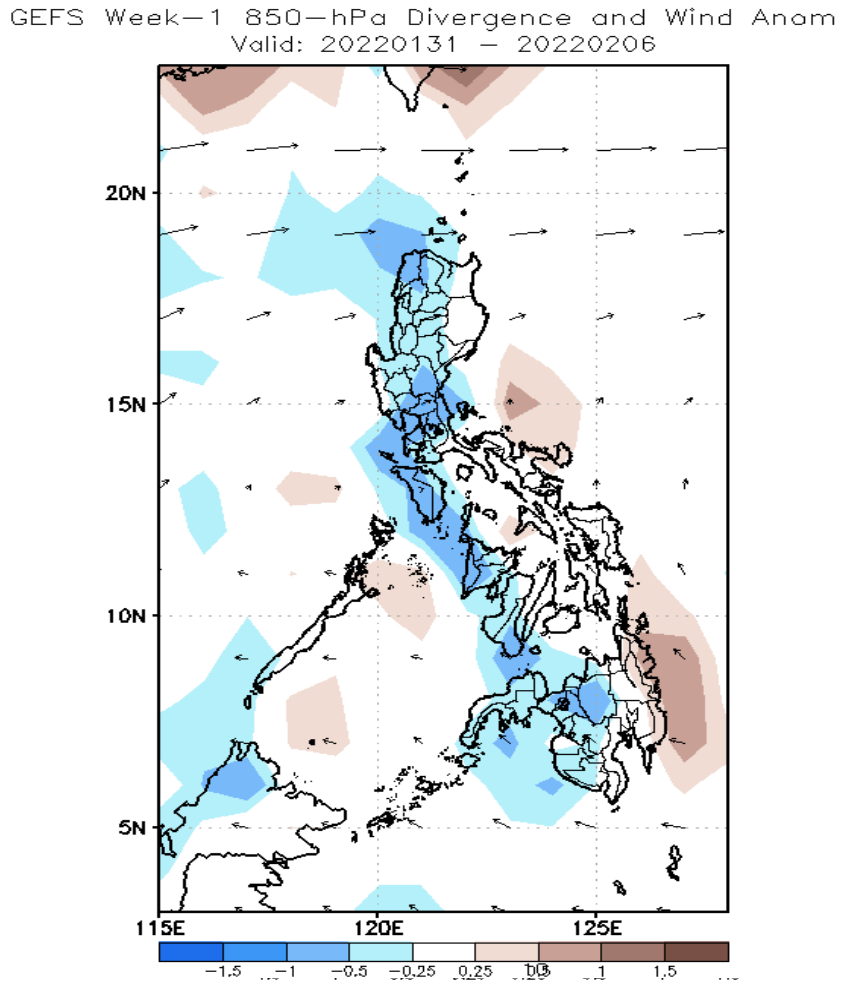
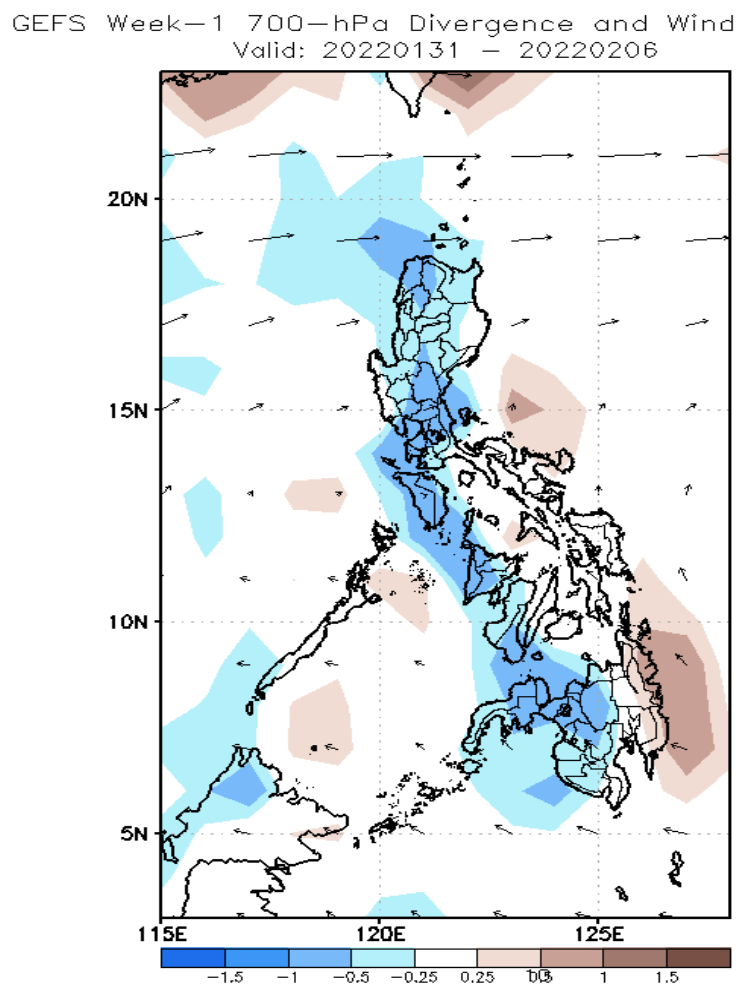
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

