

RDRRMC MIMAROPA
Pre-Disaster Risk Assessment
Re: TD “MAYMAY” & POTENTIAL “NENENG”

2:00 PM, 11 October 2022

Presented by:
SONNY N. PAJARILLA, M.Sc.
SRWS, PAGASA - DOST
Puerto Princessa City

TD MAYMAY

TC DATA AS OF (10:00 AM)

16.1°N, 124.8°E

at 285 km East of Casiguran, Aurora

Sustained/Gusty Winds: 45/55 km/hr

Movement: West southwestward slowly

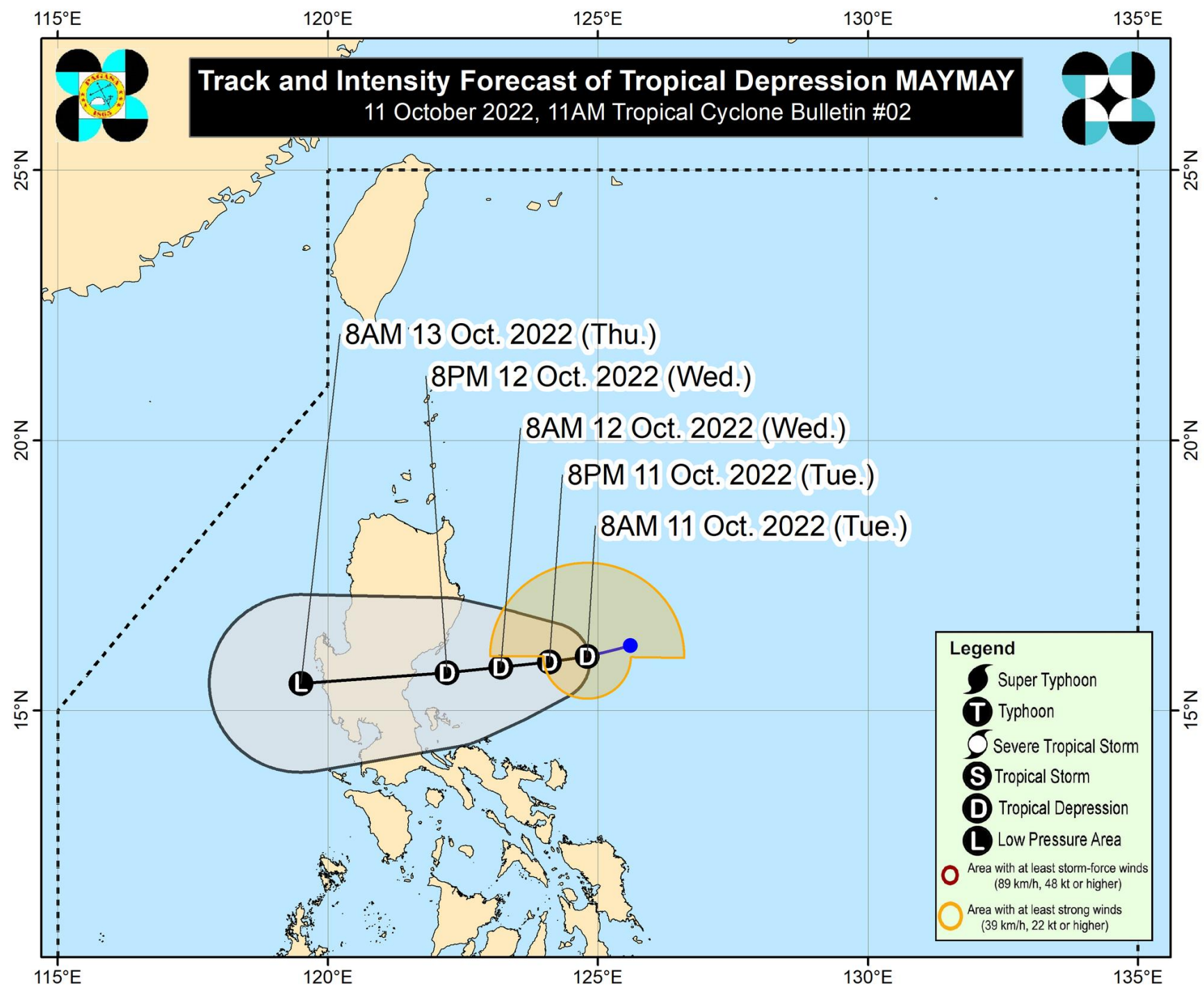
TD

TD

(14.3°N, 141.7°E)

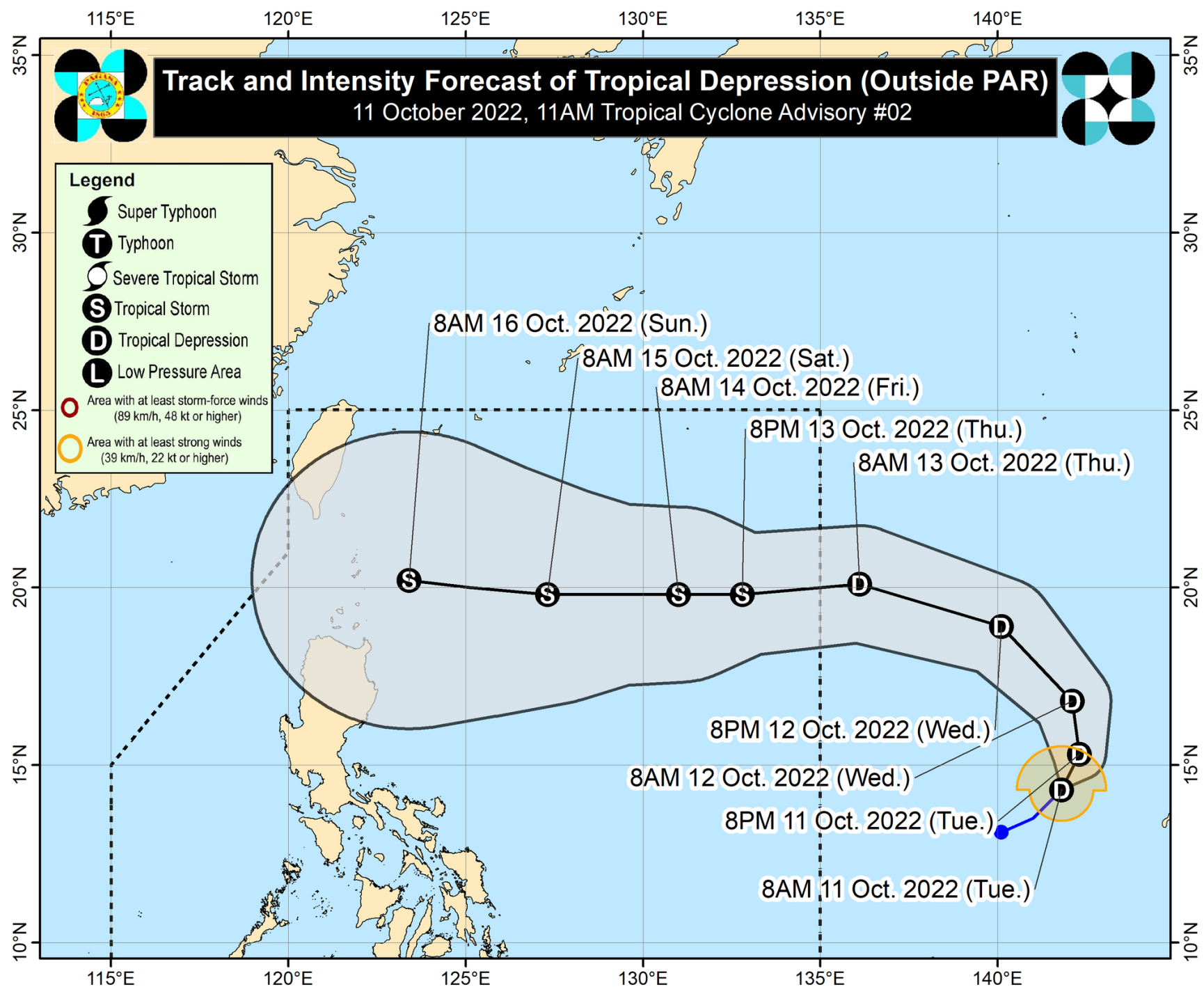
2,020 km East of Southern Luzon

Intensity: 45/55 km/hr



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	Dir. & Speed (km/h)
12-Hour Forecast 8:00 PM 11-Oct-22	15.9	124.1	215 km East of Casiguran, Aurora	45	TD	W Slowly
24-Hour Forecast 8:00 AM 12-Oct-22	15.8	123.2	125 km East Southeast of Casiguran, Aurora	45	TD	W 10
36-Hour Forecast 8:00 PM 12-Oct-22	15.7	122.2	Over the coastal waters of Baler, Aurora	45	TD	W 10
48-Hour Forecast 8:00 AM 13-Oct-22	15.5	119.5	Over the coastal waters of Masinloc, Zambales	-	LOW	W 25

