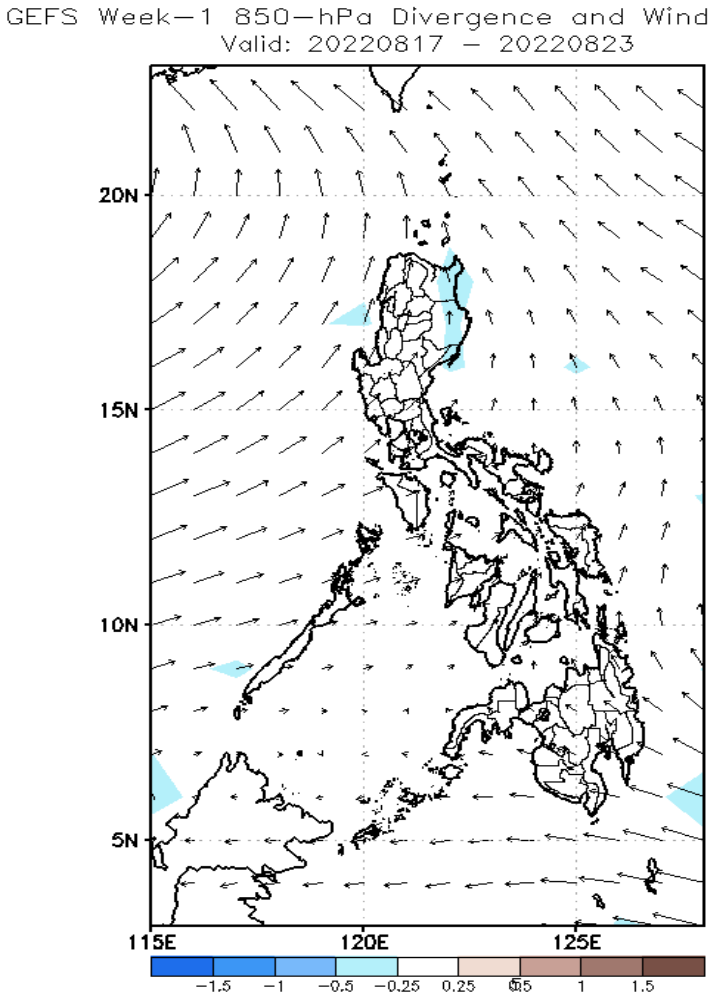
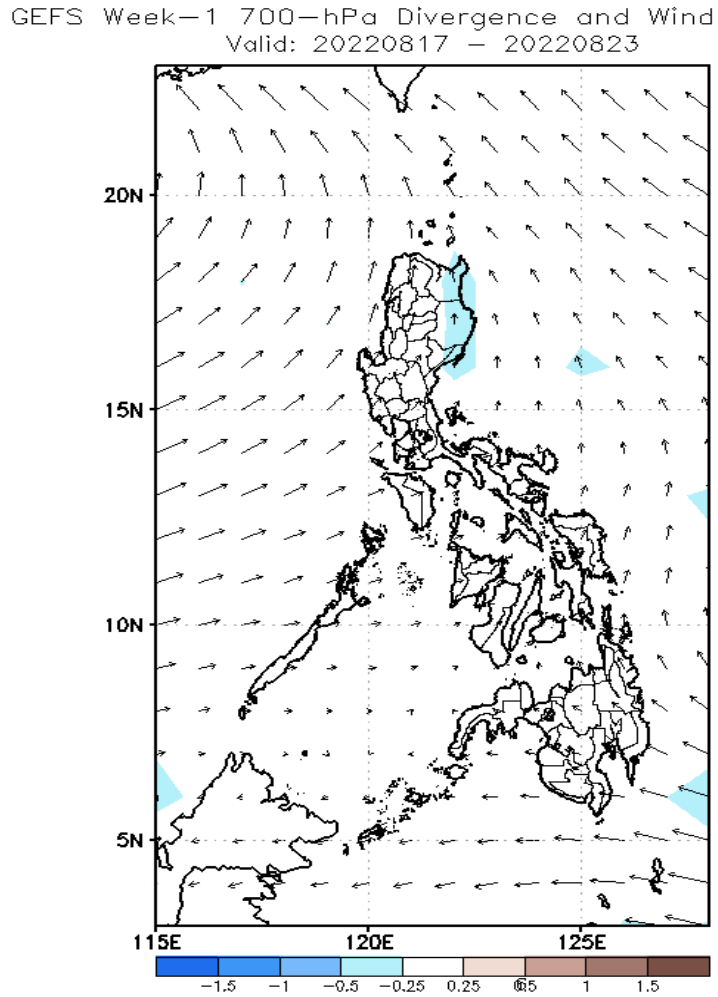
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