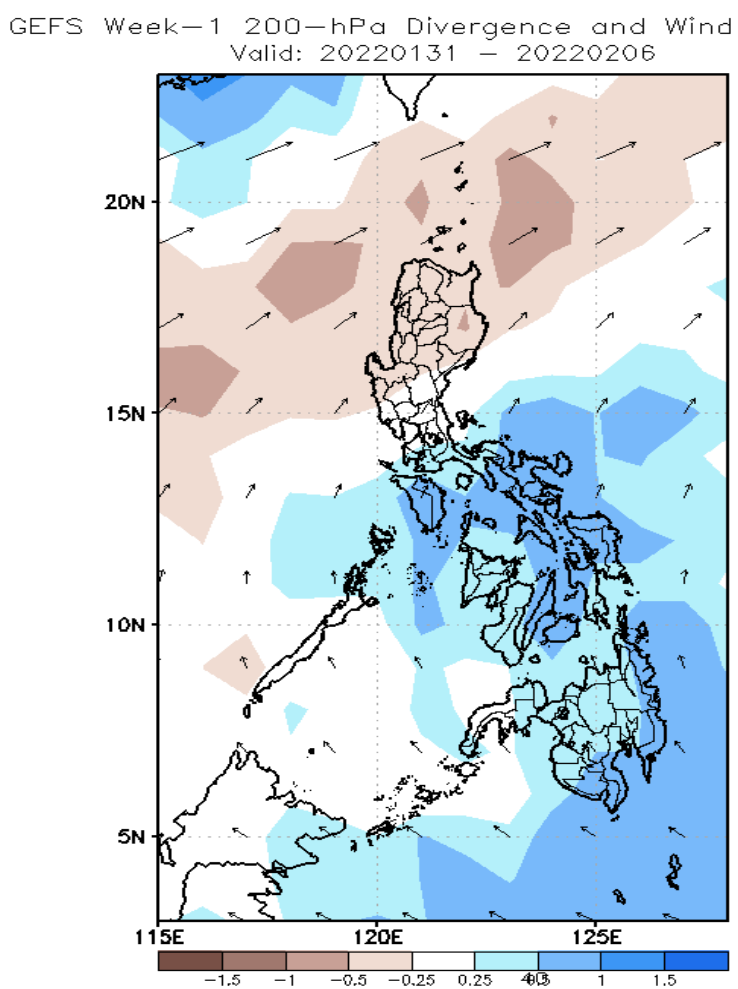
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Feb 02-08, 2022



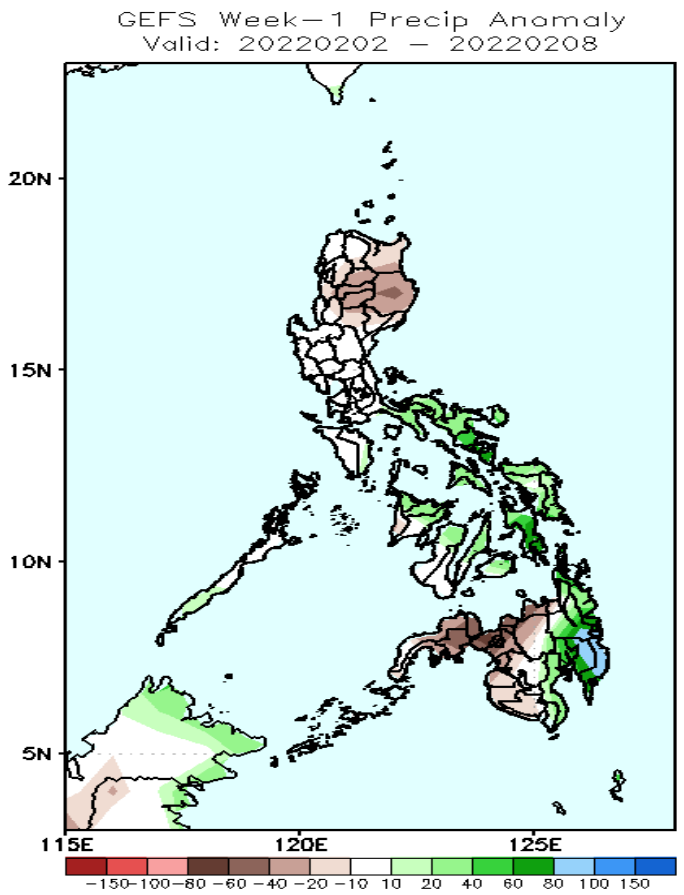




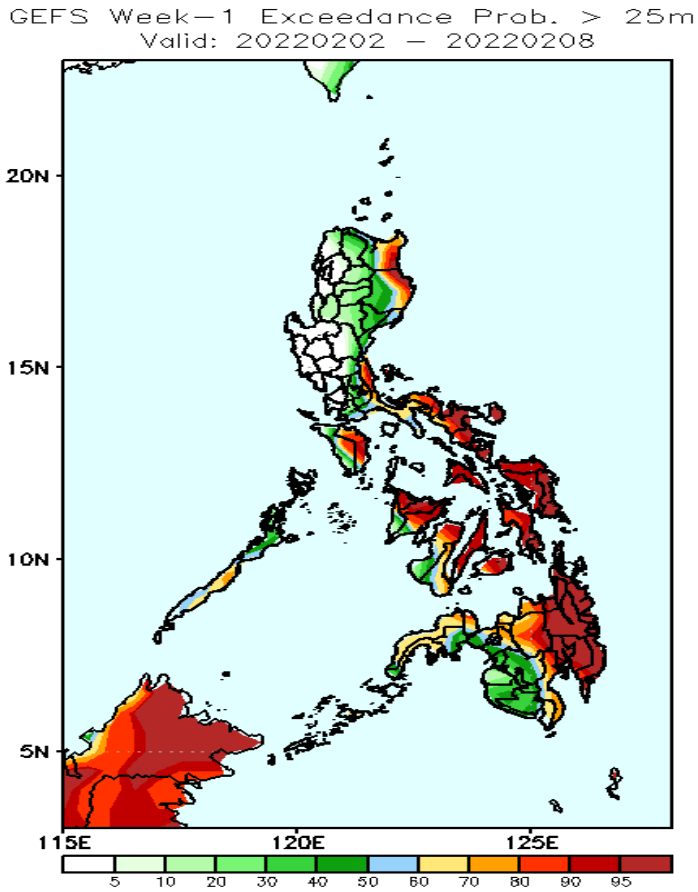
Upper and low level Divergence suggest a likelihood of light to moderate precipitation in most parts of Southern Luzon, Visayas and Mindanao. Northeast Monsoon affecting Northern Luzon while Easterlies affecting the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

