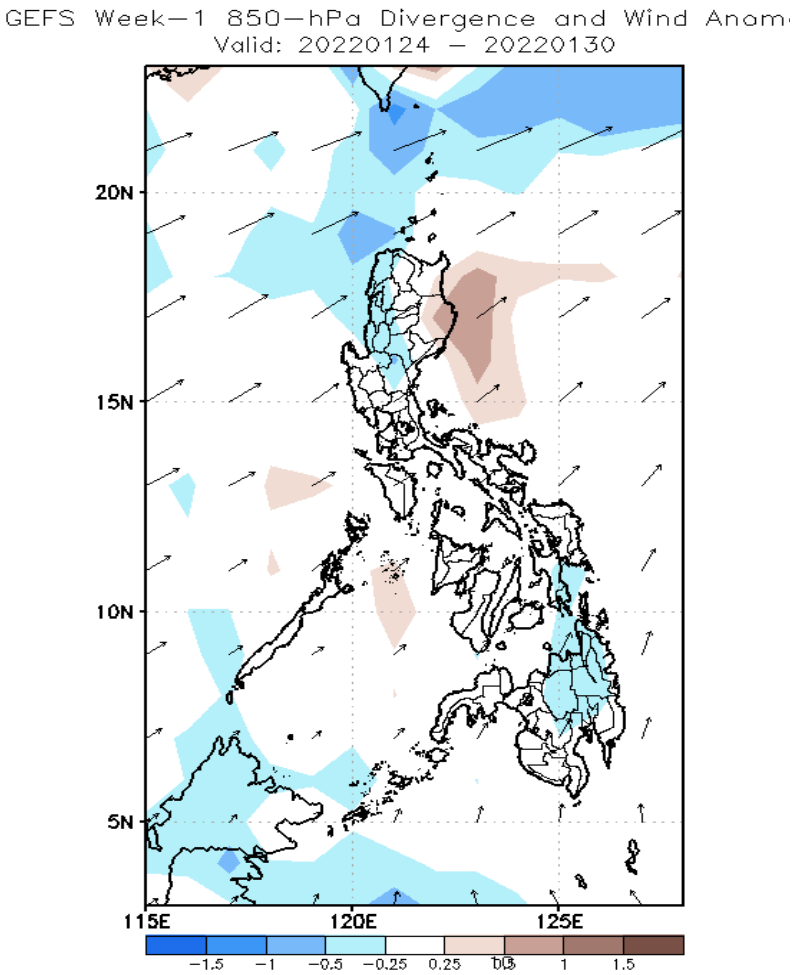
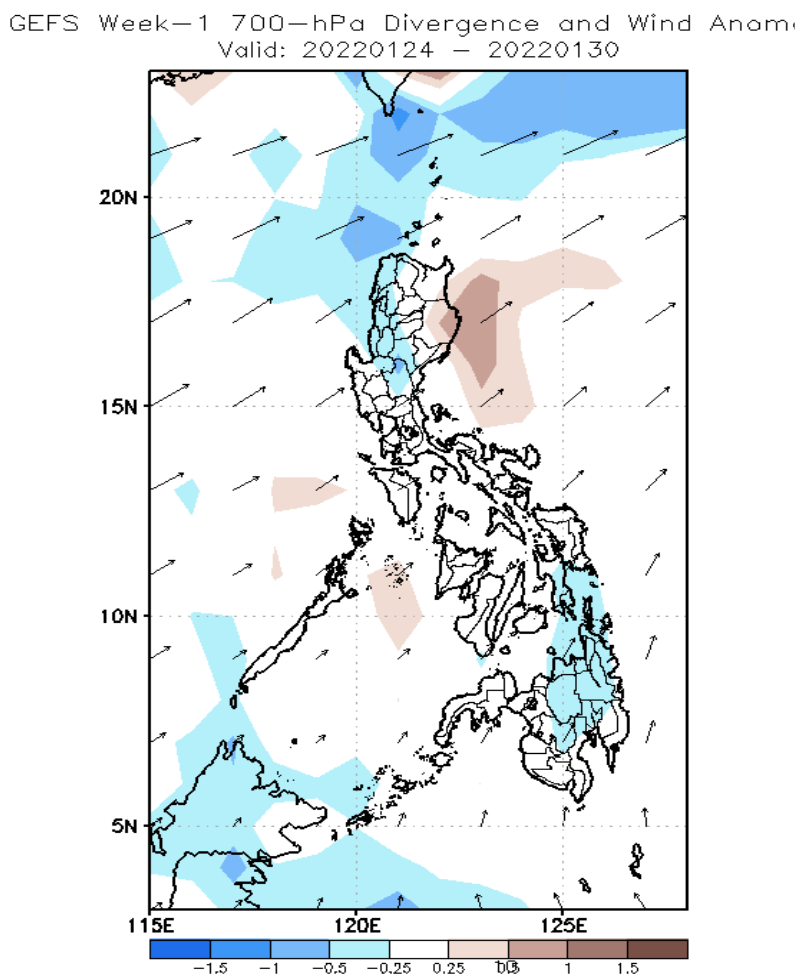
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

