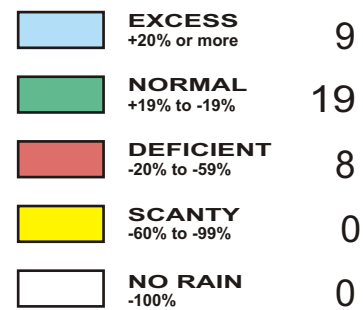
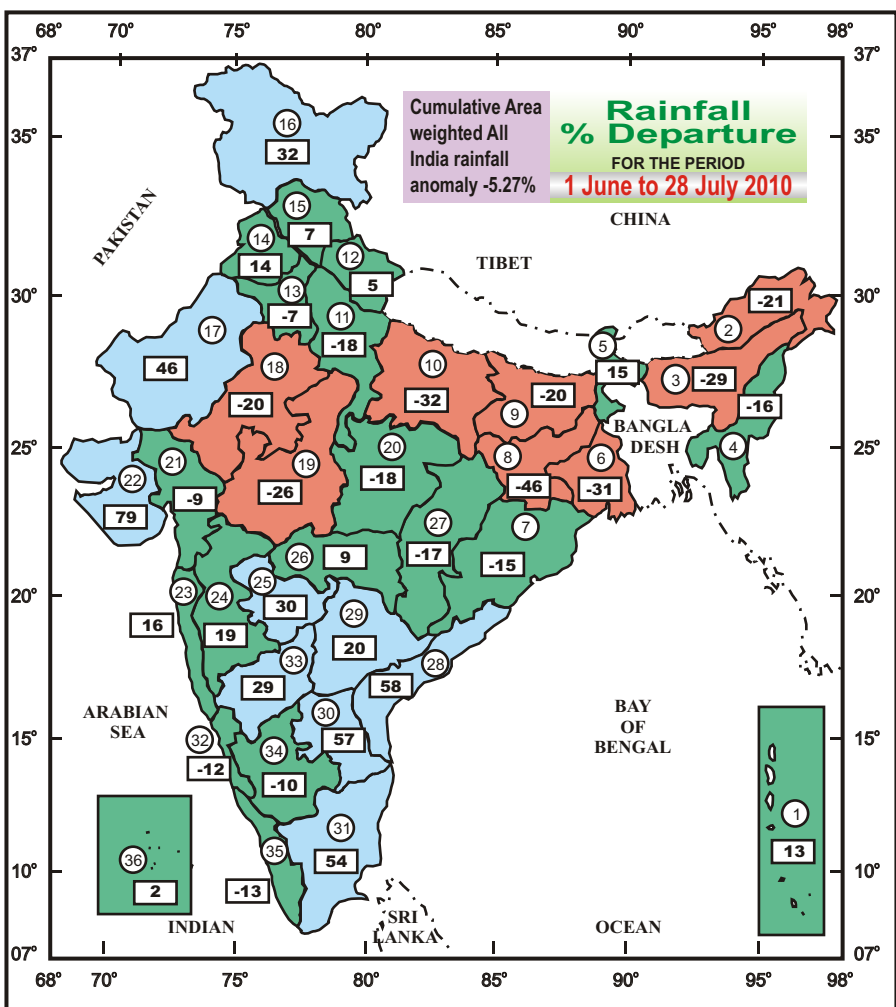


- 1 Andaman & Nicobar Islands
- 2 Arunachal Pradesh
- 3 Assam & Meghalaya
- 4 Naga, Mani, Mizo. & Trip.
- 5 Sub-Himalayan W B & Sikkim
- 6 Gangetic West Bengal
- 7 Orissa
- 8 Jharkhand
- 9 Bihar
- 10 East Uttar Pradesh
- 11 West Uttar Pradesh
- 12 Uttarakhand
- 13 Haryana Chnd. & Delhi
- 14 Punjab
- 15 Himachal Pradesh
- 16 Jammu & Kashmir
- 17 West Rajasthan
- 18 East Rajasthan
- 19 West Madhya Pradesh
- 20 East Madhya Pradesh
- 21 Gujarat Region
- 22 Saurashtra & Kutch
- 23 Konkan & Goa
- 24 Madhya Maharashtra
- 25 Marathwada
- 26 Vidarbha
- 27 Chattisgarh
- 28 Coastal Andhra Pradesh
- 29 Telangana
- 30 Rayalaseema
- 31 Tamil Nadu & Puducherry
- 32 Coastal Karnataka
- 33 North interior Karnataka
- 34 South interior Karnataka
- 35 Kerala
- 36 Lakshadweep



For the week ending 28th July on 2010 (6th Shrawana 1932 Saka)

CHIEF FEATURES : Active / vigorous monsoon conditions prevailed over major parts of the country in association with the formation of a low pressure area over the Bay of Bengal and its west northwestward movement along the monsoon trough.