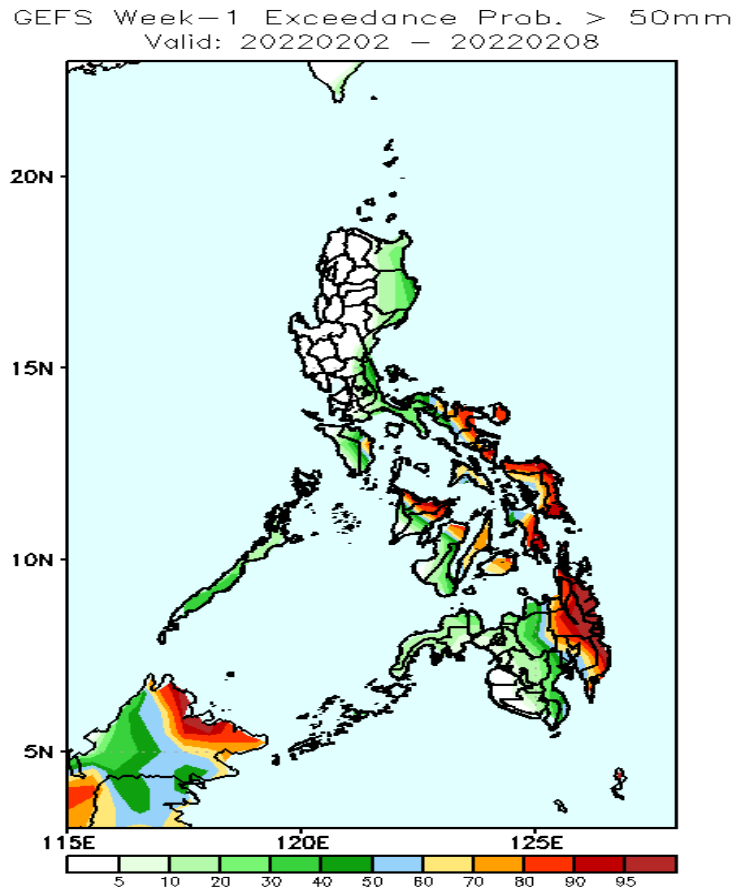
Week 1: Feb 02-08, 2022



Increase of rainfall of 20-80mm is expected in most parts of Bicol Region, Visayas and eastern parts of Mindanao while rainfall deficit of 20-80mm in Cagayan, Isabela, parts of Cordillera Region and Northern Mindanao including Zamboanga Peninsula during the forecast period.



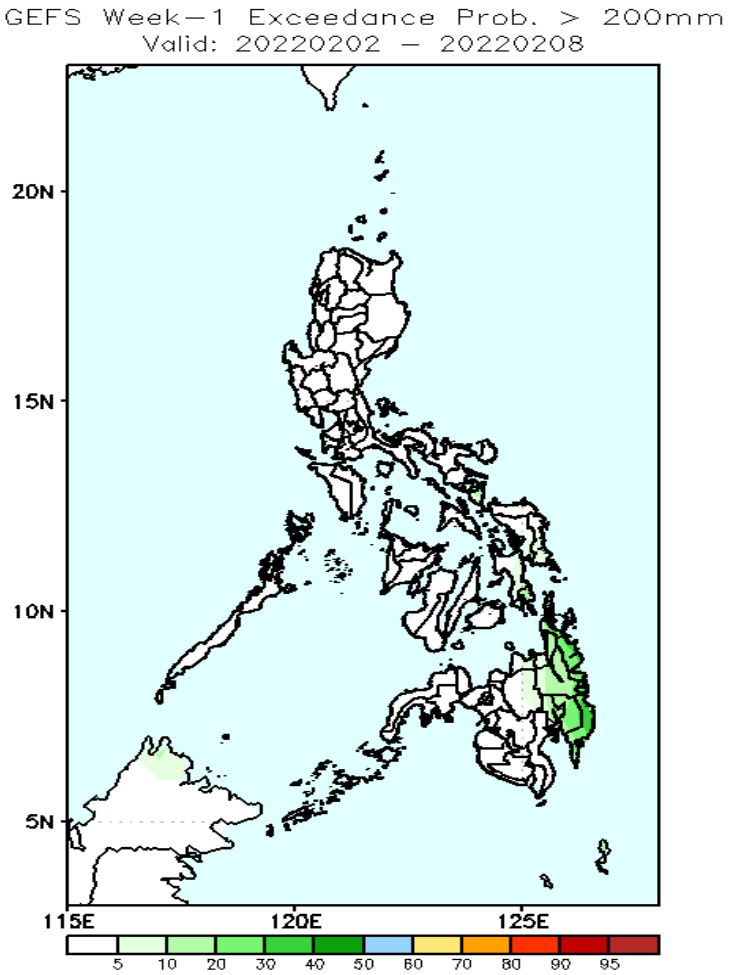
High probability of rainfall to exceed 25mm in eastern parts of Cagayan & Isabela, Rizal, Oriental Mindoro, most parts of Bicol Region & Visayas and CARAGA, Davao Region and Northern Mindanao while less likely for the rest of the country during the forecast period.



