The forecast is valid for Bengaluru Urban district

Summary of last Three Days Weather
During the above period, 9.8 mm rainfall was recorded at Bengaluru urban Centre. Maximum temperature was ranged from 26.0-28.8 °C and minimum temperature was 19.4-20.8°C. Average relative humidity was ranged from 89-93% during morning hours and 53-61% during after-noon hours. The average wind speed was range 4.1-6.3 km per hour.

Weather forecast (Valid from 20th to 24th July 2013)

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max Temp Trend (deg °C)</td>
<td>27</td>
<td>27</td>
<td>27</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>Min Temp Trend (deg °C)</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>Total cloud cover (octa)</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Relative humidity (%)Max</td>
<td>91</td>
<td>89</td>
<td>86</td>
<td>85</td>
<td>86</td>
</tr>
<tr>
<td>Relative humidity (%)Min</td>
<td>74</td>
<td>75</td>
<td>74</td>
<td>75</td>
<td>76</td>
</tr>
<tr>
<td>Wind speed(Km/hr)</td>
<td>11</td>
<td>12</td>
<td>12</td>
<td>11</td>
<td>10</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>250</td>
<td>250</td>
<td>260</td>
<td>260</td>
<td>270</td>
</tr>
</tbody>
</table>

Forecast summary:
Next few days light rains are expected and maximum temperature ranges 26.0-27.0°C and Minimum will be 19.0-20.0°C, with cloud cover 8 octa. Relative Humidity is around 85-91% during morning hrs and 74-76 % during noon is forecasted. Wind speed is expecting to be 10-12 km/hr.

Agroclimatic Location of Zone -5 (Eastern dry zone) and base map.
Bengaluru urban dist.  
Anekal  
Bengaluru South  
Bengaluru North  
Bengaluru East

Weather Based Agro Advisories

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

<table>
<thead>
<tr>
<th>District</th>
<th>Kharif crops</th>
<th>Horticulture crops</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bangalore (U)</td>
<td>Redgram S.G</td>
<td>Fodder Maize S.G</td>
</tr>
</tbody>
</table>


B: Branching, FD: Fruit Development, H: Harvesting, LJI: Late jointing stage, M: Maturation, R: Ripening, CI: Cob initiation

F & FS: Flowering to fruit setting, HE: Head emergence, MS: Milking stage, TR: Transplanting

Agromet Advisory:

Drought and Crop Stages of the major Kharif/Rabi crops

Crop | Stage/ Condition | Pest and Disease | Agro advisories
--- | --- | --- | ---
Agriculture crop

Land preparation ➢ Farmers are advised to procure seeds from authorized dealers/Govt. firms
➢ Taken up the ploughing across the slope of the land where sufficient rainfall received. It improves the infiltration and conservation of rain water but also it avoids soil erosion and further checks the weeds.
➢ Clean and repair the drainage channels and see that the maximum run off water to be collected in the farm ponds for the use in later part of the season.
➢ Incorporate the farm yard manure to the soil and keep lands ready for sowing and level the land with spike tooth harrow (Halube).
➢ Use Recommended dose of fertilizer as per soil test report

Sowing ➢ Where ever sufficient rainfall received, farmers are advised to go for sowing of Redgram with suitable varieties of TTB-7, BRG-1 and Hyd-3c at 15kg/ha and treat the seeds with rhizobium culture @500gm/ha and Phosphate Solubilizing Bacteria (PSB) 500gm/ha before sowing. Sow the seeds with spacing of 60 cm x 23 cm by using seed cum fertilizer drill.
➢ Ragi (finger millet) varieties Indaf-5, 9, HR-911, G.P.U- 28, MR-6, ML-365 @5kg/ha seeds with spacing 25 cm x 10 cm.
➢ Groundnut varieties JL-24, TMV-2, G.P.B.D-4 and K-134 @110kg pods/ha. Treat the seeds with rhizobium culture @375gm/ha before sowing. Sow the seeds with spacing of 30 cm x 10 cm.
➢ Paddy varieties Mas-26, Mas-946-1 and BI-33 @7-8kg/ha seeds with spacing 25 cm x 25 cm under aerobic condition.

Horticulture crops ➢ The farmers are advised to make soak pit trenches for perennial horticulture crops near the base of the crops to conserve moisture. As high wind speed is expected provide mechanical support to papaya and banana crops.

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Station Nodal Officer
Dr. M. B. Rajegowda
Bengaluru