Main conclusion and guidance for flash flood in the Lower Mekong Basin:

(In critical weather conditions, the text below will be changed to red color)

- In the next 1, 3 and 6 hours, the flash flood risk will likely be detected in some areas of Lao PDR, and Viet Nam.
- Details on the location of the flash flood risk areas in the LMB are in the attached excel file and on the webpage: http://ffw.mrcmekong.org/ffg.php
- The updated flash flood information will be provided at 08:30 on 31 August 2023 and available on the webpage.

Small to heavy rain occurred in some areas of the LMB in the last 01 and 24-hrs. Soil moisture was normal status in the LMB in the last 6-hrs.

In the next 1, 3 and 6 hours, the flash flood risk will likely be detected in some areas of Lao PDR, and Viet Nam.
Small to moderate rain in the next 01, 03, and 06 hours will be forecasted in the LMB.

Small to heavy rains will likely occur in the LMB in the next 24 hours. The flash flood risk for the next 12-, 24-hour will possibly occur in several areas of the 3S basin (Sekong, SeSan and Srepok river).

Remarks:
FFG - Flash Flood Guidance: The amount of rainfall over a given duration (1, 3, 6 hours) which is just enough to cause bank-full flow in the draining stream outlet.

MAP - Mean Areal Precipitation: Derived mean areal precipitation estimates from bias-adjusted Micro-Wave Global Hydro Estimator (MWGHE) and GHE.

ASM - Average Soil Moisture: Soil water saturation fraction (dimensionless ratio of contents over capacity) for the upper zone (approximately 20-30 cm depth).

FMAP - Forecast Mean Areal Precipitation: Accumulations of forecasted mean areal precipitation produced by numerical forecasts from the Weather Research and Forecasting (WRF) model. Each data product reflects basin-average precipitation accumulations from the navigation hour over the corresponding interval.

FFR - Flash Flood Risk: Products for forecast periods of 12, 24 and 36 hours (forecast periods 12 and 24 hours are shown in this bulletin). These products are computed every six hours and measure the occurrence of positive forecast flash flood threat (FMAP > FFG) over a given forecast period using forecast precipitation to drive the Soil and FFG models.

For more clarification of the MRCFFGS products please go to the Sheet "Explanation" in the attached excel file.

Note: Please be aware of the different color bar codes of each product.