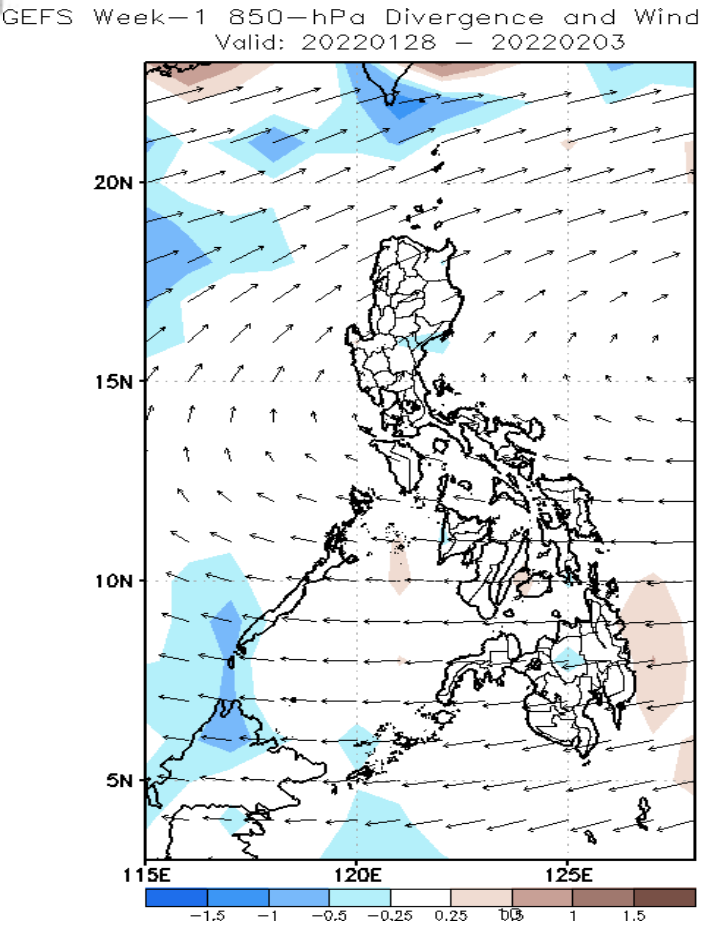
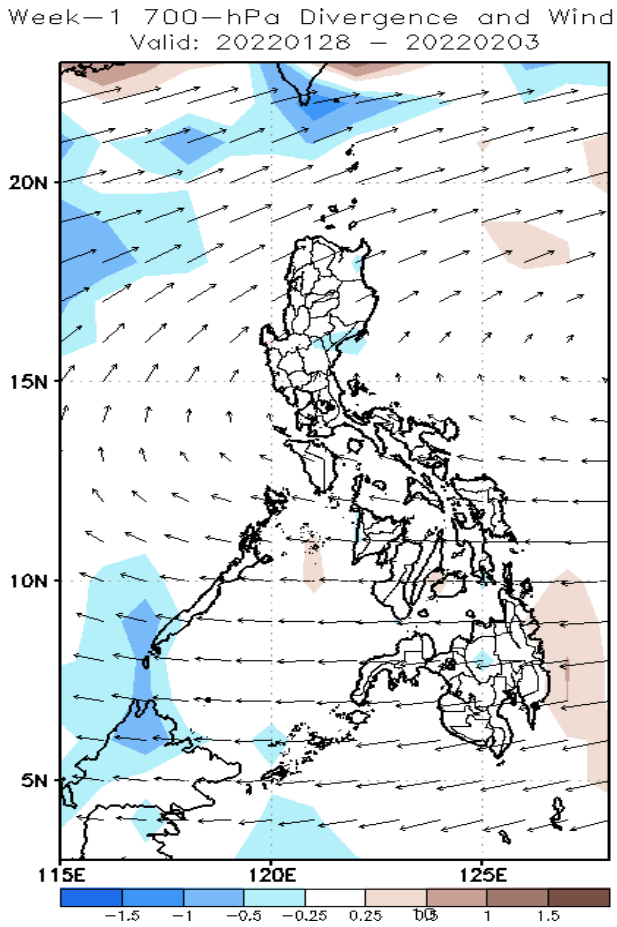
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

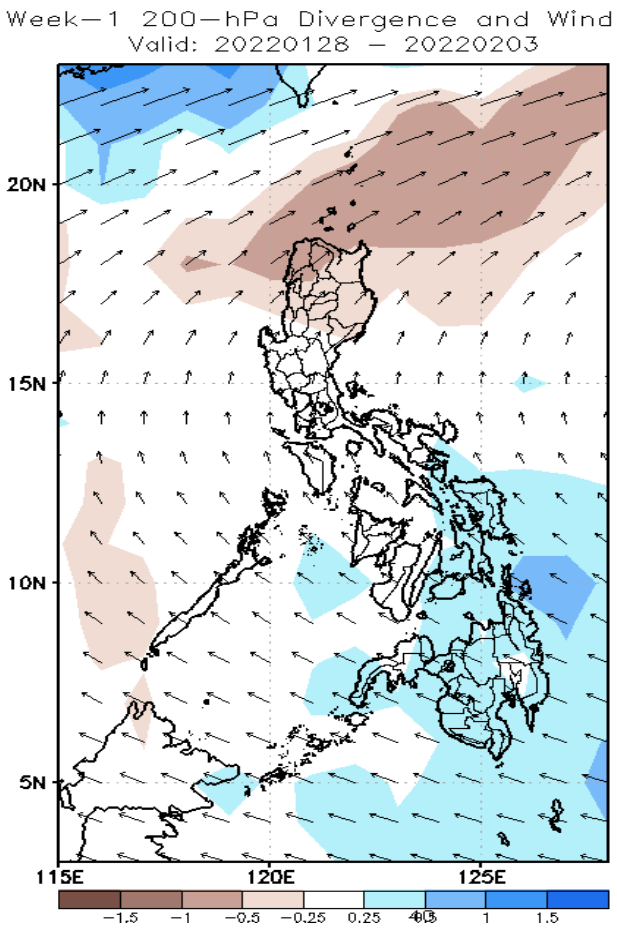
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Jan 28-Feb 03, 2022



