UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
GRAMIN KRISHI MAUSAM SEWA(GKMS)
AMFU OF IMD, BENGALURU

AGROMET ADVISORY BULLETIN

Date: 01.12.2017

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Kolar district

Weather forecast (Valid from 02nd December to 6th December 2017)

Forecast summary:

Parameters	02.12.17	03.12.17	04.12.17	05.12.17	06.12.17
Rainfall (mm)	5	5	3	5	3
Max Temp Trend (°C)	27	28	27	28	28
Min Temp Trend (°C)	16	17	17	18	19
Total cloud cover (octa)	7	7	8	8	8
Relative humidity (%)Max	95	98	86	97	92
Relative humidity (%)Min	73	60	47	71	76
Wind speed(Km/hr)	15	8	4	12	14
Wind Direction (Degrees)	90	90	70	130	330

Light rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 27.0-28.0°C and Minimum of 16.0-19.0°C. Relative humidity 86-98 % during morning hrs and 47-76 % during noon is expected. Wind speed is 4-15 km/hr.

Weather Based Agro Advisories

Crop information and Crop Stages of the major Kharif/Rabi crops

District	*Kharif crops*			*Horticulture crops*	
Bangalore (U)	Groundnut	Redgram	Maize	Grape	Mango
	-	PF,M	H	-	-

G: Germination, **S**: Sowing, **EV**: Early vegetative, **VG**: Vegetative growth, TR: Transplanting, **PI**: Peg initiation, **FLI**: Flag leaf initiation, **F:** Flowering, **PF**: Pod formation, **PM**: Pod Maturity, T: Tillering,, Ts: Taselling, **E**: Ear head emergence, **GF**: Grain filling, **H**: Harvesting **IBI**: Inflorescence Bud initiation , **PP(V)**: Pod Picking Vegetable , F& FS: Flowering to fruit setting, **FD**: Fruit Development, **H:** Harvesting, **M**: Maturation, B: Branching

Agromet Advisory:

Crop		Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop				
Rabi crops	➢ Jyeshta rainstar starts from December 3nd and remains upto December 15th. The normal rainfall of Jyeshta rainstar is 6.9 mm. ➢ Severe Cyclonic Storm 'OCKHI'over Southeast Arabian Sea and Cyclone Warning for Tamil nadu , Kerala and southern parts of Karnataka receiving light to moderate rainfall . ➢ Postpone the harvesting, sun drying and winnowing of Kharif crop like Ragi, Maize and Groundnut in next couple of days. ➢ Postpone the spraying operation in horticultural crops due to moderate rainfall and high wind speed. ➢ Deep ploughing is recommended for mango orchard to minimize the pest and disease incidence in next seasons. ➢ Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. ➢ The shoots/branches touching ground may be thinned and ground clearance of the canopy main field to prevent the incidence of pests and disease.			
	➢ The following crops are suggested for Rabi crops sowing in this month ➢ Recommended for short duration crops like cowpea (KBC-1, TVX-944 and PKB-4) Sunflower: Morden, KBSH-1, 41, 44 & 52 and Niger: KBN-1, No-71.On black soils Bengal gram (Annigeri-1, J.J-11, KAK-2, Vishal) Field bean (Avare) : HA-1,3 and 4			
Animal Husbandry				
	➢ To control of UJI fly, use nylon mess to control of entering to sericulture unit. ➢ Use recommended chemical to control of UJI fly.			

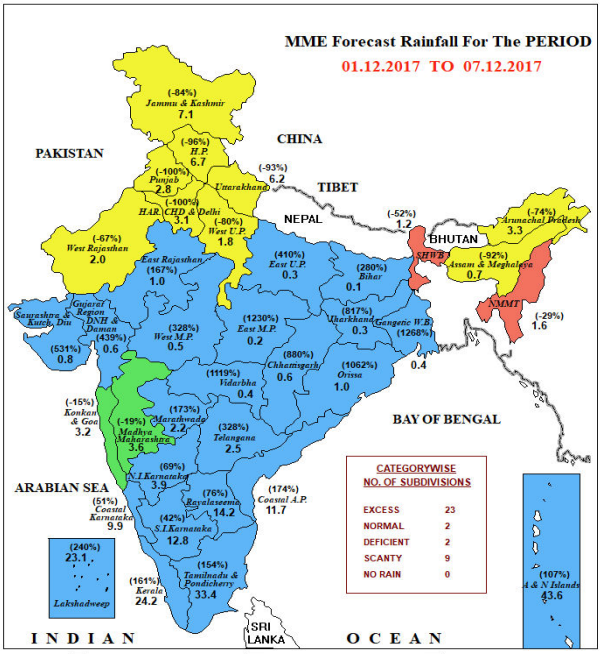
AMFU of IMD
Bengaluru

Extended Range Forecast System

Rainfallforecastmaps for the next 2 weeks (IC –29November)

(1st to 14th December2017)

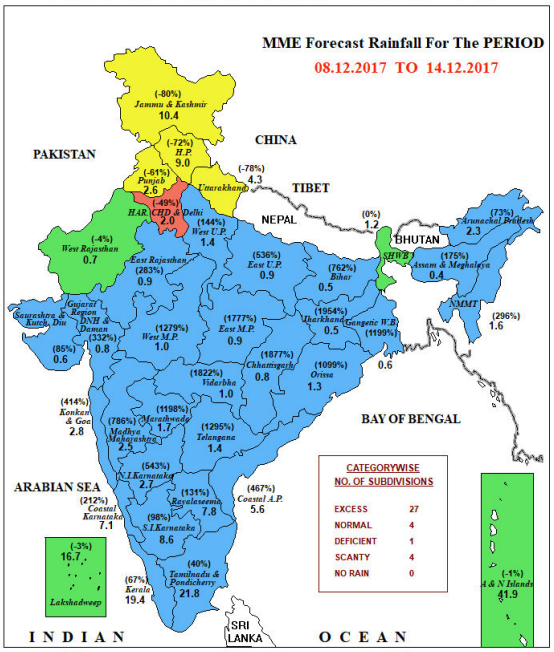
भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT



LEGEND: EXCESS (+20% OR MORE) | NORMAL (+19% TO -19%) | DEFICIENT (-20% TO -59%) | SCANTY (-60% TO -99%) | NO RAIN (-100%) | NO DATA

NOTES:
(a) Rainfall figures are based on MME Forecast.
(b) Bold figures indicate Forecast Normal rainfall (mm.)
(c) Percentage Departures of Rainfall are shown in Brackets.

भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT



LEGEND: EXCESS (+20% OR MORE) | NORMAL (+19% TO -19%) | DEFICIENT (-20% TO -59%) | SCANTY (-60% TO -99%) | NO RAIN (-100%) | NO DATA

NOTES:
(a) Rainfall figures are based on MME Forecast.
(b) Bold figures indicate Forecast Normal rainfall (mm.)
(c) Percentage Departures of Rainfall are shown in Brackets.