



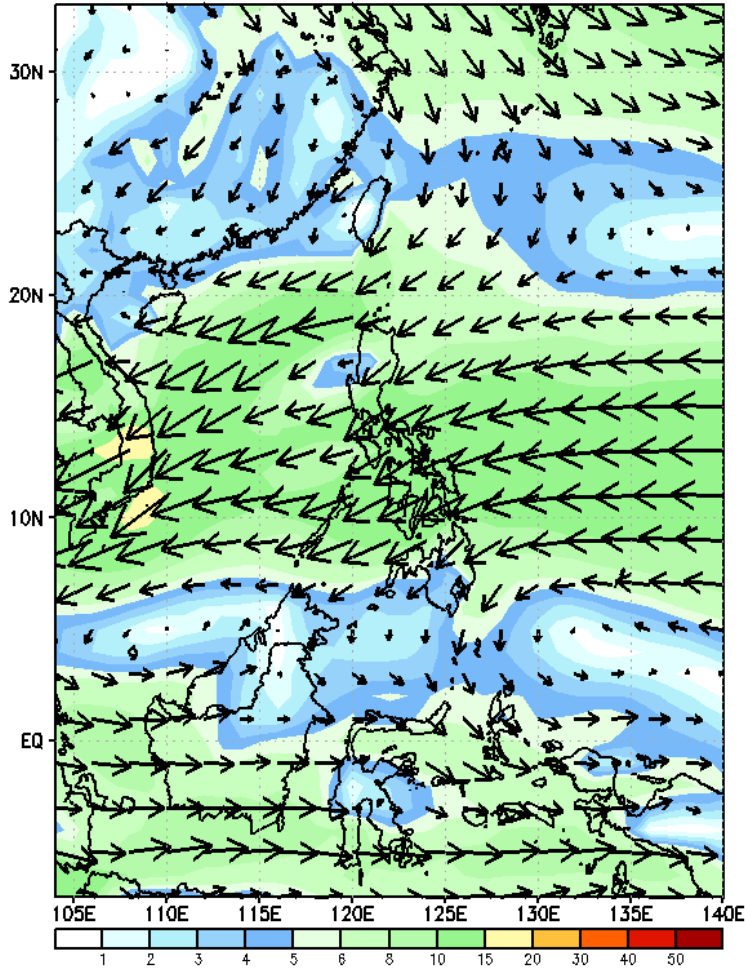
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



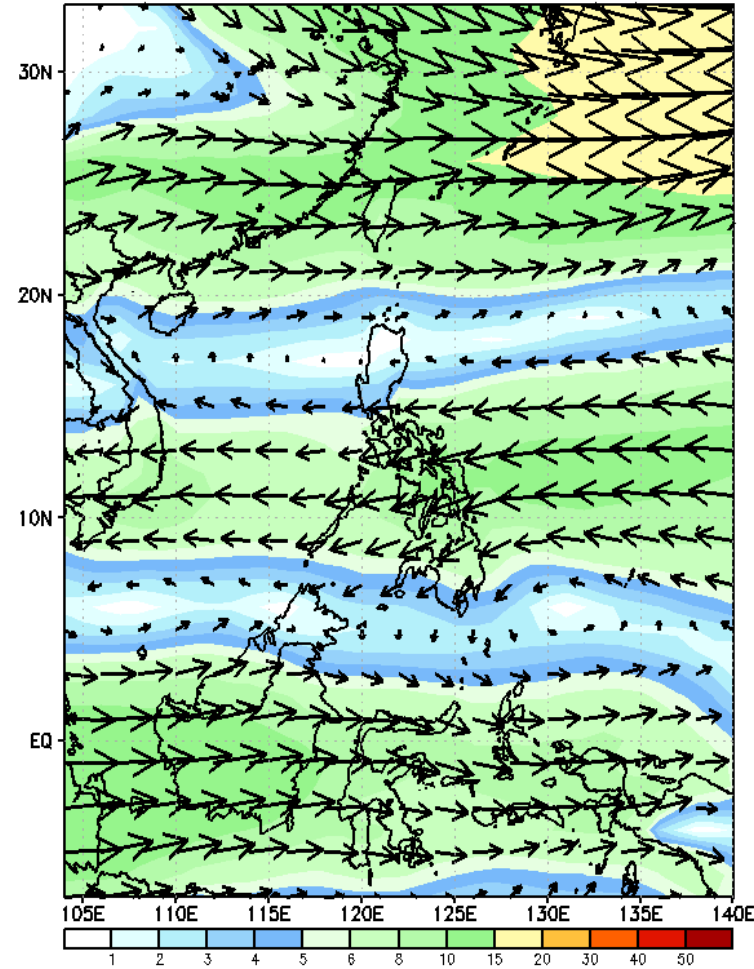
GEFS Week-1 Wind Forecasts:

Week 1: Dec 13-19, 2024

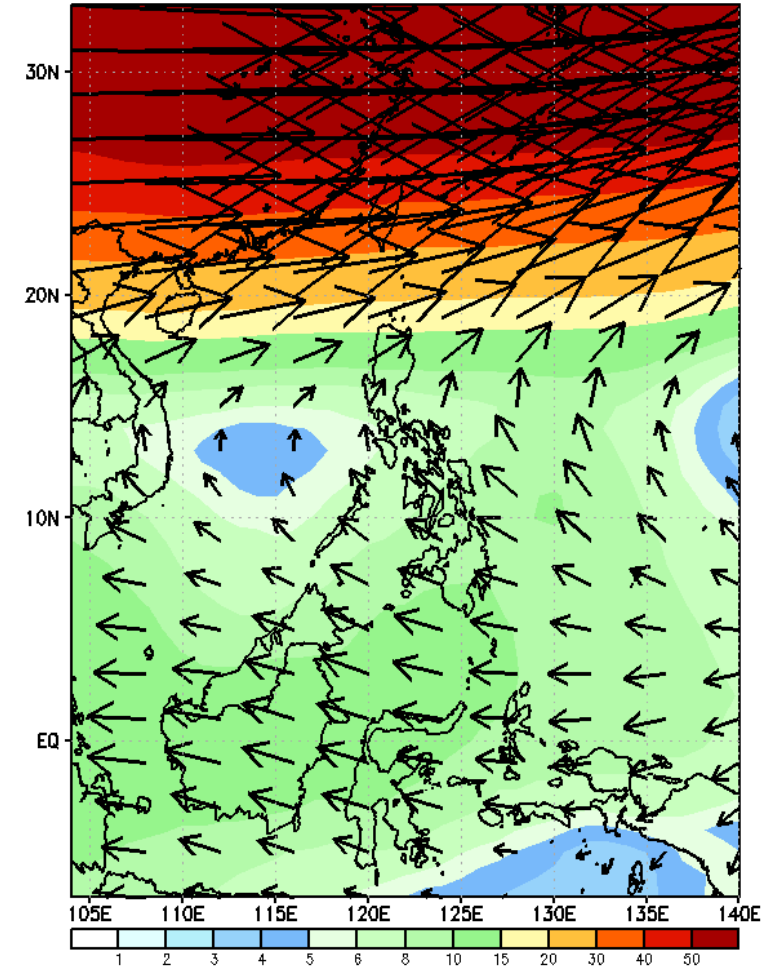
GEFS Week-1 850-hPa Wind Total
Valid: 20241213 - 20241219