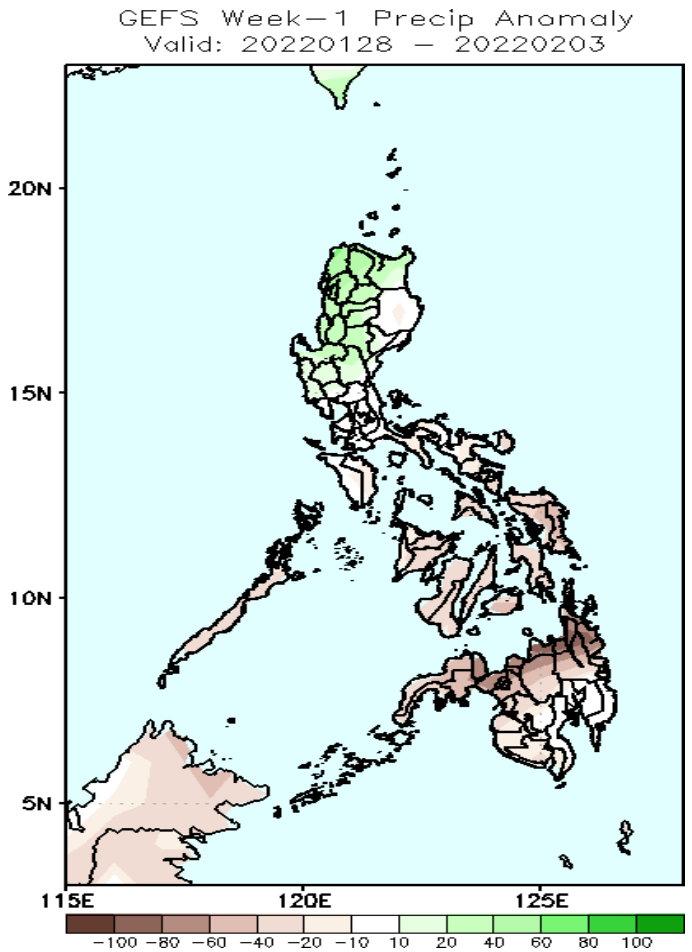




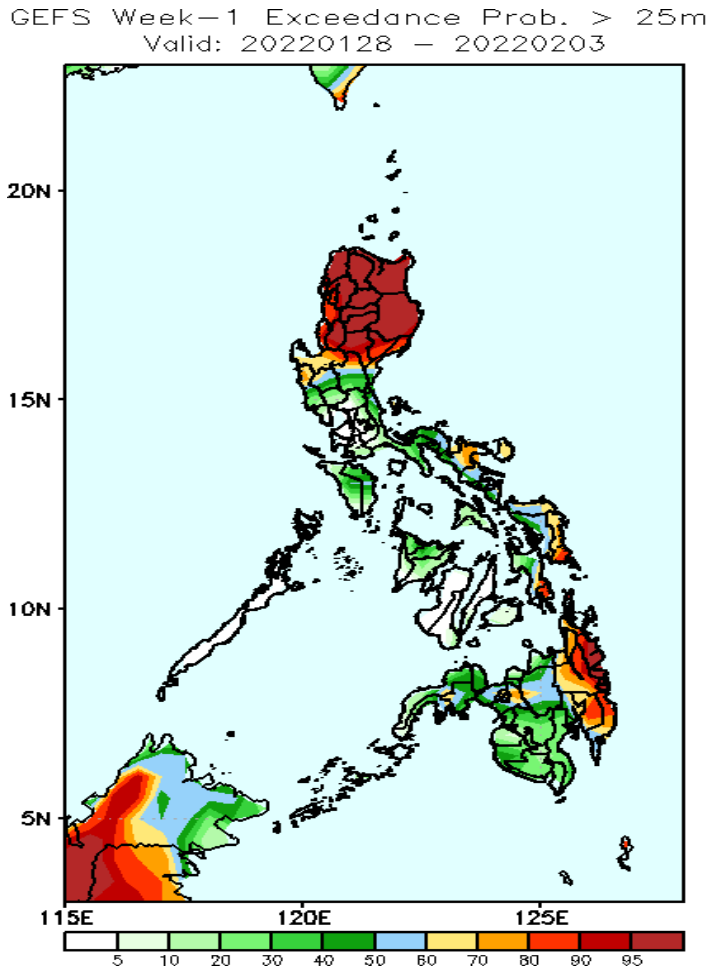
Upper and low level Divergence suggest a likelihood of light to moderate precipitation in Sorsogon, Eastern and Visayas and most parts of Mindanao. Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