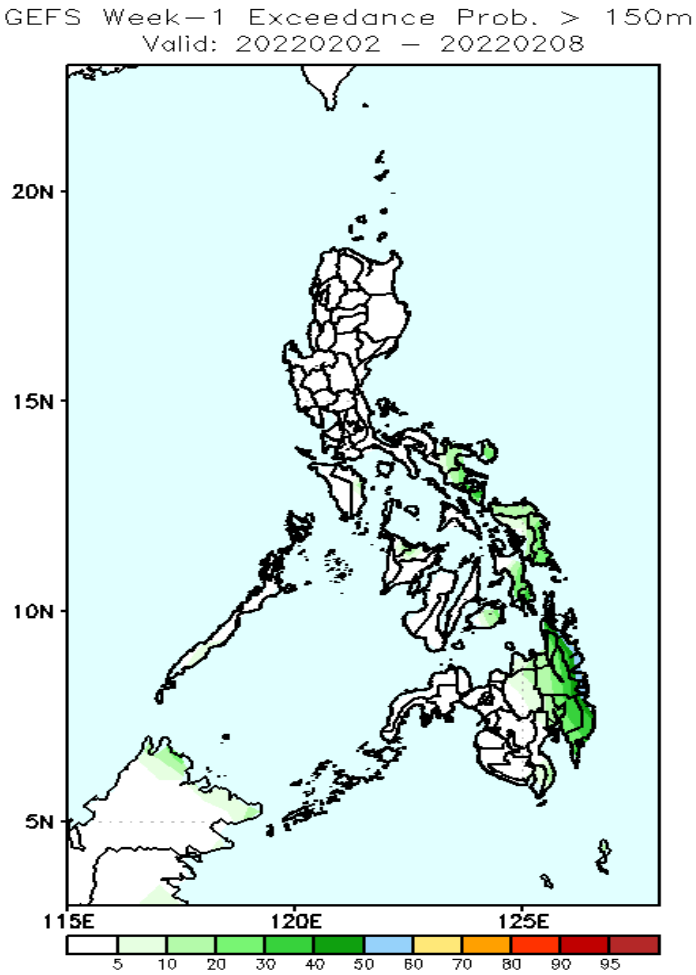
High probability of rainfall to exceed 50mm in in most parts of Bicol Region, Eastern, Central and parts of western Visayas and in CARAGA & Davao region while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

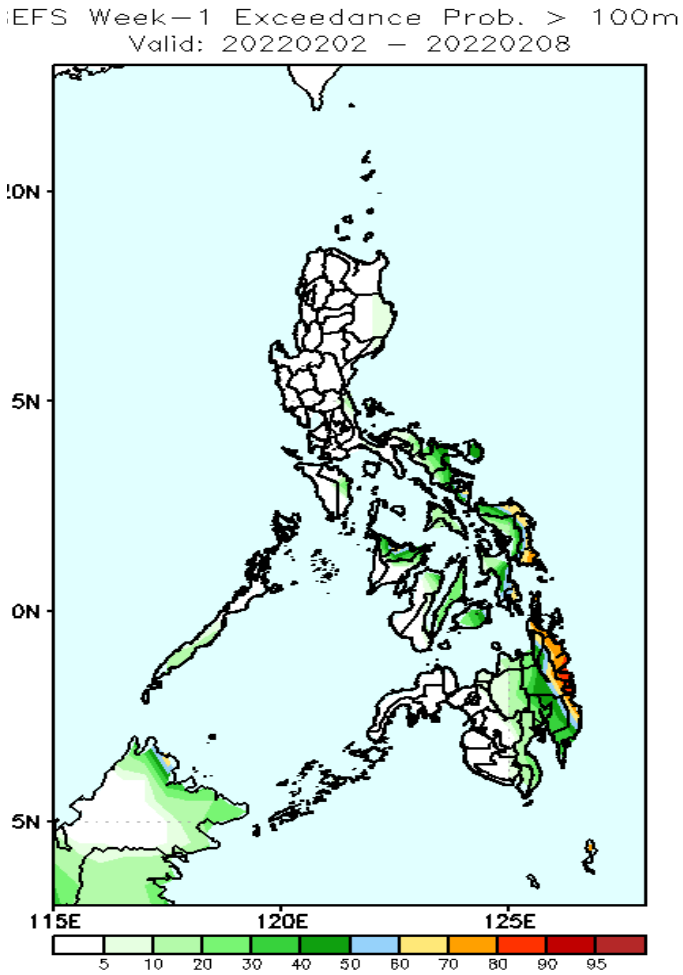
Week 1: Feb 02-08, 2022



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



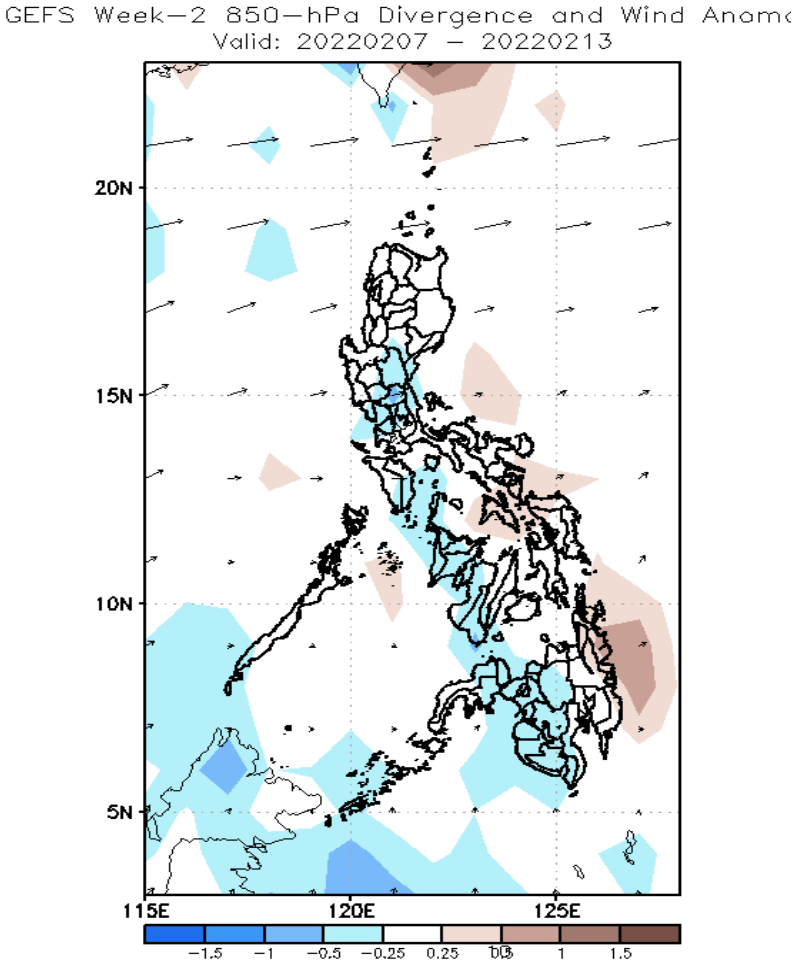
Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

