

GOVERNMENT OF INDIA

भारत मौसम विज्ञान विभाग

INDIA METEOROLOGICAL DEPARTMENT

मौसम विज्ञान केंद्र बेंगलूरु

METEOROLOGICAL CENTRE, BENGALURU

WEEKLY WEATHER REPORT FOR KARNATAKA STATE

WEEK ENDING 11th OCTOBER 2017/ 19th BHADRAPADA 1939 (SAKA)

WEEK'S RAINFALL (DISTRICTWISE) (05.10.2017 TO 11.10.2017)

LARGE EXCESS : Bidar, Kalaburgi, Koppal, Raichur, Vijayapura, Yadgiri, Bengaluru Urban, Bengaluru Rural, Chamarajanagara, Chikaballapura, Kolar, Mandya, Mysuru, Ramanagara, Tumkuru
EXCESS : Udupi, Bagalkote, Chitradurga
NORMAL : Dakshina Kannada, Belagavi, Haveri, Ballari, Davangere, Hassan
DEFICIENT : Uttara Kannada, Gadag, Chikkamangaluru, Kodagu, Shivamogga
LARGE DEFICIENT : Dharwad

PRINCIPAL AMOUNTS OF RAINFALL (in cm):

05.10.2017:

T Narasipura (Mysuru dt), Maddur (Mandya dt) 6 each; Basaralu (Mandya dt), Srinivasapura (Kolar dt), Bengaluru KIAL AP 5 each; Nanjangud (Mysuru dt), Mandya, Hesaraghatta (Bengaluru Urban dt), Nelamangala (Bengaluru Rural dt), Channagiri (Davangere dt), Kanakapura (Ramanagara dt) 4 each; Londa (Belgavi dt) Hayyal (Yadgir dt), Agumbe, Holaluru, Bhadravathi (both Shivamogga dt), Dudda (Hassan dt), Mysuru, Yelandur, MM Hills (both Chamarajanagar dt), KR Pet, Malavalli (both Mandya dt), Kolar, Hiriyyur (Chitradurga dt), Gowribidanur (Chikkaballapura dt), Sira (Tumakuru dt) 3 each; Yellapura, Jagalbet (both Uttara Kannada dt), Shirahatti (Gadag dt), Yedrami (Kalaburgi dt), Saidapur (Yedrami dt), Holenarasipura, Arasikere, CR Patna (all Hassan dt), Chamarajanagar PTO, Chamarajanagar, Bengaluru City, Bengaluru HAL AP, Yelahanka IAF (Bengaluru Urban dt), Hoskote (Bengaluru Rural dt), Hosadurga (Chitradurga dt), Chintamani PTO, Thondebhavi, Gudibande (both Chikkaballapura dt), Chikkanahalli PTO, Bukkapatna, Madhugiri (both Tumakuru dt), Channapatna (Ramanagara dt) 2 each; Banavasi, Haliyal, Kadra (all Uttara Kannada dt), Kalghatgi (Dharwad dt), Shiggaon (Haveri dt), Nargund (Gadag dt), Nalwatwad (Vijayapura dt), Sedam (Kalaburgi dt), Shorapur (Yadgir dt), Shivamogga, Ajjampura (Chikkamagaluru dt), Sravanabelagola (Hassan dt), Kollegal (Chamarajanagara dt), Honakere, Krishnarajasagara (both Mandya dt) GKVK, Anekal (both Bengaluru Urban dt), Chintamani (Chikkaballapura dt), Tiptur, Huliyyurdurga (both Tumakuru dt), Ramanagara 1 each.

