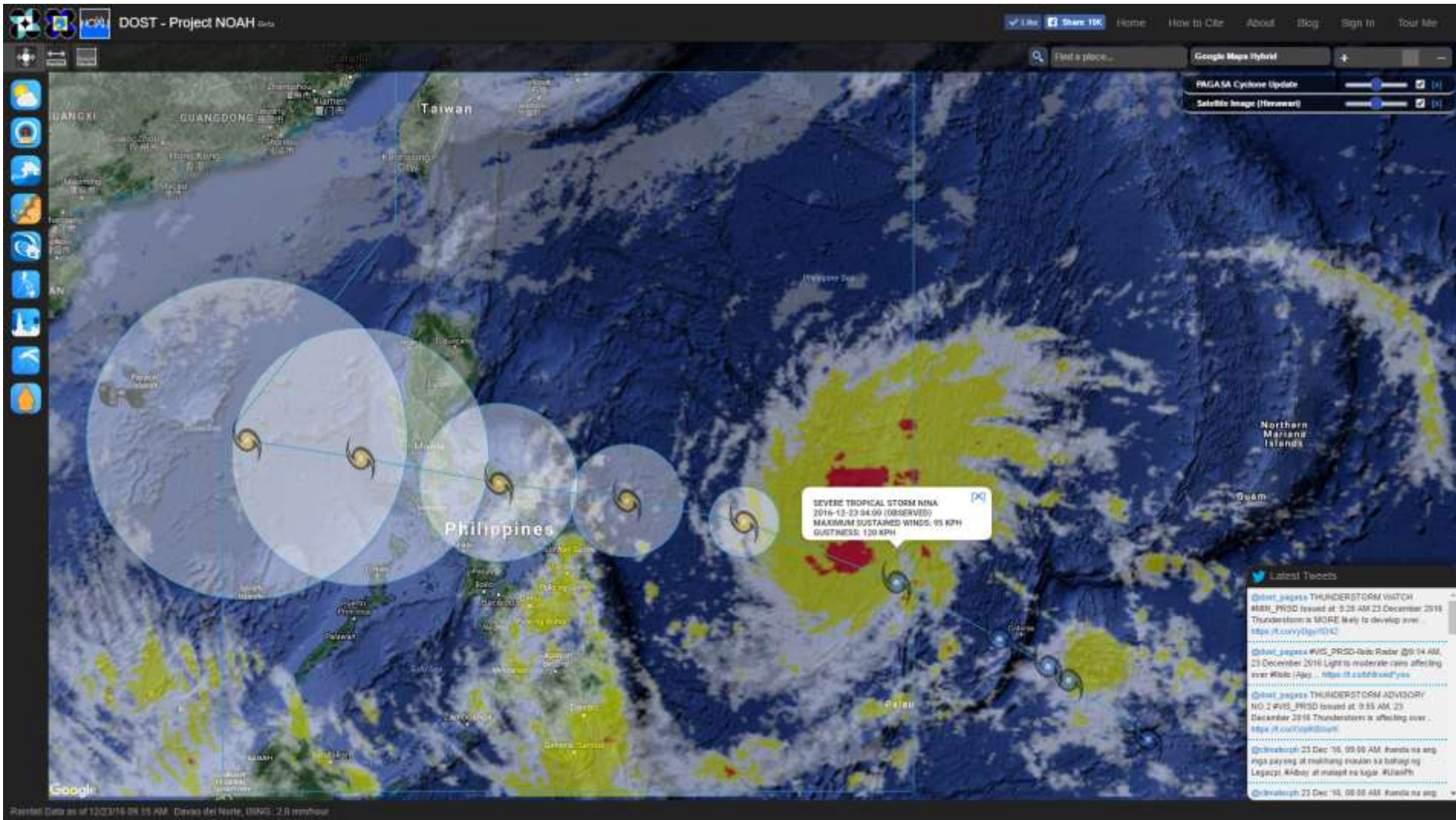


# **PAGASA-NOAH Hazard Impact Analysis for Severe Tropical Storm Nina**

Based on NOAH-WISE Simulations  
Initialized December 23, 2016 2:00 AM PST