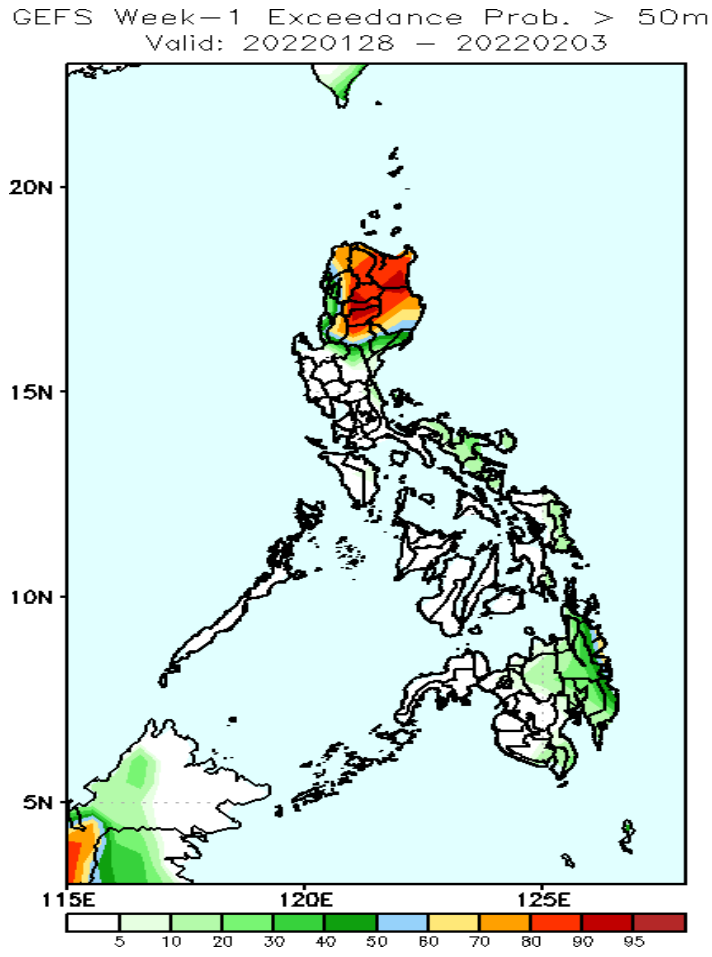
Week 1: Jan 28-Feb 03, 2022



Increase of rainfall of 20-60mm is expected in most parts of western Luzon while rainfall deficit of 20-80mm in Visayas & Mindanao during the forecast period.



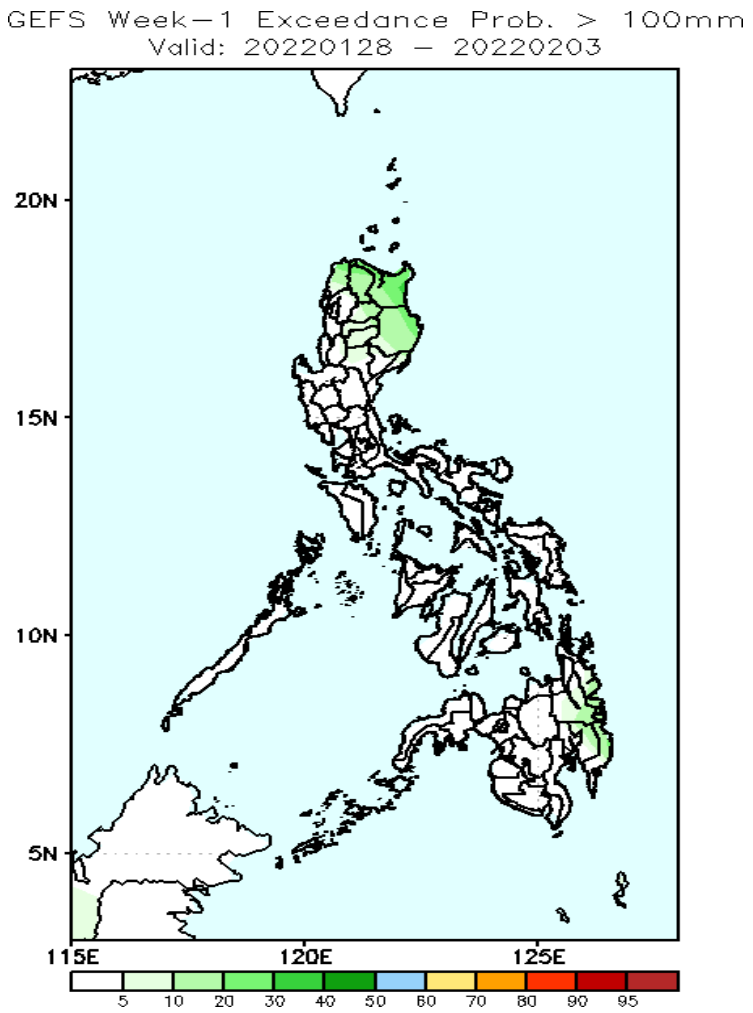
High probability of rainfall to exceed 25mm in most parts of Ilocos Region, CAR and Cagayan Valley Region, Aurora, Camarines Sur, Eastern Samar, Southern Leyte, and most parts of CARAGA & Davao Region while less likely for the rest of the country during the forecast period.



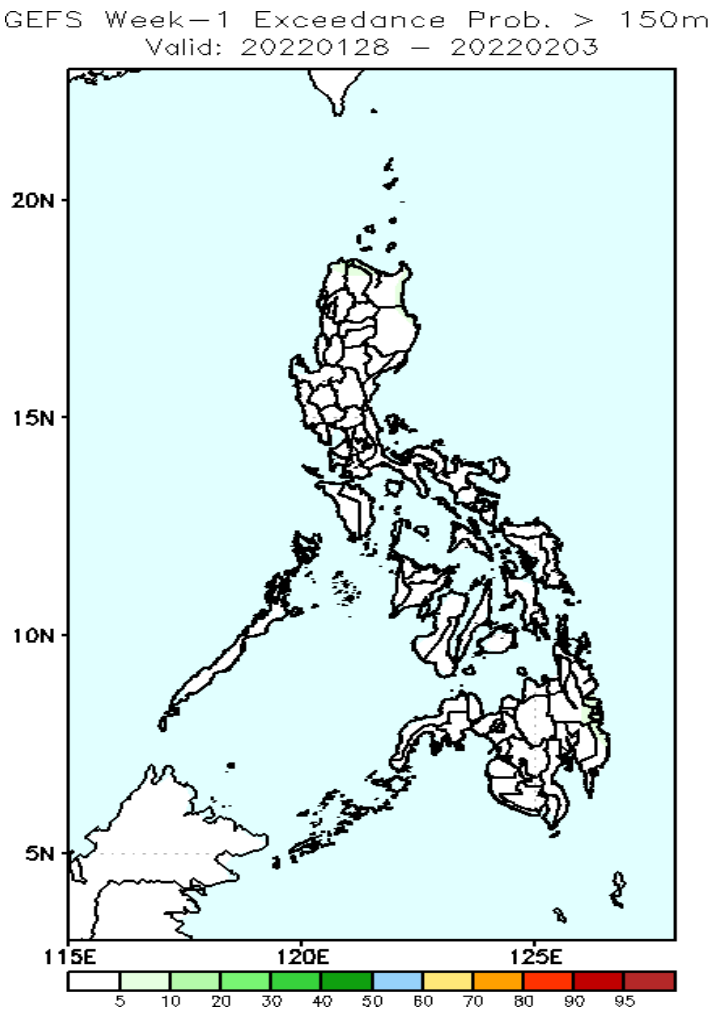
High probability of rainfall to exceed 50mm in most parts of Northern Luzon while less likely for the remaining parts of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