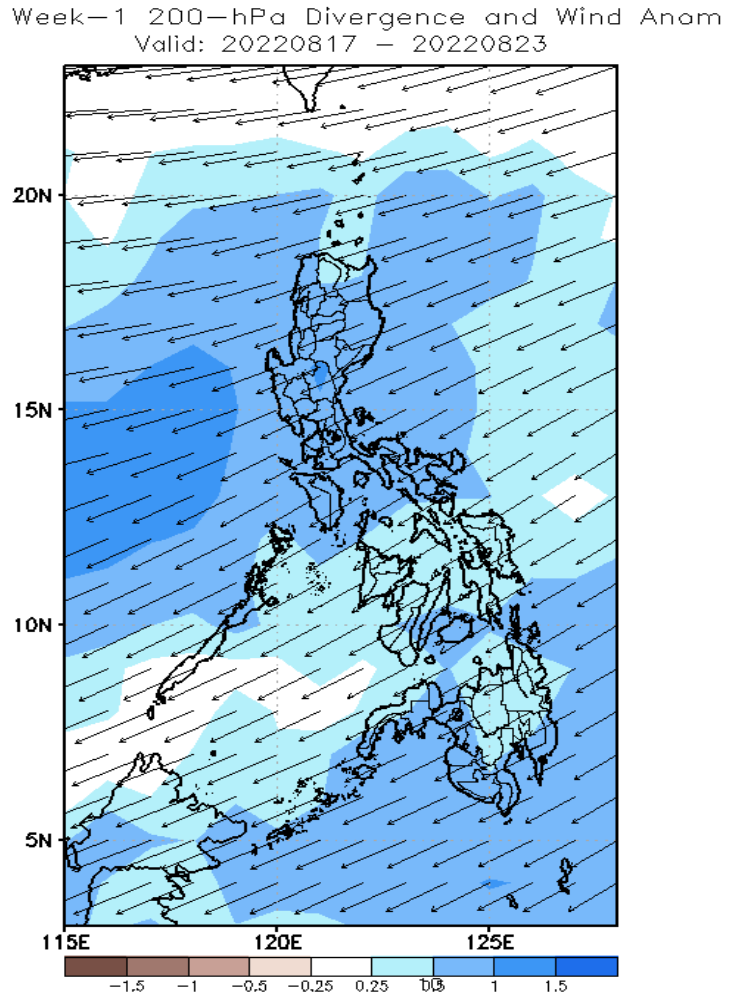
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Wind Anomaly Forecast

Week 1: Aug 15-21, 2022



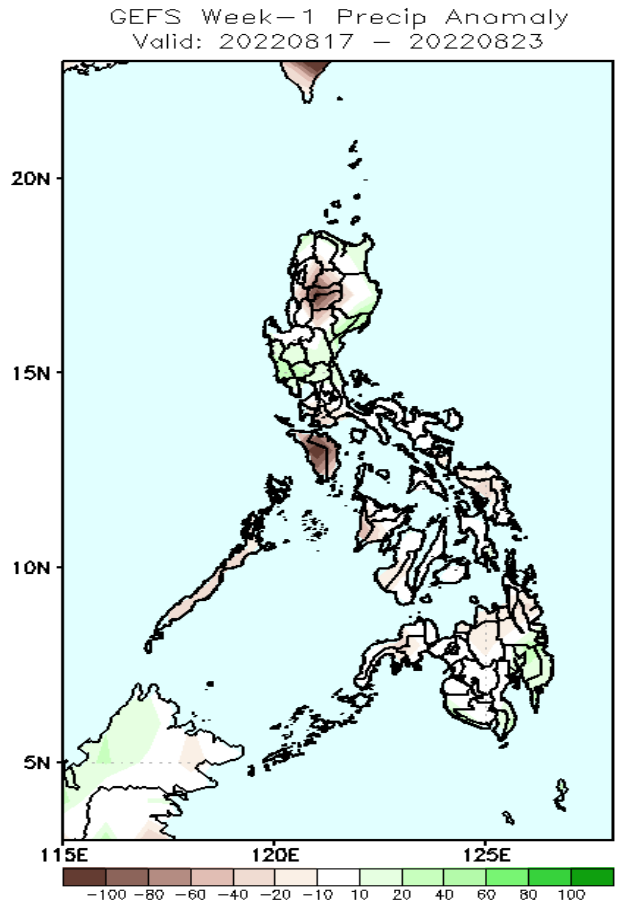




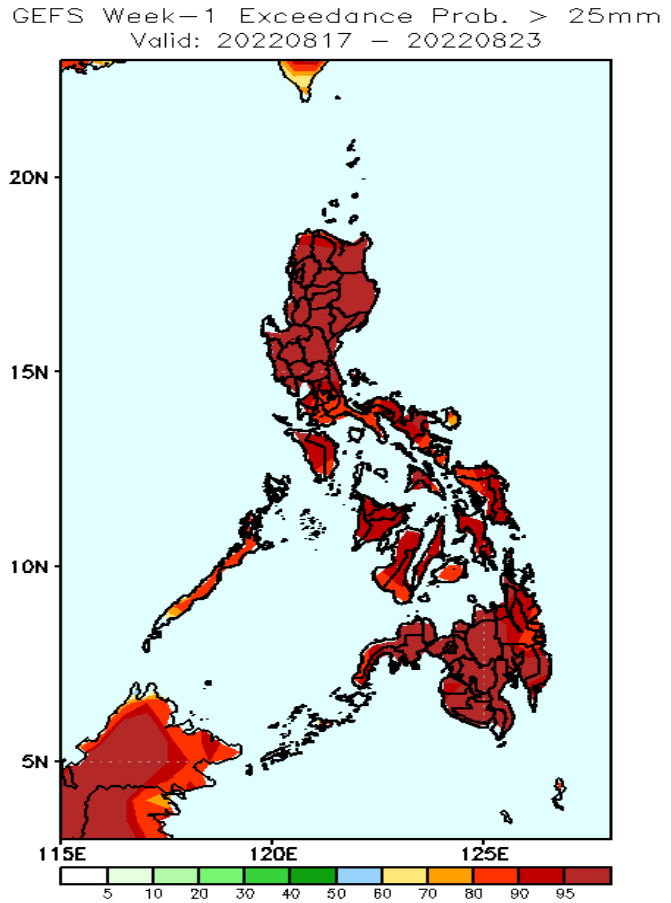
Southwest Monsoon affecting most parts of Luzon and Visayas while Easterlies affecting Mindanao during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

