

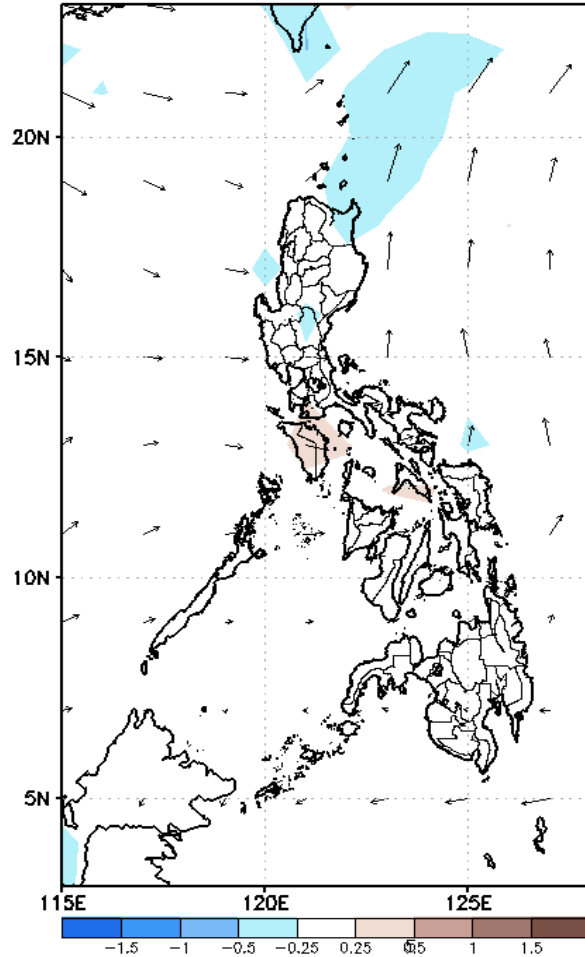
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



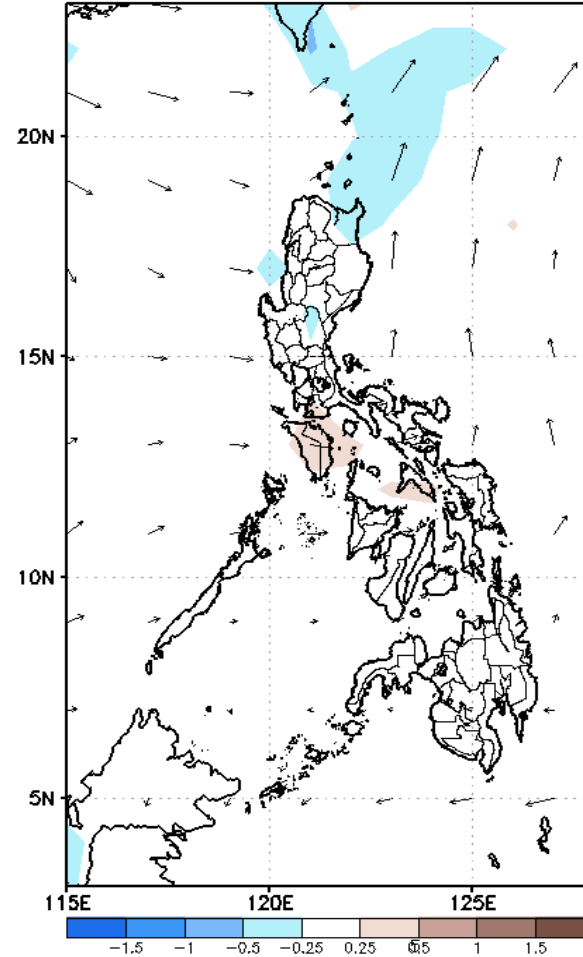
GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: May 14- May 20, 2020

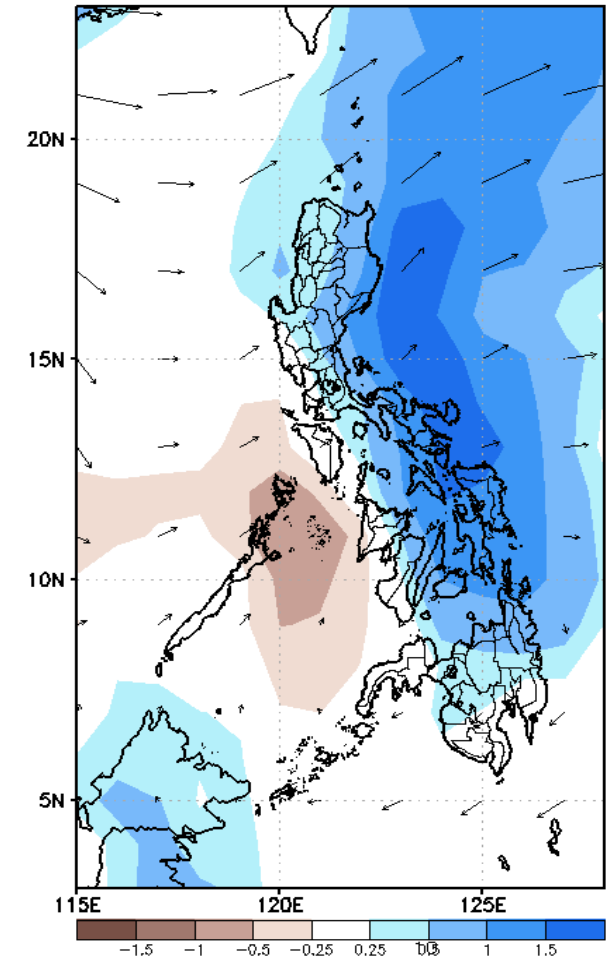
GEFS Week-1 850-hPa Divergence and Wind Anomaly
Valid: 20200514 - 20200520



