

Government of India
Ministry of Earth Sciences
India Meteorological Department
Regional Meteorological Centre, Kolkata
West Bengal - 700027



भारत सरकार
पृथ्वी विज्ञान मंत्रालय
भारत मौसम विज्ञान विभाग
क्षेत्रीय मौसम विज्ञान केंद्र, कोलकाता
पश्चिम बंगाल - 700027



ভারত সরকার
ভূবিজ্ঞান মন্ত্রক
ভারত আবহাওয়া বিভাগ
আঞ্চলিক আবহাওয়া কেন্দ্র, কলকাতা
পশ্চিমবঙ্গ - 700027

MIDDAY WEATHER BULLETIN

मध्याह्न मौसम बुलेटिन

DATE: 19.07.2024

TIME OF ISSUE: 1400 HRS IST.

METEOROLOGICAL FEATURES AND OBSERVATIONS:

(मौसम संबंधी विशेषताएं और अवलोकन :)

Current Synoptic situation (वर्तमान सिनोप्टिक स्थिति):-

The well marked low-pressure area over northwest & adjoining westcentral Bay of Bengal off Odisha and adjoining north Andhra Pradesh coasts has concentrated into a depression at 0830 hours IST of today, the 19th July, 2024 over Northwest and adjoining Westcentral Bay of Bengal off Odisha and adjoining north Andhra Pradesh coasts near latitude 19.2°N and longitude 86.2°E, about 70 km southeast of Puri (Odisha), 130 km East of Gopalpur (Odisha), 130 km south-southeast of Paradip (Odisha) and 240 km east-northeast of Kalingapatnam (Andhra Pradesh). It is likely to move northwestwards and cross Odisha coast near Puri as a depression during early morning hours of tomorrow, the 20th July, 2024. Thereafter, it would move west-northwestwards across Odisha & Chhattisgarh and weaken gradually during subsequent 24 hours. The Monsoon trough at mean sea level now passes through Jaisalmer, Kota, Guna, Sagar, Raipur, Puri and thence southeastwards to the center of depression over Northwest and adjoining Westcentral Bay of Bengal off Odisha and adjoining north Andhra Pradesh coasts and extends upto 1.5 km above mean sea level.

Summary of Observation Recorded at 0830 hrs IST of Tuesday 19/07/2024

(12/07/2024 को 0830 बजे पर रिकॉर्ड किए गए अवलोकन का सारांश):-

Southwest monsoon has been Subdued over Gangetic West Bengal. Gusty wind was observed at Alipore (Kolkata district) on 18-07-2024 during 1210-1211 hrs IST from South South Easterly direction with maximum wind speed of 34 kmph. Rainfall occurred at many places over Gangetic West Bengal; at a few places over Sub Himalayan West Bengal.

Chief Amount of Rainfall Received at 0830 hrs IST of 19/07/2024

(वर्षा की मुख्य मात्रा 12/07/2024 को 0830 बजे पर प्राप्त हुई):-

South Bengal: Jhargram (pto) (dist Jhargram) 3, Midnapore (dist West Midnapore) 2, Bankura(cwc) (dist Bankura) 2, Midnapore(cwc) (dist West Midnapore) 2, Mohanpur (dist West Midnapore) 2, Bankura (dist Bankura) 2 cm.

North Bengal: Sukiapokhri (dist Darjeeling) 3 cm.

Weather forecast and warning for districts of West Bengal:-

(पश्चिम बंगाल जिलों के लिए मौसम पूर्वानुमान और चेतावनी):

Days/ दिनों	Forecast/ पूर्वानुमान		Warning/ चेतावनी	
	North Bengal	South Bengal	North Bengal	South Bengal
Day 1 (Valid upto 0830 hrs IST of 20.07.2024)	Light to moderate rain with thunder very likely to occur at many places over all the districts.	Light to moderate rain with thunder very likely to occur at most places over North and South 24, East and West Midnapore, Jhargram,	YELLOW WARNING Thunderstorm with Lightning likely to occur at one or two places over Darjeeling, Jalpaiguri, Coochbehar,	YELLOW WARNING Thunderstorm with Lightning likely to occur at one or two places over North and South 24 Parganas, Kolkata,