06.10.2017:

Bengaluru City 8; Honakere (Mandya dt) 7; Sulepet (Kalaburgi dt), Kollegal (Chamarajanagar dt), Basaralu (Mandya dt), Kolar 6 each; Dharmasthala (Dakshina Kannada dt), Chincholi (Kalaburgi dt), H D Kote (Mysuru dt), Yelandur (Chamarajanagar dt) 5 each; Channapatna (Ramanagar dt), Kushalnagara (Kodagu dt) 4 each; Hallimysore (Hassan dt), Periyapatna, T Narasipura (both Mysuru dt), KR Pet, Srirangapatna (both Mandya dt) 3 each; Mulki (Dakshina Kannada dt), Kota (Udupi dt), Gersoppa (Uttara Kannada dt), Virajpet (Kodagu dt), Agumbe, Anavatti (Shivamogga dt), Mandya, Rayalpadu (Kolar dt), Hosadurga (Chitradurga dt), Chintamani 2 each; Mangaluru (Dakshina Kannada dt), Karkala (Udupi dt), Banavasi (Uttara Kannada dt), Chitaguppa (Bidar dt), Kalgi (Kalaburgi dt), Arasalu (Shivamogga dt), Kottigehara (Chikkamagaluru dt), Chamarajanagar PTO, Chamarajanagara, M M Hills (Chamarajanagara dt), Hunsur (Mysuru dt), Bellur (Mandya dt), Bengaluru HAL AP, Hoskote (Bengaluru Rural dt), Ballari, Chintamani PTO, Ramanagar, Kanakapura (Ramanagar dt) 1 each.

07.10.2017:

Mudubidre (Dakshina Kannada dt) 17; Bevoor (Koppal dt) 12; Siddapura (Udupi dt) 10; Malavalli (Mandya dt) 9; Bharamasagara (Chitradurga dt) 8; Mani (Dakshina Kannada dt), Manki (Uttara Kannada dt), Agumbe, Davangere PTO 7 each; Mulki, Bantwal (both Dakshina Kannada dt), Kundapur (Udupi dt), Ranebennur (Haveri dt), Koppal, Saidapur (Yadgir dt), Lokapur (Bagalkote dt), Tavaragera (Koppal dt), CR Patna (Hassan dt), Chitradurga, Ramanagar, Huliyyurdurga (Tumkuru dt) 6 each; Kota, Kollur (both Udupi dt), Shirali, Tavaregere (Koppal dt), KR Sagara (Mandya dt), Bengaluru HAL AP, Davangere, M M Hills (Chamarajanagara dt) 5 each; Manchikere (Uttara Kannada dt), Shiggaon (Haveri dt), Mahalingapur (Bagalkote dt), Bableshwar (Vijayapura dt), Lingsugur

(Raichur dt), Srirangapatna (Mandya dt), Nanjangud (Mysuru dt) 4 each; Mangaluru, Dharmastala (both Dakshina Kannada dt), Gersoppa (Uttara Kannada dt), Gokak, Yedwad (both Belgavi dt), Hanagal (Haveri dt), Nargund (Gadag dt), Rabkavi, Ilkal (both Bagalkote dt), Narayanapur (Yadgir dt), Kalasa, Koppa (both Chikkamagaluru dt), Hassan, Mandya, H.B.Halli (Ballari dt) 3 each; Panambur, Honnavar, Kumta (Uttara Kannada dt), Hukkeri, Chikkodi (both Belgavi dt), Hirekerur (Haveri dt), Yelburga (Koppal dt), Vijayapura, Alamatti, B.Bagewadi, Nalwatwad (all Vijayapura dt), Yedrami (Kalaburgi dt), Kembhavi (Yadgir dt), Bhagamandala (Kodagu dt), Anavatti (Shivamogga dt), Chikkamagaluru, Mudigere, Kammaradi, Yagati (all Chikkamagaluru dt), Arasikere (Hassan dt), Kudathini (Bellari dt), Hoskote (Bengaluru Rural dt), Nayakanahatti (Chitradurga dt), Pavagada (Tumkuru dt) 2 each; Mangaluru AP, Sulya (Dakshina Kannada dt), Karkala (Udupi dt), Yellapura, Mundagod (both Uttara Kannada dt), Belgavi AP, Haveri, Bellati (Gadag dt), Hidkal Dam (Belgavi dt), Bagalkote, Badami, Hungund, Jamkhandi (all Bagalkote dt), Devarahippargi (Vijayapura dt), Afzalpur, Chittapur, Sedam (all Kalaburgi dt), Hayyal (Yadgir dt), Maski (Raichur dt), Humchadakatte, Arasalu, Bhadravathi (all Shivamogga dt), Balehonnur, Lingadahalli, Tarikere, Linganamakki (all Chikkamagaluru dt), Alur, Arakalgud, Hallimysore, Shraavanabelagola (all Hassan dt), Srinivasapur (Kolar dt), Bengaluru City, Kurugodu, Kampli (both Ballari dt), Thondebhavi (Chikkaballapura dt), Tiptur (Tumakuru dt), Magadi (Ramanagar dt), Kolar, Uchangidurga (Davangere dt) 1 each.