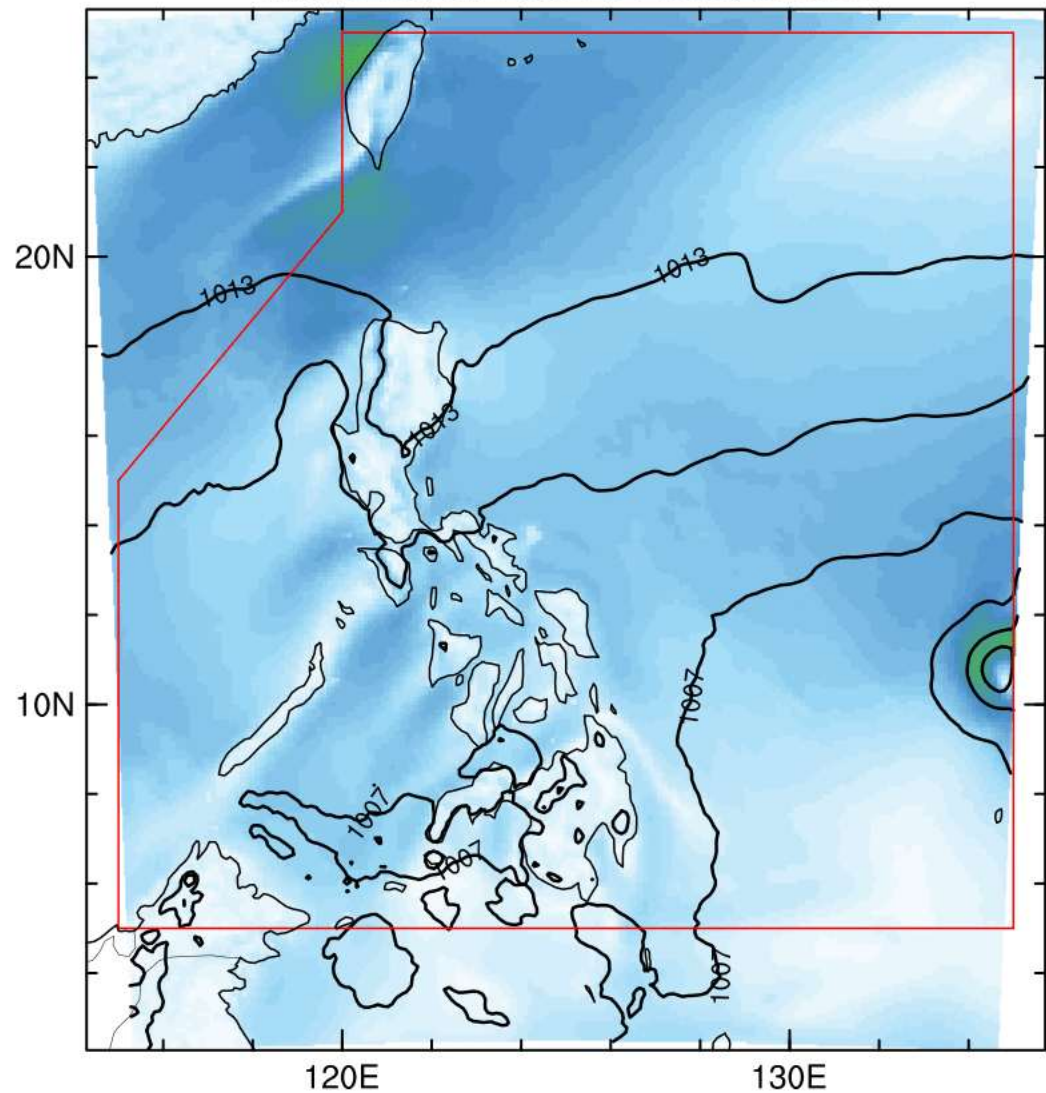
# PAGASA Forecast Storm Track



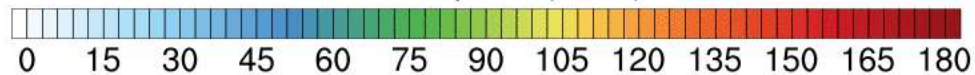
# NOAH-WISE Wind Forecast

**Dec 23 2016, 03 AM (WRF)**

Initialized on Dec 23 2016, 02 AM



Wind Speed (km/h)