WEEK'S RAINFALL : Week's rainfall was excess in Andaman & Nicobar Islands, Orissa, Jammu & Kashmir, Rajasthan, east Madhya Pradesh, Gujarat state, Konkan & Goa, Madhya Maharashtra, Vidarbha, Chattisgarh, coastal Andhra Pradesh, Telangana and interior Karnataka and normal in Gangetic West Bengal, Jharkhand, east Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, west Madhya Pradesh, Marathwada, Rayalaseema and coastal Karnataka. It was deficient over the rest of the country outside Tamil Nadu, where it was scanty.

PRINCIPAL AMOUNTS OF RAINFALL (in cms) DURING THE WEEK

- July**
- 22 Roha 27, Cooch Behar 22, Gaganbawada 19, Banbasa 15, Dhar 14, Bulsar 13, Siddapura, Agumbe 12, Katra 11, Chincholi 9, Bahraich, Kollapur 8.
 - 23 Kutch Mandvi, Dahanu 19, Bulsar 17, Gaganbawada 16, Cherrapunji 15, Chepan 14, Maliya 13, Hissar, Londa 10, Paradip 9, Dharmasala 8, Udhampur 7.
 - 24 Ratnagiri, Gaganbawada 21, Titlagarh 11, Sevoke, Nuzvid 10, Narsampet 8, Canning Town, Diamond Harbour, Golaghat, Kohima, Londa 7.
 - 25 Karjat 29, Deesa 21, Ratlam, Mumbai 18, Mahabaleshwar, Venkatapuram 16, Maya Bandar, Jagalbet 11, Raipur, Jamnagar 10, Dharmasala, Chintapalli 9.
 - 26 Mahabaleshwar 29, Damoh 25, Jabalpur, Mandangad, Lava 16, Khanapur 15, Jagalbet, Kammardi 14, Durg 11, Bilaspur, Udaipur 8, Keonjargarh, Wardha 7.
 - 27 Jamnagar 47, Mahabaleshwar 19, Nimbahera 15, Bhira 12, Durg, Agumbe 10, Siddapura 9, Devala, Udaipur 8, Darjeeling, Khanapur 7, Bhagalpur 5.
 - 28 Bhagamandala, Lanja 16, Mahabaleshwar, Katra 15, Radhanagari 14, Sirpur 13, Siddapura 10, Irikkur 9, Devala, Bobbili 8, Khanapur 7, Shimla 4.

SEASON'S RAINFALL (01-06-10 to 28-07-10): Season's rainfall was excess in Jammu & Kashmir, west Rajasthan, Saurashtra & Kutch, Marathwada, Andhra Pradesh, Tamil Nadu and north interior Karnataka. It was normal over the rest of the country outside Arunachal Pradesh, Assam & Meghalaya, Gangetic West Bengal, Jharkhand, Bihar, east Uttar Pradesh, east Rajasthan and west Madhya Pradesh, where it was deficient.

WEATHER AND ASSOCIATED SYNOPTIC FEATURES : (1) A low pressure area formed over the northwest Bay of Bengal and neighbourhood on 24th. It became well marked over Orissa and adjoining northwest Bay of Bengal on 25th. Subsequently, it lay as a low pressure area over northern parts of Madhya Pradesh on 26th, over south Rajasthan and adjoining Gujarat state on 27th; it weakened as an upper air cyclonic circulation extending upto mid tropospheric levels and lay over Saurashtra & Kutch and neighbourhood on 28th. It became less marked on 29th. (2) A cyclonic circulation extending upto mid tropospheric levels lay over the northwest Bay of Bengal and neighbourhood on 27th. Under its influence, a low pressure area formed over the northwest and adjoining west central Bay of Bengal off south Orissa-north Andhra coasts on 28th. (3) The monsoon trough at sea level in general remained south of its normal position and passed through Rajasthan, Madhya Pradesh, Chattisgarh and Orissa, meanwhile passing through the centres of the low pressure area and thence southeastwards to east central Bay of Bengal. It extended up to mid tropospheric levels, tilting southwards with height during 25th-28th. (4) Last week's cyclonic circulation over Gujarat region and neighbourhood lay over the northeast Arabian Sea and adjoining Saurashtra & Kutch on 22nd & 23rd, over north Gujarat state and neighbourhood during 24th-26th and merged with the circulation associated with the low pressure area on 27th. (5) The off shore trough at sea level extended from south Gujarat to Kerala coasts during 22nd-28th. (6) The cyclonic circulation over coastal Andhra Pradesh and neighbourhood lay over south Chattisgarh and neighbourhood on 22nd and became less marked on 23rd. (7) The other cyclonic circulation over west Uttar Pradesh and neighbourhood became less marked on 22nd. (8) Last week's western disturbance over north Pakistan and adjoining Jammu & Kashmir moved away northeastwards across Jammu & Kashmir on 23rd. (9) Another western disturbance as an upper air cyclonic circulation extending up to mid-tropospheric levels lay over north Pakistan and neighbourhood on 23rd and moved away northeastwards across Jammu & Kashmir on 27th. (10) A fresh western disturbance as an upper air cyclonic circulation extending upto mid-tropospheric levels lay over north Pakistan and adjoining Jammu & Kashmir on 27th & 28th.

