



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



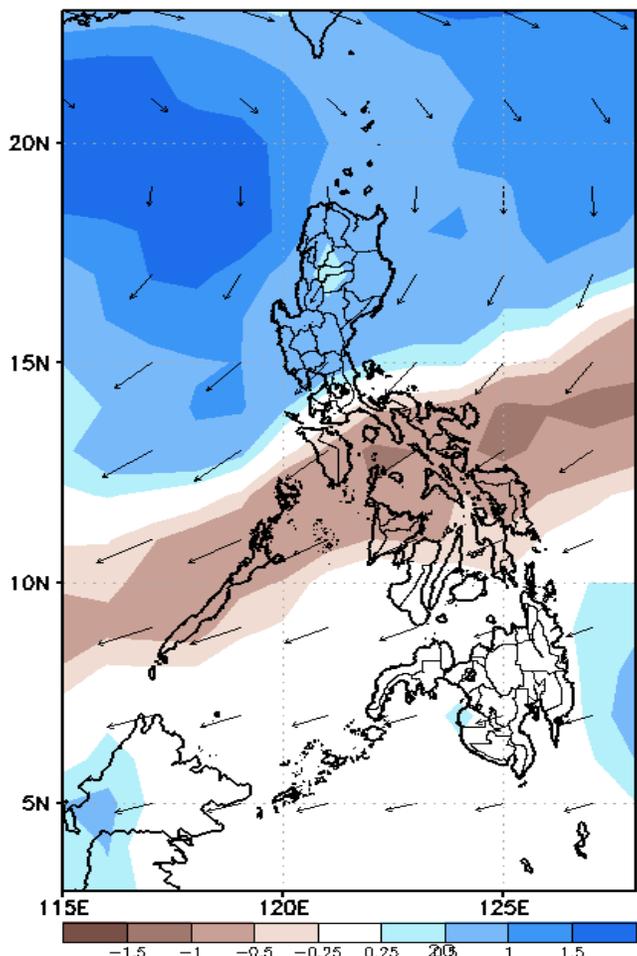
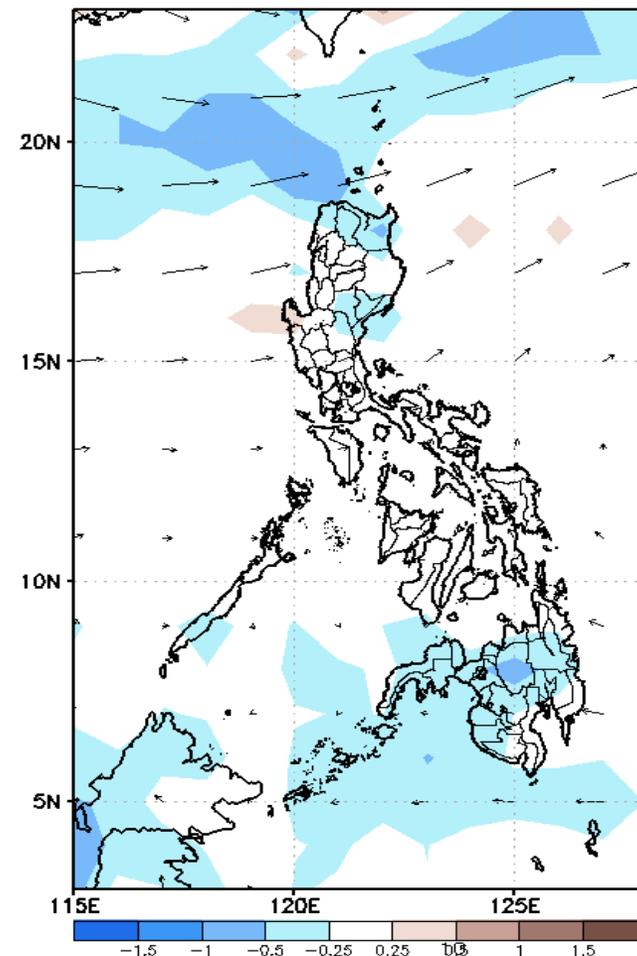
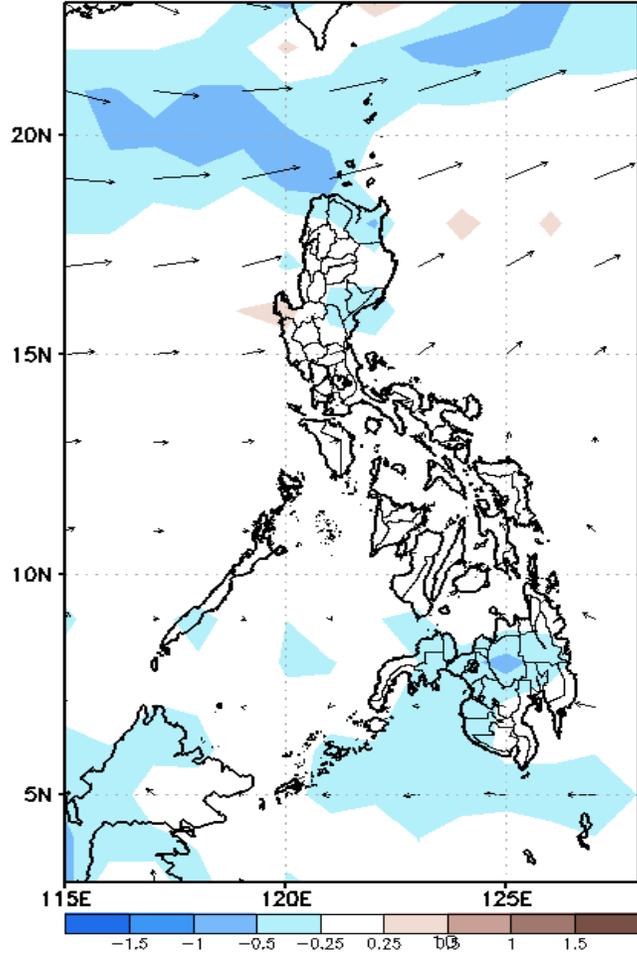
GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: May 21-27, 2020