08.10.2017:

Parasurampura (Chitradurga dt) 6; Bengaluru City 5; GVKK (Bengaluru Urban dt), Gowribidanur (Chikkaballapura dt), Bukkapatna (Tumakuru dt) 4 each; Aurad (Bidar dt), Yelandur, MM Hills (both Chamarajanagar dt), Gudibande (Chikkaballapura dt), Pavagada, Sira (both Tumakuru dt) 3 each; Kalaburgi, Raichur, Deodurg (Raichur dt), Ajjampur, Kadur (both Chikkamagaluru dt), Bengaluru KIAL AP, Santhebennur (Davangere dt), Chikkanahalli, Huliurdurga (both Tumakuru dt) 2 each; Karwar, Chincholi, Khajuri, Chittapur (all Kalaburgi dt), Mudgal (Raichur dt), Shivani (Chikkamagaluru dt), Chamarajanagar, Chamarajanagar PTO, Maddur (Mandya dt), Madhugiri, Bargur (both Tumakuru dt) 1 each.

09.10.2017:

Dharmasthala (Dakshina Kannada dt) 6; Jalahalli (Raichur dt), Talikote, Indi (both Vijayapura dt), Chintamani PTO, Pavagada (Tumakuru dt), Channapatna, Kanakapura (both Ramanagar dt) 4 each; Chikkodi (Belgavi dt), Aurad (Bidar dt), Afzalpur, Sedam (both Kalaburgi dt), Kottigehara (Chikkamagaluru dt), M M Hills (Chamarajanagara dt), Bharamasagara (Chitradurga dt) 3 each; B Bagewadi (Vijayapura dt), Rayalpadu (Kolar dt), Thondebhavi, Gudibande (both Chikkaballapura dt), Chikkanahalli (Tumakuru dt), Ramanagar 2 each; Jamakhandi (Bagalkote dt), Vijayapura, Humnabad (Bidar dt), Shorapur, Haliyal (both Yadgir dt), Raichur, Bhagamandala (Kodagu dt), Mudigere (Chikkamagaluru dt), KR Pet (Mandya dt), Kolar, Anekal (Bengaluru Urban dt), Gowribidanur, Srinivasapura (both Chikkaballapura dt) 1 each.

10.10.2017:

Tumakuru 18; Aurad (Bidar dt), Yedrami (Kalaburgi dt), Kolar 9 each; Kalgi (Kalaburgi dt), Hayyal (Yadgir dt), Deodurg (Raichur dt), Bengaluru KIAL AP 7 each; Sedam, Chittapur (both Kalaburgi dt), Raichur, Maski (Raichur dt), Gudibande (Chikkaballapura dt), Madhugiri (Tumakuru dt) 5 each; B.Bagewadi (Vijayapura dt), Shorapur (Yadgir dt), Mudgal (Raichur dt), GVKK (Bengaluru Urban dt), Gowribidanur (Chikkaballapura dt), Huliurdurga, Chikkanahalli (both Tumakuru dt), Chintamani (Chikkaballapura dt) 4 each; Mahalingapur (Bagalkote dt), Vijayapura, Kalaburgi, Sulepet, Chincholi (both Kalaburgi dt), Kembhavi (Yadgir dt), Lingasugur (Raichur dt), Rayalpadu (Kolar dt), Yelahanka IAF (Bengaluru Urban dt), Chintamani PTO 3 each; Yelburga (Koppal dt), Badami, Jamkhandi, Rabkavi (all Bagalkote dt), Saidapur (Yadgir dt), Jalahalli (Raichur dt), Kamalapur (Kalaburgi dt), Hesaraghatta (Bengaluru Urban dt) 2 each; Hidkal Dam, Athani (Belgavi dt), Bidar, Humnabad (Bidar dt), Nelogi (Kalaburgi dt), Narayanpur (Yadgir dt), Srirangapatna (Mandya dt), Bengaluru City, Bengaluru HAL AP, Hoskote, Nelamangala (both Bengaluru Rural dt), Kanakapura (Ramanagar dt) 1 each.