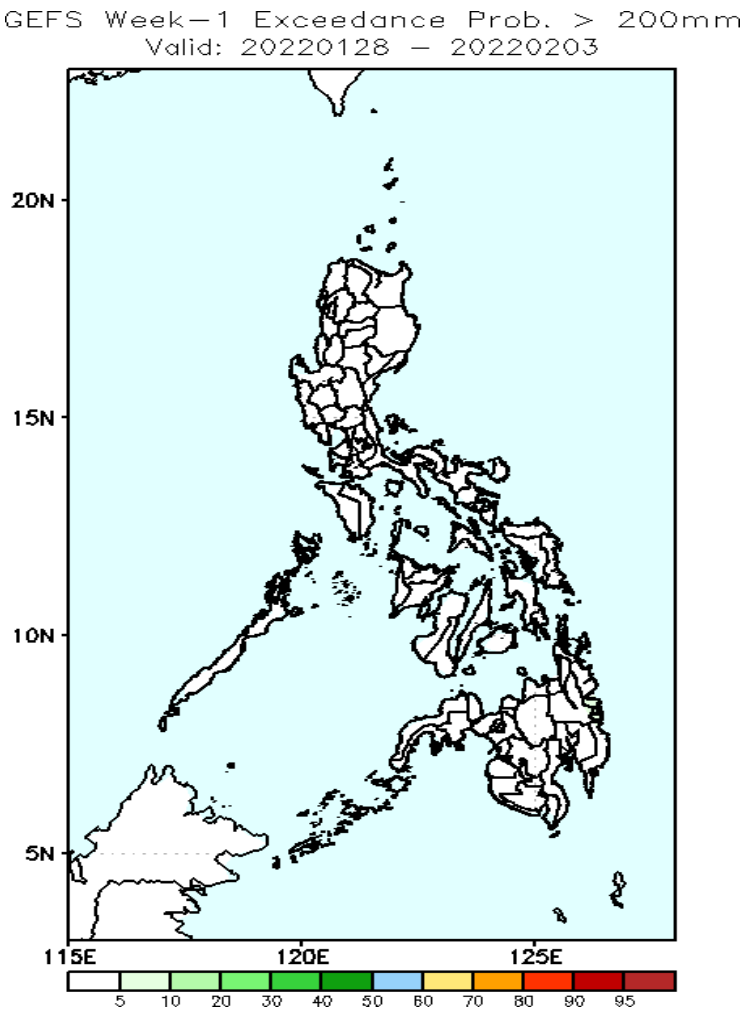
Week 1: Jan 28-Feb 03, 2022



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



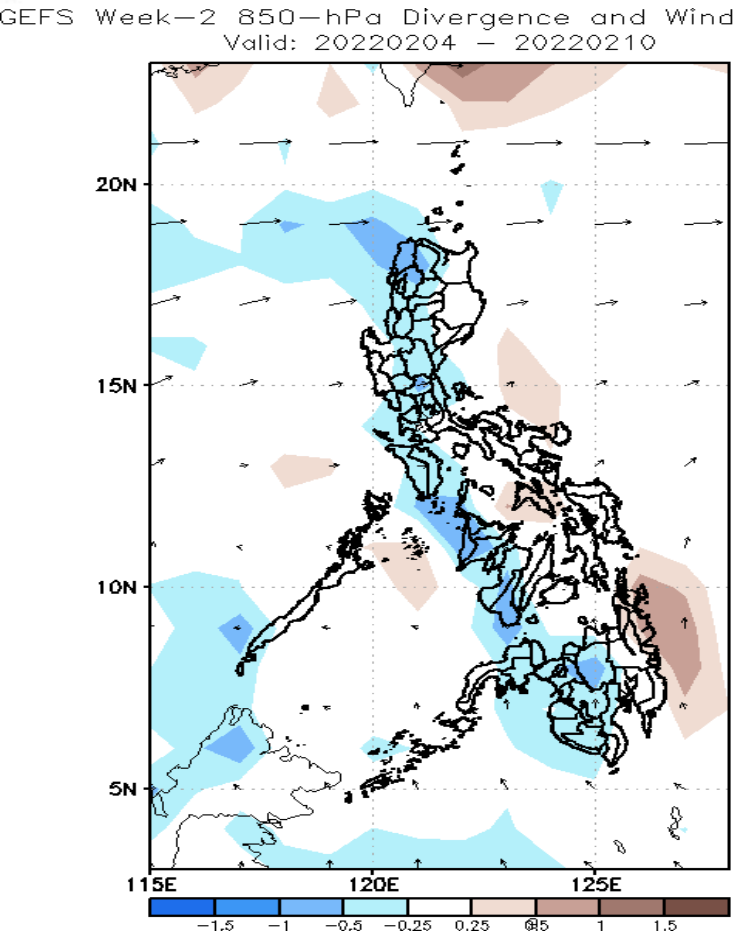
Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

