Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**
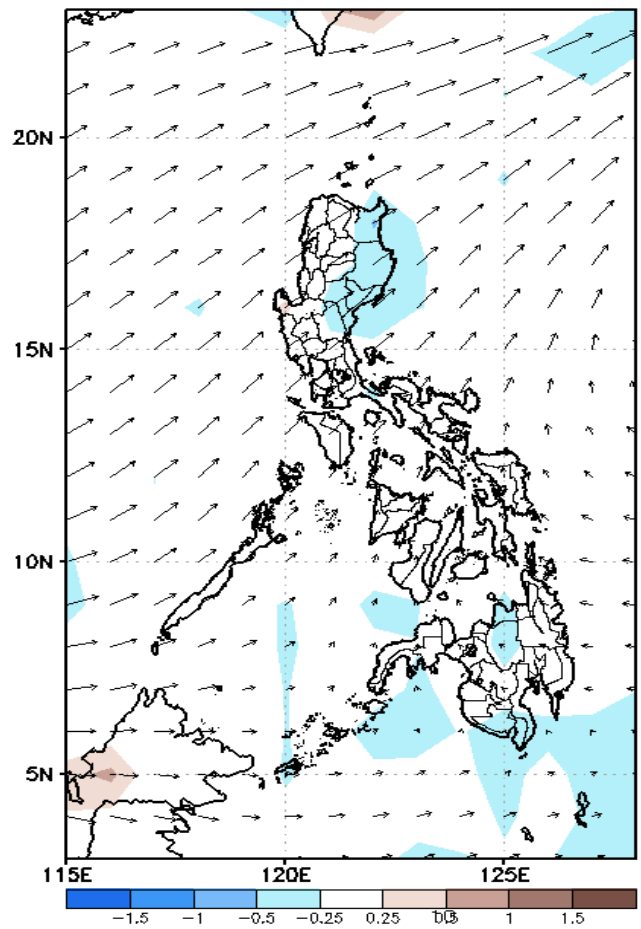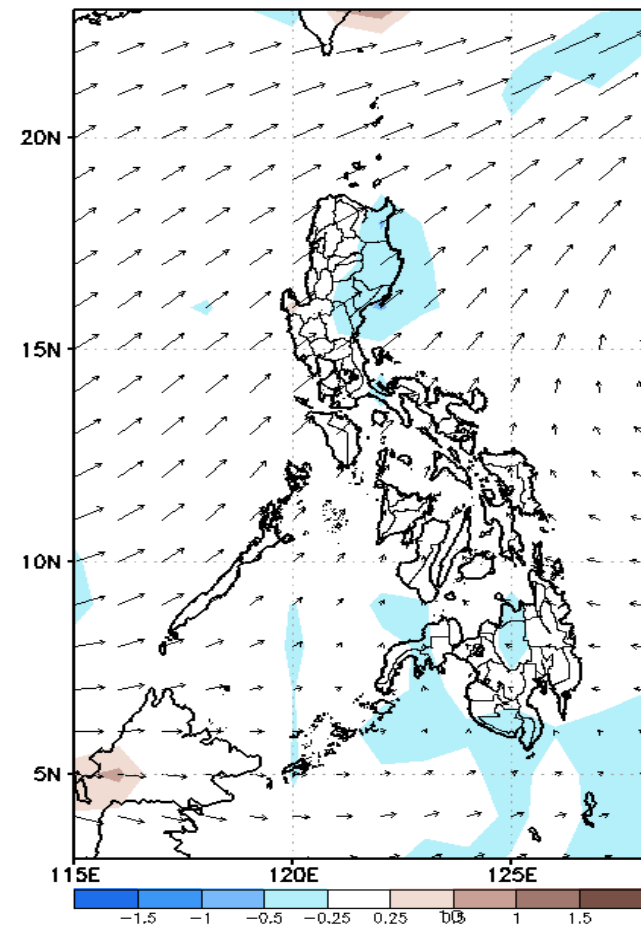
GEFS Week-1 Forecasts: Wind Anomaly Forecast