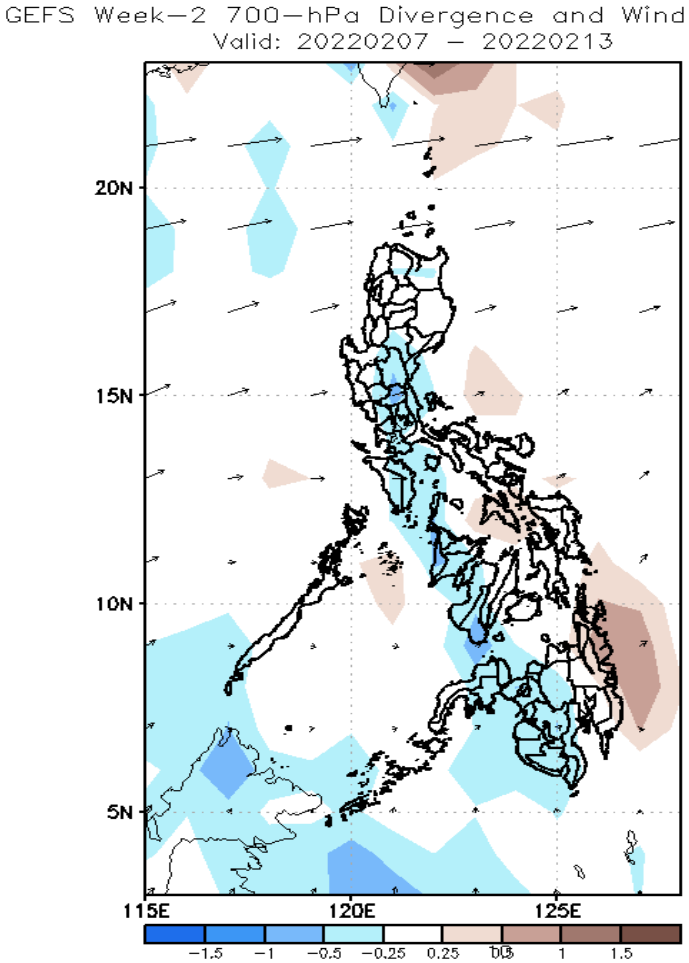


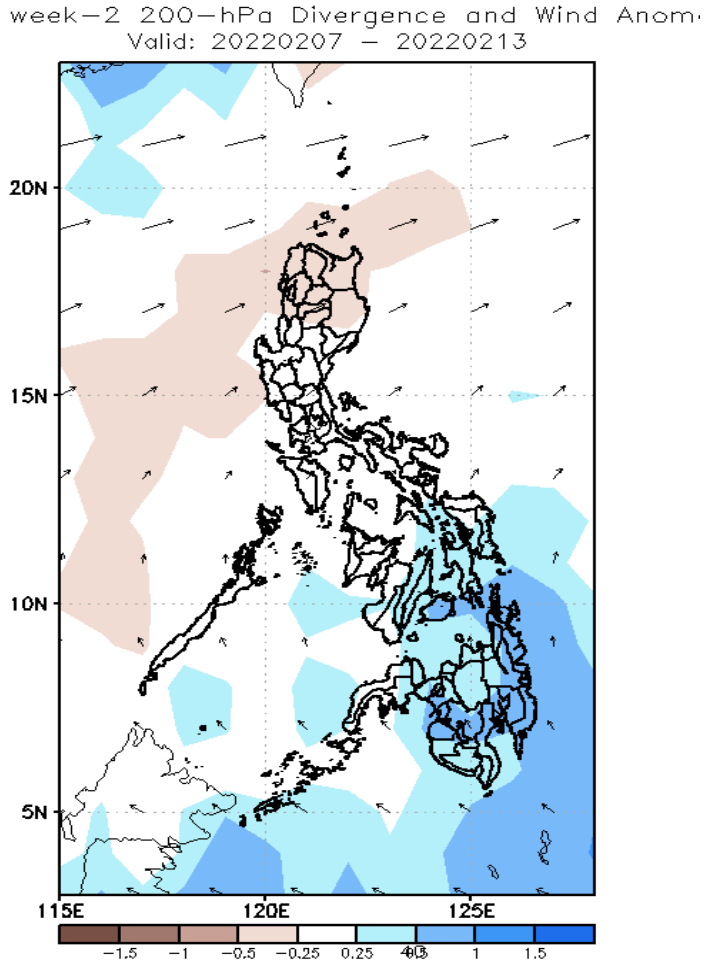
Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Feb 09-15, 2022