GEFS Week-1 700-hPa Divergence and Wind Anomaly
Valid: 20200514 - 20200520



GEFS Week-1 200-hPa Divergence and Wind Anomaly
Valid: 20200514 - 20200520



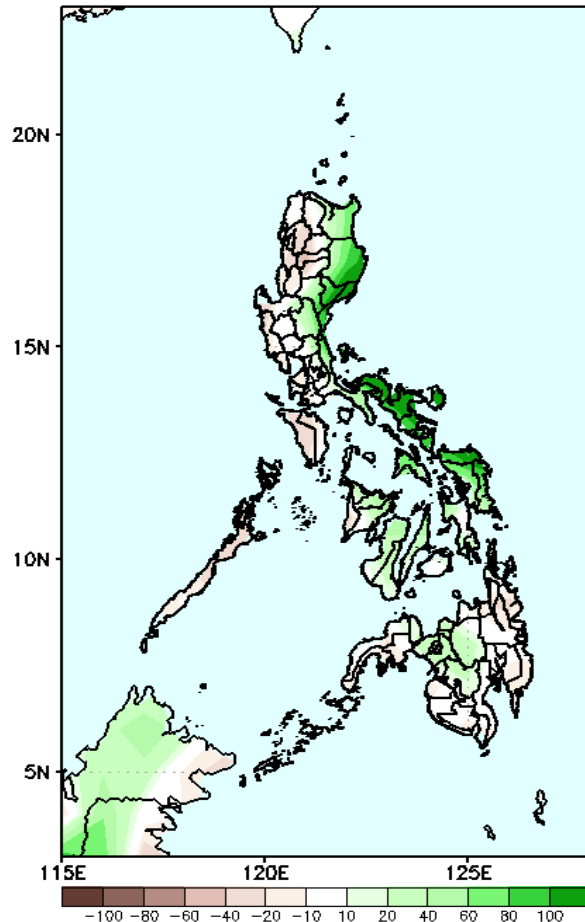
Upper level (750 hPa) Divergence suggest likelihood of precipitation in most parts of Luzon and Visayas and northern Mindanao. Southwesterly windflow affecting Mindanao and Visayas, low pressure vortex affecting Luzon during the forecast period.



