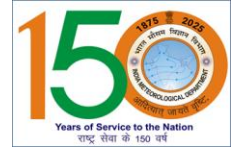




Govt. of India / भारत सरकार
 Ministry of Earth Sciences / पृथ्वी विज्ञान मंत्रालय
 India Meteorological Department / भारत मौसम विज्ञान विभाग
 Regional Meteorological Centre / क्षेत्रीय मौसम केंद्र
 Guwahati – 781 015/ गुवाहाटी - ७८१०१५



DAILY WEATHER REPORT FOR ASSAM/ असम के लिए दैनिक मौसम प्रतिवेदन

DATE: 14-
September-2024

METEOROLOGICAL FEATURES (मौसम संबंधी विशेषताएँ)	<p>1. The Monsoon trough at mean sea level now passes through Ganganagar, Hissar, Delhi, Shahjahanpur, Barabanki, Muzaffarpur, the centre of deep depression over Gangetic West Bengal & adjoining Bangladesh and thence south-southeastwards to northeast Bay of Bengal.</p> <p>2. The well marked low pressure area over Northeast Bay of Bengal and adjoining Southeast Bangladesh has intensified into a deep depression over Bangladesh and adjoining Gangetic West Bengal moved west-northwestwards with a speed of 28 kmph during past 6 hours and lay centered at 0830 hours IST of today, the 14th September 2024, over Gangetic West Bengal and adjoining Bangladesh near latitude 22.9° N and longitude 88.6° E, 50 km northeast of Kolkata (West Bengal), 160 km east-southeast of Bankura (West Bengal), 250 km east of Jamshedpur (Jharkhand) and 340 km east of Ranchi (Jharkhand). ☐</p>
OBSERVATIONS(अवलोकन)	
CHIEF AMOUNT OF RAINFALL(वर्षा की मुख्य मात्रा) (in CM)	SILCHAR_JNS_CLGE (AWS) 3 BHALPUR 1 KOKRAJHAR 1 GOSSAIGAON KVK (AWS) 1
OTHER OBSERVATIONS (अन्य अवलोकन)	Available data indicates that Light to Moderate rain occurred at isolated places over Assam during last 24 hrs.

WEATHER FORECAST AND WARNING FOR DISTRICTS OF ASSAM:-
(असम के जिलों के लिए मौसम पूर्वानुमान और चेतावनी):-

Days/ दिन	Forecast/ पूर्वानुमान	Warning/चेतावनी
Day 1 (Valid upto 0830 hrs IST of 15.09.2024)	Moderate rain is very likely to occur at many places over Assam.	1) Thunderstorm and lightning is very likely to occur at isolated places over Assam. 2) Heavy rain is very likely to occur at isolated places over Assam.
Day 2 (Valid upto 0830 hrs IST of 15.09.2024 to 0830 hrs IST of 16.09.2024)	Light to Moderate rain is very likely to occur at a few places over Assam.	Thunderstorm and lightning is very likely to occur at isolated places over Assam.
Day 3 (Valid upto 0830 hrs IST of 16.09.2024 to 0830 hrs IST of 17.09.2024)	Light to Moderate rain is very likely to occur at a few places over Assam.	Thunderstorm and lightning is very likely to occur at isolated places over Assam.
Day 4 (Valid upto 0830 hrs IST of 17.09.2024 to 0830 hrs IST of 18.09.2024)	Light to Moderate rain is very likely to occur at a few places over Assam.	No warning.
Day 5 (Valid upto 0830 hrs IST of 18.09.2024 to 0830 hrs IST of 19.09.2024)	Light to Moderate rain is very likely to occur at a few places over Assam.	No warning.

