

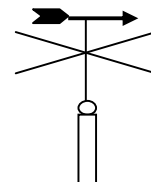


## Advisory Service bulletin 26/17, Friday dt. 30-06-2017

( Issued jointly by IAAS Vellanikkara)

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### PALAKKAD

**CURRENT SYNOPTIC SITUATION:** An off shore trough runs from south Gujarat coast to Kerala coast.

**HEAVY RAINFALL WARNING:** Heavy rainfall is most likely to occur at one or two places in Kerala till the morning of 2<sup>nd</sup> July 2017.

### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 30.06.2017

VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE: KERALA

| PARAMETERS                | ENSEMBLE FCST  |                |                |                |                |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
|                           | DAY-1<br>01/07 | DAY-2<br>02/07 | DAY-3<br>03/07 | DAY-4<br>04/07 | DAY-5<br>05/07 |
| DISTRICT: PALAKKAD        |                |                |                |                |                |
| Rainfall (mm)             | 17             | 29             | 5              | 4              | 4              |
| Max Temperature ( deg C)  | 30             | 30             | 31             | 31             | 31             |
| Min Temperature ( deg C)  | 23             | 23             | 23             | 23             | 23             |
| Total cloud cover (octa)  | 6              | 8              | 5              | 5              | 5              |
| Max Relative Humidity (%) | 90             | 90             | 90             | 90             | 90             |
| Min Relative Humidity (%) | 80             | 80             | 80             | 80             | 80             |
| Wind speed (kmph)         | 012            | 012            | 012            | 012            | 012            |
| Wind direction (deg)      | 250            | 250            | 250            | 250            | 250            |

### Agro Meteorological Advisories:

| Crop                        | Stage of the crop / Pest/Disease | Advisories   |
|-----------------------------|----------------------------------|--|
| Paddy<br>(Jyothi, Kanchana) | Seedling stage                   | Seedling stage in first paddy crop.  |
| Coconut                     | Bud rot                          | Perforated Mancozeb sachet (5 gm)- 3 no.s can be hung around spindle leaves as a prophylatic measure for rot.  |
| Nutmeg/Pepper               | Quick wilt                       | Prophylactic spraying of 1% Bordeaux mixture against fungal disease in nutmeg and pepper can be done. There is a chance of Quick wilt disease due to high relative humidity. Apply <i>Trichoderma</i> or <i>pseudomonas</i> culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.  |
| Animal Husbandry            | -                                | Mosquito control measures can be adapted. Cattle should not be allowed graze in water logged areas for avoiding diseases. Avoid water logging in cattle sheds.<br>If fever and respiratory distress are noticed consult a veterinary surgeon.<br><b>Thank you for Information: Centre for animal adaptation environment and climate change studies, KVASU, Mannuthy.</b> |