

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 20TH APRIL 2016/ 01ST VAISHAKA 1938 (SAKA)

WEEK'S RAINFALL (DISTRICTWISE) (14.04.2016 TO 20.04.2016):

EXCESS : Hassan.
NORMAL : Dakshina Kannada, Bidar.
DEFICIENT : Chikaballapura, Kodagu, Mandya, Mysuru.
SCANTY : Dharwad, Kalaburgi, Vijayapura, Ballari, Chamarajanagar, Chitradurga, Chikkamagaluru, Davangere, Shivamogga, Tumakuru.
NO RAIN : Udupi, Uttara Kannada, Bagalkote, Belagavi, Gadag, Haveri, Koppal, Raichur, Yadgir, Bengaluru Rural, Bengaluru Urban, Kolar, Ramanagara.

PRINCIPAL AMOUNTS OF RAINFALL (in cm):

14.04.2016:

STATE NIL.

15.04.2016:

Maddur 2; Gowribidanur 1.

16.04.2016:

Alur 9; Hassan 7; Subramanya 5; Dharmasthala, Sulya, Kottigehara 2 each; Belthangady, Puttur, Chitaguppa, Tiptur, Mudigere 1 each.

17.04.2016:

Napolklu 4; Kadur, Halebeedu, Hassan 2 each; Alur, Shivani 1 each.

18.04.2016:

T. Narasipura 2; H D Kote 1.

19.04.2016 & 20.04.2016

STATE: NIL.

SEASON'S RAINFALL (DISTRICTWISE) (01.03.2016 TO 20.04.2016):

EXCESS : Bidar.
NORMAL : Bagalkote, Gadag, Kalaburgi, Vijayapura, Hassan.
DEFICIENT : Dakshina Kannada, Belagavi, Dharwad, Haveri, Bengaluru Rural, Bengaluru Urban, Chikkamagaluru, Kodagu, Mysuru.
SCANTY : Uttara Kannada, Raichur, Yadgir, Ballari, Chamarajanagar, Mandya, Chikaballapura, Chitradurga, Davangere, Ramanagara, Shivamogga, Kolar, Tumakuru.
NO RAIN : Udupi, Koppal.

CHIEF SYNOPTIC FEATURES AND ASSOCIATED WEATHER:

Bidar has recorded highest maximum temperature of 43.0 deg C on 14th April 2016 which is the highest ever recorded for the month of April.

Chitradurga has recorded highest maximum temperature of 40.3 deg C on 15th April 2016 which is the highest ever recorded for the month of April during last 123 years.

Belagavi Airport has recorded highest maximum temperature of 40.1 deg C on 16th April 2016 which is the highest ever recorded for the month of April during last 63 years.

An upper air cyclonic circulation lay over Lakshadweep area and neighbourhood and extended upto 0.9 km above sea level on 16th and became less marked on 17th.

An upper air cyclonic circulation lay over Marathawada & neighbourhood and extended upto 1.5 km above sea level on 19th & it lay over North Interior Karnataka & neighbourhood and extended upto 2.1 km above sea level on 20th.

Last week's trough from South Vidarbha to Lakshadweep area ran from Marathawada to Comorin area across Interior Karnataka & Interior Tamilnadu and extended upto 0.9 km above sea level on 14th and it was seen as an upper air cyclonic circulation over Interior Karnataka & adjoining Marathawada and extended upto 1.5 km above sea level on 15th with an associated trough extending upto Comorin area across Interior Karnataka & Interior Tamilnadu upto 0.9 km above sea level. The Cyclonic circulation became less marked on 16th; however the trough persisted there from 16th to 18th and became less marked on 19th.

A trough extended from North Interior Karnataka to Comorin area across South Interior Karnataka & Interior Tamilnadu and extended upto 0.9 km above sea level on 20th April 2016.

A trough of low at mean sea level lay over equatorial Indian Ocean & adjoining Southeast Arbaian sea on 19th & 20th.

Under the influence of above systems, over Coastal Karnataka, rainfall occurred at a few places on 16th April and dry weather prevailed on the remaining days of the week. **Over North Interior Karnataka,** rainfall occurred at isolated places on 16th, 17th & 19th April and dry weather prevailed on the remaining days of the week. **Over South Interior Karnataka,** rainfall occurred at isolated places from 15th to 18th April and dry weather prevailed on the remaining days of the week.

Temperatures:

Over **Coastal Karnataka,** maximum temperatures were above normal at most places on 16th & 20th; at many places on 17th Apr and at a few places on the remaining days of the week.

Over **North Interior Karnataka** maximum temperatures were above normal at most places from 14th to 18th being appreciably so at a few places on 15th, 16th, 18th and above normal at many places on the remaining days of the week.

Over **South Interior Karnataka,** maximum temperatures were above normal at most places from 15th to 20th being appreciably so at many places on 16th & 18th and appreciably so at a few places on 15th & 20th and above normal at many places on 14th Apr.

Kalaburgi has recorded the highest maximum temperature of **43.9 deg C on 15th & 18th April 2016** in the State during the week.

**Dr.GEETA AGNIHOTRI
DIRECTOR-IN-CHARGE**