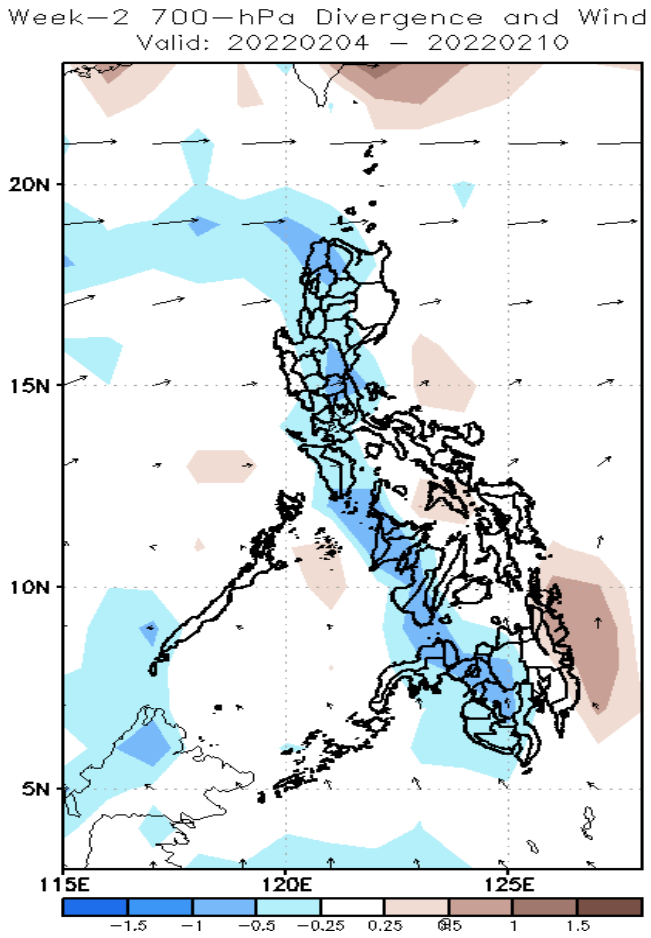


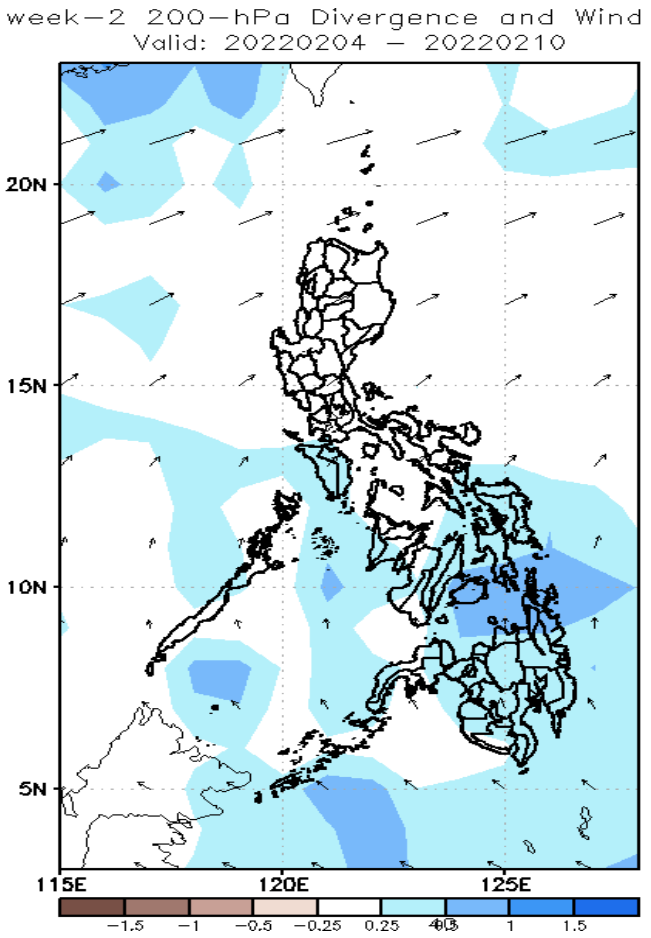
Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Feb 04-10, 2022