GEFS Week-1 700-hPa Wind Total
Valid: 20241213 - 20241219

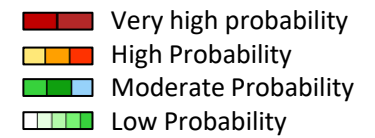


GEFS Week-1 200-hPa Wind Total
Valid: 20241213 - 20241219



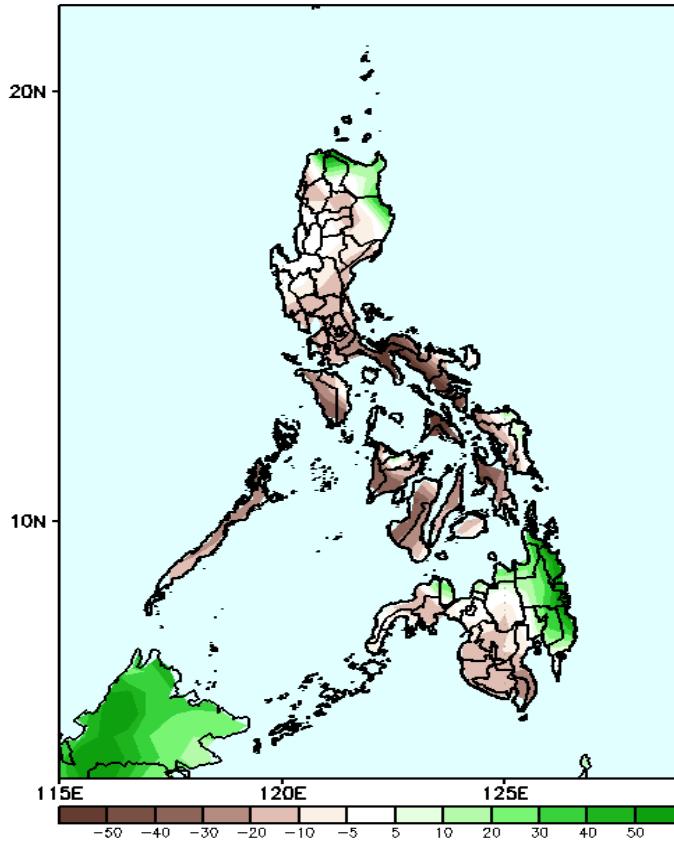
Northeast Monsoon affecting Northern and Central Luzon while Easterlies affecting the rest of the country during the forecast period

Precipitation Anomaly and Exceedance Probability > 25/50 mm



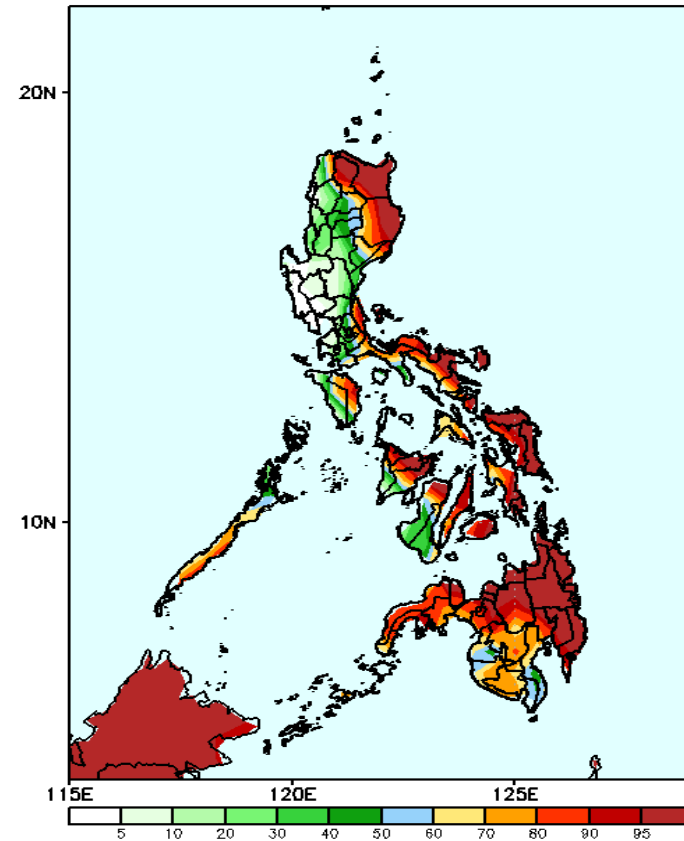
Week 1: Dec 13-19, 2024

GEFS Week-1 Precip Anomaly
Valid: 20241213 - 20241219



Rainfall deficit of 5-60mm is likely in most parts of the country except in some areas in Apayao, Cagayan, Isabela, and northern and eastern parts of Mindanao where there is 10-50mm increase of rainfall.