The southwest monsoon was vigorous on 1 to 3 days in Orissa, Himachal Pradesh, Jammu & Kashmir, west Rajasthan, east Madhya Pradesh, Gujarat state, Chattisgarh, coastal Andhra Pradesh and Telangana and active on 4 to 5 days in Konkan & Goa and interior Karnataka and on 1 to 3 days in Orissa, Uttarakhand, Jammu & Kashmir, Rajasthan, Madhya Pradesh, Gujarat state, Madhya Maharashtra, Marathwada, Vidarbha, Chattisgarh, coastal Andhra Pradesh, Rayalaseema and Kerala. Extremely heavy rain occurred on 1 to 2 days in east Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa and Madhya Maharashtra; very heavy rain occurred on 4 to 6 days in Konkan & Goa, Madhya Maharashtra and on 1 to 3 days in Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Uttarakhand, Jammu & Kashmir, east Rajasthan, west Madhya Pradesh, Gujarat State, Telangana and Karnataka and heavy rain also occurred on 4 to 5 days in Orissa, Chattisgarh and Karnataka and on 1 to 3 days in Andaman & Nicobar Islands, Assam & Meghalaya, West Bengal & Sikkim, east Uttar Pradesh, Haryana, Himachal Pradesh, Jammu & Kashmir, east Rajasthan, west Madhya Pradesh, Gujarat State, Konkan & Goa, Vidarbha, coastal Andhra Pradesh, Telangana, Tamil Nadu and Kerala. Rain or thundershowers occurred on 4 to 7 days in Andaman & Nicobar Islands, Himachal Pradesh, Gujarat Region, Konkan & Goa, coastal Karnataka and Kerala and on 1 to 3 days in Arunachal Pradesh, Gangetic West Bengal, Orissa, Jharkhand, Uttarakhand, Punjab, Jammu & Kashmir, east Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, Vidarbha, Chattisgarh, Andhra Pradesh, interior Karnataka and Lakshadweep; at many places on 4 to 5 days in Assam & Meghalaya, Saurashtra & Kutch, Madhya Maharashtra, north interior Karnataka and Kerala and on 1 to 3 days in Arunachal Pradesh, Nagaland-Manipur-Mizoram-Tripura, Sub-Himalayan West Bengal & Sikkim, Orissa, Jharkhand, Bihar, Uttar Pradesh, Uttarakhand, Haryana, Punjab, Jammu & Kashmir, Rajasthan, Madhya Pradesh, Marathwada, Vidarbha, Chattisgarh, coastal Andhra Pradesh, Telangana, south interior Karnataka and Kerala; at a few places on 4 to 5 days in Arunachal Pradesh, Nagaland-Manipur-Mizoram-Tripura, Orissa, Bihar, east Uttar Pradesh, Rajasthan, east Madhya Pradesh and Telangana and on 1 to 3 days in Andaman & Nicobar Islands, Assam & Meghalaya, West Bengal & Sikkim, Jharkhand, west Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, west Madhya Pradesh, Gujarat Region, Marathwada, Vidarbha, Chattisgarh, coastal Andhra Pradesh, Rayalaseema, Tamil Nadu, interior Karnataka and Kerala and at isolated places on 4 to 6 days in west Uttar Pradesh, Rayalaseema and Tamil Nadu and on 1 to 2 days in Andaman & Nicobar Islands, Assam & Meghalaya, Gangetic West Bengal, Jharkhand, Bihar, east Uttar Pradesh, Uttarakhand, Haryana, Jammu & Kashmir, Madhya Pradesh, coastal Andhra Pradesh and Lakshadweep.

Media Reports : Lightning and rain related accidents claimed 8 lives in Orissa and 1 in Madhya Pradesh. Railway service along the west coast of India was badly affected due to torrential rains.