11.10.2017:

MM Hills (Chamarajanagar dt) 12; Nelamangala (Bengaluru Rural dt) 11; Yagati (Chikkamagaluru dt) 6; Indi, Devarahippargi (both Vijayapura dt), Alland, Afzalpur (both Kalaburgi dt), Tarikere (Chikkamagaluru dt), Chamarajanagar PTO, Yelandur (Chamarajanagar dt), Srinivasapura (Kolar dt) 5 each; Shorapur, Saidapur (both Yadgir dt), Kadur (Chikkamagaluru dt), Konanur (Hassan dt), Sargur (Mysuru dt), Chamarajanagar, Kollegal (Chamarajanagar dt), Honakere (Mandya dt), Kolar, Channapatna (Ramanagar dt) 4 each; Ilkal (Bagalkote dt), Vijayapura, Lingasugur, Mudgal (both Raichur dt), Mysuru, Nanjangud (Mysuru dt), Bellur, Malavalli (both Mandya dt), Chintamani PTO, Ramanagar, Magadi (Ramanagar dt) 3 each; Athani (Belgavi dt), Jamkhandi (Bagalkote dt), Bableshwar (Vijayapura dt), Khajuri (Kalaburgi dt), Virajpet (Kodagu dt), Hassan, T Narasipura, Hunsur, H D Kote (all Mysuru dt), Basaralu (Mandya dt), Hesaraghatta farm (Bengaluru Urban dt),

Chintamani (Chikkaballapura dt), Kanakapura (Ramanagar dt) 2 each; Panambur, Kota (Udupi dt), Kumta, Ankola (both Uttara Kannada dt), Savanur (Haveri dt), Bevoor (Koppal dt), Nagathan (Vijayapura dt), Humnabad (Bidar dt), Kalaburgi, Chincholi, Yedrami (both Kalaburgi dt), Deodurg, Maski (both Raichur dt), Napoklu (Kodagu dt), Kottigehara (Chikkamagaluru dt), Arakalgud (Hassan dt), Periyapatna (Mysuru dt), Mandya, KR Sagara, Srirangapatna (both Mandya dt), Bengaluru HAL AP, Anekal (Bengaluru Urban dt), B Durga (Chitradurga dt), Huliurdurga (Tumakuru dt) 1 each.

SEASON'S RAINFALL (DISTRICTWISE) (01.10.2017 TO 11.10.2017):

LARGE EXCESS : Kalaburgi, Raichur, Yadgir, Bengaluru Urba, Bengaluru Rural, Kolar, Mandya
Chamarajanagar, Chikaballapura, Chitradurga, Davengere, Ramanagara,
Tumkur
EXCESS : Bidar, Haveri, Koppal, Vijayapura, Ballari, Mysuru
NORMAL : Dakshina Kannada, Udupi, Uttara Kannada, Bagalkote, Belagvi, Gadag,
Chikkamagaluru, Hassan,
DEFICIENT : Kodagu, Shivamogga
LARGE DEFICIENT: Dharwad

CHIEF SYNOPTIC FEATURES AND ASSOCIATED WEATHER:

The cyclonic circulation over east central Arabian sea & adjoining areas of south Maharashtra & north coastal Karnataka lay over east central Arabian sea off Karnataka - north Kerala coast extending upto 1.5 Km above sea level on 05th. The cyclonic circulation lay as a trough of low at mean sea level over east central Arabian sea off Kerala-Karnataka coasts on 06th. The trough of low at mean sea level lay as a cyclonic circulation over east central Arabian sea off Kerala – Karnataka coasts between 3.1 & 5.8 Km above sea level on 07th. The cyclonic circulation lay over east central Arabian sea between 2.1 & 3.6 Km above sea level on 08th. It was seen between 3.1 & 3.6 Km above sea level on 09th. The cyclonic circulation lay over east central & adjoining south east Arabian sea between 3.1 & 5.8 Km above sea level on 10th. It lay over east central Arabian sea & neighbourhood extending upto 4.5 Km above sea level on 11th.

The cyclonic circulation over Telangana & neighbourhood extending upto 1.5 Km above sea level persisted on 05th. It extended upto 3.8 Km above sea level tilting southwards with height on 06th. It lay over north interior Karnataka & neighbourhood extending upto 2.1 Km above sea level on 07th. The cyclonic circulation lay over north interior Karnataka & adjoining south Madhya Maharashtra & south Konkan extending upto 3.1 Km above sea level on 08th. It lay over Madhya Maharashtra & neighbourhood extending upto 3.6 Km above sea level on 09th & 10th and between 3.1 & 4.5 Km above sea level on 11th.

The east-west shear zone ran roughly along Lat.13.0°North between 3.1 & 4.5 Km above sea level on 05th; between 4.5 & 5.8 Km above sea level on 06th and became less marked on 07th.

A north-south trough at 1.5 Km above sea level ran from the cyclonic circulation over Telangana to south Tamilnadu across Rayalaseema & south interior Karnataka on 06th. The north-south trough at 1.5 Km above sea level ran from cyclonic circulation over north interior Karnataka to south Tamilnadu across Rayalaseema & south interior Karnataka on 07th. It became less marked on 08th.

An east-west trough ran roughly along Lat.17°North at 0.9 Km above sea level on 06th and it became less marked on 08th.

Under the influence of above systems.

Over Coastal Karnataka, South West Monsoon was vigorous on 07th however was weak on 05th, 08th to 10th and was normal on 06th, and 11th October 2017. Rainfall occurred at most places on 07th; at many places on 11th; at a few places on 05th, 06th and 10th and at isolated places on 08th and 09th October 2017.

Over North Interior Karnataka, Southwest monsoon was vigorous on 10th; active on 07th and 11th however was weak on 06th and was normal on 05th, 08th and 09th October 2017. Rainfall occurred at most places on 07th; at many places on 10th and 11th and at a few places over 05th, 06th, 08th and 09th October 2017.

Over South Interior Karnataka, Southwest monsoon was active on 05th to 07th & 11th and was normal on 08th to 10th October 2017. Rainfall occurred at most places on 07th; at many places on 05th, 06th and 11th and at a few places on 08th to 10th October 2017.

Maximum temperatures:

Over **Coastal Karnataka,** they were above normal at a few places on 06th and were normal on rest of the days in the week.

Over **North Interior Karnataka,** they were below normal at a many places on 11th and were normal on rest of the days in the week.

Over **South Interior Karnataka,** they were below normal at a few places and were normal on the rest of the days in the week.

Karwar recorded the highest maximum temperature of **33.4 deg C** on **06th October 2017** in the State.

Minimum temperatures

Over **Coastal Karnataka,** they were normal through out the week.

Over **North Interior Karnataka,** they were above normal at a few places on 06th and were normal on rest of the days in the week.

Over **South Interior Karnataka,** they were above normal at a few places on 05th, 06th and 08th and were normal on rest of the days in the week.

Mysuru recorded the lowest minimum temperature of **19.0 deg C** on **05th October 2017.**

**METEOROLOGICAL CENTRE
PALACE ROAD BENGALURU-01**

**एल रमेश बाबु/ L.RAMESH BABU
एल ए सी डी प्रभारी निदेशक/LACD DIRECTOR-IN-CHARGE**