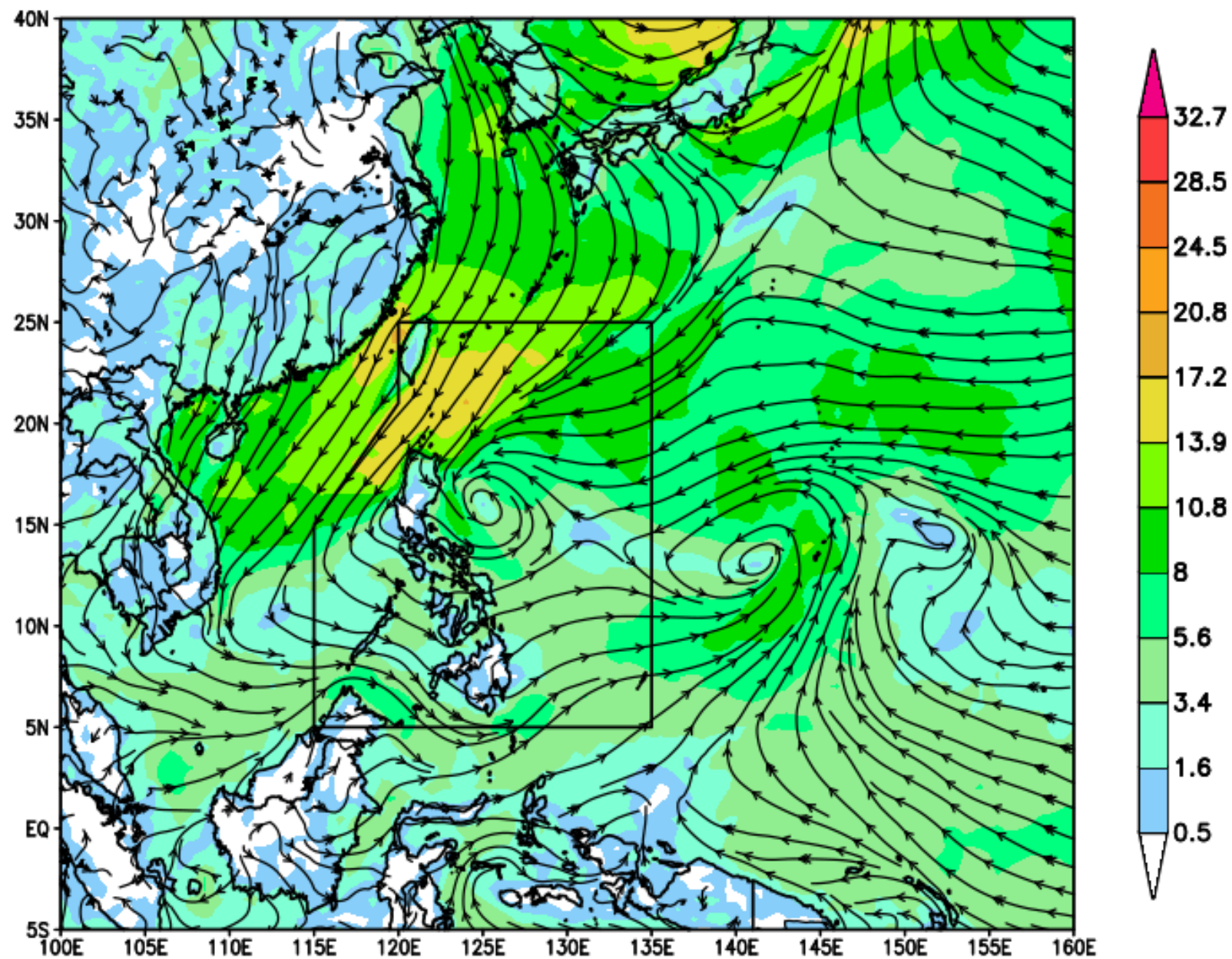


72-HR WIND FORECAST

Surface Wind Speed and Direction (m/s) for OCT 11, 2022 00UTC Tue

Initial time: 00 UTC 11 OCT 2022

Analysis



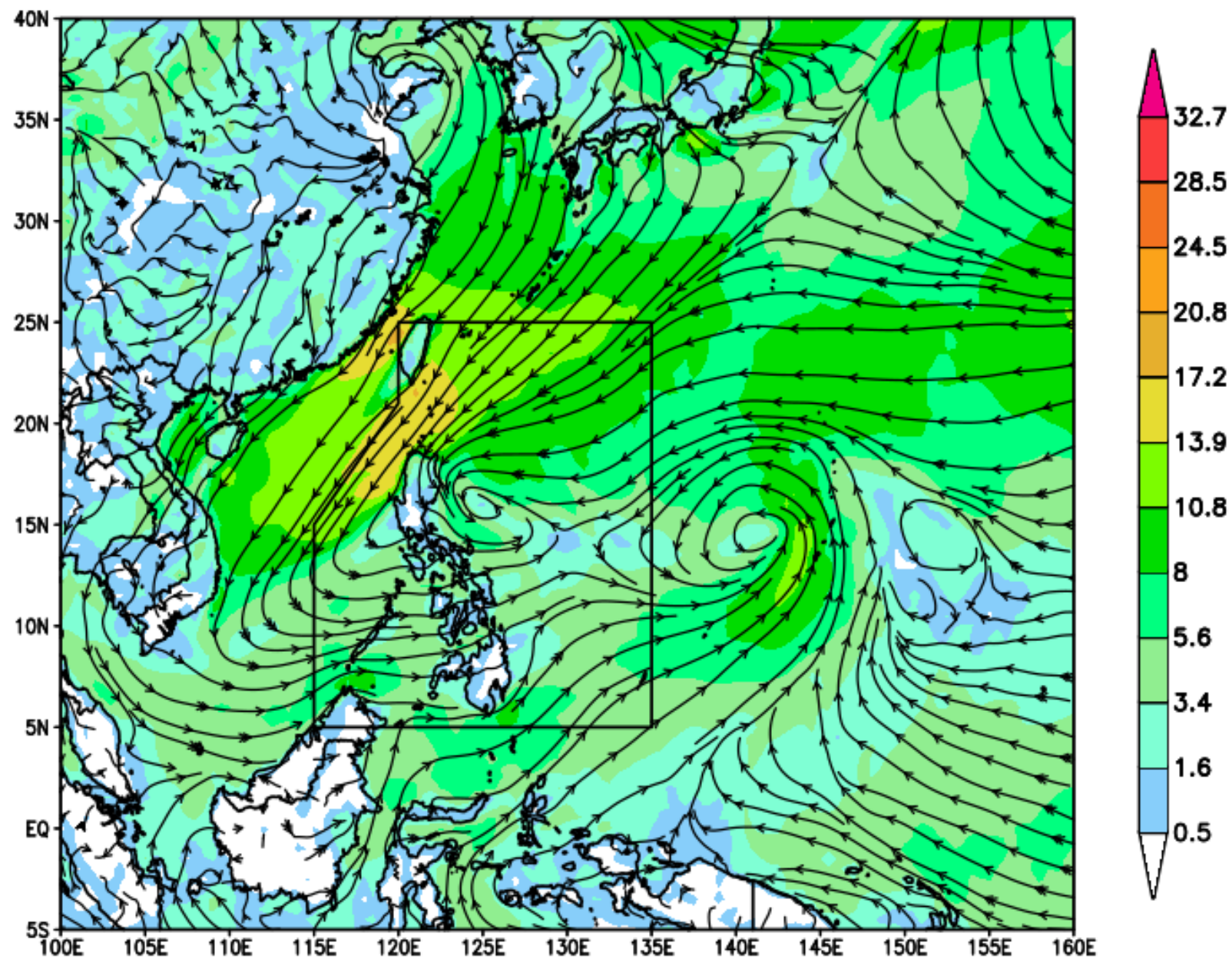
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Surface Wind Speed and Direction (m/s) for OCT 11, 2022 12UTC Tue

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 12 hour



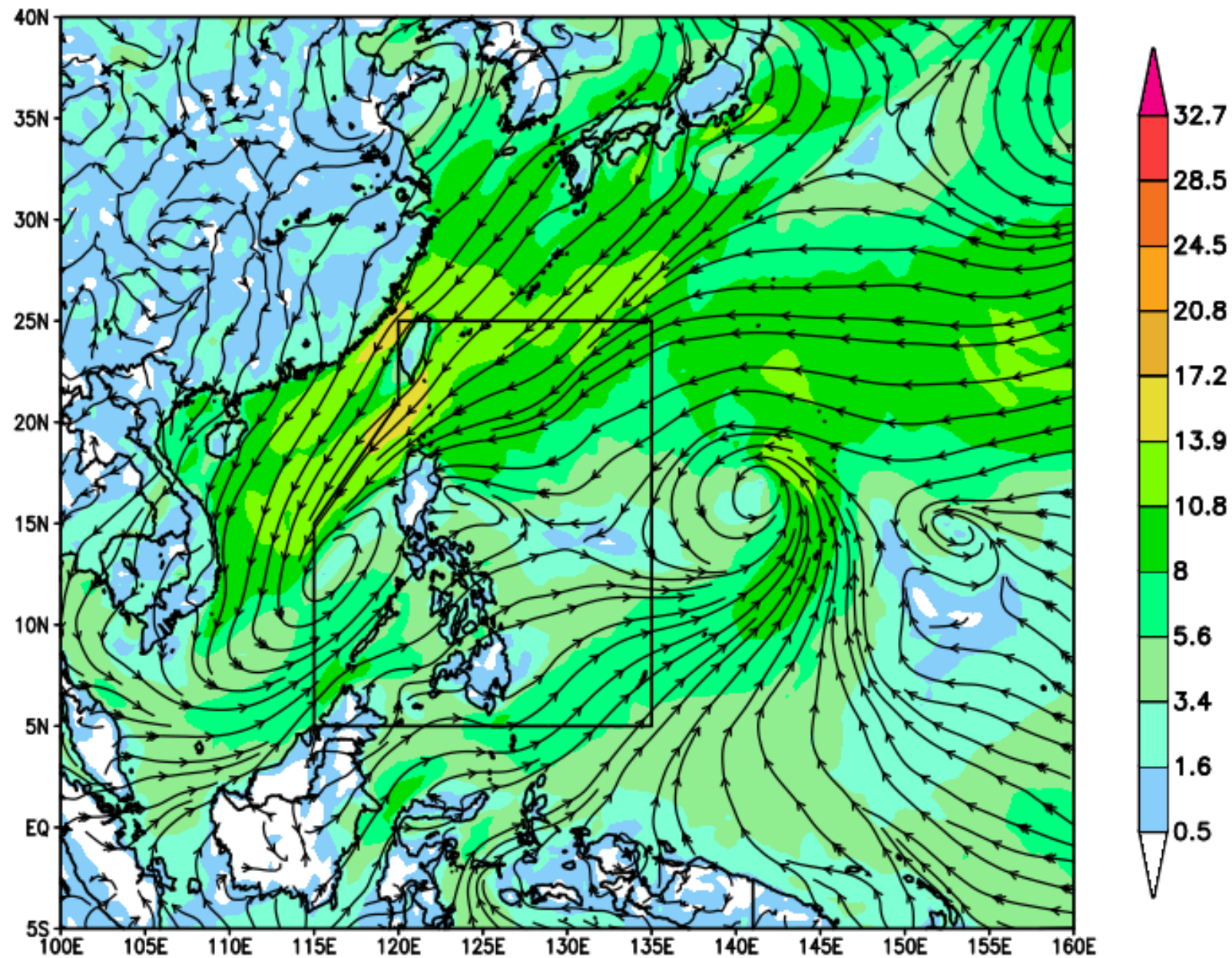
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Surface Wind Speed and Direction (m/s) for OCT 12, 2022 00UTC Wed