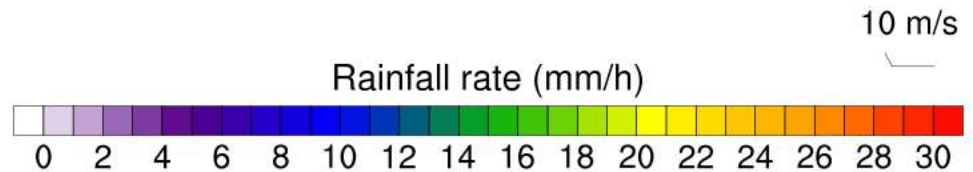
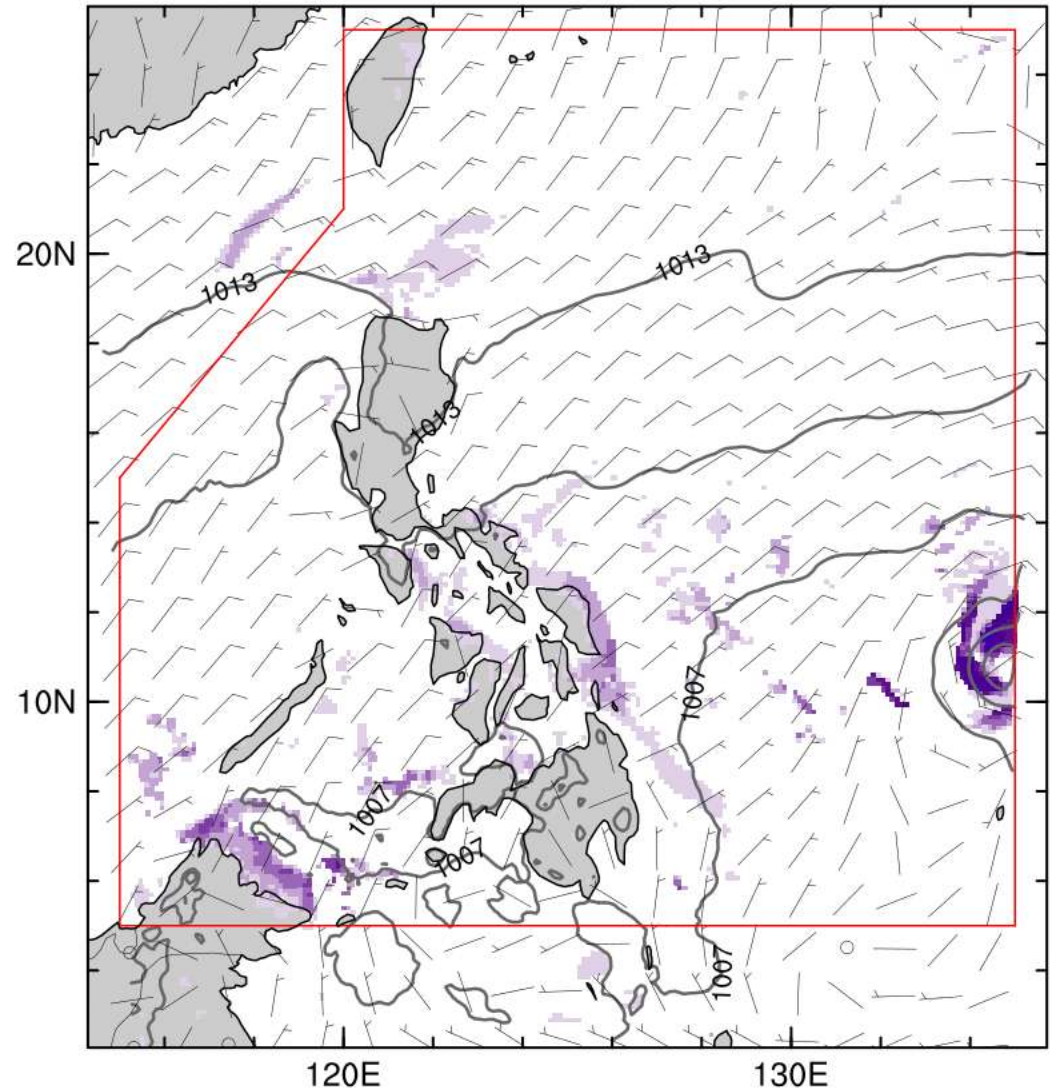




