



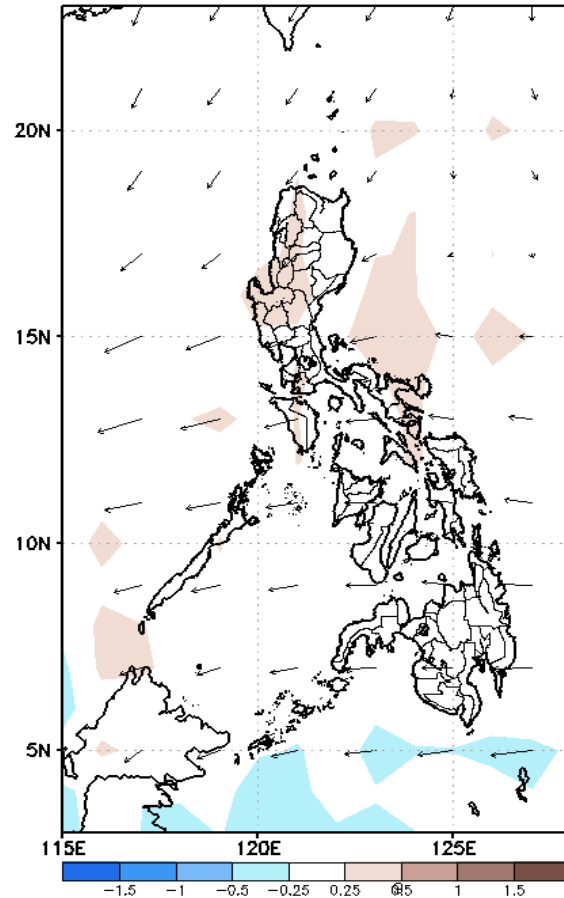
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



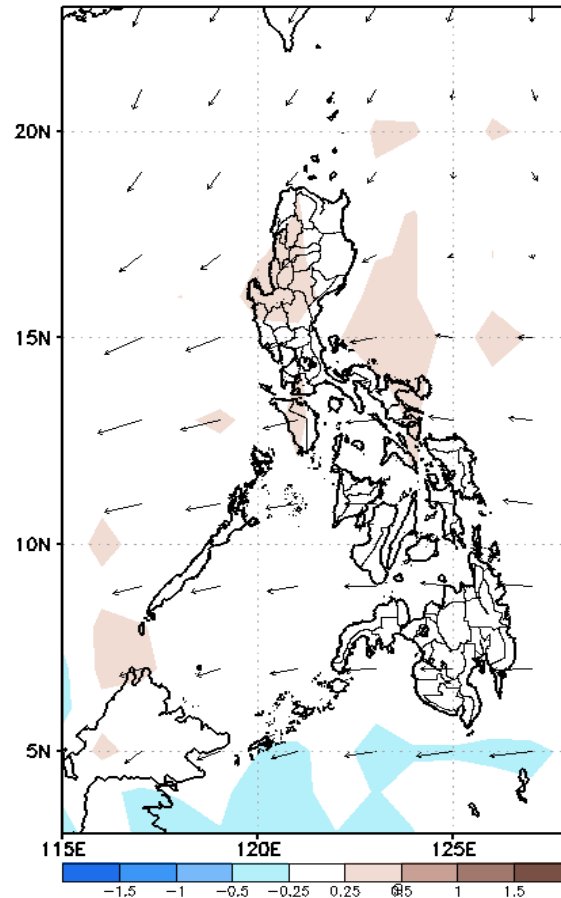
GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: July 12-18 2021

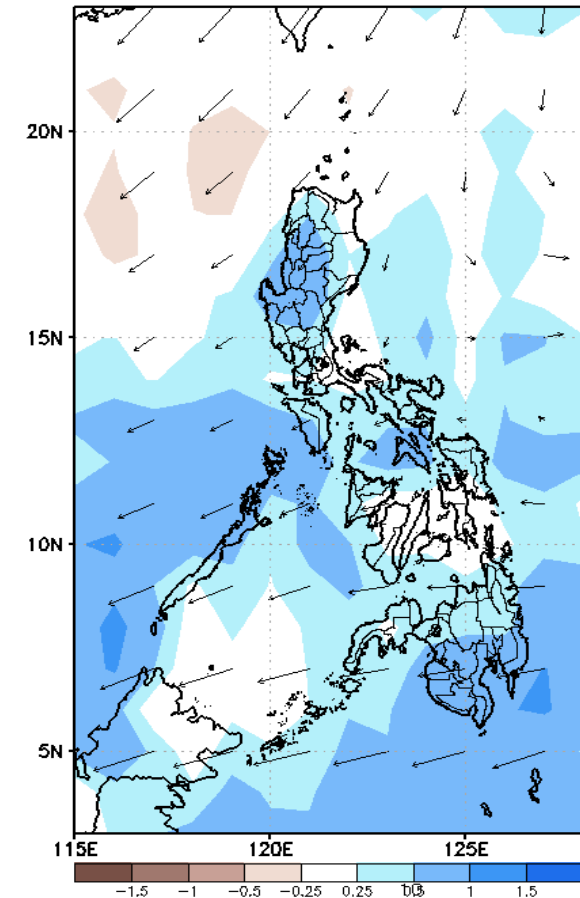
GEFS Week-1 850-hPa Divergence and Wind Anom
Valid: 20210712 - 20210718