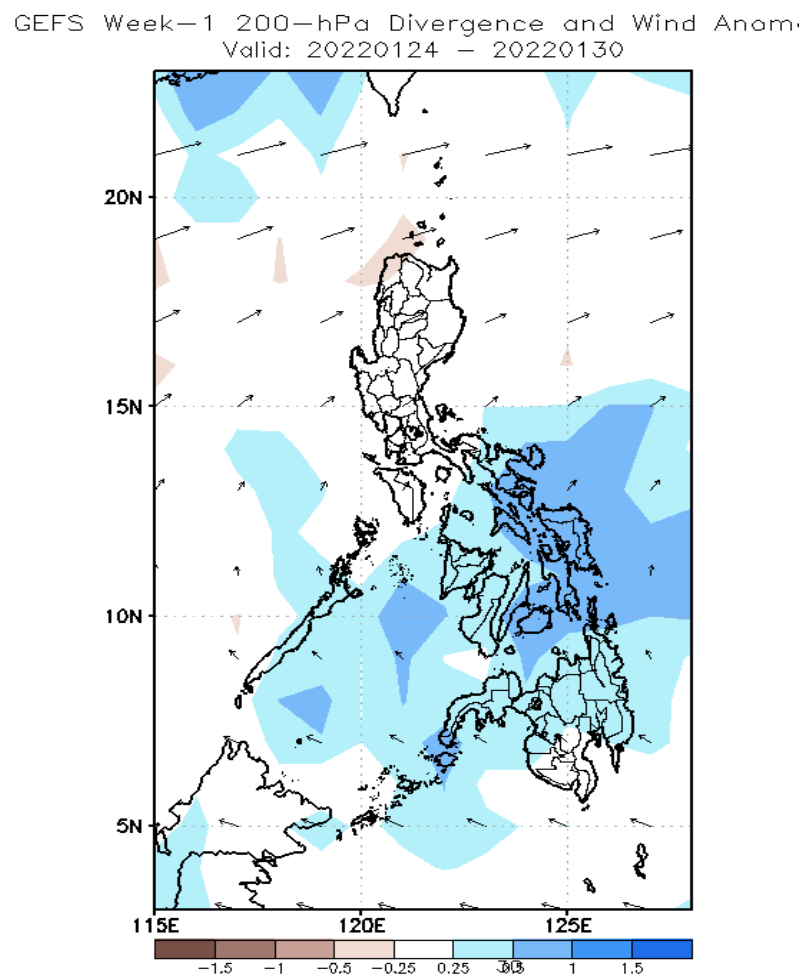
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Jan 24-30, 2022



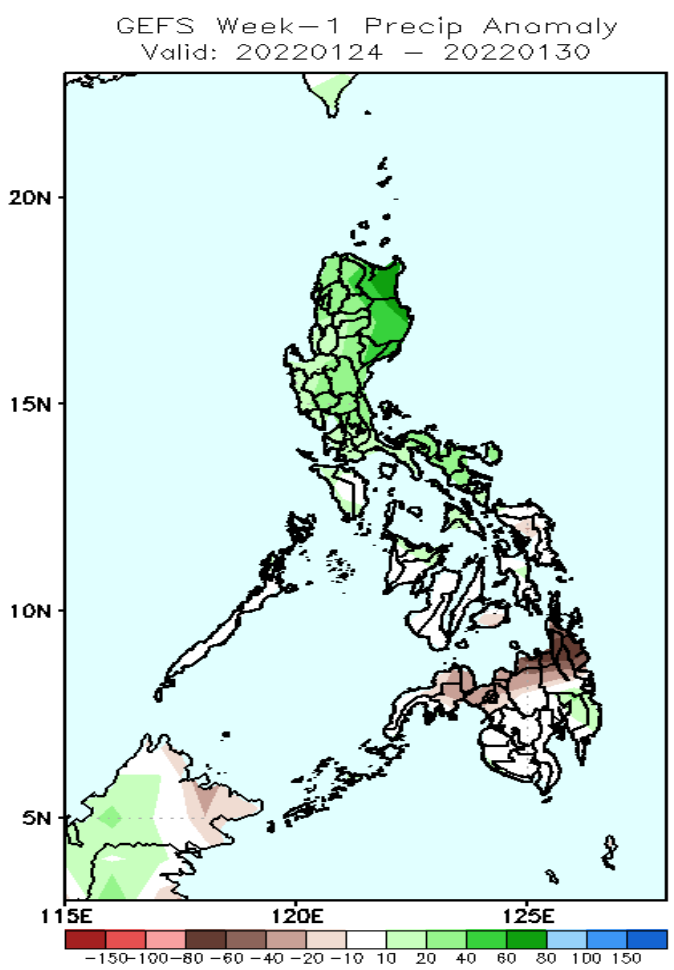




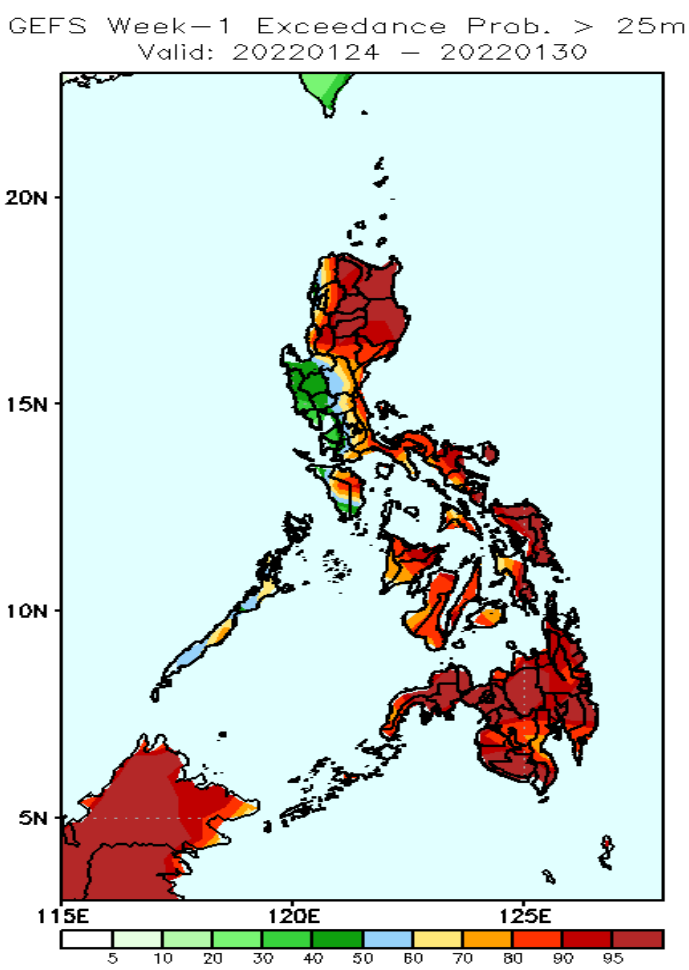
Upper and low level Divergence suggest a likelihood of light to moderate precipitation in Bicol Region and most parts of Visayas and Mindanao. Northeast Monsoon affecting Northern Luzon while Easterlies affecting the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