# Dec 23 2016, 03 AM (WRF)

Initialized on Dec 23 2016, 02 AM

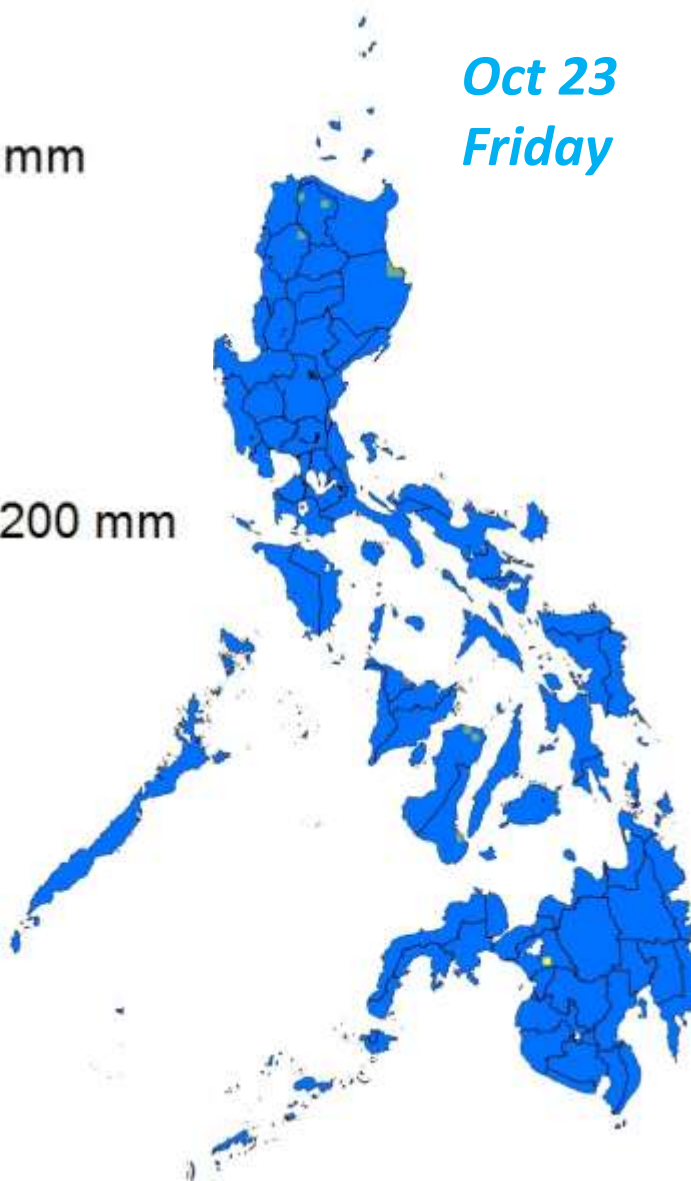
## NOAH-WISE Rainfall Forecast



# NOAH-WISE