GEFS Week-1 700-hPa Divergence and Wind Anom
Valid: 20210712 - 20210718



GEFS Week-1 200-hPa Divergence and Wind Anom
Valid: 20210712 - 20210718

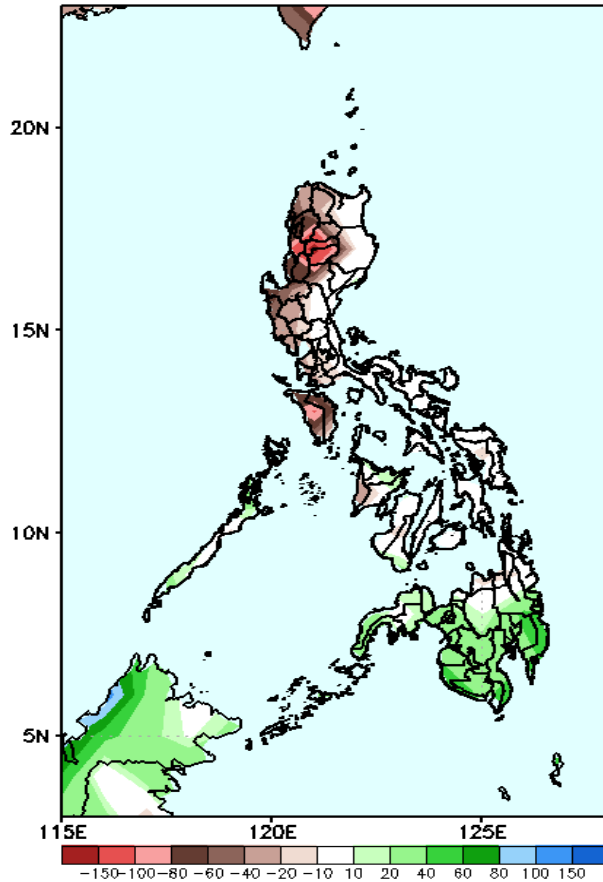


Upper and low level Divergence suggest likelihood of precipitation in most parts of the country. Southwest monsoon affecting parts of Western Luzon while Easterlies affecting the rest of the country. Attributing to warmer temperature and higher heat index; with humid environment(especially in the western section of the country) during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

