

# **Quarterly Physical Report of Operations**

**For the Quarter Ending  
December**

**QUARTERLY PHYSICAL REPORT OF OPERATION**  
For the Quarter Ending December, 2012

BAR No. 1

Department of Science and Technology (DOST)  
Philippine Atmospheric, Geophysical and Astronomical Services Administration

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<p><b>A. PROGRAMS</b></p> <p><b>MFO 1</b> Forecast and warning services on weather, flood, climate, astronomy and extreme weather events</p> <p><b>P / A / Ps</b></p> <p><b>A.III.a.1</b> Number of weather information packages prepared and issued:</p> <ul style="list-style-type: none"> <li>▪ Public weather forecasts</li> <li>▪ Shipping forecasts</li> <li>▪ Tropical Cyclone</li> </ul> <p>- Advisories</p> <p>- International Warnings</p> <p>- Severe Weather Bulletin</p>	<p>1. No. of timely and accurate forecasts on weather, flood and climate</p> <p>2. No. of timely and accurate warnings on weather, flood and climate (as necessary)</p> <p>3. No. of astronomical services: No of clients served - No. of information of different astronomical events (near earth objects such as asteroids, meteorites, etc) issued</p>	<p>184</p> <p>184</p> <p>Whenever TC enters PAR</p> <p>4</p> <p>34</p> <p>30</p>	<p>184</p> <p>184</p> <p>5</p> <p>14</p> <p>108</p> <p>82</p>	<p>100</p> <p>100</p> <p>-</p> <p>&gt;100</p> <p>&gt;100</p> <p>&gt;100</p>	<p><i>TS Marce (October 2-5), Ty Nina (October 8-17), TS Ofel (October 22-26), Ty Pablo (December 2-9), TS Quinta (December 25-27)</i></p>

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- Hourly updates		As need arises	304	-	
▪ Aviation weather forecasts & flight enroute documentations		8,740	4,692	54	Airlines utilized their own information meteorological system
▪ Gale Warning/Weather Advisories for extreme climate events		As need arises	142	-	
▪ Forecasts/advisories/warnings/ bulletins disseminated to regular clients and other various clients		76,360	136,274	>100	
▪ Special Forecast for Selected provinces (Mt. Pinatubo Lahar affected areas, Mt. Mayon and other selected areas)		92	92	100	
▪ Special weather forecasts for selected Asian cities/Philippine cities/municipalities		92	92	100	
▪ Weather maps plotted and analyzed		5,152	5,152	100	
▪ Incorporation of MSL pressure, wind charts, satellite picture in public and shipping weather forecasts		368	1,671	>100	
▪ Public & shipping weather forecasts and Asian and Philippine cities municipalities incorporated in PAGASA Website		368	368	100	
▪ Advisory/warning/bulletin incorporated in PAGASA Web page		140	289	>100	
<b>A.III.a.2</b>					
Number of flood bulletins/advisories/ situationers and hydromet/hydrologic information prepared and issued:					
▪ Flood bulletin for the telemetered Pampanga, Agno, Bicol and Cagayan (PABC) river basins		54	19	54	
▪ General flood advisories for the non-telemetered river basins		30	497	>100	CAR-8 Reg.I-8; Reg.II-6;

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					Reg.III-27; NCR-0.; Reg.IVA-20; Reg.IVB-36; Reg.V-29; Reg.VI-26; Reg.VII-32; Reg.VIII-38; Reg.IX-41; Reg.X-41; Reg.XI-50; Reg.XII-32; Reg.XIII-55; ARMM-45; PRB-3
	▪ Daily hydrological forecasts for PABC river basins during non-flood watch	368	557	>100	
	<b>A.III.a.3</b> Number of flood bulletins/warning information for Angat & Pantabangan Dams Operations prepared and issued:				
	▪ Flood bulletins/warning information	2	1	50	
	▪ Station-days of Angat/Pantabangan dam operations real-time (telemetered) hydro data acquired	300	325	>100	
	▪ Station-months of Angat/Pantabangan dam operations real-time (telemetered) hydro data primary processed	15	30	>100	
	<b>A.III.a.4</b> Number of flood bulletins/warning information for Binga/Ambuklao and Magat Dam Operations prepared and issued:				
	▪ Flood bulletins/ warning information	3	3	100	
	▪ Station-days of Binga/ Ambuklao & Magat dam operations real-time (telemetered) hydro data acquired	300	345	>100	

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<ul style="list-style-type: none"> <li>Station-months of Binga/ Ambuklao &amp; Magat dam operations real-time (telemetered) hydro data primary processed</li> </ul>		15	57	>100	
<b>A.II.a.1</b>	No. of Farm Weather Forecasting and Advisory Services provided:				
<ul style="list-style-type: none"> <li>Daily Farm Weather Forecasts and Advisories (FWFA) issued</li> </ul>		92	92 issued and 10,404 copies disseminated	100	<i>All issuances were posted in the internet</i>
<ul style="list-style-type: none"> <li>Tropical Cyclone Warnings and Advisories (TCWA) for Agriculture issued</li> </ul>	During occurrence of TC		23 TCWA issued to 2,691 recipients	-	
<ul style="list-style-type: none"> <li>Ten-day Regional Agri-weather Forecasts and Advisories</li> </ul>		9	9 issued and 810 copies disseminated.	100	<i>Agri-weather updates aired live daily (except Sun) at DZRM radio.</i>
<ul style="list-style-type: none"> <li>Ten-day Regional Agro-climatic Review and Outlook for Agriculture</li> </ul>		-	Non-issuance since it is already incorporated in the Ten-Day Agri-Weather Forecast and Advisories	-	
Number of Special Observations Gathered and Collected:					
<ul style="list-style-type: none"> <li>Ozone observations</li> </ul>		282	203 ozone observations conducted (cloudy skies) and 12 calibrations made	72	<i>Less observation due to cloudy skies</i>
No. of Special Observation Stations Operated and Maintained:					
<ul style="list-style-type: none"> <li>Ozone monitoring station</li> <li>VSS Station</li> </ul>		1 10	1 10	100 100	
<b>A.II.b</b>	Number of Technical In-house Training Courses conducted with number of participants		2 / 51	>100	
		2 In-house Technical Training Courses conducted to 35 participants:			

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Number of Non-Technical In-house Training Courses conducted with number of participants		2 In-house Non-Technical Training Courses conducted to 50 participants:	1 / 32	50	
Number of scholarships granted/supported:		--	1 Full Scholar (MS Meteorology) Prethika Jayakody	-	
Number of Local scholarships/fellowships with number of participants:		5 local / 6 participants	33 local / 96 participants	>100	
Number of Foreign/ fellowships with number of participants		5 foreign / 6 participants	32 foreign / 52 local participants	>100	
Number of Library users assisted		250	70	28	
<b>A.II.d</b>					
Number of hourly and/or 3-hourly Station-day of PABC real-time (telemetered) rainfall and water level data transmitted to Weather and Flood Forecasting Center (WFFC) and at River Centers for hydrologic (flood) forecasting		3,772 to WFFC 3,588 to River Centers	3,094 to WFFC 3,471 to River Centers	82 97	
<b>A.III.a.5</b>					
Number of astronomical data/information services provided:					
• 24-hour time check requests via telephone services		2,250	2,057	91	
• Dissemination of time signals to PAGASA Synoptic Stations		50	68	>100	

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<ul style="list-style-type: none"> <li>• Press releases on different astronomical events and activities</li> </ul> <p><b>A.III.b.1</b> Number of observing stations operated and maintained:</p> <ul style="list-style-type: none"> <li>• Surface synoptic stations</li> <li>• Upper air stations</li> <li>• Wind Profiler</li> <li>• Agromet Stations</li> <li>• Aeronautical stations</li> <li>• Climat/Rain stations</li> <li>• MTSDP Relay stations</li> <li>• Marine Buoy stations</li> <li>• Automatic Weather Station (AWS)</li> <li>• Automatic Rain Gauge (ARG)</li> <li>• Water Level Monitoring System (WLMS)</li> <li>• Aero-Meteorological Weather Observation System (AWOS)</li> </ul> <p><b>A.III.b.2</b></p> <ul style="list-style-type: none"> <li>• Satellite data acquired from MTSAT, NOAA/FY-ID, Feng Yun and MODIS</li> <li>• Images processed, pre-process level 1b to HDF &amp; other</li> <li>• Processed set data archived</li> <li>• Processed hourly satellite data uploaded to PAGASA website and to Weather Information Network for Media presentation</li> <li>• Lectures conducted to students/visitors</li> <li>• Weather information (weather forecast, warnings &amp; bulletins) disseminated</li> </ul>		3	3	100		
			58	58	100	
			6	6	100	
			1	1	100	
			24	24	100	
			17	17	100	
			88	88	100	
			2	2	100	
			2	2	100	
			150	155	>100	
			87	87	100	
			47	47	100	
			2	2	100	
			5,336	5,336	100	
			5,336	5,336	100	
		5,336	5,336	100		
		2,208	2,208	100		
		As need arises	4	-		
		3,822	3,822	100		



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<p><b>A.III.b.3</b></p> <ul style="list-style-type: none"> <li>• Number of radar observations conducted</li>   <li>• Number of radar stations operated &amp; maintained</li> </ul> <p><b>A.I.a.2</b> Number of stations with various weather observing instruments/equipment/facilities repaired, maintained and operated, including vehicles</p> <p><b>A.I.a.3</b> Civil works related to the construction/repair and rehabilitation of typhoon-damaged weather stations undertaken</p> <p align="center"><b>MFO 2</b> Hazard Mapping and Risk Assessment Services</p> <p align="center">P / A / Ps</p>	<p>1. No. of hazard maps generated/updated</p> <p>2. No. of clients</p> <ul style="list-style-type: none"> <li>- scientific data / information requests</li> <li>- income generated</li> </ul>	<p>552</p> <p>10</p> <p>25 stations / 5 vehicles</p> <p>Civil works related to the construction/ repair and rehabilitation of typhoon damaged weather stations undertaken</p>	<p>6,578</p> <p>9</p> <p>43 stations / 14 vehicles</p> <p>- Restoration of damage perimeter fence at WFFC compound.</p>	<p>&gt;100</p> <p>90</p> <p>&gt;100</p>	<p>Hourly observation during inclement weather</p> <p>Baler, Baguio, Subic, Tagaytay, Cebu, Hinatuan, Virac, Tampakan, Aparri</p>

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<p><b>A.III.a.2</b></p> <ul style="list-style-type: none"> <li>▪ Hydromet/hydrologic prediction &amp; frequency analysis &amp; other information provided (Rainfall Intensity Duration Frequency – RIDF)</li> <li>▪ Station-months of PABC &amp; Metro Manila real-time (telemetered) hydro data primary processed</li> <li>▪ Station-months of synoptic, hydromet and PABC short-duration hydro data primary processed</li> </ul> <p><b>A.III.b.1</b> Number of real-time weather observations conducted and reported:</p> <ul style="list-style-type: none"> <li>• Synoptic observations</li> <li>• Upper-air observations</li> <li>• Agromet observations</li> <li>• Aeronautical observations</li> </ul> <p><b>A.III.c.1</b> Number of basic and applied research/ studies conducted for application &amp; utilization in improving meteorological, hydrological &amp; space science activities</p> <p><b>A.III.c.3</b> Basic and operational researches/studies on tropical cyclones and other natural disaster-causing phenomena and comprehensive hazard/ vulnerability and risk assessment</p>		30	39 stations/sheets to 18 clients	>100	Income Generated: ₱ 15,600.00
		100	81	81	
		400	330	83	
		39,376	38,310	97	
		552	763	>100	
		4,600	4,436	96	
		20,790	25,407	>100	
		4	4	100	
		3	3	100	

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<p align="center"><b>MFO 3</b> Research and Development</p> <p align="center">P / A / Ps</p> <p><b>A.II.c.1</b> Number of scientific and technical programs/ conferences/meetings/ projects involved in</p> <p><b>A.II.c.2</b> Number of inter-agency/ regional/international/ seminars hosted/conducted/participated in</p> <p><b>A.III.a.2</b> Number of flood bulletins/advisories/ situationers and hydromet/hydrologic information prepared and issued:  <ul style="list-style-type: none"> <li>• Flood bulletin for the telemetered Pampanga, Agno, Bicol and Cagayan (PABC) river basins</li> <li>• General flood advisories for the non-telemetered river basins</li> </ul> </p>	<ol style="list-style-type: none"> <li>1. No. of R&amp;D projects implemented</li> <li>2. No. of technical papers prepared vis-à-vis published papers in Int'l. Science Institute (ISI) listed journals</li> <li>3. No. of Intellectual Property applied / approved</li> <li>4. No. of R&amp;D collaborative projects with international scientific organization</li> </ol>	<p align="center">5</p> <p align="center">5</p> <p align="center">54</p> <p align="center">30</p>	<p align="center">21</p> <p align="center">8</p> <p align="center">19</p> <p align="center">497</p>	<p align="center">&gt;100</p> <p align="center">&gt;100</p> <p align="center">35</p> <p align="center">&gt;100</p>	<p align="center"></p> <p align="center"></p> <p align="center"></p> <p align="center">CAR-8 Reg.I-8; Reg.II-6; Reg.III-27; NCR-0.; Reg.IVA-20; Reg.IVB-</p>

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<ul style="list-style-type: none"> <li>• Daily hydrological forecasts for PABC river basins during non-flood watch</li> </ul> <p><b>A.III.c.1</b> Number of basic and applied research/ studies conducted for application &amp; utilization in improving meteorological, hydrological &amp; space science activities</p> <p><b>A.III.c.3</b> Basic and operational researches/studies on tropical cyclones and other natural disaster-causing phenomena and comprehensive hazard/ vulnerability and risk assessment</p> <p><b>A.III.c.4</b> Researches/studies on climate and allied fields on Philippine Climatology, on the relationship of agricultural and meteorological parameters for the improvement of climatological services, and analysis of weather and climate situations for the formulation and issuance of farm-weather forecasts, advisories and warnings</p>		<p align="center">341</p> <p align="center">4</p> <p align="center">3</p> <p align="center">2</p>	<p align="center">557</p> <p align="center">4</p> <p align="center">3</p> <p align="center">6</p>	<p align="center">&gt;100</p> <p align="center">100</p> <p align="center">100</p> <p align="center">&gt;100</p>	<p>36; Reg.V-29; Reg.VI-26; Reg.VII-32; Reg.VIII-38; Reg.IX-41; Reg.X-41; Reg.XI-50; Reg.XII-32; Reg.XIII-55; ARMM-45; PRB-3</p>

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MFO 4 Disaster Preparedness, Risk Mitigation and Other Services            P/A/Ps   A.II.c.3 Number of seminars/ workshops and other disaster preparedness activities attended (as resource persons)	1. No. of clients served by of services - participants to IEC lectures - drills - visitors to hydromet/ climatological facilities - visitors to space science and planetarium facilities 2.No. of information packages developed / reproduced 3.No. of information packages disseminated 4.No. of training/seminars/ workshops/ conferences/ fora conducted for various stakeholders - demand-driven 5.No. of climatological hydro meteorological data/ astronomical publications info and weather certifications issued/disseminated and no. of met. instrument tested/ calibrated/ repaired	7	9	>100	

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<p><b>A.III.c.2</b> Number of lectures conducted and participants attending at Weather &amp; Flood Forecasting Center, PAGASA and resource persons provided information on natural hazards</p> <p>Special Tropical Cyclone Reconnaissance Information and Damage Evaluation (STRIDE)</p>		<p>Demand-driven</p> <ul style="list-style-type: none"> <li>• Investigation reports</li> <li>• Documented damages</li> <li>• On site disaster information in support to Forecasting Link with LGUs</li> <li>• Assistance to NDRRMC and other disaster concerned institution.</li> </ul>	<ul style="list-style-type: none"> <li>• Conducted lectures to 29,851 students &amp; teachers at WFFC</li> <li>• Conducted lectures on natural hazards and weather outlook to 1,895 participants at different occasions and venue</li> <li>• Briefer at NDRRMC OPCEN, Camp Aguinaldo, Quezon City during the passage of Ty Marce, Ty Nina, TS Ofel, Ty Pablo and TS Quinta</li> <li>• Conducted damage survey during the passage of TY Pablo at Davao City, Davao Oriental, Agusan del Sur, Butuan, Cagayan de Oro and Bukidnon on December 5-11.</li> </ul>	<p align="center">-</p>	
<p><b>A.III.a.2</b> Briefings to students/visitors on public information/ education drive on flood disaster and other related topic</p>		<p>Demand-driven</p>	<p align="center">239</p>	<p align="center">-</p>	
<p><b>A.II.a.1</b> No. of Climatological/Agroclimatic Data/ Information prepared, issued and disseminated:</p> <ul style="list-style-type: none"> <li>• Weather certifications</li> <li>• Monthly Agroclimatic Impact Assessment for Philippine Agriculture</li> </ul>		<p>As need arises</p> <p align="center">3</p>	<p align="center">127</p> <p>3 publications and 71 copies disseminated</p>	<p align="center">-</p> <p align="center">100</p>	<p>Income Generated: ₱ 135,300.00</p>

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<ul style="list-style-type: none"> <li>• Customized weather information and other publications</li> <li>• El Nino/La Nina updates/advisories or Weather Update/Climate Outlook</li> <li>• Meteorological/ Climatological/ Agromet data collected and quality controlled</li> <li>• Meteorological/Climatological/Agromet data entered, checked and edited</li> <li>• Records of solar radiation data extracted</li> </ul> <p>No. of Consultancy Services Extended:</p> <ul style="list-style-type: none"> <li>• Interviews granted to tri-media</li> </ul> <ul style="list-style-type: none"> <li>• Lectures/workshops conducted/attended</li> </ul> <ul style="list-style-type: none"> <li>• Climate forum</li> </ul> <ul style="list-style-type: none"> <li>• Researchers assisted</li> <li>• Court hearings attended</li> </ul> <p><b>A.III.a.5</b></p> <ul style="list-style-type: none"> <li>• Astronomical publications, information / Lunar and Solar certifications</li> </ul>		As need arises	85 sets of publications sold	-	Income Generated: ₱ 346,906.00	
		4		3 Weather Situation and Outlook issued and 204 copies disseminated		75
			3,258 pages	3,239 pages	99	
			199,911 records	211,158 records	>100	
			5,580	5,090	91	
			As requested	12	-	GMA 7, Solar News, PTV 4, ABS-CBN, Manila Bulletin, Radyo ng Bayan
			As need arises	<ul style="list-style-type: none"> <li>• 12 lectures with 2,336 participants</li> <li>• 12 TWG meetings attended with 516 participants</li> </ul>	-	
			1	<ul style="list-style-type: none"> <li>• 2 climate forum conducted with 143 participants</li> <li>• 2 Regional Climate Forum to 50 participants</li> </ul>	>100	
			As need arises	170 researchers/visitors	-	
			As requested	None	-	
		70	46 publications sold and 17 complimentary copies	66	Income Generated: ₱ 1,600.00	

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<ul style="list-style-type: none"> <li>• Dissemination of time of 24-hour telephone time checks to the general public</li> <li>• Dissemination of time signals to PAGASA Synoptic Stations</li> <li>• Viewers to stargazing &amp; telescoping sessions at U.P. Astronomical Observatory using the 45-cm telescope</li> <li>• Visitors to planetarium lectures &amp; shows and mobile planetarium shows on tour in Metro Manila and Luzon</li> <li>• Astronomical observations conducted: Sunspot, lunar occultation, meteor showers, lunar eclipses and other celestial body/object</li> <li>• Sunshine duration &amp; global radiation data</li> <li>• Number of assorted meteorological instruments calibrated for various clients</li> </ul> <p><b>A.III.b.1</b> Number of extension services:</p> <ul style="list-style-type: none"> <li>• Participants to lectures in DPP-IEC related trainings, seminars and workshops</li> <li>• Students/visitors at field stations lectured/ briefed on weather/natural disaster prevention/agency services</li> </ul>		2,250	2,057	91	
		50	68	>100	
		200	372 including 70 non-payee visitors accommodated on stargazing/telescoping sessions	>100	Including non-payee Income Generated: ₱ 6,900.00
		Upon request	8,718 persons accommodated including 543 non-payee	-	Income Generated: ₱ 7,500.00
		38	Astronomical observations conducted: ▪ 61 sunspots ▪ 11 lunar occultation ▪ 2 meteor shower (geminids)	>100	
		92	Observed global radiation data 92 days and sunshine duration data 92 days	100	
		Calibration of 40 assorted meteorological instrument for various customers and PAGASA	Repaired and calibrated 34 assorted meteorological instruments for various clients and 36 for PAGASA	85	Income Generated: ₱ 24,205.00
		Demand-driven	17,526	-	
		Demand-driven	27,101	-	