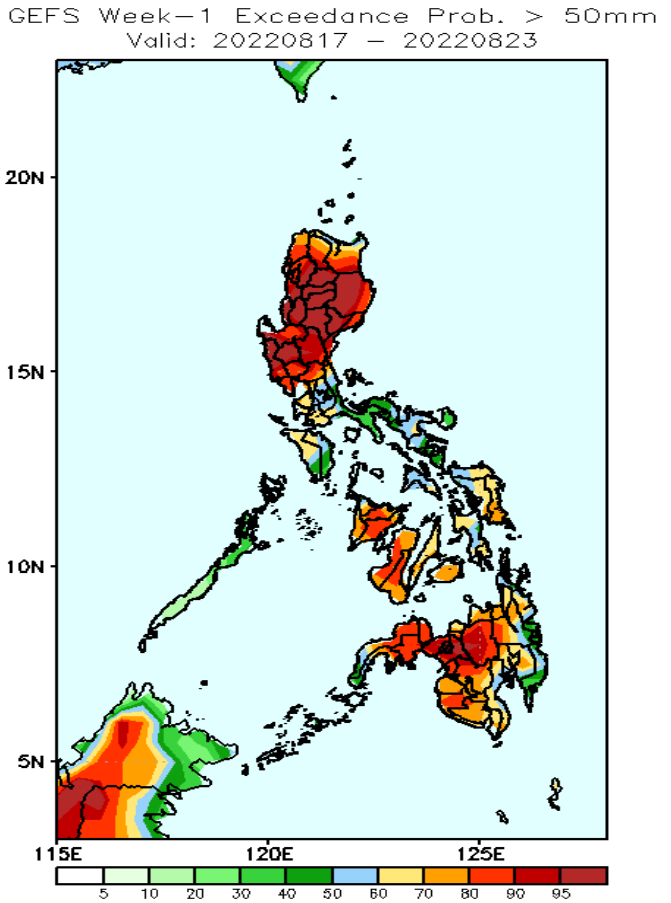
Week 1: Aug 15-21, 2022



Rainfall deficit of 40-100mm is expected in Kalinga, Mt. Province, Ifugao and Mindoro while 10-40mm increase of rainfall in Central Luzon and Davao Region during he forecast period.



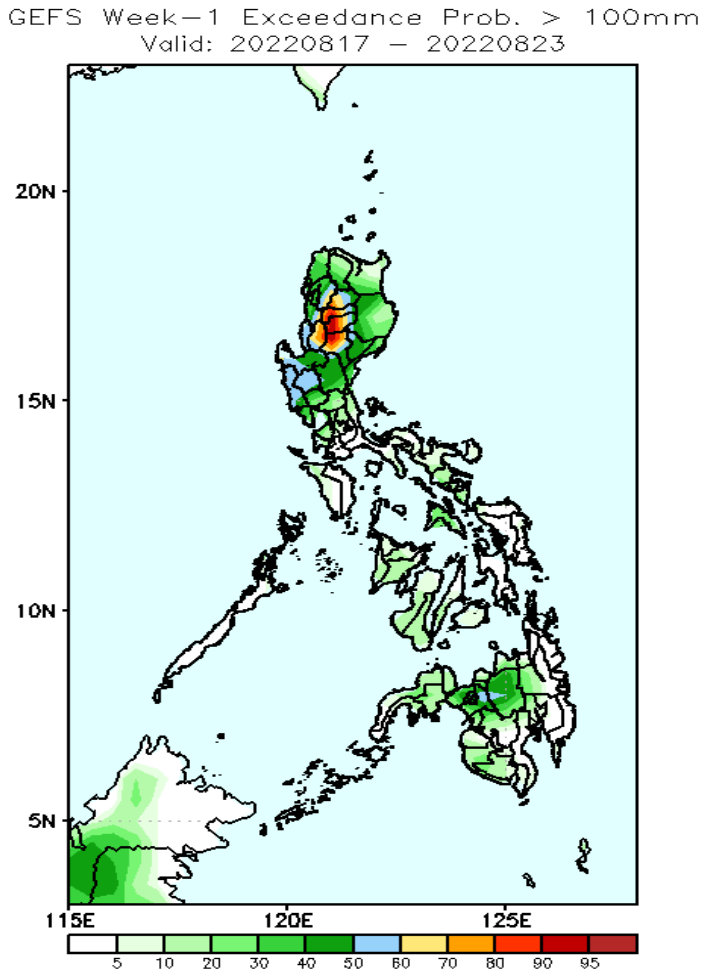
High probability of rainfall to exceed 25mm in most parts of the country during the forecast period.



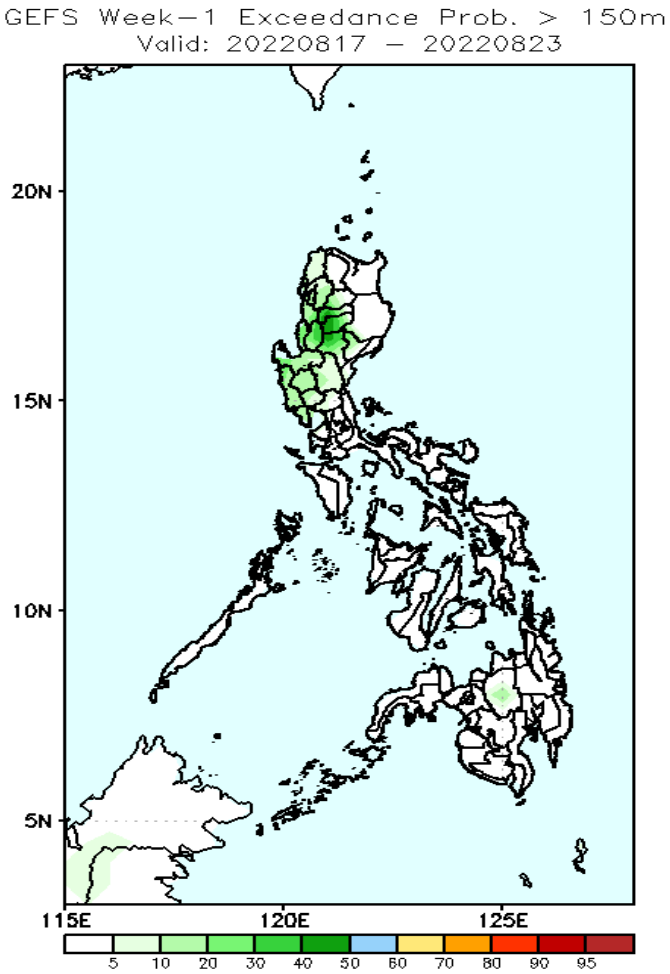
High probability of rainfall to exceed 50mm in most parts of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