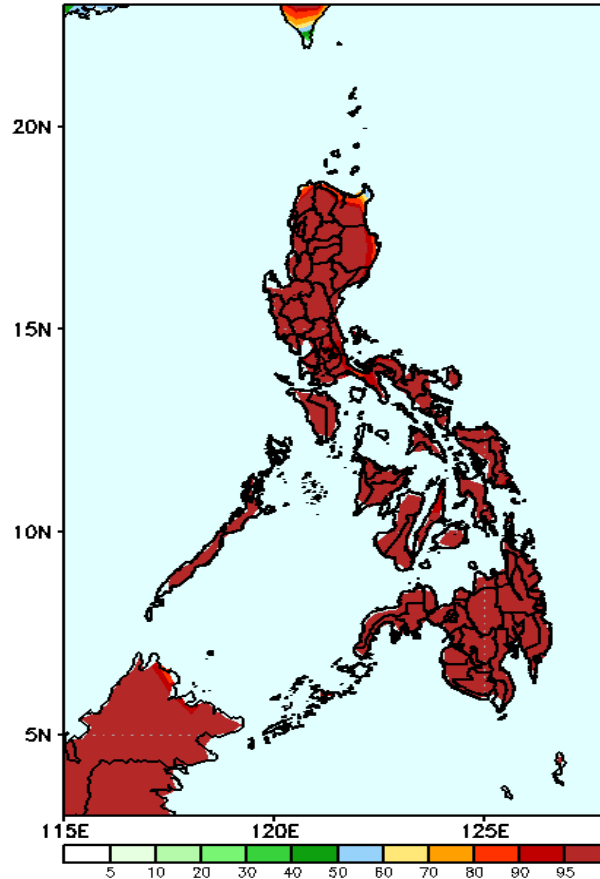
Week 1: July 12-18 2021

GEFS Week-1 Precip. Anomaly
Valid: 20210712 - 20210718



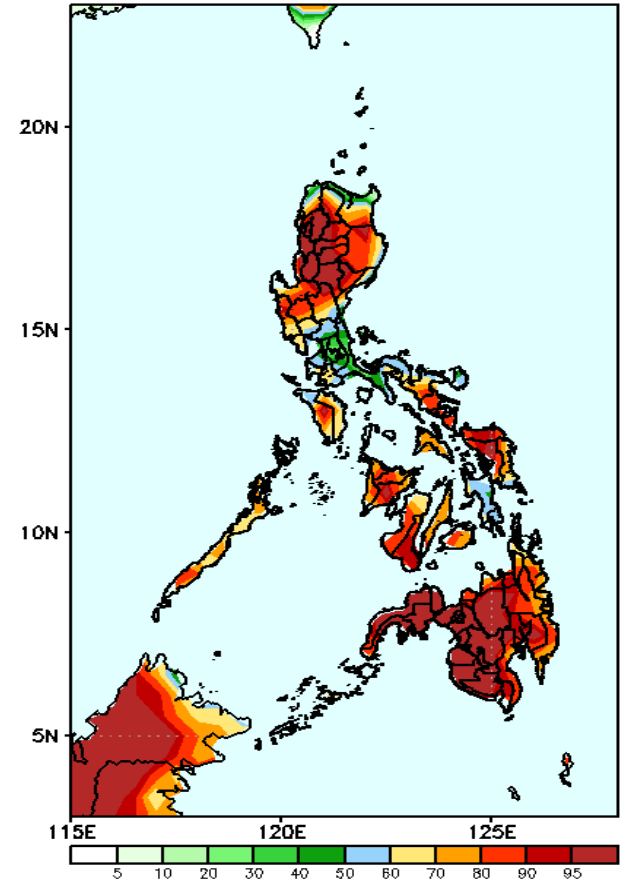
Rainfall deficit of 40-150mm is expected in the western section of Luzon while 40-80mm increase of rainfall in most parts of Mindanao during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20210712 - 20210718



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

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20210712 - 20210718



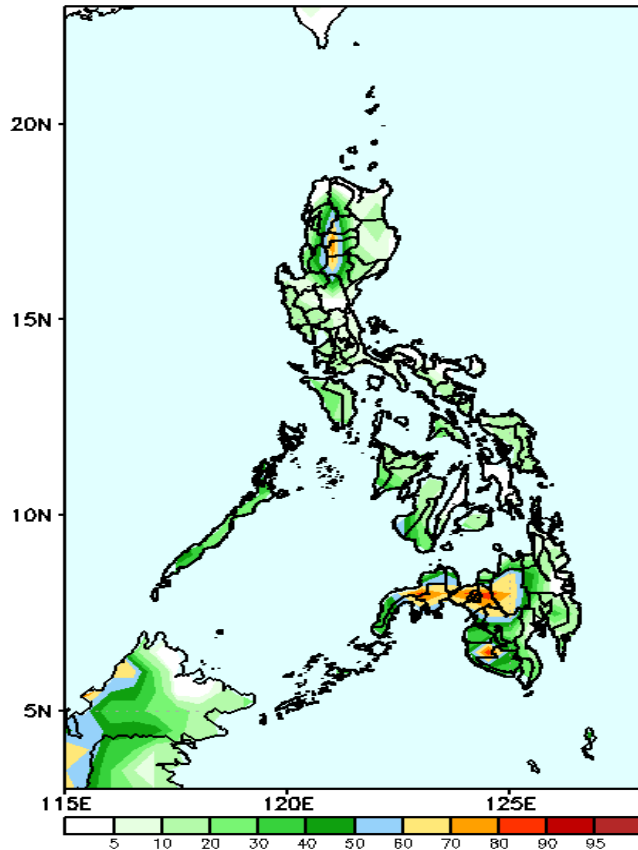
High probability of rainfall to exceed 50mm in most parts the country except Laguna and Quezon provinces during the forecast period.



