 (0) | 1 (25) | 1 (0) | 1 (75) |
| 2 | ANDHRA PRADESH | 0 (0) | 0 (0) | 0 (0) | 11 (84) | 2 (16) | 0 (0) |
| 3 | ARUNACHAL PRADESH | 0 (0) | 0 (0) | 6 (33) | 9 (64) | 0 (0) | 1 (4) |
| 4 | ASSAM | 0 (0) | 1 (2) | 9 (44) | 15 (48) | 2 (6) | 0 (0) |
| 5 | BIHAR | 0 (0) | 0 (0) | 19 (48) | 19 (52) | 0 (0) | 0 (0) |
| 6 | CHANDIGARH | 0 (0) | 0 (0) | 1 (100) | 0 (0) | 0 (0) | 0 (0) |
| 7 | CHHATTISGARH | 0 (0) | 0 (0) | 6 (20) | 14 (52) | 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) | 0 (0) | 0 (0) | 2 (100) | 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) | 11 (28) | 18 (64) | 3 (6) |
| 13 | HARYANA | 0 (0) | 4 (14) | 15 (73) | 2 (13) | 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) | 12 (81) | 5 (10) | 2 (3) | 1 (2) |
| 16 | JHARKHAND | 0 (0) | 0 (0) | 14 (62) | 9 (34) | 1 (4) | 0 (0) |
| 17 | KARNATAKA | 0 (0) | 0 (0) | 5 (16) | 15 (48) | 7 (23) | 3 (13) |
| 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) | 17 (36) | 14 (32) | 18 (29) |
| 21 | MAHARASHTRA | 0 (0) | 0 (0) | 6 (19) | 13 (37) | 10 (26) | 7 (18) |
| 22 | MANIPUR | 0 (0) | 4 (37) | 4 (61) | 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) | 4 (49) | 4 (32) | 1 (19) | 0 (0) |
| 25 | NAGALAND | 0 (0) | 0 (0) | 8 (62) | 2 (26) | 1 (12) | 0 (0) |
| 26 | ODISHA | 0 (0) | 0 (0) | 2 (5) | 26 (88) | 2 (7) | 0 (0) |
| 27 | PONDICHERY | 0 (0) | 0 (0) | 2 (14) | 3 (32) | 1 (54) | 0 (0) |
| 28 | PUNJAB | 0 (0) | 0 (0) | 8 (48) | 8 (32) | 3 (17) | 1 (3) |
| 29 | RAJASTHAN | 0 (0) | 0 (0) | 3 (9) | 9 (39) | 12 (35) | 9 (17) |
| 30 | SIKKIM | 0 (0) | 0 (0) | 1 (10) | 2 (30) | 1 (60) | 0 (0) |
| 31 | TAMIL NADU | 0 (0) | 0 (0) | 5 (17) | 13 (46) | 13 (31) | 1 (6) |
| 32 | TELANGANA | 0 (0) | 0 (0) | 5 (13) | 24 (81) | 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) | 40 (54) | 28 (38) | 4 (6) | 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) | 14 (1) | 213 (27) | 297 (44) | 114 (20) | 48 (8) |

* 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.