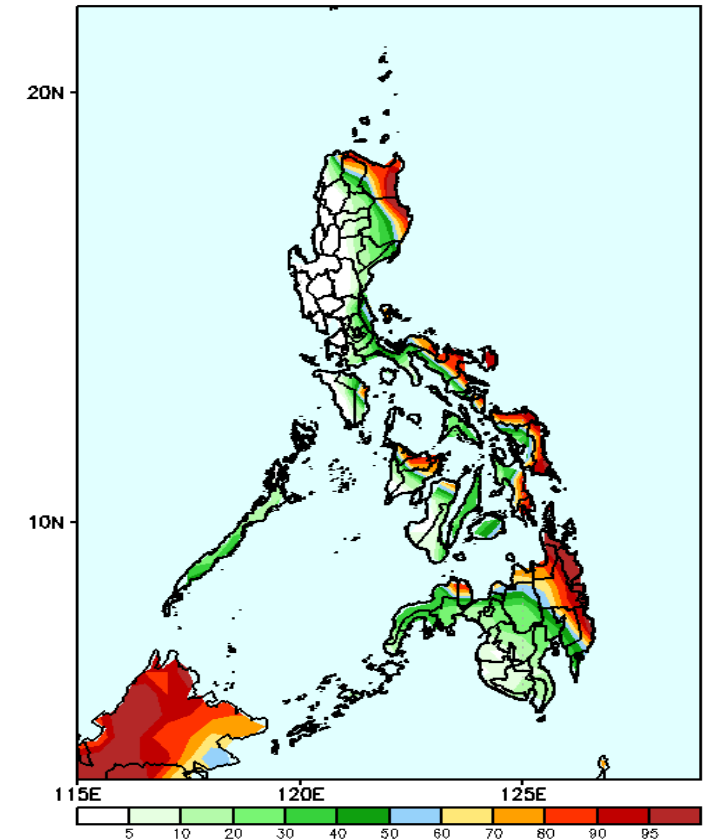
GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20241213 - 20241219



Probability to Exceed 25mm

- High to very high over Apayao and most of Eastern Luzon, Or. Mindoro, Palawan, Capiz, Aklan, eastern part of Iloilo, Central and Eastern Visayas and most of Mindanao;
- Moderate to high over the eastern part of Ilocos Norte, the rest of CAR, NCR, and the rest of Southern Luzon;
- Low to moderate over the rest of Luzon.

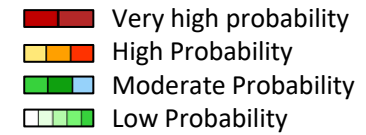
GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20241213 - 20241219



Probability to Exceed 50mm

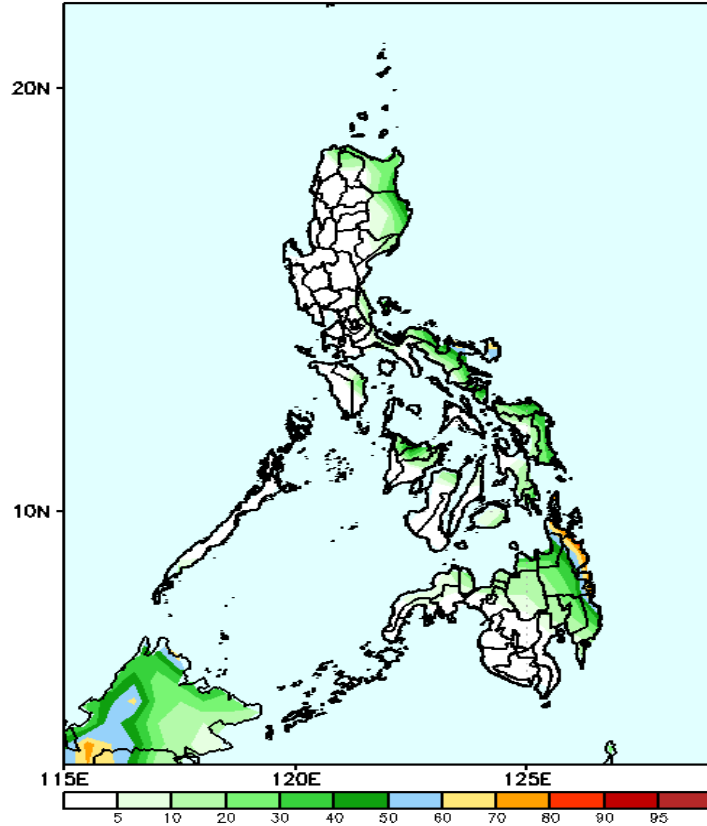
- High to very high over the easternmost portions of Cagayan Valley, Bicol Region and Eastern Visayas, and Eastern Mindanao;
- Moderate to high over the rest of Cagayan Valley and Bicol Region, Apayao, parts of Quezon, Aurora and Oriental Mindoro, Romblon, Marinduque, Aklan, Capiz, northern parts of Iloilo and Negros Occidental, the rest of Eastern Visayas, Misamis Oriental and Misamis Occidental;
- Low to moderate over the rest of the country.

Exceedance Probability > 100/150/200 mm



Week 1: Dec 13-19, 2024

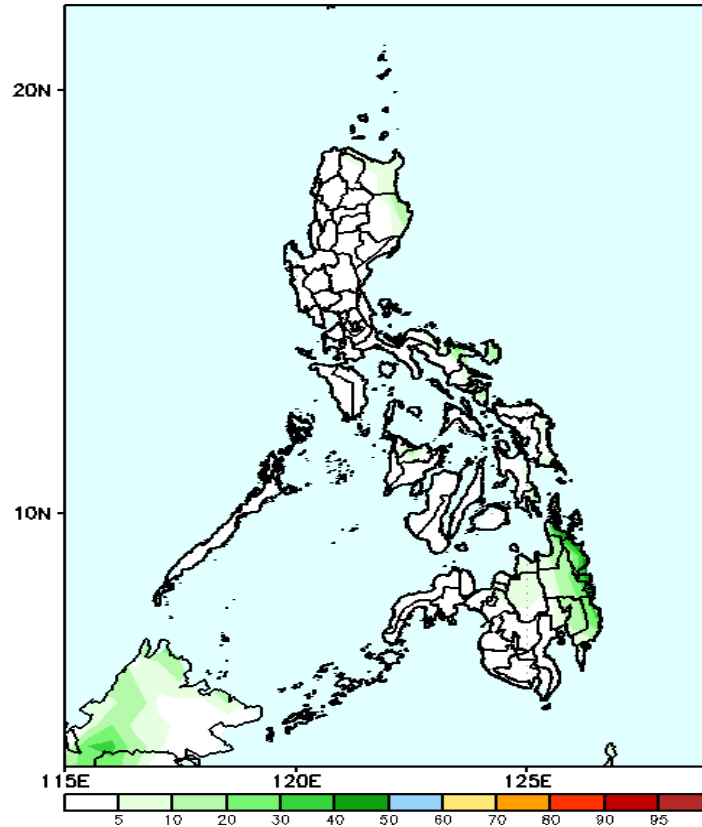
GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20241213 - 20241219