Exceedance Probability > 100/150/200 mm

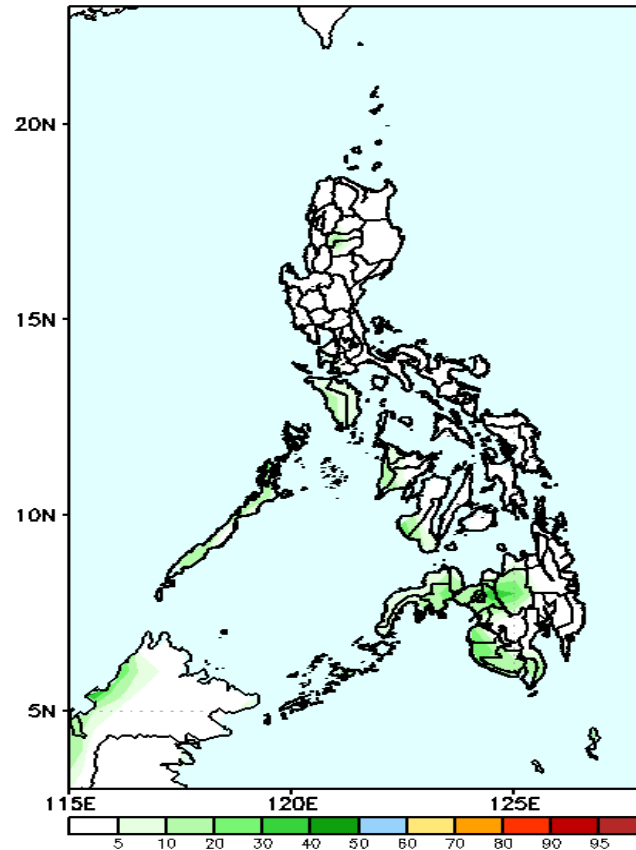
Week 1: July 12-18 2021

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20210712 - 20210718



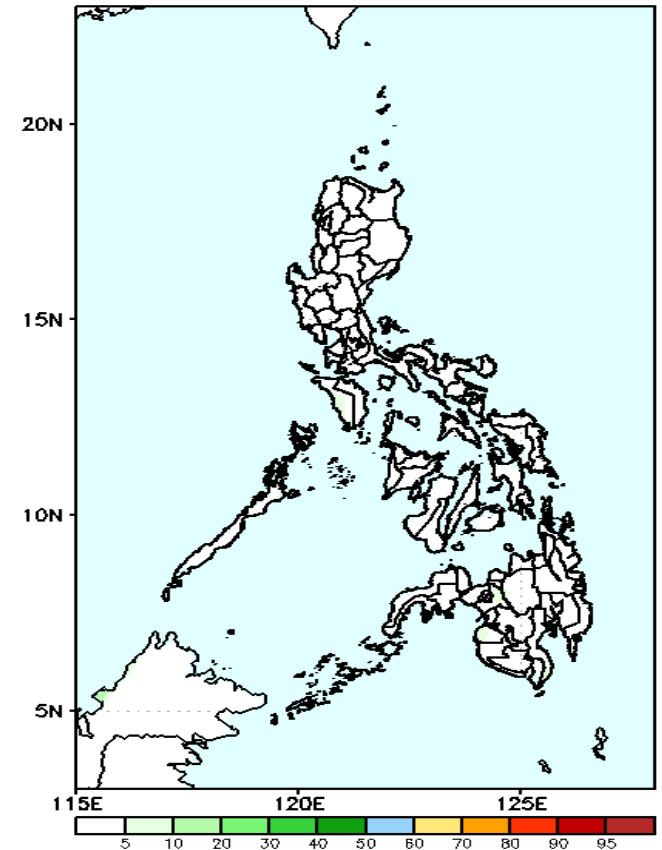
Less probability of rainfall to exceed 100mm in most parts of the country except Bukidnon, Lanao provinces and Zamboanga del Sur where 100mm of rainfall is most likely during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20210712 - 20210718



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

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20210712 - 20210718



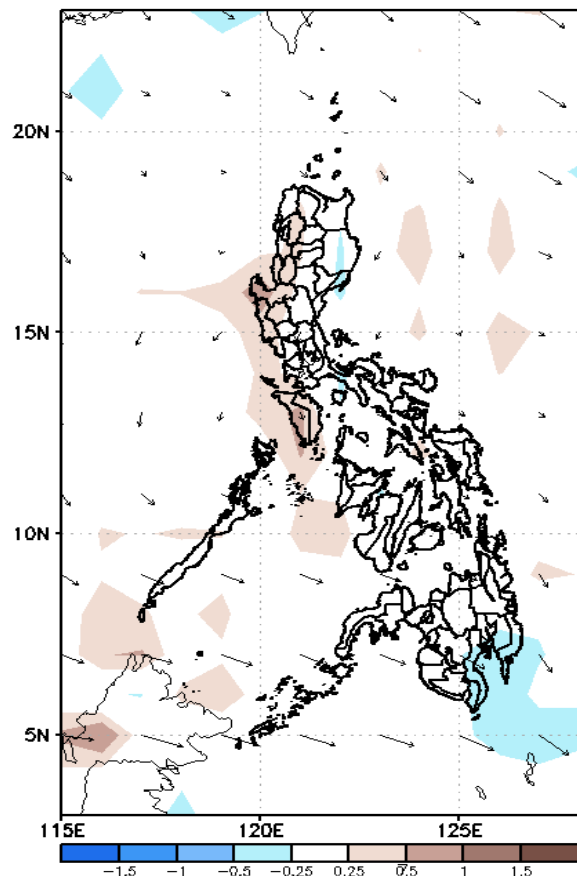
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.



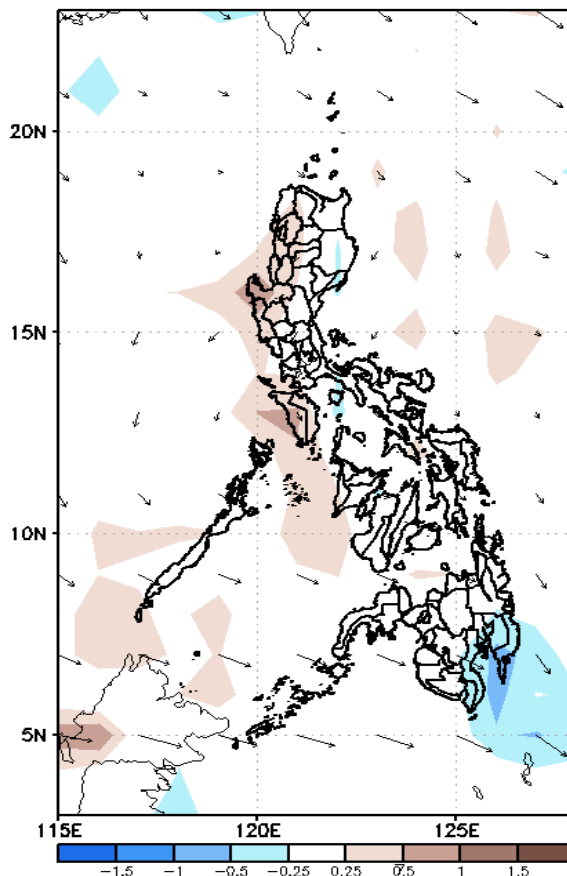
GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: July 19-25, 2021

