

**भारत सरकार**  
**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 18<sup>TH</sup> APRIL 2018/ 28<sup>TH</sup> CHAITRA 1939 (SAKA)**

**WEEK'S RAINFALL (DISTRICTWISE) (12.04.2018 TO 18.04.2018)**

<b>LARGE EXCESS</b>	: Dakshina Kannada, Uttara Kannada, Bagalkote, Belgavi, Bidar, Gadag, Haveri, Kalaburgi, Vijayapura, Chikkamagaluru, Davangere, Kodagu, Mandya, Shivamogga
<b>EXCESS</b>	: Dharwad, Mysuru
<b>NORMAL</b>	: Koppal, Raichur, Yadgir
<b>DEFICIENT</b>	: Ballari, Hassan, Ramanagar
<b>LARGE DEFICIENT</b>	: Udupi, Bengaluru Urban, Chamarajanagar, Chitradurga, Tumakuru
<b>NO RAIN</b>	: Bengaluru Rural, Kolar, Chikkaballapura,

**PRINCIPAL AMOUNTS OF RAINFALL (in cm):**

**12.04.2018:**

Vijayapura 6; Dabka (Bidar dt) 4; Haveri APMC, Badami (Bagalkote dt), Talaguppa (Shivamogga dt), Koppa (Chikkamagaluru dt) 3 each; Madikeri, Napoklu (Kodagu dt) 2 each; Yelburga (Koppal dt), Devarahippargi (Vijayapura dt) Kalaburgi, Chittapur, Sulepet, Sedam (all Kalaburgi dt), Humchadakatte (Shivamogga dt), Sringeri, Kalasa, Mudigere, Jayapura, Balehonnur (all Chikkamagaluru dt) 1 each.

**13.04.2018:**

Thyagarthi (Shivamogga dt) 6; Subrahmanya (Dakshina Kannada dt) 4; Sulya (Dakshina Kannada dt) Madikeri 3 each; Bhagamandala, Napoklu (both Kodagu dt), Konanur (Hassan dt) 2 each; Kushalnagara, Madapura, Virajpet (all Kodagu dt), Humchadakatte (Shivamogga dt), Mudigere, NR Pura (both Chikkamagaluru dt), Belur, Arasikere (both Hassan dt), Begur (Chamarajanagar dt), Tiptur (Tumakuru dt) 1 each.

**14.04.2018:**

Jayapura, Koppa (both Chickmangaluru dt) 5 each; Hidkal Dam (Belgavi dt), Anavatti (Shivamogga dt) 4 each; Hirekerur (Haveri dt), Yedrami (Kalaburgi dt) 3 each; Kiravatti, Haliyal (both Uttara Kannada dt), Khanapur (Belgavi dt), Balehonnur (Chikkamagaluru dt) 2 each; Banavasi (Uttara Kannada dt), Gadag, Gadag AWS, Talaguppa (Shivamogga dt), Shivamogga, Sringeri, Kammaradi (both Chikkamagaluru dt), Davangere PTO 1 each.

**15.04.2018:**

Puttur (Dakshina Kannada dt) 4; Subramanya (Dakshina Kannada dt), Kajuri (Kalaburgi dt) 3 each; Mani (Dakshina Kannada dt), Chincholi (Kalaburgi dt), Mudigere (Chickmangaluru dt) 2 each; Sulya (Dakshina Kannada dt), Belur (Hassan dt) 1 each.