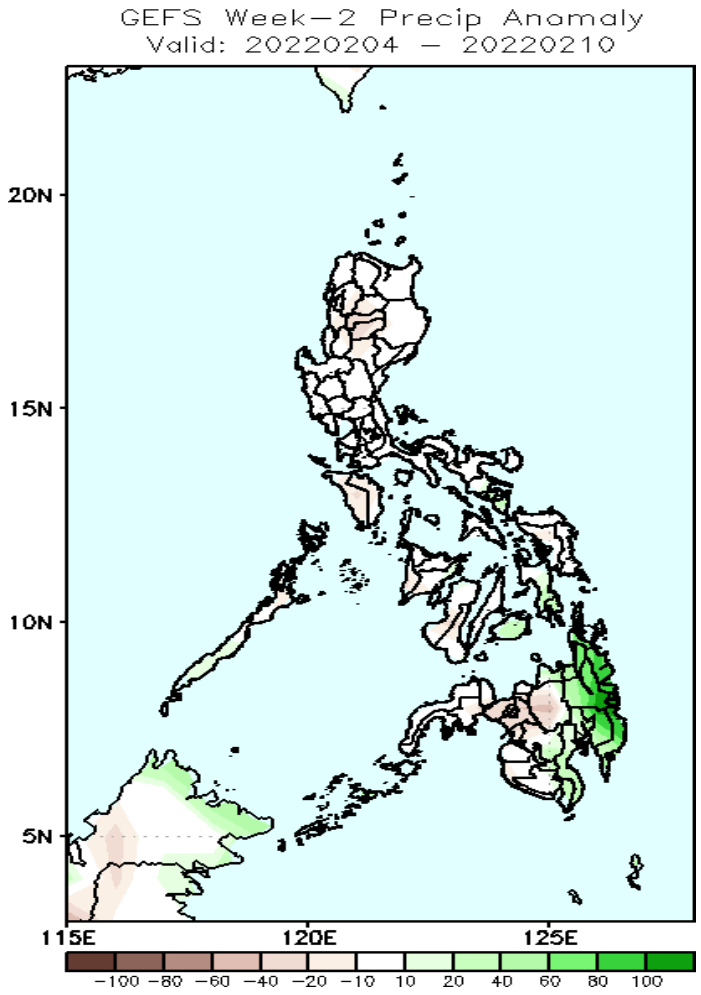




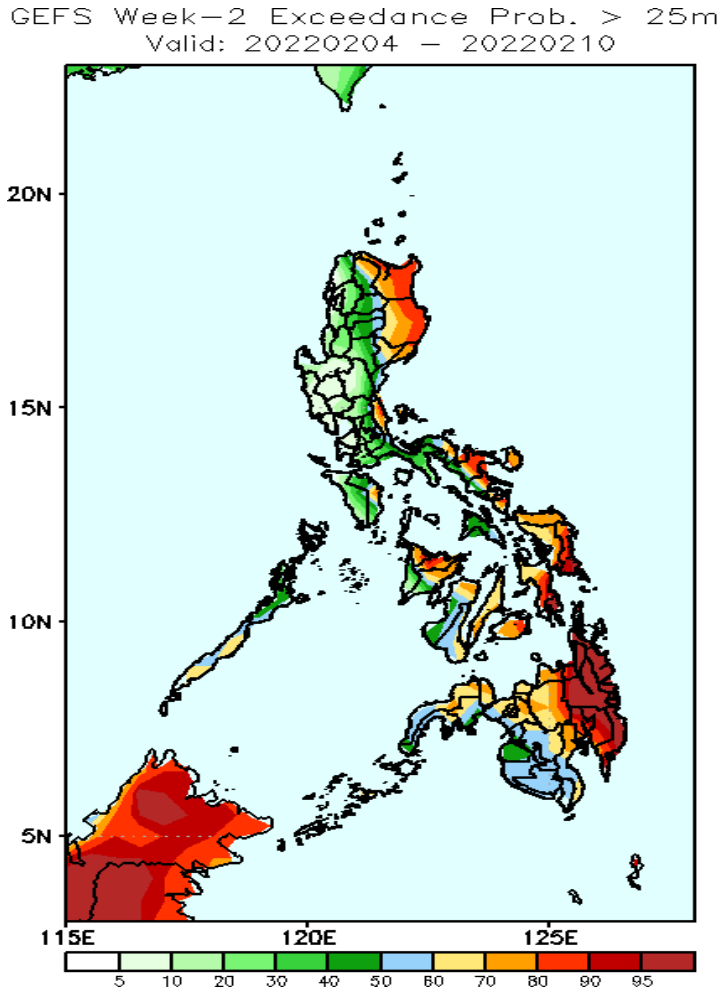
Upper and low level Divergence suggest a likelihood of light to moderate precipitation in MIMAROPA and most parts of Visayas and Mindanao. Northeast Monsoon affecting Northern Luzon while Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

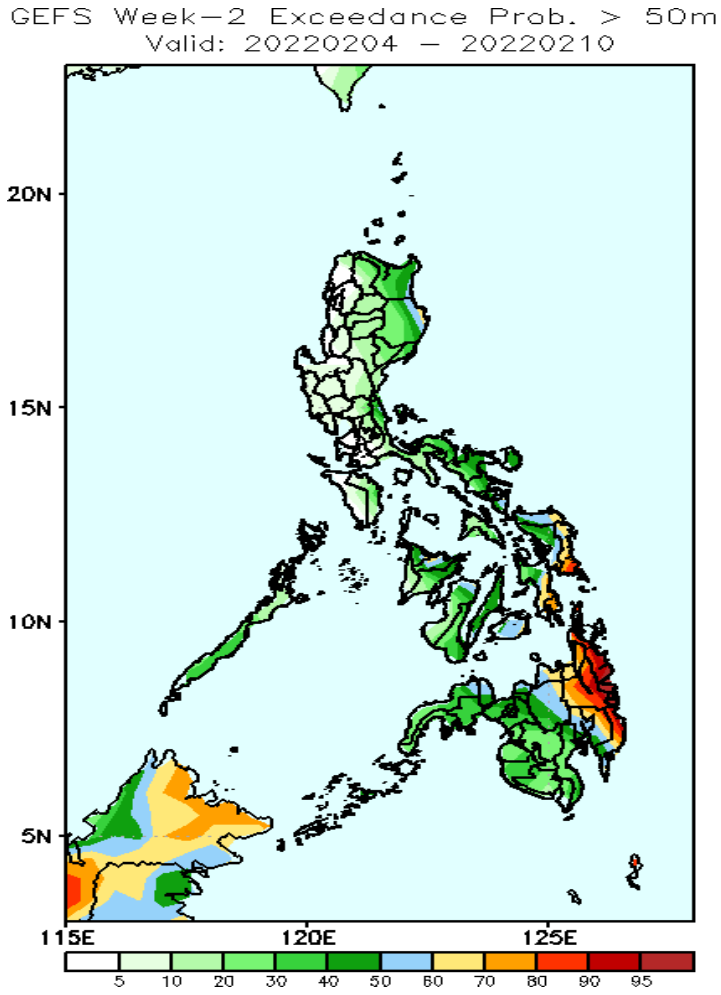
Week 2: Feb 04-10, 2022



Increase of rainfall of 80-100mm in the easter parts of Mindanao is expected during the forecast period