Accumulated Rainfall Forecast



*Oct 23  
Friday*



*Oct 24  
Saturday*

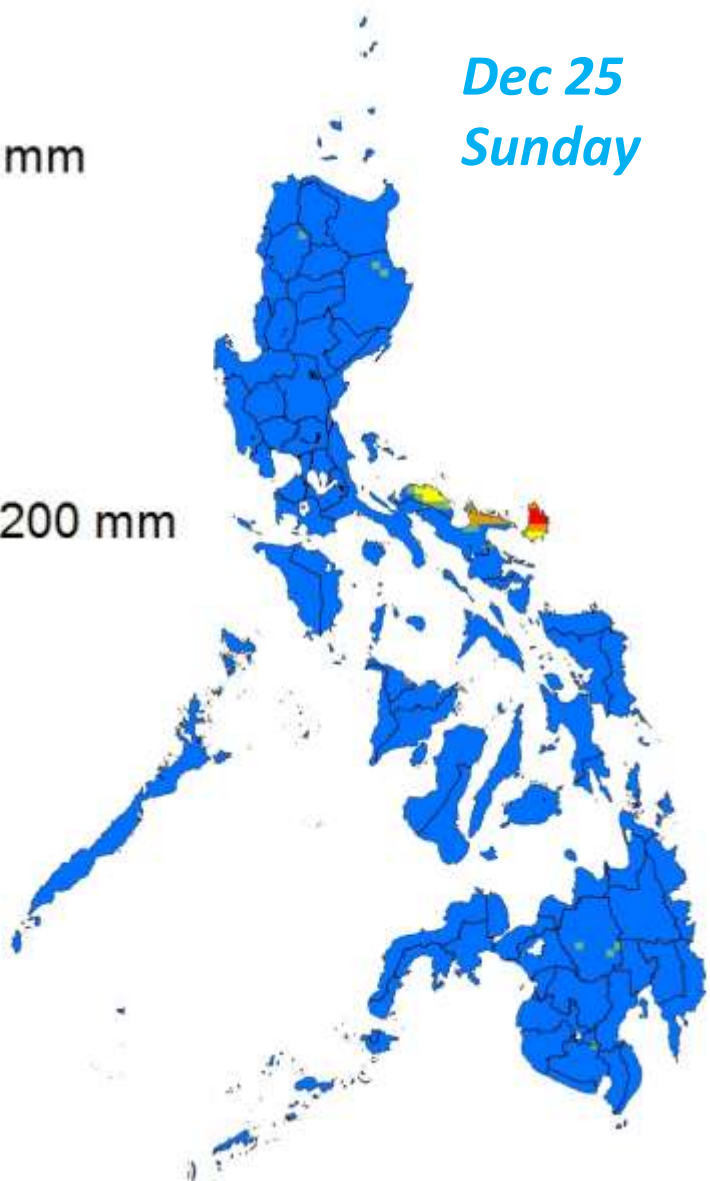


# NOAH-WISE

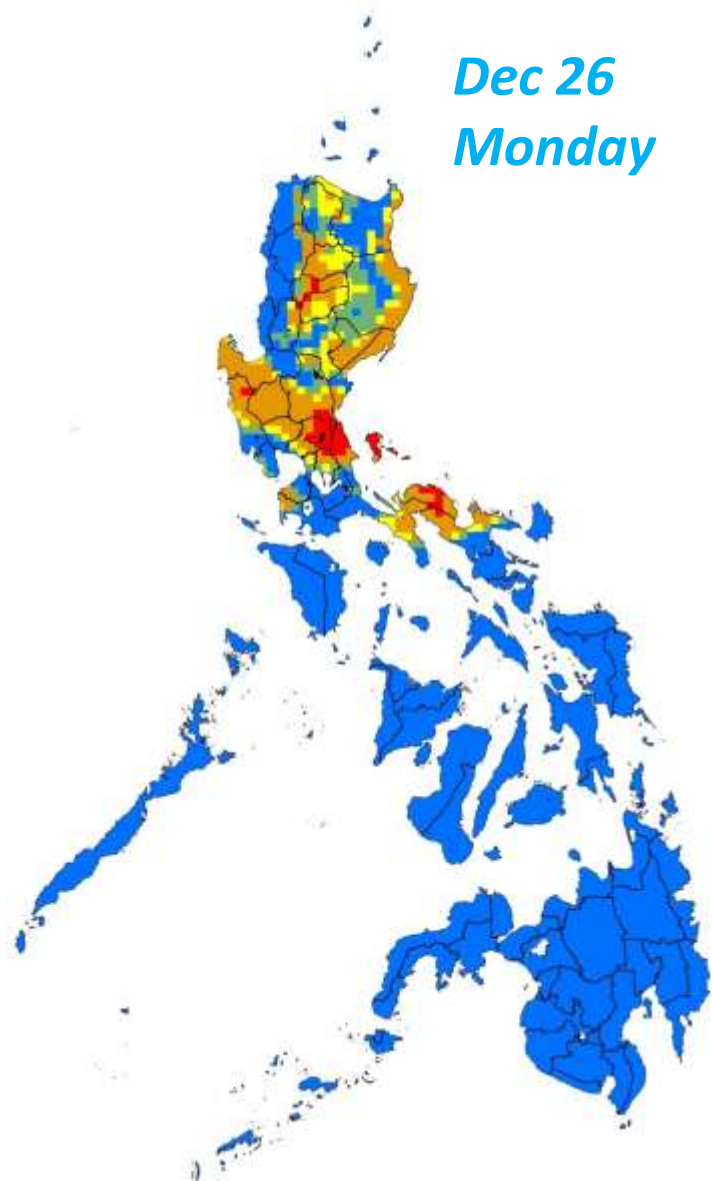