GEFS Week-1 850-hPa Divergence and Wind Anom
Valid: 20200521 - 20200527

GEFS Week-1 700-hPa Divergence and Wind Anom
Valid: 20200521 - 20200527

GEFS Week-1 200-hPa Divergence and Wind Anom
Valid: 20200521 - 20200527



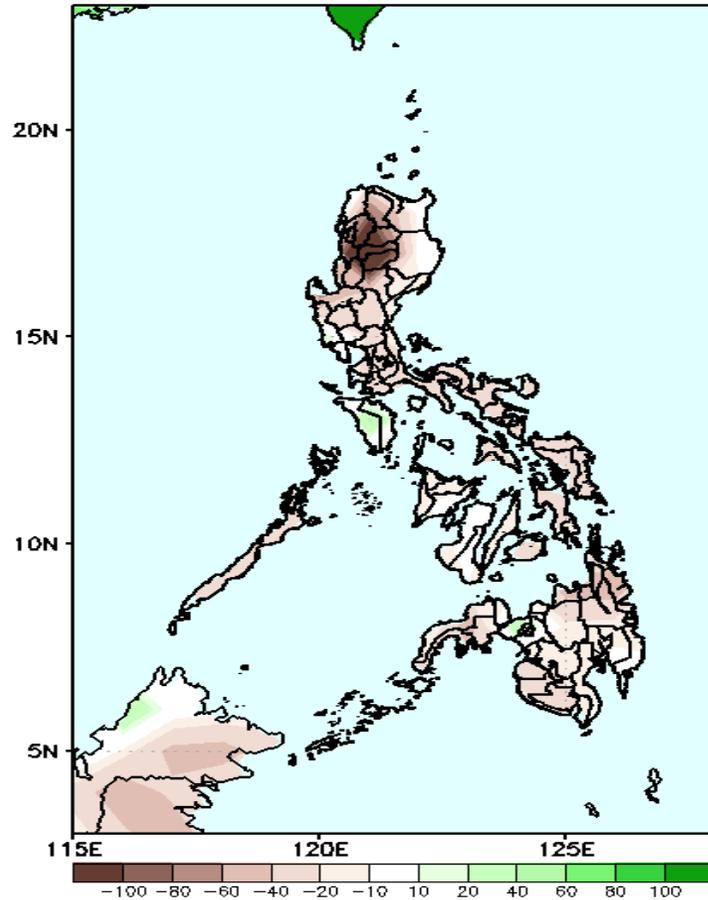
Upper level (200 hPa) Divergence suggest likelihood of precipitation in most parts of northern and central Luzon while low level divergence (850 hPa) suggest likelihood of precipitation in some parts of Mindanao. South to southwesterly windflow affecting the western parts of the country during the forecast period.