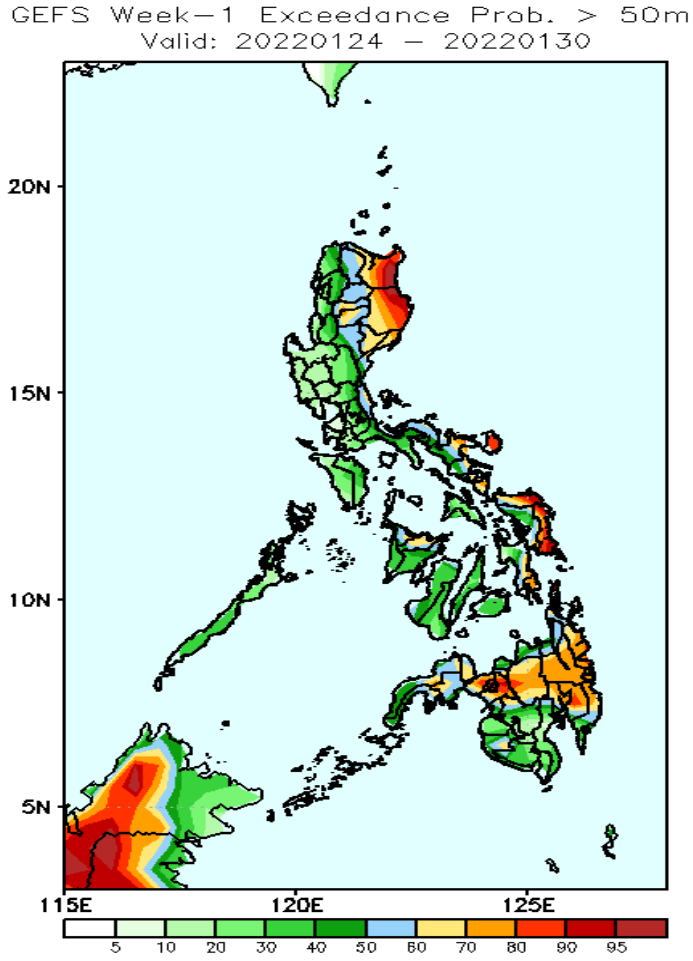
Week 1: Jan 24-30, 2022



Increase of rainfall of 20-80mm is expected in most parts of Luzon (especially in the eastern section) while rainfall deficit of 20-80mm in northern Mindanao during the forecast period.



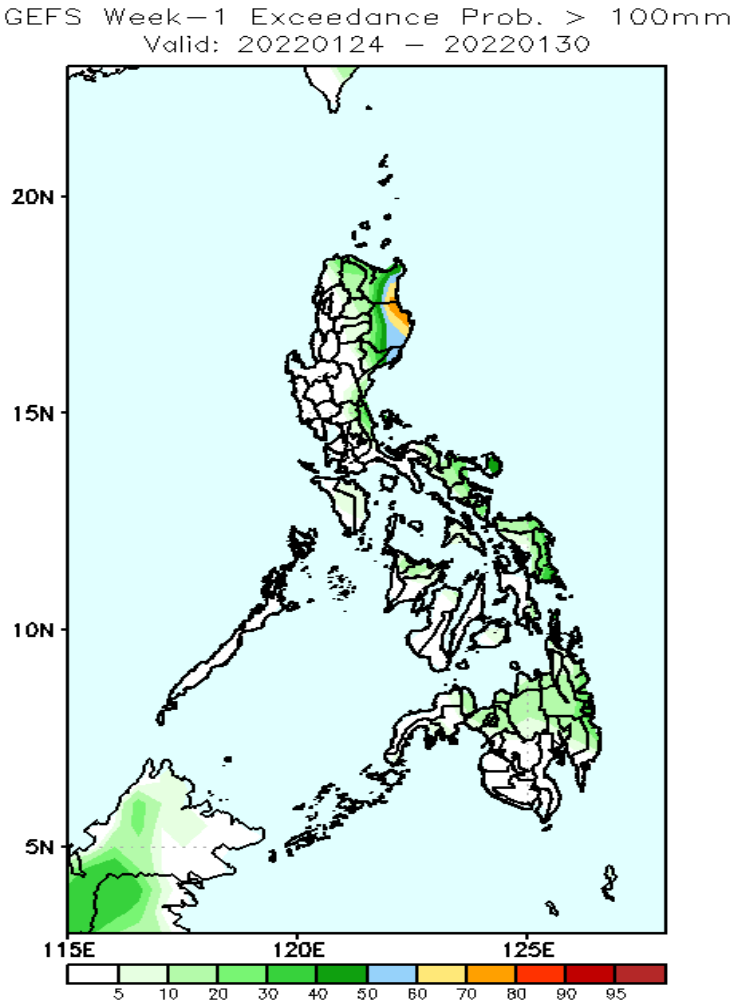
High probability of rainfall to exceed 25mm in most parts of the country except in the eastern section of Luzon where there is low probability during the forecast period.



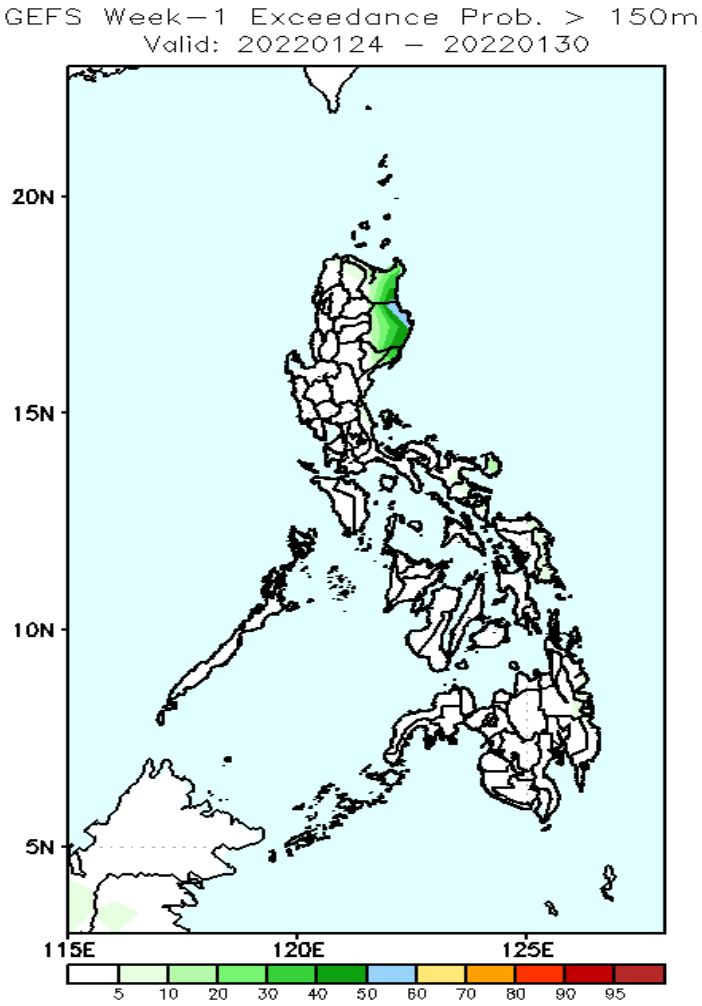
60-95% probability of rainfall to exceed 50mm in Cagayan Valley, Camarines Sur, Catanduanes, Northern & Eastern Samar and northern Mindanao while less likely for the rest of the county during the forecast period.