**16.04.2018:**

Bidar PTO, Bidar 5 each; Gokak (Belgavi dt), Kundargi ARG (Bagalkote dt) 4 each; Subrahmanya (Dakshina Kannada dt), Kanabargi AWS, Athani ARG, Sankeshwar (all Belgavi dt), Kaginele ARG, Savanur, Hosaritti ARG, Ranebennur (all Haveri dt), Bellatti, Shirahatti (both Gadag dt), Rabkavi (Bagalkote dt), Napoklu, Somawarpet (both Kodagu dt) 3 each; Dharmasthala (Dakshina Kannada dt), Kiravatti (Uttara Kannada dt), Belgavi AP, Hukkeri, Arabhavi ARG, Athani (all Belgavi dt), Shiggaon (Haveri dt), Badami, Jamkhandi (both Bagalkote dt), B.Bagewadi, Indi (both Vijayapura dt), Chikkamagaluru 2 each; Belthangadi (Dakshina Kannada dt), Bailhongal, Chikkodi (both Belgavi dt), Dharwad, Kundgol (Dharwad dt), Haveri APMC, Alamatti, Talikote (both Vijayapura dt), Humchadakatte (Shivamogga dt), Bhagamandala (Kodagu dt), Sringeri, Jayapura (both Chikkamagaluru dt), Davangere 1 each.

**17.04.2018:**

Yelahanka TC (Bengaluru Urban dt) 4; Sargur (Mysuru dt), Maddur (Mandya dt), Davangere PTO 3 each; Panambur, Mysuru, Nanjangud, T Narasipura (both Mysuru dt), Mandya, Malavalli (Mandya dt), Channapatna (Ramanagar dt) 2 each; Mangaluru AP, Shirahatti (Gadag dt), Kalasa (Chikkamagaluru dt), CR Patna (Hassan dt), KR Sagara, Srirangapatna (both Mandya dt), Bengaluru City, GKVK (Bengaluru Urban dt), Ramanagar 1 each.

**18.04.2018:**

Jamkhandi (Bagalkote dt) 4; Athani (Belgavi dt), Khajuri, Afzalpur, Raddewadgi ARG, Kamalapur (all Kalaburgi dt), Kalaburgi 2 each; Mangaluru AP, Kiravatti (Uttara Kannada dt), Londa, Athani ARG (both Belgavi dt), Hubballi (Dharwad dt), Lokapur, Kundargi ARG (both Bagalkote dt), Indi (Vijayapura dt), Bhagamandala, Napoklu (both Kodagu dt), Sringeri (Chikkamagaluru dt) 1 each.

**SEASON'S RAINFALL (DISTRICTWISE) (01.03.2018 TO 18.04.2018):**

**LARGE EXCESS** : Dakshina Kannada, Udupi, Uttara Kannada, Bagalkote, Belgavi, Bidar, Dharwad, Gadag, Haveri, Kalaburgi, Koppal, Vijayapura, Bengaluru Rural, Bengaluru Urban, Chikkaballapura, Chikkamagaluru, Chitradurga, Davanagere, Hassan, Kolar, Kodagu, Mandya, Mysuru, Shivamogga  
**EXCESS** : Yadgir, Ramanagara, Tumakuru  
**NORMAL** : Raichur, Chamarajanagar  
**LARGE DEFICIENT** : Ballari

**CHIEF SYNOPTIC FEATURES AND ASSOCIATED WEATHER:**

The trough in easterlies at 0.9 Km above mean sea level from Comorin area to south interior Karnataka ran from south Tamilnadu to north interior Karnataka across south interior Karnataka on 12<sup>th</sup>. It ran from the cyclonic circulation over Comorin area & neighbourhood to North interior Karnataka across interior Tamilnadu, Kerala and south interior Karnataka extending upto 1.5 Km above mean sea level on 13<sup>th</sup>. The trough in easterlies became less marked on 19<sup>th</sup>.

A trough of low at mean sea level lay over southwest Bay of Bengal & adjoining Srilanka on 12<sup>th</sup>. It lay over Comorin area & neighbourhood with a cyclonic circulation aloft extending upto 1.5 Km above mean sea level on 13<sup>th</sup>. The trough of low at mean sea level over Comorin area & neighbourhood lay over Maldives area & neighbourhood with the cyclonic circulation aloft extending upto 1.5 Km above mean sea level on 14<sup>th</sup>. The trough of low at mean sea level lay over Maldives-Lakshadweep area with the cyclonic circulation aloft extending upto 1.5 Km above mean sea level on 15<sup>th</sup>. It lay over equatorial Indian ocean & adjoining southeast Arabian sea with the cyclonic circulation aloft extending upto 1.5 Km above mean sea level on 16<sup>th</sup>. The trough of low at mean sea level with the cyclonic circulation aloft extending upto 1.5 Km above mean sea level lay over Equatorial Indian ocean & adjoining southwest Arabian sea on 17<sup>th</sup>. It moved away westwards on 18<sup>th</sup>.