Precipitation Anomaly and Exceedance Probability > 25/50 mm

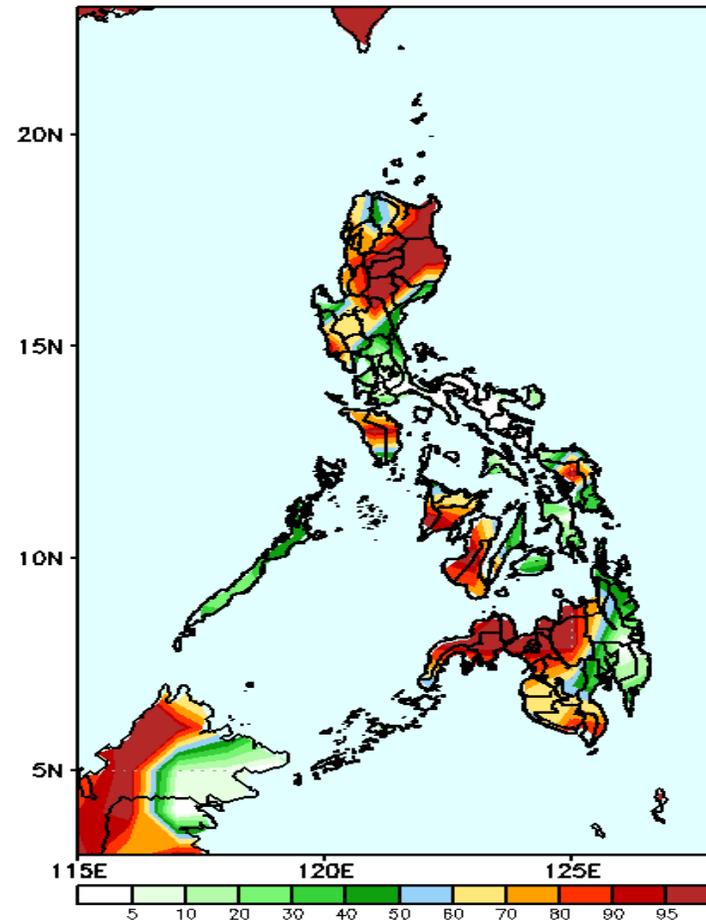
Week 1: May 21-27, 2020

GEFS Week-1 Precip Anomaly
Valid: 20200521 - 20200527



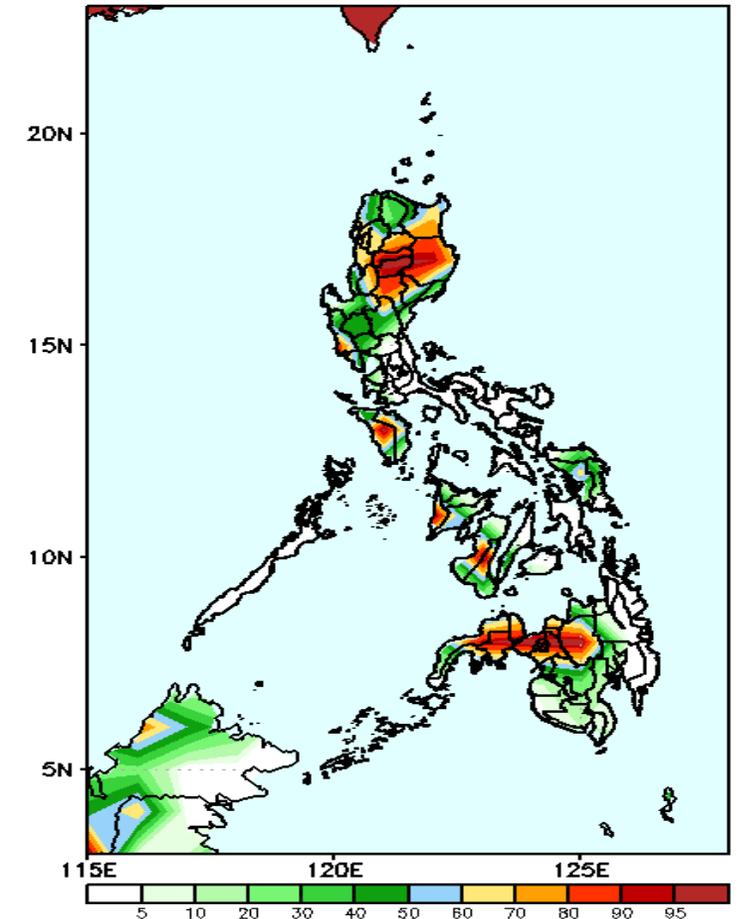
Rainfall deficit of 30-100mm in Luzon is expected while 10-60mm for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20200521 - 20200527



High probability of rainfall to exceed 25mm in most parts of Luzon, western Visayas, in Northern and western Mindanao including Zamboanga Peninsula while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20200521 - 20200527

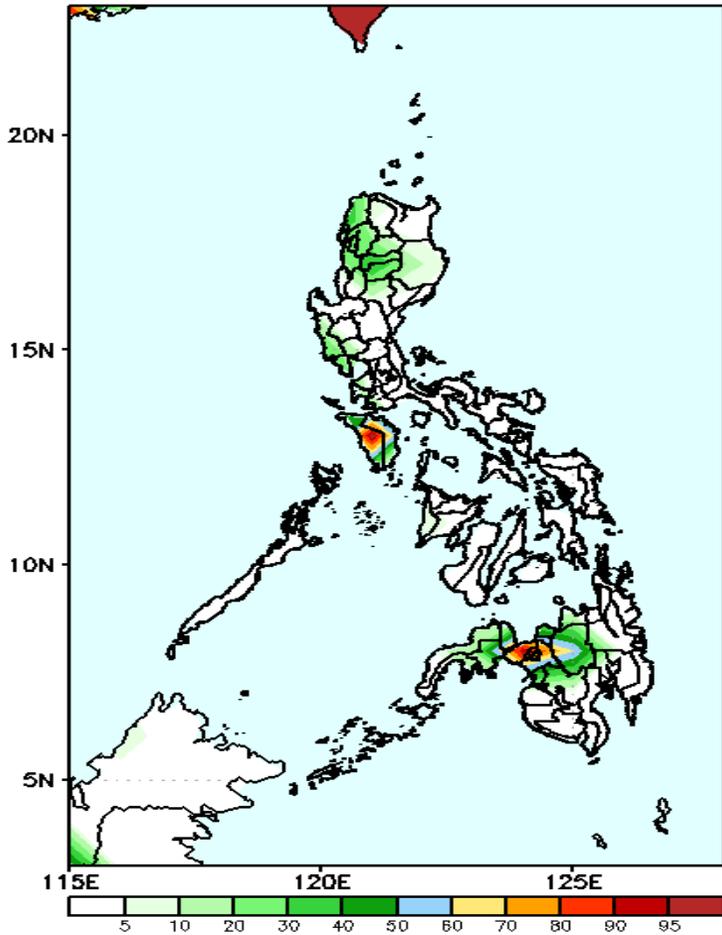


High probability of rainfall to exceed 50mm in most parts of Cagayan Valley and CAR, Mindoro, Antique, Negros Occ. Northern Mindanao and Zamboanga Peninsula while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