Week 1: May 20-26, 2022
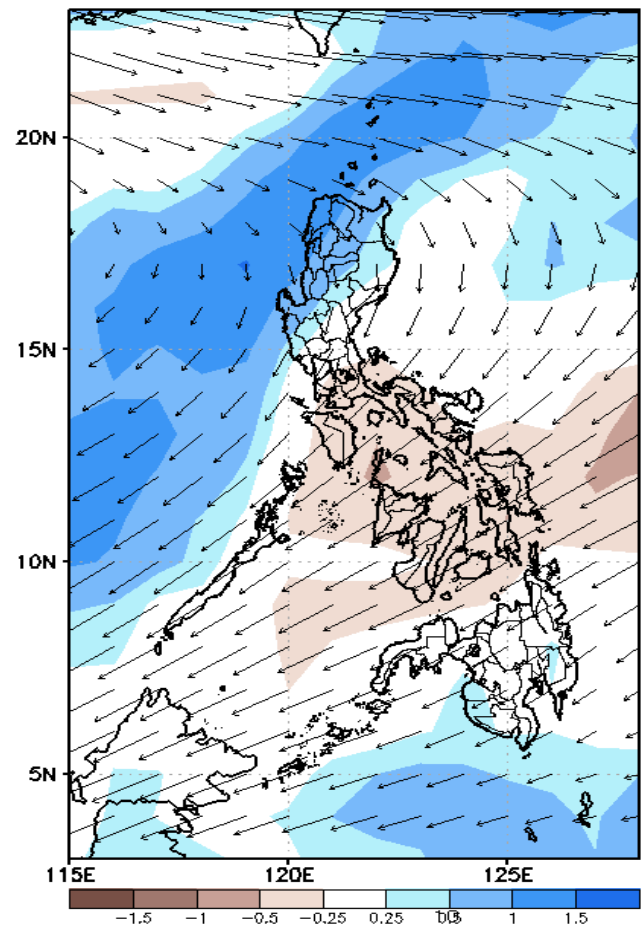
Southwesterly windflow is forecasted to affect most parts of Luzon and Western Visayas while Easterlies affecting the rest of Visayas and most parts of Mindanao during the forecast period