Probability to Exceed 100mm

- Moderate to high over Polillo Islands, northern part of Camarines provinces, Catanduanes, and Surigao Provinces;
- Low to moderate over the rest of Eastern Luzon, Visayas and Mindanao;
- Low over the rest of the country.

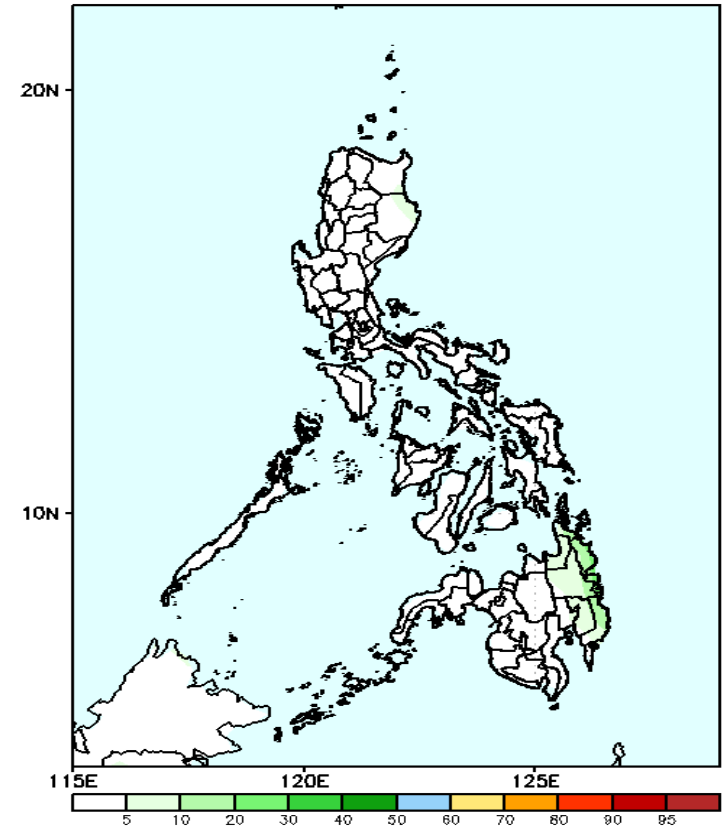
GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20241213 - 20241219



Probability to Exceed 150mm

- Low across the country.

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20241213 - 20241219



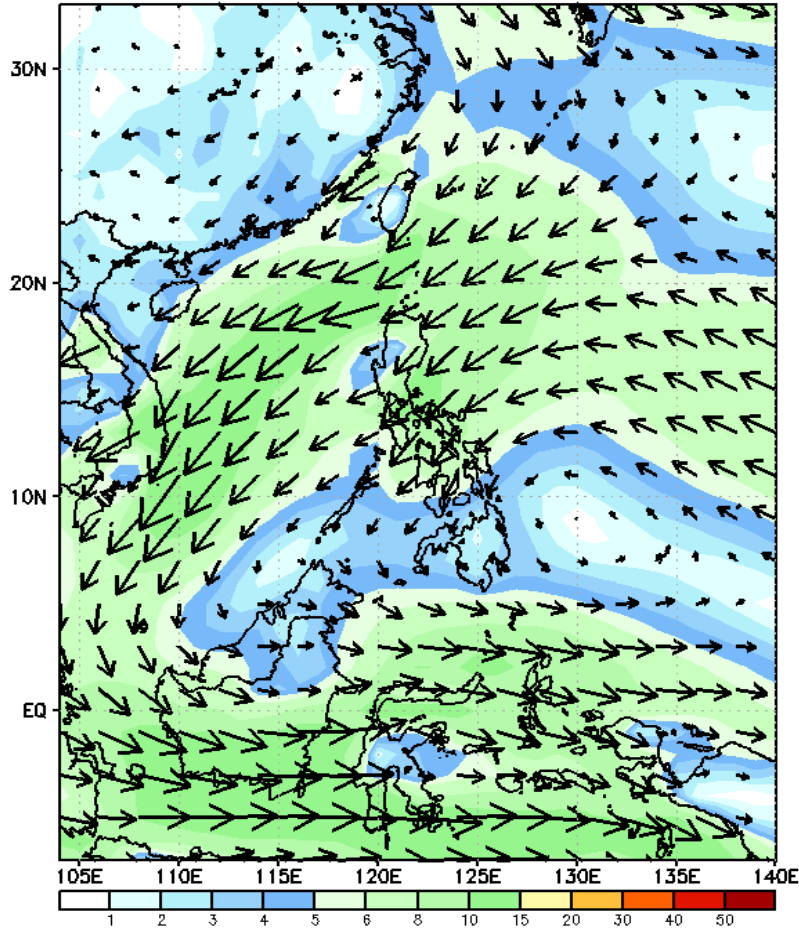
Probability to Exceed 200mm

- Low across the country.