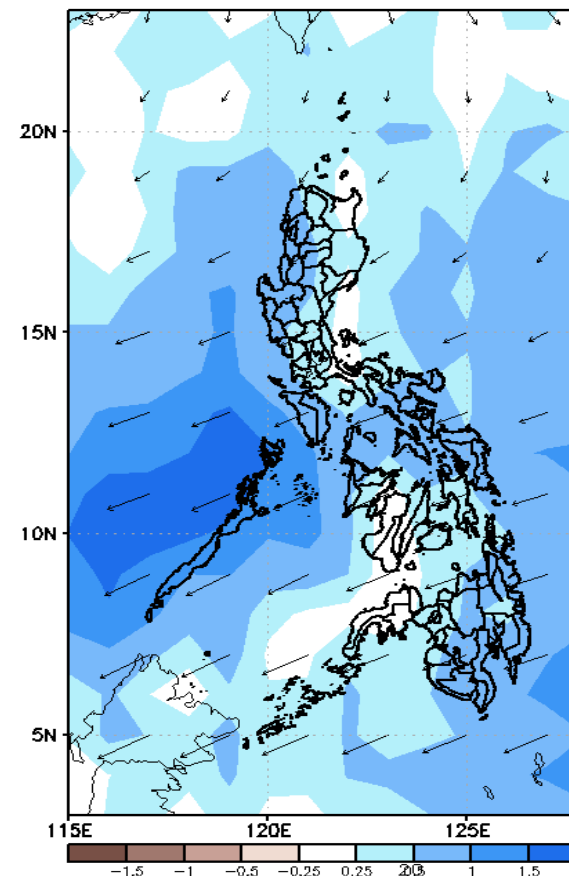
GEFS Week-2 850-hPa Divergence and Wind Anom.
Valid: 20210719 - 20210725



GEFS Week-2 700-hPa Divergence and Wind Anom
Valid: 20210719 - 20210725



GEFS week-2 200-hPa Divergence and Wind Anom
Valid: 20210719 - 20210725

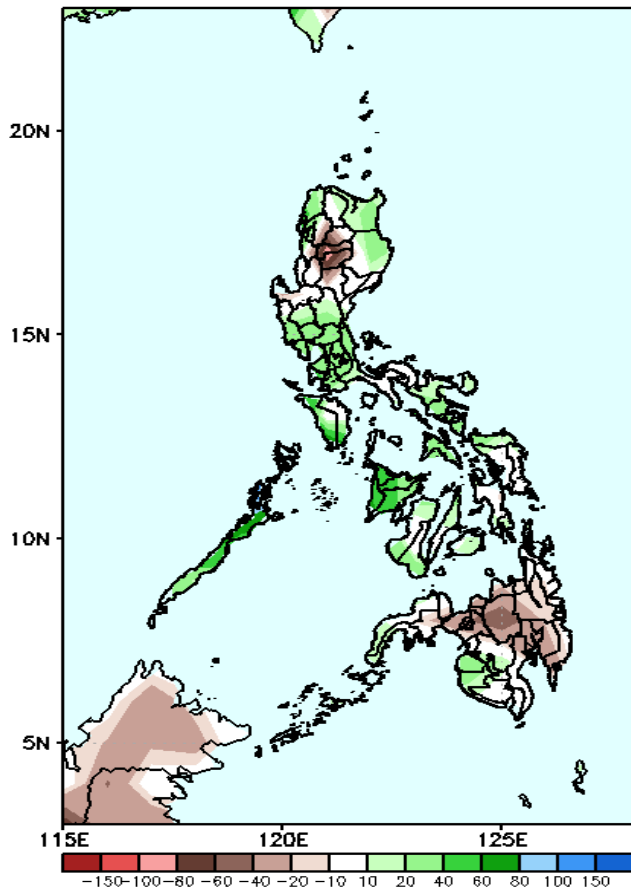


Upper and low level Divergence suggest likelihood of precipitation in most parts of the country. Southwest monsoon affecting the western sections of the country while Easterlies affecting the rest of the country. Attributing to warmer temperature and higher heat index; with humid environment(especially in the western section of the country) during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

