



## Philippine Atmospheric, Geophysical and Astronomical Services Administration

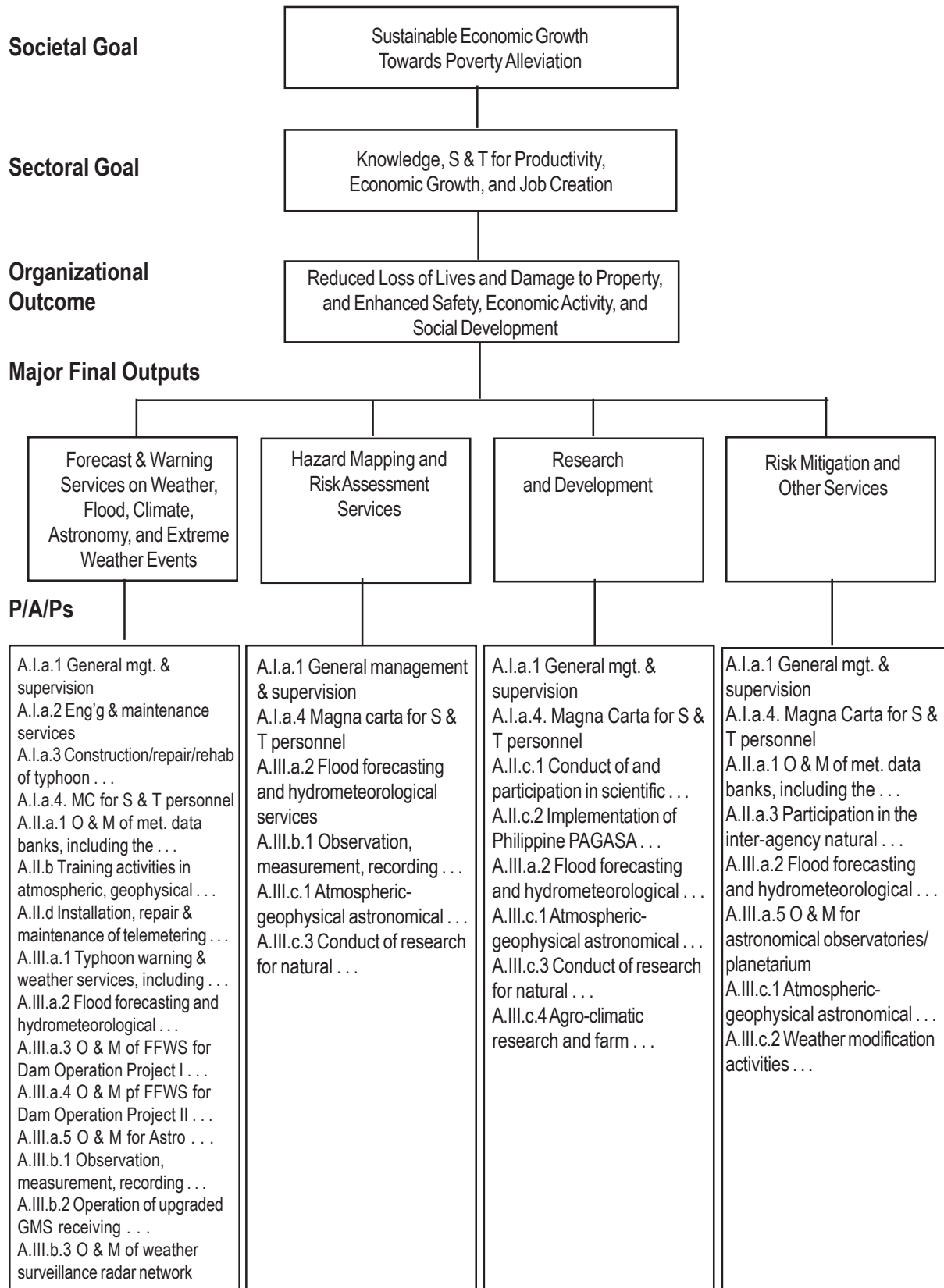
### Legal Basis

- **Observatorio Meteorologico de Manila** (April 28, 1884), a Spanish royal decree which recognized the observatory originally established on January 1, 1865 by the Jesuits at the Ateneo Municipal as an official institution of the government.
- **Philippine Commission Act No. 131** (May 22, 1901) established the Philippine Weather Bureau.
- **Presidential Decree No. 78** (December 8, 1972) reorganized the Weather Bureau into the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) and transferred it from the Department of Commerce and Industry to the Department of National Defense.
- **Presidential Decree No. 1149** (June 2, 1977) amended PD No. 78 to include the establishment of two additional major units, the Typhoon Moderation Research and Development Office (TMRDO) and the National Flood Forecasting Office (NFFO), under PAGASA.
- **Executive Order No. 984** (September 17, 1984) transferred the PAGASA from the Department/Ministry of National Defense to the National Science and Technology Authority (NSTA).
- **Executive Order No. 128** (January 30, 1987) mandated the reorganization of the NSTA into the Department of Science and Technology (DOST) to which the PAGASA is attached.