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<ul style="list-style-type: none"> <li>• Local/public weather forecasts &amp; warnings disseminated</li> <li>• Weather certifications</li> </ul> <p><b>P/A/Ps that is common to all MFOs</b></p> <p><b>A.I.a.1</b> Support services provided to the different organizational units of the agency</p> <p><b>A.I.a.4</b> Number of personnel receiving Magna Carta</p> <p><b>B. PROJECTS</b></p> <p><b>I. Locally-funded Projects</b></p> <p>a. Construction of Access Road (Guiuan)</p> <p>b. Renovation of Building (Guiuan)</p> <p>c. Establishment of Climate Data Center</p> <p><b>II. Foreign-assisted Projects</b></p> <p>a. Strengthening of Flood Forecasting and Warning System for Dam Operation (FFWSDO) - JICA Grant TCP</p>		30,000	38,176	>100	Income Generated: ₱ 455,762.00
	As need arises	409	-		
	100% support services provided	100% support services provided	100		
	Development of the Agency's Human Resources	Development of the Agency's Human Resources	100		
	--	--	-		
	--	--	-	<ul style="list-style-type: none"> <li>• Project completed.</li> <li>• Conducted the Final Seminar for the project on October 16.</li> </ul>	

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<p>b. Improvement of Flood Forecasting and Warning System for Magat Dam and Downstream Communities (FFWSDO) - NoRAD Grant</p> <p>c. Improvement of the Meteorological Radar System - JICA Radar</p> <p>d. Improvement of Capabilities to Cope with Natural Disasters Caused by Climate Change (JICS)</p>			<p>Submitted the final requirements of Technical Specifications for the purchase of equipment</p> <ul style="list-style-type: none"> <li>• Virac Radar               <ul style="list-style-type: none"> <li>- Inaugurated on May 4, 2012.</li> <li>- Operational as of April 2012.</li> </ul> </li> <li>• Aparri Radar               <ul style="list-style-type: none"> <li>- Operational as of November 2012</li> <li>- Final acceptance and hand-over is scheduled on January 2013.</li> </ul> </li> <li>• Guiuan Radar               <ul style="list-style-type: none"> <li>- On-going construction of radar building and procurement of equipment.</li> </ul> </li> <li>• Conducted site visit by PAGASA, Consultant, EoJ and reviewing budget of the project for bidding.</li> <li>• The documents are reviewed by the Ministry of Foreign Affairs (MOFA) in preparation for the bidding.</li> </ul>		

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e. Establishment of Early Warning and Response System for Disaster Mitigation in Metro Manila (Pasig-Marikina River Basin) KOICA			<ul style="list-style-type: none"> <li>• PAGASA have restored the PAGASA-MMDA link using microwave radio &amp; the data from MMDA-EFCOS system are available at HMD Operation Center.</li> <li>• The establishment of water level sensor gauge height &amp; warning assessment levels were done on October 1-11, 2012 and was applied to the present KOICA system set-up.</li> <li>• Three different siren sounds applied in public address system are available.</li> <li>• PAGASA is coming up with integrated monitoring network of existing and newly completed Flood Early Warning System for the Greater Metro Manila Area. Once the system is implemented, PAGASA in coordination with the LGU's and concerned government agencies will conduct intensive public information drive and flood drills.</li> </ul>		

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
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Prepared by:

  
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 Officer-in-Charge, PPDU

Approved by:

  
**NATHANIEL T. SERVANDO, Ph.D.**  
 Administrator  


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<p><b>A. PROGRAMS</b></p> <p><b>MFO 1</b> Forecast and warning services on weather, flood, climate, astronomy and extreme weather events</p> <p><b>P / A / Ps</b></p> <p><b>A.III.a.1</b> Number of weather information packages prepared and issued:</p> <ul style="list-style-type: none"> <li>▪ Public weather forecasts</li> <li>▪ Shipping forecasts</li> <li>▪ Tropical Cyclone</li> </ul> <ul style="list-style-type: none"> <li>- Advisories</li> <li>- International Warnings</li> <li>- Severe Weather Bulletin</li> <li>- Hourly updates</li> <li>▪ Aviation weather forecasts &amp; flight enroute documentations</li> </ul>	<p>1. No. of timely and accurate forecasts on weather, flood and climate</p> <p>2. No. of timely and accurate warnings on weather, flood and climate (as necessary)</p> <p>3. No. of astronomical services: No of clients served - No. of information of different astronomical events (near earth objects such as asteroids, meteorites, etc) issued</p>	<p>184</p> <p>184</p> <p>Whenever TC enters PAR</p> <p>10</p> <p>96</p> <p>110</p> <p>As need arises</p> <p>8,740</p>	<p>184</p> <p>184</p> <p>8</p> <p>28</p> <p>142</p> <p>130</p> <p>355</p> <p>4,692</p>	<p>100</p> <p>100</p> <p>-</p> <p>-</p> <p>&gt; 100</p> <p>&gt; 100</p> <p>-</p> <p>54</p>	<p>TS Enteng (July 16-17), TD Ferdie (July 20-21), Ty Gener (July 28-August 2), TS Helen (Aug.12-16), Ty Igme (Aug.19-28), Ty Julian (Aug. 23-26), Ty Karen (Sept. 11-15), Ty Lawin (Sept. 20-29)</p> <p>Automated use of World Area Forecast System (WAFS)</p>

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<ul style="list-style-type: none"> <li>▪ Gale Warning/Weather Advisories for extreme climate events</li> <li>▪ Forecasts/advisories/warnings/ bulletins disseminated to regular clients and other various clients</li> <li>▪ Special Forecast for Selected provinces (Mt. Pinatubo Lahar affected areas, Mt. Mayon and other selected areas)</li> <li>▪ Special weather forecasts for selected Asian cities/Philippine cities/municipalities</li> <li>▪ Weather maps plotted and analyzed</li> <li>▪ Incorporation of MSL pressure, wind charts, satellite picture in public and shipping weather forecasts</li> <li>▪ Public &amp; shipping weather forecasts and Asian and Philippine cities municipalities incorporated in PAGASA Website</li> <li>▪ Advisory/warning/bulletin incorporated in PAGASA Web page</li> </ul>		As need arises	96	-		
			76,360	180,690	> 100	
			92	92	100	
			92	92	100	
			5,152	5,152	100	
			368	1,671	> 100	
			368	368	100	
			209	396	-	
	<b>A.III.a.2</b>					
	Number of flood bulletins/advisories/ situationers and hydromet/hydrologic information prepared and issued:					
<ul style="list-style-type: none"> <li>▪ Flood bulletin for the telemetered Pampanga, Agno, Bicol and Cagayan (PABC) river basins</li> <li>▪ General flood advisories for the non-telemetered river basins</li> </ul>		50	111	> 100		
		50	920	> 100	CAR-60; Reg.I-72; Reg.II-51; Reg.III-74; NCR-24.; Reg.IVA-58; Reg.IVB-75; Reg.V-55; Reg.VI-58; Reg.VII-45; Reg.VIII-54; Reg.IX-38; Reg.X-54; Reg.XI-48; Reg.XII-46; Reg.XIII-50; ARMM-41; BRB-4; PRB-7, ARB-6	

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<ul style="list-style-type: none"> <li>▪ Daily hydrological forecasts for PABC river basins during non-flood watch</li> </ul> <p><b>A.III.a.3</b> Number of flood bulletins/warning information for Angat &amp; Pantabangan Dams Operations prepared and issued:</p> <ul style="list-style-type: none"> <li>▪ Flood bulletins/warning information</li> <li>▪ Station-days of Angat/Pantabangan dam operations real-time (telemetered) hydro data acquired</li> <li>▪ Station-months of Angat/Pantabangan dam operations real-time (telemetered) hydro data primary processed</li> </ul> <p><b>A.III.a.4</b> Number of flood bulletins/warning information for Binga/Ambuklao and Magat Dam Operations prepared and issued:</p> <ul style="list-style-type: none"> <li>▪ Flood bulletins/ warning information</li> <li>▪ Station-days of Binga/ Ambuklao &amp; Magat dam operations real-time (telemetered) hydro data acquired</li> <li>• Station-months of Binga/ Ambuklao &amp; Magat dam operations real-time (telemetered) hydro data primary processed</li> </ul> <p><b>A.II.a.1</b> No. of Farm Weather Forecasting and Advisory Services provided:</p> <ul style="list-style-type: none"> <li>▪ Daily Farm Weather Forecasts and Advisories (FWFA) issued</li> </ul>		<p align="center">368</p> <p align="center">2</p> <p align="center">300</p> <p align="center">15</p> <p align="center">3</p> <p align="center">300</p> <p align="center">15</p> <p align="center">92</p>	<p align="center">301</p> <p align="center">12</p> <p align="center">341</p> <p align="center">29.5</p> <p align="center">1</p> <p align="center">339</p> <p align="center">58</p> <p align="center">92 issued and 10,881 copies disseminated</p>	<p align="center">82</p> <p align="center">-</p> <p align="center">&gt; 100</p> <p align="center">&gt; 100</p> <p align="center">-</p> <p align="center">&gt; 100</p> <p align="center">&gt; 100</p> <p align="center">100</p>	<p align="center"></p> <p align="center"></p> <p align="center"></p> <p align="center"></p> <p align="center"></p> <p align="center"></p> <p align="center"></p> <p align="center">All issuances posted on the internet. E-mailed to client upon request only.</p>



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<ul style="list-style-type: none"> <li>▪ Tropical Cyclone Warnings and Advisories (TCWA) for Agriculture issued</li> <li>▪ Ten-day Regional Agri-weather Forecasts and Advisories</li> <li>▪ Ten-day Regional Agro-climatic Review and Outlook for Agriculture</li> </ul> <p>Number of Special Observations Gathered and Collected:</p> <ul style="list-style-type: none"> <li>▪ Ozone observations</li> </ul> <p>No. of Special Observation Stations Operated and Maintained:</p> <ul style="list-style-type: none"> <li>• Ozone monitoring station</li> <li>• VSS Station</li> </ul> <p><b>A.II.b</b></p> <p>Number of Technical In-house Training Courses conducted with number of participants</p> <p>Number of Non-Technical In-house Training Courses conducted with number of participants</p>		During occurrence of TC	31 TCWA issued to 2,106 recipients	-		
		9	9	9 issued and 810 copies disseminated Agri-weather updates aired live daily (except Sun) at DZRM radio.	100	Agri-weather updates aired live daily (except Sun) at DZRM radio.
		9	9	Non-issuance since it is already incorporated in the Ten-Day Agri-Weather Forecast and Advisories	100	Emailed to clients upon request.
			282	144 ozone observations conducted (cloudy skies) and 12 calibrations made	51	Less observation due to cloudy skies
			1	1	100	
			10	10	100	
			2 In-house Technical Training Courses conducted to 50 participants:	3 / 66	> 100	
		2 In-house Non-Technical Training Courses conducted to 50 participants:	3 / 68	> 100		

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
Number of scholarships granted/supported:		--	2 Full Scholars: M.S. in Meteorology Zin Mie Mie Sein (Myanmar); Kanda Durage Sujeewa (Sri Lanka) 1 Partial Scholar: M.S. in Agricultural Meteorology Bernadeth Lucillo		
Number of Local scholarships/fellowships with number of participants:		5 local / 7 participants	20 local / 26 participants	> 100	
Number of Foreign/ fellowships with number of participants		5 foreign / 7 participants	21 foreign / 32 local participants	> 100	
Number of Library users assisted		250	267	> 100	
<b>A.II.d</b>					
Number of hourly and/or 3-hourly Station-day of PABC real-time (telemetered) rainfall and water level data transmitted to Weather and Flood Forecasting Center (WFFC) and at River Centers for hydrologic (flood) forecasting		3,588 to WFFC	3,363 to WFFC	94	
		3,772 to River Centers	3,788 to River Centers	> 100	
<b>A.III.a.5</b>					
Number of astronomical data/information services provided:					
• 24-hour time check requests via telephone services		2,250	1,972	88	
• Dissemination of time signals to PAGASA Synoptic Stations		50	71	> 100	
• Press releases on different astronomical events and activities		3	3	100	

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<b>A.III.b.1</b> Number of observing stations operated and maintained: <ul style="list-style-type: none"> <li>• Surface synoptic stations</li> <li>• Upper air stations</li> <li>• Agromet Stations</li> <li>• Aeronautical stations</li> <li>• Climat/Rain stations</li> <li>• Automatic Weather Stations (AWS)</li> <li>• MTSDP Relay stations</li> <li>• Marine Buoy</li> <li>• Automatic rain Gauge (ARG)</li> <li>• Water Level Monitoring System (WLMS)</li> <li>• Aero Meteorological Weather Observation System (AWOS)</li> <li>• Wind Profiler</li> </ul>		58 6 24 16 88 155 2 2 87 47 2 1	58 6 24 16 88 155 2 2 87 47 2 1	100 100 100 100 100 100 100 100 100 100 100 100	
<b>A.III.b.2</b> <ul style="list-style-type: none"> <li>• Satellite data acquired from MTSAT, NOAA/FY-ID, Feng Yun and MODIS</li> <li>• Images processed, pre-process level 1b to HDF &amp; other</li> <li>• Processed set data archived</li> <li>• Weather information (weather forecast, warnings &amp; bulletins) disseminated</li> <li>• Processed hourly satellite data uploaded to PAGASA website and to Weather Information Network for Media presentation</li> <li>• Lectures conducted to students/visitors</li> <li>• Assists researchers in satellite data extraction and interpretation</li> </ul>		5,336 5,336 5,336 3,822 2,208  As need arises As need arises	5,336 5,336 5,336 3,822 2,208  6 2	100 100 100 100 100  - -	

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<p><b>A.III.b.3</b></p> <ul style="list-style-type: none"> <li>• Number of radar observations conducted</li> <li>• Number of radar stations operated &amp; maintained</li> </ul> <p><b>A.I.a.2</b> Number of stations with various weather observing instruments/equipment/facilities repaired, maintained and operated, including vehicles</p> <p><b>A.I.a.3</b> Civil works related to the construction/repair and rehabilitation of typhoon-damaged weather stations undertaken</p> <p align="center"><b>MFO 2</b></p> <p>Hazard Mapping and Risk Assessment Services</p> <p align="center"><b>P / A / Ps</b></p> <p><b>A.III.a.2</b></p> <ul style="list-style-type: none"> <li>▪ Hydromet/hydrologic prediction &amp; frequency analysis &amp; other information provided (Rainfall Intensity Duration Frequency – RIDF)</li> <li>▪ Station-months of PABC &amp; Metro Manila real-time (telemetered) hydro data primary processed)</li> </ul>	<p>1. No. of hazard maps generated/updated</p> <p>2. No. of clients</p> <ul style="list-style-type: none"> <li>- scientific data / information requests</li> <li>- income generated</li> </ul>	552	10,653	> 100	<p>Hourly observation during inclement weather.</p> <p>Aparri, Baler, Baguio, Subic, Tagaytay, Cebu, Hinatuan, Tampakan, Virac,</p>
		10	9	90	
		29 stations / 5 vehicles	55 stations / 18 vehicles	> 100	
		Civil works related to the construction/ repair and rehabilitation of typhoon damaged weather stations undertaken	Restoration of damaged perimeter fence at WFFC.	-	
		30	58 stations/sheets to 29 clients	> 100	
100	127	> 100	Income Generated: ₱ 23,200.00		

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<ul style="list-style-type: none"> <li>▪ Station-months of synoptic, hydromet and PABC short-duration hydro data primary processed</li> </ul> <p><b>A.III.b.1</b> Number of real-time weather observations conducted and reported:</p> <ul style="list-style-type: none"> <li>• Synoptic observations</li> <li>• Upper-air observations</li> <li>• Agromet observations</li> <li>• Aeronautical observations</li> </ul> <p><b>A.III.c.1</b> Number of basic and applied research/ studies conducted for application &amp; utilization in improving meteorological, hydrological &amp; space science activities</p> <p><b>A.III.c.3</b> Basic and operational researches/studies on tropical cyclones and other natural disaster-causing phenomena and comprehensive hazard/ vulnerability and risk assessment</p> <p align="center"><b>MFO 3</b> <b>Research and Development</b></p>		400	459	> 100	Intermittent signal at Calayan, Basco and Itbayat.
		39,376	38,147	97	
		552	654	> 100	
		4,600	4,444	97	
		20,790	24,961	> 100	
		4	4	100	
		3	3	100	
	<ol style="list-style-type: none"> <li>1. No. of R&amp;D projects implemented</li> <li>2. No. of technical papers prepared vis-à-vis published papers in Int'l. Science Institute (ISI) listed journals</li> <li>3. No. of Intellectual Property applied /</li> </ol>				

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<b>P / A / Ps</b>	approved				
<b>A.II.c.1</b> Number of scientific and technical programs/ conferences/meetings/ projects involved in	4. No. of R&D collaborative projects with international scientific organization	5	4	80	
<b>A.II.c.2</b> Number of inter-agency/ regional/international/ seminars hosted/conducted/participated in		5	14	> 100	
<b>A.III.a.2</b> Number of flood bulletins/advisories/ situationers and hydromet/hydrologic information prepared and issued:		50	111	> 100	
<ul style="list-style-type: none"> <li>• Flood bulletin for the telemetered Pampanga, Agno, Bicol and Cagayan (PABC) river basins</li> <li>• General flood advisories for the non-telemetered river basins</li> </ul>		50	920	> 100	
<ul style="list-style-type: none"> <li>• Daily hydrological forecasts for PABC river basins during non-flood watch</li> </ul>		343	301	88	
<b>A.III.c.1</b> Number of basic and applied research/ studies conducted for application & utilization in improving meteorological, hydrological & space science activities		4	4	100	

CAR-60; Reg.I-72; Reg.II-51;  
Reg.III-74; NCR-24.; Reg.IVA-58;  
Reg.IVB-75; Reg.V-55; Reg.VI-58;  
Reg.VII-45; Reg.VIII-54; Reg.IX-38;  
Reg.X-54; Reg.XI-48; Reg.XII-46;  
Reg.XIII-50; ARMM-41; BRB-4;  
PRB-7, ARB-6

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<b>A.III.c.3</b> Basic and operational researches/studies on tropical cyclones and other natural disaster-causing phenomena and comprehensive hazard/ vulnerability and risk assessment		2	3	> 100	
	<b>A.III.c.4</b> Researches/studies on climate and allied fields on Philippine Climatology, on the relationship of agricultural and meteorological parameters for the improvement of climatological services, and analysis of weather and climate situations for the formulation and issuance of farm-weather forecasts, advisories and warnings		2	6	> 100
<b>MFO 4</b> Disaster Preparedness, Risk Mitigation and Other Services	1. No. of clients served by of services - participants to IEC lectures - drills - visitors to hydromet/ climatological facilities - visitors to space science and planetarium facilities  2. No. of information packages developed / reproduced  3. No. of information packages disseminated  4. No. of training/seminars/ workshops/ conferences/ fora conducted for various stakeholders - demand-driven				

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<p align="center"><b>P / A / Ps</b></p> <p><b>A.II.c.3</b> Number of seminars/ workshops and other disaster preparedness activities attended (as resource persons)</p> <p><b>A.III.c.2</b> Number of lectures conducted and participants attending at Weather &amp; Flood Forecasting Center, PAGASA and resource persons provided information on natural hazards</p> <p>Special Tropical Cyclone Reconnaissance Information and Damage Evaluation (STRIDE)</p> <p><b>A.III.a.2</b> Briefings to students/visitors on public information/ education drive on flood disaster and other related topic</p>	<p>5. No. of climatological hydro meteorological data/ astronomical publications info and weather certifications issued/disseminated and no. of met. instrument tested/ calibrated/ repaired</p>	<p align="center">7</p> <p align="center">Demand-driven</p> <ul style="list-style-type: none"> <li>• Investigation reports</li> <li>• Documented damages</li> <li>• On site disaster information in support to Forecasting Link with LGUs</li> <li>• Assistance to NDRRMC and other disaster concerned institution.</li> </ul> <p align="center">Demand-driven</p>	<p align="center">9</p> <ul style="list-style-type: none"> <li>▪ Conducted lectures to 9,301 students &amp; teachers at WFFC.</li> <li>▪ Conducted lectures on natural hazards and weather outlook to 1,831 participants at different occasions and venue</li> <li>▪ Rendered duty at OCD at the NRDDMC Camp Aguinaldo during inclement weather.</li> <li>▪ Conducted flood survey due to Southwest Monsoon (Habagat) in Manila, Quezon City, Marikina, Pasig, Navotas, Valenzuela and Malabon.</li> </ul> <p align="center">444</p>	<p align="center">171</p> <p align="center">-</p> <p align="center">-</p> <p align="center">-</p>	