Local forecast for Guwahati & neighbourhood/ गुवाहाटी और आसपास के लिए स्थानीय पूर्वानुमान

Day 1 (Valid upto 0830 hrs IST of 15.09.2024)	Generally cloudy sky with one or two spells of rain or thunder showers Maximum and Minimum temperatures are most likely to be 36°C & 27°C respectively.
Day 2 (Valid upto 0830 hrs IST of 15.09.2024 to 0830 hrs IST of 16.09.2024)	Generally cloudy sky with one or two spells of rain or thunder showers Maximum and Minimum temperatures are most likely to be 36°C & 27°C respectively.
Day 3 (Valid upto 0830 hrs IST of 16.09.2024 to 0830 hrs IST of 17.09.2024)	Generally cloudy sky with one or two spells of rain or thunder showers Maximum and Minimum temperatures are most likely to be 36°C & 26°C respectively.
Day 4 (Valid upto 0830 hrs IST of 17.09.2024 to 0830 hrs IST of 18.09.2024)	Partly cloudy sky with one or two spells of rain or thundershower. Maximum and Minimum temperatures are most likely to be 36°C & 26°C respectively.
Day 5 (Valid upto 0830 hrs IST of 18.09.2024 to 0830 hrs IST of 19.09.2024)	Generally cloudy sky with light rain. Maximum and Minimum temperatures are most likely to be 35°C & 26°C respectively.
Day 6 (Valid upto 0830 hrs IST of 19.09.2024 to 0830 hrs IST of 20.09.2024)	Rain. Maximum and Minimum temperatures are most likely to be 35°C & 25°C respectively.
Day 7 (Valid upto 0830 hrs IST of 20.09.2024 to 0830 hrs IST of 21.09.2024)	Rain. Maximum and Minimum temperatures are most likely to be 34°C & 25°C respectively.

Observed Weather parameters for Assam recorded at 0830 hours IST of 14- September-2024.

STATION	Maximum Temperature (°C)		Minimum Temperature (°C)		Relative Humidity (%)		Rainfall (mm)					Weather Remarks
	Past 24 hrs.	Departure from normal	Past 24 hrs.	Departure from normal	At 0830 hrs. IST	Departure from normal	Past 24 hrs.	Seasonal Total	Departure from normal	Year's Total from January	Annual Normal	
Guwahati A/F	35.6	4.2	27.4	3.0	74	-11.0	0.0	903	-191	129	176	-/-
Dibrugarh A/F	35.4	5.0	26.3	2.4	61	-27.0	0.0	1525	-29	201	267	-/-
Tezpur	35.2	3.8	27.5	3.1	64	-27.0	0.0	907	-150	129	182	-/-
Silchar	37.4	5.6	27.8	3.4	71	-15.0	0.0	1465	-488	270	300	-/-
Dhubri	32.9	2.4	28.4	4.3	80	-10.0	0.0	1660	85	198	285	-/-
Jorhat	33.8		25.8		73		0.0	984		147		-/-
N/Lakhimpur	35.8	5.9	23.7	0.1	68	-23.0	0.0	1788	-183	233	256	-/-

Temperature(°C)/तापमान(°C)		Relative Humidity (%) / सापेक्षिक आर्द्रता (%)		Maximum Rainfall (अधिकतम वर्षा) (mm)
Maximum/अधिकतम	Minimum/न्यूनतम	Maximum/अधिकतम	Minimum/	
37.7	27.6	78	63	27.0 mm at SILCHAR_JNS_CLGE

N.B:

Spatial rainfall distribution : One or Two :=< 25%, A few: 26-50%, Many: 51-75%, Most: 76- 100%

Rainfall (mm) : Very Light Rain : Trace – 2.4, Light Rain : 2.5 – 15.5, Moderate rain : 15.6- 64.4, Heavy Rain: 64.5 – 115.5, Very Heavy Rain: 115.6 – 204.4, Extremely Heavy Rain: 204.5 or more.

Probabilistic forecast: Unlikely =< 25%, likely 26-50%, Very likely 51-75%, Most likely >75%.

Weather Warning color code				
1	Red	2	Orange	3
			4	Green

Duty Meteorological Officer/ड्यूटी मौसम विज्ञान अधिकारी
For Head,Regional Meteorological Center/कृते प्रमुख, क्षेत्रीय मौसम विज्ञान केंद्र
Guwahati, LGBI Airport/गुवाहाटी, एलजीबीआई एयरपोर्ट.