

Time of Issue 1400 IST

Dated: 17.06.2024

PRESS RELEASE

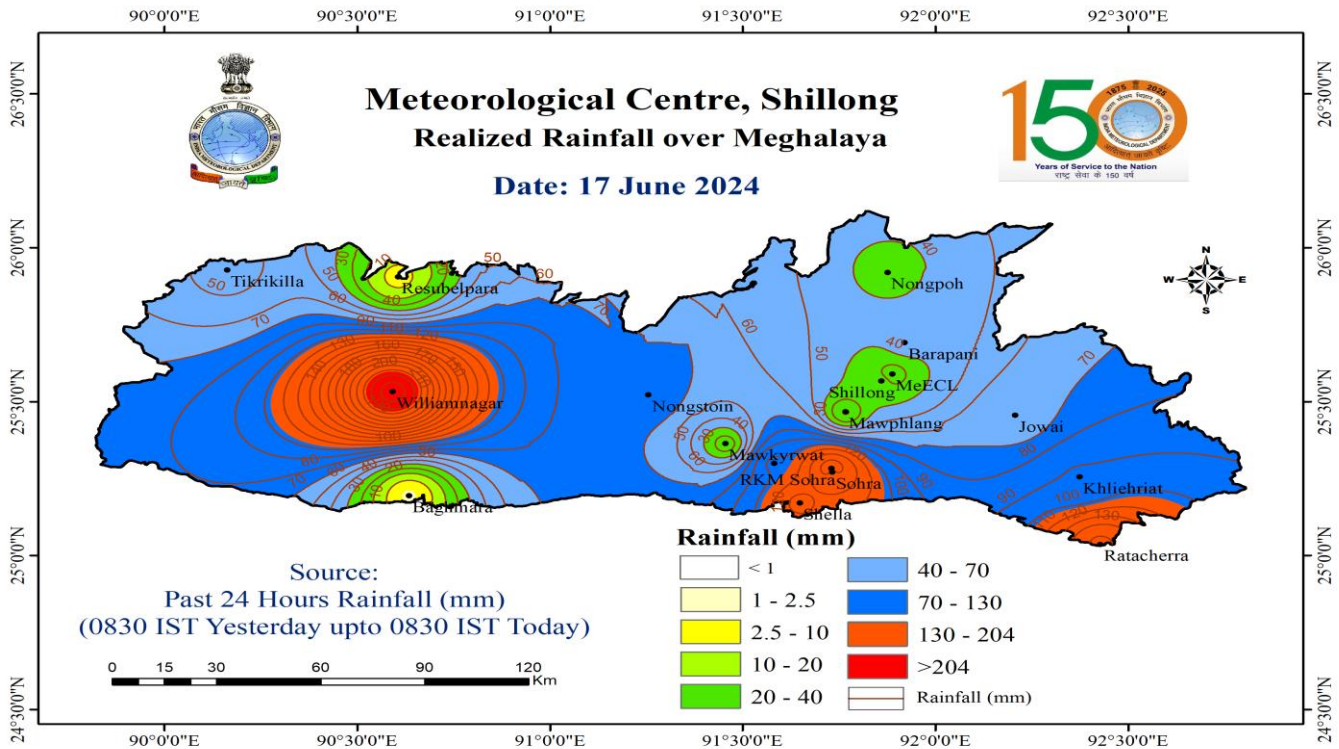
Sub: Very Heavy to Extremely Heavy Rainfall over Meghalaya during 17th June – 21st June 2024

The cyclonic circulation over northeast Assam & neighbourhood persists and now extends upto 1.5 km above mean sea level.

Under its influences, isolated heavy to extremely heavy rainfall very likely over Meghalaya during 17th -21st June 2024 and isolated exceptionally heavy rainfall likely over Meghalaya on 18th June, 2024.

Chief Amount of Rainfall(>7cm):

Williamnagar 22, Ratacherra 14, RKM Sohra 14, Sohra ARG 14, Sohra 13, Shella 12, Mawsynram 10, Khliehriat 9, Nongstoin 7.





Date	Forecast / Warning for Meghalaya
17.06.2024	<ul style="list-style-type: none"> • Heavy to Very Heavy with Extremely Heavy rainfall is very likely to occur over East Khasi Hills, West Khasi Hills, South West Khasi Hills, Eastern West Khasi Hills, East Jaintia Hills, West Jaintia Hills and North Garo Hills Districts. • Heavy to Very Heavy rainfall is very likely to occur over RiBhoi, East Garo Hills, South Garo Hills, West Garo Hills and South West Garo Hills Districts. • Thunderstorm & lightning is very likely to occur over most parts of Meghalaya.
18.06.2024	<ul style="list-style-type: none"> • Heavy to Extremely with Isolated Exceptionally Heavy rainfall is likely to occur over East Khasi Hills Districts. • Heavy to Very Heavy with Extremely Heavy rainfall is very likely to occur over West Khasi Hills, South West Khasi Hills, Eastern West Khasi Hills, East Jaintia Hills, West Jaintia Hills, North Garo Hills, East Garo Hills, South Garo Hills and West Garo Hills Districts. • Heavy to Very Heavy rainfall is very likely to occur over RiBhoi, South West Garo Hills Districts. • Thunderstorm & lightning is very likely to occur over most parts of Meghalaya.
19.06.2024	<ul style="list-style-type: none"> • Heavy to Very Heavy with Extremely Heavy rainfall is likely to occur over East Khasi Hills, South West Khasi Hills, East Jaintia Hills, West Jaintia Hills, North Garo Hills, South Garo Hills and West Garo Hills Districts. • Heavy to Very Heavy rainfall is likely to occur over West Khasi Hills, Eastern West Khasi Hills, RiBhoi, East Garo Hills and South West Garo Hills Districts. • Thunderstorm & lightning is likely to occur over most parts of Meghalaya.
20.06.2024	<ul style="list-style-type: none"> • Heavy to Very Heavy rainfall is likely to occur over East Khasi Hills, South West Khasi Hills, East Jaintia Hills, West Jaintia Hills, East Garo Hills and West Garo Hills Districts. • Heavy rainfall is likely to occur over West Khasi Hills, Eastern West Khasi Hills, North Garo Hills and South Garo Hills Districts. • Thunderstorm & lightning is likely to occur over most parts of Meghalaya.
21.06.2024	<ul style="list-style-type: none"> • Heavy to Very Heavy rainfall is likely to occur over East Khasi Hills, South West Khasi Hills Districts. • Heavy rainfall is likely to occur over East Jaintia Hills, West Jaintia Hills, East Garo Hills and West Garo Hills Districts. • Thunderstorm & lightning is likely to occur over most parts of Meghalaya.