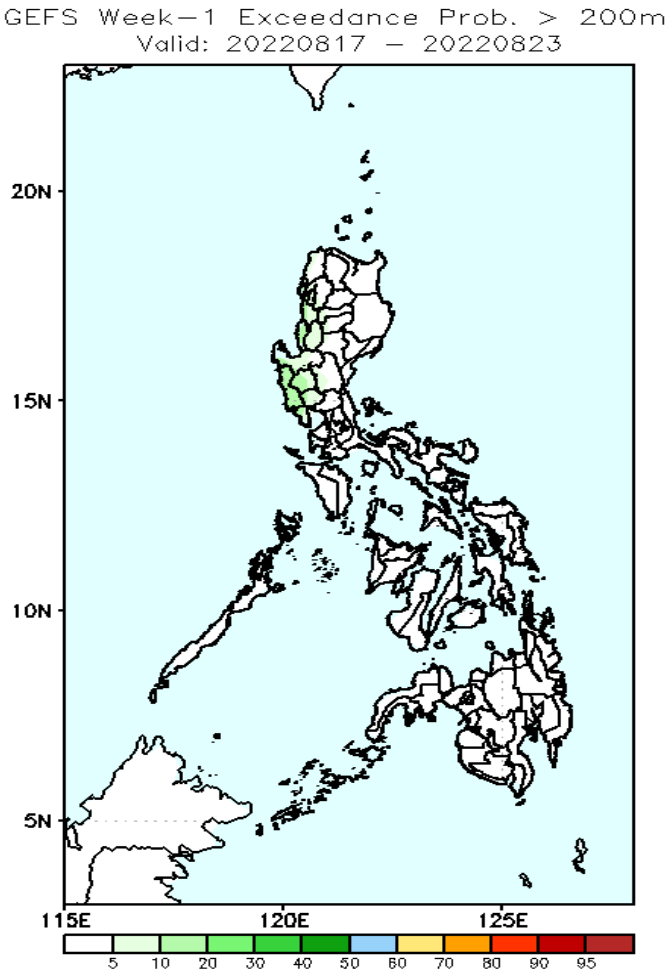
Week 1: Aug 15-21, 2022



High probability of rainfall to exceed 100mm in most parts of Cordillera Region while less likely for the rest of the country during the forecast period.



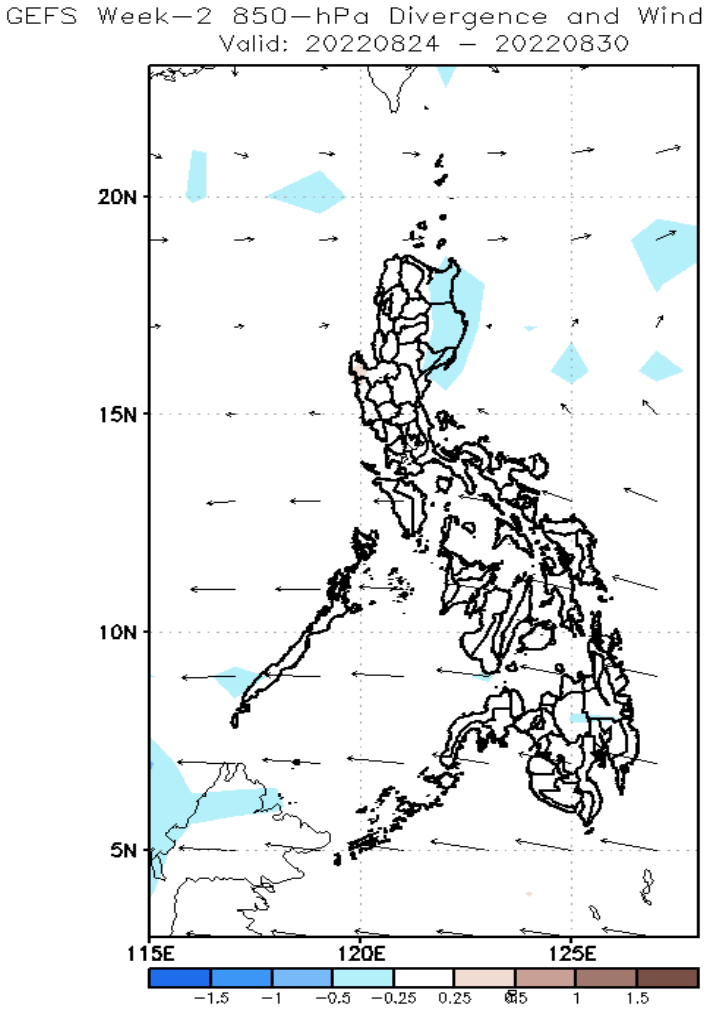
Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