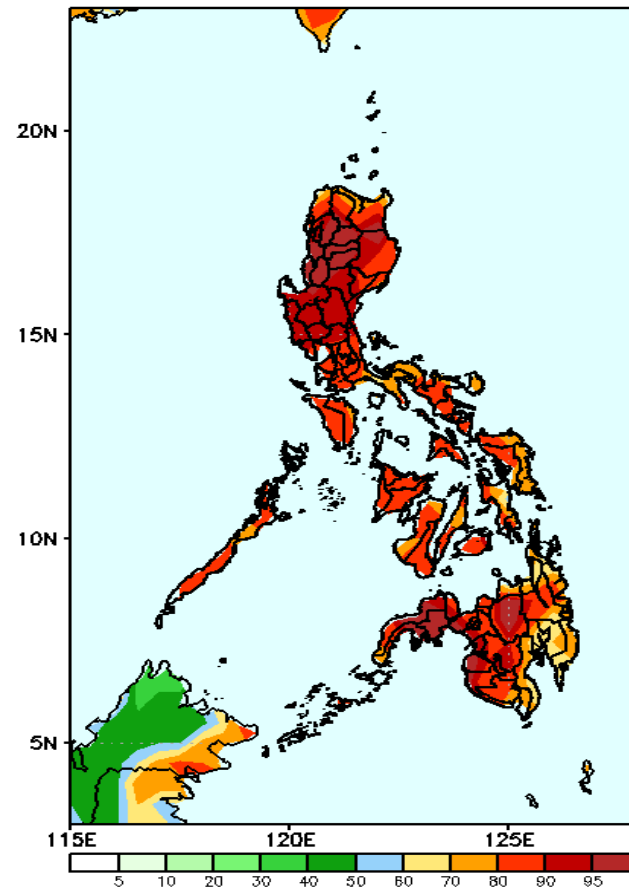
Week 2: July 19-25, 2021

GEFS Week-2 Precip Anomaly
Valid: 20210719 - 20210725



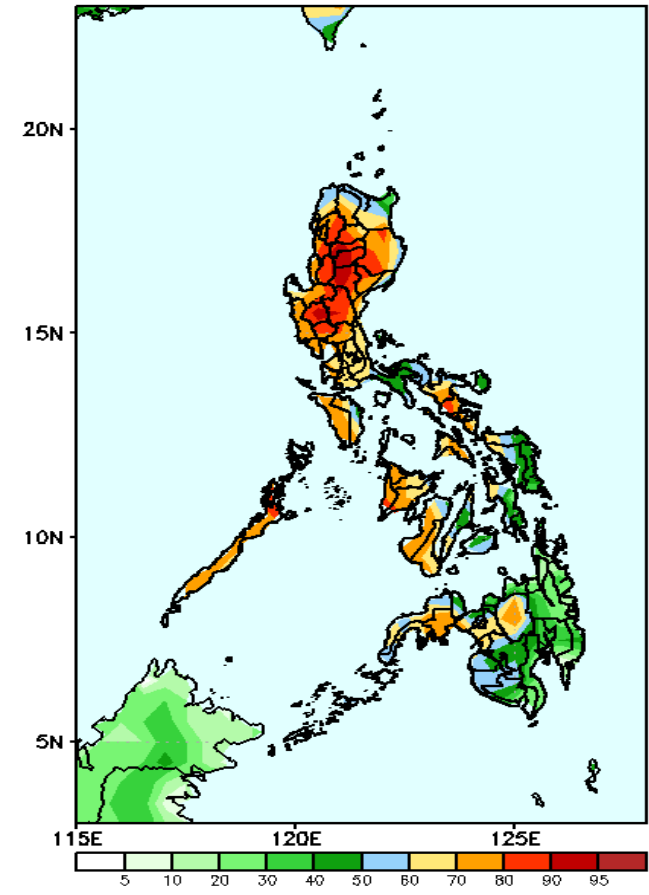
Rainfall deficit of 40-100mm is expected in Cordillera Region and most parts of Visayas while 40-80mm increase of rainfall in Panay Island, Masbate and Maguindanao during the forecast period.