Warning	No Warning (No Action)	WATCH (Be Updated)	ALERT (Be prepared)	WARNING (Take Action)
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The Forecast and Warning for any day are valid from 0830 hours IST of the day till 0830 hrs IST of the next day.

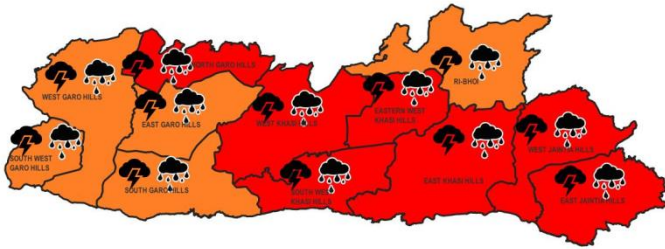


भारत सरकार/ Government of India
 पृथ्वी विज्ञान मंत्रालय/ Ministry of Earth Sciences
 भारत मौसम विज्ञान विभाग/ India Meteorological Department
 मौसम विज्ञान केन्द्र/ Meteorological Centre
 शिलांग, मेघालय - ७९३००५/ Shillong, Meghalaya-793005



Weather Warning Map Meghalaya

Issue Date : 17/06/2024



DAY 1 : 17/06/2024



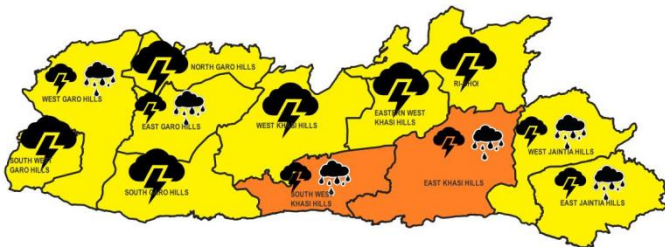
DAY 2 : 18/06/2024



DAY 3 : 19/06/2024



DAY 4 : 20/06/2024



DAY 5 : 21/06/2024

WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

INTENSITY	RAINFALL (mm)
Heavy Rain	64.5 to 115.5
Very Heavy Rain	115.6 to 204.4
Extremely Heavy rain	>204.4

Probabilistic Forecast	
Terms	Probability of Occurrence(%)
Unlikely	<25
Likely	25-50
Very likely	50-75
Most likely	>75



Heavy Rainfall



Cyclone



Thunderstorm with Lightning



Squall/Hail



Strong Winds



Visibility



Lightning





Dense Fog



भारत सरकार/ Government of India
पृथ्वी विज्ञान मंत्रालय/ Ministry of Earth Sciences
भारत मौसम विज्ञान विभाग/ India Meteorological Department
मौसम विज्ञान केन्द्र/ Meteorological Centre
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 Ministry of Earth Sciences	GOVERNMENT OF INDIA MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET DIVISION FLASH FLOOD GUIDANCE CELL	
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**Persistent Flash Flood Threat (PFFT)
till 1730 IST of 17-06-2024 :**

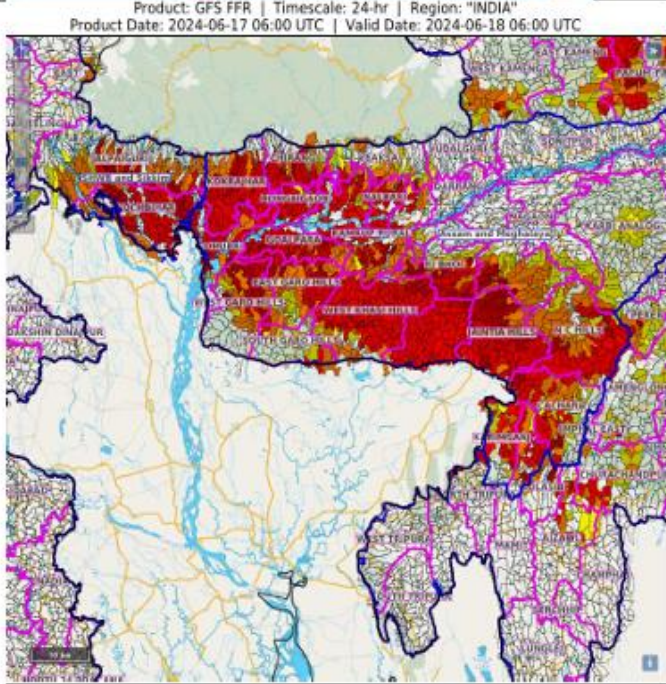
No Flash flood threat likely over in next 06 hours.



**24 hours Outlook for the Flash Flood
Risk (FFR) till 1130 IST of 18-06-2024 :**

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Assam & Meghalaya and adjoining SHWB & Sikkim** Met subdivisions (as shown in adjacent map) during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



Note: Next Bulletin will be issued based on 1730 IST of 17-06-2024.