		Howrah, Kolkata districts of West Bengal; at many places over the rest districts.	Kalimpong, Alipurduar and North Dinajpur districts.	Howrah, Hooghly, Bankura, East and West Midnapore, Jhargram districts.
Day 2 (Valid from 0830 hrs IST of 20.07.2024 to 0830 hrs IST of 21.07.2024)	Light to moderate rain with thunder is very likely to occur at most places over Darjeeling, Jalpaiguri, Coochbehar, Kalimpong, Alipurduar districts; at many places over the rest districts.	Light to moderate rain with thunder very likely to occur at most places over all the districts.	[YELLOW WARNING] 1) Heavy rainfall (07-11cm) likely to occur at one or two places over Alipurduar, Jalpaiguri districts. 2) Thunderstorm with Lightning likely to occur at one or two places over Darjeeling, Jalpaiguri, Coochbehar, Kalimpong, Alipurduar districts.	[YELLOW WARNING] 1) Heavy rainfall (07-11cm) likely to occur at one or two places over West Midnapore, Jhargram districts. 2) Thunderstorm with Lightning likely to occur at one or two places over South 24 Parganas, West Midnapore, Jhargram, Purulia, Bankura districts.
Day 3 (Valid from 0830 hrs IST of 21.07.2024 to 0830 hrs IST of 22.07.2024)	Light to moderate rain with thunder very likely to occur at most places over all the districts.	Light to moderate rain with thunder very likely to occur at most places over all the districts.	[YELLOW WARNING] 1) Heavy rainfall (07-11cm) likely to occur at one or two places over Alipurduar, Jalpaiguri, Kalimpong districts 2) Thunderstorm with Lightning likely to occur at one or two places over Darjeeling, Jalpaiguri, Coochbehar, Kalimpong, Alipurduar districts.	[YELLOW WARNING] Thunderstorm with Lightning likely to occur at one or two places over West Burdwan, Jhargram, Purulia, Bankura, East and West Midnapore, North and South 24 Parganas districts.
Day 4 (Valid from 0830 hrs IST of 22.07.2024 to 0830 hrs IST of 23.07.2024)	Light to moderate rain with thunder very likely to occur at many places over all the districts.	Light to moderate rain with thunder very likely to occur at most places over all the districts.	NIL	[YELLOW WARNING] 1) Heavy rainfall (07-11cm) likely to occur at one or two places over East and West Midnapore, South 24 Parganas districts.
Day 5 (Valid from 0830 hrs IST of 23.07.2024 to 0830 hrs IST of 24.07.2024)	Light to moderate rain with thunder very likely to occur at many places over all the districts.	Light to moderate rain with thunder very likely to occur at most places over all the districts.	NIL	
Day 6 (Valid from 0830 hrs IST of 24.07.2024 to 0830 hrs IST of 25.07.2024)	Light to moderate rain with thunder very likely to occur at many places over all the districts.	Light to moderate rain with thunder very likely to occur at many places over all the districts.	-	
Day 7 (Valid from 0830 hrs IST of 25.07.2024 to 0830 hrs IST of 26.07.2024)	Light to moderate rain with thunder very likely to occur at many places over all the districts.	Light to moderate rain with thunder very likely to occur at many places over all the districts.	-	

[Weather Forecast for Kolkata and neighbourhood valid for the next 24 hours:](#)

[कोलकाता और आसपास के मौसम का पूर्वानुमान अगले 24 घंटों के लिए मान्य है:](#)

Generally cloudy sky. Light to moderate rain / thundershower very likely to occur. Maximum and Minimum Temperatures most likely be around 31°C and 27°C respectively.

Observations of Kolkata recorded at 0830 hours ISTof 19.07.2024:-

कोलकाता की अवलोकन 19.07.2024 को 0830 बजे दर्ज की गई:-

TEMPERATURE (°C) तापमान		RELATIVE HUMIDITY सापेक्षिक आर्द्रता (%)		RAINFALL (UPTO 0830 HOURS IST OF TODAY FROM 0830 HOURS IST OF YESTERDAY) IN MM वर्षा (कल प्रातः 0830 बजे से आज प्रातः 0830 बजे तक) मिमी में
MAXIMUM अधिकतम	MINIMUM न्यूनतम	MAXIMUM अधिकतम	MINIMUM न्यूनतम	
33.2 (+0.4)	28.8(+1.9)	87	68	

*Number within bracket shows departure from normal (कोष्ठक के भीतर की संख्या सामान्य से विचलन दर्शाती है)

Forecast for Kolkata and Neighbourhood for Next 7 Days

अगले 7 दिनों के लिए कोलकाता और आसपास के इलाकों के लिए पूर्वानुमान

- Friday 19 Jul** : Generally cloudy sky. Light to moderate rain / thundershower very likely to occur. Maximum and Minimum Temperature most likely to be around 31°C and 27°C respectively.
- Saturday 20 Jul** : Generally cloudy sky with one or two spells of Rain or Thundershowers. Maximum and Minimum Temperature most likely be around 33°C and 27°C respectively.
- Sunday 21 Jul** : Generally cloudy sky with one or two spells of Rain or Thundershowers.. Maximum and Minimum Temperature most likely to be around 32°C and 27°C respectively.
- Monday 22 Jul** : Generally cloudy sky with a few spells of Rain or Thundershowers. Maximum and Minimum Temperature most likely to be around 31°C and 26°C respectively.
- Tuesday 23 Jul** : Generally cloudy sky with a few spells of Rain or Thundershowers. Maximum and Minimum Temperature most likely be around 30°C and 26°C respectively.
- Wednesday 24 Jul** : Generally cloudy sky with possibility of Rain or Thundershowers. Maximum and Minimum Temperature most likely be around 30°C and 26°C respectively.
- Thursday 25 Jul** : Generally cloudy sky with possibility of Rain or Thundershowers. Maximum and Minimum Temperature most likely be around 30°C and 26°C respectively.

Weather warning for fishermen of West Bengal coast valid for next 05 days

(पश्चिम बंगाल तट के मछुआरों के लिए मौसम की चेतावनी अगले 05 दिनों तक मान्य):-

Squally weather with surface wind speed 45-55 kmph gusting to 65 kmph very likely over Northwest & West Central Bay of Bengal and 35-45 kmph gusting 55 kmph along and off West Bengal Coast till 21/07/2024. Sea conditions likely to be rough to very rough. Fishermen are advised not to venture into the sea area along and off West Bengal Coast, and Northwest & West Central Bay of Bengal till 21/07/2024.

N.B: Spatial rainfall distribution: ONE OR TWO :=< 25%, a few: 26-50%, Many: 51-75%, Most: 76-100% Rainfall (mm): 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%. Kindly download and use “MAUSAM App” for location specific forecast and warning, “Meghdoot App” for Agromet advisory and “Damini App” for Lightning warning. Follow us on twitter @ImdKolkata, facebook page <https://www.facebook.com/WeatherOffice.Kolkata> and Telegram channel [RMC KOLKATA NOWCAST BROADCAST](https://t.me/rmckolkata_nowcast) (https://t.me/rmckolkata_nowcast) for regular weather updates.