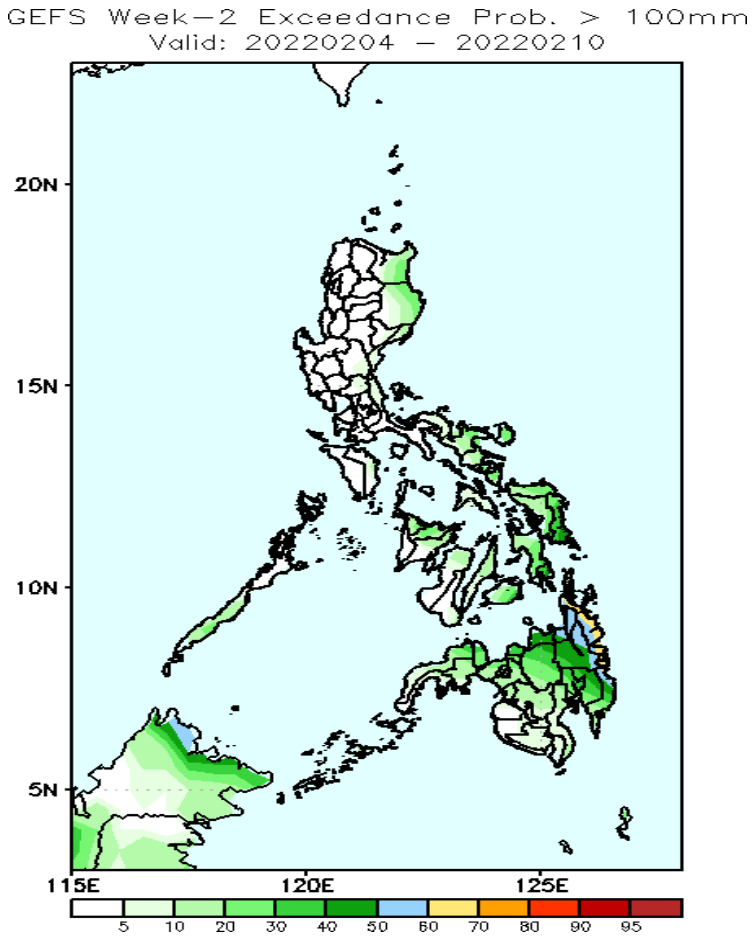
70-100% probability of rainfall to exceed 25mm in Apayao, Cagayan, Isabela, Rizal and most parts of Bicol Region, Visayas & Mindanao while less likely for the rest of the country during the forecast period.



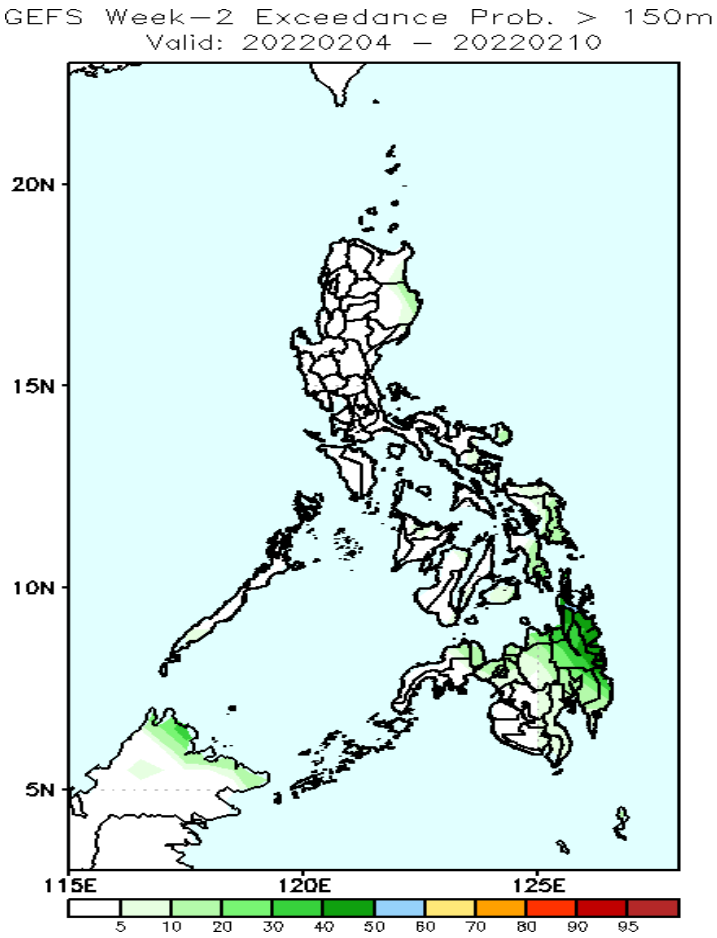
Low probability of rainfall to exceed 50mm in most parts of the country except in Eastern Samar, Southern Leyte and eastern parts of CARAGA & Davao Region during the forecast period.