## Accumulated Rainfall Forecast



*Dec 25  
Sunday*

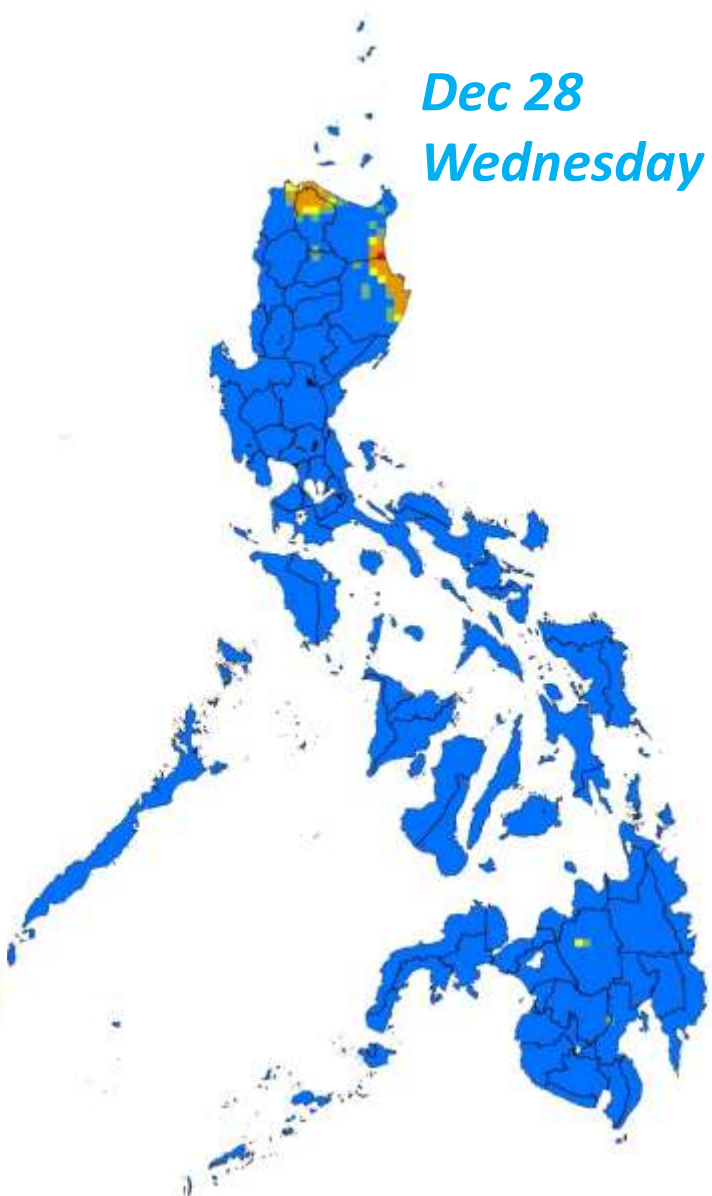
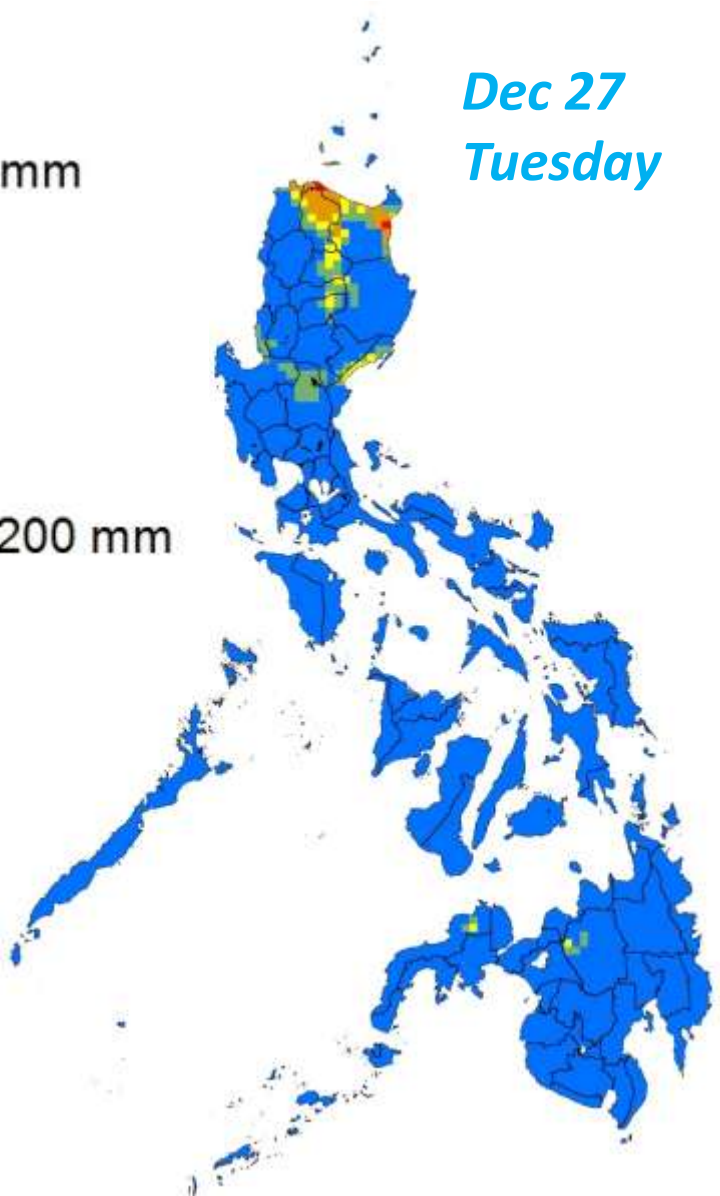


