



Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara
E mail: kauagmet@yahoo.co.in, cohagmet@kau.in

THRISSUR

Significant weather for the preceding week at Vellanikkara

Rainfall weekly total	156.9 mm
Maximum temperature	28.4-34.1 ⁰ C
Minimum temperature	20.2 -24.3 ⁰ C
Max. RH	79-93%
Min. RH	55-87%
Wind speed	0.2-2.2 km/hr
Sun shine hour	0.0 -6.2 hr
Evaporation	1.1-3.8 mm

CURRENT SYNOPTIC SITUATION: A well marked low pressure area lies over southeast Arabian sea and adjoining east central Arabian sea off North Kerala-Karnataka coasts . Associated cyclonic circulation extends upto 7.6km above mean sea level .Another well marked low pressure area lies over east-central Bay of Bengal & adjoining North east Bay of Bengal. Associated cyclonic circulation extends upto 3.1 km above mean sea level. An east - west shear zone lies along Lat. 12 °N between 3.1 & 5.8 km above mean sea level over Indian Region.

Heavy Rainfall Warning:

Day1(29th May 2018): Heavy to very heavy rainfall is most likely to occur at one or two places in Kerala.

Day2(30th May 2018): Heavy rainfall is most likely to occur at one or two places in Kerala.

INDIA METEOROLOGICAL DEPARTMENT
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
ISSUED ON: 29-05-2018
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	WEATHER FCST				
	DAY-1 30/05/2018	DAY-2 31/05/2018	DAY-3 01/06/2018	DAY-4 02/06/2018	DAY-5 03/06/2018
DISTRICT : THRISSUR					
Rainfall (mm)	35	10	8	8	7
Max Temperature (deg C)	31	31	31	31	31
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	8	7	6	6	6
Max Relative Humidity (%)	92	92	92	92	92
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	018	018	018	018	018
Wind direction (deg)	250	250	250	250	250

Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Banana	Erwinia Rot	Proper drainage should be ensured. As a precaution, apply lime in the banana basin or bleaching powder in the irrigation channels. To improve the disease resistance, drench the basin with Pseudomonas @ 20g per litre of water. Affected plants can be protected by drenching the basin with 5 g bleaching powder or 3 g copper oxychloride or 2g copper hydroxide per one litre of water. Severely affected plants should be cut and removed to prevent the spread of disease.
Coconut	Planting	On slopes and in areas of undulating terrain, prepare the land by contour terracing or bunding. In low lying areas and rice fields form mounds to a height of at least 1 meter above water level.
Pepper	Quick wilt	There is a chance of Quick wilt disease due to high relative humidity. Apply trichoderma or pseudomonas culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Animal Husbandry		Animals should not be allowed to graze in the water logged area for preventing diseases associated with hoof. (CAADECCS, KVASU, Mannuthy)