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 24 hour



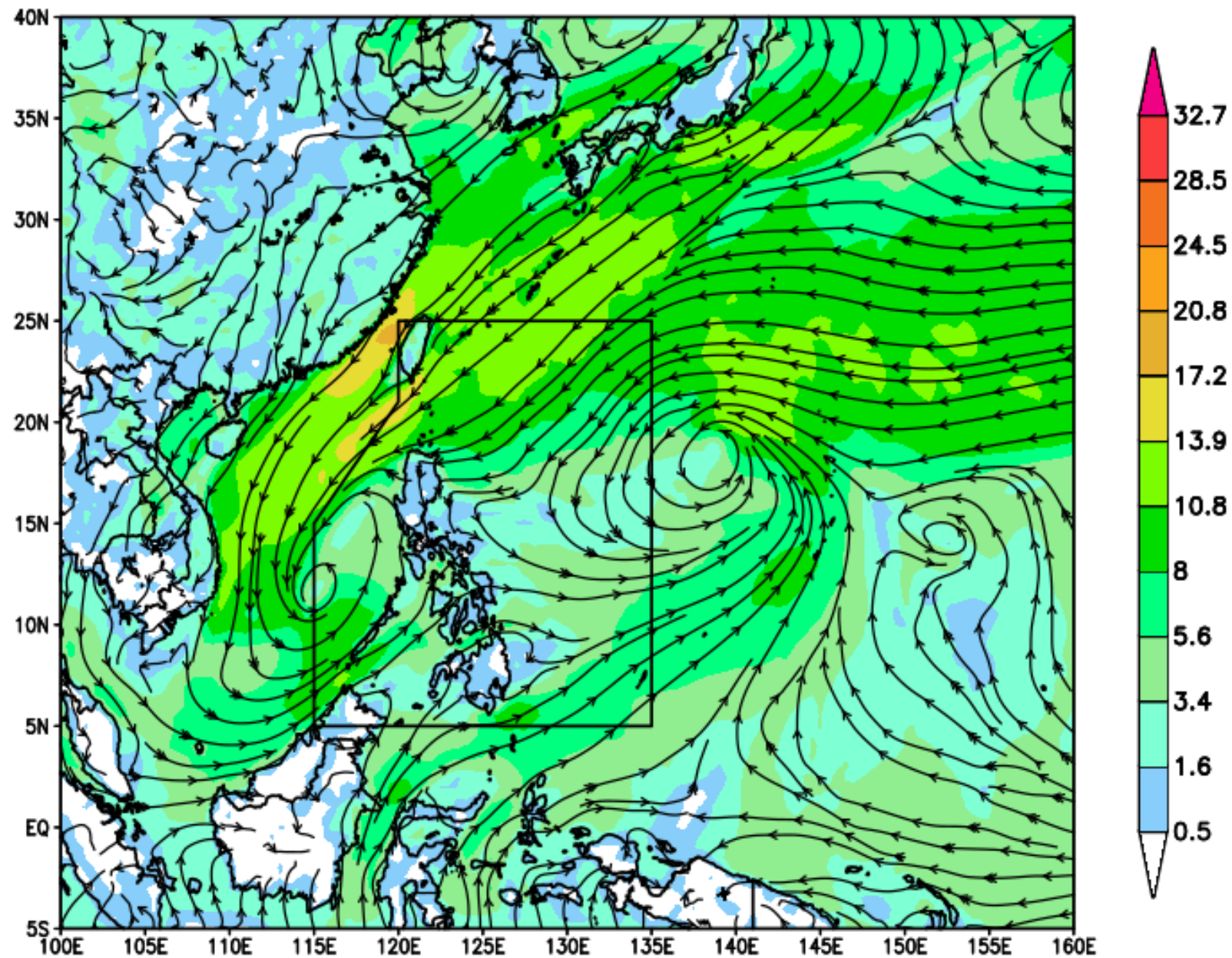
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Surface Wind Speed and Direction (m/s) for OCT 12, 2022 12UTC Wed

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 36 hour



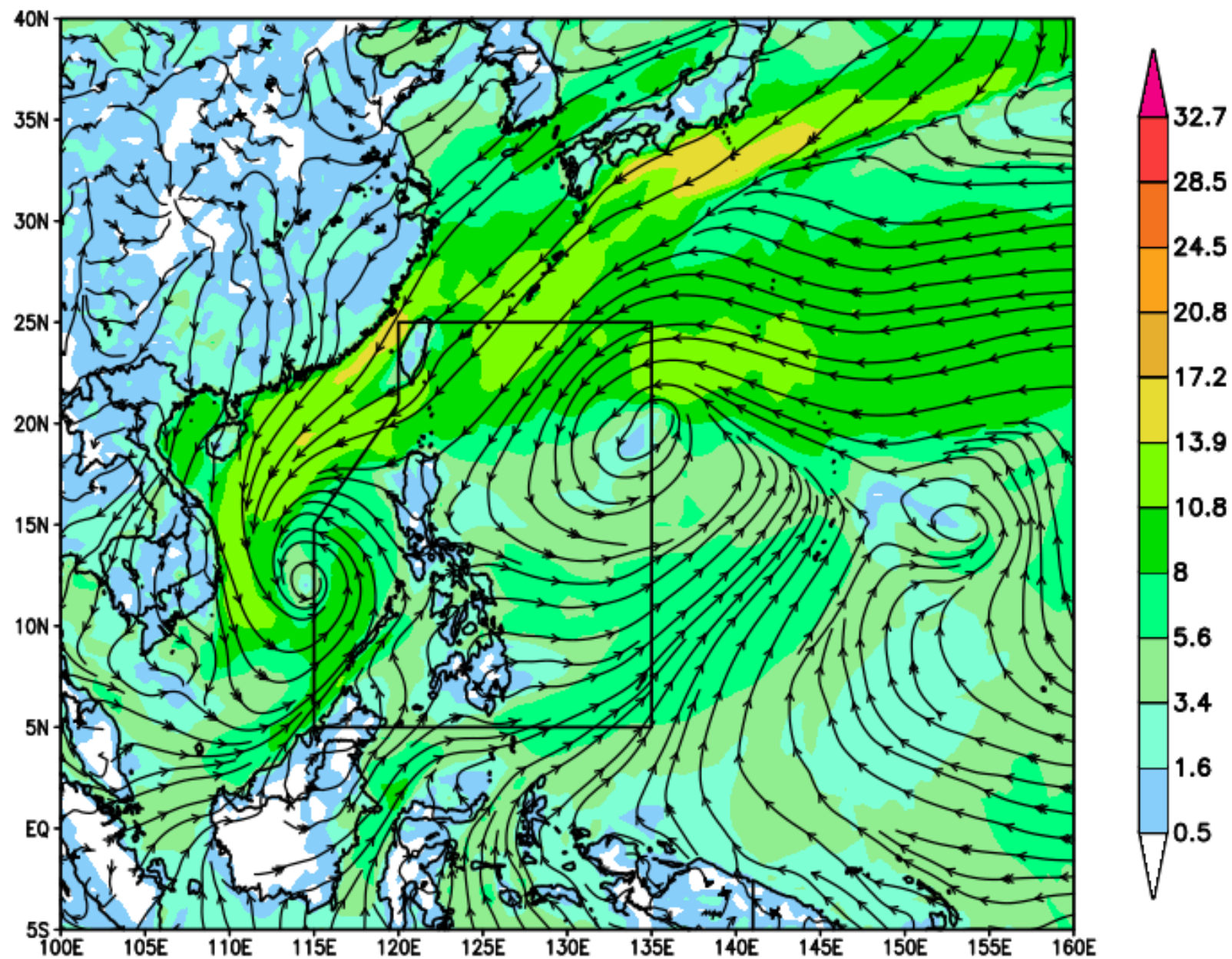
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Surface Wind Speed and Direction (m/s) for OCT 13, 2022 00UTC Thu

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 48 hour



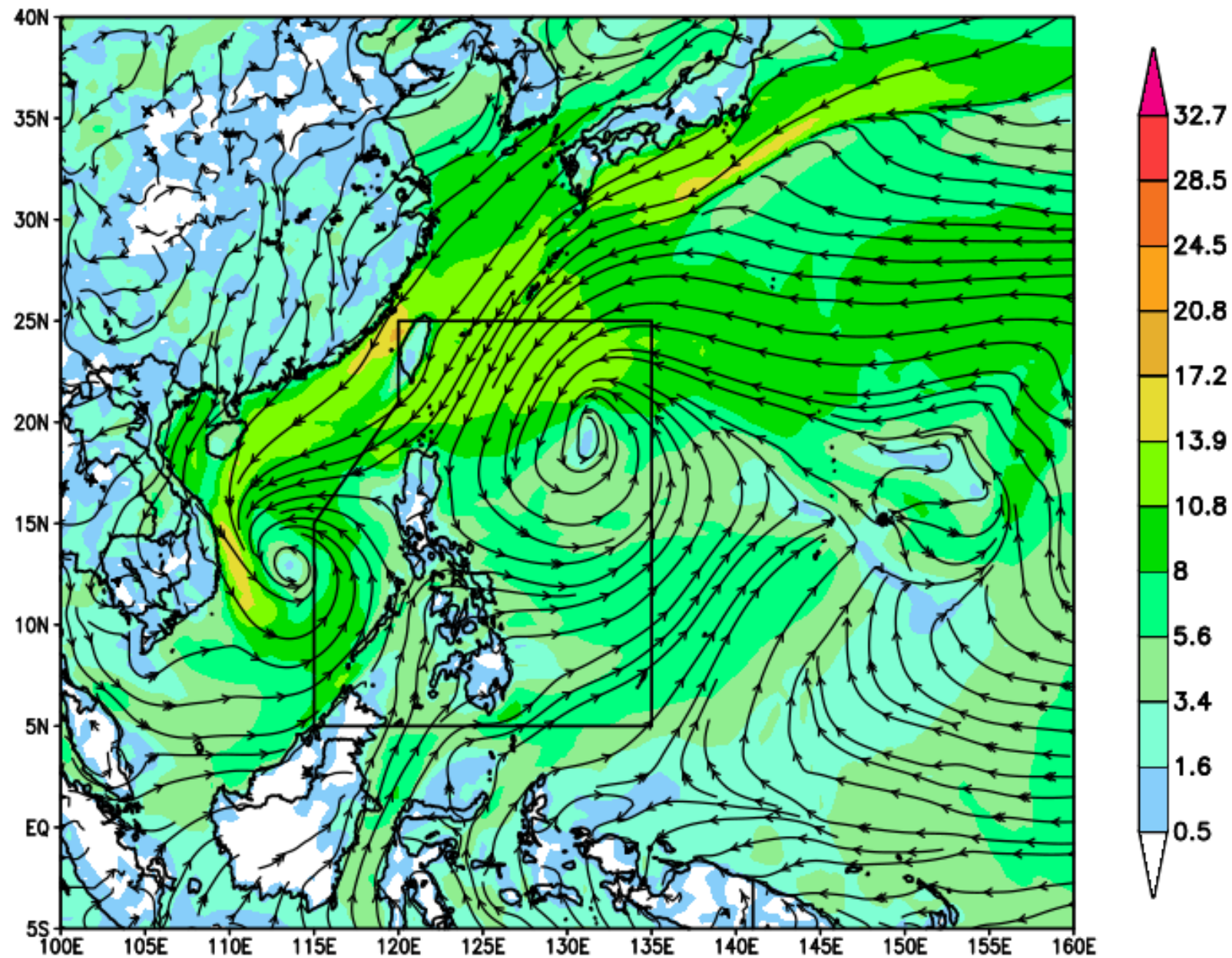
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Surface Wind Speed and Direction (m/s) for OCT 13, 2022 12UTC Thu