The Weather and Climate Authority

Precipitation Anomaly and Exceedance Probability > 25/50 mm

Week 1: May 20-26, 2022

GEFS Week-1 Precip Anomaly
Valid: 20220520 – 20220526

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20220520 – 20220526

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20220520 – 20220526
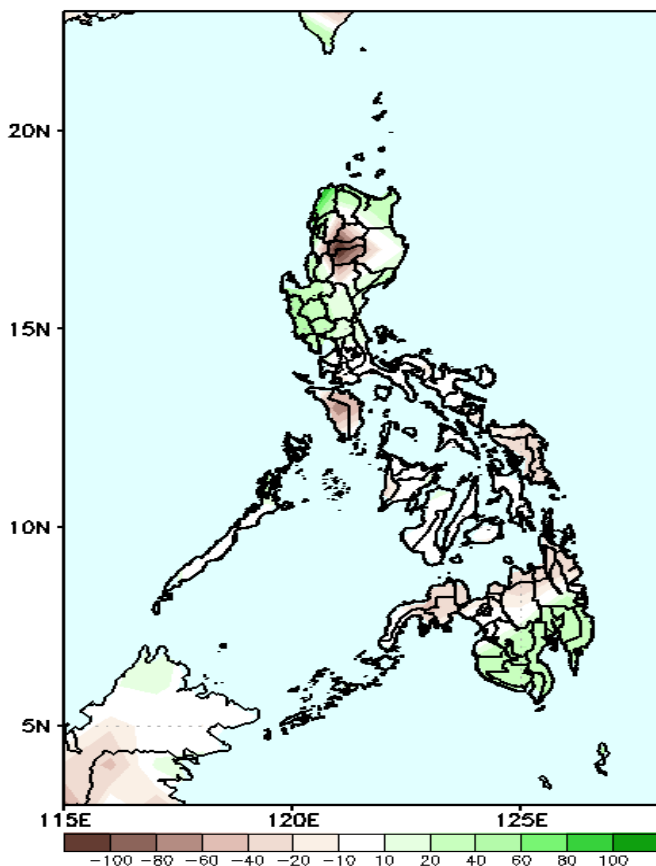
Increase of rainfall of 40-80mmm in Ilocos Norte, Cagayan, La Union, Pangasinan and most parts of Central Luzon and southern Mindanao while rainfall deficit of more than 100mm in CAR and 20-80mm for the rest of the country during the forecast period .
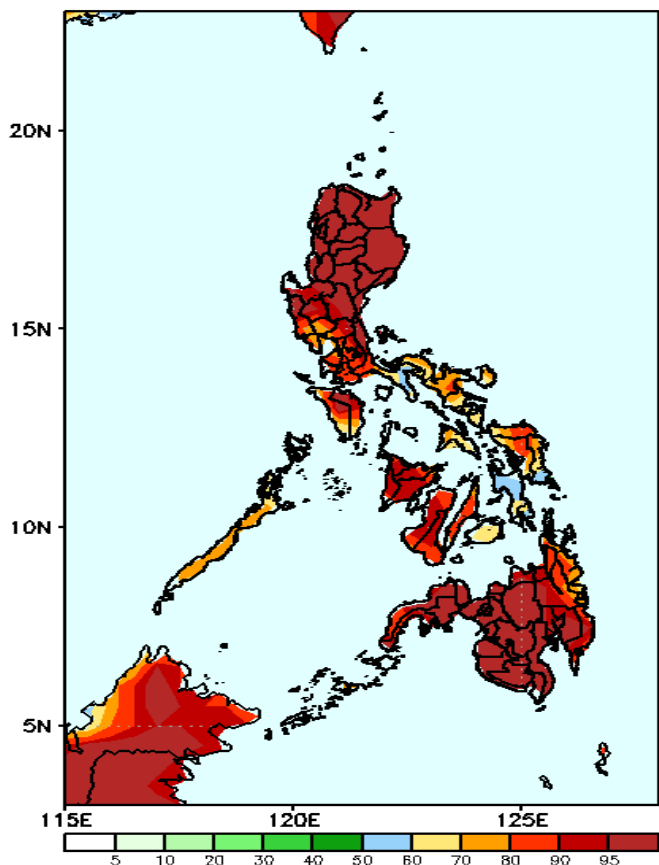
High probability of rainfall to exceed 25mm in most parts of the country during the forecast period.
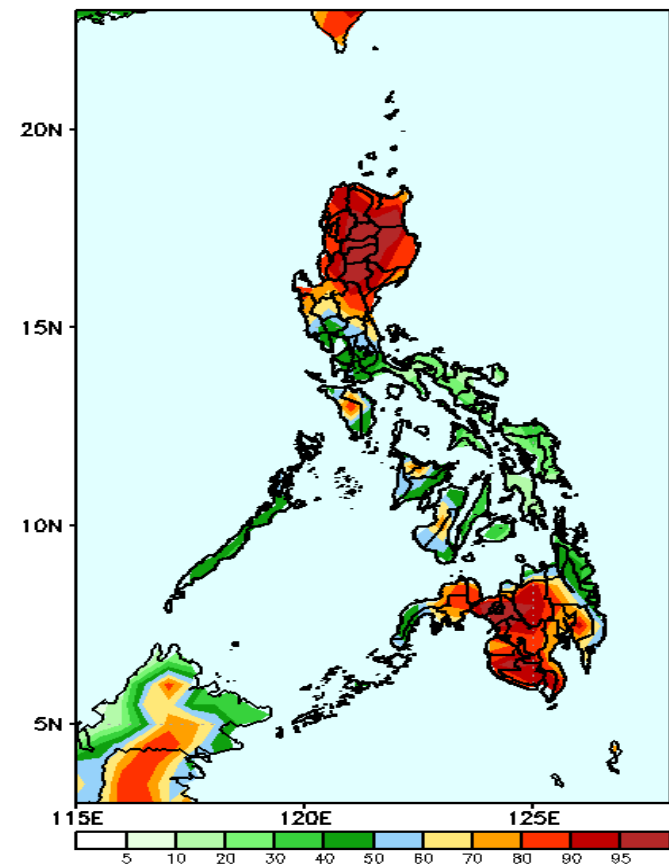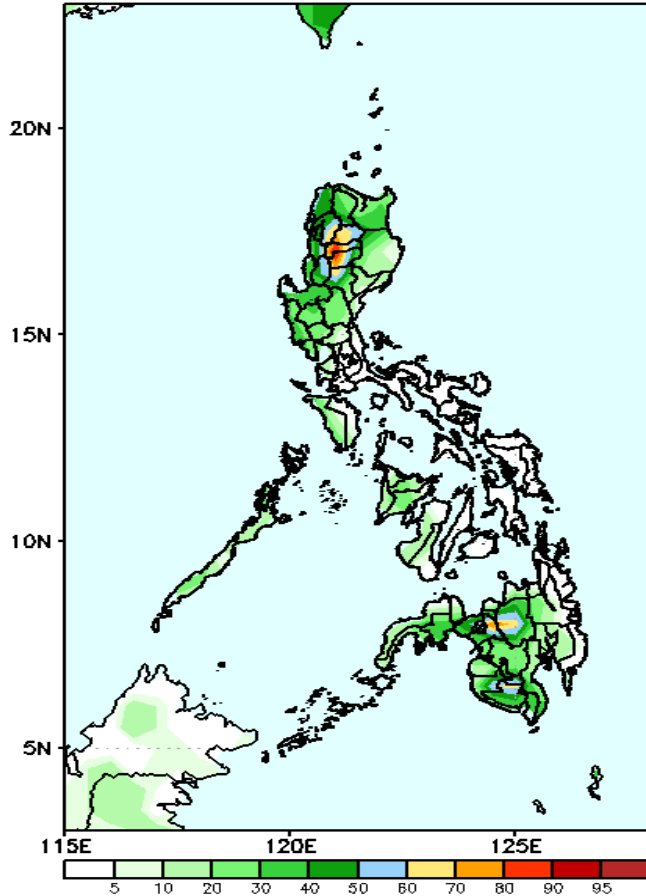
High probability of rainfall to exceed 50mm in most parts of Northern & Central Luzon, Mindoro, western Visayas and Mindanao(except CARAGA) while less likely for the rest of the country during the forecast period.