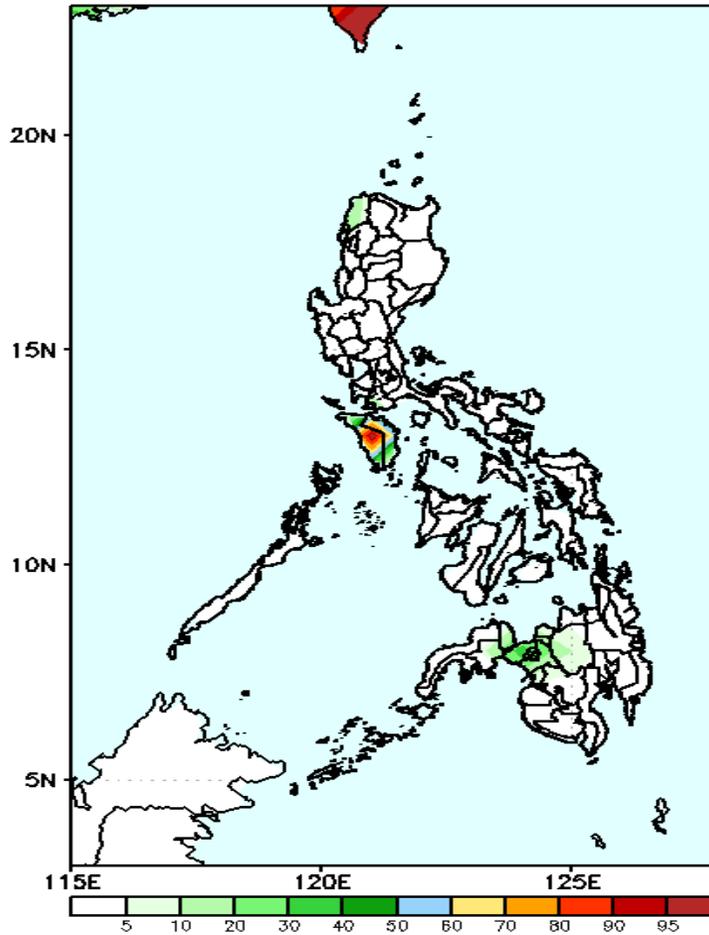
Week 1: May 21-27, 2020

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20200521 - 20200527



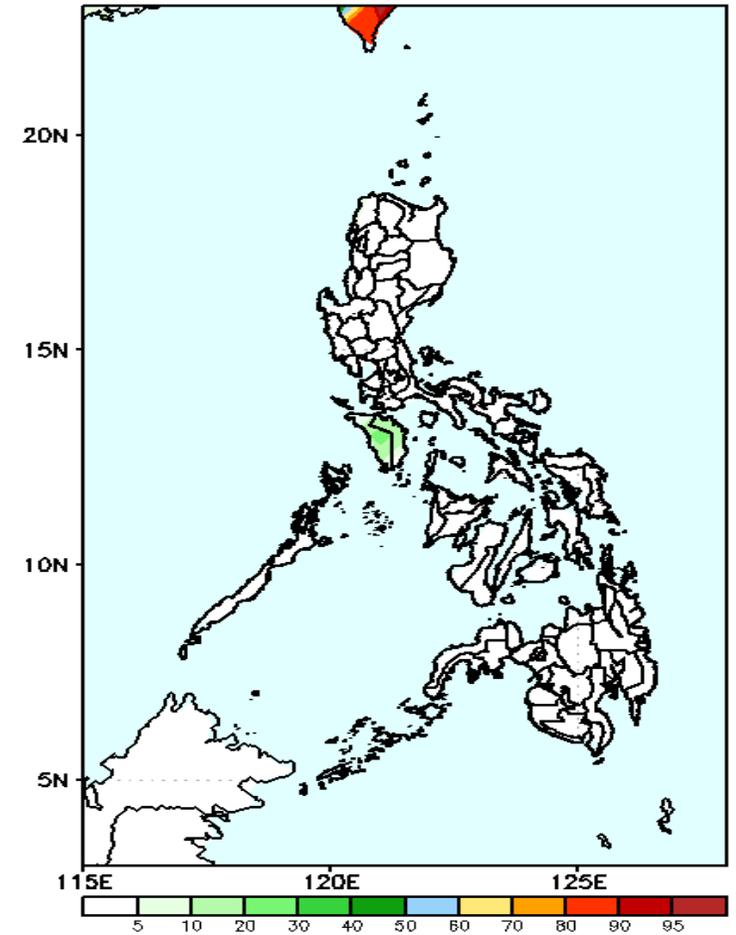
High probability of rainfall to exceed 100mm in Mindoro and Lanao provinces while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20200521 - 20200527



50-90% probability of rainfall to exceed 150mm in Mindoro while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20200521 - 20200527