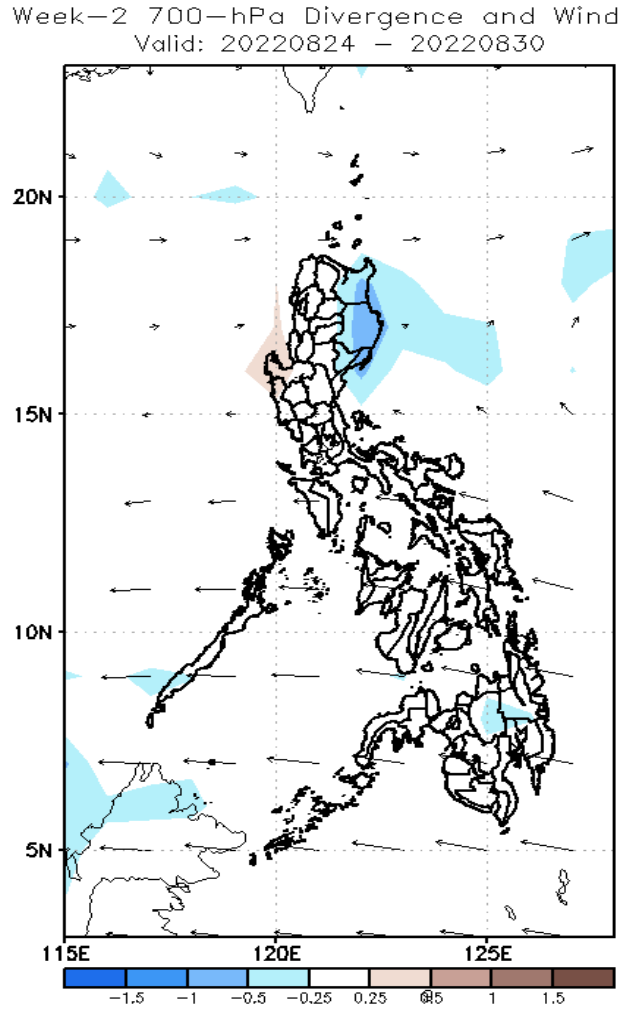


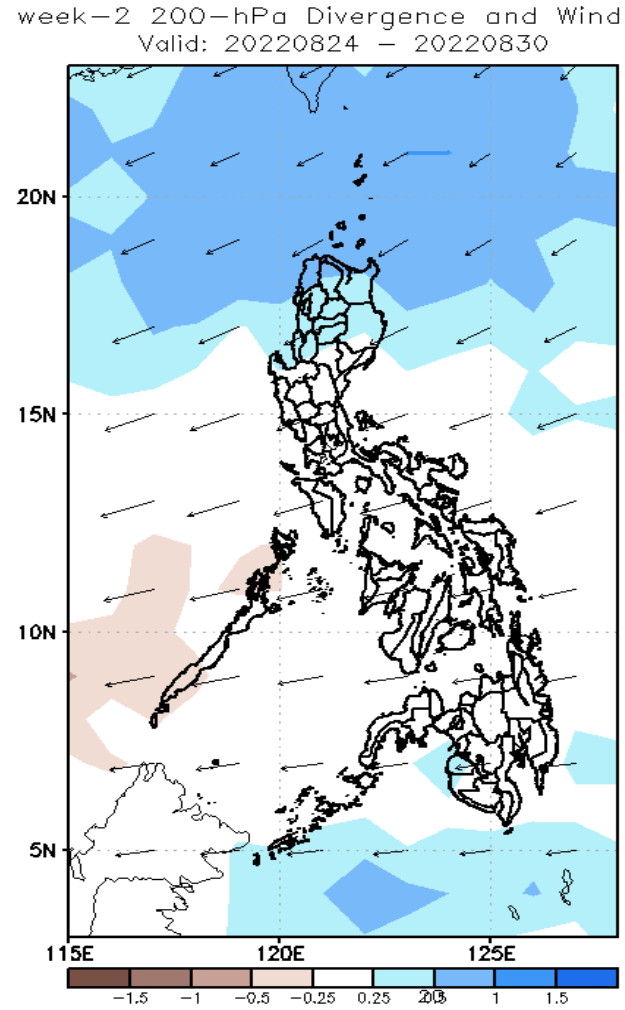
Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Wind Anomaly Forecast