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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)	
<b>A.II.a.1</b> No. of Climatological/Agroclimatic Data/ Information prepared, issued and disseminated: <ul style="list-style-type: none"> <li>• Weather certifications</li> <li>• Monthly Agroclimatic Impact Assessment for Philippine Agriculture</li> <li>• Customized weather information and other publications</li> <li>• Weather Update/Climate Outlook/Advisories</li> <li>• Meteorological/ Climatological/ Agromet data collected and quality controlled</li> <li>• Meteorological/Climatological/Agromet data entered, checked and edited</li> </ul> No. of Consultancy Services Extended: <ul style="list-style-type: none"> <li>• Interviews granted to tri-media</li> <li>• Lectures/workshops conducted/attended</li> <li>• Climate forum</li> <li>• Researchers assisted</li> <li>• Court hearings attended</li> </ul> <b>A.III.a.5</b> <ul style="list-style-type: none"> <li>• Astronomical publications, information / Lunar and Solar certifications</li> </ul>		As need arises	205	-	Income Generated: ₱ 221,870.00 A copy is also posted in the internet. Income Generated: ₱ 388,185.00  GMA 7, TV 5, ABS-CBN 2, Solar News, DZMM, and UNTV)	
		3	3 publications and 72 copies disseminated	100		
		As need arises	104 sets of publication sold	-		
		4	3 Weather Situation and Outlook/3 Seasonal Climate Outlook issued and 204 copies disseminated	75		
		3,258 pages	3,277 pages	> 100		
		199,911 records	316,214 records	> 100		
		As requested	16	-		
		As need arises	<ul style="list-style-type: none"> <li>▪ 32 lectures to 1,968 participants</li> <li>▪ 19 TWG meetings attended with 451 participants</li> <li>▪ 2 climate for a to 128 participants</li> <li>▪ 1 Regional Climate Outlook Forum conducted at Cebu with 75 participants</li> </ul>	-		
		1		> 100		
		As need arises	447	-		
		As requested	No court hearings attended	-		
		70	59 publications sold and 126 complimentary copies disseminated	-		Income Generated: ₱ 1,320.00

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BAR No. 1

For the Quarter Ending September, 2012

**Department of Science and Technology (DOST)**

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<ul style="list-style-type: none"> <li>• Dissemination of time of 24-hour telephone time checks to the general public</li> <li>• Dissemination of time signals to PAGASA Synoptic Stations</li> <li>• Viewers to stargazing &amp; telescoping sessions at U.P. Astronomical Observatory using the 45-cm telescope</li>   <li>• Visitors to planetarium lectures &amp; shows and mobile planetarium shows on tour in Metro Manila and Luzon</li> <li>• Astronomical observations conducted: Sunspot, lunar occultation, meteor showers, lunar eclipses and other celestial body/object</li> <li>• Sunshine duration &amp; global radiation data</li>   <li>• Number of assorted meteorological instruments calibrated for various clients</li>   <li><b>A.III.b.1</b> Number of extension services:</li> <li>• Participants to lectures in DPP-IEC related trainings, seminars and workshops</li> <li>• Students/visitors at field stations lectured/briefed on weather/natural disaster prevention/agency services</li> <li>• Local/public weather forecasts &amp; warnings disseminated</li> <li>• Weather certifications</li> </ul>		2,250	1,972	88		
		50	71	> 100		
		0 (Rainy Season)	176 viewers from 6 schools accommodated on stargazing/telescoping sessions (including non-payee)	-		Income Generated: ₱ 2,450.00
		Upon request	5,768 students and visitors including non-payee	-		Income Generated: ₱ 3,000.00
		24	Astronomical observations: ▪ 24 sunspots	100		
		92	Observed global radiation data 92 days and sunshine duration data 92 days	100		
		Calibration of 40 assorted meteorological instrument for various customers and PAGASA	Repaired and calibrated 58 assorted meteorological instruments for various clients and 71 for PAGASA	75		Income Generated: ₱ 35,790.00 Additional 3 instruments of ASTI were calibrated for free.
		Demand-driven	17,475	-		
		Demand-driven	15,548	-		
		3,000	39,307	-		
	As need arises	428	-		Income Generated: ₱ 471,941.00	

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<b>PIA/Ps that is common to all MFOs</b>					
<b>A.I.a.1</b> Support services provided to the different organizational units of the agency		100% support services provided	100% support services provided	100	
<b>A.I.a.4</b> Number of personnel receiving Magna Carta		Development of the Agency's Human Resources	Development of the Agency's Human Resources	100	
<b>B. PROJECTS</b>					
<b>I. Locally-funded Projects</b>					
a. Construction of Access Road (Guiuan)			-		
b. Renovation of building (Guiuan)			-		
c. Establishment of Climate Databank Center			-		
<b>II. Foreign-assisted Projects</b>					
a. Strengthening of Flood Forecasting and Warning System for Dam Operation (FFWSDO) (JICA Grant TCP)		Strengthen the capability of PAGASA, NPC and NIA on dam operation thru the conduct of different activities relative the project.	<ul style="list-style-type: none"> <li>• Conducted site survey on August 2012 relative to the inundation analysis downstream of Pantabangan and Angat dams due to T. Pedring last October 2011.</li> <li>• Conducted meetings with the C/Ps from NPC, NIA and MWSS.</li> </ul>		
b. Improvement of Flood Forecasting and Warning System for Magat Dam and Downstream Communities (FFWSDO) - NoRAD Grant		Address issues and concerns on the issuances of timely and accurate flood forecasts and warnings in the	<ul style="list-style-type: none"> <li>• Final draft of technical specifications was completed by the Norwegian Water Resources and Energy Directorate (NVE) as</li> </ul>		

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<p>c. Improvement of Meteorological Radar System - JICA Grant</p> <p>d. Improvement of Capabilities to Cope with Natural Disasters Caused by Climate Change (JICS)</p> <p>d. Establishment of Early Warning and Response System for Disaster Mitigation in Metro Manila (Pasig-Marikina River Basin) KOICA</p>		<p>Cagayan River Basin and the effective operation of the Magat Dam spillway for the safety of the communities in the downstream area.</p> <p>1. Renovation of old structure for observer's quarter and construction of new building/tower at Virac (2010-2011), Aparri (2011-2012), and Guiuan (2012-2013).</p> <p>2. Removal and transfer of equipment and acquisition and operation of new Doppler radar at Virac (2010-2011), Aparri (2011-2012), and Guiuan (2012-2013).</p> <p>3. VSAT connectivity at Virac (2011), Guiuan (2012), and Guiuan (2013).</p> <p>The project proposal has been submitted to the Department of Finance and forwarded to Embassy of Japan for review.</p> <p>KOICA design team has visited the study area for the installation of monitoring equipment and facilities.</p>	<p>the consultancy arm of the project. Copies were for forwarded to PAGASA and NIA for review.</p> <p>Procurement &amp; manufacturing of equipment in Aparri is 100% complete while installation of equipment is 92% complete; Handling over is on November 2012</p> <p>• Draft of Project Preparation Stage was submitted to Crown Agents in Japan for review.</p> <p>• The documents are reviewed by the Ministry of Foreign Affairs (MOFA) in preparation for the bidding.</p> <p>• Three different siren sounds applied in public address system are available.</p> <p>• PAGASA have restored the PAGASA –MMDA link using</p>		

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			microwave radio & the data from MMDA-EFCOS system are available at HMD Operation Center.		

Prepared by:

  
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 Officer-in-Charge, PPDU

Approved by:

  
**NATHANIEL T. SERVANDO**  
 Administrator

**For the Quarter Ending  
June**

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<b>A. PROGRAMS</b>					
<b>MFO 1</b>					
Forecast and warning services on weather, flood, climate, astronomy and extreme weather events	1. No. of timely and accurate forecasts on weather, flood and climate 2. No. of timely and accurate warnings on weather, flood and climate (as necessary) 3. No. of astronomical services: No of clients served - No. of information of different astronomical events (near earth objects such as asteroids, meteorites, etc) issued				
<b>P / A / Ps</b>					
<b>A.III.a.1</b>					
Number of weather information packages prepared and issued:					
<ul style="list-style-type: none"> <li>▪ Public weather forecasts</li> <li>▪ Shipping forecasts</li> <li>▪ Tropical Cyclone</li> </ul>		182 182 Whenever TC enters PAR	182 182 4	100 100 -	
<ul style="list-style-type: none"> <li>- Advisories</li> <li>- International Warnings</li> <li>- Severe Weather Bulletin</li> <li>- Hourly updates</li> </ul>		As need arises 43 35 As need arises	31 51 44 24	- 119 126 -	TD Ambo (May 31-June 5), Ty Butchoy (June 14-18), TS Carina (June 20), TS Dindo (June 26-29)
<ul style="list-style-type: none"> <li>▪ Aviation weather forecasts &amp; flight enroute documentations</li> <li>▪ Gale Warning/Weather Advisories for extreme climate events</li> </ul>		8,645 As need arises	4,641 54	54 -	Automated use of World Area Forecast System (WAFS)

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)	
<ul style="list-style-type: none"> <li>▪ Forecasts/advisories/warnings/ bulletins disseminated to regular clients and other various clients</li> <li>▪ Special Forecast for Selected provinces (Mt. Pinatubo Lahar affected areas, Mt. Mayon and other selected areas)</li> <li>▪ Special weather forecasts for selected Asian cities/Philippine cities/municipalities</li> <li>▪ Weather maps plotted and analyzed</li> <li>▪ Incorporation of MSL pressure, wind charts, satellite picture in public and shipping weather forecasts</li> <li>▪ Public &amp; shipping weather forecasts and Asian and Philippine cities municipalities incorporated in PAGASA Website</li>   <li>▪ Advisory/warning/bulletin incorporated in PAGASA Web page</li> </ul> <p><b>A.III.a.2</b> Number of flood bulletins/advisories/ situationers and hydromet/hydrologic information prepared and issued:</p> <ul style="list-style-type: none"> <li>▪ Flood bulletin for the telemetered Pampanga, Agno, Bicol and Cagayan (PABC) river basins</li> <li>▪ General flood advisories for the non-telemetered river basins</li>   <li>▪ Daily hydrological forecasts for PABC river basins during non-flood watch</li> </ul>		As need arises	125,184	-		
			91	91	100	
			91	91	100	
			5,096	5,096	100	
			364	364	100	
			1,670	1,670	100	
			97	129	-	
			10	14	140	Pampanga-8; Agno-2; Bicol-4; Cagayan-0
			20	722	3,610	CAR-52 Reg.I-51; Reg.II-34; Reg.III-47; NCR-14; Reg.IVA-31; Reg.IVB-41; Reg.V-35; Reg.VI-39; Reg.VII-34; Reg.VIII-43; Reg.IX-47; Reg.X-49; Reg.XI-57; Reg.XII-50; Reg.XIII-49; ARMM-47; CRB-5
			364	590	162	



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<b>A.III.a.3</b>					
Number of flood bulletins/warning information for Angat & Pantabangan Dams Operations prepared and issued:					
▪ Flood bulletins/warning information		0	0	-	
▪ Station-days of Angat/Pantabangan dam operations real-time (telemetered) hydro data acquired		300	330	110	
▪ Station-months of Angat/Pantabangan dam operations real-time (telemetered) hydro data primary processed		15	19.5	130	
<b>A.III.a.4</b>					
Number of flood bulletins/warning information for Binga/Ambuklao and Magat Dam Operations prepared and issued:					
▪ Flood bulletins/ warning information		0	3	-	
▪ Station-days of Binga/ Ambuklao & Magat dam operations real-time (telemetered) hydro data acquired		300	304	101	
• Station-months of Binga/ Ambuklao & Magat dam operations real-time (telemetered) hydro data primary processed		15	51	340	
<b>A.II.a.1</b>					
No. of Farm Weather Forecasting and Advisory Services provided:					
▪ Daily Farm Weather Forecasts and Advisories (FWFA) issued		91	91	100	All issuances were posted in the internet
▪ Tropical Cyclone Warnings and Advisories (TCWA) for Agriculture issued		During occurrence of TC	9 TCWA issued to 936 recipients	-	
▪ Ten-day Regional Agri-weather Forecasts		9	9 issued and 270 copies	100	Agri-weather updates aired live

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and Advisories			disseminated		daily (except Sun) at DZRM radio.
<ul style="list-style-type: none"> <li>▪ Ten-day Regional Agro-climatic Review and Outlook for Agriculture</li> </ul>		9	9	100	Emailed to clients upon request.
Number of Special Observations Gathered and Collected:					
<ul style="list-style-type: none"> <li>▪ Ozone observations</li> </ul>		282	196 observations conducted and 12 calibrations made	70	Less observation due to cloudy skies
No. of Special Observation Stations Operated and Maintained:					
<ul style="list-style-type: none"> <li>• Ozone monitoring station</li> </ul>		1	1	100	
<ul style="list-style-type: none"> <li>• VSS Station</li> </ul>		10	10	100	
<b>A.II.b</b>					
Number of Technical In-house Training Courses conducted with number of participants		2 In-house Technical Training Courses conducted to 60 participants:	7 / 205	100	
Number of Non-Technical In-house Training Courses conducted with number of participants		2 In-house Non-Technical Training Courses conducted to 50 participants:	8 / 190		
Number of scholarships granted/supported:		--	2 Full Scholars: M.S. in Meteorology	100	
			Zin Mie Mie Sein (Myanmar); Kanda Durage Sujeewa (Sri Lanka)		
			1 Partial Scholar: M.S. in Agricultural Meteorology		
			Bernadeth Lucillo		
Number of Local scholarships/fellowships with number of participants:		5 local / 6 participants	20 local / 50 participants	100	
Number of Foreign/ fellowships with number of participants		5 foreign / 6 participants	19 foreign / 28 local participants	100	

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
Number of Library users assisted		250	536	214	
<b>A.II.d</b>					
Number of hourly and/or 3-hourly Station-day of PABC real-time (telemetered) rainfall and water level data transmitted to Weather and Flood Forecasting Center (WFFC) and at River Centers for hydrologic (flood) forecasting		3,549 to WFFC 3,371 to River Centers	3,529 to WFFC 3,843 to River Centers	99 114	
<b>A.III.a.5</b>					
Number of astronomical data/information services provided:					
• 24-hour time check requests via telephone services		2,250	2,068	92	
• Dissemination of time signals to PAGASA Synoptic Stations		50	56	112	
• Press releases on different astronomical events and activities		3	3	100	
<b>A.III.b.1</b>					
Number of observing stations operated and maintained:					
• Surface synoptic stations		58	58	100	
• Upper air stations		6	6	100	
• Agromet Stations		25	25	100	
• Aeronautical stations		17	17	100	
• Climat/Rain stations		88	88	100	
• Automatic Weather Stations (AWS)		160	153	96	
• MTSDP Relay stations		2	2	100	
<b>A.III.b.2</b>					
• Satellite data acquired from MTSAT,		5,278	5,278	100	

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NOAA/FY-ID, Feng Yun and MODIS • Images processed, pre-process level 1b to HDF & other • Processed set data archived • Weather information (weather forecast, warnings & bulletins) disseminated • Processed hourly satellite data uploaded to PAGASA website and to Weather Information Network for Media presentation • Lectures conducted to students/visitors • Assists researchers in satellite data extraction and interpretation  <b>A.III.b.3</b> • Number of radar observations conducted  • Number of radar stations operated & maintained  <b>A.I.a.2</b> Number of stations with various weather observing instruments/equipment/facilities repaired, maintained and operated, including vehicles  <b>A.I.a.3</b> Civil works related to the construction/repair and rehabilitation of typhoon-damaged weather stations undertaken  <b>MFO 2</b> Hazard Mapping and Risk Assessment Services		5,278	5,278	100	
		5,278	5,278	100	
		3,822	3,822	100	
		2,184	2,208	100	
			As need arises	32	-
			As need arises	8	-
			546	13,403	2,455
		10	7	70	
		34 stations / 5 vehicles	44 stations / 12 vehicles	129 / 240	
			Civil works related to the construction/ repair and rehabilitation of typhoon damaged weather stations undertaken	Conducted boring test in preparation for the construction of new radar building at Iloilo	-
	1. No. of hazard maps generated/updated 2. No. of clients				

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<b>P / A / Ps</b>	- scientific data / information requests - income generated				
<b>A.III.a.2</b>					
<ul style="list-style-type: none"> <li>▪ Hydromet/hydrologic prediction &amp; frequency analysis &amp; other information provided (Rainfall Intensity Duration Frequency – RIDF)</li> <li>▪ Station-months of PABC &amp; Metro Manila real-time (telemetered) hydro data primary processed)</li> <li>▪ Station-months of synoptic, hydromet and PABC short-duration hydro data primary processed</li> </ul>		30	19 stations/sheets to 13 clients	43	Income Generated: ₱ 7,600.00
		100	102	102	
		400	731	183	
<b>A.III.b.1</b>					
Number of real-time weather observations conducted and reported:					
<ul style="list-style-type: none"> <li>• Synoptic observations</li> <li>• Upper-air observations</li> <li>• Agromet observations</li> <li>• Aeronautical observations</li> </ul>		38,948	37,529	96	Intermittent signal at Calayan, Basco and Itbayat. Puerto Princesa Upper-air Station conducted twice a day observation on April.
		546	774	142	
		4,550	4,324	95	
		20,790	25,133	121	
<b>A.III.c.1</b>					
Number of basic and applied research/ studies conducted for application & utilization in improving meteorological, hydrological & space science activities		4	4	100	

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<p><b>A.III.c.3</b> Basic and operational researches/studies on tropical cyclones and other natural disaster-causing phenomena and comprehensive hazard/ vulnerability and risk assessment</p> <p align="center"><b>MFO 3</b></p> <p><b>Research and Development</b></p> <p align="center"><b>P / A / Ps</b></p> <p><b>A.II.c.1</b> Number of scientific and technical programs/ conferences/meetings/ projects involved in</p> <p><b>A.II.c.2</b> Number of inter-agency/ regional/international seminars hosted/conducted/participated in</p> <p><b>A.III.a.2</b> Number of flood bulletins/advisories/ situationers and hydromet/hydrologic information prepared and issued: • Flood bulletin for the telemetered Pampanga, Agno, Bicol and Cagayan</p>	<p>1. No. of R&amp;D projects implemented</p> <p>2. No. of technical papers prepared vis-à-vis published papers in Int'l. Science Institute (ISI) listed journals</p> <p>3. No. of Intellectual Property applied / approved</p> <p>4. No. of R&amp;D collaborative projects with international scientific organization</p>	<p>3</p> <p>5</p> <p>5</p> <p>6</p>	<p>3</p> <p>7</p> <p>11</p> <p>14</p>	<p>75</p> <p>140</p> <p>220</p> <p>233</p>	<p></p> <p></p> <p></p> <p>Pampanga-8; Agno-2; Bicol-4; Cagayan-0</p>

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<p>(PABC) river basins</p> <ul style="list-style-type: none"> <li>General flood advisories for the non-telemetered river basins</li> <li>Daily hydrological forecasts for PABC river basins during non-flood watch</li> </ul> <p><b>A.III.c.1</b> Number of basic and applied research/ studies conducted for application &amp; utilization in improving meteorological, hydrological &amp; space science activities</p> <p><b>A.III.c.3</b> Basic and operational researches/studies on tropical cyclones and other natural disaster-causing phenomena and comprehensive hazard/ vulnerability and risk assessment</p> <p><b>A.III.c.4</b> Researches/studies on climate and allied fields on Philippine Climatology, on the relationship of agricultural and meteorological parameters for the improvement of climatological services, and analysis of weather and climate situations for the formulation and issuance of farm-weather forecasts, advisories and warnings</p> <p align="center"><b>MFO 4</b></p> <p>Disaster Preparedness, Risk Mitigation and</p>		20	722	3,610	<p>CAR-52 Reg.I-51; Reg.II-34; Reg.III-47; NCR-14; Reg.IVA-31; Reg.IVB-41; Reg.V-35; Reg.VI-39; Reg.VII-34; Reg.VIII-43; Reg.IX-47; Reg.X-49; Reg.XI-57; Reg.XII-50; Reg.XIII-49; ARMM-47; CRB-5</p>
		364	590	162	
		4	4	100	
		3	3	100	
		1	1	100	

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Other Services	1. No. of clients served by of services - participants to IEC lectures - drills - visitors to hydromet/ climatological facilities - visitors to space science and planetarium facilities 2. No. of information packages developed / reproduced 3. No. of information packages disseminated 4. No. of training/seminars/ workshops/ conferences/ fora conducted for various stakeholders - demand-driven 5. No. of climatological hydro meteorological data/ astronomical publications info and weather certifications issued/disseminated and no. of met. instrument tested/ calibrated/ repaired				
<b>P / A / Ps</b>					
<b>A.II.c.3</b> Number of seminars/ workshops and other disaster preparedness activities attended (as resource persons)		7	12	171	
<b>A.III.c.2</b> Number of lectures conducted and participants attending at Weather & Flood Forecasting Center, PAGASA and resource		Demand-driven	<ul style="list-style-type: none"> <li>▪ Conducted lectures to 188 students &amp; teachers at WFFC.</li> <li>▪ Conducted lectures on natural</li> </ul>	-	