The Weather and Climate Authority

Exceedance Probability > 100/150/200 mm

Week 1: May 20-26, 2022

GEFS Week−1 Exceedance Prob. > 100mm
Valid: 20220520 − 20220526

GEFS Week−1 Exceedance Prob. > 150mm
Valid: 20220520 − 20220526
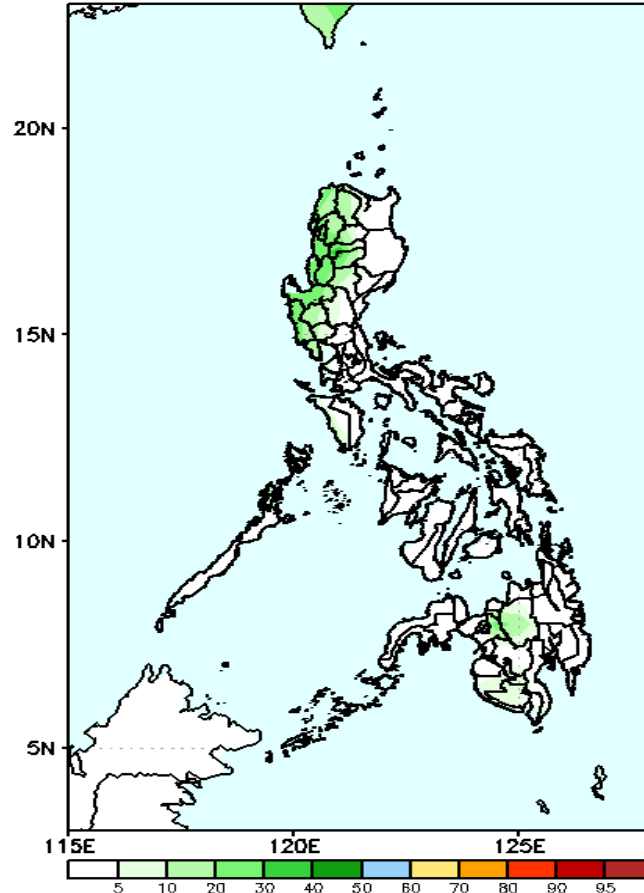
GEFS Week−1 Exceedance Prob. > 200mm
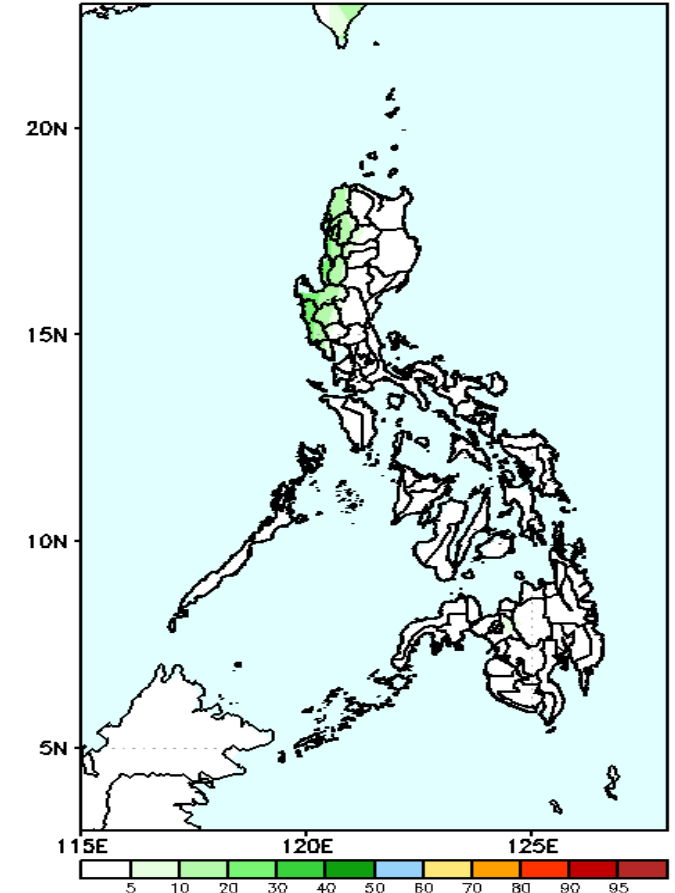Valid: 20220520 − 20220526

Low probability of rainfall to exceed 100mm in most parts of the country except in Cordillera Region where there is 60-90% chance 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.

