



भारत सरकार/ Government of India
पृथ्वी विज्ञान मंत्रालय/ Ministry of Earth Sciences
भारत मौसम विज्ञान विभाग/ India Meteorological Department
मौसम विज्ञान केन्द्र/ Meteorological Centre
शिलांग, मेघालय – ७९३००५/ Shillong, Meghalaya-793005



SPECIAL BULLETIN

Date: 25.04.2024

Time: 1300 hrs IST

Sub: Hot and humid weather conditions over districts of Meghalaya.

Current Condition: No Heat Wave/ Hot day warning.

Yesterday maximum temperature were in range of 34-39°C in many parts of districts under Garo Hills and Ribhoi and 24-27°C in parts of Khasi and Jaintia Hills. Maximum temperature departures were above normal by 2.9-5.7°C at isolated places.

Realised Temperature Scenario:

Yesterday's Highest Maximum Temperature: Resubelpara 39°C

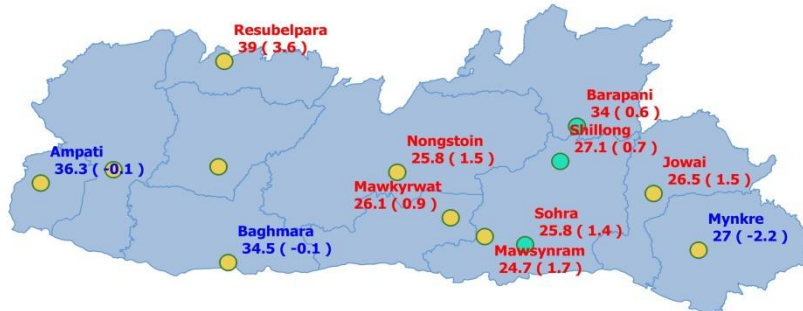
Yesterday's Max. Temperature above 30°C: Ampati 36.3°C, Resubelpara 39°C, Baghmara 34.5°C & Barapani 34°C.

Yesterday's Maximum Temperature Map:



Meteorological Centre, Shillong मौसम विज्ञान केन्द्र, शिलांग Maximum Temperatures and 24 Hour Change over Meghalaya

Date: 24/04/2024



Legend

- AWS
- Manual

Station name
Maximum Temperature (°C)(24 Hour
Change (°C))

Blue Color = Fall in Temperature
Red Color = Rise in Temperature
Green Color = No Change

Highest Temperature recorded is 39°C at Resubelpara.



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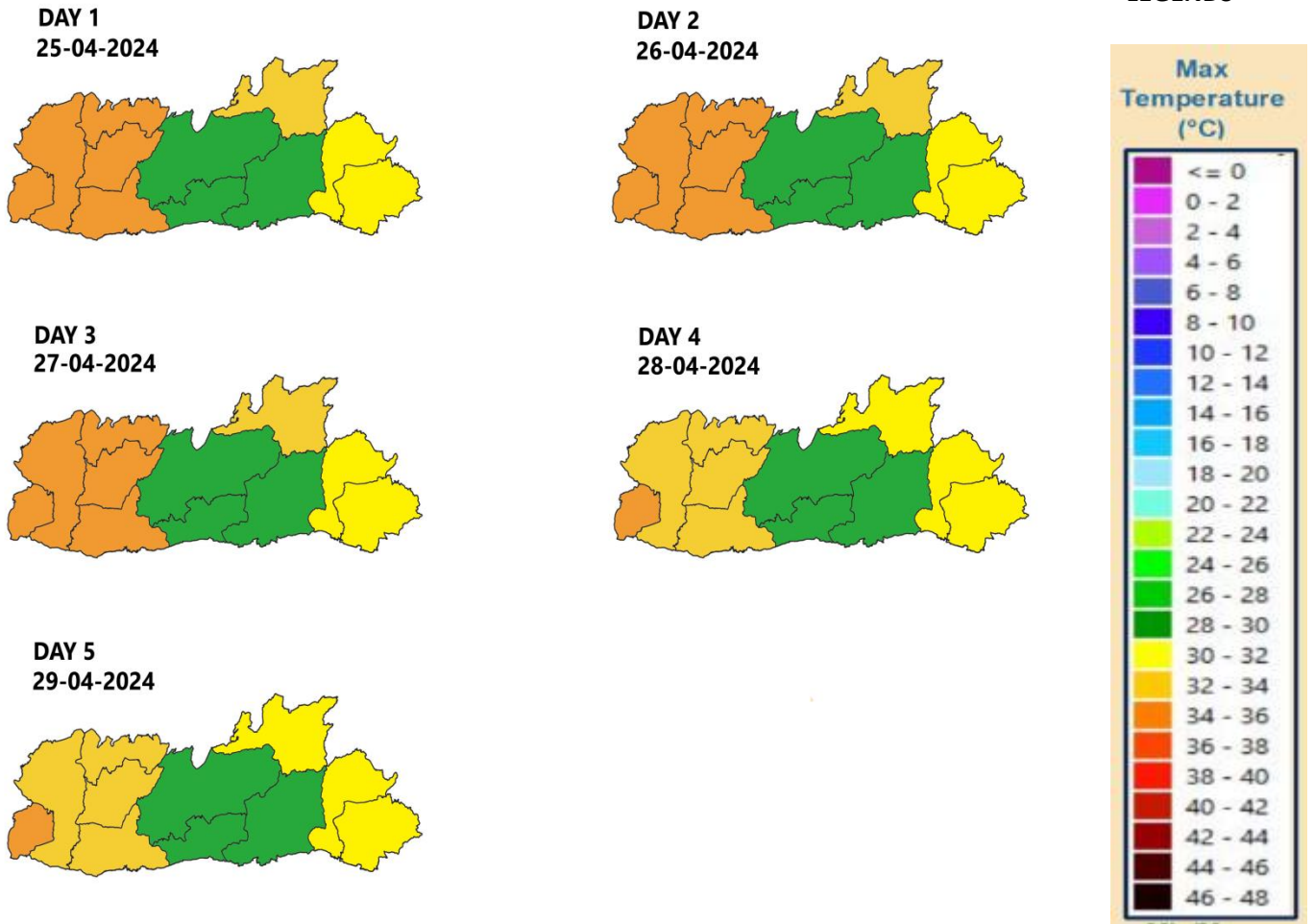