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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)	
persons provided information on natural hazards  Special Tropical Cyclone Reconnaissance Information and Damage Evaluation (STRIDE)  <b>A.III.a.2</b> Briefings to students/visitors on public information/ education drive on flood disaster and other related topic  <b>A.II.a.1</b> No. of Climatological/Agroclimatic Data/ Information prepared, issued and disseminated: <ul style="list-style-type: none"> <li>• Weather certifications</li> <li>• Monthly Agroclimatic Impact Assessment for Philippine Agriculture</li> <li>• Customized weather information and other publications</li> <li>• Weather Update/Climate Outlook/Advisories</li> <li>• Meteorological/ Climatological/ Agromet</li> </ul>		<ul style="list-style-type: none"> <li>• Investigation reports</li> <li>• Documented damages</li> <li>• On site disaster information in support to Forecasting Link with LGUs</li> <li>• Assistance to NDRRMC and other disaster concerned institution.</li> </ul>	hazards and weather outlook to 1,914 participants at different occasions and venue  Rendered duty at OCD at the NRDDMC Camp Aguinaldo during the passage of TD Ambo, Ty Butchoy and TS Dindo	-		
		Demand-driven	214		-	
		As need arises	53		60	Income Generated: ₱ 56,600.00
		3		3 publications and 69 copies disseminated	100	
		As need arises		115 sets of publications sold	-	Income Generated: ₱ 748,479.00
	4		1 La Niña Advisories, 2 Weather Situation and Outlook, 1 Seasonal Climate Outlook (Jan-June 2012) issued and 244 copies	100		
		3,258 pages	3,829 pages	118		

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For the Quarter Ending June, 2012

**Department of Science and Technology (DOST)**

**Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)**

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
data collected and quality controlled • Meteorological/Climatological/Agromet data entered, checked and edited  No. of Consultancy Services Extended: • Interviews granted to tri-media  • Lectures/workshops conducted/attended • Climate forum • Researchers assisted • Court hearings attended  <b>A.III.a.5</b> • Astronomical publications, information / Lunar and Solar certifications • Dissemination of time of 24-hour telephone time checks to the general public • Dissemination of time signals to PAGASA Synoptic Stations • Viewers to stargazing & telescoping sessions at U.P. Astronomical Observatory using the 45-cm telescope  • Visitors to planetarium lectures & shows and mobile planetarium shows on tour in Metro Manila and Luzon • Astronomical observations conducted: Sunspot, lunar occultation, meteor showers, lunar eclipses and other celestial body/object		199,911 records	199,794 records	99	
		As requested	8	-	Channel 5, Radyo ng Bayan, PIA, Kapisanan ng mga Brodkaster ng Pilipinas, DZMM, ABS-CBN
		As need arises	68 lectures to 4,770 participants	-	
		1	2 climate forum to 167 participants	200	
		As need arises	195	-	
		As requested	No court hearings attended	-	
		As need arises	19 publications sold and 98 complimentary copies disseminated	-	Income Generated: ₱ 680.00
		2,250	2,068	92	
		50	51	102	
		Upon request	257 viewers from 6 schools accomodated on stargazing/telescoping sessions (including non-payee)	-	Income Generated: ₱ 650.00
	Upon request	163 students and science teachers in 5 schools Free: 1 group	-	Income Generated: ₱ 3,550.00	
	30	Astronomical observations: ▪ 60 sunspots ▪ 8 lunar occultation ▪ 1 meteor shower with 8 obsns	237		

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<ul style="list-style-type: none"> <li>• Sunshine duration &amp; global radiation data</li>   <li>• Number of assorted meteorological instruments calibrated for various clients</li>   <li><b>A.III.b.1</b> Number of extension services:</li> <ul style="list-style-type: none"> <li>• Participants to lectures in DPP-IEC related trainings, seminars and workshops</li> <li>• Students/visitors at field stations lectured/ briefed on weather/natural disaster prevention/agency services</li> <li>• Local/public weather forecasts &amp; warnings disseminated</li> <li>• Weather certifications</li> </ul>   <li align="center"><b>P/A/Ps that is common to all MFOs</b></li>   <li><b>A.I.a.1</b> Support services provided to the different organizational units of the agency</li>   <li><b>A.I.a.4</b> Number of personnel receiving Magna Carta</li> </ul>		91	<ul style="list-style-type: none"> <li>▪ 1 Partial lunar eclipse</li> <li>▪ Observed the Transit of Venus</li> </ul> Observed global radiation data 91 days and sunshine duration data 91 days	100	Income Generated: ₱ 63,430.00 Additional 31 instruments of ASTI were calibrated for free.
		Calibration of 40 assorted meteorological instrument for various customers and PAGASA	Repaired and calibrated 100 assorted meteorological instruments for 35 various clients and 72 for PAGASA	250	
		Demand-driven	18,538	-	
		Demand-driven	7,975	-	
		As need arises	24,358	-	
As need arises	321	-	Income Generated: ₱ 334,595.00		
		100% support services provided	100% support services provided	100	
		Development of the Agency's Human Resources	Development of the Agency's Human Resources	100	

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<b>B. PROJECTS</b>					
<b>I. Locally-funded Projects</b>					
a. Construction of Access Road (Guiuan)			-		
b. Renovation of building (Guiuan)			-		
c. Establishment of Climate Databank Center			-		
<b>II. Foreign-assisted Projects</b>					
a. Strengthening of Flood Forecasting and Warning System for Dam Operation (FFWSDO) (JICA Grant TCP)			<ul style="list-style-type: none"> <li>• Programming work and tuning of parameters are on-going but will be completed by August 2012.</li> <li>• Flood run-off and inundation simulation model in Pampanga river basin were developed.</li> <li>• Inventory system was improved; Comprehensive action plans of equipment O&amp;M (Operation and Maintenance Manual for FFWS Equipment) was formulated and implemented.</li> <li>• Utilization status of water gauges in the six (6) dams is 100% operational as of May 2012.</li> </ul>		
b. Improvement of Flood Forecasting and Warning System for Magat Dam and Downstream Communities (FFWSDO) - NoRAD Grant			<ul style="list-style-type: none"> <li>• Field Survey by NIA, PAGASA, and NVE technical personnel on April 29 to May 6, 2012 to finalize site locations of water level and rainfall</li> </ul>		

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<p>c. Improvement of Meteorological Radar System - JICA Grant</p> <p>d. Improvement of Capabilities to Cope with Natural Disasters Caused by Climate Change (JICS)</p> <p>d. Establishment of Early Warning and Response System for Disaster Mitigation in Metro Manila (Pasig-</p>			<p>stations along the Cagayan River and at the upstream areas of Magat Dam.</p> <ul style="list-style-type: none"> <li>• Preparation of the technical specifications of the appropriate water level and rainfall equipment by NVE representatives for open bidding.</li> <li>• Virac and WFFC are operational on April 2012.</li> <li>• Procurement &amp; manufacturing of equipment in Aparri is 87% complete as of April 2012; Installation of equipment will start on June 2012.</li> <li>• In Guiuan, procurement and manufacturing of equipment will start on June 2012 to be installed starting April 2013.</li> <li>• Review on Technical Specification is on the first week of June - July 2012.</li> <li>• Final report on preparation stage is finished.</li> <li>• Assistance to employer in contract negotiation is from mid-August to mid-September 2012.</li> <li>• PAGASA will restore the PAGASA -MMDA-OCD link using microwave</li> </ul>		

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
Marikina River Basin) KOICA			radio targeted o be completed by the end of August 2012. • Measurement of discharge to develop rating curves at water level stations, survey of cross sections, establishment of water level sensor gauge height & warning assessment to utilize early warning system component in coordination with the MMDA to be conducted within the next two months. • Three different siren sounds applied in public address system are available. • PAGASA is coming up with integrated monitoring network of existing and newly completed FEWS for the GMMA to be completed by late August or early September 2012.		

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 Administrator

**For the Quarter Ending  
March**

QUARTERLY PHYSICAL REPORT OF OPERATION

For the Quarter Ending March, 2012

BAR No. 1

Department of Science and Technology (DOST)

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<p><b>A. PROGRAMS</b></p> <p><b>MFO 1</b> Forecast and warning services on weather, flood, climate, astronomy and extreme weather events</p> <p><b>P / A / Ps</b></p> <p><b>A.III.a.1</b> Number of weather information packages prepared and issued:</p> <ul style="list-style-type: none"> <li>▪ Public weather forecasts</li> <li>▪ Shipping forecasts</li> <li>▪ Tropical Cyclone                             <ul style="list-style-type: none"> <li>- Advisories</li> <li>- International Warnings</li> <li>- Severe Weather Bulletin</li> <li>- Hourly updates</li> </ul> </li> <li>▪ Aviation weather forecasts &amp; flight enroute documentations</li> </ul>	<p>1. No. of timely and accurate forecasts on weather, flood and climate</p> <p>2. No. of timely and accurate warnings on weather, flood and climate (as necessary)</p> <p>3. No. of astronomical services: No of clients served - No. of information of different astronomical events (near earth objects such as asteroids, meteorites, etc) issued</p>	<p>182</p> <p>182</p> <p>Whenever TC enters PAR</p> <p>As need arises</p> <p>10</p> <p>8</p> <p>As need arises</p> <p>8,645</p>	<p>182</p> <p>182</p> <p>No TC entered the PAR</p> <p>57</p> <p>0</p> <p>0</p> <p>72</p> <p>4,641 Aviation weather forecasts &amp; flight enroute documentations</p>	<p>100</p> <p>100</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>54</p>	<p>Remarks: Automated use of World Area Forecast System (WAFS)</p>



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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<ul style="list-style-type: none"> <li>▪ Gale Warning/Weather Advisories for extreme climate events</li> <li>▪ Forecasts/advisories/warnings/bulletins disseminated to regular clients and other various clients</li> <li>▪ Special Forecast for Selected provinces (Mt. Pinatubo Lahar affected areas, Mt. Mayon and other selected areas)</li> <li>▪ Special weather forecasts for selected Asian cities/Philippine cities/municipalities</li> <li>▪ Weather maps plotted and analyzed</li> <li>▪ Incorporation of MSL pressure, wind charts, satellite picture in public and shipping weather forecasts</li> <li>▪ Public &amp; shipping weather forecasts and Asian and Philippine cities municipalities incorporated in PAGASA Website</li> <li>▪ Advisory/warning/bulletin incorporated in PAGASA Web page</li> </ul>		As need arises	97	-	
		As need arises	59,577	-	
		91	91	100	
		91	91	100	
		5,096	5,096	100	
		364	364	100	
		1,620	1,620	100	
		As need arises	154	-	
		6	10	167	
		20	502 advisories		
<b>A.III.a.2</b>					
Number of flood bulletins/advisories/situationers and hydromet/hydrologic information prepared and issued:					
<ul style="list-style-type: none"> <li>▪ Flood bulletin for the telemetered Pampanga, Agno, Bicol and Cagayan (PABC) river basins</li> <li>▪ General flood advisories for the non-telemetered river basins</li> </ul>					

Pampanga-0; Agno-0; Bicol-10; Cagayan-0

CAR-0; Reg.I-4; Reg.II-6; Reg.III-16; NCR-0; Reg.IVA-34; Reg.IVB-31; Reg.V-61; Reg.VI-28; Reg.VII-33; Reg.VIII-61; Reg.IX-39; Reg.X-33;

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<ul style="list-style-type: none"> <li>▪ Daily hydrological forecasts for PABC river basins during non-flood watch</li> </ul> <p><b>A.III.a.3</b> Number of flood bulletins/warning information for Angat &amp; Pantabangan Dams Operations prepared and issued:</p> <ul style="list-style-type: none"> <li>▪ Flood bulletins/warning information</li> <li>▪ Station-days of Angat/Pantabangan dam operations real-time (telemetered) hydro data acquired</li> <li>▪ Station-months of Angat/Pantabangan dam operations real-time (telemetered) hydro data primary processed</li> </ul> <p><b>A.III.a.4</b> Number of flood bulletins/warning information for Binga/Ambuklao and Magat Dam Operations prepared and issued:</p> <ul style="list-style-type: none"> <li>▪ Flood bulletins/ warning information</li> <li>▪ Station-days of Binga/ Ambuklao &amp; Magat dam operations real-time (telemetered) hydro data acquired</li> <li>• Station-months of Binga/ Ambuklao &amp; Magat dam operations real-time (telemetered) hydro data primary processed</li> </ul> <p><b>A.II.a.1</b> No. of Farm Weather Forecasting and Advisory Services provided:</p>		364	347	95	Reg.XI-60; Reg.XII-41; Reg.XIII-28; & ARMM-27
		0	0	-	
		300	334	111	
		15	27.2	181	
		0	0	-	
		300	497	166	
		15	57.7	385	

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
▪ Daily Farm Weather Forecasts and Advisories (FWFA) issued		91	91	100	All issuances were posted in the internet
▪ Tropical Cyclone Warnings and Advisories (TCWA) for Agriculture issued		<i>Issued whenever TC threatens PAR</i>	No Tropical Cyclone Occurred	-	
▪ Ten-day Regional Agri-weather Forecasts and Advisories		9	9 issued and 270 copies disseminated	100	Agri-weather updates aired live daily (except Sun) at DZRM radio.
▪ Ten-day Regional Agro-climatic Review and Outlook for Agriculture		9	9	100	Emailed to clients upon request.
Number of Special Observations Gathered and Collected: ▪ Ozone observations		282	198 observations conducted and 12 calibrations made	70	Less observation due to cloudy skies
No. of Special Observation Stations Operated and Maintained: • Ozone monitoring station • VSS Station		1 10	1 10	100 100	
<b>A.II.b</b> Number of Technical In-house Training Courses conducted with number of participants		3 In-house Technical Training Courses conducted to 60 participants:	3 / 94	100	
Number of Non-Technical In-house Training Courses conducted with number of participants		--	--		
Number of scholarships granted/supported:		--	2 Full Scholars: M.S. in Meteorology Zin Mie Mie Sein (Myanmar); Kanda Durage Sujeewa (Sri Lanka) 1 Partial Scholar:	100	

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
			- M.S. in Agricultural Meteorology Bernadeth Lucillo		
Number of Local scholarships/fellowships with number of participants:		5 local / 6 participants	41 local / 135 participants	820	
Number of Foreign/ fellowships with number of participants		5 foreign / 6 participants	21 foreign / 35 local participants	420	
Number of Library users assisted		250	582	233	
<b>A.II.d</b> Number of hourly and/or 3-hourly Station-day of PABC real-time (telemetered) rainfall and water level data transmitted to Weather and Flood Forecasting Center (WFFC) and at River Centers for hydrologic (flood) forecasting		3,550 to WFFC 3,825 to River Centers	4,269 to WFFC 4,479 to River Centers	120 117	
<b>A.III.a.5</b> Number of astronomical data/information services provided:					
• 24-hour time check requests via telephone services		2,250	2,116	94	
• Dissemination of time signals to PAGASA Synoptic Stations		50	65	130	
• Press releases on different astronomical events and activities		3	3	100	
<b>A.III.b.1</b> Number of observing stations operated and maintained:					
• Surface synoptic stations		58	58	100	

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<ul style="list-style-type: none"> <li>• Upper air stations</li> <li>• Agromet Stations</li> <li>• Aeronautical stations</li> <li>• Climat/Rain stations</li> <li>• Automatic Weather Stations (AWS)</li> <li>• MTSDP Relay stations</li> </ul>		6	6	100	
		25	25	100	
		17	17	100	
		88	88	100	
		40	40	100	
		2	2	100	
<b>A.III.b.2</b>					
<ul style="list-style-type: none"> <li>• Satellite data acquired from MTSAT, NOAA/FY-ID, Feng Yun and MODIS</li> </ul>		5,278	5,278	100	
<ul style="list-style-type: none"> <li>• Images processed, pre-process level 1b to HDF &amp; other</li> </ul>		5,278	5,278	100	
<ul style="list-style-type: none"> <li>• Processed set data archived</li> </ul>		5,278	5,278	100	
<ul style="list-style-type: none"> <li>• Weather information (weather forecast, warnings &amp; bulletins) disseminated</li> </ul>		3,822	3,822	100	
<ul style="list-style-type: none"> <li>• Processed hourly satellite data uploaded to PAGASA website and to Weather Information Network for Media presentation</li> </ul>		2,184	2,184	100	
<ul style="list-style-type: none"> <li>• Lectures conducted to students/visitors</li> </ul>		As need arises	-	-	
<ul style="list-style-type: none"> <li>• Assists researchers in satellite data extraction and interpretation</li> </ul>		As need arises	-	-	
<b>A.III.b.3</b>					
<ul style="list-style-type: none"> <li>• Number of radar observations conducted</li> </ul>		546	4,575	838	Hourly observation in Tagaytay and Subic station.
<ul style="list-style-type: none"> <li>• Number of radar stations operated &amp; maintained</li> </ul>		10	7	70	Baler, Aparri, Baguio, Subic, Tagaytay, Guiuan, Cebu
<b>A.I.a.2</b>					
Number of stations with various		30 stations / 5 vehicles	41 stations / 12 vehicles	137 / 240	

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<p>weather observing instruments/equipment/facilities repaired, maintained and operated, including vehicles</p> <p><b>A.I.a.3</b> Civil works related to the construction/repair and rehabilitation of typhoon-damaged weather stations undertaken</p> <p align="center"><b>MFO 2</b> Hazard Mapping and Risk Assessment Services</p> <p align="center"><b>P / A / Ps</b></p> <p><b>A.III.a.2</b></p> <ul style="list-style-type: none"> <li>▪ Hydromet/hydrologic prediction &amp; frequency analysis &amp; other information provided (Rainfall Intensity Duration Frequency – RIDF)</li> <li>▪ Station-months of PABC &amp; Metro Manila real-time (telemetered) hydro data primary processed)</li> <li>▪ Station-months of synoptic, hydromet and PABC short-duration hydro data primary processed</li> </ul> <p><b>A.III.b.1</b> Number of real-time weather observations conducted and reported:</p>	<p>1. No. of hazard maps generated/updated</p> <p>2. No. of clients</p> <ul style="list-style-type: none"> <li>- scientific data / information requests</li> <li>- income generated</li> </ul>	<p>Civil works related to the construction/ repair and rehabilitation of typhoon damaged weather stations undertaken</p> <p>30</p> <p>100</p> <p>300</p>	<p>Conducted inspection / estimation of damaged Zamboanga station and personnel quarter.</p> <p>29 stations/sheets to 22 clients</p> <p>109</p> <p>329</p>	<p align="center">-</p> <p align="right">145 <del>73</del></p> <p align="right">109</p> <p align="right">110</p>	<p align="right">Income Generated: ₱ 15,090.00</p>

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<ul style="list-style-type: none"> <li>• Synoptic observations</li>   <li>• Upper-air observations</li>   <li>• Agromet observations</li> <li>• Aeronautical observations</li>   <li><b>A.III.c.1</b> Number of basic and applied research/ studies conducted for application &amp; utilization in improving meteorological, hydrological &amp; space science activities</li>   <li><b>A.III.c.3</b> Basic and operational researches/studies on tropical cyclones and other natural disaster-causing phenomena and comprehensive hazard/ vulnerability and risk assessment</li>   <li align="center"><b>MFO 3</b></li> <li><b>Research and Development</b></li> </ul>	<ol style="list-style-type: none"> <li>1. No. of R&amp;D projects implemented</li> <li>2. No. of technical papers prepared vis-à-vis published papers in Int'l. Science Institute (ISI) listed journals</li> <li>3. No. of Intellectual Property applied / approved</li> </ol>	38,948	37,168	95	Intermittent signal at Calayan, Basco and Itbayat.
		546	840	154	
		4,550	4,338	95	
		20,790	25,281	122	
		4	4	100	
		4	3	75	

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Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<p align="center">P / A / Ps</p> <p><b>A.II.c.1</b> Number of scientific and technical programs/ conferences/meetings/ projects involved in</p> <p><b>A.II.c.2</b> Number of inter-agency/ regional/international/ seminars hosted/conducted/participated in</p> <p><b>A.III.a.2</b> Number of flood bulletins/advisories/ situationers and hydromet/hydrologic information prepared and issued:</p> <ul style="list-style-type: none"> <li>• Flood bulletin for the telemetered Pampanga, Agno, Bicol and Cagayan (PABC) river basins</li> <li>• General flood advisories for the non-telemetered river basins</li> <li>• Daily hydrological forecasts for</li> </ul>	<p>4. No. of R&amp;D collaborative projects with international scientific organization</p>	<p align="center">15</p> <p align="center">15</p> <p align="center">6</p> <p align="center">20</p> <p align="center">364</p>	<p align="center">2</p> <p align="center">18</p> <p align="center">10</p> <p align="center">502</p> <p align="center">347</p>	<p align="center">200</p> <p align="center">1,800</p> <p align="center">167</p> <p align="center">2,510</p> <p align="center">95</p>	<p>Pampanga-0; Agno-0; Bicol-10; Cagayan-0</p> <p>CAR-0; Reg.I-4; Reg.II-6; Reg.III-16; NCR-0; Reg.IVA-34; Reg.IVB-31; Reg.V-61; Reg.VI-28; Reg.VII-33; Reg.VIII-61; Reg.IX-39; Reg.X-33; Reg.XI-60; Reg.XII-41; Reg.XIII-28; &amp; ARMM-27</p>