Exceedance Probability > 100/150/200 mm

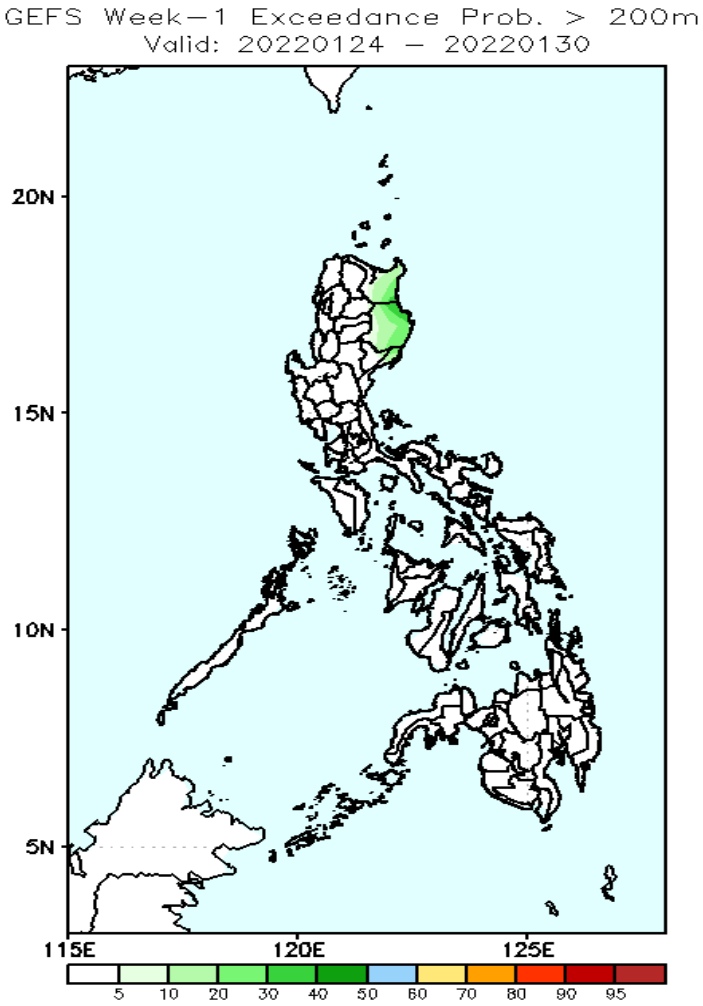
Week 1: Jan 24-30, 2022



50-85% probability of rainfall to exceed 100mm in Cagayan & Isabela while less likely for the rest of the country during the forecast period.



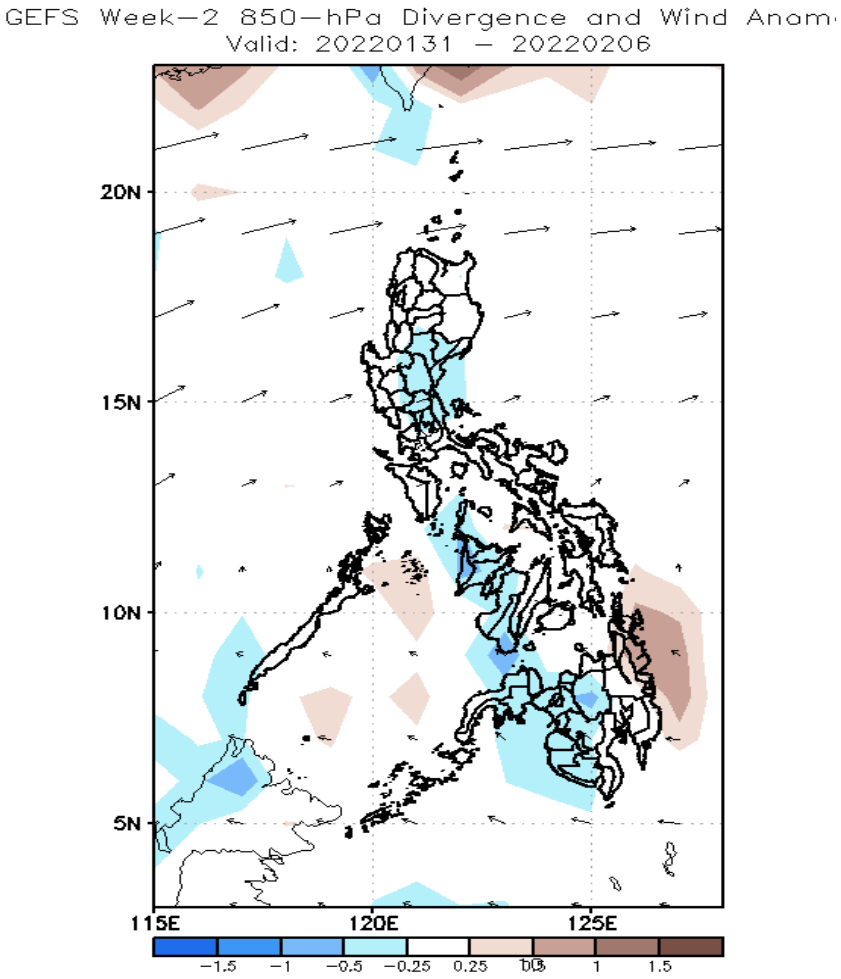
Low probability of rainfall to exceed 150mm in most parts of the country is expected during the forecast period.