Precipitation Anomaly and Exceedance Probability > 25/50 mm

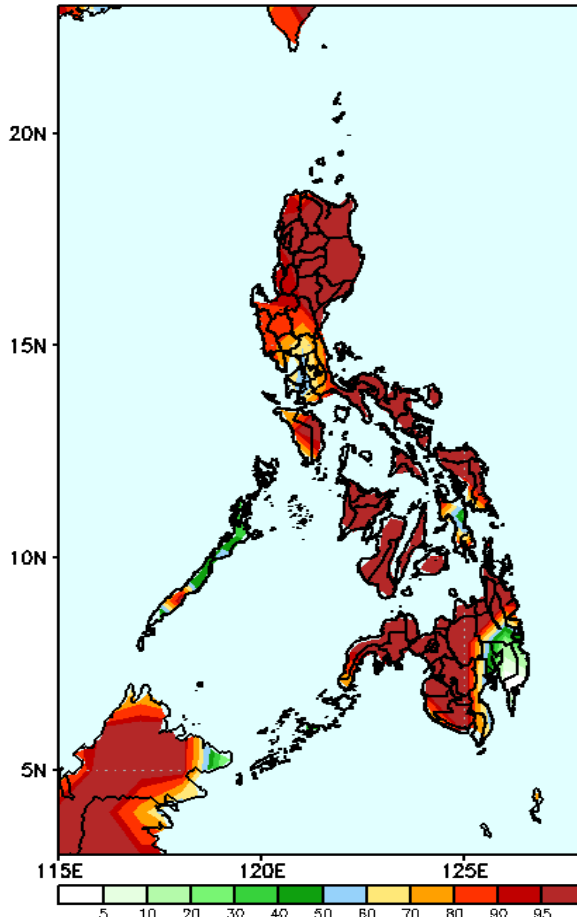
Week 1: May 14- May 20, 2020

GEFS Week-1 Precip Anomaly
Valid: 20200514 - 20200520



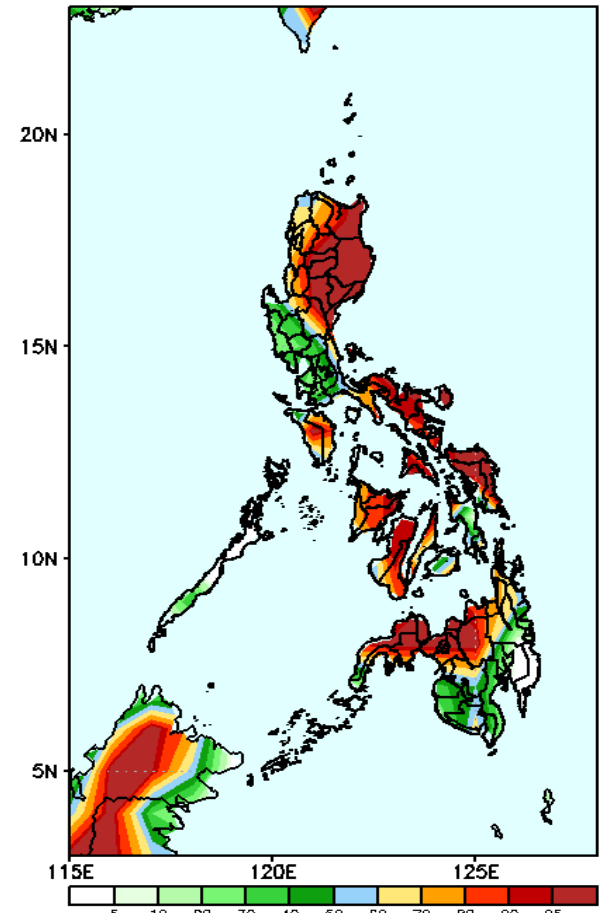
Increase of 40-100mm in Luzon and Visayas expected during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20200514 - 20200520



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

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20200514 - 20200520

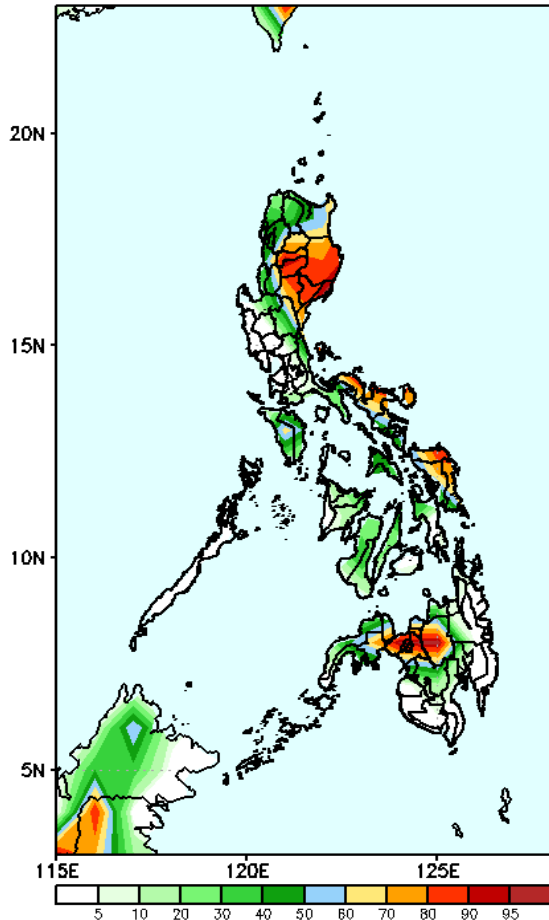


High probability of rainfall to exceed 50mm in northern Luzon, Aurora, Quezon, southern Luzon, most parts of Visayas, northern Mindanao and Zamboanga Peninsula while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