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



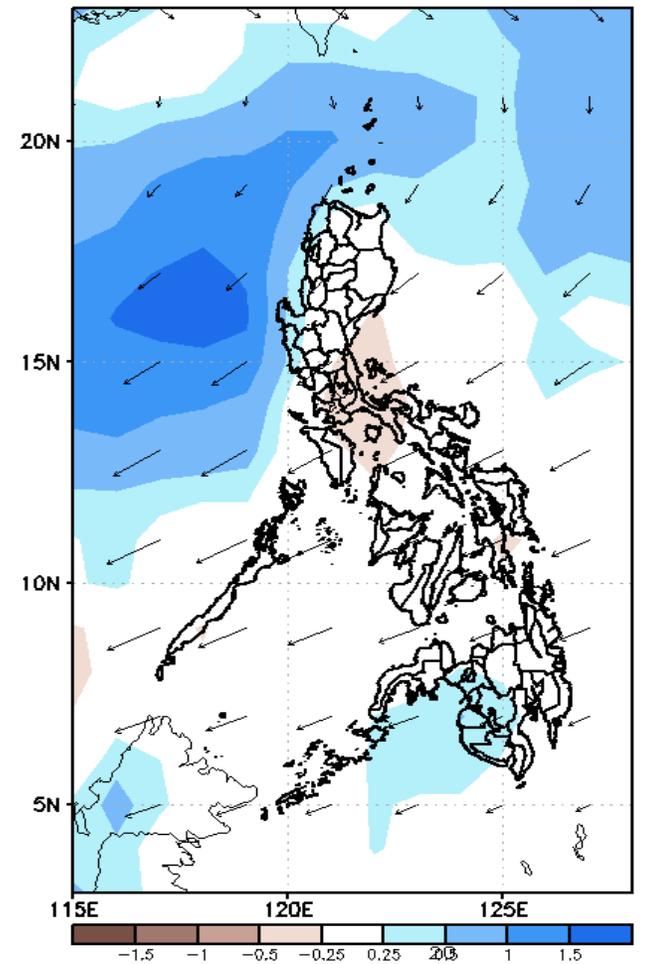
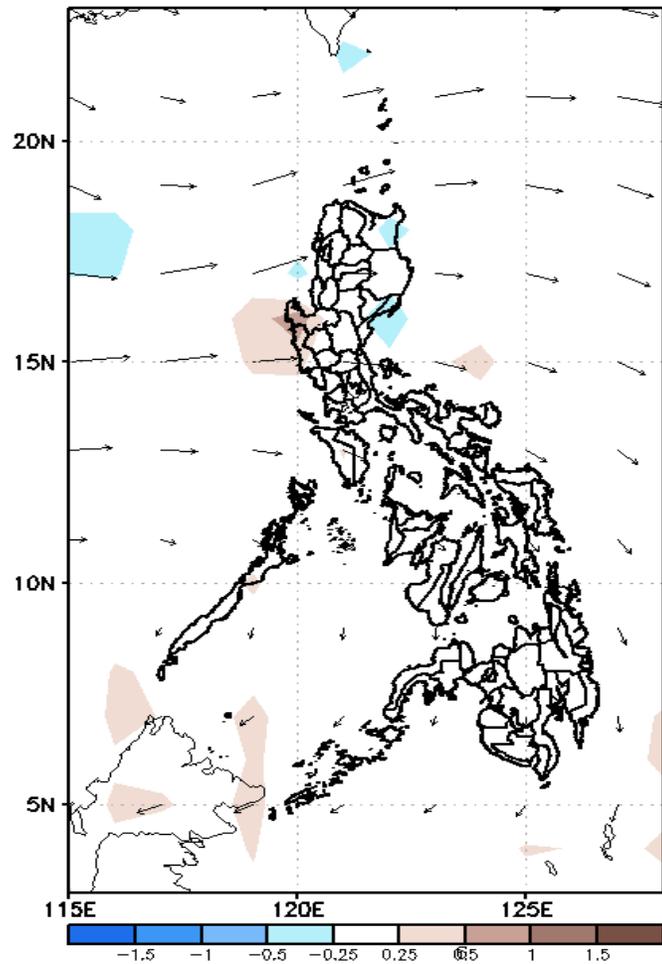
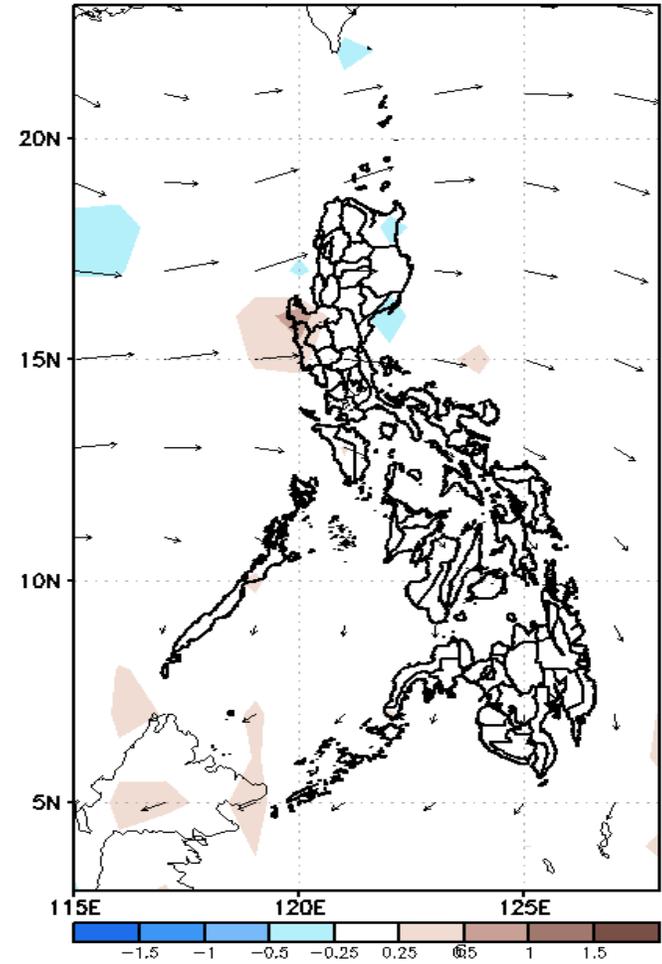
GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: May 28- June 03, 2020

GEFS Week-2 850-hPa Divergence and Wind Anom
Valid: 20200528 - 20200603

GEFS Week-2 700-hPa Divergence and Wind Anom
Valid: 20200528 - 20200603

GEFS week-2 200-hPa Divergence and Wind Anom
Valid: 20200528 - 20200603



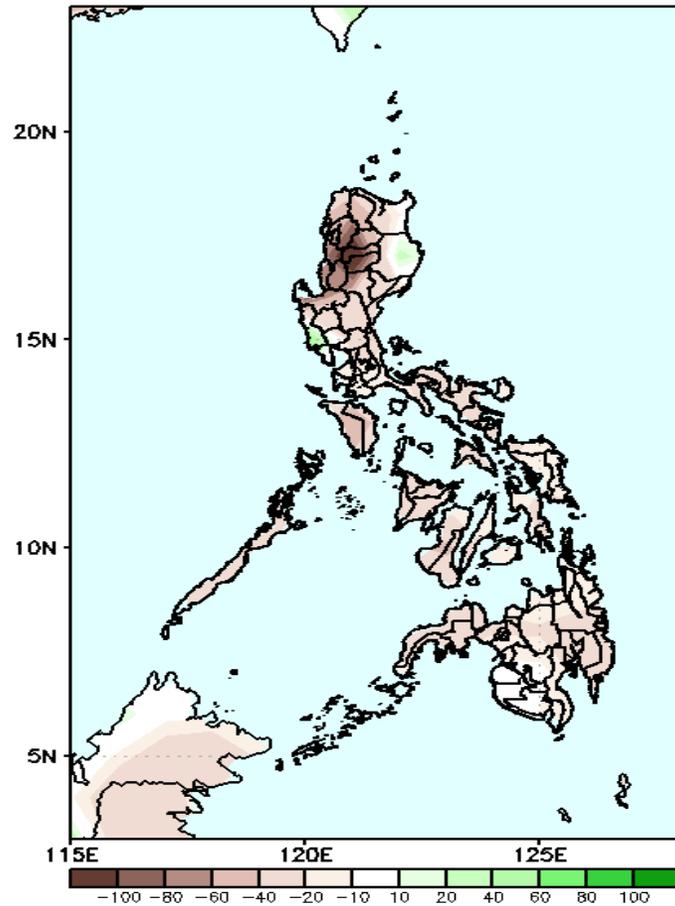
Upper level (200 hPa) Divergence suggest likelihood of precipitation in western parts of the country. Southwesterly windflow/Southwest Monsoon affecting the western parts Luzon while easterlies affecting most parts of the country during the forecast period.