### Mandate

The Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) is mandated “to provide protection against natural calamities and utilize scientific knowledge as an effective instrument to ensure the safety, well-being, and economic security of all the people, for the promotion of national progress.”

## LOGICAL FRAMEWORK (PAGASA)



## PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

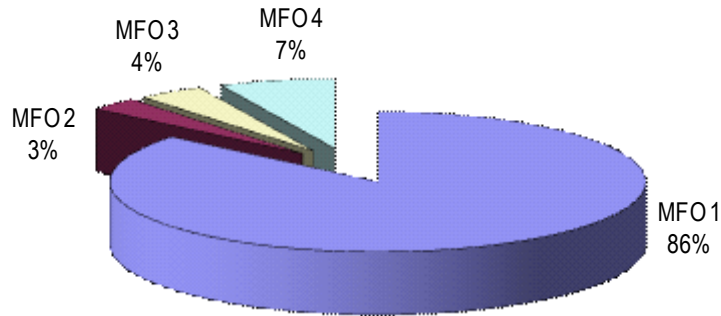
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>				
<b>Forecast and Warning Services on Weather, Flood, Climate, Astronomy, and Extreme Weather Events</b>	<b>655,185</b>	<b>645,993</b>	<b>895,524</b>	<b>1,101,821</b>
Number of timely and accurate forecasts on weather, flood, and climate	38,357	40,271	38,722	39,094
Number of timely and accurate warnings on weather, flood, and climate (as necessary)	678	604	678	678
Number of clients served (astronomical services)	9,012	8,688	9,112	9,212
<b>MFO 2</b>				
<b>Hazard Mapping and Risk Assessment Services</b>	<b>30,702</b>	<b>36,074</b>	<b>41,965</b>	<b>44,011</b>
Number of hazard maps generated/updated	26	26	22	18
Number of clients served scientific data/information requests	100	157	120	130
<b>MFO 3</b>				
<b>Research and Development</b>	<b>43,707</b>	<b>56,225</b>	<b>56,862</b>	<b>53,353</b>
Number of R&D projects implemented	15	15	29	18
Number of technical papers prepared vis-à-vis published papers in Science Institute (IS)-listed journals	2	2	2	2
Number of Intellectual Property applied/approved	9	-	-	-
No. of R&D collaborative projects with international scientific organizations	12	12	12	12
<b>MFO 4</b>				
<b>Disaster Preparedness and Risk Mitigation and Other Services</b>	<b>53,991</b>	<b>56,088</b>	<b>81,250</b>	<b>84,461</b>
Number of clients served:				
- IEC lectures	demand-driven	32,210	demand-driven	demand-driven
- Drills	demand-driven	660	demand-driven	demand-driven
- Hydromet/climatological facilities	demand-driven	100,659	demand-driven	demand-driven
- Space science and planetarium	demand-driven	6,333	demand-driven	demand-driven
Number of information packages developed	demand-driven	3	demand-driven	demand-driven
Number of training programs/seminars/workshops conducted	16	14	16	28
Number of climatological hydro-metreological data publications information and weather certifications issued	demand-driven	2,054	demand-driven	demand-driven
Number of assorted meteorological instruments calibrated for various clients	60	286	120	120
<b>TOTAL</b>	<b>783,585</b>	<b>794,380</b>	<b>1,075,601</b>	<b>1,283,646</b>

**FY 2012 MFO BUDGET**

**By MFO/By Expense Class**  
(In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
<b>MFO 1</b> Forecast and Warning Services on Weather, Flood, Climate, Astronomy and Extreme Weather Events	211,011	476,994	413,816	<b>1,101,821</b>	<b>86%</b>
<b>MFO 2</b> Hazard Mapping and Risk Assessment Services	18,078	25,933	-	<b>44,011</b>	<b>3%</b>
<b>MFO 3</b> Research and Development	36,242	17,111	-	<b>53,353</b>	<b>4%</b>
<b>MFO 4</b> Disaster Preparedness, Risk Mitigation, and Other Services	19,291	65,170	-	<b>84,461</b>	<b>7%</b>
<b>Total</b>	<b>284,622</b>	<b>585,208</b>	<b>413,816</b>	<b>1,283,646</b>	<b>100%</b>
<b>% SHARE</b>	<b>22%</b>	<b>46%</b>	<b>32%</b>	<b>100%</b>	

**By MFO**  
(Total Budget=P1,283,646,000)



**By Expense Class**  
(Total Budget=P1,283,646,000)