Week 2: May 27- Jun 02, 2022

GEFS Week–2 850–hPa Divergence and Wind Anoma GEFS Week–2 700–hPa Divergence and Wind Anom GEFS week–2 200–hPa Divergence and Wind Anom
Valid: 20220527 – 20220602   Valid: 20220527 – 20220602   Valid: 20220527 – 20220602
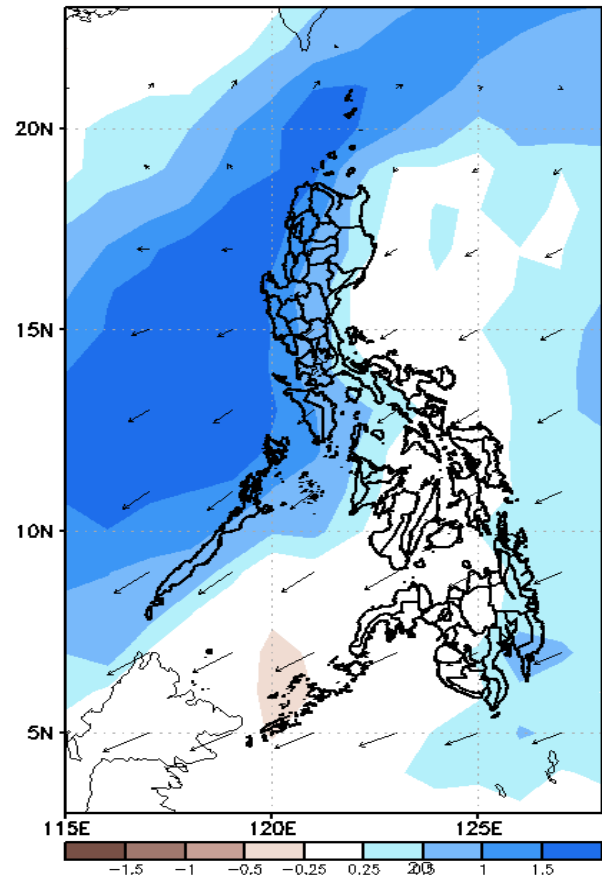
Westerly to Southwesterly windflow is forecasted to affect most parts of the during the forecast period

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Precipitation Anomaly and Exceedance Probability > 25/50 mm