A north-south wind discontinuity at 0.9 Km above mean sea level ran from south interior Karnataka to south Kerala on 14<sup>th</sup>. It became less marked on 15<sup>th</sup>.

A trough at 1.5 Km above mean sea level ran from the cyclonic circulation over southwest Madhya Pradesh & neighbourhood to north interior Karnataka across Madhya Maharashtra & Marathwada on 14<sup>th</sup>. It merged with the trough from west Rajasthan to coastal Karnataka on 15<sup>th</sup>.

A cyclonic circulation at 1.5 Km above mean sea level lay over interior Karnataka & adjoining Rayalaseema on 16<sup>th</sup>. It became less marked on 17<sup>th</sup>.

A north-south wind discontinuity ran from north Madhya Maharashtra to interior Tamilnadu across interior Karnataka at 0.9 Km above mean sea level on 16<sup>th</sup>. It ran from north Madhya Maharashtra to Rayalaseema across north interior Karnataka on 17<sup>th</sup> and from Rayalaseema to south Tamilnadu at 0.9 Km above mean sea level on 18<sup>th</sup>.

A trough of low at mean sea level lay over Equatorial Indian ocean & adjoining southwest Bay of Bengal off south Srilanka coast on 17<sup>th</sup>. It lay over Comorin-Maldives area with embedded cyclonic circulation extending upto 1.5 Km above mean sea level on 18<sup>th</sup>.

A cyclonic circulation extending upto 0.9 Km above mean sea level lay over north Kerala & neighbourhood on 17<sup>th</sup> and it became less marked on 18<sup>th</sup>.

**Under the influence of above systems:**

**Over Coastal Karnataka**, rainfall occurred at a few places from 13<sup>th</sup> to 16<sup>th</sup> and at isolated places on 12<sup>th</sup> & 17<sup>th</sup> April 2018.

**Over North Interior Karnataka**, rainfall occurred at many places over 16<sup>th</sup>; at a few places on 14<sup>h</sup> & 18<sup>th</sup> and at isolated places on the remaining days of the week.

**Over South Interior Karnataka**, rainfall occurred at a few places on 17<sup>th</sup> and at isolated places on the remaining days of the week.

**Maximum temperatures**

Over **Coastal Karnataka**, they were above normal at many places on 12<sup>th</sup>, 13<sup>th</sup> & 17<sup>th</sup>; at a few places on 15<sup>th</sup> and were normal on the remaining days of the week.

Over **North Interior Karnataka**, they were below normal at many places on 12<sup>th</sup>, 13<sup>th</sup> & 17<sup>th</sup>; at a few places on 14<sup>th</sup> being appreciably so at a few places on 12<sup>th</sup>, 16<sup>th</sup> and were normal on the remaining days of the week.

Over **South Interior Karnataka**, they were above normal at one or two places on 12<sup>th</sup> and were normal on the remaining days of the week.

**Kalaburgi** recorded highest maximum temperature of **41.4 deg C** on **18<sup>th</sup> April 2018** in the State.

**METEOROLOGICAL CENTRE  
PALACE ROAD, BENGALURU-01**

**डॉ। गीता अग्निहोत्री / Dr.GEETA AGNIHOTRI  
प्रभारी निदेशक / DIRECTOR-IN-CHARGE**

**Squall Report:**

Bengaluru city experienced squall, wind speed reaching 44 kmph from Southeasterly direction at 1915 Hrs IST on 16.04.2018.

**Hailstorm Report:**

Parts of Bengaluru city experienced hailstorm on 16.04.2018.