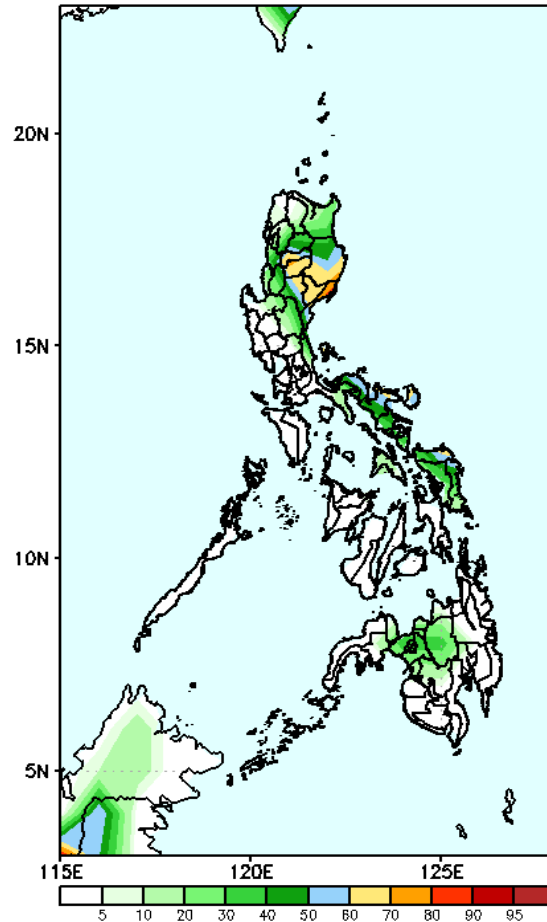
Week 1: May 14- May 20, 2020

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20200514 - 20200520



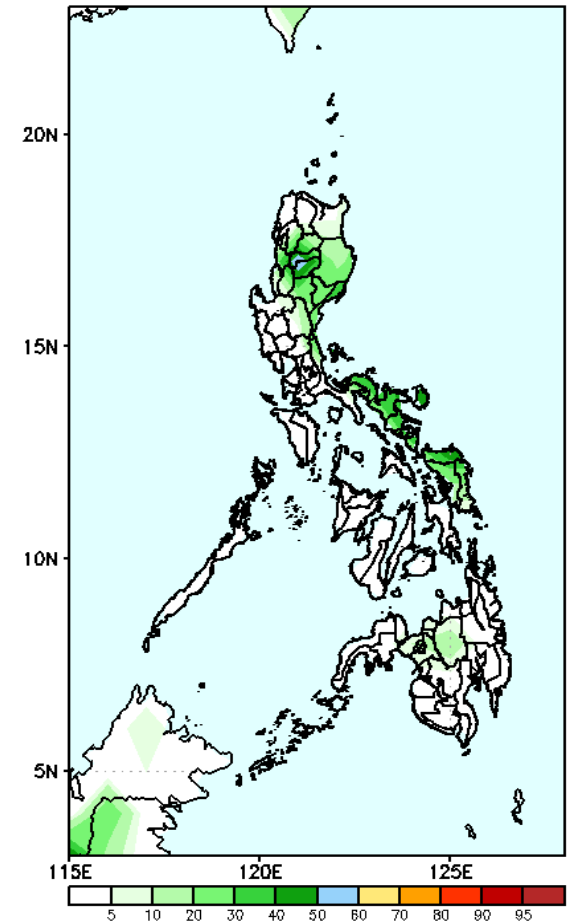
High probability of rainfall to exceed 100mm (< 150mm) in Cordillera Region, Isabela, Nueva Vizcaya, Aurora, Northern and eastern Samar, Bukidnon and Lanao provinces while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20200514 - 20200520



