

I. PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL SERVICES ADMINISTRATION

STRATEGIC OBJECTIVES

SECTOR OUTCOME

1. Technology adoption promoted and accelerated
2. Innovation stimulated
3. Ecological integrity ensured and socioeconomic condition of resource-based communities improved through sustainable integrated area development

ORGANIZATIONAL OUTCOME

Enhanced safety and resiliency of Filipinos to disaster risks from extreme weather, flooding, storm surge and related events

PERFORMANCE INFORMATION

<u>ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)</u>	<u>BASELINE</u>	<u>2021 TARGETS</u>
Enhanced safety and resiliency of Filipinos to disaster risks from extreme weather, flooding, storm surge and related events		
WEATHER AND CLIMATE FORECASTING AND WARNING PROGRAM		
Outcome Indicator		
1. Percentage of 81 provinces including Metro Manila that have robust science-based weather related information and services in their disaster risk reduction plans	26.81%	94%
Output Indicators		
1. Percentage of timely weather and tropical cyclone warnings issued within fifteen (15) minutes of scheduled time	90%	94%

2. Number of seasonal climate forecasts, climate impact assessment, tropical cyclone warning advisory (TCWA) for agriculture and farm weather forecasts and advisories issued	427	906
3. Annual Mean 24-hour Forecast Track Error (in kilometers)	100 km	Typhoon - less than or equal to 100 km Tropical Storm - less than or equal to 120 km

FLOOD FORECASTING AND WARNING PROGRAM

Outcome Indicator

1. Reduced number of casualties

-

0 casualty

Output Indicators

1. Number of timely and accurate flood warnings issued

2,266

3,000

2. Percentage of timely flood warning issued within fifteen (15) minutes of scheduled time

97.62%

94%

3. Number of hazard maps developed/generated/updated

4

4

RESEARCH AND DEVELOPMENT ON ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL AND ALLIED SCIENCES PROGRAM

Outcome Indicators

1. Percentage of stakeholders who rated the forecasting capability services as satisfactory or better

80%

90%

2. Percentage increase of LGUs that use the hazard maps

50%

80%

Output Indicators

1. Number of researches/studies completed/published/operationalized and development of real innovative/pioneering projects

8

7

2. Percentage of involvement on the localization of instruments, facilities and models through innovation, collaboration and linkages

100%

100%

3. Number of technical assistance on actions/policies adapted by the LGU

1

98