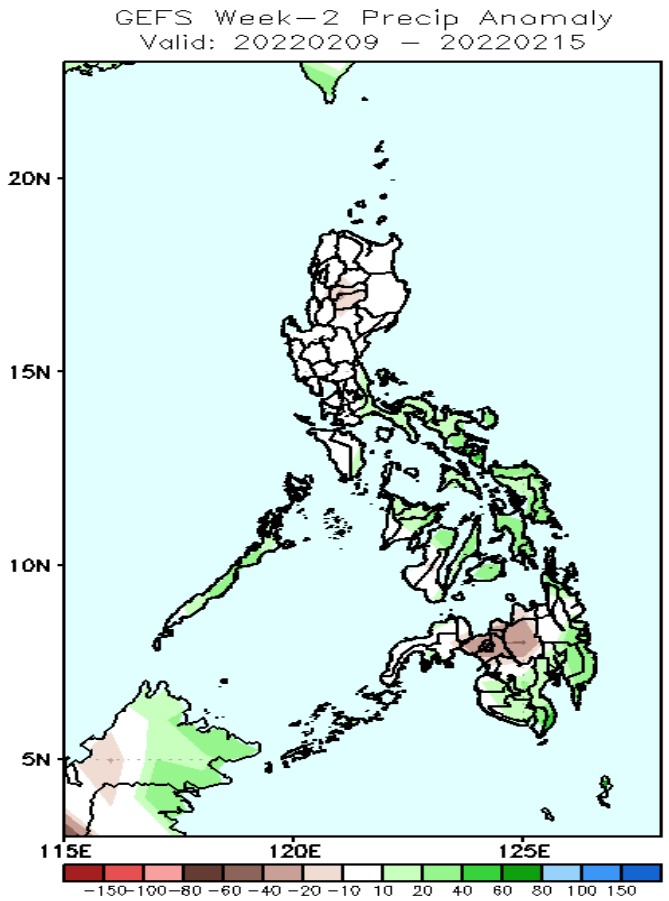




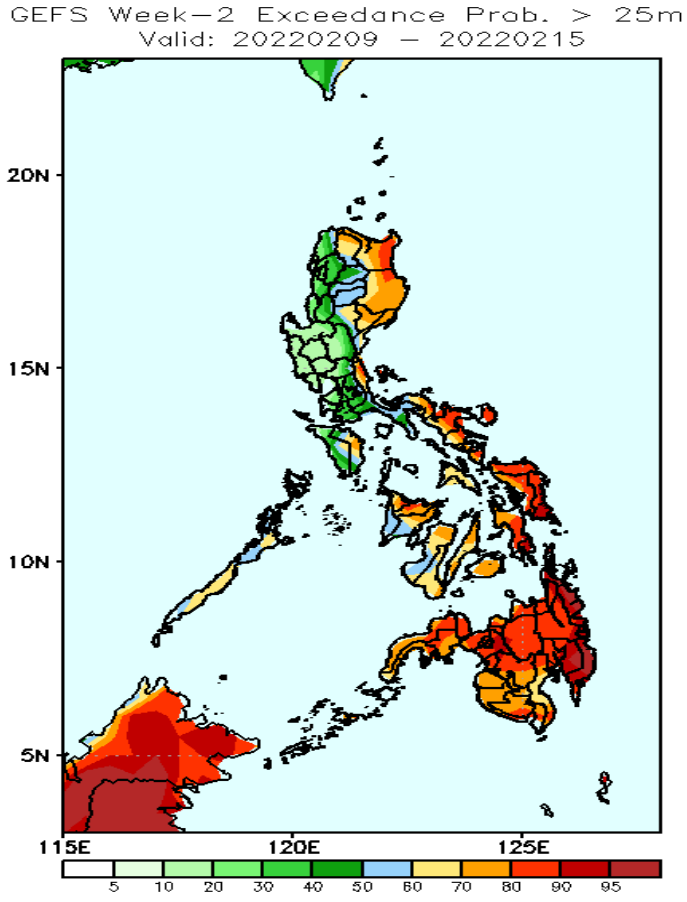
Upper and low level Divergence suggest a likelihood of light to moderate precipitation in some parts of Visayas and most of Mindanao. Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

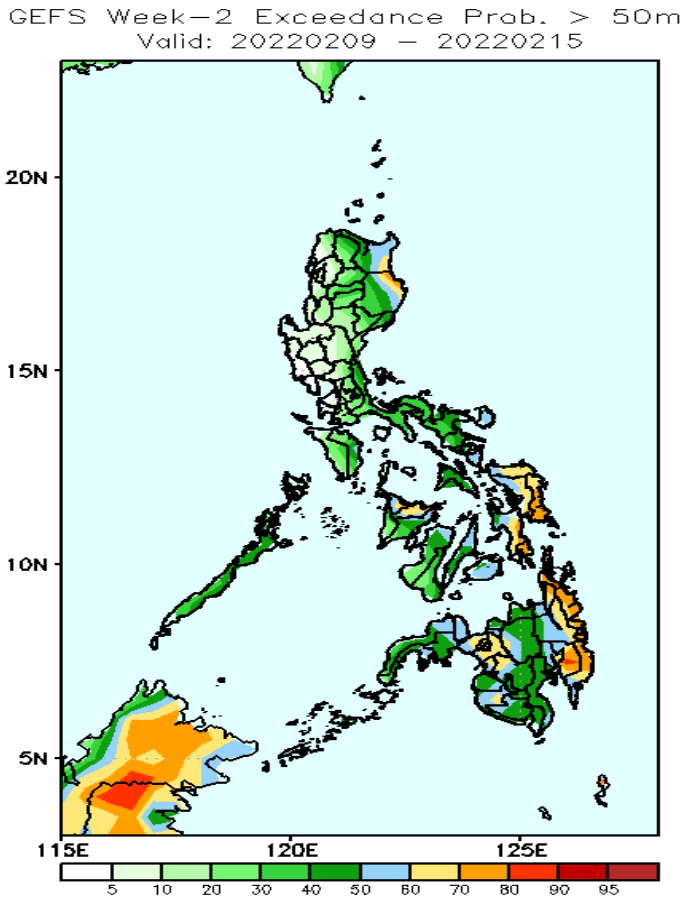
Week 2: Feb 09-15, 2022



Increase of rainfall of 20-60 mm in most parts of Visayas and southern Mindanao while rainfall deficit of up to 50mm in Bukidnon and Lanao Provinces is expected during the forecast period



