

भारत सरकार
GOVERNMENT OF INDIA
भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT
मौसम विज्ञान केंद्र बेंगळूरु
METEOROLOGICAL CENTRE, BENGALURU
WEEKLY WEATHER REPORT FOR KARNATAKA STATE
WEEK ENDING 16th AUGUST 2017/ 25th SHRAVANA 1939 (SAKA)

WEEK'S RAINFALL (DISTRICTWISE) (10.08.2017 TO 16.08.2017)

LARGE EXCESS : Gadag, Koppal, Ballari, Bengaluru Rural, Bengaluru Urban, Chamarajanagar, Chikkaballapura, Tumakuru, Mysuru, Ramanagar , Kolar, Mandya
EXCESS : Raichur, Vijayapura, Chitradurga,
NORMAL : Bagalkote, Hassan.
DEFICIENT : Bidar, Kalaburgi, Davangere, Haveri
LARGE DEFICIENT: Dakshina Kannada, Udupi, Uttara kannada, Belagavi, Dharwad, Yadagir, Chikkamagaluru, Kodagu, Shivamogga

PRINCIPAL AMOUNTS OF RAINFALL (in cm):

10.08.2017:

Very Heavy rainfall amounts (in cms) : T Narasipura (Mysuru dt) 12.

Heavy rainfall amounts (in cms) : Kunigal (Tumakuru dt), Magadi (Ramanagar dt) 8 each; Koppal , Maski (Raichur dt), Nelamangala (Bengaluru Rural dt) 7 each.

Chief amounts of rainfall (in cms): Kollegal (Chamarajanagar dt), Rayalpadu (Kolar dt) 6 each; Yelandur (Chamarajanagar dt), Hesaraghatta , GKVK, Yelahanka IAF (all Bengaluru Urban dt), Channapatna , Kanakapura (both Ramanagar dt) 5 each; Mandya, Malavalli (Mandya dt), Gudibande (Chikkaballapura dt) 4 each; Devarhippargi (Vijayapura dt), Raichur, Deodurg (Raichur dt), Sargur (Mysuru dt), Srirangapatna (Mandya dt), Madhugiri (Tumakuru dt) 3 each; Bantwal (Dakshina Kannada dt), Karwar, Kerur (Bagalkote dt), B.Bagewadi (Vijayapura dt) Lingasugur (Raichur dt), Talaguppa, Holalur (both Shivamogga dt), NR Pura (Chikkamagaluru dt), Sravanabelagola (Hassan dt), Chamarajanagar, Thondebhavi, Gowribidanur (both Chikkaballapura dt), Ramanagar 2 each; Belthangadi, Dharmasthala (both Dakshina Kannada dt), Kundapur (Udupi DT), Shirali, Manki, Ankola, Kadra (all Uttara Kannada dt), Bevoor, Kushtagi , Tavaregera (all Koppal PTO dt), Mahalingapur (Bagalkote dt), Chincholi (Kalaburgi dt), Shorapur, Gurumitkal (both Yadgir dt), Mudgal (Raichur dt), Agumbe, Humchadakatte (Shivamogga dt), Mysuru, HD Kote (Mysuru dt), Chamarajanagar, MM Hills (Chamarajanagar dt), Basaralu (Mandya dt), Bengaluru City , Bengaluru KIAL AP , Anekal , Yelahanka TC (both Bengaluru Urban dt), Hoskote (Bengaluru Rural dt), Davangere, Uchangidurga (Davangere dt), B Durga (Chitradurga dt), Chintamani (Chikkaballapura dt), Tumakuru 1 each.

11.08.2017:

Chief amounts of rainfall (in cms): Shirali 5; Honnavar, Gowribidanur (Chikkaballapura dt) 3 each; Aurad (Bidar dt), Bidar 2 each; Kundapur (Udupi dt), Chittapur (Kalaburgi dt), Mudgal (Raichur dt), Hesaraghatta (Bengaluru Urban dt), Bengaluru HAL AP, Thondebhavi (Chikkaballapura dt), Tumakuru, Bukkapatna, Sira, Pavagada (all Tumakuru dt) 1 each.

12.08.2017:

Very heavy rainfall amounts (in cms): Agumbe 16.

Heavy rainfall amounts (in cms): Sringeri (Chikkamagaluru dt) 9; Ankola (Uttara Kannada dt), Karwar, Madikeri, Kottigehara, Kammaradi (both Chikkamagaluru dt) 7 each.