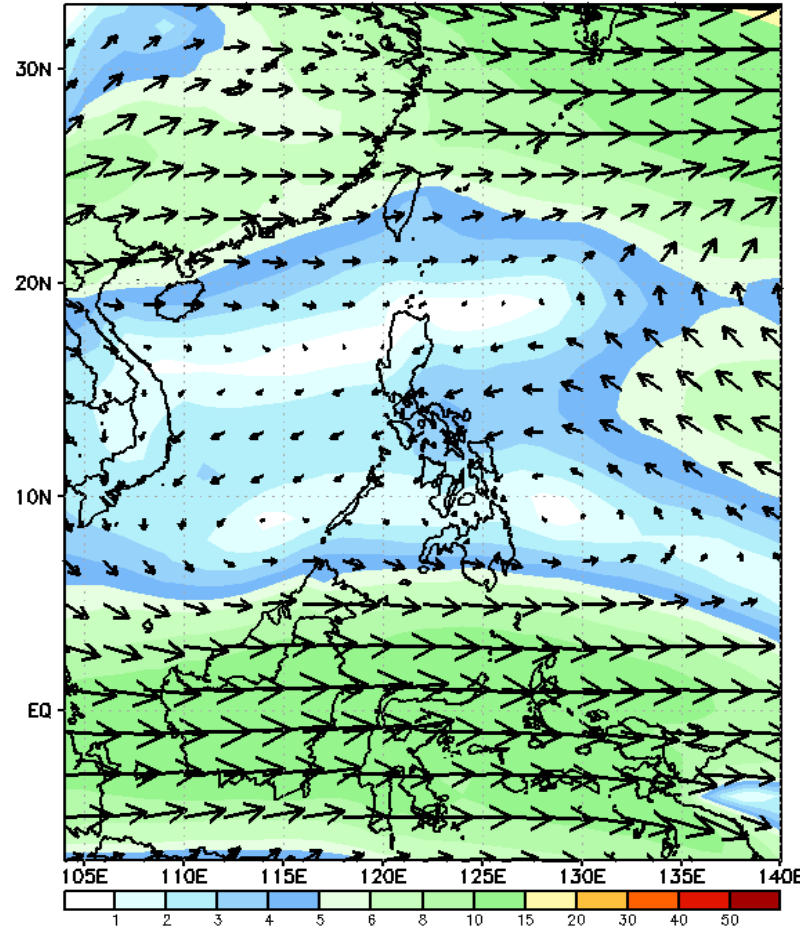
GEFS Week-2 Wind Forecasts:

Week 2: Dec 20-26, 2024

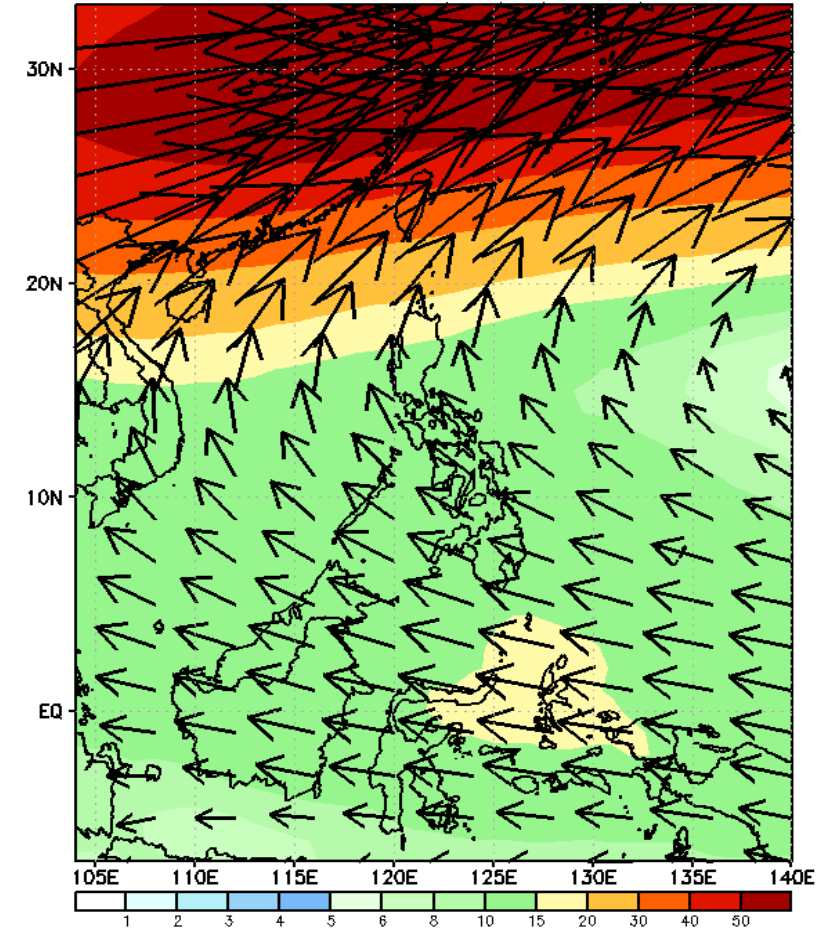
GEFS Week-2 850-hPa Wind Total
Valid: 20241220 - 20241226



GEFS Week-2 700-hPa Wind Total
Valid: 20241220 - 20241226

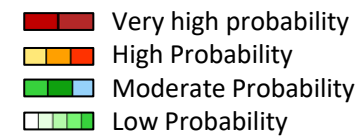


GEFS Week-2 200-hPa Wind Total
Valid: 20241220 - 20241226



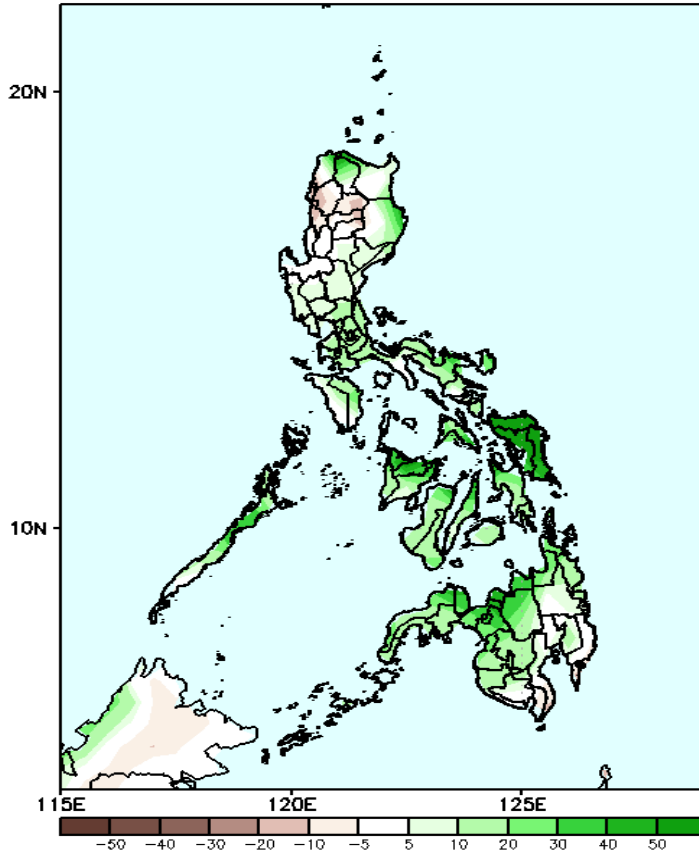
Northeast Monsoon will likely affect Eastern Luzon while Easterlies will likely affect the rest of the country during the forecast period