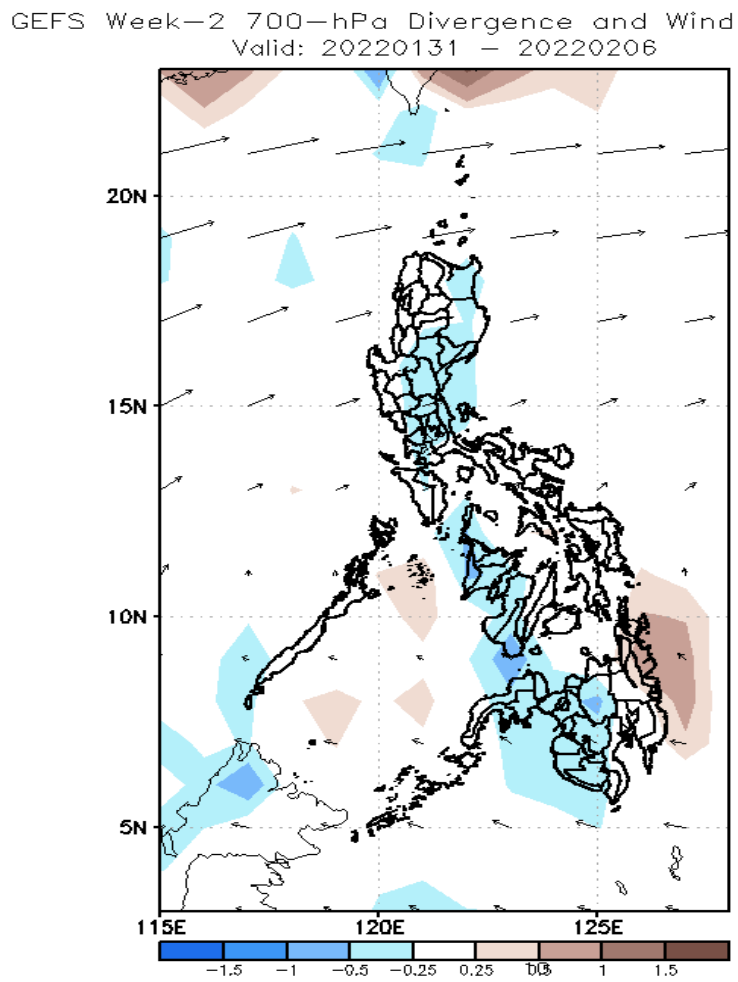


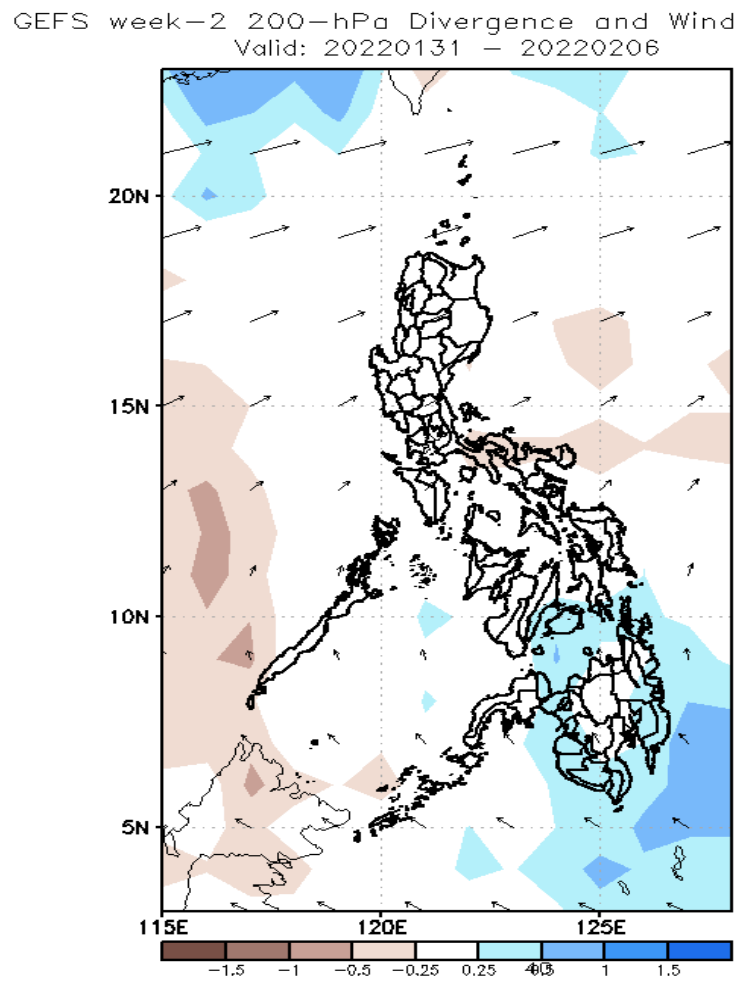
Low probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Jan 31- Feb 06, 2022