Initial time: 00 UTC 11 OCT 2022

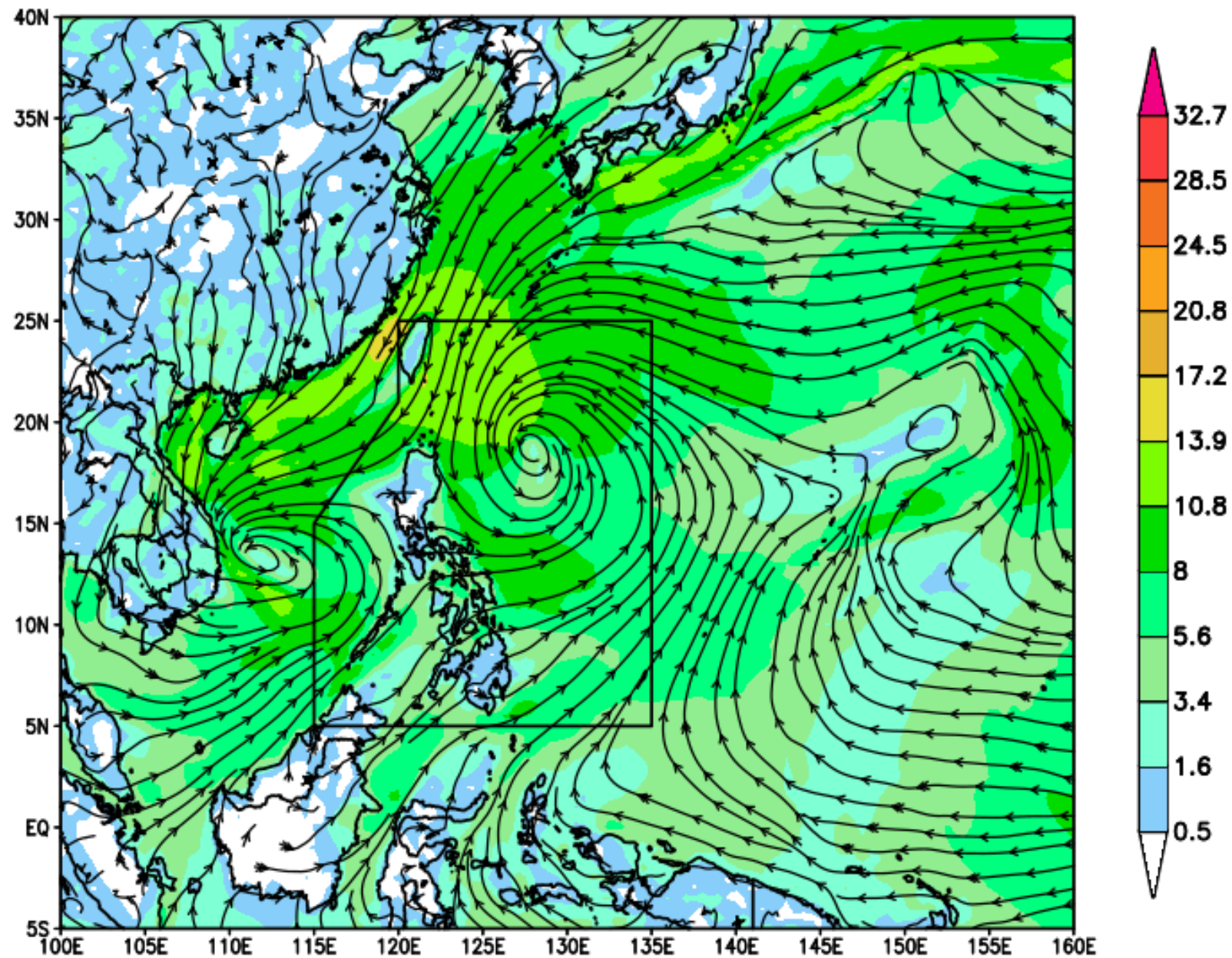
Forecast: t + 60 hour



Surface Wind Speed and Direction (m/s) for OCT 14, 2022 00UTC Fri

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 72 hour

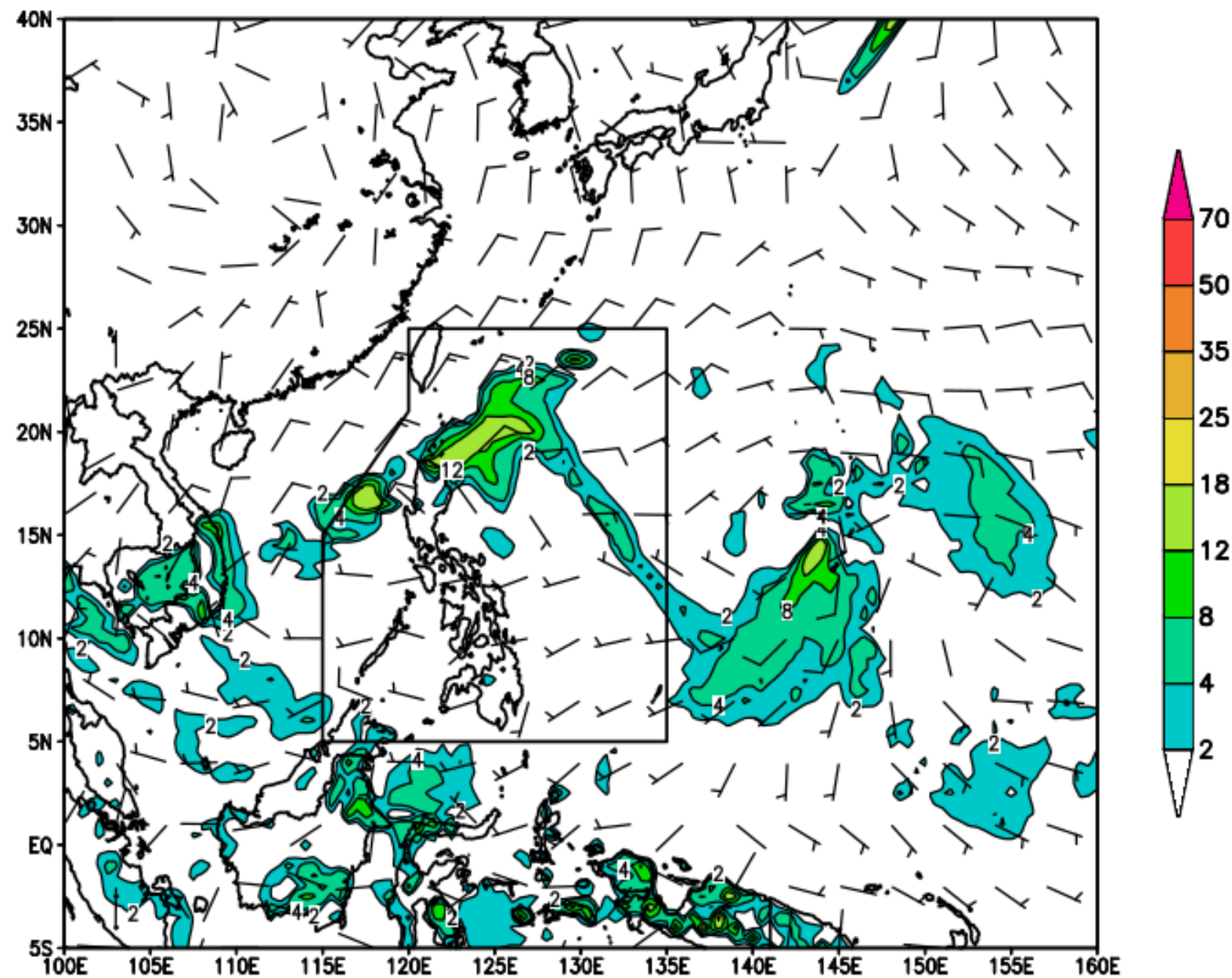


72-HR RAINFALL FORECAST

Three Hourly Rainfall (mm) and Surface Wind for OCT 11, 2022 06UTC Tue

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 6 hour



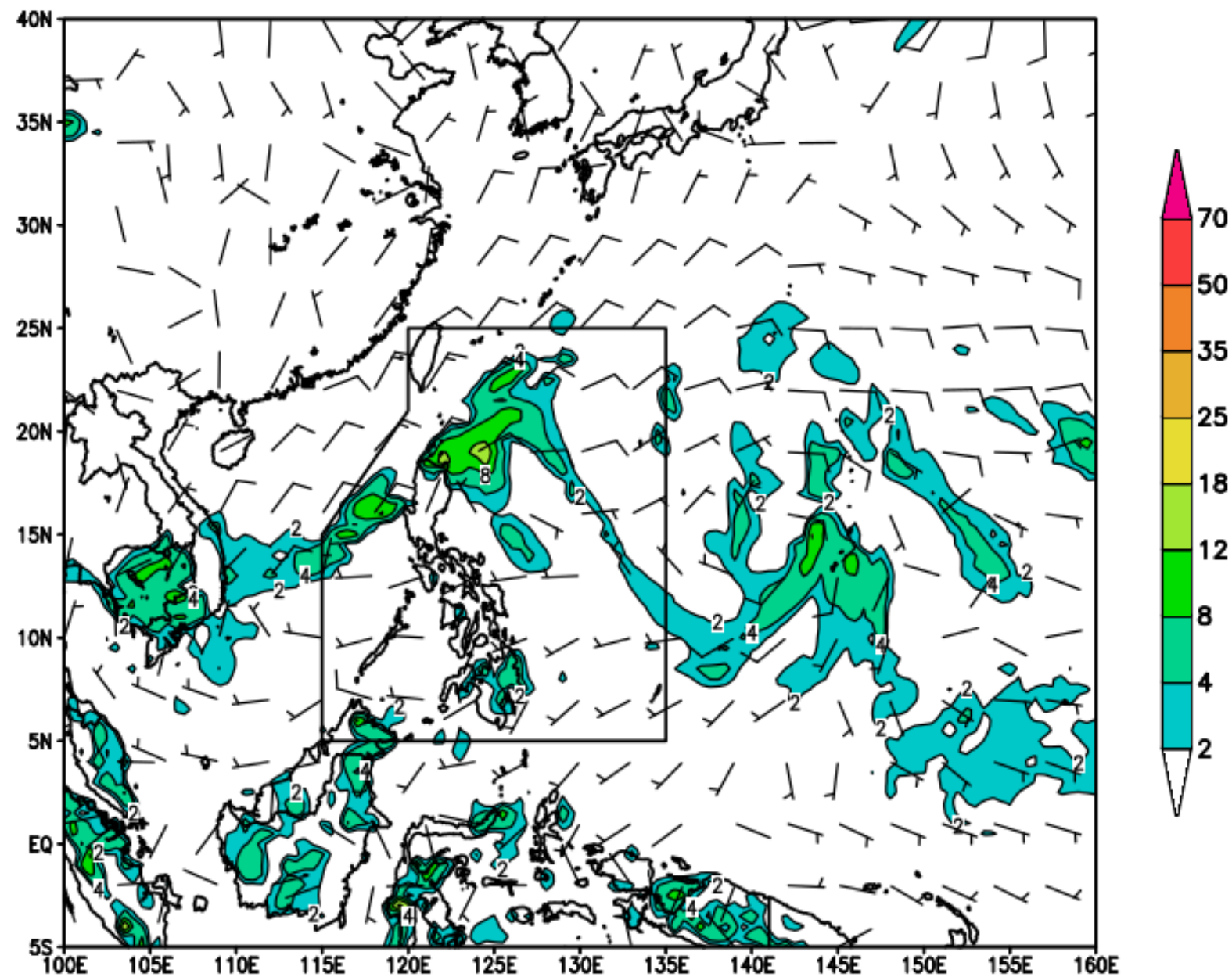
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Three Hourly Rainfall (mm) and Surface Wind for OCT 11, 2022 12UTC Tue