Week 2: Aug 22-28, 2022



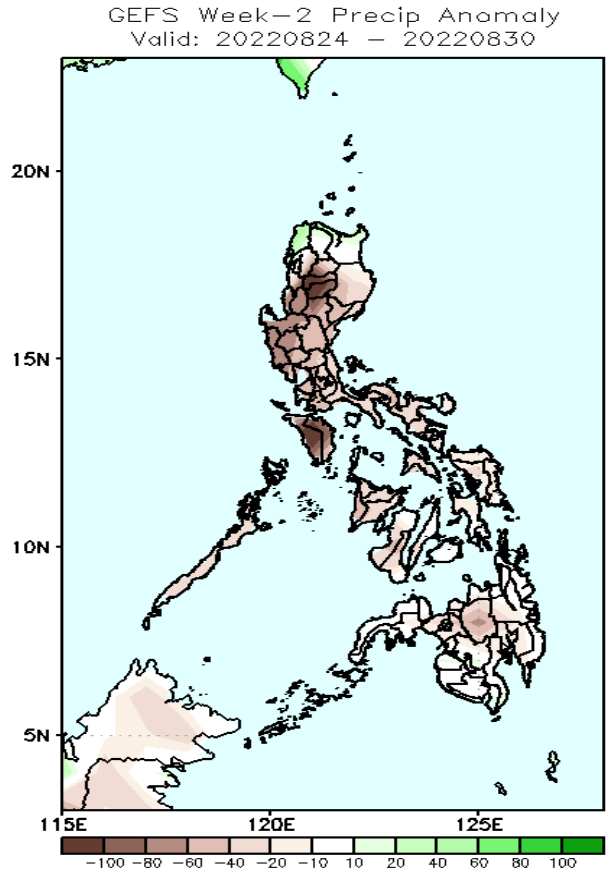




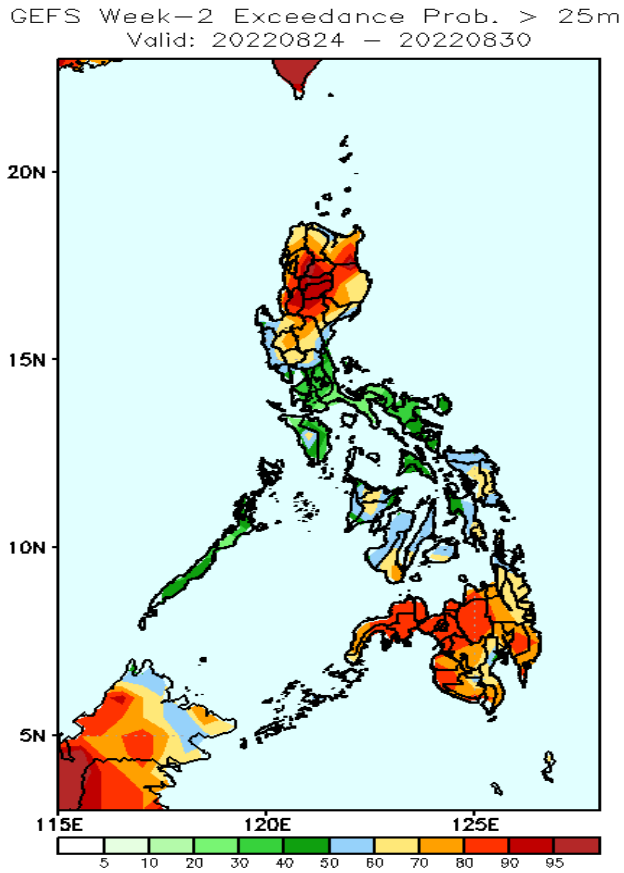
Southwest Monsoon affecting Northern and Extreme Northern Luzon while Easterlies affecting the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

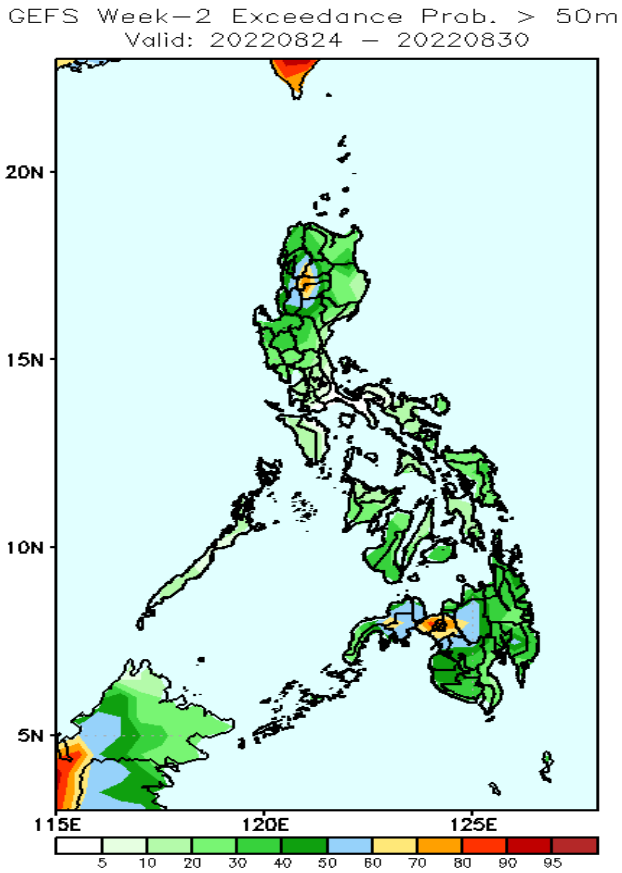
Week 2: Aug 22-28, 2022



Rainfall deficit of up to 100mm is expected in Kalinga, Mt. Province, Ifugao and Mindoro and 20-80mm for the rest of the country during the forecast period .