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20210719 - 20210725



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

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20210719 - 20210725

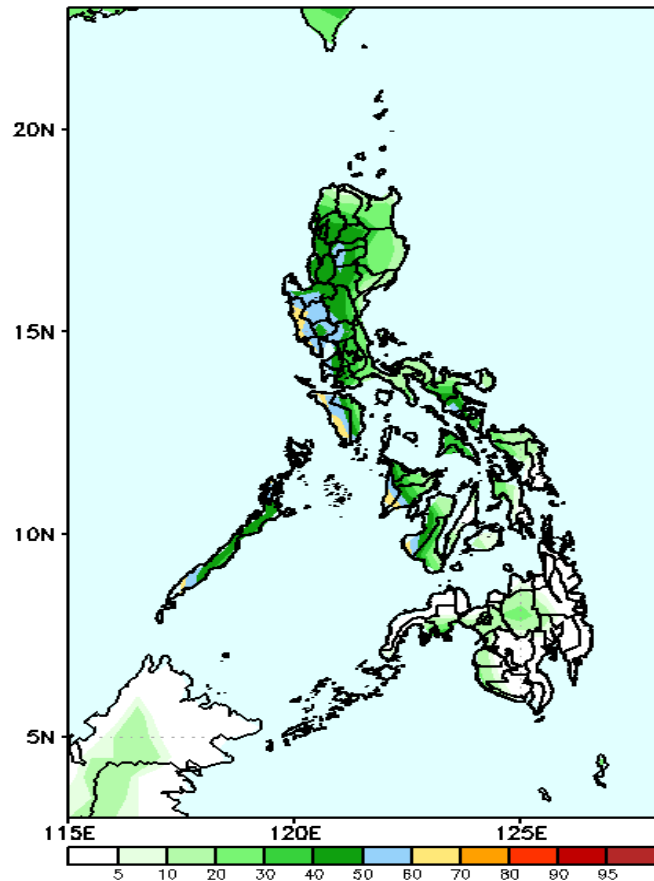


High probability of rainfall to exceed 50mm in most parts of Luzon and western parts of Visayas, Bukidnon, Lanao provinces and Zamboanga peninsula while less likely for the remaining parts of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

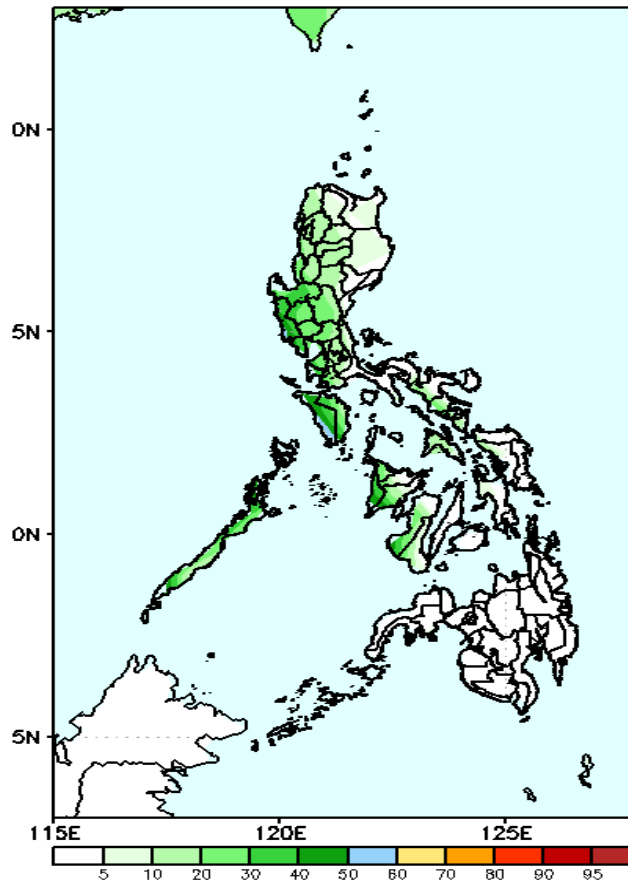
Week 2: July 19-25, 2021

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20210719 - 20210725



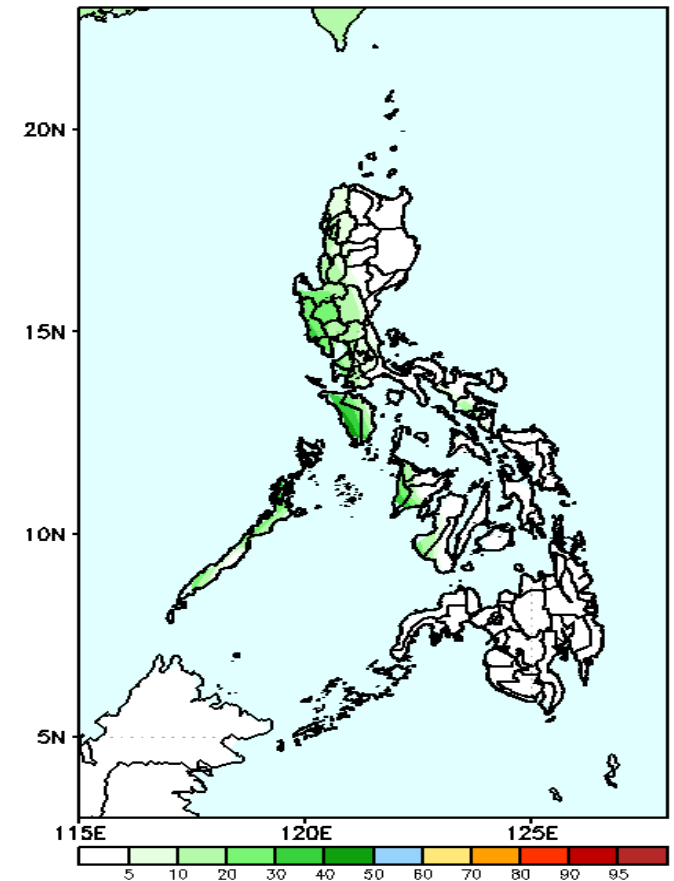
Less probability of rainfall to exceed 100mm in most parts of the country during the forecast period.