Precipitation Anomaly and Exceedance Probability > 25/50 mm

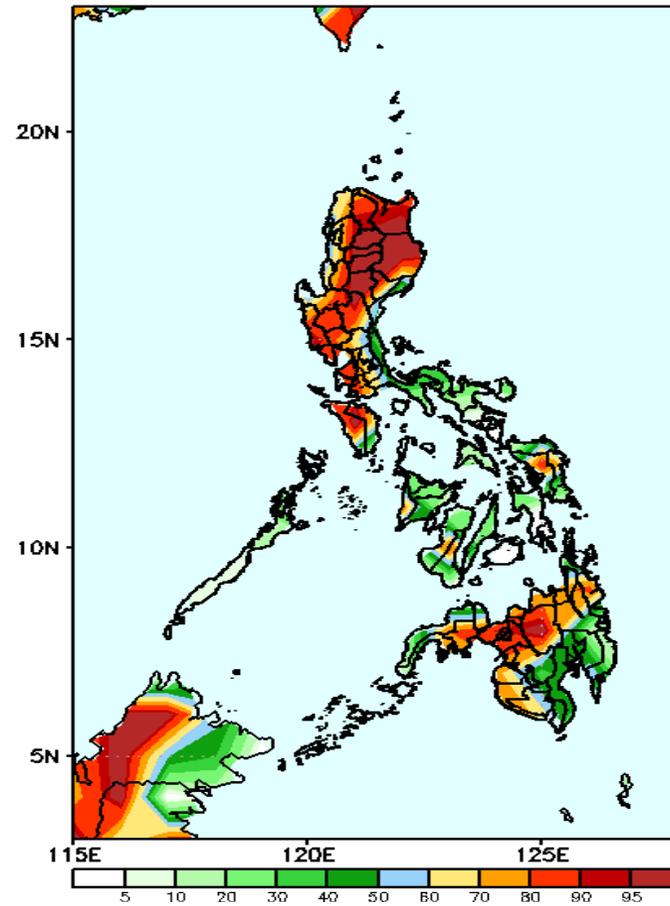
Week 2: May 28- June 03, 2020

GEFS Week-2 Precip Anomaly
Valid: 20200528 - 20200603



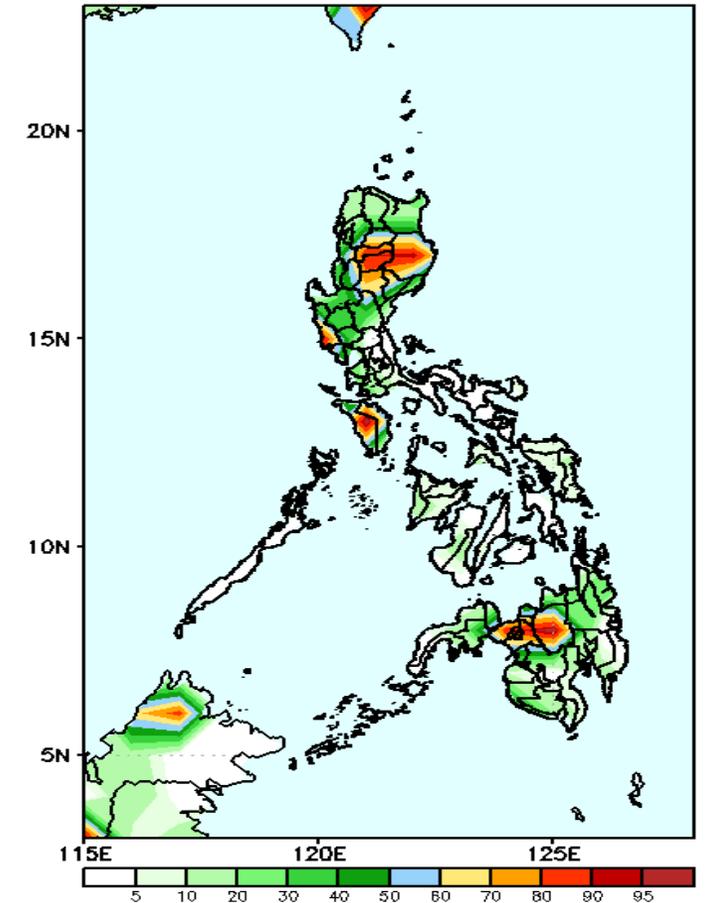
Rainfall deficit of up to 100mm is expected in western Luzon while 10-60mm for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20200528 - 20200603



High probability of rainfall to exceed 25mm in most parts of Luzon, in Northern and western Mindanao including Zamboanga Peninsula while less likely for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20200528 - 20200603