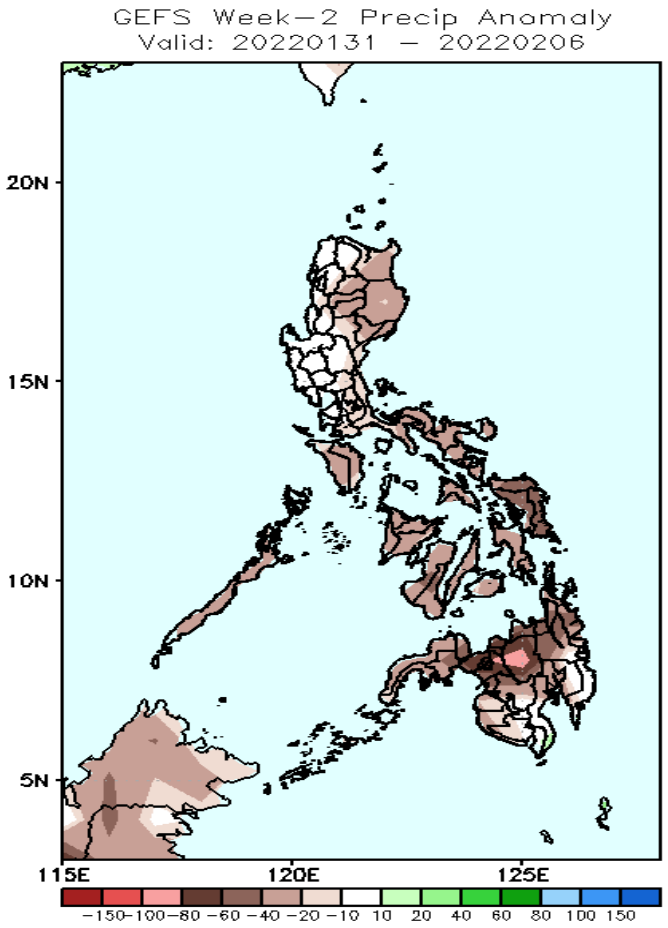




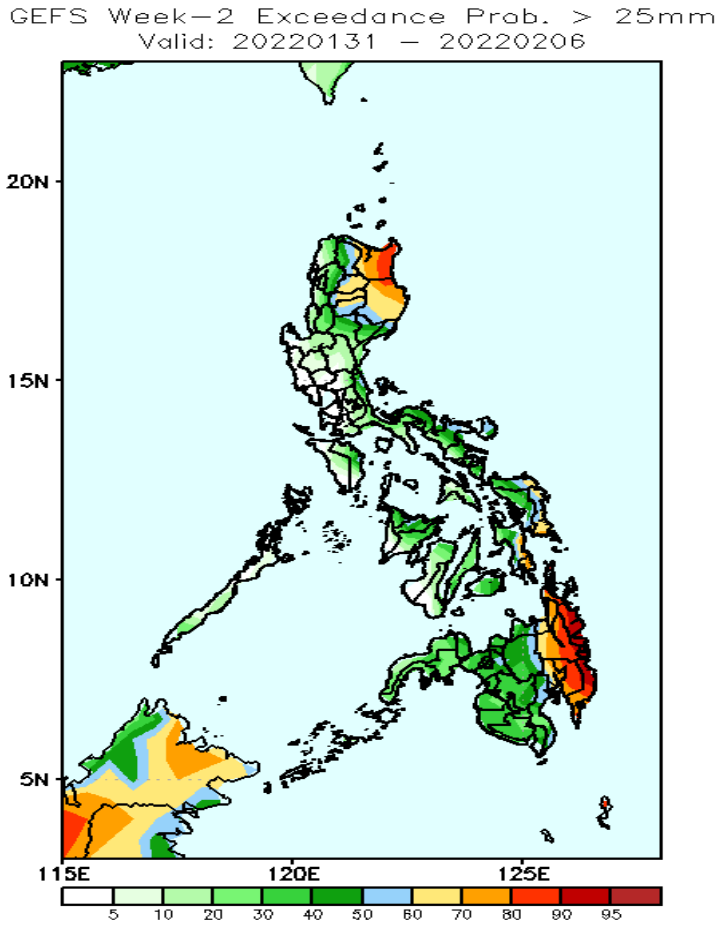
Upper and low level Divergence suggest likelihood of light precipitation in some parts of Southern Visayas and most parts of Mindanao. Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

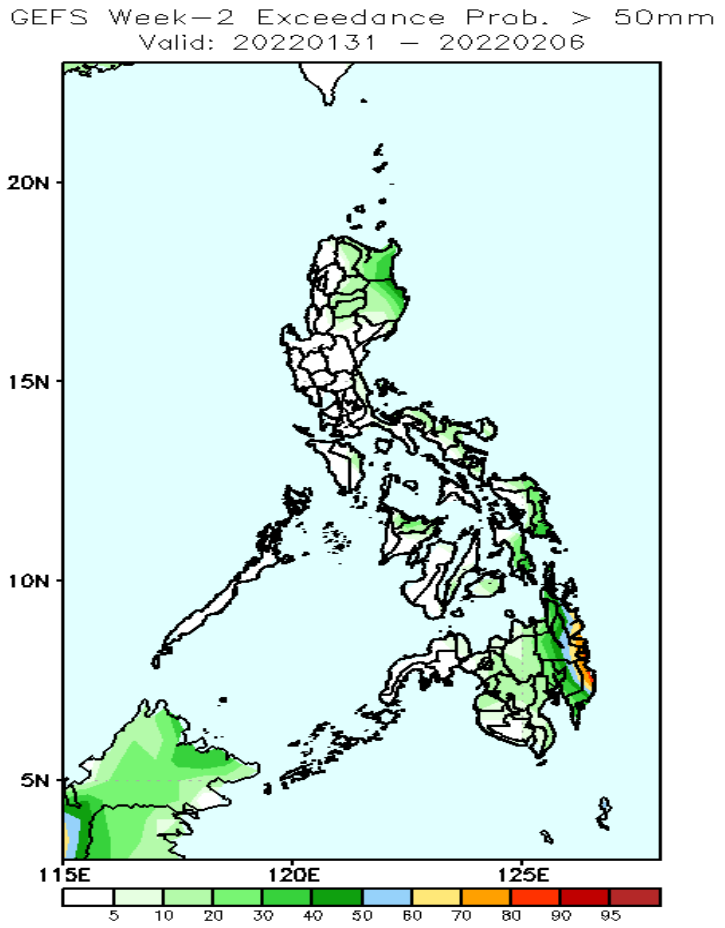
Week 2: Jan 31- Feb 06, 2022



Rainfall deficit 40-80mm is expected in most parts of the country and up to 100mm in Bukidnon during the forecast period



80-95% probability of rainfall to exceed 25mm in Cagayan, Isabela and eastern Mindanao while less likely for the rest of the country during the forecast period.



Low probability of rainfall to exceed 50mm in most parts of the country is expected except in eastern parts of CARAGA and Davao Region where there is 60-80% probability during the forecast period.