Precipitation Anomaly and Exceedance Probability > 25/50 mm



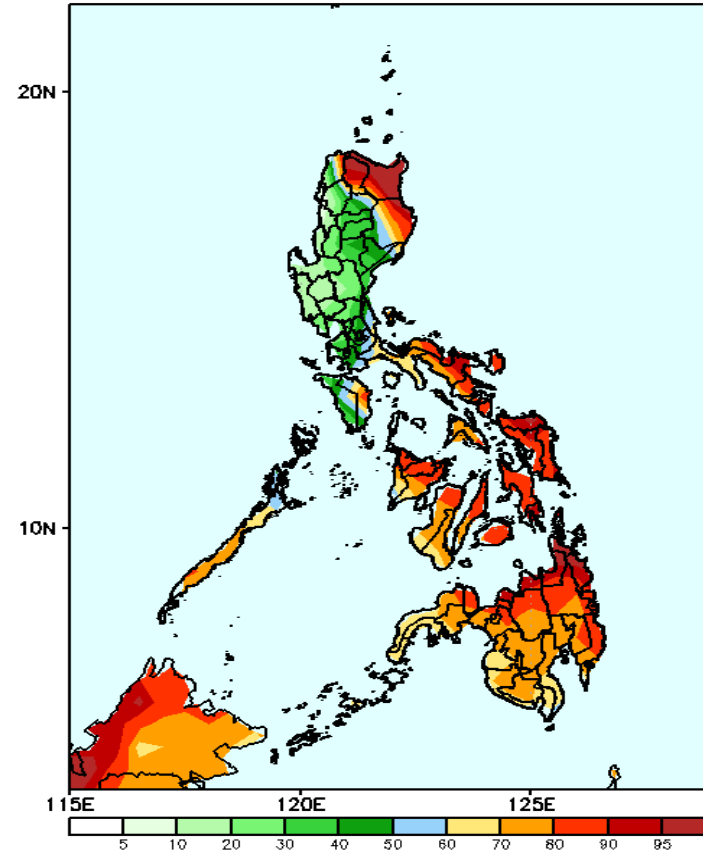
Week 2: Dec 20-26, 2024

GEFS Week-2 Precip Anomaly
Valid: 20241220 - 20241226



Increase of Rainfall of 20-80mm is most likely in most parts of the country.

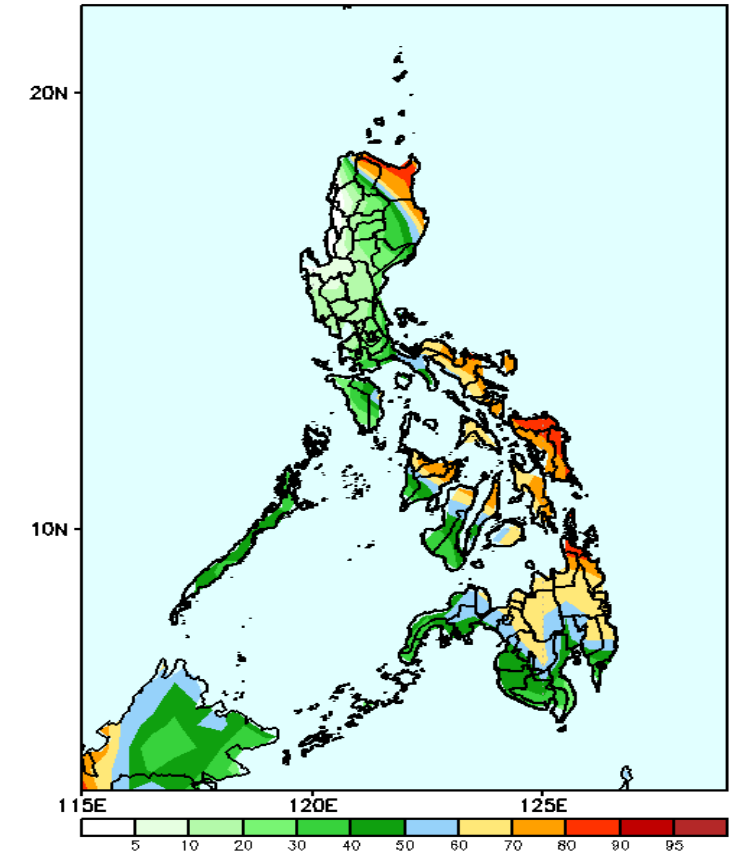
GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20241220 - 20241226



Probability to Exceed 25mm

- High to very high over Apayao, Cagayan, Isabela, Bicol Region, Visayas and Mindanao;
- Moderate to high over the eastern part of Ilocos Norte and CAR, NCR, and the rest of Southern Luzon;
- Low to Moderate over the rest of Luzon.