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

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20200514 - 20200520

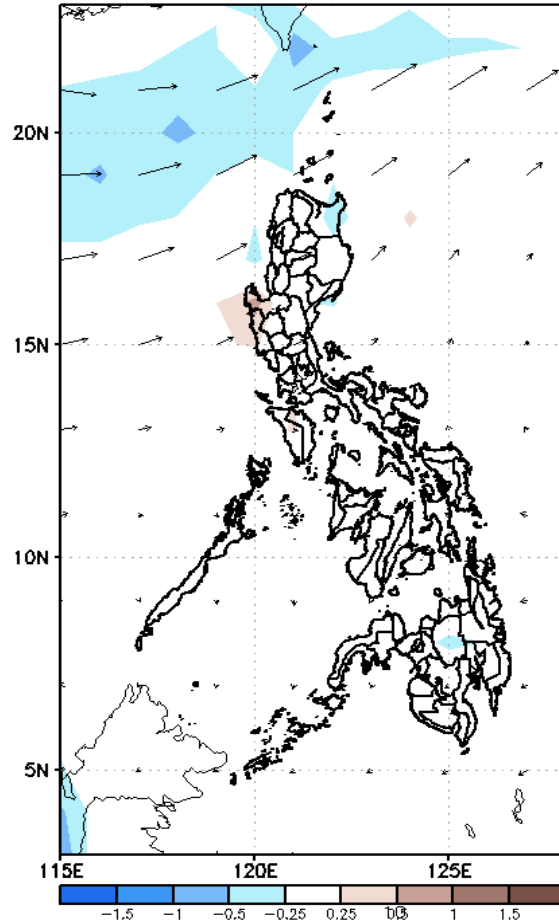


Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

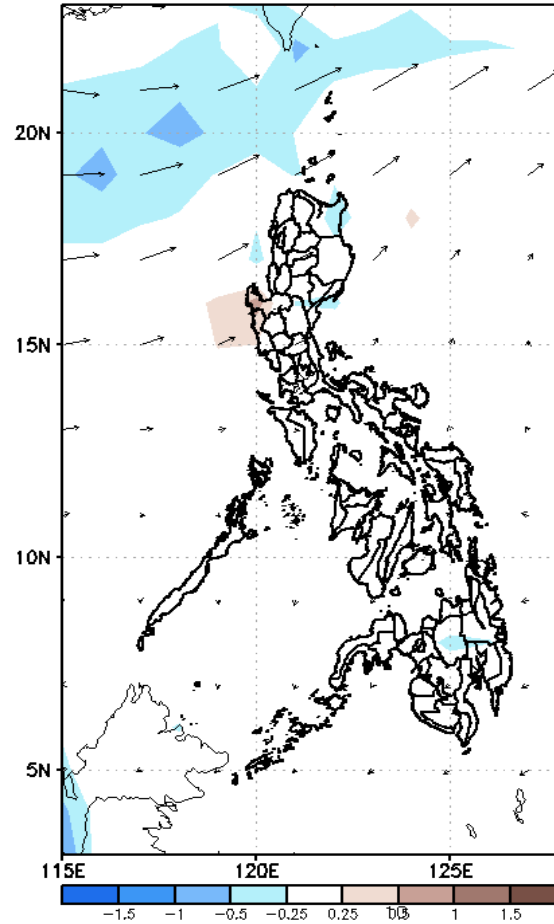
GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: May 21-27, 2020

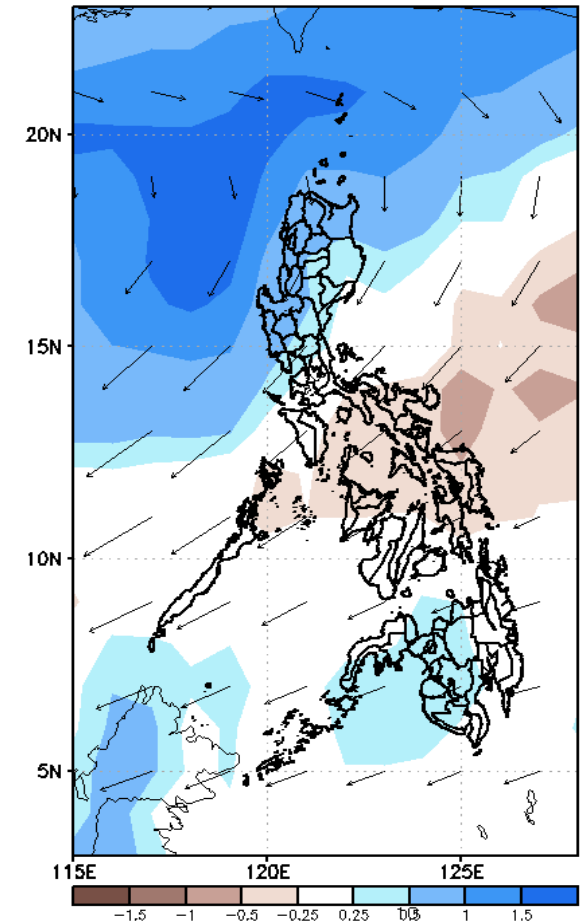
GEFS Week-2 850-hPa Divergence and Wind Anomaly
Valid: 20200521 - 20200527



GEFS Week-2 700-hPa Divergence and Wind Anomaly
Valid: 20200521 - 20200527



GEFS week-2 200-hPa Divergence and Wind Anomaly
Valid: 20200521 - 20200527

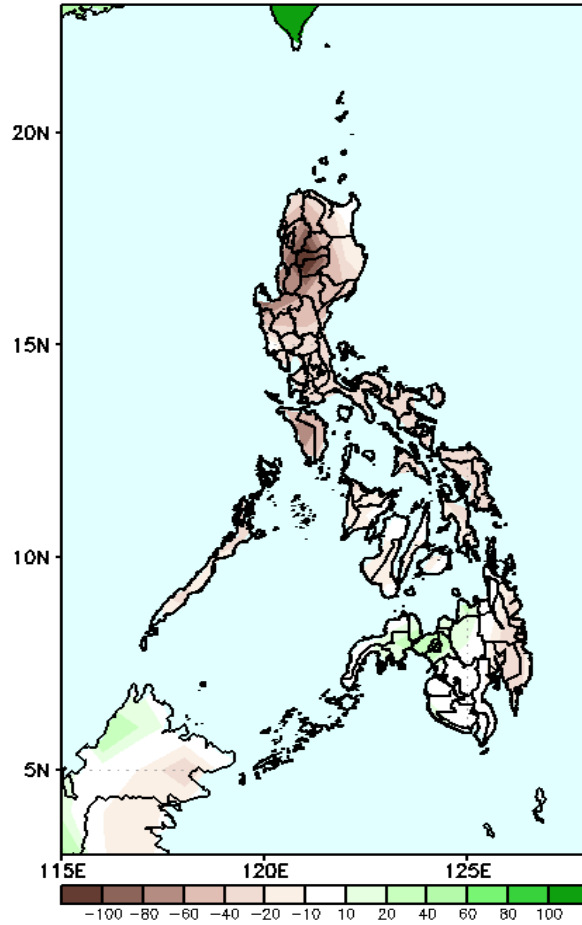


Upper level (750 hPa) Divergence suggest likelihood of precipitation in western parts of Luzon and Mindanao.
Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