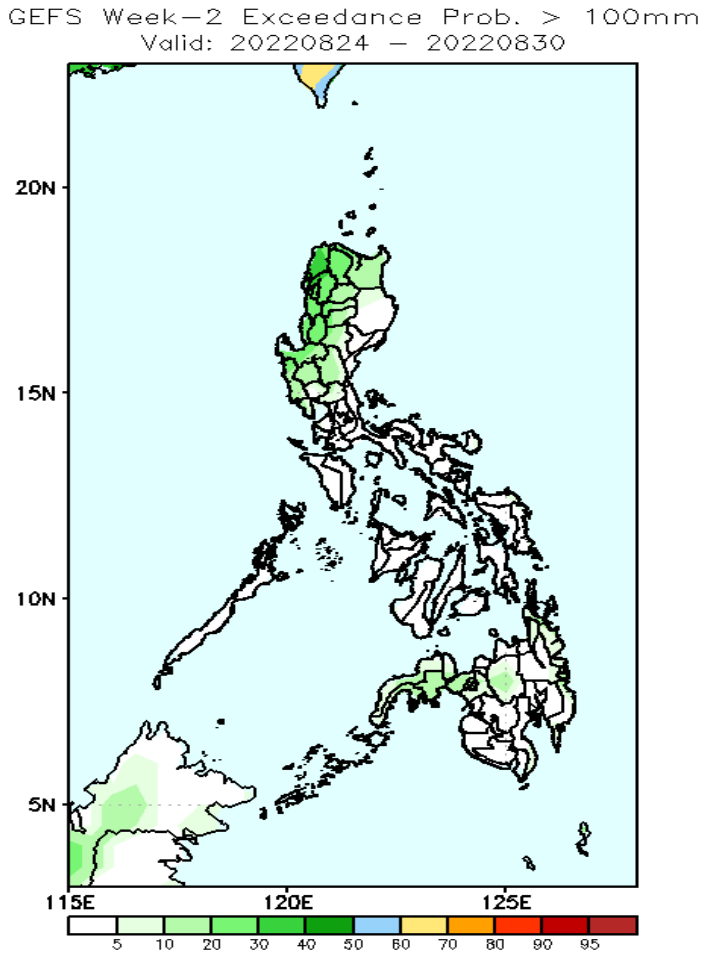
High probability of rainfall to exceed 25mm in most parts of the country except in Southern Luzon and Bicol Region during the forecast period.



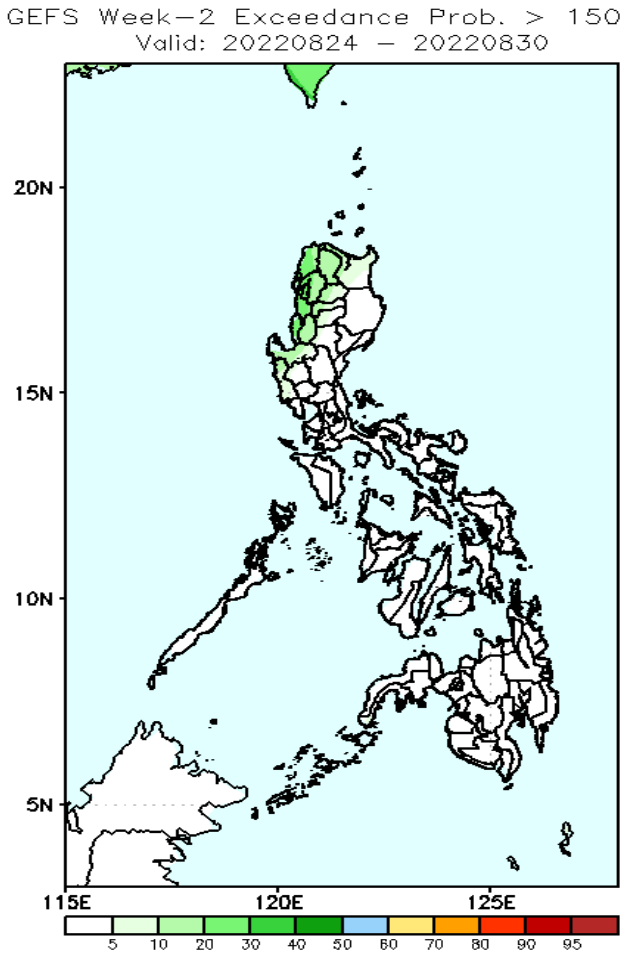
50-85% probability of rainfall to exceed 50mm in Cordillera Region and northwestern Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

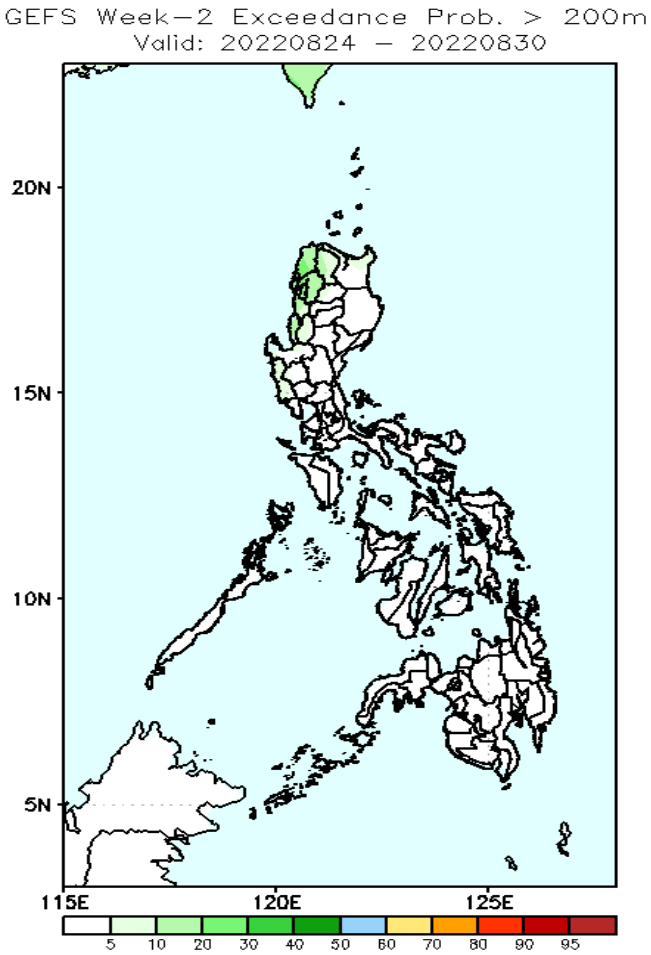
Week 2: Aug 22-28, 2022



Low probability of rainfall to exceed 100mm in most parts of the country during the forecast period.