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Department of Science and Technology (DOST)

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<p>PABC river basins during non-flood watch</p> <p><b>A.III.c.1</b> Number of basic and applied research/ studies conducted for application &amp; utilization in improving meteorological, hydrological &amp; space science activities</p> <p><b>A.III.c.3</b> Basic and operational researches/studies on tropical cyclones and other natural disaster-causing phenomena and comprehensive hazard/ vulnerability and risk assessment</p> <p><b>A.III.c.4</b> Researches/studies on climate and allied fields on Philippine Climatology, on the relationship of agricultural and meteorological parameters for the improvement of climatological services, and analysis of weather and climate situations for the formulation and issuance of farm-weather forecasts, advisories and warnings</p> <p><b>MFO 4</b> Disaster Preparedness, Risk Mitigation and Other Services</p>	<p>1. No. of clients served by of services</p> <ul style="list-style-type: none"> <li>- participants to IEC lectures</li> <li>- drills</li> <li>- visitors to hydromet/ climatological facilities</li> </ul>	<p>4</p> <p>4</p> <p>1 2</p>	<p>4</p> <p>3</p> <p>1</p>	<p>100</p> <p>75</p> <p>1</p>	



**QUARTERLY PHYSICAL REPORT OF OPERATION**

For the Quarter Ending March, 2012

Department of Science and Technology (DOST)

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
Special Tropical Cyclone Reconnaissance Information and Damage Evaluation (STRIDE)  A.III.a.2 Briefings to students/visitors on public information/ education drive on flood disaster and other related topic  A.II.a.1 No. of Climatological/Agroclimatic Data/ Information prepared, issued and disseminated: • Weather certifications  • Monthly Agroclimatic Impact Assessment for Philippine Agriculture • Customized weather information and other publications • Weather Update/Climate Outlook/Advisories  • Meteorological/ Climatological/ Agromet data collected and quality controlled • Meteorological/Climatological/Agromet data entered, checked and edited		<ul style="list-style-type: none"> <li>Investigation reports</li> <li>Documented damages</li> <li>On site disaster information in support to Forecasting Link with LGUs</li> <li>Assistance to NDRRMC and other disaster concerned institution.</li> </ul>	<ul style="list-style-type: none"> <li>Rendered duty at OCD during LPA on Jan. 4.</li> <li>Prepared the 2012 Special Order on the reconstitution of PAGASA STRIDE Team.</li> <li>Attended the preliminary and academic form of Balikatan 2012.</li> </ul>	-	
		As need arises <i>demand-driven</i>	428	-	
		100	60	60	Income Generated: ₱ 63,300.00
		3	3 publications and 234 copies disseminated	100	
		As need arises	108 sets of publications sold	-	Income Generated: ₱ 630,411.00
		3	3 La Niña Advisories, 1 Seasonal Climate Outlook (Jan-June 2012) issued and 314 copies disseminated	100	
		3,258 pages	3,637 pages	112	
199,911 records	206,620 records	103			

**QUARTERLY PHYSICAL REPORT OF OPERATION**

For the Quarter Ending March, 2012

Department of Science and Technology (DOST)

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
No. of Consultancy Services Extended: • Interviews granted to tri-media  • Lectures/workshops conducted/attended • Climate forum  • Researchers assisted • Court hearings attended  A.III.a.5 • Astronomical publications, information / Lunar and Solar certifications  • Dissemination of time of 24-hour telephone time checks to the general public • Dissemination of time signals to PAGASA Synoptic Stations • Celebration of National Astronomy Week 20-24 February 2011 - Accommodation of 100 students on stargazing & telescoping sessions at the PAGASA Observatory - Free Planetarium shows to 1,200 students and visitors		As need arises <i>As requested</i>	8	-	Channel 5, Radyo ng Bayan, PIA, Kapisanan ng Brodkaster ng Pilipinas, DZMM (Ted Failon), ABS-CBN (Bettina Magsaysay), Manila Times
	As need arises	81 with 5,967 participants	-		
	1	2 climate forum conducted with 120 participants	200		
	Upon request	414 researchers/visitors	-		
	As requested	2 court hearing attended at Makati RTC	-		
	As requested	215 publications sold and 140 complimentary copies disseminated / No lunar certification issued	-	Income Generated: ₱ 20,060.00	
	2,250	2,116	94		
50	65	130			
100	167	167			
1,200	771 students and visitors from 8 schools were accommodated for Planetarium shows	64			

**QUARTERLY PHYSICAL REPORT OF OPERATION**

For the Quarter Ending March, 2012

Department of Science and Technology (DOST)

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<ul style="list-style-type: none"> <li>- Free planetarium on tour package for 2 schools in Luzon</li> <li>• Viewers to stargazing &amp; telescoping sessions at U.P. Astronomical Observatory using the 45-cm telescope</li> <li>• Visitors to planetarium lectures &amp; shows and mobile planetarium shows on tour in Metro Manila and Luzon</li> <li>• Astronomical observations conducted: Sunspot, lunar occultation, meteor showers, lunar eclipses and other celestial body/object</li> <li>• Sunshine duration &amp; global radiation data</li> <li>• Number of assorted meteorological instruments calibrated for various clients</li> </ul> <p><b>A.III.b.1</b> Number of extension services:</p> <ul style="list-style-type: none"> <li>• Participants to lectures in DPP-IEC related trainings, seminars and workshops</li> <li>• <u>Students/visitors at field stations lectured/ briefed on weather/natural disaster prevention/agency</u></li> </ul>		Upon request	including 107 walk-in visitors from 6 schools		
		Upon request	1,178 students and visitors from 2 schools	-	Income Generated: ₱ 16,525.00
		Upon request	953 visitors in 6 schools accommodated <i>(including non-payee)</i>	-	Income Generated: ₱ 116,650.00
		Astronomical observations: ▪ 60 sunspots ▪ 20 lunar occultation ▪ 1 meteor showers ▪ 1 eclipse	Astronomical observations: ▪ 48 sunspots ▪ 2 lunar occultation ▪ 1 meteor shower with 8 observations ▪ No eclipse	62	
		91	Observed global radiation data 91 days and sunshine duration data 91 days	100	
		Calibration of 40 assorted meteorological instrument for various customers and PAGASA	Repaired and calibrated 63 assorted meteorological instruments for 31 various clients and 44 for PAGASA	158	Income Generated: ₱ 34,800.00
		Demand-driven	14,881	-	
Demand-driven	20,844	-			

QUARTERLY PHYSICAL REPORT OF OPERATIONS  
For the Quarter Ending March, 2012

Department of Science and Technology (DOST)  
Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
services • Local/public weather forecasts & warnings disseminated • Weather certifications		As need arises / 20,000  As need arises	29,334  336	-  -	Income Generated: ₱ 386,913.00
<b>P/A/Ps that is common to all MFOs</b>					
<b>A.I.a.1</b> Support services provided to the different organizational units of the agency		100% support services provided	100% support services provided	100	
<b>A.I.a.4</b> Number of personnel receiving Magna Carta		Development of the Agency's Human Resources	Development of the Agency's Human Resources	100	
<b>B. PROJECTS</b>					
<b>I. Locally-funded Projects</b>					
a. Construction of Access Road (Guiuan)			-		
b. Renovation of building (Guiuan)			-		
c. Establishment of Climate Databank Center			-		
<b>II. Foreign-assisted Projects</b>					
a. Improvement of Flood Forecasting and Warning System for Magat Dam and			• Workshop of the Project's Technical Working Group		



**QUARTERLY PHYSICAL REPORT OF OPERATIONS**  
For the Quarter Ending March, 2012

Department of Science and Technology (DOST)  
Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
<p>c. Improvement of Capabilities to Cope with Natural Disasters Caused by Climate Change (JICS)</p> <p>d. Establishment of Early Warning and Response System for Disaster Mitigation in Metro Manila (Pasig-Marikina River Basin) KOICA</p>			<ul style="list-style-type: none"> <li>• On design &amp; review proper, Civil &amp; Structural works to start on the second week of April 2012; Antenna &amp; Tower Design will commence by the end of March 2012 while Telemetry &amp; Telecommunication System will be running until May 2012.</li> <li>• Project costing to start on first week of April 2012.</li> <li>• Review of Technical Specification by the end of June 2012.</li>   <li>• Completed/Turnover on May 28, 2012</li>   <li>• Installed four (4) Automatic Weather Stations (AWS) in strategic locations over Pasig-Marikina River Basins, seven (7) rain gauges, ten (10) water level gauges, twenty (20) warning posts.</li> <li>• Established six (6) disaster risk reduction (DRR) monitoring stations at six (6) localities in Metro Manila (Rodriguez, San Mateo, Pasig, Cainta, OCD-NDRMMC &amp; PAGASA-DIC).</li> </ul>	-	



**QUARTERLY PHYSICAL REPORT OF OPERATION**

For the Quarter Ending March, 2012

Department of Science and Technology (DOST)

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Program / Activity / Project (1)	Performance Measures (2)	Physical Target (3)	Accomplishment (4)	Variance (%) (5)	Remarks (6)
			<ul style="list-style-type: none"> <li>Conducted Human Resource Development with four (4) foreign trainings (Korea) &amp; four (4) local trainings.</li> </ul>		

Prepared by:

*Nancy T. Lance*  
**NANCY T. LANCE**  
 Officer-in-Charge, PPDU

quarterly report of operations\_1<sup>st</sup> qtr  
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 renpc  
 April 2012

Approved by:

*Nathaniel T. Servando*  
**NATHANIEL T. SERVANDO**  
 Administrator

# **Statement of Allotment / Obligations and Balances**

STATEMENT OF ALLOTMENT/OBLIGATIONS AND BALANCES  
 As of December 31, 2012

Particulars	Code	Allotment Released	Obligations Incurred	Unobligated Balance/Remarks of Allotment
<b>CURRENT YEAR BUDGET</b>				
<b>A. PROGRAMS AND ACTIVITIES</b>				
<b>Personal Services</b>	<b>100</b>	<b>281,723,666.22</b>	<b>281,723,666.22</b>	<b>-</b>
Salaries and Wages	701/703	188,891,858.58	188,891,858.58	-
Representation and Transportation Allowance	713/714	1,135,919.13	1,135,919.13	-
Bonuses and Incentives	724/725	20,034,000.00	20,034,000.00	-
Other Benefits:				
- P E R A	711	20,423,489.83	20,423,489.83	-
- Uniform Allowance	715	3,424,000.00	3,424,000.00	-
- Productivity	717	1,712,000.00	1,712,000.00	-
- Step Increment/Other Personnel Benefits	749	486,981.22	486,981.22	-
- PAGIBIG Contributions	732	945,507.81	945,507.81	-
- Medicare Premiums	733	2,338,289.10	2,338,289.10	-
- Employees Compensation Insurance Premium	734	917,954.33	917,954.33	-
- Magna Carta for Science & Technology Personnel	716	16,383,000.00	16,383,000.00	-
- Night Differential	749	5,239,000.00	5,239,000.00	-
- Collective Negotiation Agreement(CNA) Incentive (Realigned from MOOE)	749	19,791,666.22	19,791,666.22	-
<b>Maintenance &amp; Other Operating Expenses</b>	<b>200</b>	<b>333,050,498.78</b>	<b>247,874,147.09</b>	<b>85,176,351.69</b>
Travelling Expenses		21,215,606.34	20,062,379.52	1,153,226.82
Local	751		17,701,653.54	
Foreign	752		2,360,725.98	
Communication Services		19,658,389.10	14,320,142.53	5,338,246.57
Postage and Deliveries	771		384,621.60	
Telephone Expenses - landline	772		3,765,464.20	
Telephone Expenses - mobile	773		1,776,661.67	
Internet Expenses	774		6,843,895.06	
Cable, Satellite, Telegraph & Radio	775		1,549,500.00	
Repair & Maintenance of Gov't. Facilities		31,870,866.71	25,023,882.51	6,846,984.20
Buildings Maintenance	811		6,732,191.21	
Other Structure Maintenance	815		10,822,511.11	
Office Equipment Maintenance	821		931,324.00	
Furniture, Fixtures Maintenance	822		3,500.00	
IT Equipment Maintenance	823		2,212,823.00	
Tel/Cable/Radio Equipment Maintenance	829		3,579,268.39	
Technical & Scientific Equipment Maintenance	836		637,564.80	
Other Machineries Maintenance	840		104,700.00	
Repair & Maintenance of Gov't. Vehicles		4,907,929.73	1,766,414.49	3,141,515.24
Motor Vehicles Maintenance	841		1,766,414.49	
Transportation Services		2,729,000.00	429,080.87	2,299,919.13
Postage and Deliveries	784		429,080.87	
Supplies and Materials		157,600,338.04	118,629,006.42	38,971,331.62
Office Supplies Expenses	755		26,514,757.61	
Accountable Forms	756		10,000.00	
Drugs/Medicine	759		1,172.50	
Med/Dental/Lab	760		4,200.00	
Other Supplies Expenses	765		85,780,108.62	
Gasoline, Oil and Lubricants Expenses	761		6,318,767.69	
Rents		3,618,952.66	1,441,163.59	2,177,789.07
Rent Expenses	782		1,441,163.59	
Subsidies				
Subsidies Expense	871			
Water, Illumination and Power Service		28,638,728.42	28,637,104.22	1,624.20
Water	766		1,921,091.00	
Electricity	767		26,716,013.22	
Training and Seminar Expenses		7,938,705.23	6,871,025.65	1,067,679.58
Training and Seminar Expenses	753		5,748,215.15	
Scholarship Expenses	754		1,122,810.50	
Extraordinary/Contingency/Emergency Expenses		201,276.00	201,276.00	-
Representation Expenses	783		201,276.00	

STATEMENT OF ALLOTMENT/OBLIGATIONS AND BALANCES  
 As of December 31, 2012

Particulars	Code	Allotment Released	Obligations Incurred	Unobligated Balance/Remarks of Allotment
Fidelity Bond and Insurance Premium		1,684,290.67	388,829.27	1,295,461.40
Fidelity Bond Premiums	892		148,345.02	
Insurance Expenses	893		240,484.25	
Other Services		52,986,415.88	30,103,842.02	22,882,573.86
Membership dues/contributions	778		26,000.00	
Advertisements	780		223,909.40	
Printing and Binding	781		791,720.00	
Storage	785		45,235.39	
Subscription	786		216,481.75	
Legal Services	791		50.00	
Auditing Services	792		143,319.13	
Janitorial Services	796		6,713,578.80	
Security Services	797		10,265,222.27	
Other Professional Services	799		515,750.00	
Other MOOE	989		11,162,575.28	
Capital Outlay	300	<b>402,190,000.00</b>	<b>108,999,722.29</b>	<b>293,190,277.71</b>
Equipment			108,999,722.29	
<b>B. PROJECTS</b>				
<b>I. Locally-Funded Projects</b>	300	<b>11,626,000.00</b>	<b>7,499,999.10</b>	<b>4,126,000.90</b>
a. Construction of Access Road (Guiuan)		2,982,000.00	-	2,982,000.00
b. Renovation of Building (Guiuan)		1,144,000.00	-	1,144,000.00
c. Establishment of Climate Databank Center		7,500,000.00	7,499,999.10	0.90
<b>Total Current Year Budget</b>		<b>1,028,590,165.00</b>	<b>646,097,534.70</b>	<b>382,492,630.30</b>
<b>Less 20% - Section 6.1.3 of Budget Circular No. 2006-1 dated February 01.2006</b>		-	<b>17,035,270.34</b>	<b>(17,035,270.34)</b>
<b>Grand Total Current Year Budget</b>		<b>1,028,590,165.00</b>	<b>663,132,805.04</b>	<b>365,457,359.96</b>
Retirement and Life Insurance Premium (RLIP)	100	<b>22,690,000.00</b>	<b>22,690,000.00</b>	-
<b>SPECIAL PURPOSE FUNDS</b>				
Pension and Gratuity Fund (PGF)				
- Terminal Leave Benefits	100	<b>10,385,867.00</b>	<b>10,385,861.90</b>	<b>5.10</b>
Miscellaneous Personnel Benefits Fund (MPBF)				
Salary Adjustment 3rd Tranche per E.O. No. 40 (SARO# BMB-E-12-0010234 dated June 14, 2012)	100	<b>19,074,000.00</b>	<b>19,074,000.00</b>	-
- Salaries and Wages		17,531,000.00	17,531,000.00	-
- YEB		1,461,000.00	1,461,000.00	-
- PHIC		78,000.00	78,000.00	-
- ECIP		4,000.00	4,000.00	-
Salary Adjustment 4th Tranche per E.O. No. 76 (SARO# BMB-E-12-0024981 dated October 30, 2012)	100	<b>12,223,000.00</b>	<b>12,223,000.00</b>	-
- Salaries and Wages		10,627,000.00	10,627,000.00	-
- YEB		1,518,000.00	1,518,000.00	-
- PHIC		78,000.00	78,000.00	-

STATEMENT OF ALLOTMENT/OBLIGATIONS AND BALANCES  
 As of December 31, 2012

Particulars	Code	Allotment Released	Obligations Incurred	Unobligated Balance/Remarks of Allotment
Additional Uniform/Clothing Allowance (SARO# BMB-E-12-0014921 dated July 30, 2012)	100	848,000.00	759,000.00	89,000.00
Productivity Enhancement Incentive(PEI) (SARO# BMB-E-12-0032860 dated Dec. 17, 2012)	100	4,295,000.00	3,947,250.00	347,750.00
FY 2012 General Appropriations Act, RA 10155				
Payment of Magna Carta (MC) Benefits pursuant to R.A. 8439 per realigned from MOOE (SARO# BMB-E-12-0016997 dated August 17, 2012) (SARO# BMB-E-12-0034288 dated December 21,2012)	100	95,886,835.00	88,999,651.00	6,887,184.00
- Subsistence Allowance		27,768,584.00	22,877,875.00	4,890,709.00
- Laundry Allowance		4,115,000.00	4,115,000.00	-
- Hazard Pay		25,980,486.00	24,879,269.82	1,101,216.18
- Longevity Pay		38,022,765.00	37,127,506.18	895,258.82
Automatic Appropriations				
- Retirement and Life Insurance Premium (RLIP) (SARO# BMB-E-12-0002035 dated March 12, 2012) (SARO# BMB-E-12-0024983 dated Oct. 30, 2012)	100	3,379,000.00	2,358,381.17	1,020,618.83
		2,104,000.00	2,104,000.00	-
		1,275,000.00	254,381.17	1,020,618.83
- Customs , Duties and Taxes (SARO# BMB-E-12-0002034 dated March 12, 2012) (SARO# BMB-E-12-0013199 dated July 10, 2012) (SARO# BMB-E-12-0023638 dated October 12, 2012) (SARO# BMB-E-12-0033759 dated December 20, 2012)	200	32,457,806.00	32,457,806.00	-
		872,004.00	872,004.00	-
		707,152.00	707,152.00	-
		30,192,048.00	30,192,048.00	-
		686,602.00	686,602.00	-
<b>Total, Special Purpose Fund</b>		<b>178,549,508.00</b>	<b>170,204,950.07</b>	<b>8,344,557.93</b>
PRIOR YEAR'S BUDGET				
FY 2011 Budget RA 10147				
A. PROGRAMS AND ACTIVITIES				
MOOE	100	17,076,503.95	15,687,084.07	1,389,419.88
Travelling Expenses		692,709.46	504,363.16	188,346.30
Communication Expenses		810,805.63	676,181.56	134,624.07
Repair & Maintenance of Gov't. Facilities		11,163,071.73	10,732,625.72	430,446.01
Repair & Maintenance of Gov't. Vehicles		401,458.83	340,660.00	60,798.83
Transportation Expenses		28,739.96	1,300.00	27,439.96
Supplies and Materials		1,275,642.33	1,217,226.70	58,415.63
Rents		457,140.37	172,102.87	285,037.50
Water, Illumination and Power Service		900,326.37	821,084.18	79,242.19
Training and Seminar Expenses		37,724.31	-	37,724.31
Extraordinary/Contingency/Emergency Expenses		1,617.00	-	1,617.00
Gasoline, Oil and Lubricants		111,253.10	77,363.83	33,889.27
Fidelity Bond and Insurance Premium		778.90	-	778.90
Other Services		1,195,235.96	1,144,176.05	51,059.91
CAPITAL OUTLAY		195,680,779.43	195,399,315.22	281,464.21
Purchase of 11 units Motor Vehicles (Saro # E -12-00208 dated March 12, 2012) (Realignment from MOOE to CO)	300	12,000,000.00	11,821,084.00	178,916.00
Equipment Outlay	300	183,680,779.43	183,578,231.22	102,548.21