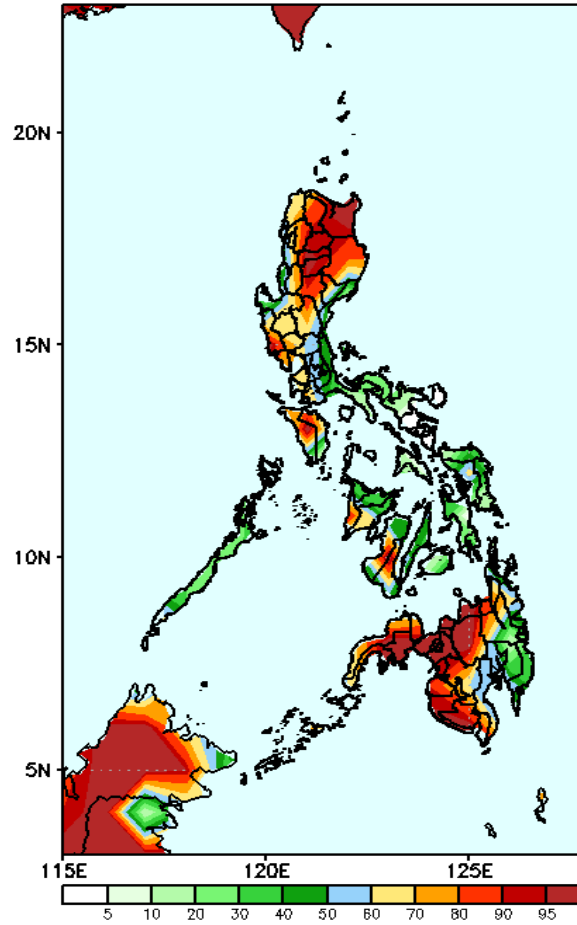
Week 2: May 21-27, 2020

GEFS Week-2 Precip. Anomaly
Valid: 20200521 - 20200527



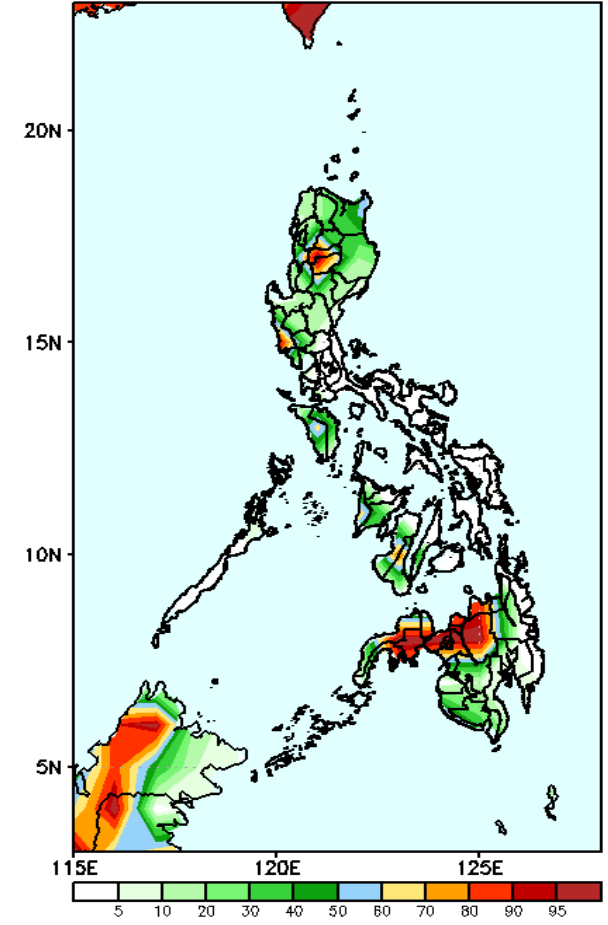
Rainfall deficit of up to 80mm is expected in eastern and central parts of Luzon, eastern Visayas and eastern Mindanao is expected during the forecast period. .