Maximum Temperature Forecast (°C):

Maximum temperature likely to rise by 1-2°C at a few places over the districts of Garo Hills and Ribhoi during next 3 days. Hot & Humid weather condition is likely to prevail at isolated places over the districts of South West Garo hills, West Garo Hills, East Garo Hills, North Garo Hills, South Garo Hills and Ribhoi.

Issue Date : 25-04-2024

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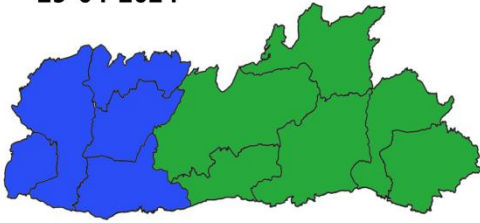
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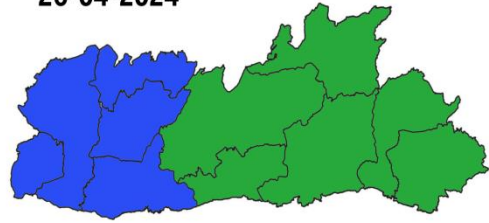
Relative Humidity Forecast (%):

Issue Date : 25-04-2024

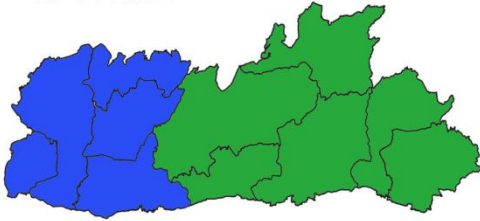
DAY 1
25-04-2024



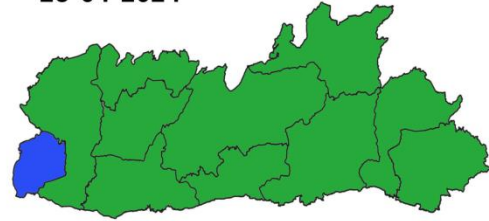
DAY 2
26-04-2024



DAY 3
27-04-2024



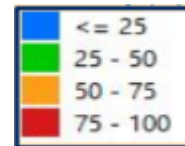
DAY 4
28-04-2024



DAY 5
29-04-2024



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Impact:

- Heat is tolerable for general public but slight health concern for vulnerable people (**viz: infant, elderly, pregnant women and sick people**).

Action Suggested:

- Wear light weight, light colored, loose, cotton clothes.
- Cover your head or use hat or umbrella while going out during peak hours.
- Drink sufficient water even if not feeling thirsty to avoid dehydration.
- Farmers/ workers may avoid prolonged direct sunlight during the peak hours.
- Do not leave children or pets in parked vehicles
- Rallies/ gatherings need to be monitored during peak hours of the day.

Legend:

 Warm Night	When maximum temperature remains 40°C
	Warm Night: When minimum temperature departure 4.5 °C to 6.4 °C. Severe Warm Night: When minimum temperature departure >6.4 °C.
 Heat Wave	When maximum temperature of a station reaches $\geq 40^\circ\text{C}$ for plains and $\geq 30^\circ\text{C}$ for hilly regions
	(a) Based on Departure from normal
	Heat Wave: Maximum Temperature Departure from normal 4.5° C to 6.4° C. Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^\circ\text{C}$
	(b). Based on Actual maximum temperature
Heat Wave: When actual maximum temperature $\geq 45^\circ\text{C}$. Severe Heat Wave: When actual maximum temperature $\geq 47^\circ\text{C}$	
(c). Criteria for heat wave for coastal stations When maximum temperature departure is $>4.5^\circ\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^\circ\text{C}$	

For Detailed weather forecasts & warnings, kindly visit MC Shillong website (<https://mausam.imd.gov.in/shillong>)

Phone: 0364-2911979/e-mail: metshillong1@gmail.com

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Kindly download and use “**Mausam**” App for location specific forecast and warning, “**Meghdoot**” App for Agromet advisory and “**Damini**” App for Lightning warning
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