EFS Week-2 Exceedance Prob. > 150mm
Valid: 20210719 - 20210725



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

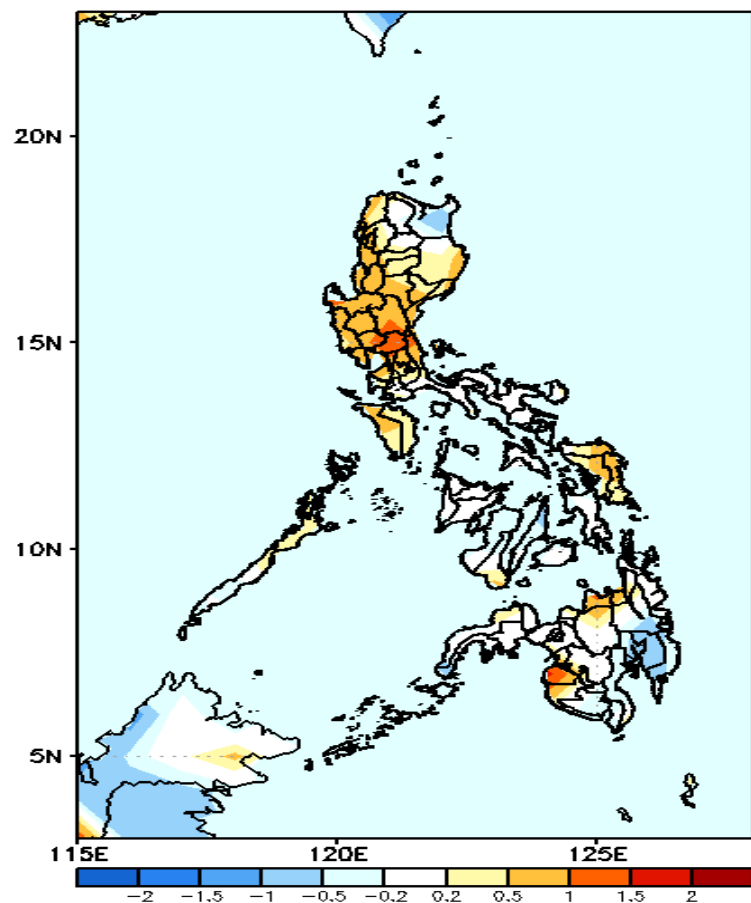
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20210719 - 20210725



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

GEFS Week-1 & 2 Forecasts: T2m Anomaly

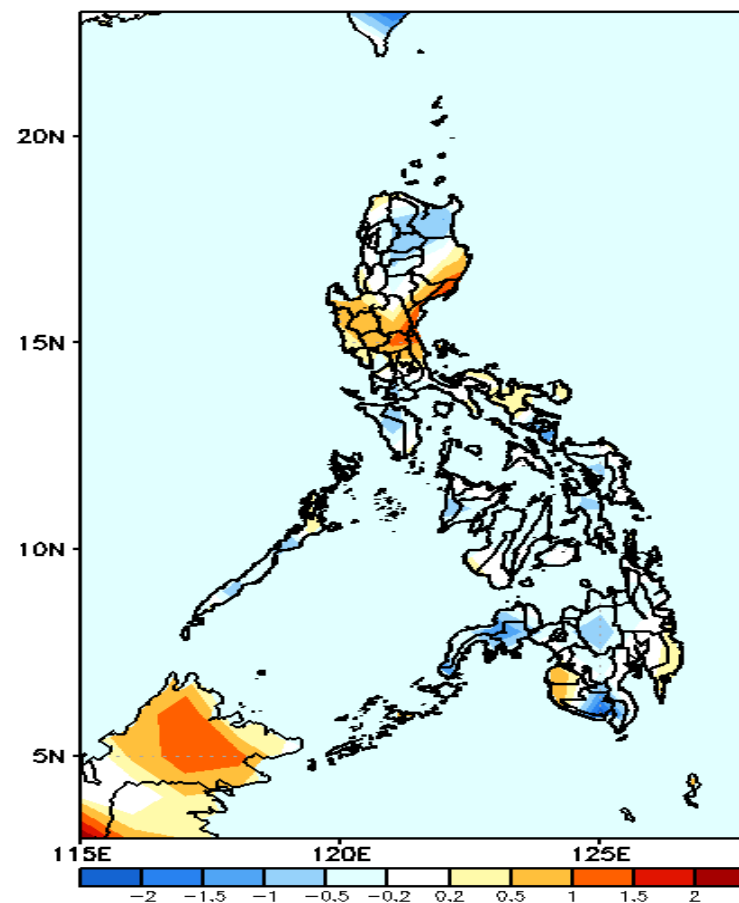
GEFS Week-1 T2m Anomaly
Valid: 20210712 – 20210718



2m Temperature Week 1: July 12-18 2021

Slightly warmer to warmer than average surface air temperature will likely experience in most parts of Luzon, Eastern Visayas, Northern Mindanao, Maguindanao and Sulatan Kudarat during the forecast period.

GEFS Week-2 T2m Anomaly
Valid: 20210719 – 20210725



2m Temperature Week 2: July 19-25, 2021

Average to slightly cooler than average surface air temperature will likely experience in most parts of the country except in eastern Isabela, Quirino and Central Luzon where slightly warmer to warmer than average temperature is expected during the forecast period.