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20200521 - 20200527



High probability of rainfall to exceed 25mm in northern and central Luzon, Mindoro provinces, Antique and most parts of Mindanao (except Davao region and CARAGA) while less likely for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20200521 - 20200527

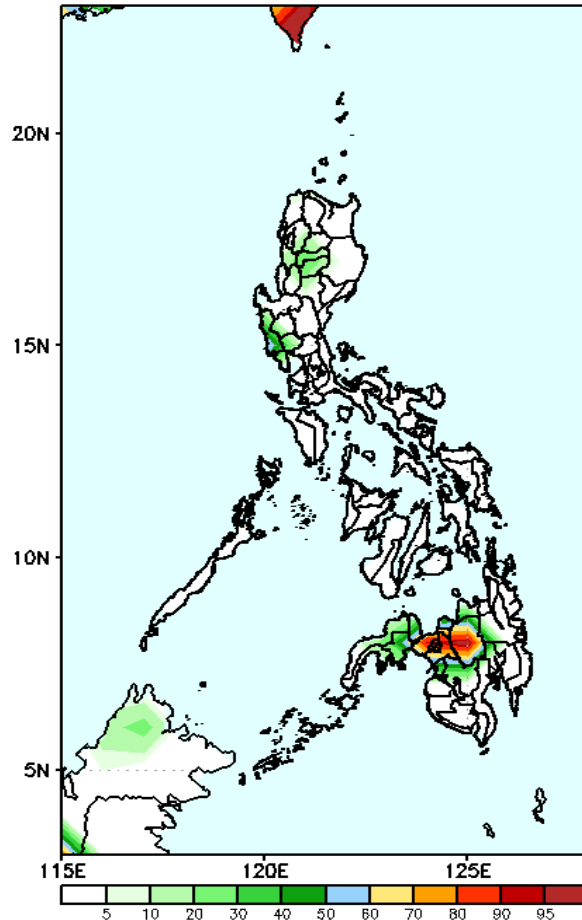


High probability of rainfall to exceed 50mm in Mountain Province, Ifugao, northern Mindanao and Zamboanga del Sur while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

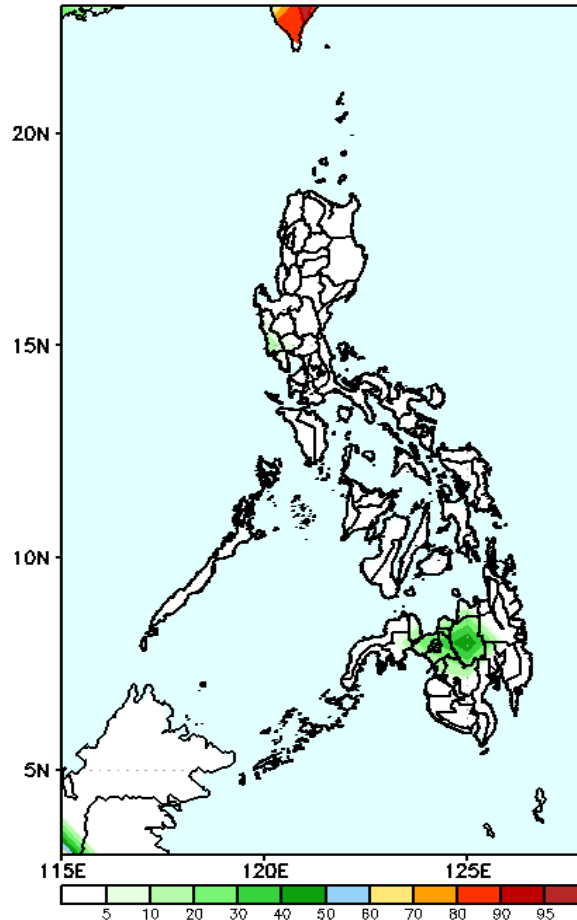
Week 2: May 21-27, 2020

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20200521 – 20200527



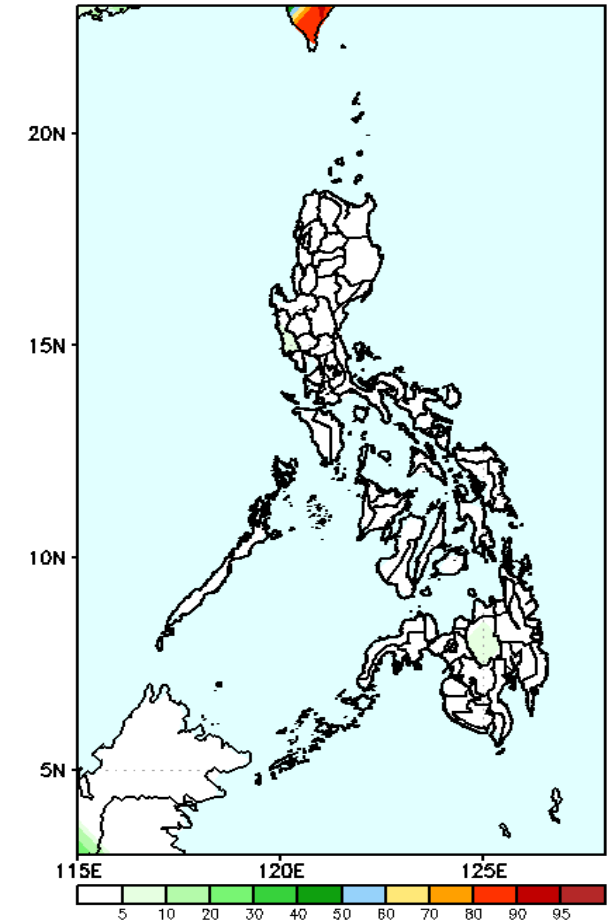
High probability of rainfall to exceed 100mm in Bukidnon and Lanao del Sur while less likely for the rest of the country during the forecast period