Other chief amounts of rainfall (in cms): Kalasa (Chikkamagaluru dt) 6; Gersoppa (Uttara Kannada dt), Lokapur (Bagalkote dt), Chincholi (Kalaburgi dt), Bhagamandala (Kodagu dt), Linganamakki (Shivamogga dt), Koppa, Balehonnur (both Chikkamagaluru dt) 5 each; Dharmasthala, Sulya (both Dakshina Kannada dt), Yedwad (Belgavi dt), Nargund (Gadag dt), Talaguppa (Shivamogga dt), Hoskote (Bengaluru Rural dt), HB Halli, Kudathini (both Ballari dt) 4 each; Mangaluru, Mudubidre, Panambur (all Dakshina Kannada dt), Kota (Udupi dt), Vijayapura, Madapura (Kodagu dt), Thyagarthi, Bhadravathi (both Shivamogga dt), Chintamani (Chikkaballapura dt) 3 each; Mangaluru AP, Mani (Dakshina Kannada dt), Honnavar, Kalaburgi, Ramdurga (Belgavi dt), Napoklu, Ponnampet, Virajpet (all Kodagu dt), Shivamogga, Hosanagar (Shivamogga dt), NR Pura (Chikkamagaluru dt), Bengaluru City, Bengaluru HAL AP, Nelamangala (Bengaluru Rural dt), Channagiri, Santhebennur (both Davangere dt), Shidlaghatta (Chikkaballapura dt), Tiptur, Madhugiri (both Tumakuru dt) 2 each; Bantwal (Dakshina Kannada dt), Shirali, Kadra (Uttara Kannada dt), Gadag, Mundargi (Gadag dt), Bableshtar, Indi (both Vijayapura dt), Chitaguppa (Bidar dt), Mudgal (Raichur dt), Somawarpet (Kodagu dt), Humchadakatte, Holalur (both Shivamogga dt), Ajjampura (Chikkamagaluru dt), Sakaleshpura, Arakalgud (both Hassan dt), Hassan, HD Kote (Mysuru dt), Basaralu (Mandya dt), Kolar, Bengaluru KIAL AP, Ballari, B Durga, Hosadurga, Hiriyyur (all Chitradurga dt), Chintamani PTO, GKVK (Bengaluru Urban dt) 1 each.

13.08.2017:

Chief amounts of rainfall (in cms): Manki (Uttara Kannada dt) 2; Gadag, B.Bagewadi (Vijayapura dt), Chincholi, Sedam (both Kalaburgi dt) 1 each.

14.08.2017:

Chief amounts of rainfall (in cms): Honnavar 3; Kumta (Uttara Kannada dt), Bidar 1 each.

15.08.2017:

Very Heavy rainfall amounts (in cms) : Bengaluru HAL AP 14; Bengaluru City, Mandya 13 each.

Heavy rainfall amounts (in cms) : Agumbe , Srirangapatna (Mandya dt) 11 each; Anekal (Bengaluru Urban dt), Huliyyurdurga (Tumakuru dt), Ramanagar, Kanakapura (Ramanagar dt) 7each;

Chief amounts of rainfall (in cms): T Narasipura (Mysuru dt), Yelandur (Chamarajanagar dt), Malavalli (Mandya dt) 4 each; Begur, Kollegal (Chamarajanagar dt), KR Sagara (Mandya dt) 3 each; Koppa (Chikkamagaluru dt), Hassan , Mysuru 2 each; Vijayapura, Kamalapur (Kalaburgi dt),H.D.Kote (Mysuru dt), Chamarajanagar, Chamarajanagar PTO, Honakere (Mandya dt), Bengaluru KIAL AP, Hoskote (Bengaluru Rural dt), Magadi 1 each.

16.08.2017:

Chief amounts of rainfall (in cms): Kamalapur (Kalaburgi dt), Chamarajanagar PTO, Kunigal (Tumakuru dt) 5; T Narasipura (Mysuru dt), Chamarajanagar, KR Sagara, Bellur, Honakere (all Mandya dt), Nelamangala (Bengaluru Rural dt), Ramanagar, Kanakapura (Ramanagar dt) 4 each; Mangaluru AP, Shiggaon (Haveri dt), Kukanoor (Koppal dt), Jamkhandi (Bagalkote dt), Agumbe, Dudda (Hassan dt), Mysuru Yelandur (Chamarajanagar dt), Basaralu (Mandya dt), Bengaluru City, Channapatna (Ramanagar dt) 3 each; Kalghatgi (Dharwad dt), Savanur, Ranebennur (both Haveri dt), Madikeri, CR Patna (Hassan dt) HD Kote, Sargur (both Mysuru dt), Kollegal (Chamarajanagar dt), Mandya, Malavalli (Mandya dt), Bengaluru HAL AP, Hoskote (Bengaluru Rural dt), Kampli (Ballari dt), B Durga (Chitradurga dt) Huliyurdurga (Tumakuru dt), Magadi (Ramanagar dt) 2 each; Mulki, Belthangadi, Sulya (all Dakshina Kannada dt), Karkala, Kota (both Udupi dt), Mundagod (Uttara Kannada dt), Kundgol (Dharwad dt), Haveri, Gadag, Shirahatti, Nargund (both Gadag dt), Bhagamandala (Kodagu dt), Sringeri (Chikkamagaluru dt), Hassan, Konanur, Alur, Sravanabelagola (all Hassan dt), H.B. Halli (Ballari dt), Srirangapatna (Mandya dt), Anekal (Bengaluru Urban dt), Sira (Tumakuru dt) 1 each.

SEASON'S RAINFALL (DISTRICTWISE) (01.06.2017 TO 16.08.2017):

EXCESS : Mandya, Koppal

NORMAL : Udupi, Belgavi, Kalaburgi, Vijayapura, Ballari, Bengaluru Rural, Bengaluru Urban, Chamarajanagara, Chitradurga, Kolar, Mysuru, Ramanagara.

DEFICIENT : Dakshina Kannada, Uttara Kannada, Bagalkote, Bidar, Dharwad, Gadag, Haveri, Raichur, Yadgir, Chikkaballapura, Chikkamagaluru, Davangere, Hassan, Kodagu, Shivamogga, Tumkuru.

CHIEF SYNOPTIC FEATURES AND ASSOCIATED WEATHER:

A trough at mean sea level ran from Telangana to Comorin area across Rayalaseema, interior Tamilnadu & south interior Karnataka extending upto 1.5 Km above sea level on 10th. The trough ran from coastal Andhra Pradesh to Gulf of Mannar across coastal Tamilnadu extending upto 0.9 Km asl on 11th. It ran from Rayalaseema to Gulf of Mannar across south interior Karnataka extending upto 0.9 Km above sea level on 12th. The trough at mean seal level from Rayalaseema to Gulf of Mannar was seen as a upper air cyclonic circulation over coastal Tamilnadu & neighbourhood extending upto 0.9 Km above sea level on 13th. The upper air cyclonic circulation over coastal Tamilnadu & neighbourhood lay over south coastal Tamilnadu & neighbourhood extending upto 0.9 Km above sea level on 14th. It became less marked on 15th.

The upper air cyclonic circulation over Lakshadweep area & neighbourhood between 5.8 & 7.6 Km above sea level persisted on 10th. It lay over southeast Arabian sea & adjoining north Kerala & south Karnataka coast between 3.1 & 4.5 Km above sea level on 11th. It lay over east central Arabian sea off Maharashtra coast between 4.5 & 5.8 Km above sea level on 12th. It became less important on 13th.

An upper air cyclonic circulation lay over southwest Bay of Bengal off north Tamilnadu – south Andhra Pradesh coasts between 1.5 & 3.1 Km above sea level on 13th. It became less marked on 14th.

A north-south trough at mean sea level ran from Rayalaseema to south Tamilnadu extending upto 0.9 Km above sea level on 15th. It ran from Telangana to south coastal Tamilnadu across south interior Karnataka extending upto 0.9 Km above sea level on 16th.

An east-west shear zone ran roughly along latitude 10° North between 3.6 & 7.6 Km above mean seal level on 15th and along latitude 11° North between 5.8 & 7.6 Km above mean seal level on 16th.

Under the influence of above systems.

Over Coastal Karnataka, South West Monsoon was Weak on 10th to 11th and 13th to 16th .Rainfall occurred at most places on 10th and 12th ;at many places on 16th ;at a few places on 11th ,14th and at isolated places on 13th and 15th August 2017.

Over North Interior Karnataka, Southwest monsoon was Active on 10th however was Weak on 11th ,13th to 15th August 2017. Rainfall occurred at many places on 10th and 16th ; at a few places on 11th to 13th and at a isolated places on 14th and 15th August 2017..

Over South Interior Karnataka, Southwest monsoon was Active on 10th and 12th However was Weak on 11th and 13th. Rainfall occurred at most places on 12th ;at many places on 10th and 16th ; at a few places on 11th and 15th ; and isolated places on 13th and 14th August 2017.

**_METEOROLOGICAL CENTRE
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