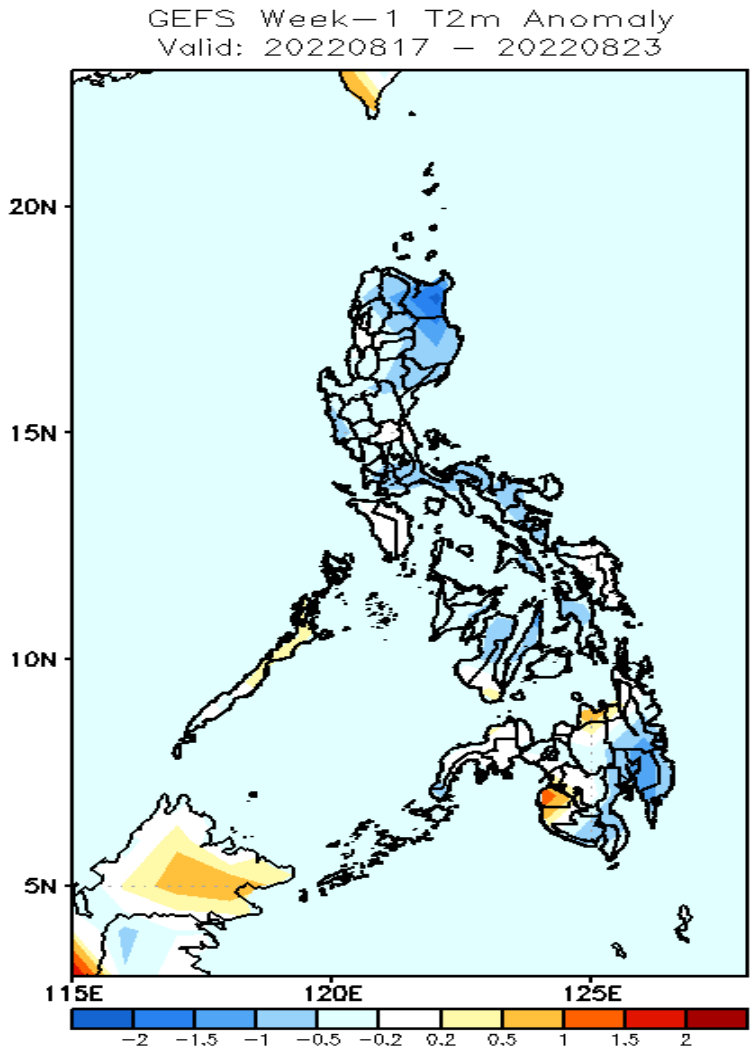


Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



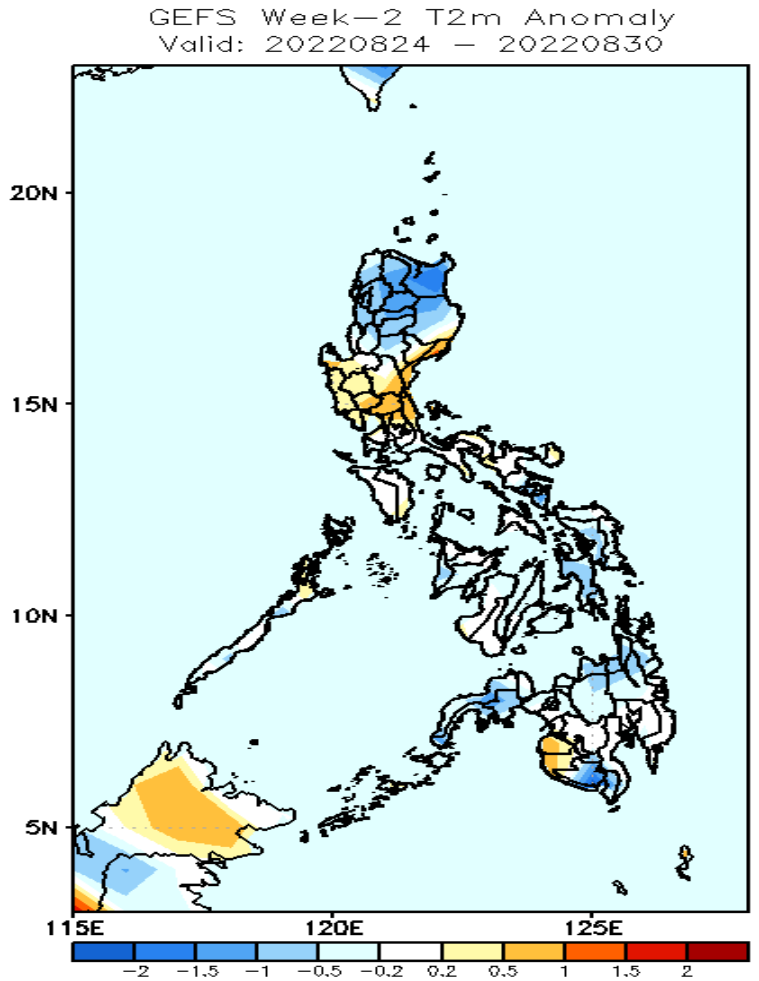
Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Aug 15-21, 2022

Near to cooler than average surface air temperature will likely experience in most parts of the country except in Misamis Oriental and during the forecast period.



2m Temperature Week 2: Aug 22-28, 2022

Cooler than average surface air temperature will likely experience in most parts of northern Luzon and South Cotabato, near to slightly cooler in most parts of Visayas and Mindanao while slightly to warmer than average temperature in Central Luzon, Maguindanao and South Cotabato during the forecast period.