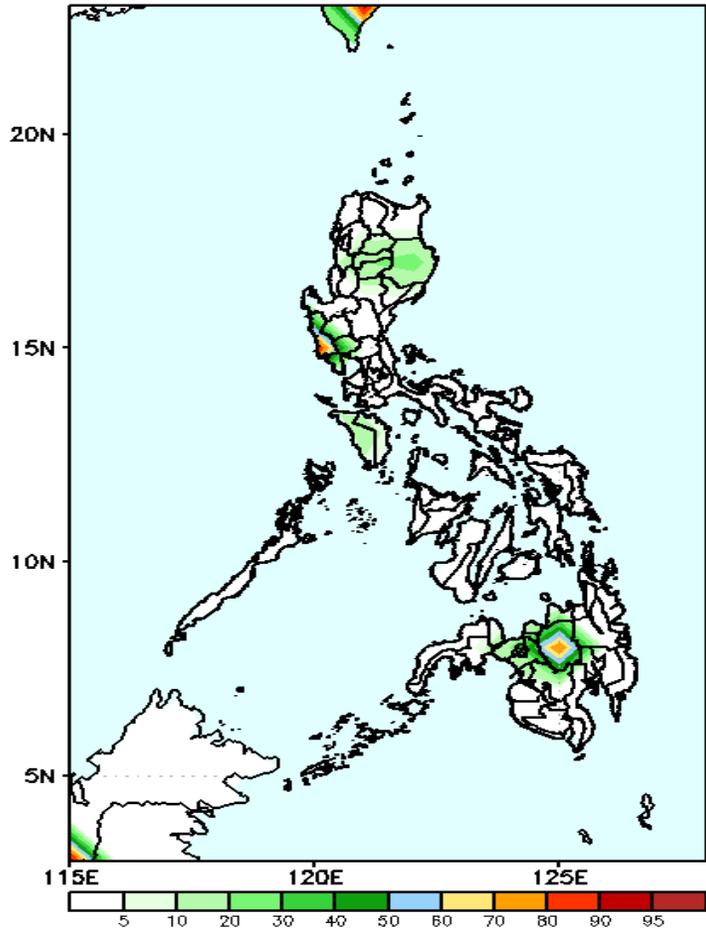


High probability of rainfall to exceed 50mm in most parts of CAR, Isabela, Mindoro, Bukidnon and Lanao provinces while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

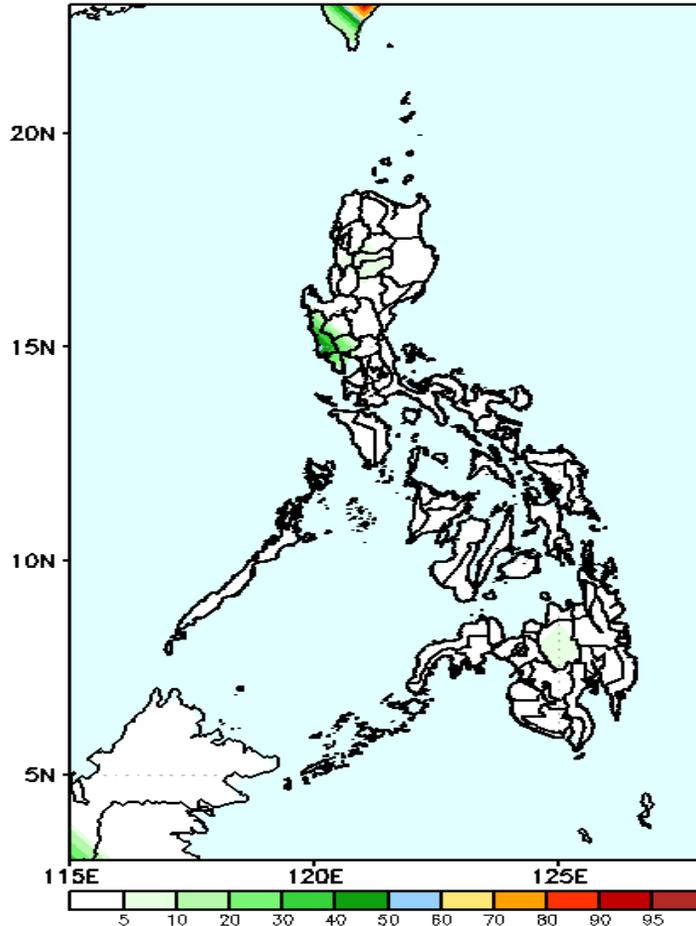
Week 2: May 28- June 03, 2020

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20200528 - 20200603



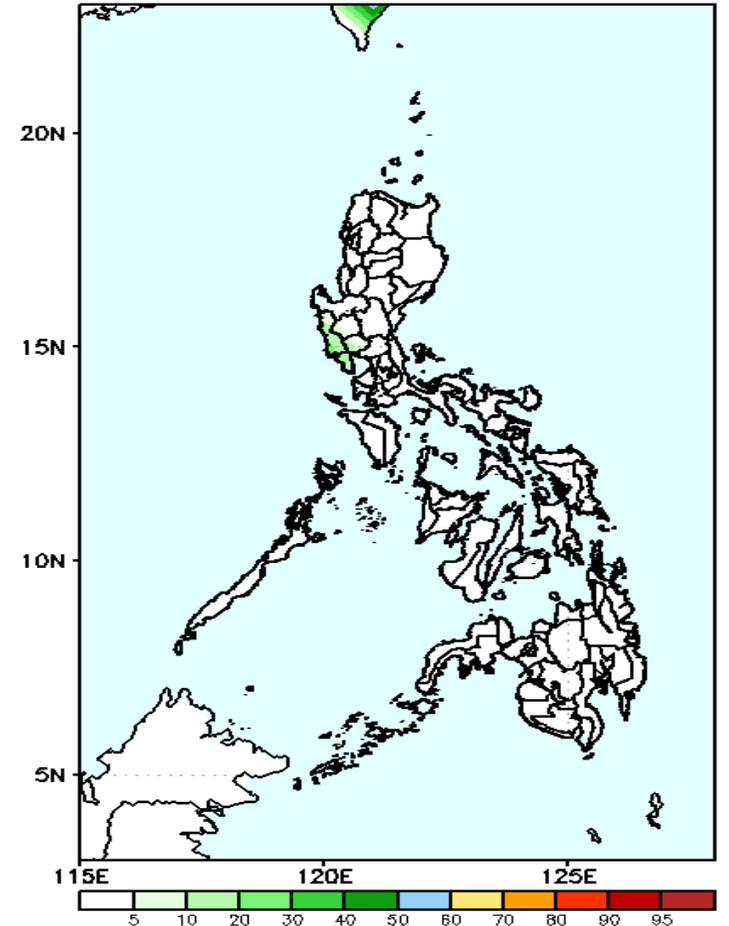
Less probability of rainfall to exceed 100mm in most parts of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20200528 - 20200603