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 12 hour



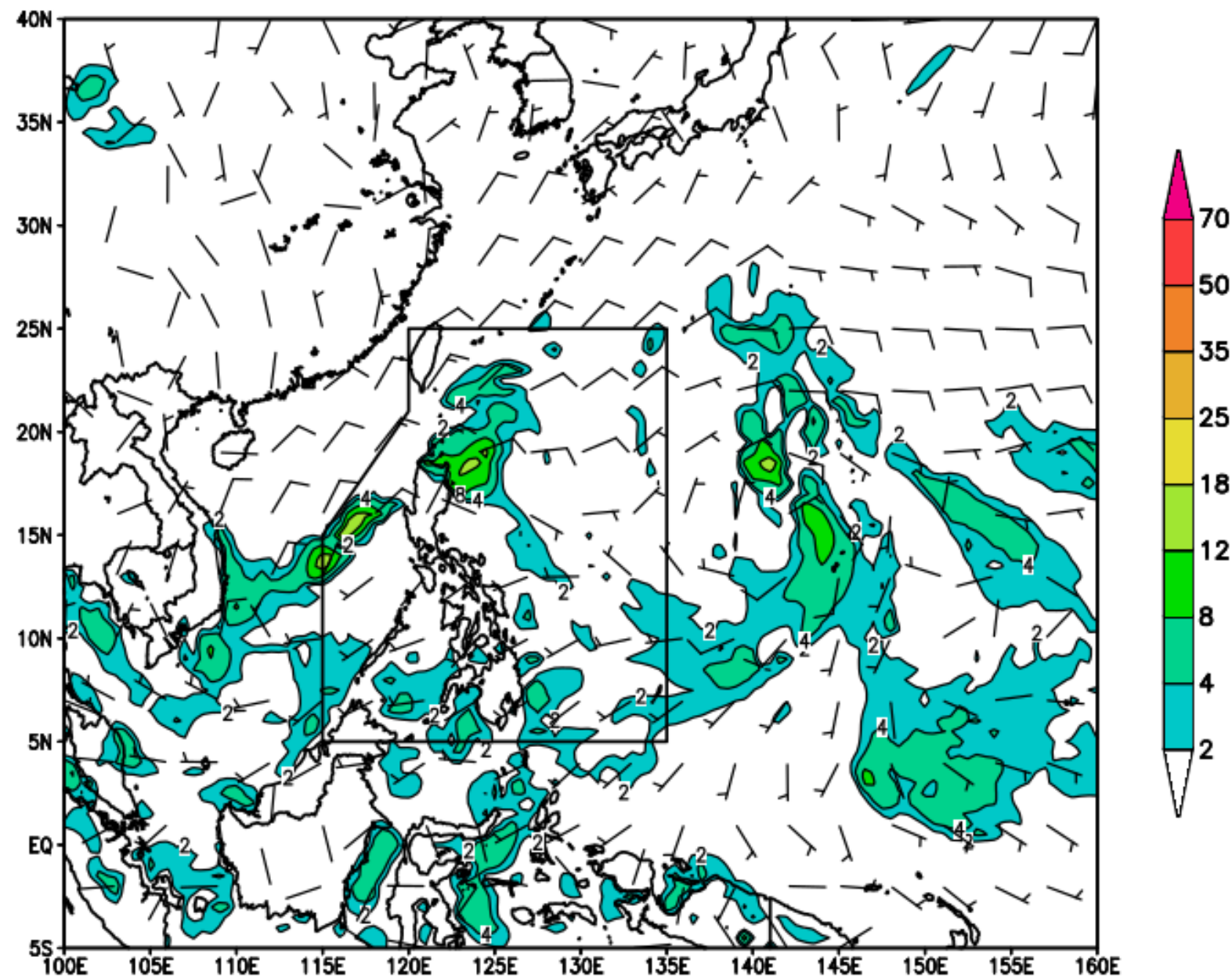
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Three Hourly Rainfall (mm) and Surface Wind for OCT 11, 2022 18UTC Tue

Initial time: 00 UTC 11 OCT 2022

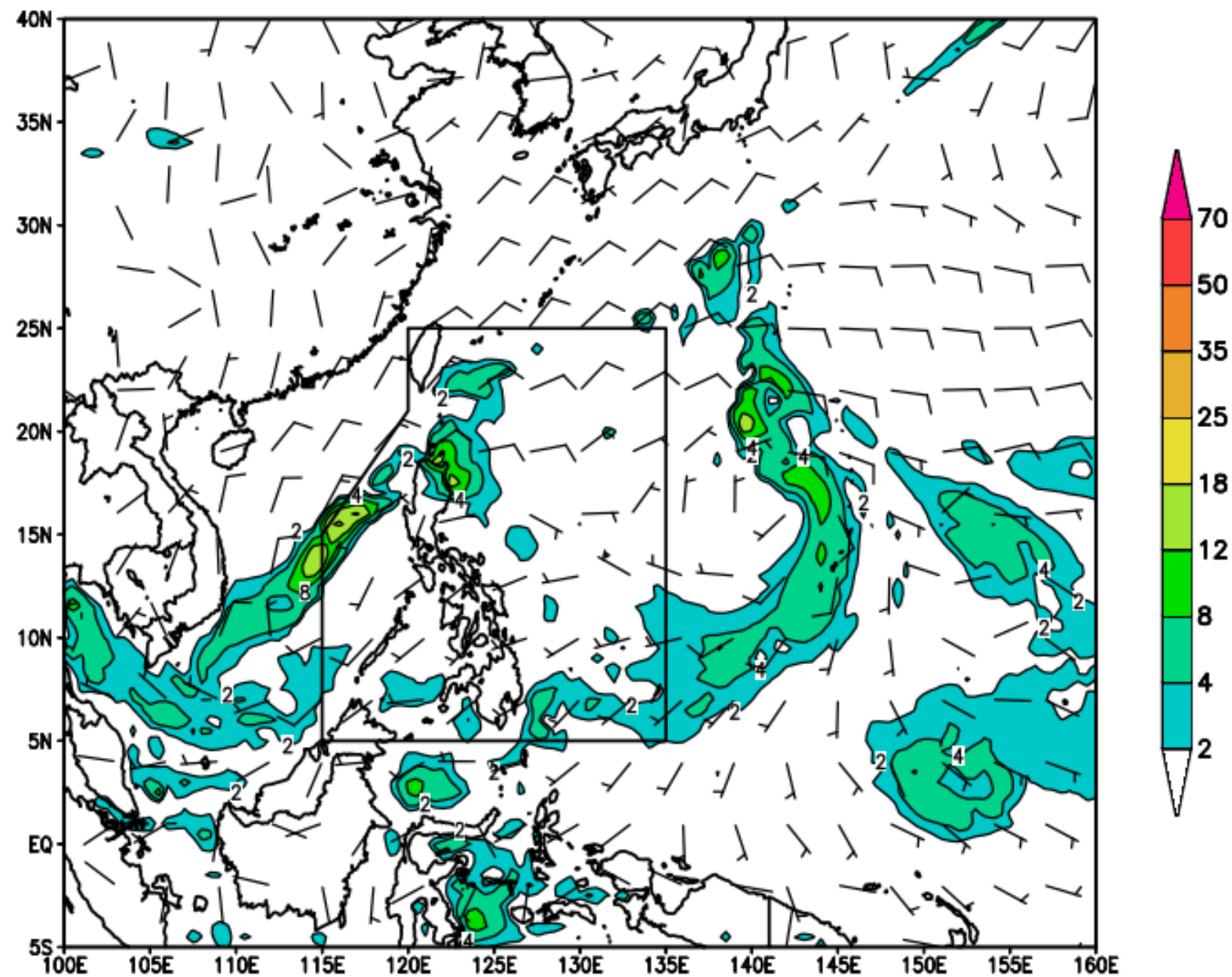
Forecast: t + 18 hour



Three Hourly Rainfall (mm) and Surface Wind for OCT 12, 2022 00UTC Wed

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 24 hour



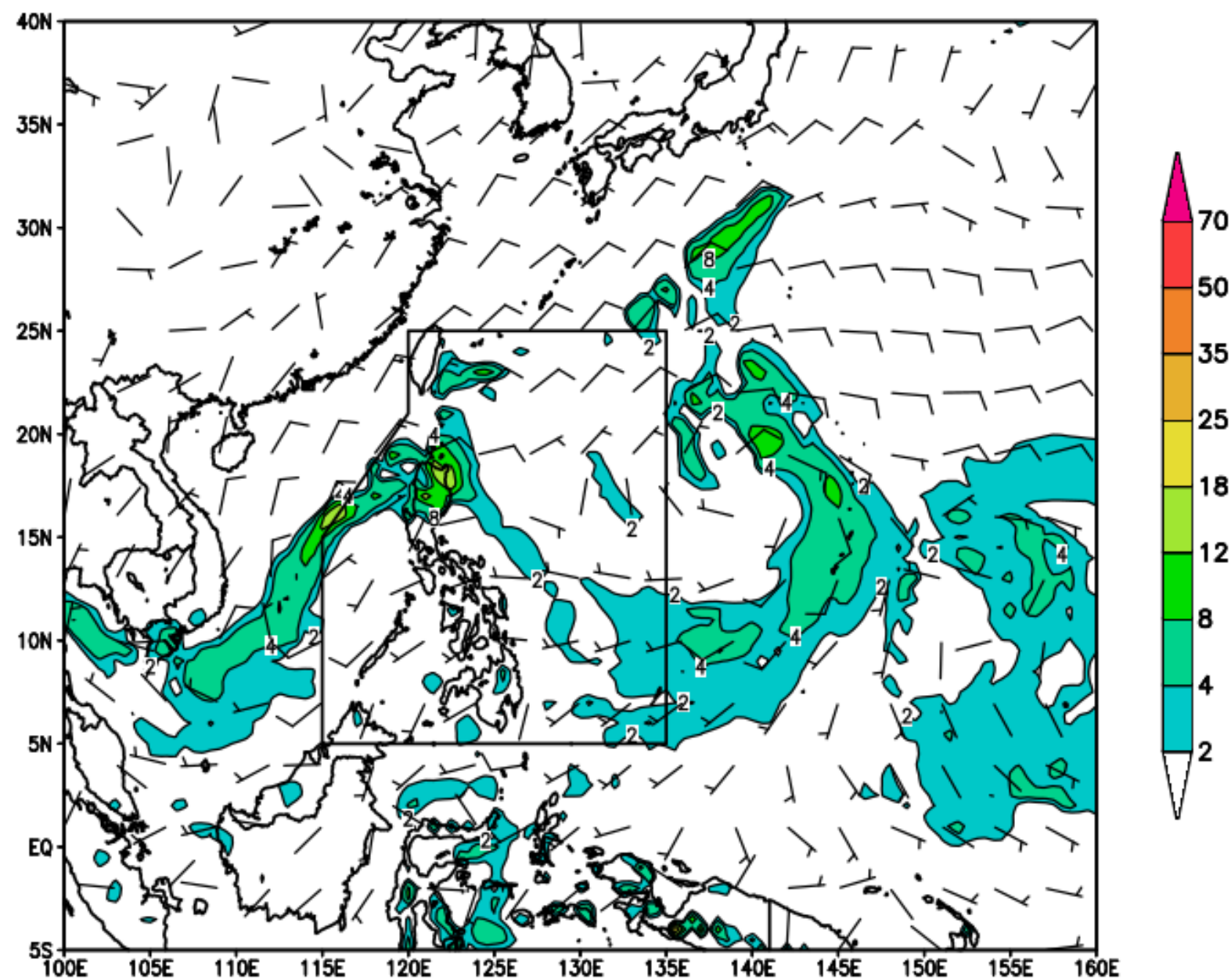
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Three Hourly Rainfall (mm) and Surface Wind for OCT 12, 2022 06UTC Wed