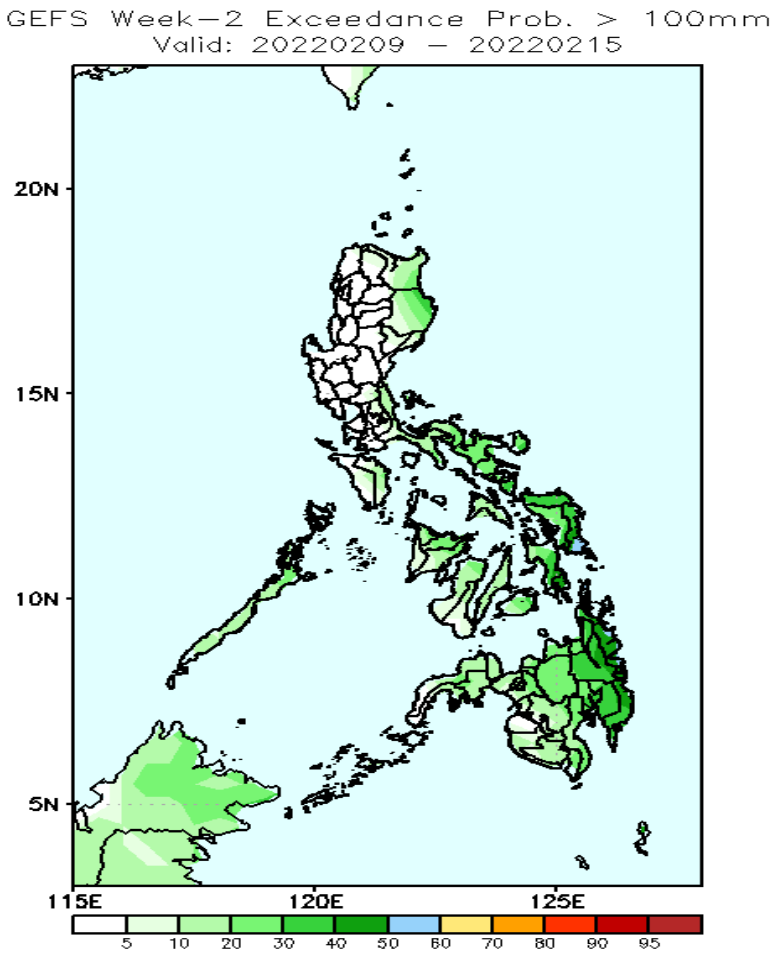
70-100% probability of rainfall to exceed 25mm in most parts of eastern Luzon, Visayas & Mindanao while less likely for the rest of the country during the forecast period.



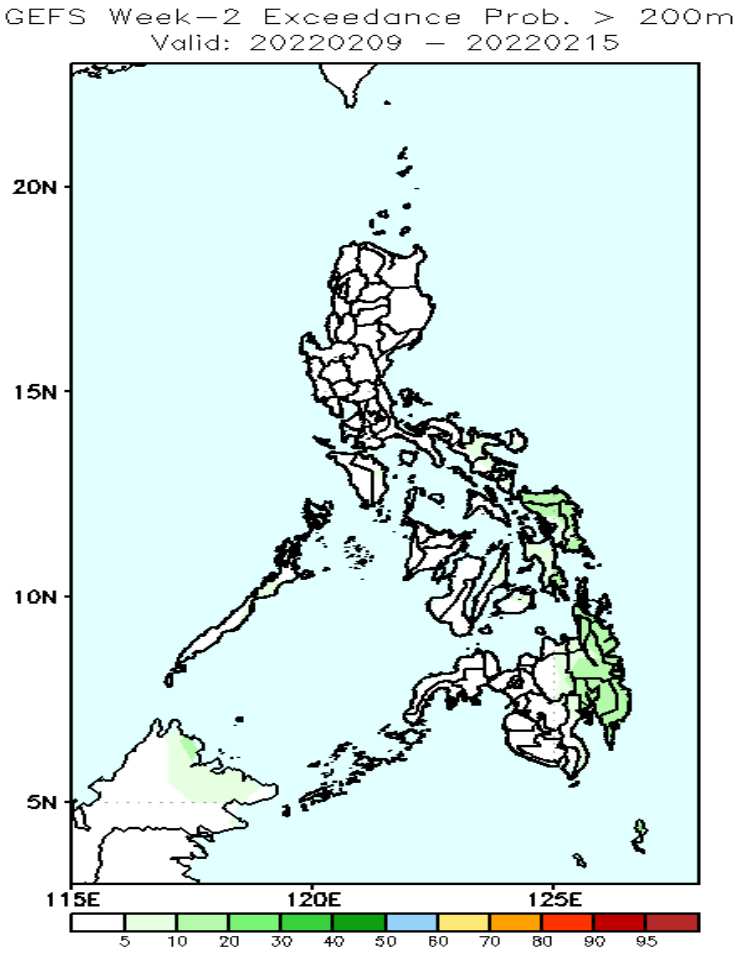
Low probability of rainfall to exceed 50mm in most parts of the country except in Eastern Samar, Southern Leyte and eastern parts of Mindanao where there is 60-85% chance during the forecast period.