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20200521 – 20200527



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

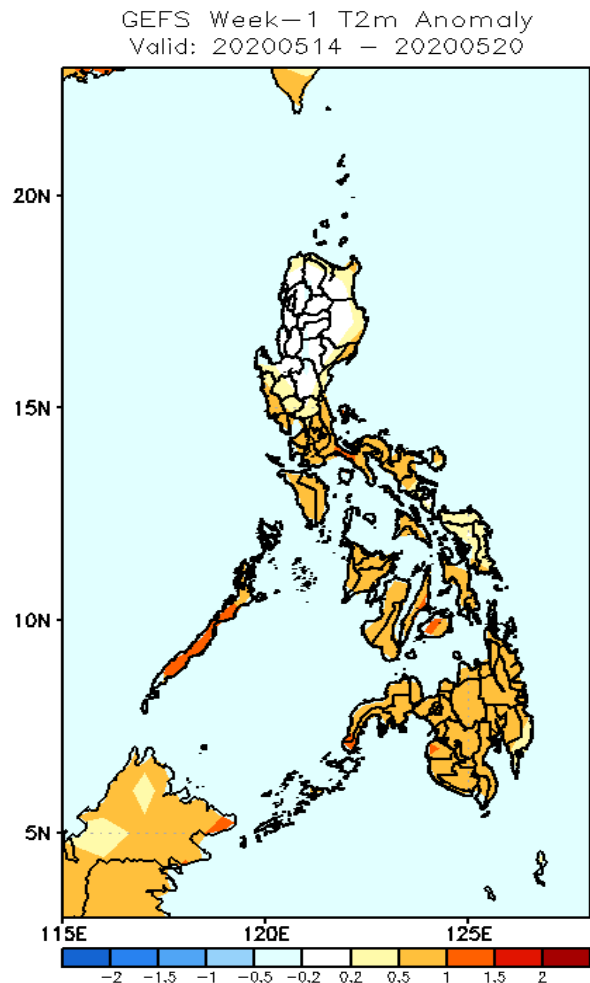
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20200521 – 20200527



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

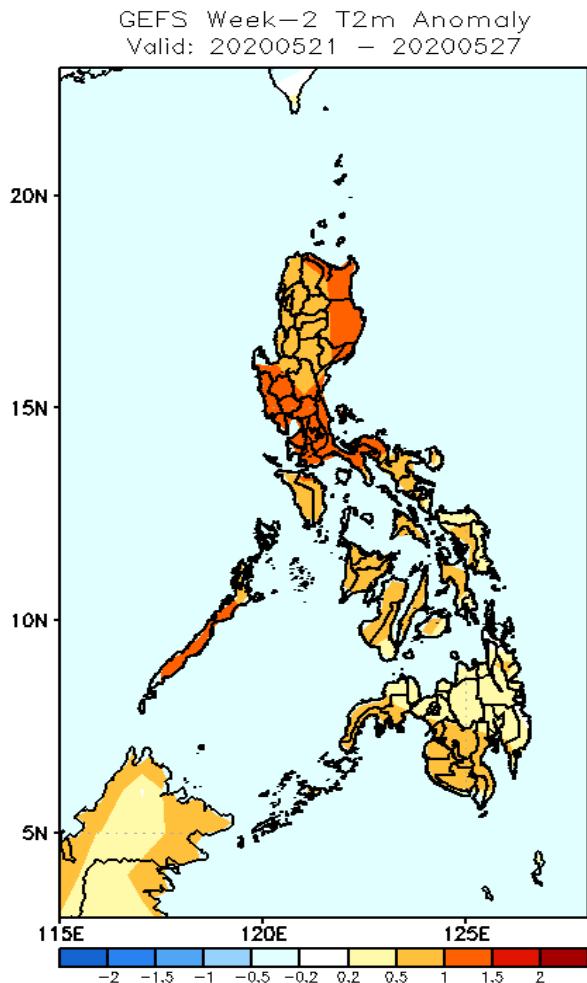


GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: May 14-20, 2020

Slightly warmer to warmer than average surface air temperature will likely experience in most parts of the country except northern and central Luzon during the forecast period.



2m Temperature Week 2: May 21-27, 2020

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