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 30 hour



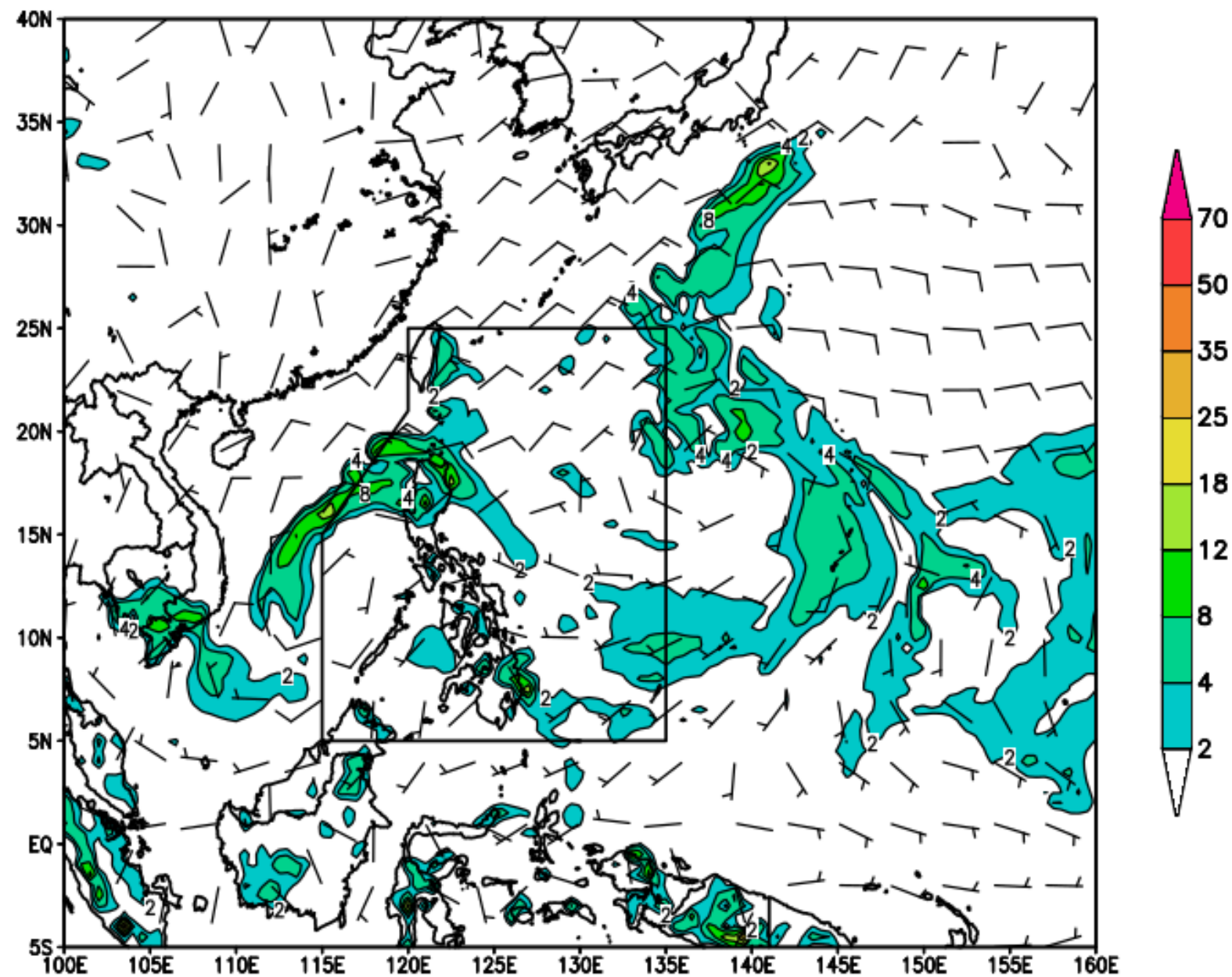
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Three Hourly Rainfall (mm) and Surface Wind for OCT 12, 2022 12UTC Wed

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 36 hour



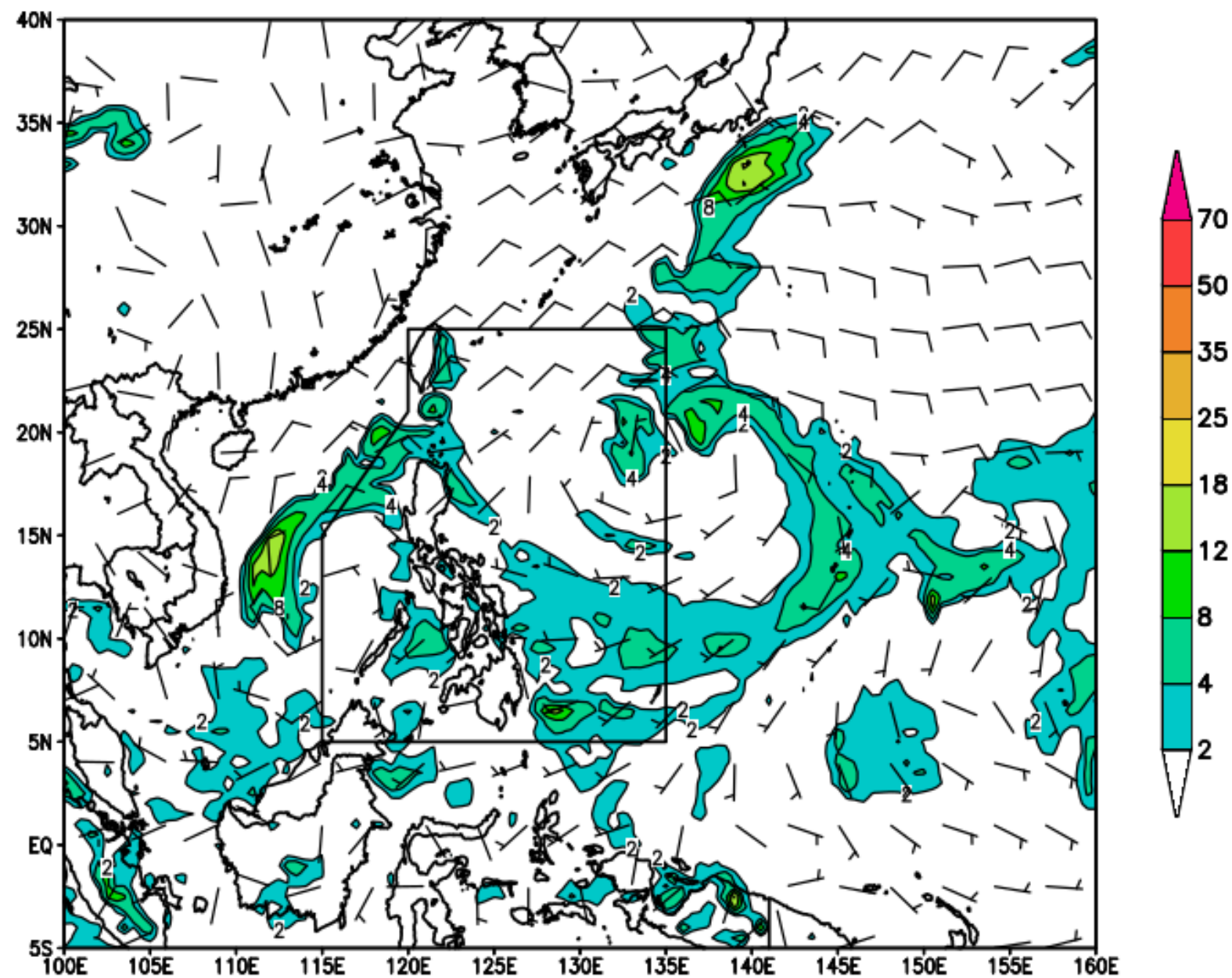
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Three Hourly Rainfall (mm) and Surface Wind for OCT 12, 2022 18UTC Wed