Exceedance Probability > 100/150/200 mm

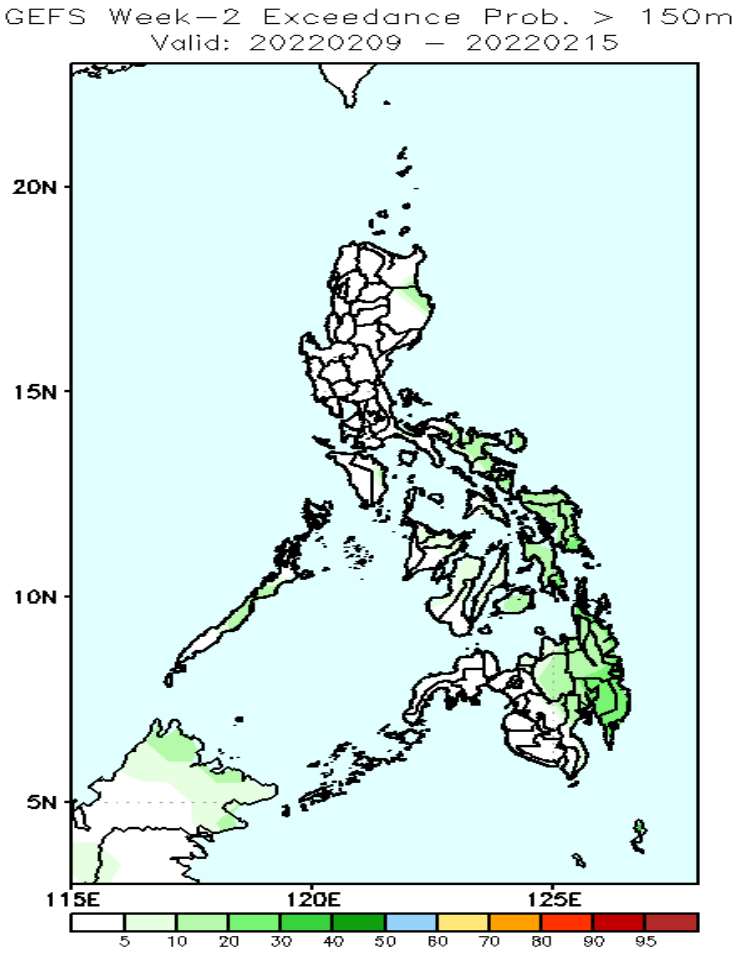
Week 2: Feb 09-15, 2022



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

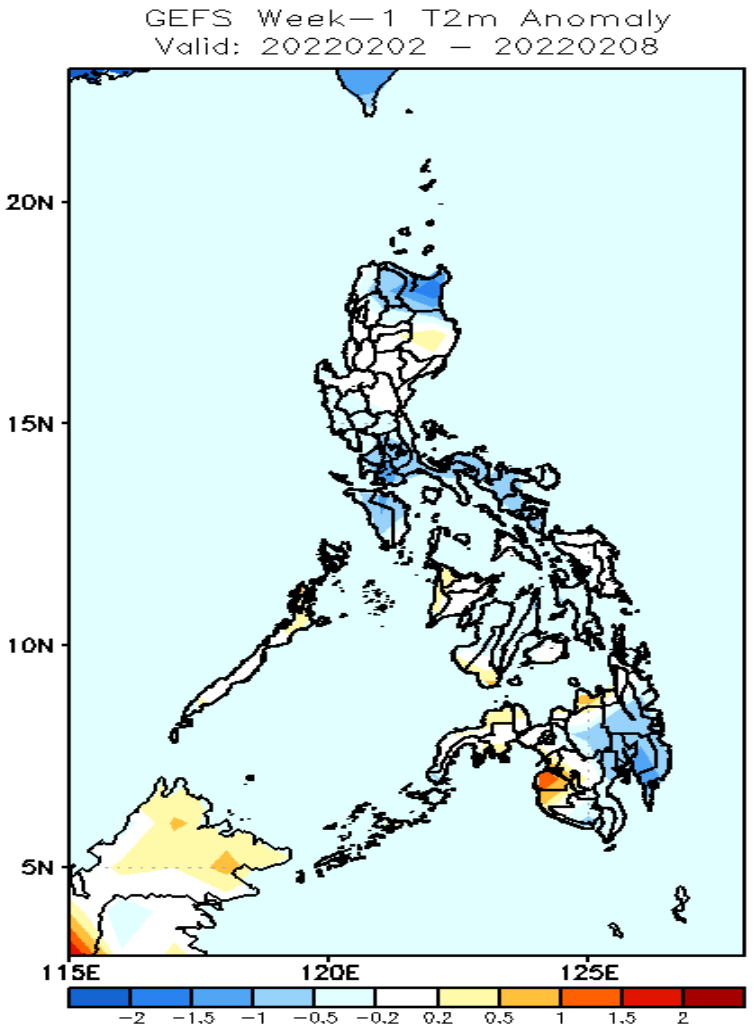


Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



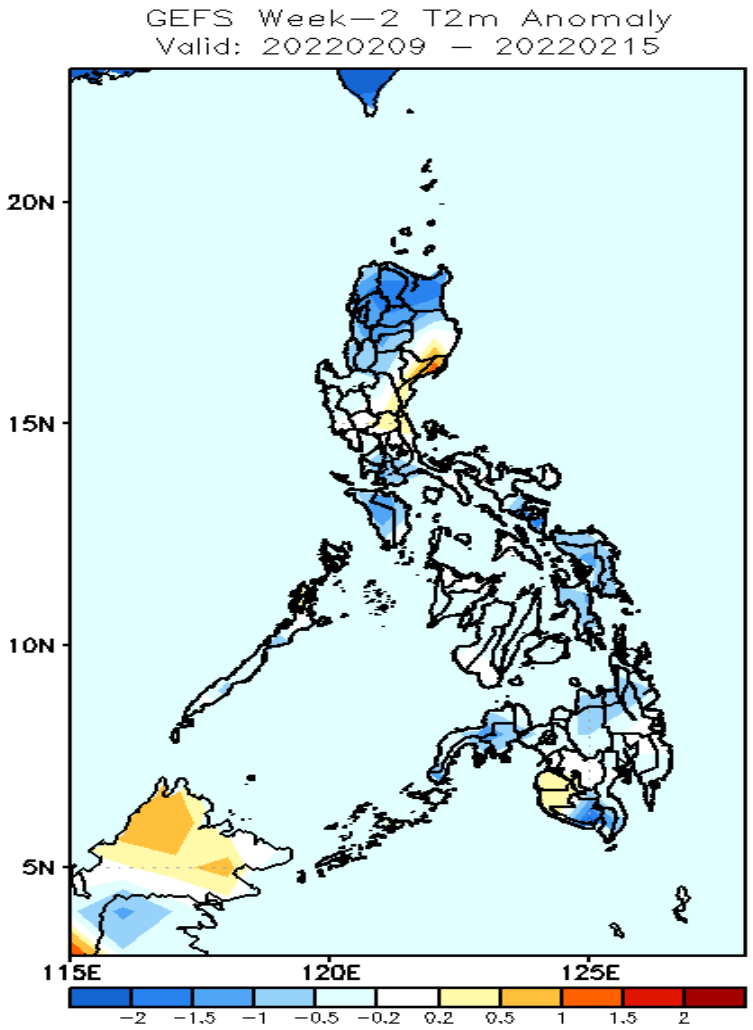
Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Feb 02-08, 2022

Slightly cooler to cooler than average surface air temperature will likely experience in Apayao, Cagayan, most parts of southern Luzon and eastern Mindanao while average to slightly warmer for the rest of the country during the forecast period.



2m Temperature Week 2: Feb 09-15, 2022

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