STATEMENT OF ALLOTMENT/OBLIGATIONS AND BALANCES  
 As of December 31, 2012

Particulars	Code	Allotment Released	Obligations Incurred	Unobligated Balance/Remarks of Allotment
CURRENT YEAR BUDGET				
B. PROJECTS				
II. Foreign - Assisted Projects	200	136,479,000.00	19,679,507.81	116,799,492.19
Peso Counterpart (VAT)				
a. Improvement of Flood Forecasting and Warning System for Magat Dam and Downstream Communities (NoRAD Grant)		17,832,000.00	-	17,832,000.00
b. Improvement of the Meteorological Radar System- JICA Radar		44,276,000.00	19,679,507.81	24,596,492.19
c. Improvement of Capabilities to Cope with Natural Disasters Caused by Climate Change (JICS)		41,251,000.00	-	41,251,000.00
d. Establishment of Early Warning & Response System for Disaster Mitigation in Metro Manila (Pasig - Marikina River Basin) KOICA		33,120,000.00	-	33,120,000.00
<b>GRAND TOTAL, PROJECTS</b>		<b>136,479,000.00</b>	<b>19,679,507.81</b>	<b>116,799,492.19</b>

Prepared by:

*Norma D.C. Moya*  
**NORMA D.C. MOYA**  
 Supervising Admin. Officer

Certified Correct:

*Lillibeth B. Gonzales*  
**LILLIBETH B. GONZALES**  
 Chief, Admin. Officer, FPMD

Approved:

*Nathaniel T. Servando*  
**NATHANIEL T. SERVANDO**  
 Administrator

# **Financial Report of Operations**

PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND  
ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)  
FINANCIAL REPORT OF OPERATIONS  
January to December 2012  
( Fund 101 )

Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>A. PROGRAMS</b>				
A.I.a.1 General Management and Supervision				
Personal Services (100)				
Salaries and Wages	701	113,442,839.80	113,442,839.80	0.00
PERA	711	11,341,415.24	11,341,415.24	0.00
Representation & Transportation Allowance	713/714	809,996.39	809,996.39	0.00
Uniform Allowance	715	1,904,000.00	1,904,000.00	0.00
Productivity	717	952,000.00	952,000.00	0.00
Bonuses and Incentives	724/725	11,843,000.00	11,843,000.00	0.00
PAGIBIG Contributions	732	485,505.14	485,505.14	0.00
Medicare Premiums	733	1,471,289.10	1,471,289.10	0.00
Employees Comp. Insurance Premium	734	460,954.33	460,954.33	0.00
Step Increment/Other Personnel Benefits	749	284,000.00	284,000.00	0.00
Night Differential Benefits	749	5,239,000.00	5,239,000.00	0.00
Collective Negotiation Agreement (CNA) Incentive (Realigned from MOOE)	749	19,791,666.22	19,791,666.22	0.00
Sub-Total		168,025,666.22	168,025,666.22	0.00
Maintenance & Other				
Operating Expenses (200)				
Travelling Expenses		1,126,757.62	1,126,757.62	0.00
Local	751		747,044.91	
Foreign	752		379,712.71	
Communication Services		2,647,234.80	821,505.01	1,825,729.79
Postage and Deliveries	771		245,220.00	
Telephone Expenses-Landline	772		199,946.26	
Telephone Expenses-Mobile	773		178,685.83	
Internet Expenses	774		197,652.92	
Repair & Maint. Of Gov't. Facilities		526,391.35	526,391.35	0.00
Building Maintenance	811		342,268.35	
Office Equipment Maintenance	821		8,837.00	
IT Equipment Maintenance	823		175,286.00	
Repair & Maint. Of Gov't. Vehicles		355,209.46	355,209.46	0.00
Motor Vehicles Maintenance	841		355,209.46	
Transportation Services		34,000.00	14,565.00	19,435.00
Transportation and Delivery	784		14,565.00	
Supplies and Materials		2,725,169.79	2,725,169.79	0.00
Office Supplies	755		1,860,372.50	
Accountable Forms	756		10,000.00	
Other supplies	765		777,863.91	
Gasoline, Oil and Lubricants Expenses	761		76,933.38	
Rents		646,734.45	630,520.80	16,213.65
Rent Expenses	782		630,520.80	
Water, Illumination and Power Service		1,860,000.00	1,860,000.00	0.00
Water	766		0.00	
Electricity	767		1,860,000.00	



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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
Training and Seminar Expenses		1,124,628.45	1,124,628.45	0.00
Training & Seminar Expense	753		1,124,628.45	
Extraordinary and Miscellaneous Expenses		181,276.00	181,276.00	0.00
Representation Expenses	783		181,276.00	
Fidelity Bond and Insurance Premium		248,791.28	159,289.54	89,501.74
Fidelity Bond/Insurance Premiums	892		87,000.00	
Insurance Premium	893		72,289.54	
Other Services		2,927,806.80	2,927,806.80	0.00
Membership Dues	778		10,000.00	
Advertising Expense	780		192,683.80	
Printing & Binding Services	781		175,135.80	
Subscription Expense	786		32,767.00	
Legal Services	791		50.00	
Auditing Services	792		143,319.13	
Janitorial Services	796		40,000.00	
Security Services	797		480,000.00	
Other MOOE	969		1,853,851.07	
Bank Charges, Cost of Checkbooklets	971		0.00	
<b>Sub-Total</b>		<b>14,404,000.00</b>	<b>12,453,119.82</b>	<b>1,950,880.18</b>

A.I.a.2 Engineering and Maintenance Services

Personal Services (100)

Salaries and Wages	701	13,041,018.78	13,041,018.78	0.00
PERA	711	1,478,790.59	1,478,790.59	0.00
Representation & Transportation Allowance	713/714	129,209.08	129,209.08	0.00
Uniform Allowance	715	252,000.00	252,000.00	0.00
Productivity	717	126,000.00	126,000.00	0.00
Bonuses and Incentives	724/725	1,403,000.00	1,403,000.00	0.00
PAGIBIG Contributions	732	76,000.33	76,000.33	0.00
Medicare Premiums	733	145,000.00	145,000.00	0.00
Employees Comp. Insurance Premium	734	76,000.00	76,000.00	0.00
Step Increment/Other Personnel Benefits	749	43,981.22	43,981.22	0.00
<b>Sub-Total</b>		<b>16,771,000.00</b>	<b>16,771,000.00</b>	<b>0.00</b>

Maintenance & Other

Operating Expenses (200)

Travelling Expenses		3,677,611.96	3,647,510.49	30,101.47
Local	751		3,647,510.49	
Communication Services		70,000.00	55,457.94	14,542.06
Postage and Deliveries	771		1,105.00	
Telephone Expenses-Landline	772		35,060.44	
Telephone Expenses-Mobile	773		19,292.50	

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>Repair &amp; Maint. Of Gov't. Facilities</b>		3,069,000.00	3,049,042.44	19,957.56
Building Maintenance	811		173,081.80	
Other Structures Maintenance	815		472,480.25	
Office Equipment Maintenance	821		364,662.00	
IT Equipment Maintenance	823		122,340.00	
Tel/Cable/Radio Equipment Maintenance	829		1,492,068.39	
Technical/Scientific Equipment Maintenance	836		378,810.00	
Other Machineries Maintenance	840		45,600.00	
<b>Repair &amp; Maint. Of Gov't. Vehicles</b>		595,000.00	593,165.50	1,834.50
Motor Vehicles Maintenance	841		593,165.50	
<b>Transportation Services</b>		35,000.00	1,160.00	33,840.00
Transportation and Delivery	784		1,160.00	
<b>Supplies and Materials</b>		5,151,436.72	5,151,436.72	0.00
Office Supplies	755		895,247.06	
Other supplies	765		3,442,419.66	
Gasoline, Oil and Lubricants Expenses	761		813,770.00	
<b>Rents</b>		141,422.11	115,732.99	25,689.12
Rent Expenses	782		115,732.99	
<b>Water, Illumination and Power Service</b>		1,544,000.00	1,544,000.00	0.00
Water	766		0.00	
Electricity	767		1,544,000.00	
<b>Training and Seminar Expenses</b>		151,000.00	73,600.00	77,400.00
Training and Seminar Expense	753		73,600.00	
<b>Fidelity Bond and Insurance Premium</b>		140,585.69	89,844.98	50,740.71
Fidelity Bond Premiums	892		21,857.52	
Insurance Premium	893		67,987.46	
<b>Other Services</b>		1,923,943.52	1,923,943.52	0.00
Printing & Binding Services	781		11,684.00	
Subscription Expense	786		3,653.75	
Janitorial Services	796		390,000.00	
Security Services	797		400,000.00	
Other Professional Services	799		140,750.00	
Other MOOE	969		977,855.77	
<b>Sub-Total</b>		<b>16,499,000.00</b>	<b>16,244,894.58</b>	<b>254,105.42</b>
<b>Capital Outlay (300)</b>		60,000,000.00	23,015,968.89	36,984,031.11
<b>Sub-Total</b>		<b>60,000,000.00</b>	<b>23,015,968.89</b>	<b>36,984,031.11</b>

**A.I.a.3 Construction/Repair/Rehab.  
of Typhoon Damaged Weather Stn.**

**Maintenance & Other  
Operating Expenses (200)**

<b>Travelling Expenses</b>		1,027,000.00	806,319.85	220,680.15
Local	751		806,319.85	
<b>Repair &amp; Maint. Of Gov't. Facilities</b>		557,000.00	61,980.00	495,020.00
Building Maintenance	811		0.00	
Other Structure Maintenance	815		0.00	
IT Equipment Maintenance	823		61,980.00	
<b>Supplies and Materials</b>		651,000.00	643,485.84	7,514.16
Office Supplies	755		99,056.00	
Other supplies	765		544,429.84	
<b>Sub-Total</b>		<b>2,235,000.00</b>	<b>1,511,785.69</b>	<b>723,214.31</b>

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>A.I.a.4 Magna Carta for Science and Technology Personnel</b>				
Subsistence & Laundry Allowance/ Hazard Pay/Longevity	716/721/722	16,383,000.00	16,383,000.00	0.00
Sub-Total		16,383,000.00	16,383,000.00	0.00
<b>Sub-Total, GASS</b>		<b>294,317,666.22</b>	<b>254,405,435.20</b>	<b>39,912,231.02</b>
<b>A.II.a.1 Meteorological Data Bank</b>				
Personal Services (100)				
Salaries and Wages	701	2,117,000.00	2,117,000.00	0.00
PERA	711	168,000.00	168,000.00	0.00
Representation & Transportation Allowance	713/714	96,000.00	96,000.00	0.00
Uniform Allowance	715	28,000.00	28,000.00	0.00
Productivity	717	14,000.00	14,000.00	0.00
Bonuses and Incentives	724/725	212,000.00	212,000.00	0.00
PAGIBIG Contributions	732	9,000.00	9,000.00	0.00
Medicare Premiums	733	21,000.00	21,000.00	0.00
Employees Comp. Insurance Premium	734	9,000.00	9,000.00	0.00
Step Increment/Other Personnel Benefits	749	6,000.00	6,000.00	0.00
Sub-Total		2,680,000.00	2,680,000.00	0.00
Maintenance & Other Operating Expenses (200)				
Travelling Expenses		771,000.00	525,387.45	245,612.55
Local	751		305,288.70	
Foreign	752		220,098.75	
Communication Services		240,000.00	18,328.00	221,672.00
Postage and Deliveries	771		280.00	
Telephone Expenses-Mobile	773		18,048.00	
Internet	774		0.00	
Repair & Maint. Of Gov't. Facilities		229,000.00	54,365.00	174,635.00
Building Maintenance	811		15,159.00	
Office Equipment Maintenance	821		39,206.00	
IT Equipment Maintenance	823		0.00	
Repair & Maint. Of Gov't. Vehicles		360,000.00	17,742.35	342,257.65
Motor Vehicles Maintenance	841		17,742.35	
Supplies and Materials		1,407,439.75	1,407,439.75	0.00
Office Supplies	755		864,591.87	
Other supplies	765		191,087.88	
Gasoline, Oil and Lubricants Expenses	761		351,760.00	
Water, Illumination and Power Service		173,000.00	173,000.00	0.00

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
Water	766		0.00	
Electricity	767		173,000.00	
<b>Training and Seminar Expenses</b>		<b>391,741.96</b>	<b>49,100.00</b>	<b>342,641.96</b>
Training and Seminar Expense	753		49,100.00	
Scholarship Expense	754		0.00	
<b>Fidelity Bond and Insurance Premium</b>		<b>50,000.00</b>	<b>0.00</b>	<b>50,000.00</b>
Fidelity Bond Premiums	892		0.00	
<b>Other Services</b>		<b>1,450,818.29</b>	<b>1,450,818.29</b>	<b>0.00</b>
Subscription Expense	786		7,069.75	
Janitorial Services	796		440,000.00	
Security Services	797		800,000.00	
Other MOOE	969		203,748.54	
<b>Sub-Total</b>		<b>5,073,000.00</b>	<b>3,696,180.84</b>	<b>1,376,819.16</b>
 <b>Capital Outlay (300)</b>		 <b>3,700,000.00</b>	 <b>3,428,100.00</b>	 <b>271,900.00</b>
<b>Sub-Total</b>		<b>3,700,000.00</b>	<b>3,428,100.00</b>	<b>271,900.00</b>
 <b>A.II.b Training Activities in Atmospheric Geophysical and Allied Sciences</b>				
<b>Personal Services (100)</b>				
Salaries and Wages	701	178,000.00	178,000.00	0.00
PERA	711	23,999.33	23,999.33	0.00
Uniform Allowance	715	4,000.00	4,000.00	0.00
Productivity	717	2,000.00	2,000.00	0.00
Bonuses and Incentives	724/725	20,000.00	20,000.00	0.00
PAGIBIG Contributions	732	2,000.67	2,000.67	0.00
Medicare Premiums	733	3,000.00	3,000.00	0.00
Employees Comp. Insurance Premium	734	2,000.00	2,000.00	0.00
Step Increment/Other Personnel Benefits	749	1,000.00	1,000.00	0.00
<b>Sub-Total</b>		<b>236,000.00</b>	<b>236,000.00</b>	<b>0.00</b>
 <b>Maintenance &amp; Other Operating Expenses (200)</b>				
Travelling Expenses		320,929.93	320,929.93	0.00
Local	751		299,921.80	
Foreign	752		21,008.13	
<b>Communication Services</b>		<b>4,000.00</b>	<b>0.00</b>	<b>4,000.00</b>
Postage and Deliveries	771		0.00	
Telephone Expenses-Landline	772		0.00	
Telephone Expenses-Mobile	773		0.00	
<b>Repair &amp; Maint. Of Gov't. Facilities</b>		<b>28,000.00</b>	<b>0.00</b>	<b>28,000.00</b>
Building Maintenance	811		0.00	
Office Equipment Maintenance	821		0.00	
<b>Repair &amp; Maint. Of Gov't. Vehicles</b>		<b>92,000.00</b>	<b>6,385.00</b>	<b>85,615.00</b>
Motor Vehicles Maintenance	841		6,385.00	

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
Supplies and Materials		129,920.62	34,169.00	95,751.62
Office Supplies	755		3,219.00	
Other supplies	765		30,950.00	
Water, Illumination and Power Service		616,000.00	616,000.00	0.00
Electricity	767		616,000.00	
Training and Seminar Expenses		1,487,078.20	1,464,756.50	22,321.70
Training and Seminar Expense	753		845,613.50	
Scholarship Expense	754		619,143.00	
Other Services		1,852,071.25	1,852,071.25	0.00
Subscription Expense	786		16,877.00	
Janitorial Services	796		440,000.00	
Security Services	797		960,000.00	
Other MOOE	969		435,194.25	
<b>Sub-Total</b>		<b>4,530,000.00</b>	<b>4,294,311.68</b>	<b>235,688.32</b>

**A.II.c.1 Conduct of and participation in  
scientific and technical conferences  
and meetings including membership in  
international and national scientific  
organizations**

Maintenance & Other Operating Expenses (200)				
Travelling Expenses		109,466.74	109,466.74	0.00
Local	751		90,466.74	
Foreign	752		19,000.00	
Repair & Maint. Of Govt. Vehicles		27,000.00	0.00	27,000.00
Motor Vehicles Maintenance	841		0.00	
Supplies and Materials		59,795.17	59,795.17	0.00
Office Supplies	755		59,795.17	
Other Services		1,230,738.09	1,193,728.64	37,009.45
Subscription Expense	786		12,101.00	
Janitorial Services	796		340,000.00	
Security Services	797		480,000.00	
Other MOOE	969		361,627.64	
<b>Sub-Total</b>		<b>1,427,000.00</b>	<b>1,362,990.55</b>	<b>64,009.45</b>

**A.II.c.2 Implementation of Phil. PAGASA  
participation in regional scientific  
experiments/studies and other  
interagency projects**

Maintenance & Other Operating Expenses (200)				
Travelling Expenses		556,682.02	556,682.02	0.00
Local	751		216,858.65	
Foreign	752		339,823.37	
Communication Services		67,000.00	0.00	67,000.00
Telephone Expenses-Landline	772		0.00	

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
Repair & Maint. Of Gov't. Facilities		242,123.00	242,123.00	0.00
Building Maintenance	811		14,123.00	
IT Equipment Maintenance	823		228,000.00	
Repair & Maint. Of Gov't. Vehicles		58,000.00	38,601.65	19,398.35
Motor Vehicles Maintenance	841		38,601.65	
Transportation Services		72,000.00	0.00	72,000.00
Transportation and Delivery	784		0.00	
Supplies and Materials		992,750.01	992,750.01	0.00
Office Supplies	755		594,980.56	
Drugs/Medicine	759		1,172.50	
Med./Dent./Lab.	760		4,200.00	
Other supplies	765		389,286.91	
Gasoline, Oil and Lubricants Expenses	761		3,110.04	
Rents		24,000.00	0.00	24,000.00
Rent Expenses	782		0.00	
Water, Illumination and Power Service		205,000.00	205,000.00	0.00
Water	766		0.00	
Electricity	767		205,000.00	
Training and Seminar Expenses		61,602.42	60,700.00	902.42
Training and Seminar Expense	753		60,700.00	
Other Services		185,842.55	140,814.14	45,028.41
Janitorial Services	796		0.00	
Security Services	797		0.00	
Other MOOE	969		140,814.14	
Sub-Total		2,465,000.00	2,236,670.82	228,329.18
<b>A.II.c.3 Participation in the Inter-agency Natural Preparedness Activities</b>				
Maintenance & Other Operating Expenses (200)				
Travelling Expenses		41,000.00	0.00	41,000.00
Local	751		0.00	
Communication Services		160,000.00	0.00	160,000.00
Telephone Expenses-Landline	772		0.00	
Supplies and Materials		33,000.00	2,108.25	30,891.75
Office Supplies	755		1,200.00	
Other supplies	765		908.25	
Water, Illumination and Power Service		157,000.00	157,000.00	0.00
Electricity	767		157,000.00	
Training and Seminar Expenses		116,000.00	93,146.50	22,853.50
Training and Seminar Expense	753		4,000.00	
Scholarship Expense	754		89,146.50	
Fidelity Bond and Insurance Premium		4,000.00	0.00	4,000.00
Insurance Premiums	893		0.00	
Other Services		50,000.00	0.00	50,000.00
Other MOOE	969		0.00	
Sub-Total		561,000.00	252,254.75	308,745.25

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
A.II.d Installation, Repair and Maintenance of Telemet. Multiplex System for Flood Forecasting				
Personal Services (100)				
Salaries and Wages	701	396,000.00	396,000.00	0.00
PERA	711	23,999.33	23,999.33	0.00
Uniform Allowance	715	4,000.00	4,000.00	0.00
Productivity	717	2,000.00	2,000.00	0.00
Bonuses and Incentives	724/725	38,000.00	38,000.00	0.00
PAGIBIG Contributions	732	2,000.67	2,000.67	0.00
Medicare Premiums	733	3,000.00	3,000.00	0.00
Employees Comp. Insurance Premium	734	2,000.00	2,000.00	0.00
Step Increment/Other Personnel Benefits	749	1,000.00	1,000.00	0.00
Sub-Total		472,000.00	472,000.00	0.00
Maintenance & Other Operating Expenses (200)				
Travelling Expenses		262,810.80	121,566.00	141,244.80
Local	751		121,566.00	
Communication Services		246,000.00	2,065.00	243,935.00
Postage and Deliveries	771		2,065.00	
Telephone Expenses-Landline	772		0.00	
Cable, Satellite, Telegraph, Radio	775		0.00	
Repair & Maint. Of Gov't. Facilities		46,000.00	40,733.00	5,267.00
Other Structure Maintenance	815		23,563.00	
Office Equipment Maintenance	821		11,080.00	
Furniture/Fixtures Equipment Maintenance	822		3,500.00	
IT Equipment Maintenance	823		2,290.00	
Other Machinerics	840		300.00	
Repair & Maint. Of Gov't. Vehicles		390,462.86	6,060.00	384,402.86
Motor Vehicles Maintenance	841		6,060.00	
Supplies and Materials		301,000.00	126,822.75	174,177.25
Office Supplies	755		40,914.00	
Other supplies	765		80,664.75	
Gasoline, Oil and Lubricants Expenses	761		5,244.00	
Rents		116,000.00	0.00	116,000.00
Rent Expenses	782		0.00	
Water, Illumination and Power Service		720,000.00	720,000.00	0.00
Electricity	767		720,000.00	
Fidelity Bond and Insurance Premium		100,000.00	0.00	100,000.00
Fidelity Bond Premiums	892		0.00	
Insurance Premium	893		0.00	
Other Services		178,726.34	178,726.34	0.00
Membership Dues	778		15,000.00	
Other MOOE	969		163,726.34	
Sub-Total		2,361,000.00	1,195,973.09	1,165,026.91
<b>Sub-Total, Support to Operations</b>		<b>23,505,000.00</b>	<b>19,854,481.73</b>	<b>3,650,518.27</b>