Exceedance Probability > 100/150/200 mm

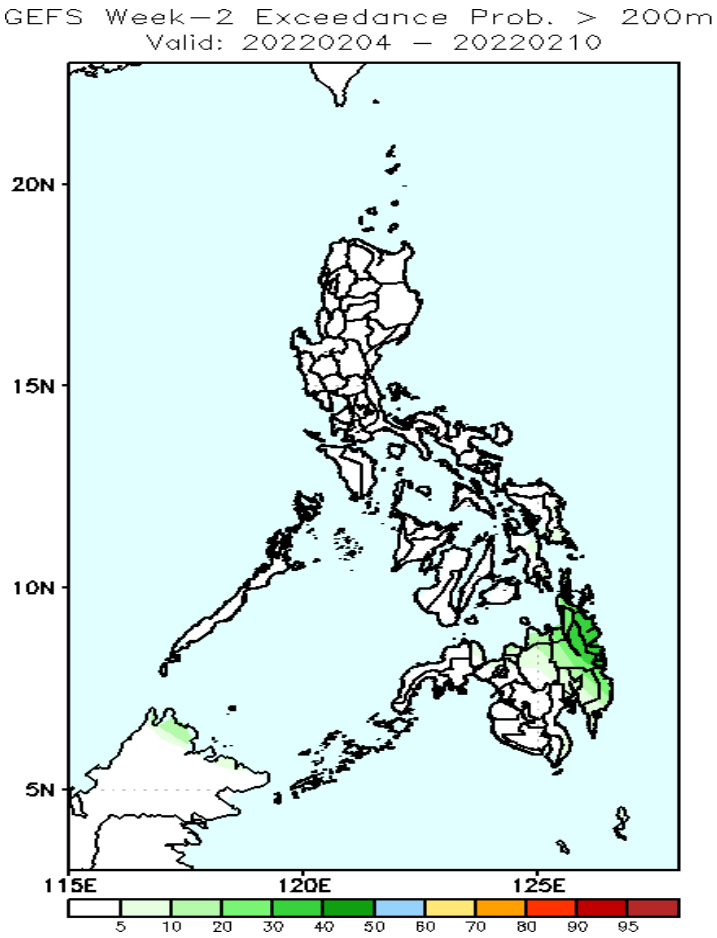
Week 2: Feb 04-10, 2022



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

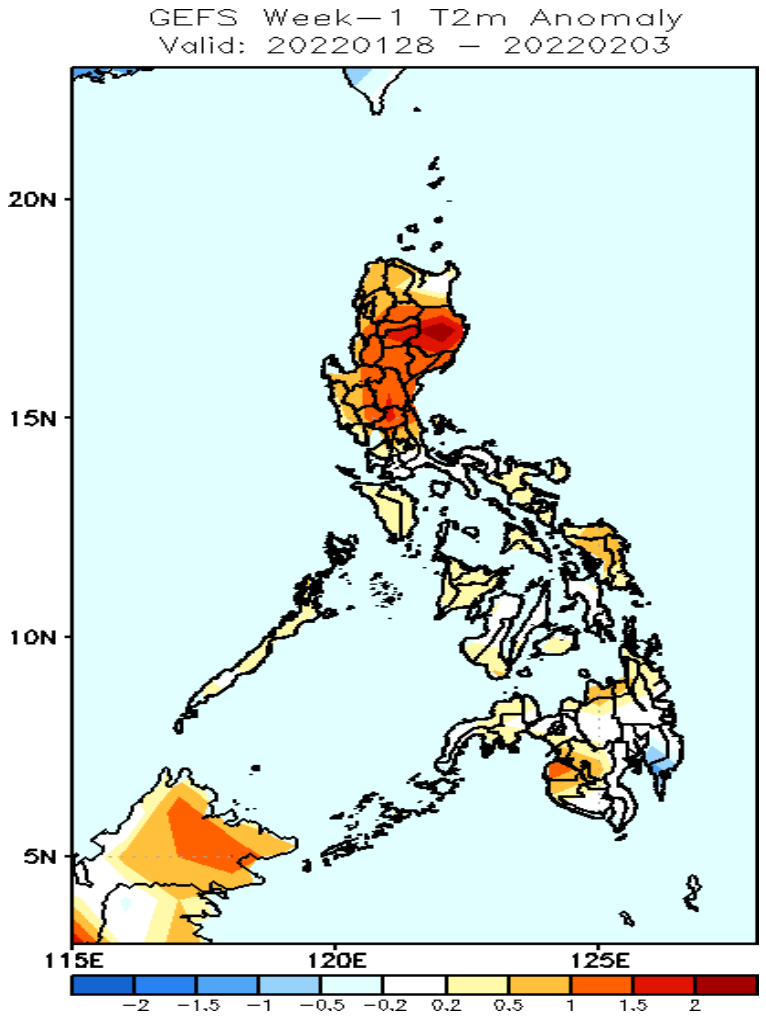


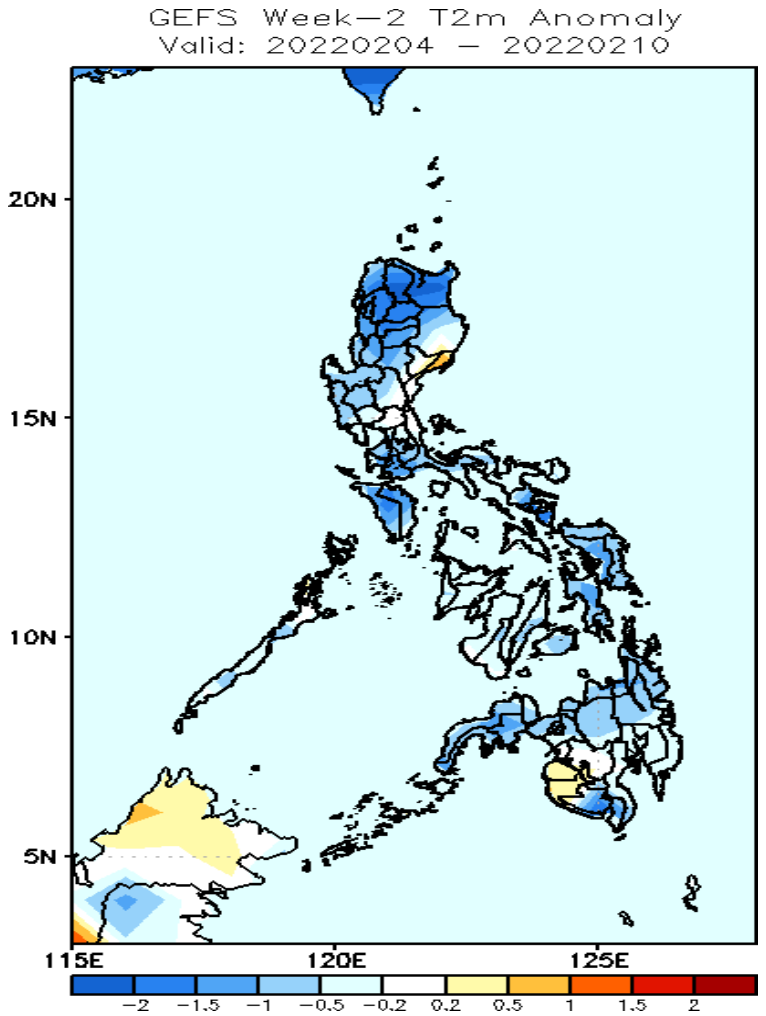
Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



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: Jan 28-Feb 03, 2022

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

2m Temperature Week 2: Feb 04-10, 2022

Slightly cooler to cooler than average surface air temperature will likely experience in most parts of the country during the forecast period.