Initial time: 00 UTC 11 OCT 2022

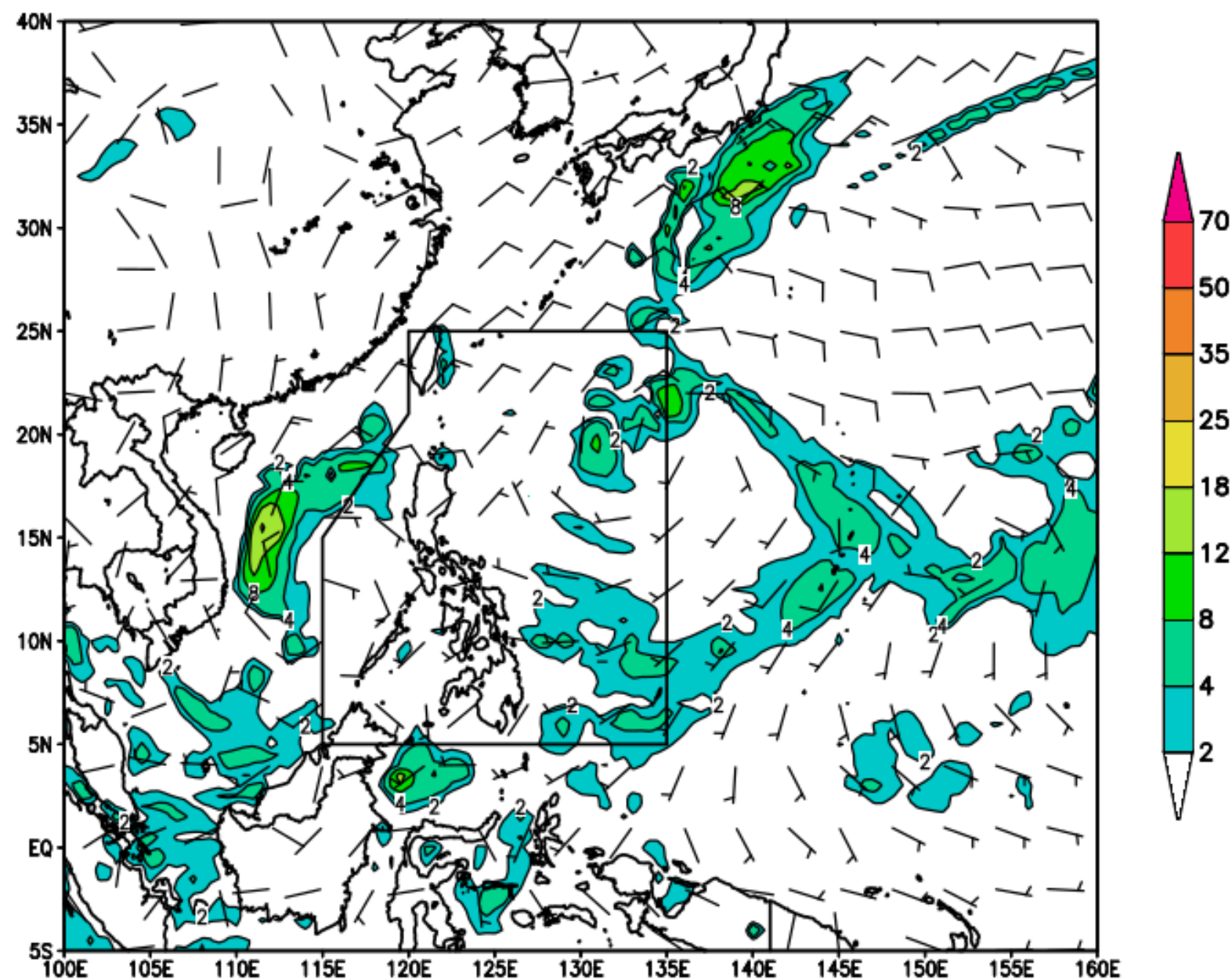
Forecast: t + 42 hour



Three Hourly Rainfall (mm) and Surface Wind for OCT 13, 2022 00UTC Thu

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 48 hour



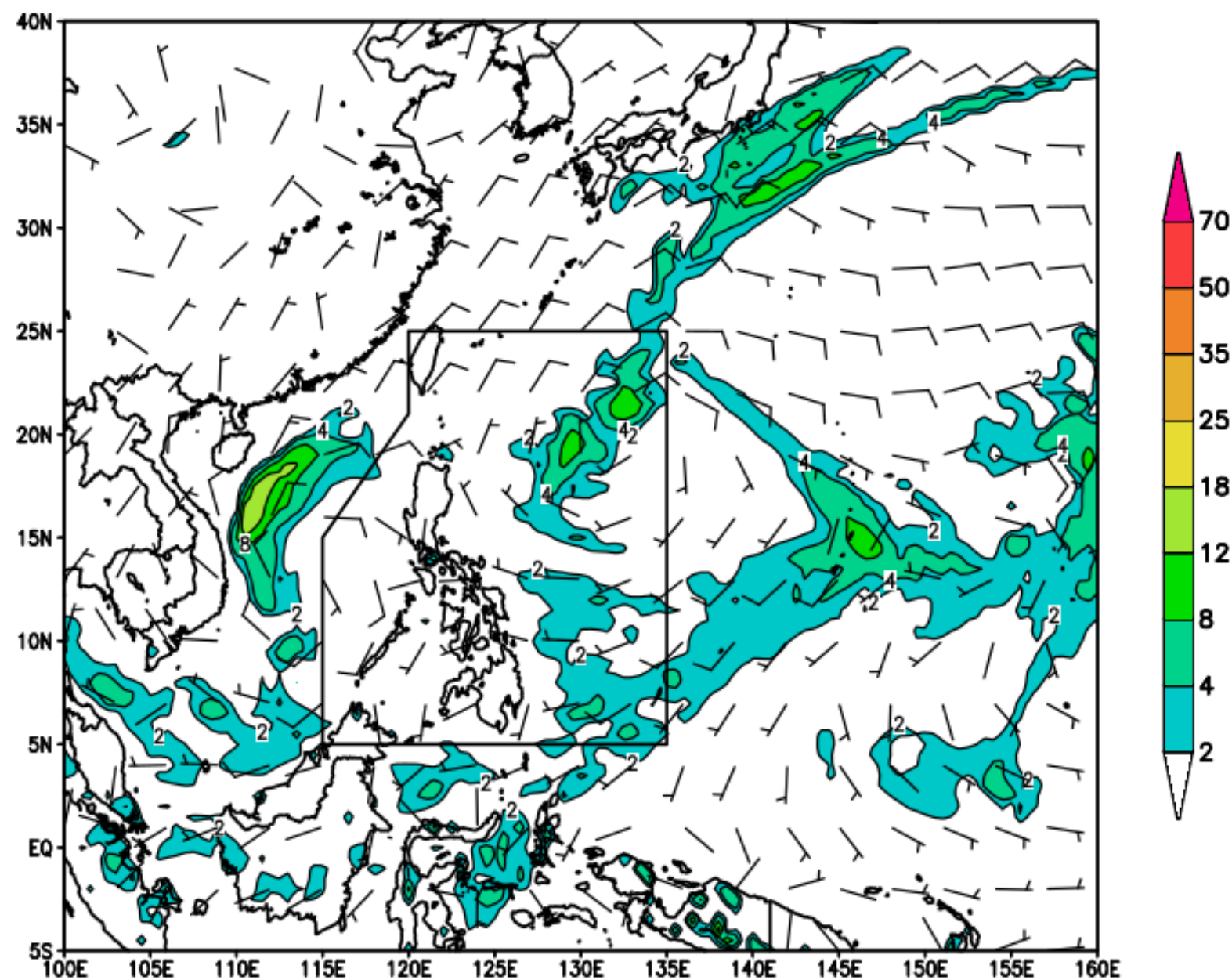
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Three Hourly Rainfall (mm) and Surface Wind for OCT 13, 2022 06UTC Thu

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 54 hour



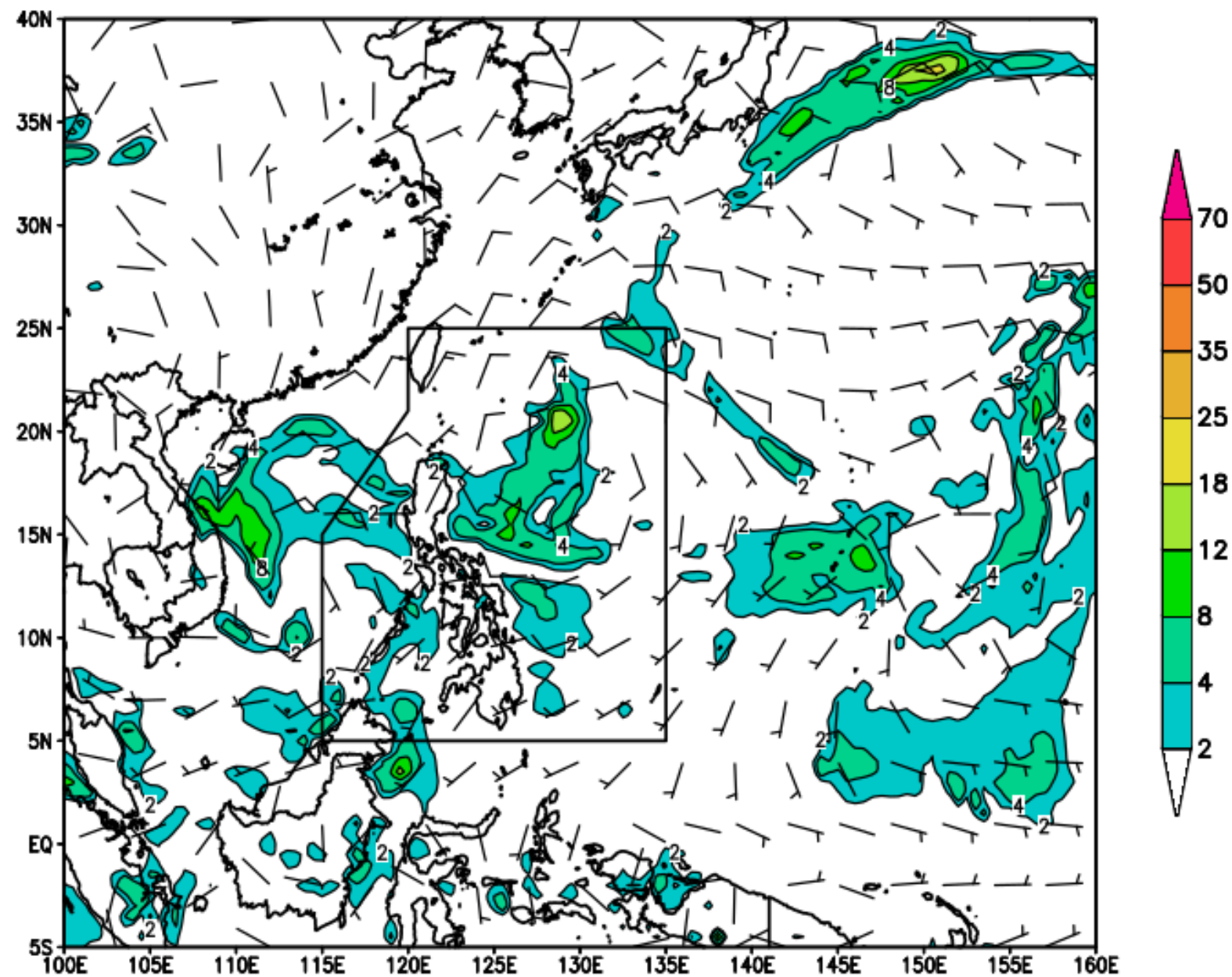
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Three Hourly Rainfall (mm) and Surface Wind for OCT 13, 2022 18UTC Thu

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 66 hour



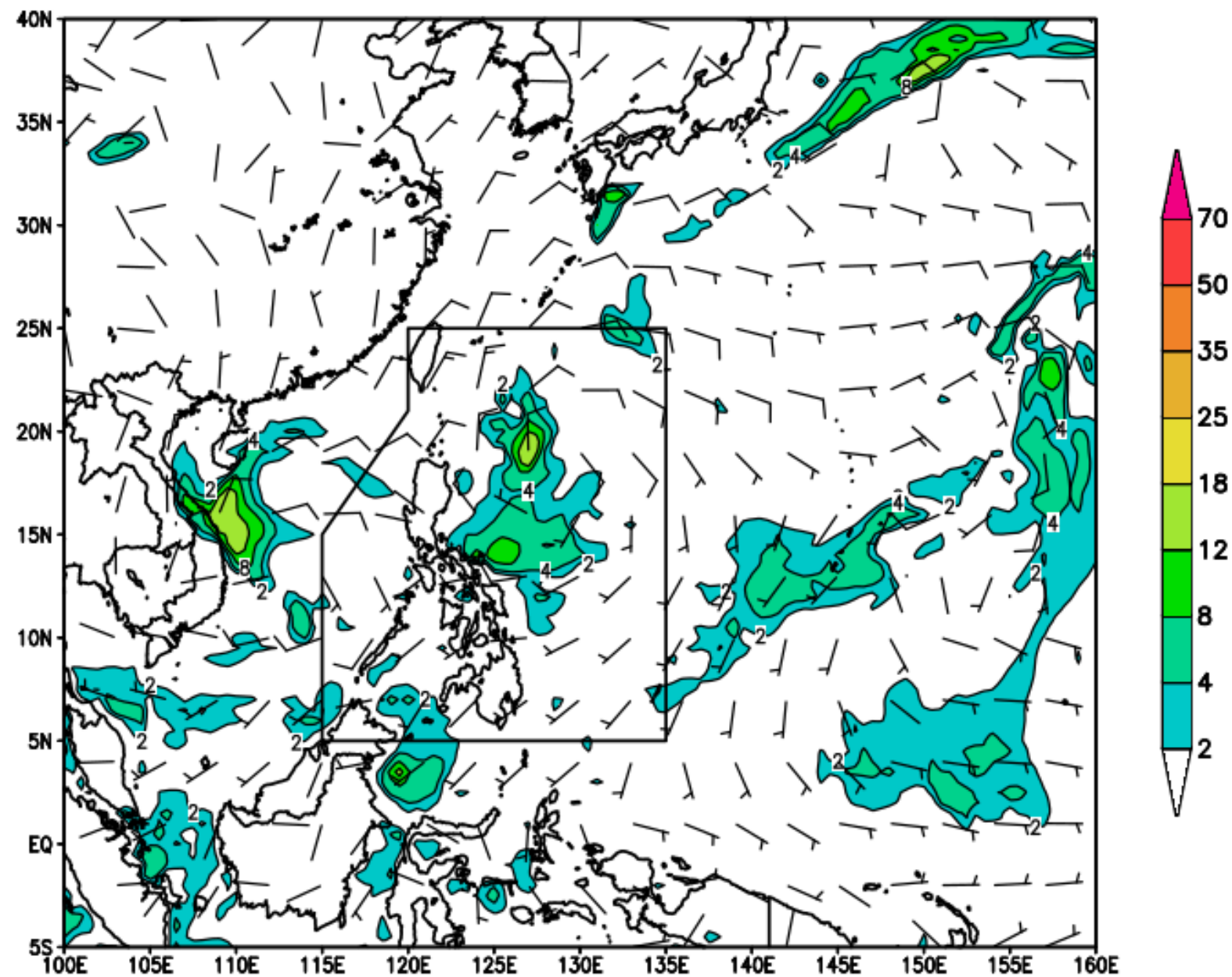
Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