Week 2: May 27- Jun 02, 2022

GEFS Week—2 Precip Anomaly
Valid: 20220527 — 20220602

GEFS Week—2 Exceedance Prob. > 25mm
Valid: 20220527 — 20220602

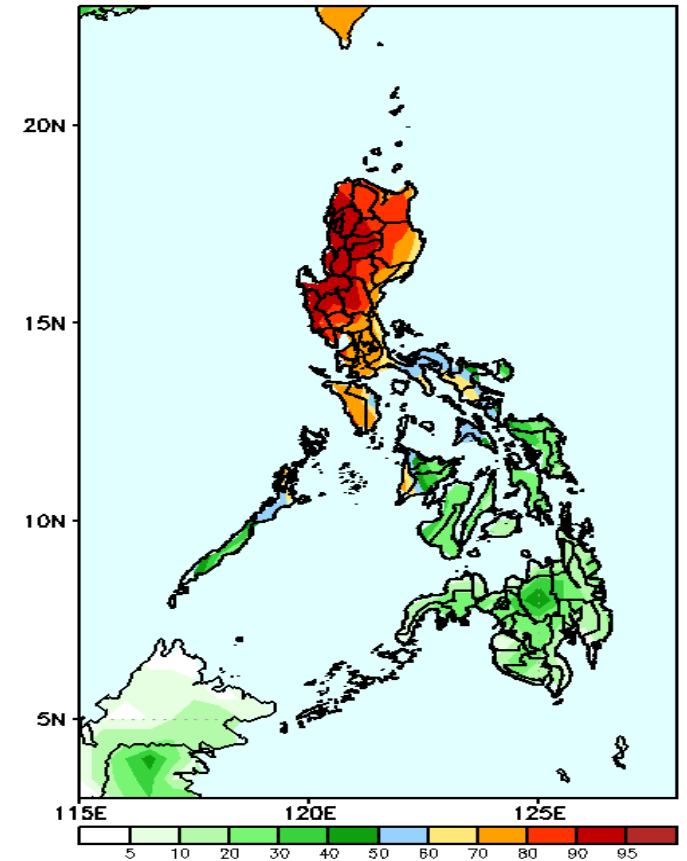GEFS Week—2 Exceedance Prob. > 50mm
Valid: 20220527 — 20220602
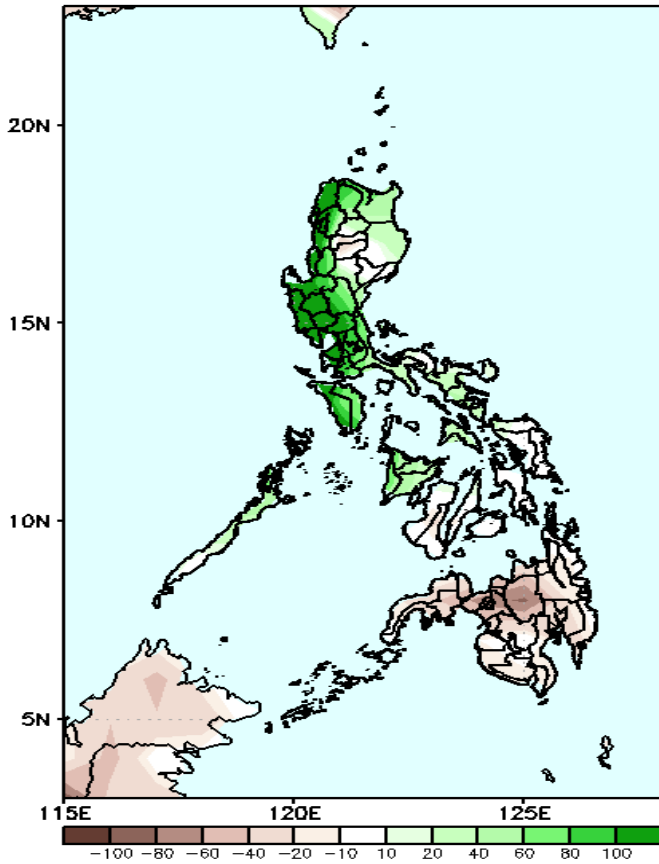
Increase of rainfall of more than 100mm in Western & Central Luzon, 40-80mmm for the rest of Luzon and Panay Island while rainfall deficit of 40-80mm in Mindanao during the forecast period .

High probability of rainfall to exceed 25mm in most parts of Luzon, Panay Island and Bukidnon while 50-80% for the rest of the country during the forecast period.
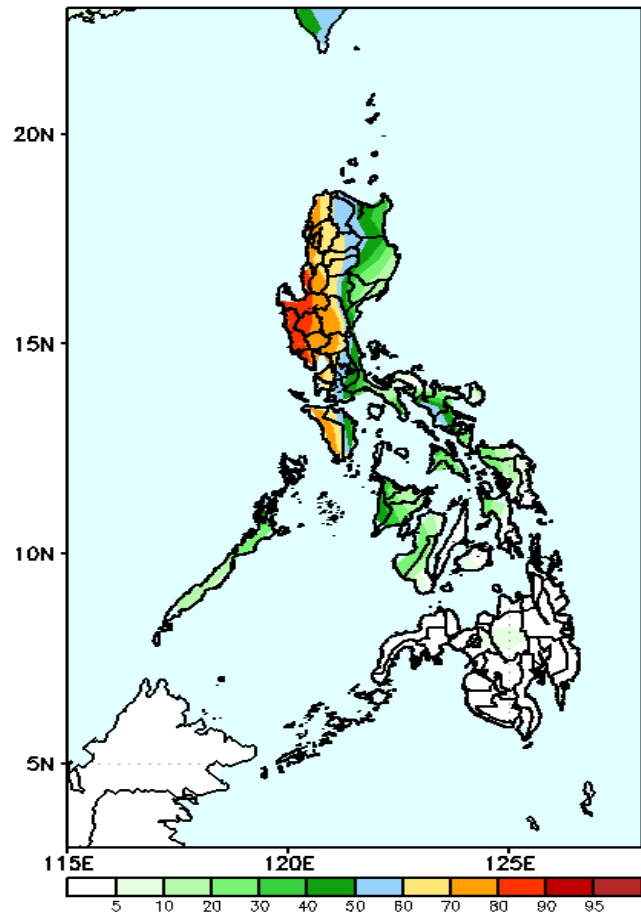
High probability of rainfall to exceed 50mm in most parts of Luzon and Antique while less likely for the rest of the country during the forecast period
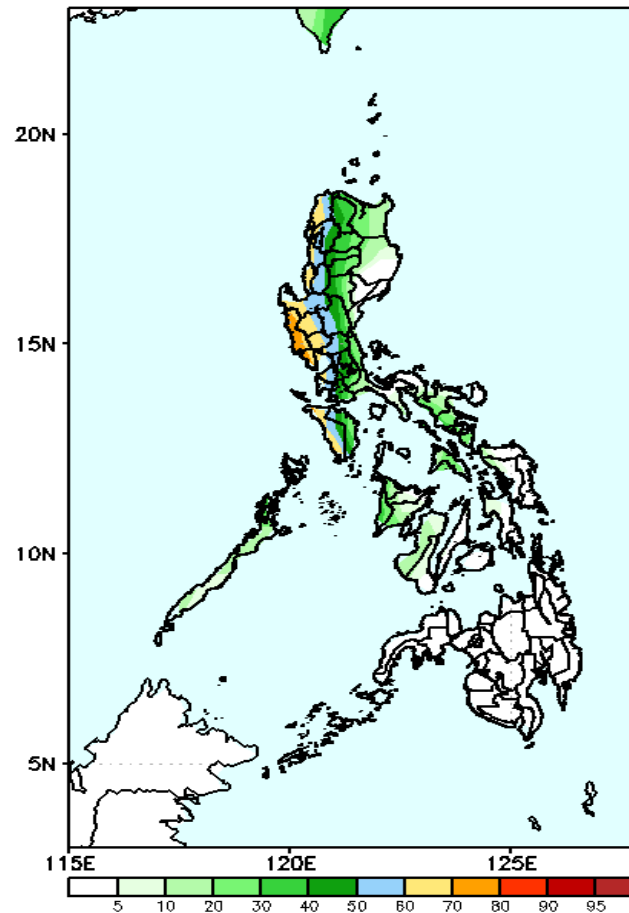
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Exceedance Probability > 100/150/200 mm