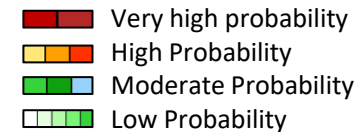
GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20241220 - 20241226



Probability to Exceed 50mm

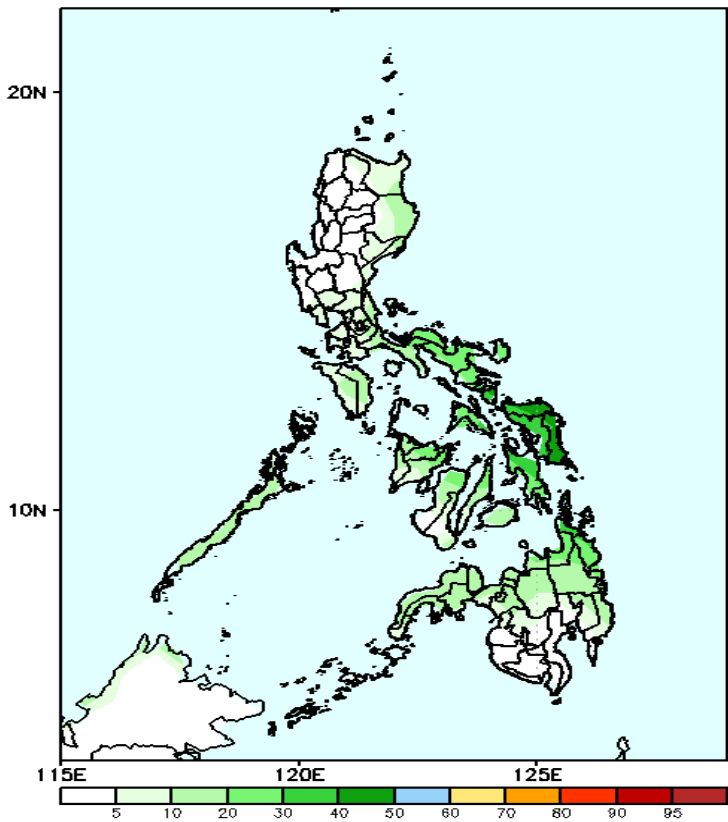
- High to a very high over most of Cagayan, Polillo Island, Bicol Region, Eastern Visayas, and Caraga;
- Moderate to high over Apayao, Isabela, Quezon, MIMAROPA, and the rest of Visayas and Mindanao;
- Low over the rest of Luzon.

Exceedance Probability > 100/150/200 mm



Week 2: Dec 20-26, 2024

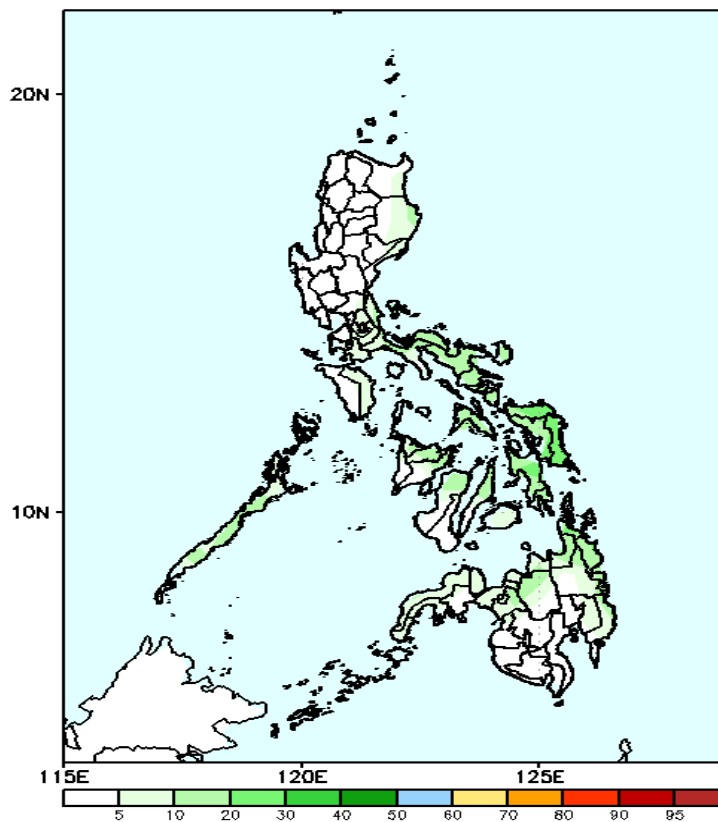
GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20241220 - 20241226



Probability to Exceed 100mm

- Moderate to high over Western and Eastern Visayas and Caraga;
- Low to moderate of the rest of Eastern and Southern Luzon, Visayas, and Mindanao;
- Low over the rest of Luzon.

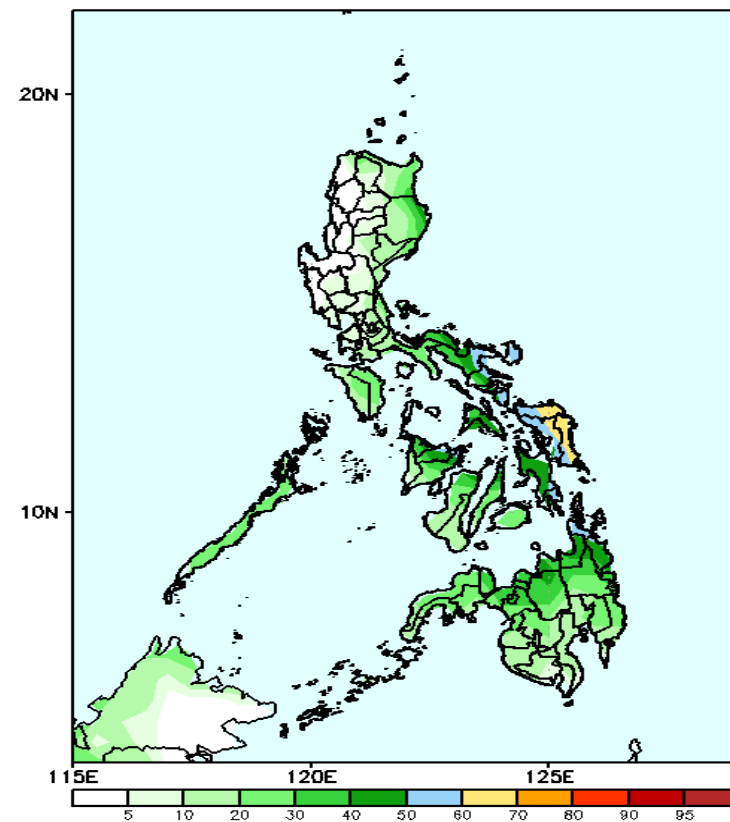
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20241220 - 20241226



Probability to Exceed 150mm

- Moderate over the eastern sections of Southern Luzon, Visayas, and Caraga.
- Low over the rest of the country.