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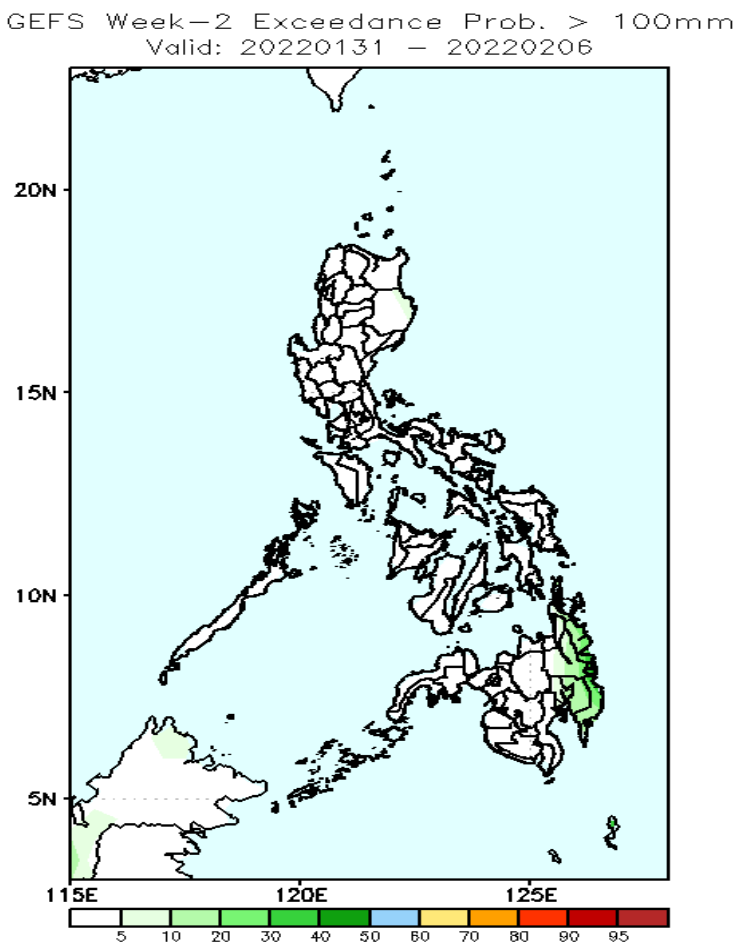
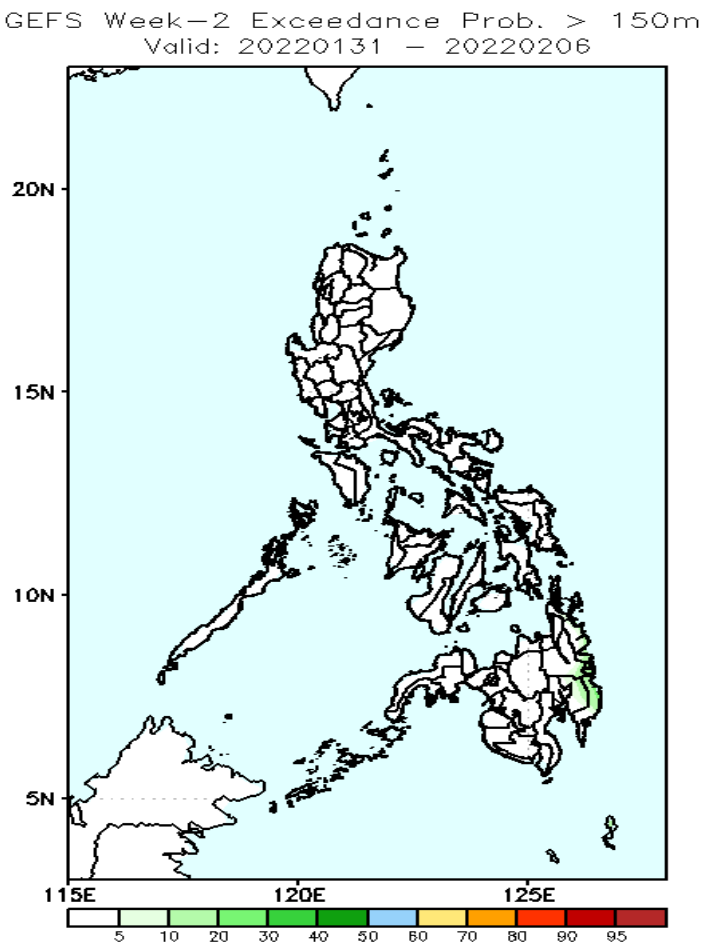
Exceedance Probability > 100/150/200 mm