Three Hourly Rainfall (mm) and Surface Wind for OCT 14, 2022 00UTC Fri

Initial time: 00 UTC 11 OCT 2022

Forecast: t + 72 hour

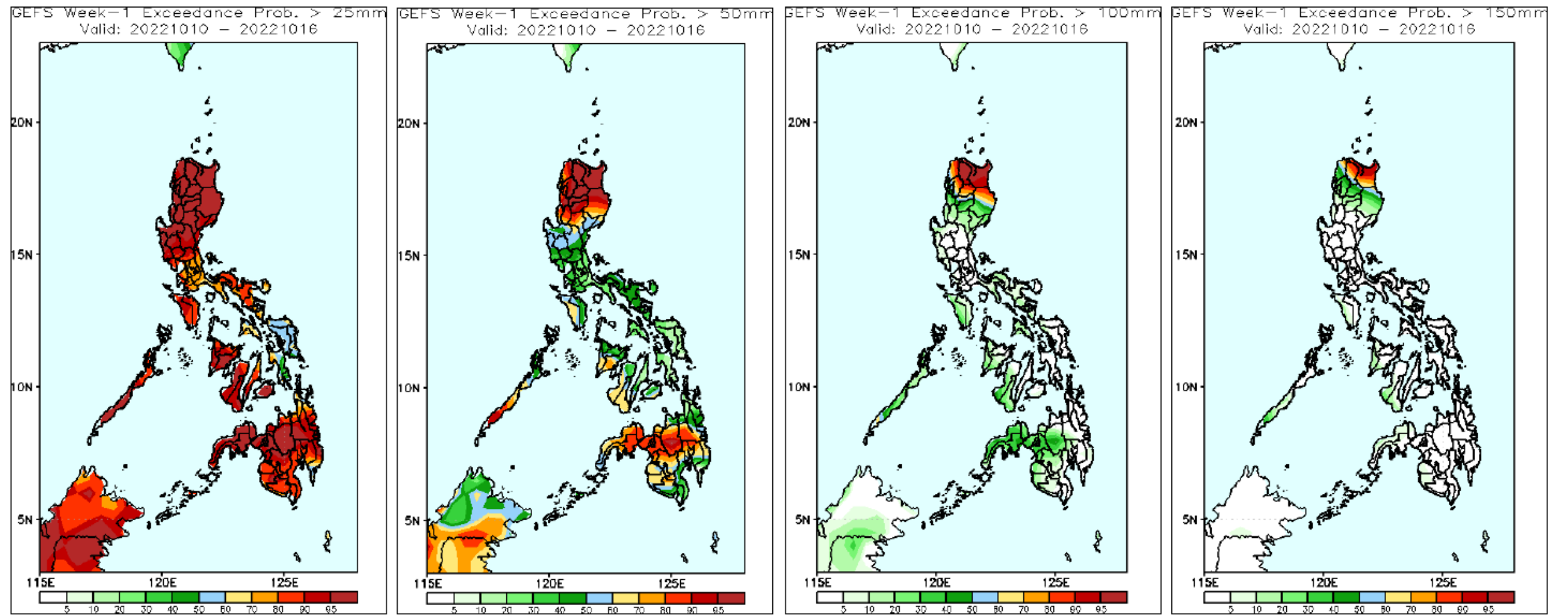


Data from RSMC-Tokyo JMA Global Spectral Model

Processed by PAGASA/WD/TAMSS

WEEK - 1: RAINFALL EXCEEDANCE PROBABILITY FORECAST

October 10 – October 16, 2022



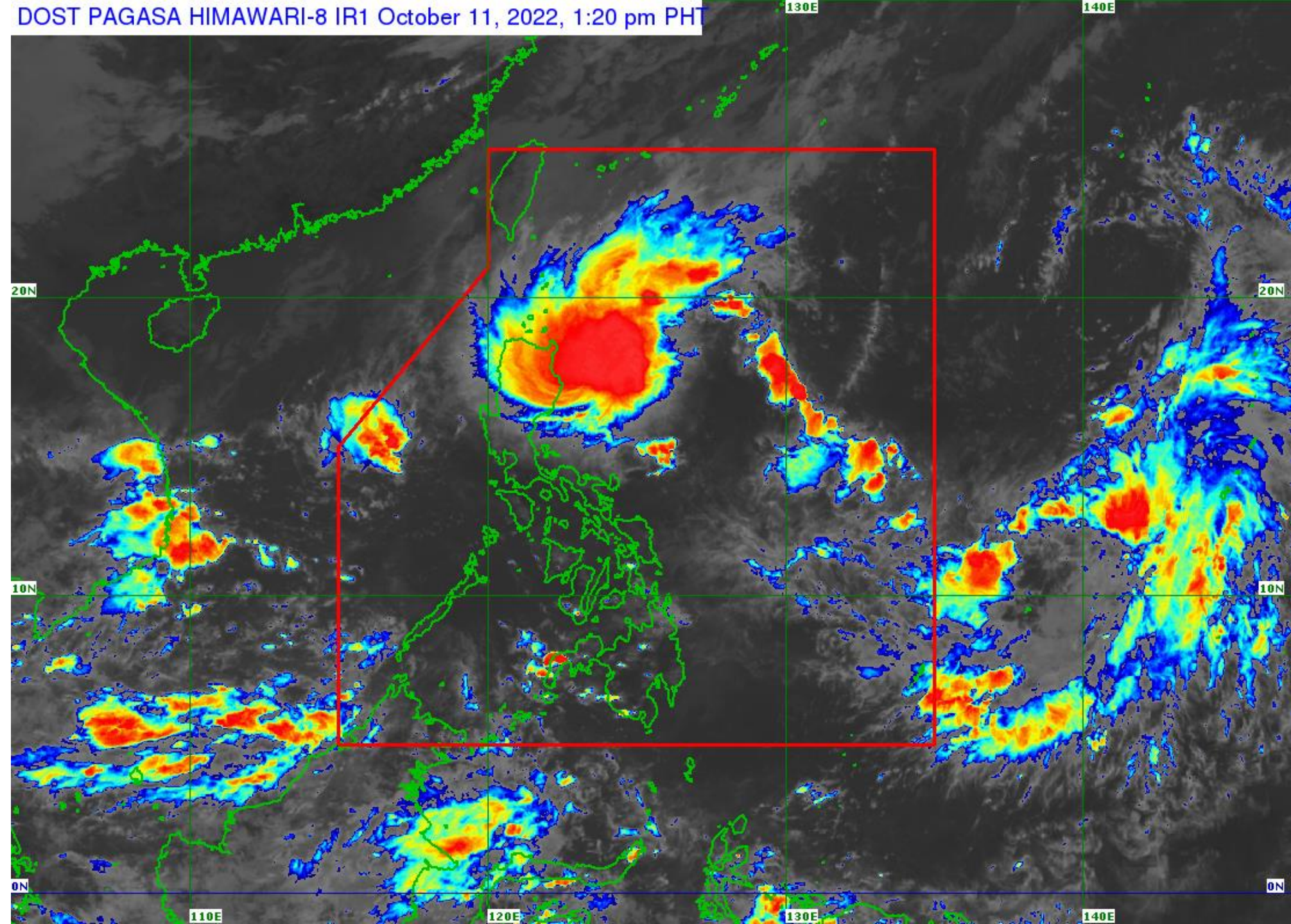
High probability of rainfall to exceed 25mm in most parts of the country during the forecast period.

High probability of rainfall to exceed 50mm in most parts of Northern Luzon, some areas in Central and Southern Luzon, Western Visayas and most parts of Mindanao (except Surigao provinces) while less likely for the rest of Luzon during the forecast period.

High probability of rainfall to exceed 100mm in Ilocos Norte, Abra, Apayao, Kalinga, Cagayan and Isabela while less likely for the rest of Luzon during the forecast period.

High probability of rainfall to exceed 100mm in Apayao and Cagayan while less likely for the rest of Luzon during the forecast period.

DOST PAGASA HIMAWARI-8 IR1 October 11, 2022, 1:20 pm PHT



FORECAST TRACK & INTENSITY



- Tropical Depression MAYMAY will continue moving slowly west southwestward or westward towards Central Luzon. The center of this tropical cyclone is forecast to make landfall in the vicinity of Aurora or northern portion of Quezon by tomorrow (Wednesday) afternoon or evening. Afterwards, the center of “MAYMAY” will traverse the landmass of Central Luzon before emerging over the West Philippine Sea by Thursday morning.
- MAYMAY” is forecast to maintain its strength prior to its landfall. Due to frictional effects, this tropical cyclone may be downgraded to Low Pressure Area once it emerges over the West Philippine Sea. Weakening to Low Pressure Area while traversing over Central Luzon is not ruled out.

IMPACT TO MIMAROPA REGION



- “Maymay” and the potential “Neneng” are not expected to directly affect any part of MIMAROPA Region.
- The trough of TD “Maymay” will bring moderate to at times heavy rains over Kalayaan and southern Palawan early tomorrow (Wednesday) morning until evening.
- The rest of Palawan will have light to moderate rains on Wednesday evening until Thursday morning.
- MIMAROPA will have partly cloudy to cloudy skies with isolated rainshowers and thunderstorms especially in the afternoon or evening.
- The WPS will be moderate to rough. No Gale Warning is expected to be issued throughout the forecast period.



THANK YOU