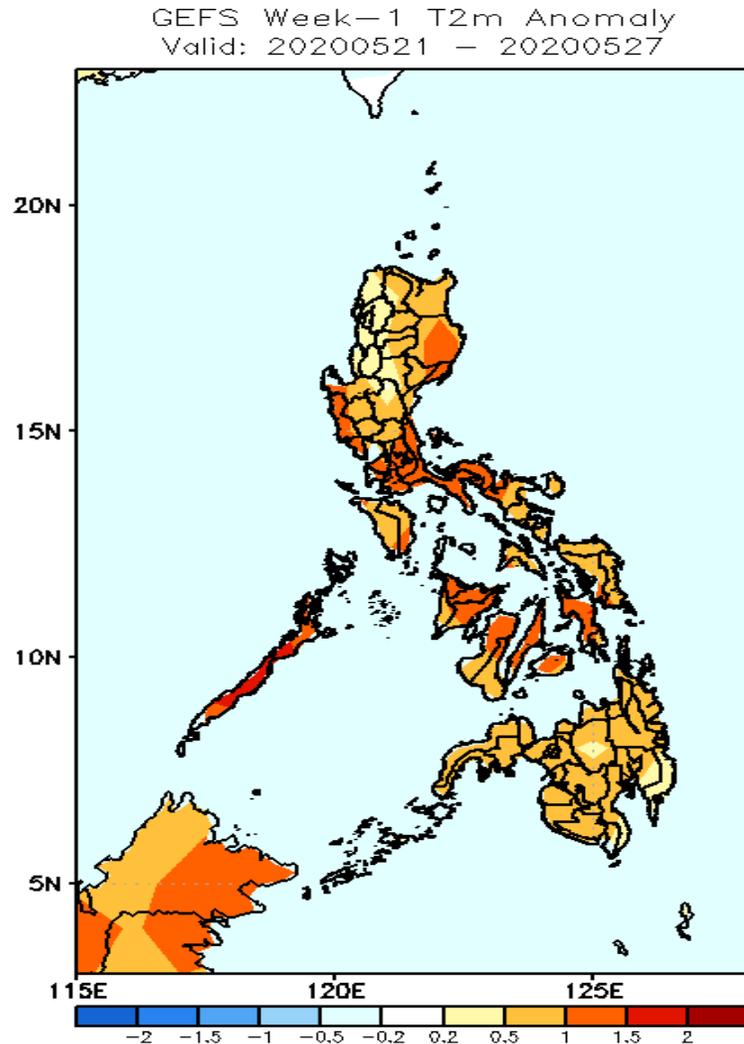
Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20200528 - 20200603



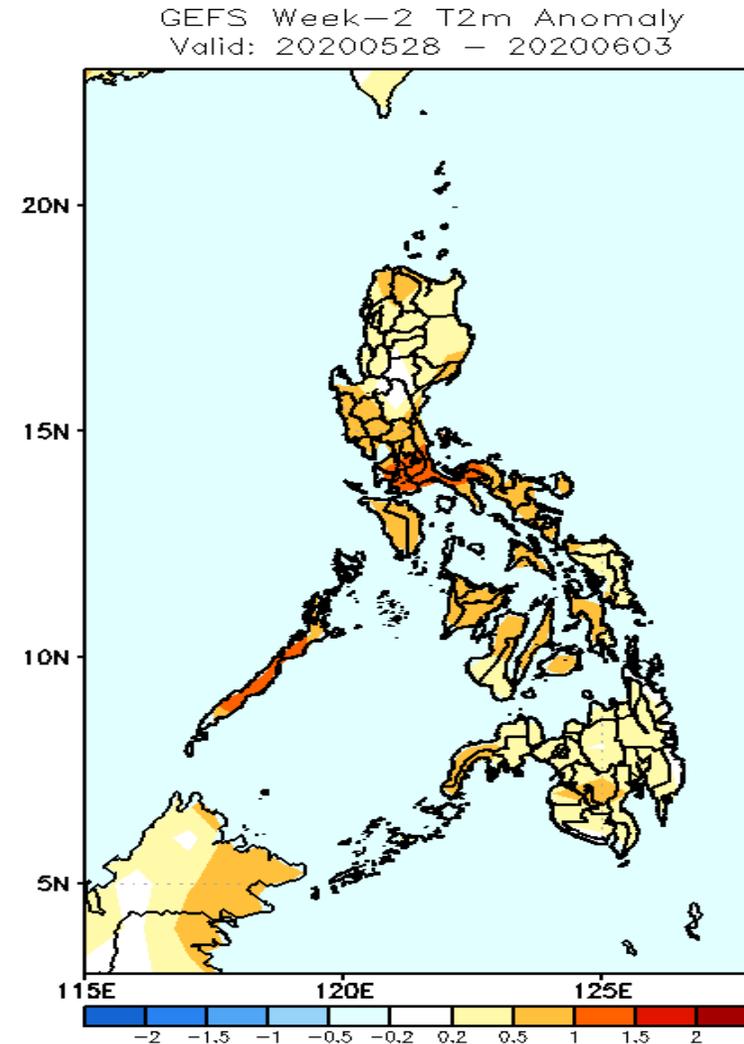
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: May 21-27, 2020

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



2m Temperature Week 2: May 28- June 03, 2020

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