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
A.III.a.1 Typhoon warning & weather services, including the operation of meteorological communication and regional forecast centers and the provision of numerical prediction techniques and analysis				
Personal Services (100)				
Salaries and Wages	701	3,587,000.00	3,587,000.00	0.00
PERA	711	431,999.67	431,999.67	0.00
Uniform Allowance	715	72,000.00	72,000.00	0.00
Productivity	717	36,000.00	36,000.00	0.00
Bonuses and Incentives	724/725	389,000.00	389,000.00	0.00
PAGIBIG Contributions	732	22,000.33	22,000.33	0.00
Medicare Premiums	733	42,000.00	42,000.00	0.00
Employees Comp. Insurance Premium	734	22,000.00	22,000.00	0.00
Step Increment/Other Personnel Benefits	749	9,000.00	9,000.00	0.00
Sub-Total		4,611,000.00	4,611,000.00	0.00
Maintenance & Other Operating Expenses (200)				
Travelling Expenses		695,584.86	692,379.24	3,205.62
Local	751		168,110.56	
Foreign	752		524,268.68	
Communication Services		7,369,565.09	7,369,565.09	0.00
Telephone Expenses-Landline	772		1,832,680.29	
Telephone Expenses-Mobile	773		242,850.00	
Internet Expense	774		3,744,534.80	
Cable/Satellite/Radio	775		1,549,500.00	
Repair & Maint. Of Gov't. Facilities		4,678,389.37	566,739.00	4,111,650.37
Building Maintenance	811		0.00	
Other Structures Maintenance	815		483,605.00	
Office Equipment Maintenance	821		16,834.00	
IT Equipment Maintenance	823		66,300.00	
Repair & Maint. Of Gov't. Vehicles		68,455.68	8,544.00	59,911.68
Motor Vehicles Maintenance	841		8,544.00	
Transportation Services		13,000.00	0.00	13,000.00
Transportation and Delivery	784		0.00	
Supplies and Materials		32,678,126.00	2,214,682.45	30,463,443.55
Office Supplies	755		1,191,194.42	
Other supplies	765		1,023,488.03	
Subsidies		0.00	0.00	0.00
Subsidies	871		0.00	
Water, Illumination and Power Service		3,642,182.93	3,642,182.93	0.00
Water	766		34,058.58	
Electricity	767		3,608,124.35	
Training and Seminar Expenses		38,000.00	2,000.00	36,000.00
Training and Seminar Expense	753		2,000.00	
Scholarship Expense	754		0.00	



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<b>Fidelity Bond and Insurance Premium</b>		139,822.07	25,850.24	113,971.83
Fidelity Bond Premiums	892		0.00	
Insurance Premium	893		25,850.24	
<b>Other Services</b>		22,261,874.00	730,549.84	21,531,324.16
Subscription Expense	786		6,815.00	
Security Services	797		80,000.00	
Other Professional Services	799		375,000.00	
Other MOOE	969		268,734.84	
<b>Sub-Total</b>		<b>71,585,000.00</b>	<b>15,252,492.79</b>	<b>56,332,507.21</b>
<b>Capital Outlay (300)</b>		204,000,000.00	63,908,217.40	140,091,782.60
<b>Sub-Total</b>		<b>204,000,000.00</b>	<b>63,908,217.40</b>	<b>140,091,782.60</b>
<b>A.III.a.2 Flood Forecasting and Hydro-meteorological Services</b>				
<b>Personal Services (100)</b>				
Salaries and Wages	701	2,617,000.00	2,617,000.00	0.00
PERA	711	211,285.67	211,285.67	0.00
Representation & Transportation Allowance	713/714	100,713.66	100,713.66	0.00
Uniform Allowance	715	36,000.00	36,000.00	0.00
Productivity	717	18,000.00	18,000.00	0.00
Bonuses and Incentives	724/725	264,000.00	264,000.00	0.00
PAGIBIG Contributions	732	11,000.67	11,000.67	0.00
Medicare Premiums	733	26,000.00	26,000.00	0.00
Employees Comp. Insurance Premium	734	11,000.00	11,000.00	0.00
Step Increment/Other Personnel Benefits	749	7,000.00	7,000.00	0.00
<b>Sub-Total</b>		<b>3,302,000.00</b>	<b>3,302,000.00</b>	<b>0.00</b>
<b>Maintenance &amp; Other Operating Expenses (200)</b>				
<b>Travelling Expenses</b>		1,949,208.84	1,949,208.84	0.00
Local	751		1,511,415.94	
Foreign	752		437,792.90	
<b>Communication Services</b>		334,000.00	82,161.00	251,839.00
Postage and Deliveries	771		1,825.00	
Telephone Expenses-Landline	772		0.00	
Telephone Expenses-Mobile	773		80,336.00	
Internet Expense	774		0.00	
<b>Repair &amp; Maint. Of Gov't. Facilities</b>		1,750,000.00	1,176,471.61	573,528.39
Building Maintenance	811		380,882.61	
Office Equipment Maintenance	821		88,219.00	
IT Equipment Maintenance	823		707,370.00	
<b>Repair &amp; Maint. Of Gov't. Vehicles</b>		1,655,791.16	339,297.48	1,316,493.68
Motor Vehicles Maintenance	841		339,297.48	
<b>Transportation Services</b>		497,000.00	128,815.49	368,184.51
Transportation and Delivery	784		128,815.49	

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>Supplies and Materials</b>		2,912,000.00	2,204,960.95	707,039.05
Office Supplies	755		1,128,858.37	
Other supplies	765		596,493.94	
Gasoline, Oil and Lubricants Expenses	761		479,608.64	
<b>Rents</b>		555,000.00	71,013.67	483,986.33
Rent Expenses	782		71,013.67	
<b>Water, Illumination and Power Service</b>		2,924,000.00	2,922,375.80	1,624.20
Water	766		0.00	
Electricity	767		2,922,375.80	
<b>Training and Seminar Expenses</b>		402,000.00	402,000.00	0.00
Training and Seminar Expense	753		402,000.00	
Scholarship Expense	754		0.00	
<b>Fidelity Bond and Insurance Premium</b>		150,000.00	42,359.89	107,640.11
Fidelity Bond Premiums	892		3,375.00	
Insurance Premium	893		38,984.89	
<b>Other Services</b>		1,817,000.00	1,806,614.69	10,385.31
Subscription Expense	786		3,319.25	
Janitorial Services	796		450,000.00	
Security Services	797		800,000.00	
Other MOOE	969		553,295.44	
<b>Sub-Total</b>		14,946,000.00	11,125,279.42	3,820,720.58
<b>Capital Outlay (300)</b>		3,600,000.00	179,380.00	3,420,620.00
<b>Sub-Total</b>		3,600,000.00	179,380.00	3,420,620.00
<b>A.III.a.3 Operation and maintenance of the Flood Forecasting and Warning System for Dam Operation Project I</b>				
<b>Maintenance &amp; Other Operating Expenses (200)</b>				
<b>Travelling Expenses</b>		118,000.00	428.00	117,572.00
Local	751		428.00	
<b>Communication Services</b>		243,000.00	45.00	242,955.00
Postage and Deliveries	771		45.00	
Telephone Expenses-Landline	772		0.00	
Telephone Expenses-Mobile	773		0.00	
Internet Expense	774		0.00	
<b>Repair &amp; Maint. Of Gov't. Facilities</b>		263,000.00	0.00	263,000.00
Building Maintenance	811		0.00	
Other Structure Maintenance	815		0.00	
Office Equipment Maintenance	821		0.00	
IT Equipment Maintenance	823		0.00	
<b>Repair &amp; Maint. Of Gov't. Vehicles</b>		392,000.00	21,800.00	370,200.00
Motor Vehicles Maintenance	841		21,800.00	
<b>Transportation Services</b>		115,000.00	47,001.50	67,998.50
Transportation and Delivery	784		47,001.50	
<b>Supplies and Materials</b>		780,000.00	94,193.29	685,806.71
Office Supplies	755		53,028.22	
Other supplies	765		34,097.17	
Gasoline, Oil and Lubricants Expenses	761		7,067.90	

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
Rents		40,000.00	0.00	40,000.00
Rent Expenses	782		0.00	
Water, Illumination and Power Service		2,352,000.00	2,352,000.00	0.00
Water	766		0.00	
Electricity	767		2,352,000.00	
Training and Seminar Expenses		180,000.00	0.00	180,000.00
Training and Seminar Expense	753		0.00	
Other Services		670,000.00	670,000.00	0.00
Janitorial Services	796		230,000.00	
Security Services	797		440,000.00	
Other MOOE	969		0.00	
Sub-Total		5,153,000.00	3,185,467.79	1,967,532.21

A.III.a.4 Operation and maintenance of the flood forecasting and warning system for DAM operation Project II covering Binga, Ambuklao and Magat Dam

Maintenance & Other Operating Expenses (200)				
Travelling Expenses		118,000.00	56,984.00	61,016.00
Local	751		56,984.00	
Repair & Maint. Of Gov't. Facilities		138,000.00	0.00	138,000.00
Other Structure Maintenance	815		0.00	
Repair & Maint. Of Gov't. Vehicles		66,105.63	0.00	66,105.63
Motor Vehicles Maintenance	841		0.00	
Supplies and Materials		139,000.00	116,151.00	22,849.00
Office Supplies	755		0.00	
Other supplies	765		116,151.00	
Rents		217,000.00	0.00	217,000.00
Rent Expenses	782		0.00	
Water, Illumination and Power Service		1,313,000.00	1,313,000.00	0.00
Water	766		0.00	
Electricity	767		1,313,000.00	
Training and Seminar Expenses		179,000.00	0.00	179,000.00
Training and Seminar Expense	753		0.00	
Other Services		1,697,894.37	1,697,894.37	0.00
Janitorial Services	796		494,220.38	
Security Services	797		840,000.00	
Other Professional Services	799		0.00	
Other MOOE	969		363,673.99	
Sub-Total		3,868,000.00	3,184,029.37	683,970.63

A.III.a.5 Operation and maintenance of astronomical observatories/planetarium including provision of standard time time services

Maintenance & Other Operating Expenses (200)				
Travelling Expenses		393,000.00	278,792.11	114,207.89
Local	751		151,658.00	
Foreign	752		127,134.11	

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
Communication Services		178,000.00	18,810.00	159,190.00
Postage and Deliveries	771		0.00	
Telephone Expenses-Mobile	773		18,810.00	
Repair & Maint. Of Gov't. Facilities		454,000.00	159,915.00	294,085.00
IT Equipment Maintenance	823		159,915.00	
Other Machineries/Equipment Maintenance	840		0.00	
Supplies and Materials		94,000.00	61,485.00	32,515.00
Office Supplies	755		3,980.00	
Other supplies	765		57,505.00	
Water, Illumination and Power Service		454,000.00	454,000.00	0.00
Electricity	767		454,000.00	
Other Services		47,000.00	19,896.30	27,103.70
Printing & Binding Services	781		17,000.00	
Security Services	797		0.00	
Other MOOE	969		2,896.30	
Sub-Total		1,620,000.00	992,898.41	627,101.59

A.III.b.1 Observation, measurement, recording  
and reporting of atmospheric,  
geophysical and astronomical data

Personal Services (100)				
Salaries and Wages	701	52,913,000.00	52,913,000.00	0.00
PERA	711	6,672,000.00	6,672,000.00	0.00
Uniform Allowance	715	1,112,000.00	1,112,000.00	0.00
Productivity	717	556,000.00	556,000.00	0.00
Bonuses and Incentives	724/725	5,800,000.00	5,800,000.00	0.00
PAGIBIG Contributions	732	334,000.00	334,000.00	0.00
Medicare Premiums	733	619,000.00	619,000.00	0.00
Employees Comp. Insurance Premium	734	331,000.00	331,000.00	0.00
Step Increment/Other Personnel Benefits	749	133,000.00	133,000.00	0.00
Sub-Total		68,470,000.00	68,470,000.00	0.00

Maintenance & Other  
Operating Expenses (200)

Travelling Expenses				
Local	751	2,494,847.99	2,494,847.99	0.00
Foreign	752		0.00	
Communication Services		6,462,595.37	5,866,050.49	596,544.88
Postage and Deliveries	771		124,100.00	
Telephone Expenses-Landline	772		1,689,268.81	
Telephone Expenses-Mobile	773		1,158,575.84	
Internet Expense	774		2,894,105.84	
Cable, Satellite, Telegraph, Radio	775		0.00	
Repair & Maint. Of Gov't. Facilities		12,501,286.99	11,947,988.40	553,298.59
Building Maintenance	811		5,188,528.95	
Other Structure Maintenance	815		3,603,536.65	
Office Equipment Maintenance	821		322,447.00	
IT Equipment Maintenance	823		533,521.00	
Tel/Cable/Radio Equipment Maintenance	829		1,987,200.00	
Technical/Scientific Equipment Maintenance	836		258,754.80	
Other Machineries Maintenance	840		54,000.00	

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
Repair & Maint. Of Gov't. Vehicles		189,430.05	189,430.05	0.00
Motor Vehicles Maintenance	841		189,430.05	
Supplies and Materials		94,407,995.37	90,867,650.62	3,540,344.75
Office Supplies	755		17,468,923.48	
Other supplies	765		73,152,693.62	
Gasoline, Oil and Lubricants Expenses	761		246,033.52	
Rents		407,000.00	26,346.69	380,653.31
Rent Expenses	782		26,346.69	
Water, Illumination and Power Service		3,879,813.55	3,879,813.55	0.00
Water	766		914,890.83	
Electricity	767		2,964,922.72	
Training and Seminar Expenses		351,721.00	351,721.00	0.00
Training and Seminar Expense	753		308,200.00	
Scholarship Expense	754		43,521.00	
Fidelity Bond and Insurance Premium		147,000.00	58,101.60	88,898.40
Fidelity Bond Premiums	892		35,212.50	
Insurance Premium	893		22,889.10	
Other Services		8,487,808.46	7,573,739.07	914,069.39
Membership Dues	778		1,000.00	
Advertising Expense	780		31,225.60	
Printing & Binding Services	781		200.00	
Janitorial Services	796		1,213,482.82	
Security Services	797		1,638,002.34	
Other MOOE	969		4,689,828.31	
Sub-Total		129,329,498.78	123,255,689.46	6,073,809.32
Capital Outlay (300)		26,890,000.00	14,704,000.00	12,186,000.00
Sub-Total		26,890,000.00	14,704,000.00	12,186,000.00
<b>A.III.b.2 Operation of upgraded geostationary meteorological satellite receiving system acquired under the 1988 Grant-in-Aid Program of Japan</b>				
Maintenance & Other Operating Expenses (200)				
Travelling Expenses		39,000.00	29,962.26	9,037.74
Local	751		29,962.26	
Repair & Maint. Of Gov't. Vehicles		29,000.00	0.00	29,000.00
Motor Vehicles Maintenance	841		0.00	
Supplies and Materials		1,426,704.61	1,175,244.40	251,460.21
Office Supplies	755		499,289.84	
Other supplies	765		675,954.56	
Training and Seminar Expenses		95,000.00	400.00	94,600.00
Training and Seminar Expense	753		400.00	
Scholarship Expense	754		0.00	
Other Services		478,295.39	478,295.39	0.00
Storage	785		45,235.39	
Janitorial Services	796		180,000.00	
Security Services	797		200,000.00	
Other MOOE	969		53,060.00	
Sub-Total		2,068,000.00	1,683,902.05	384,097.95
Capital Outlay (300)		100,000,000.00	0.00	100,000,000.00
Sub-Total		100,000,000.00	0.00	100,000,000.00

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>A.III.b.3 Operation and Maintenance of Weather Surveillance Radar Network</b>				
Maintenance & Other Operating Expenses (200)				
Travelling Expenses		6,386,705.58	6,386,705.58	0.00
Local	751		6,373,425.27	
Foreign	752		13,280.31	
Communication Services		1,196,803.95	38,519.91	1,158,284.04
Postage and Deliveries	771		7,110.00	
Telephone Expenses-Landline	772		8,508.41	
Telephone Expenses-Mobile	773		15,300.00	
Internet Expenses	774		7,601.50	
Repair & Maint. Of Gov't. Facilities		6,276,550.00	6,249,426.21	27,123.79
Building Maintenance	811		0.00	
Other Structure Maintenance	815		6,239,326.21	
IT Equipment Maintenance	823		7,100.00	
Other Machineries Maintenance	840		3,000.00	
Repair & Maint. Of Gov't. Vehicles		443,000.00	53,829.00	389,171.00
Motor Vehicles Maintenance	841		53,829.00	
Transportation Services		1,963,000.00	237,538.88	1,725,461.12
Transportation and Delivery	784		237,538.88	
Supplies and Materials		9,664,000.00	7,412,915.00	2,251,085.00
Office Supplies	755		182,141.29	
Other supplies	765		3,312,103.60	
Gasoline, Oil and Lubricants Expenses	761		3,918,670.11	
Rents		1,053,000.00	276,885.07	776,114.93
Rent Expenses	782		276,885.07	
Water, Illumination and Power Service		7,237,731.94	7,237,731.94	0.00
Water	766		972,141.59	
Electricity	767		6,265,590.35	
Training and Seminar Expenses		2,894,933.20	2,894,933.20	0.00
Training and Seminar Expense	753		2,847,933.20	
Scholarship Expense	754		47,000.00	
Fidelity Bond and Insurance Premium		692,087.81	8,830.00	683,257.81
Fidelity Bond Premiums	892		0.00	
Insurance Premium	893		8,830.00	
Other Services		3,342,187.52	3,342,187.52	0.00
Janitorial Services	796		1,185,343.75	
Security Services	797		1,474,142.18	
Other MOOE	969		682,701.59	
Sub-Total		41,150,000.00	34,139,502.31	7,010,497.69
Capital Outlay (300)		4,000,000.00	3,764,056.00	235,944.00
Sub-Total		4,000,000.00	3,764,056.00	235,944.00

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
A.III.c.1 Atmospheric-geophysical astronomical and space sciences research devt.				
Personal Services (100)				
Salaries and Wages	701	600,000.00	600,000.00	0.00
PERA	711	72,000.00	72,000.00	0.00
Uniform Allowance	715	12,000.00	12,000.00	0.00
Productivity	717	6,000.00	6,000.00	0.00
Bonuses and Incentives	724/725	65,000.00	65,000.00	0.00
PAGIBIG Contributions	732	4,000.00	4,000.00	0.00
Medicare Premiums	733	8,000.00	8,000.00	0.00
Employees Comp. Insurance Premium	734	4,000.00	4,000.00	0.00
Step Increment/Other Personnel Benefits	749	2,000.00	2,000.00	0.00
Sub-Total		773,000.00	773,000.00	0.00
Maintenance & Other Operating Expenses (200)				
Travelling Expenses		290,000.00	281,187.71	8,812.29
Local	751		267,907.40	
Foreign	752		13,280.31	
Communication Services		37,626.39	28,054.00	9,572.39
Postage and Deliveries	771		2,323.00	
Telephone Expenses-Mobile	773		25,731.00	
Repair & Maint. Of Gov't. Facilities		163,000.00	154,564.00	8,436.00
Building Maintenance	811		84,829.00	
Office Equipment Maintenance	821		3,500.00	
IT Equipment Maintenance	823		66,235.00	
Repair & Maint. Of Gov't. Vehicles		55,474.89	17,036.00	38,438.89
Motor Vehicles Maintenance	841		17,036.00	
Supplies and Materials		1,648,000.00	1,561,049.72	86,950.28
Office Supplies	755		615,424.71	
Other supplies	765		815,625.01	
Gasoline, Oil and Lubricants Expenses	761		130,000.00	
Water, Illumination and Power Service		684,000.00	684,000.00	0.00
Electricity	767		684,000.00	
Extraordinary and Miscellaneous Expenses		20,000.00	20,000.00	0.00
Representation Expenses	783		20,000.00	
Fidelity Bond and Insurance Premium		12,003.82	4,553.02	7,450.80
Fidelity Bond Premiums	892		900.00	
Insurance Premium	893		3,653.02	
Other Services		1,810,894.90	1,810,894.90	0.00
Printing & Binding Services	781		389,700.20	
Subscription Expense	786		8,891.25	
Janitorial Services	796		520,531.85	
Security Services	797		660,000.00	
Other MOOE	969		231,771.60	
Sub-Total		4,721,000.00	4,561,339.35	159,660.65