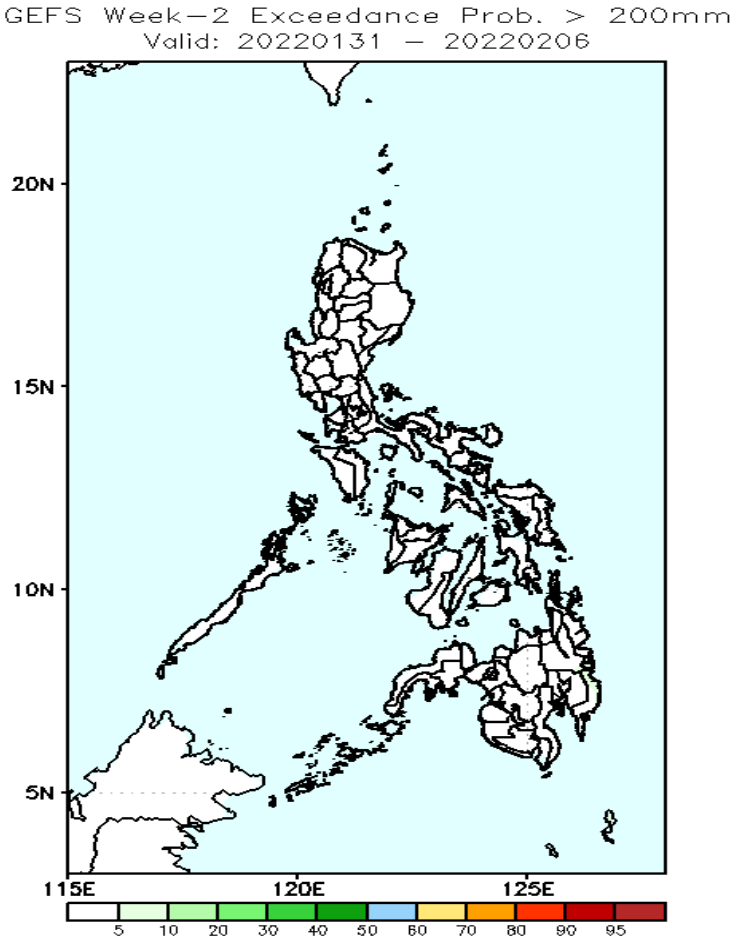
Week 2: Jan 31- Feb 06, 2022



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



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



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

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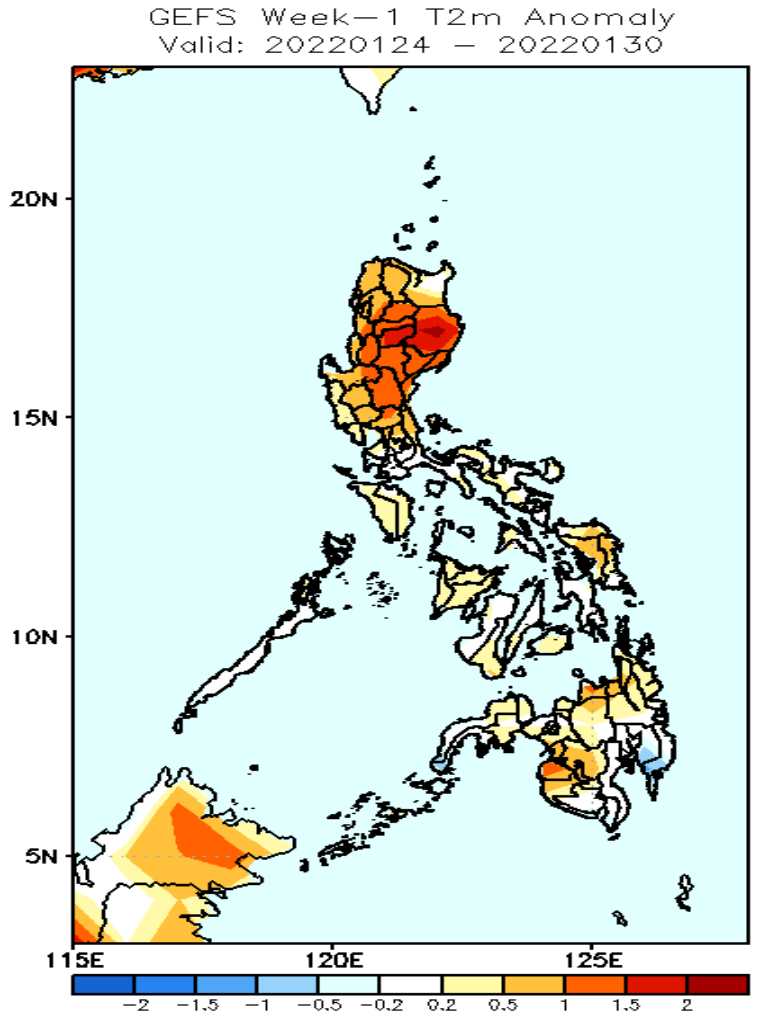
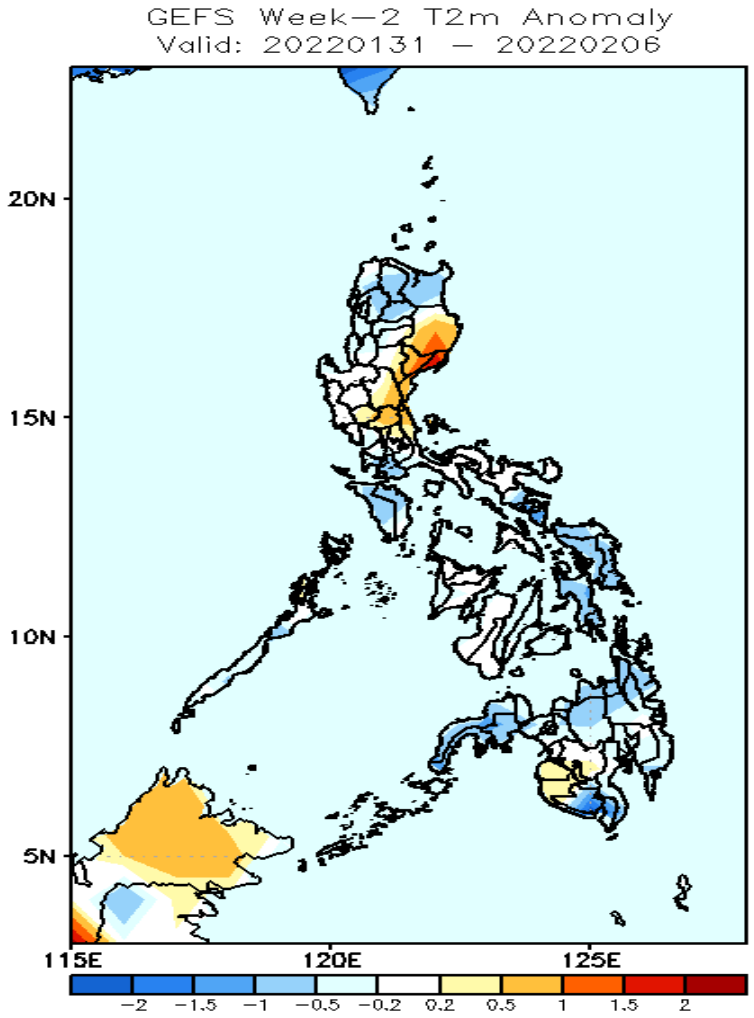
GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Jan 24-30, 2022

Warmer than average surface air temperature will likely experience in most parts Luzon while slightly warmer than average in most parts of Visayas & Mindanao during the forecast period.



2m Temperature Week 2: Jan 31- Feb 06, 2022

Average to slightly cooler than average surface air temperature will likely experience in most parts of the country except in eastern parts of Cagayan Valley where slightly warmer to warmer than average temperature is expected during the forecast period.