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20241220 - 20241226

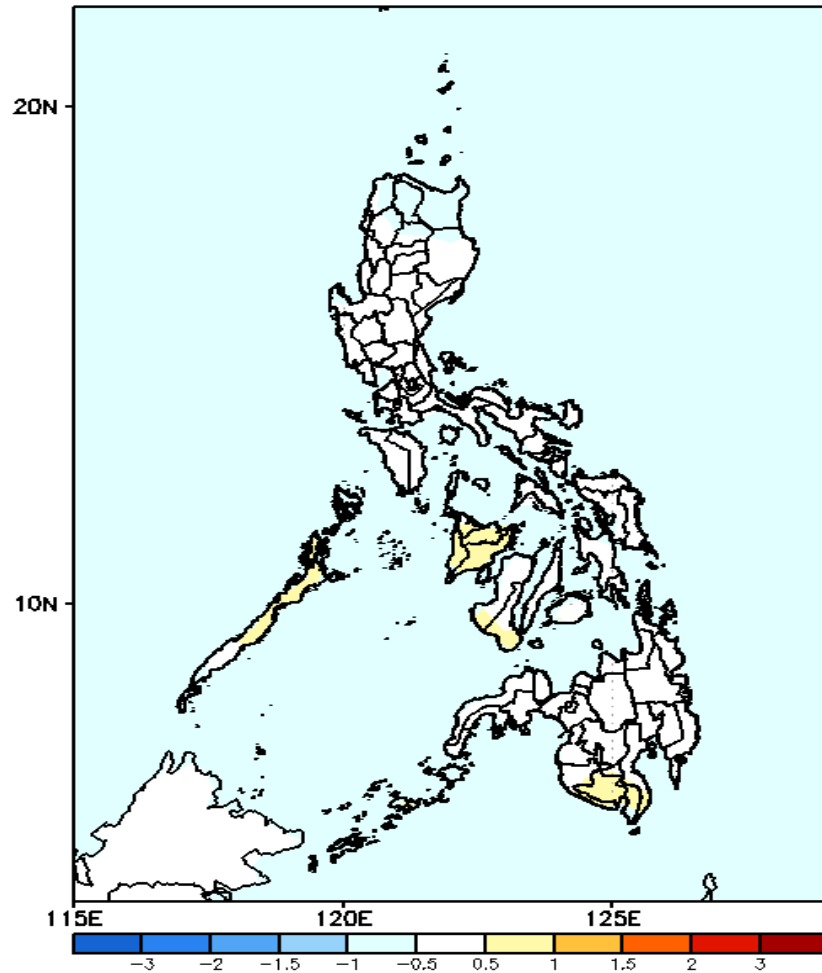


Probability to Exceed 200mm

- Low across the country.

GEFS Week-1 & 2 Forecasts: T2m Anomaly

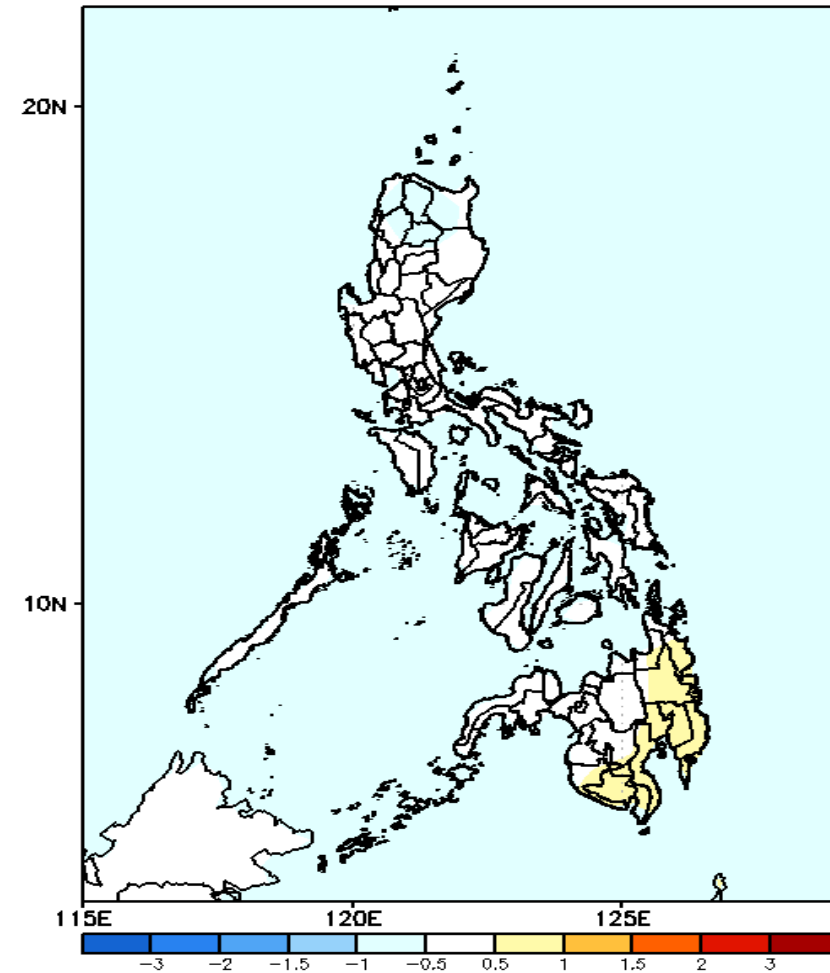
GEFS Week-1 T2m Anomaly
Valid: 20241213 - 20241219



2m Temperature Week 1: Dec 13-19, 2024

Near to slightly warmer than average surface air temperature will likely be experienced in most parts of the country except in some areas in northern Luzon where slightly cooler temperature than average surface air temperature is expected.

GEFS Week-2 T2m Anomaly
Valid: 20241220 - 20241226



2m Temperature Week 2: Dec 20-26, 2024

Near to slightly warmer than average surface air temperature will likely be experienced in most parts of the country except in some areas in northern Luzon where slightly cooler temperature than average surface air temperature is expected.