*Dec 26  
Monday*



# NOAH-WISE

## Accumulated Rainfall Forecast

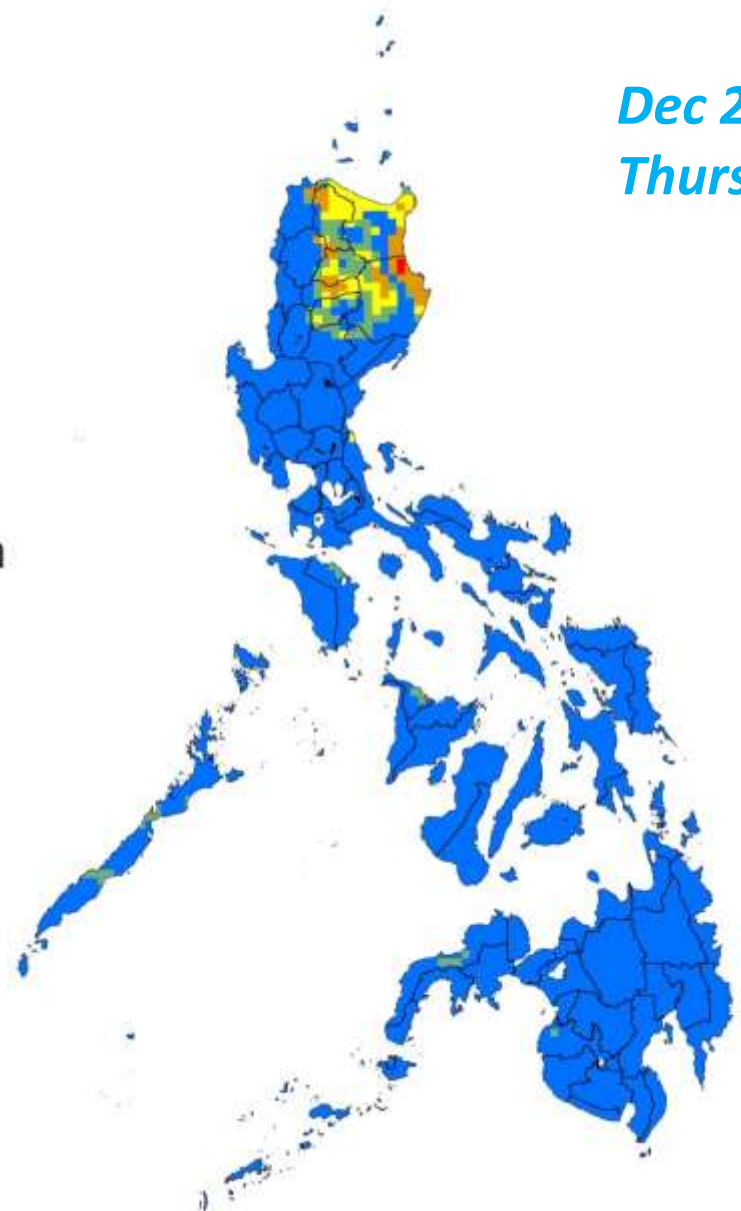




# NOAH-WISE

## Accumulated Rainfall Forecast

*Dec 29*  
*Thursday*





**AREAS WITH  $\geq$  100 mm  
OF RAIN THAT MAY  
TRIGGER LANDSLIDES &  
FLOODS**

*Based on  
NOAH-WISE Simulations*



**314**

**Municipalities in**

**10** regions