Week 2: May 27- Jun 02, 2022
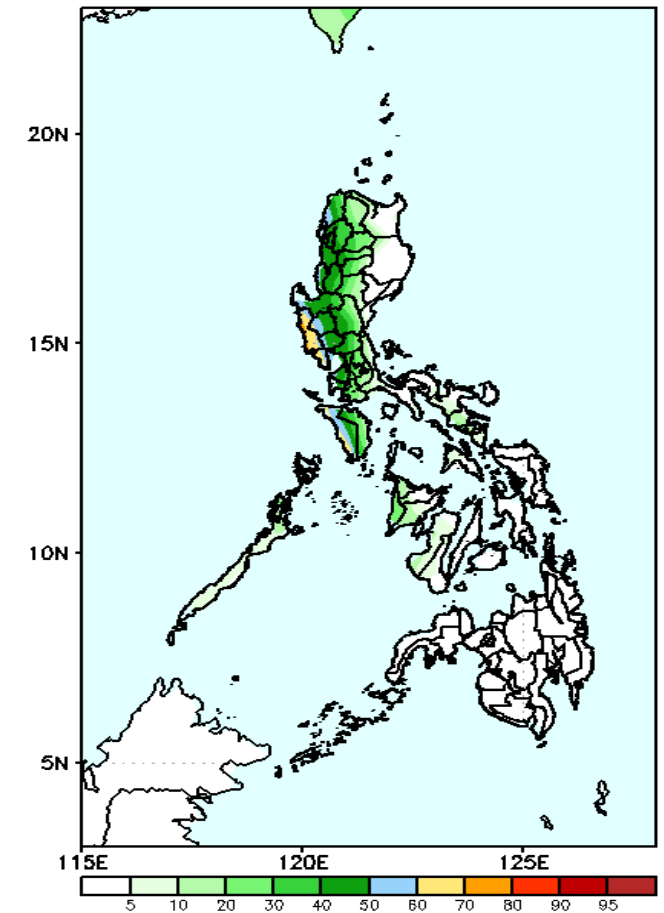
High probability of rainfall to exceed 100mm in most areas of western Luzon while less likely for the rest of the country during the forecast period.

Low probability of rainfall to exceed 150mm in most parts of the country except in western Luzon where there is 60-85% chance during the forecast period.

