

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)

Sustainable Economic Growth Societal Goal **Towards Poverty Alleviation** Knowledge, S & T for Productivity, Economic Sectoral Goal Growth, and Job Creation Organizational Reduced Loss of Lives and Damage to Property, and **Outcome** Enhanced Safety, Economic Activity, and Social Development Major Final Outputs Forecast & Warning Hazard Mapping and Risk Research Disaster Preparedness, Services on Weather, **Assessment Services** and Development Risk Mitigation, and Other Flood, Climate, Services Astronomy, and Extreme Weather Events A.I.a.1 General Mgt. & Supervision A.I.a.1 General A.I.a.1 General A.I.a.1 General A.I.a.2 Eng'g. & Maintenance Management & Supervision Management & Supervision Management & Services A.I.a.4 Magna Carta for S&T A.I.a.4 Magna Carta for S&T A.I.a.3 Construction/ Repair/Rehab Supervision Personnel Personnel^{*} of Typhoon. A.I.a.4 Magna Carta for A.I.a.4 MC for S&T Personnel A.II.c.1 Conduct of and A.II.a.1 O&M of Met. Data A.II.a.1 O&M of Met. Data Banks, S&T Personnel Participation in Scientific... Banks... including the A.III.a.2 Flood A.II.b Training Activities in Atmospheric, Geophysical ... A.II.c.2 Implementation of A.II.c.3 Participation in the Forecasting and Philippine PAGASA... Inter-Agency Natural... A.II.d Installation, Repair & A.III.a.2 Flood Forecasting Hydrometeorological A.III.a.2 Flood Forecasting Maintenance of Telemetering. and Hydrometeorological... and Hydrometeorological... A.III.a.1 Typhoon Warning & A.III.c.1 Atmospheric-A.III.a.5 O&M of Weather Services, including.. A.III.b.1 Observation. A.III.a.2 Flood Forecasting and Geophysical Astronomical.. Astronomical Observatories/ Measurement. Hydrometeorological... A.III.a.3 A.III.c.3 Conduct of Planetarium.... O&M of FFWS for Dam Operation Recording... A.III.c.1 Atmospheric-Research for Natural... Project I ... A.III.a.4 O&M of FFWS A.III.c.1 Atmosphericfor Dam Operation Project II .. A.III.a.5 O&M of Astro... A.III.c.4 Agro-climatic Geophysical Astronomical.. Geophysical Research and Farm... A.III.c.2 Weather A.III.b.1 Observation. Astronomical.. Measurement, Recording ... Modification Activities... A.III.c.3 Conduct of A.III.b.2 Operation of Upgraded GMS Receiving.. Research for Natural... A.III.b.3 O&M of Weather Surveillance Radar Network Performance Indicators No. of timely and No. of hazard maps No. of technical papers No. of clients served by type of service generated/updated prepared vis-à-vis no. accurate forecasts on participants to IEC of published papers in weather, flood, and lectures - drills climate No. of clients served International Science visitors to agency - scientific data/ Institute (ISI)-listed facilities - visitors to space No. of timely and information iournals science and accurate warnings on requests planetarium services No. of intellectual - income generated No. of information weather, flood and materials developed property (IPs) applied/ climate No. training/ seminars/ approved No. of research and workshops conducted for various stakeholders development projects Astronomical services No. of climatological implemented - No. of clients data, astronomical publications/info, and served weather certifications

issued/disseminated

PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

| | FY 2008 | FY 2009 | FY 2010 |
|---|---------|---------------|---------------|
| Particulars | Amount/ | Amount/ | Amount/ |
| | Actual | Target | Target |
| MFO 1: | | | |
| Forecast and Warning Services on Weather, Flood, | | | |
| Climate, Astronomy, and Extreme Weather Events | 263,822 | 637,035 | 481,032 |
| Number of timely and accurate forecasts on weather, | 200/022 | 33.7533 | .0.7002 |
| flood, and climate | 38,947 | 38,364 | 38,689 |
| Number of timely and accurate warnings on weather, | · | · | |
| flood, and climate (as necessary) | 821 | As necessary | As necessary |
| Number of clients served (astronomical services) | 8,827 | 9,200 | 9,200 |
| MFO 2: | | | |
| Hazard Mapping and Risk Assessment Services | 17,717 | 21,677 | 26,213 |
| Number of hazard maps generated/updated | 21 | 26 | 26 |
| Number of clients served scientific data/information requests | 82 | 90 | 100 |
| MFO 3: | | | |
| Research and Development | 35,466 | 40,293 | 41,020 |
| Number of R&D projects implemented | 29 | 29 | 29 |
| Number of technical papers prepared vis-à-vis | | | |
| published papers in Science Institute (IS)-listed journals | 1 | 2 | 2 |
| Number of Intellectual Property applied/approved | 0 | 9 | 9 |
| No. of R&D collaborative projects with international | | | |
| scientific organizations | 12 | 12 | 12 |
| MFO 4: | | | |
| Disaster Preparedness and Risk Mitigation and Other | | | |
| Services | 42,602 | 53,476 | 65,962 |
| Number of clients served: | | | |
| - IEC lectures | 157,910 | demand-driven | |
| - Drills | 2,468 | demand-driven | demand-driven |
| - Hydromet/climatological facilities | 50,787 | demand-driven | demand-driven |
| - Space science and planetarium | 23,857 | demand-driven | demand-driven |
| Number of information packages developed | 6 | 12 | 12 |
| Number of training programs/seminars/workshops conducted | 15 | demand-driven | demand-driven |
| Number of climatological hydro-metreological data | 4.427 | demand-driven | demand-driven |
| publications information and weather certifications issued | 4,427 | uemanu-unven | uemanu-unven |
| From Other Sources | 377,010 | | |
| TOTAL | 736,617 | 752,481 | 614,227 |

Notes:

FY 2008 Actual Obligations are inclusive of funds from other sources:

| From Other Sources (details): | 377,010 |
|--|---------|
| Pension and Gratuity Fund | 56,123 |
| Miscellaneous Personnel Benefits Funds | 34,322 |
| Automatic Appropriations | 8,810 |
| Sub-Allotments from DOST-OSEC | 1,061 |
| Continuing Appropriations-VAT Payment | 21,200 |
| Continuing Appropriations-Doppler Radars | 255.494 |

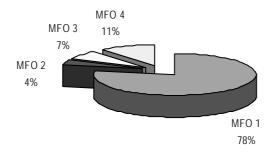
FY 2010 MFO BUDGET

By MFO/By Expense Class

(In thousand pesos)

| PARTICULARS | PS | MOOE | СО | TOTAL | % SHARE |
|--|---------|---------|----|---------|---------|
| MFO 1 | | | | | |
| Forecast and Warning Services on Weather, Flood, Climate, Astronomy and Extreme Weather Events | 163,698 | 317,334 | 1 | 481,032 | 78% |
| MFO 2 | | | | | |
| Hazard Mapping and Risk Assessment Services | 10,489 | 15,724 | - | 26,213 | 4% |
| MFO 3 | | | | | |
| Research and Development | 27,342 | 13,678 | - | 41,020 | 7% |
| MFO 4 | | | | | |
| Disaster Preparedness, Risk Mitigation, and Other Services | 27,552 | 38,410 | - | 65,962 | 11% |
| TOTAL | 229,081 | 385,146 | - | 614,227 | 100% |
| % SHARE | 37% | 63% | 0% | 100% | |

By MFO (Total Budget = P614,227,000)



By Expense Class (Total Budget = P614,227,000)