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Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>A.III.c.2 Weather modification activities and NATIONAL DISASTER REDUCTION including the payment of 25,000 for the flying pay of personnel</b>				
Maintenance & Other Operating Expenses (200)				
Travelling Expenses		278,000.00	243,161.38	34,838.62
Local	751		61,771.38	
Foreign	752		181,390.00	
Communication Services		32,563.50	14,173.50	18,390.00
Postage and Deliveries	771		0.00	
Telephone Expenses-Landline	772		0.00	
Telephone Expenses-Mobile	773		14,173.50	
Repair & Maint. Of Gov't. Facilities		131,000.00	127,112.50	3,887.50
Building Maintenance	811		17,318.50	
Office Equipment Maintenance	821		27,608.00	
IT Equipment Maintenance	823		80,386.00	
Other Machineries Maintenance	840		1,800.00	
Repair & Maint. Of Gov't. Vehicles		120,000.00	119,314.00	686.00
Motor Vehicles Maintenance	841		119,314.00	
Supplies and Materials		1,196,000.00	1,173,780.89	22,219.11
Office Supplies	755		764,581.60	
Other supplies	765		407,199.29	
Gasoline, Oil and Lubricants Expenses	761		2,000.00	
Rents		36,104.60	0.00	36,104.60
Rent Expenses	782		0.00	
Water, Illumination and Power Service		477,000.00	477,000.00	0.00
Water	766		0.00	
Electricity	767		477,000.00	
Training and Seminar Expenses		238,000.00	188,540.00	49,460.00
Training and Seminar Expense	753		2,540.00	
Scholarship Expense	754		186,000.00	
Other Services		1,129,331.90	1,129,331.90	0.00
Subscription Expense	786		81,883.00	
Janitorial Services	796		400,000.00	
Security Services	797		560,000.00	
Other Professional Services	799		0.00	
Other MOOE	969		87,448.90	
<b>Sub-Total</b>		<b>3,638,000.00</b>	<b>3,472,414.17</b>	<b>165,585.83</b>

**A.III.c.3 Conduct of NATURAL DISASTER researches pursuant to Section 10 P.D. 78 as amended**

Maintenance & Other Operating Expenses (200)

Travelling Expenses		450,000.00	426,708.31	23,291.69
Local	751		342,771.60	
Foreign	752		83,936.71	
Communication Services		73,000.00	838.60	72,161.40
Postage and Deliveries	771		548.60	
Telephone Expenses-Mobile	773		290.00	



**PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND  
ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)  
FINANCIAL REPORT OF OPERATIONS  
January to December 2012  
( Fund 101 )**

Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>Repair &amp; Maint. Of Gov't. Facilities</b>		418,126.00	401,031.00	17,095.00
Building Maintenance	811		350,000.00	
Office Equipment Maintenance	821		48,931.00	
IT Equipment Maintenance	823		2,100.00	
<b>Repair &amp; Maint. Of Gov't. Vehicles</b>		11,000.00	0.00	11,000.00
Motor Vehicles Maintenance	841		0.00	
<b>Supplies and Materials</b>		321,000.00	235,555.35	85,444.65
Office Supplies	755		77,903.15	
Other supplies	765		107,652.20	
Gasoline, Oil and Lubricants Expenses	761		50,000.00	
<b>Rents</b>		382,691.50	320,664.37	62,027.13
Rent Expenses	782		320,664.37	
<b>Water, Illumination and Power Service</b>		257,000.00	257,000.00	0.00
Water	766		0.00	
Electricity	767		257,000.00	
<b>Training and Seminar Expenses</b>		228,000.00	165,500.00	62,500.00
Training and Seminar Expense	753		27,500.00	
Scholarship Expense	754		138,000.00	
<b>Other Services</b>		1,084,182.50	1,084,182.50	0.00
Printing & Binding Services	781		198,000.00	
Subscription Expense	786		43,104.75	
Janitorial Services	796		390,000.00	
Security Services	797		453,077.75	
Other MOOE	969		0.00	
<b>Sub-Total</b>		<b>3,225,000.00</b>	<b>2,891,480.13</b>	<b>333,519.87</b>

**A.III.c.4 Agro-climatic research and farm  
weather services**

**Maintenance & Other  
Operating Expenses (200)**

<b>Travelling Expenses</b>		110,000.00	7,394.00	102,606.00
Local	751		7,394.00	
<b>Communication Services</b>		297,000.00	4,569.00	292,431.00
Telephone Expenses-Landline	772		0.00	
Telephone Expenses-Mobile	773		4,569.00	
Internet Expense	774		0.00	
<b>Repair &amp; Maint. Of Gov't. Facilities</b>		400,000.00	266,000.00	134,000.00
Building Maintenance	811		166,000.00	
Tel/Cable/Radio Equipment Maintenance	829		100,000.00	
<b>Supplies and Materials</b>		882,000.00	368,160.46	513,839.54
Office Supplies	755		110,056.36	
Other supplies	765		23,534.00	
Gasoline, Oil and Lubricants Expenses	761		234,570.10	
<b>Water, Illumination and Power Service</b>		143,000.00	143,000.00	0.00
Water	766		0.00	
Electricity	767		143,000.00	

PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND  
 ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)  
 FINANCIAL REPORT OF OPERATIONS  
 January to December 2012  
 ( Fund 101 )

Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
Other Services		360,000.00	92,346.56	267,653.44
Other MOOE	969		92,346.56	
Sub-Total		2,192,000.00	881,470.02	1,310,529.98
<b>Sub-Total, Operations</b>		<b>699,141,498.78</b>	<b>364,337,618.67</b>	<b>334,803,880.11</b>
<b>TOTAL, PROGRAMS</b>		<b>1,016,964,165.00</b>	<b>638,597,535.60</b>	<b>378,366,629.40</b>

**B. PROJECTS**

I. Locally-Funded Projects

Capital Outlay (300)

a. Construction of Access Road (Guiuan)		2,982,000.00	0.00	2,982,000.00
b. Renovation of Buildings (Guiuan)		1,144,000.00	0.00	1,144,000.00
c. Establishment of Climate Databank Center		7,500,000.00	7,499,999.10	0.90
<b>Sub-Total, Locally-Funded Projects</b>		<b>11,626,000.00</b>	<b>7,499,999.10</b>	<b>4,126,000.90</b>
<b>TOTAL, PROJECTS</b>		<b>11,626,000.00</b>	<b>7,499,999.10</b>	<b>4,126,000.90</b>

Less 20% - Section 6.1.3 of Budget Circular  
 No. 2006-1 dated February 01,2006

-	17,035,270.34	(17,035,270.34)
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<b>Total, Current Year Budget</b>	<b>1,028,590,165.00</b>	<b>663,132,805.04</b>	<b>365,457,359.96</b>
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Life and Retirement Insurance Premium		731			
A.I.a.1			13,631,000.00	13,631,000.00	0.00
A.I.a.2			1,567,000.00	1,567,000.00	0.00
A.II.a.1			254,000.00	254,000.00	0.00
A.II.b			22,000.00	22,000.00	0.00
A.II.d			48,000.00	48,000.00	0.00
A.III.a.1			431,000.00	431,000.00	0.00
A.III.a.2			315,000.00	315,000.00	0.00
A.III.b.1			6,350,000.00	6,350,000.00	0.00
A.III.c.1			72,000.00	72,000.00	0.00
<b>Total RLIP</b>			<b>22,690,000.00</b>	<b>22,690,000.00</b>	<b>0.00</b>

SPECIAL PURPOSE FUND

Pension and Gratuity Fund					
Terminal Leave Benefits		742	10,385,867.00	10,385,861.90	5.10
A.I.a.1			1,320,899.00	1,320,897.21	1.79
A.III.a.1			989,219.00	989,218.13	0.87
A.III.b.1			8,075,749.00	8,075,746.56	2.44

PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND  
 ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)  
 FINANCIAL REPORT OF OPERATIONS  
 January to December 2012  
 ( Fund 101 )

Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>Miscellaneous Personnel Benefits Funds (MPBF)</b>				
Salary Adjustment (3rd Tranche)		19,074,000.00	19,074,000.00	0.00
(SARO - BMB-E-12-0010234 dated June 14, 2012)				
A.I.a.1 Salaries and Wages	701	17,531,000.00	17,531,000.00	0.00
Ear End Bonus (YEB)	724/725	1,461,000.00	1,461,000.00	0.00
Medicare Premiums	733	78,000.00	78,000.00	0.00
ECIP	734	4,000.00	4,000.00	0.00
Salary Adjustment (4th Tranche)		12,223,000.00	12,223,000.00	0.00
(SARO - BMB-E-12-0024981 dated Oct. 30, 2012)				
Salaries and Wages	701	10,627,000.00	10,627,000.00	0.00
Ear End Bonus (YEB)	724/725	1,518,000.00	1,518,000.00	0.00
Medicare Premiums	733	78,000.00	78,000.00	0.00
Additional Uniform/Clothing Allowance		848,000.00	759,000.00	89,000.00
(SARO - BMB-E-12-0014921 dated July 30 , 2012)				
Productivity Enhancement Incentive (PEI)		4,295,000.00	3,947,250.00	347,750.00
(SARO - BMB-E-12-0032860 dated Dec. 17 , 2012)				
<b>FY 2012 General Appropriations Act, RA 10155</b>				
Payment of Magna Carta (MC) Benefits pursuant to R.A. 8439		95,886,835.00	88,999,651.00	6,887,184.00
(SARO - BMB-E-12-0016997 dated Aug. 17, 2012)				
(SARO - BMB-E-12-0034288 dated Dec. 21, 2012)				
Subsistence Allowance	716	27,768,584.00	22,877,875.00	4,890,709.00
Laundry Allowance	716	4,115,000.00	4,115,000.00	0.00
Hazard Pay	721	25,980,486.00	24,879,269.82	1,101,216.18
Longevity Pay	722	38,022,765.00	37,127,506.18	895,258.82
<b>Automatic Appropriations</b>				
A.I.a.1 Retirement and Life Insurance Premium (RLIP)	731	3,379,000.00	2,358,381.17	1,020,618.83
(SARO - BMB-E-12-0010235 dated June 14, 2012)		2,104,000.00	2,104,000.00	0.00
(SARO - BMB-E-12-0024983 dated Oct. 30, 2012)		1,275,000.00	254,381.17	1,020,618.83
Customs Duties and Taxes		32,457,806.00	32,457,806.00	0.00
(SARO - BMB-E-12-0002034 dated March 12, 2012)		872,004.00	872,004.00	0.00
(SARO - BMB-E-12-0013199 dated July 10, 2012)		707,152.00	707,152.00	0.00
(SARO - BMB-E-12-0023638 dated Oct. 12, 2012)		30,192,048.00	30,192,048.00	0.00
(SARO - BMB-E-12-0033759 dated Dec. 20, 2012)		686,602.00	686,602.00	0.00
<b>Total, SPECIAL PURPOSE FUND</b>		<b>178,549,508.00</b>	<b>170,204,950.07</b>	<b>8,344,557.93</b>

PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND  
 ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)  
 FINANCIAL REPORT OF OPERATIONS  
 January to December 2012  
 ( Fund 101 )

Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>PRIOR YEAR'S BUDGET</b>				
<b>PROGRAMS</b>				
Maintenance & Other				
Operating Expenses (200)				
Travelling Expenses		692,709.46	504,363.16	188,346.30
Communication Services		810,805.63	676,181.56	134,624.07
Repair & Maint. Of Gov't. Facilities		11,163,071.73	10,732,625.72	430,446.01
Repair & Maint. Of Gov't. Vehicles		401,458.83	340,660.00	60,798.83
Transportation Services		28,739.96	1,300.00	27,439.96
Supplies and Materials		1,275,642.33	1,217,226.70	58,415.63
Rents		457,140.37	172,102.87	285,037.50
Water, Illumination and Power Service		900,326.37	821,084.18	79,242.19
Training and Seminar Expenses		37,724.31	-	37,724.31
Extraordinary and Miscellaneous Expenses		1,617.00	-	1,617.00
Gasoline, Oil and Lubricants		111,253.10	77,363.83	33,889.27
Fidelity Bond and Insurance Premium		778.90	-	778.90
Other Services		1,195,235.96	1,144,176.05	51,059.91
Sub-Total		17,076,503.95	15,687,084.07	1,389,419.88
Capital Outlay (300)				
A.III.b.3 Purchase of 11 units motor vehicles (SARO # E-12-00208 dated March 12, 2012) Realignment from MOOE to CO		12,000,000.00	11,821,084.00	178,916.00
Equipment Outlay		183,680,779.43	183,578,231.22	102,548.21
A.I.a.2		1,485,773.75	1,485,042.56	731.19
A.III.a.1		75,739,010.00	75,725,645.00	13,365.00
A.III.a.2		50,000,000.00	49,946,349.00	53,651.00
A.III.b.1		47,411,120.68	47,399,128.82	11,991.86
A.III.b.3		6,972,000.00	6,964,344.86	7,655.14
A.III.c.4		2,072,875.00	2,057,720.98	15,154.02
Sub-Total		195,680,779.43	195,399,315.22	281,464.21
<b>TOTAL, PROGRAMS</b>		<b>212,757,283.38</b>	<b>211,086,399.29</b>	<b>1,670,884.09</b>

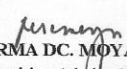
PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND  
 ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)  
 FINANCIAL REPORT OF OPERATIONS  
 January to December 2012  
 ( Fund 101 )

Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>B. PROJECTS</b>				
I. Locally-Funded Projects				
Capital Outlay (300)				
a. Repair and Rehabilitation of the following Weather Stations: General Santos, Weather and Flood Forecasting Center, Science Garden, Iloilo, Palawan, Tampak, Alabat, Laoag, San Jose, BSU, La Trinidad, Benguet		9,542,385.90	9,541,980.47	405.43
b. Renovation of Radar Building (Aparri, Cagayan) Region II		2,643,975.00	2,632,755.35	11,219.65
<b>Sub-Total, Locally-Funded Projects</b>		<b>12,186,360.90</b>	<b>12,174,735.82</b>	<b>11,625.08</b>

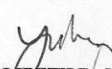
PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND  
 ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)  
 FINANCIAL REPORT OF OPERATIONS  
 January to December 2012  
 ( Fund 101 )

Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
II. Foreign -Assisted Projects				
Maintenance & Other Operating Expenses (200)				
Peso Counterpart				
a. Improvement of Flood Forecasting and Warning System in the Pampanga and Agno River Basins - JICA Grant Phase I - Pampanga River Basin, Phase II - Agno River Basin		42,175,804.79	0.00	42,175,804.79
b. Strengthening of Flood Forecasting and Warning System for Dam Operation (FFWSDO) - JICA Grant TCP		38,203,027.00	1,878,325.61	36,324,701.39
c. Improvement of Flood Forecasting and Warning for Magat Dam and Downstream Communities (FFWSDO) NoRAD Grant		17,832,000.00	0.00	17,832,000.00
d. JICA RADAR		16,335,872.95	11,423,500.60	4,912,372.35
e. Improvement of Capabilities to Cope with Natural Disasters Caused by Climate Change (JICS)		40,000,000.00	0.00	40,000,000.00
f. Establishment of Early Warning and Response System for Disaster Mitigation in Metro Manila (Pasig - Marikina River Basin) KOICA		33,120,000.00	0.00	33,120,000.00
Sub-Total, Foreign-Assisted Projects		187,666,704.74	13,301,826.21	174,364,878.53
<b>TOTAL, PROJECTS</b>		<b>199,853,065.64</b>	<b>25,476,562.03</b>	<b>174,376,503.61</b>
Total, Prior Year's Budget		412,610,349.02	236,562,961.32	176,047,387.70
<b>GRAND TOTAL, PAGASA</b>		<b>1,642,440,022.02</b>	<b>1,092,590,716.43</b>	<b>549,849,305.59</b>

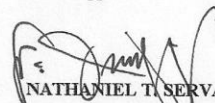
Prepared by:

  
 NORMA D.C. MOYA  
 Supervising Admin. Officer

Certified Correct:

  
 LILIBETH B. GONZALES  
 Chief, Admin. Officer, FPMD

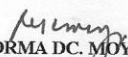
Approved:

  
 NATHANIEL T. SERVANDO  
 Administrator


PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND  
 ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)  
 FINANCIAL REPORT OF OPERATIONS  
 January to December 2012  
 ( Fund 102 )

Particulars	Code	Available Allotment	Obligations Incurred	Unobligated Balance of Allotment
<b>B. PROJECTS</b>				
II. Foreign -Assisted Projects				
Maintenance & Other Operating Expenses (200)				
Peso Counterpart				
Peso Counterpart				
a. Improvement of Flood Forecasting and Warning System for Magat Dam and Downstream Communities (NoRAD Grant)		17,832,000.00	0.00	17,832,000.00
b. Improvement of the Meteorological Radar System - JICA Radar		44,276,000.00	19,679,507.81	24,596,492.19
c. Improvement of Capabilities to Cope with Natural Disasters Caused by Climate Change (JICS)		41,251,000.00	0.00	41,251,000.00
d. Establishment of Early Warning & Response System for Disaster Mitigation in Metro Mla. (Pasig - Marikina River Basin) KOICA		33,120,000.00	0.00	33,120,000.00
<b>Sub-Total, Foreign-Assisted Projects</b>		<b>136,479,000.00</b>	<b>19,679,507.81</b>	<b>116,799,492.19</b>
<b>GRAND TOTAL, PROJECTS</b>		<b>136,479,000.00</b>	<b>19,679,507.81</b>	<b>116,799,492.19</b>

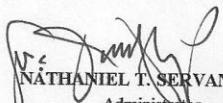
Prepared by:

  
 NORMA DC. MOYA  
 Supervising Admin. Officer

Certified Correct:

  
 LILIBETH B. GONZALES  
 Chief, Admin. Officer, FPMD

Approved:

  
 NATHANIEL T. SERVANDO  
 Administrator

# **Report of Disbursements**



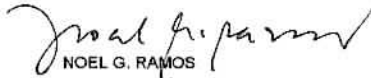
**MONTHLY REPORT OF DISBURSEMENTS**  
**FOR THE PERIOD OF JAN. TO DEC, 2012**

Agency : PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)





FUND CODE : 101

PARTICULARS	CURRENT YEAR BUDGET				PRIOR YEAR'S BUDGET				PRIOR YEAR'S OBLIGATION				TRUST LIABILITIES				OTHERS	GRAND TOTAL			
	PS	MOOE	CO	TOTAL	PS	MOOE	CO	TOTAL	PS	MOOE	CO	TOTAL	PS	MOOE	CO	TOTAL		PS	MOOE	CO	TOTAL
NOTICE OF CASH ALLOCATION																					
MDS CHECKS ISSUED																					
ADVICE TO DEBIT ACCOUNT	428,303,583	239,105,485	175,740,420	843,149,488	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAX REMITTANCE																					
ADVISES ISSUED	24,004,728	26,467,192	-	50,471,919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NON-CASH AVAILMENT																					
AUTHORITY																					
<b>TOTAL</b>	<b>452,308,311</b>	<b>265,572,676</b>	<b>175,740,420</b>	<b>893,621,407</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Certified Correct :

  
 NOEL G. RAMOS  
 OIC, Accounting Section

Approved by :

  
 VICENTE B. MALANO, Ph. D  
 Acting Administrator  
  

# **Report of Income**

Department: Department of Science and Technology  
 Agency: Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

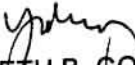
**FY 2012 MONTHLY INCOME (Actual)**  
 (January to December)

TYPES OF INCOME	CODE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FEES ON WEIGHTS & MEASURES	601	12,775.00	6,570.00	7,845.00	16,930.00	16,355.00	19,725.00	13,995.00	7,340.00	8,945.00	7,480.00	10,470.00	2,140.00	130,570.00
CERTIFICATION FEES	613	280,066.80	556,282.00	287,112.00	515,622.00	362,723.00	454,903.00	325,172.00	304,181.60	440,088.80	377,608.00	405,523.20	314,338.00	4,623,620.40
MISCELLANEOUS FEES	678	81,607.64	25,425.00	29,334.60	4,050.00	1,566.50	1,700.00	10,409.60	21,334.60	63,775.00	74,150.00	76,300.00	44,076.90	433,729.84
OTHER FEES and PENALTIES	679	1,995.20	-	-	-	-	-	-	-	-	-	-	-	1,995.20
<b>TOTAL</b>		<b>376,444.64</b>	<b>588,277.00</b>	<b>324,291.60</b>	<b>536,602.00</b>	<b>380,644.50</b>	<b>476,328.00</b>	<b>349,576.60</b>	<b>332,856.20</b>	<b>512,808.80</b>	<b>459,238.00</b>	<b>492,293.20</b>	<b>360,554.90</b>	<b>5,189,915.44</b>


Prepared by:

  
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