Low probability of rainfall to exceed 200mm in most parts of the country except in Zambales where there is 60-75% chance during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly

GEFS Week—1 T2m Anomaly
Valid: 20220520 — 20220526

GEFS Week—2 T2m Anomaly
Valid: 20220527 — 20220602
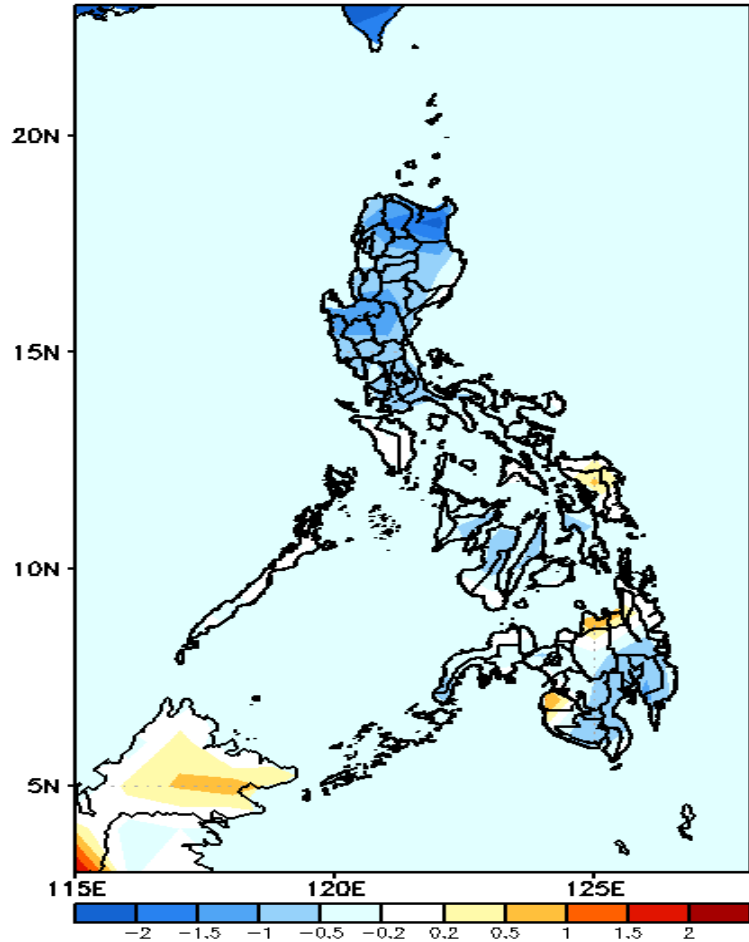
2m Temperature Week 1: May 20-26, 2022

Slightly cooler to cooler than average surface air temperatures will likely experience in most parts of the country except in Eastern Visayas, Misamis Oriental and Maguindanao where slightly warmer temperature is expected during the forecast period.
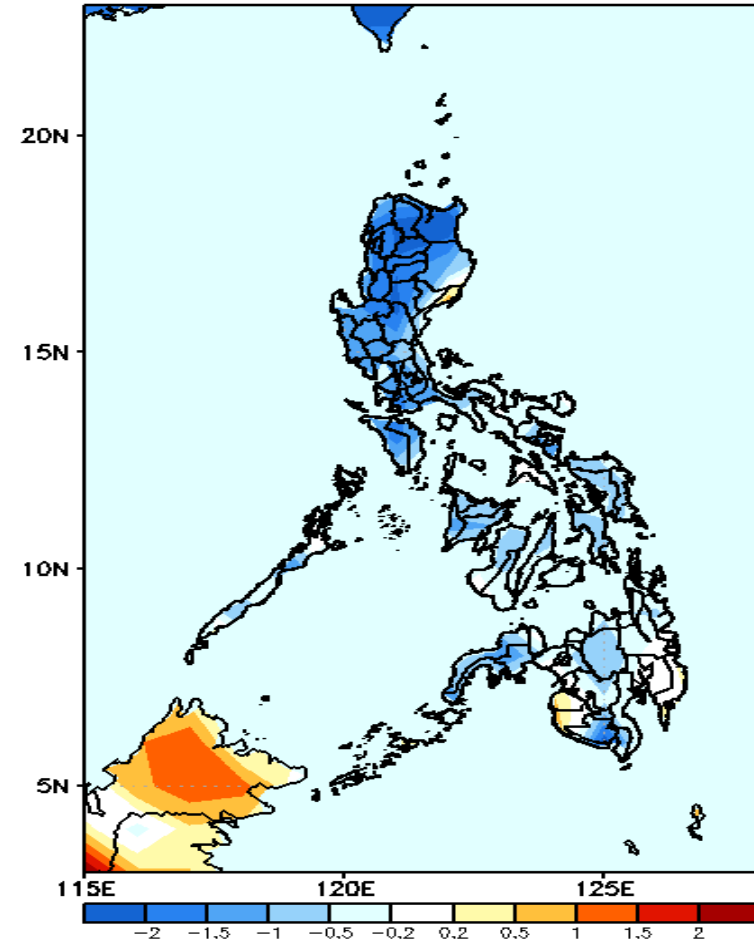
2m Temperature Week 2: May 27- Jun 02, 2022

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