

QUARTERLY PHYSICAL REPORT OF OPERATION
As of December 31, 2024

Department : Department of Science and Technology (DOST)
 Agency/Entity : Philippine Atmospheric, Geophysical and Astronomical Services Administration
 Operating Unit : < not applicable >
 Organization Code (UACS) : 19 010 000000

Particulars	UACS CODE	Physical Target (Budget Year)					Physical Accomplishment (Budget Year)					Variance as of December 31, 2024	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
WEATHER AND CLIMATE FORECASTING AND WARNING PROGRAM	3101000000000000												
OO : Enhanced safety and resiliency of Filipinos to disaster risks from extreme weather, flooding, storm surge and related events													
Outcome Indicator(s)													
1. Percentage of 81 provinces including Metro Manila that have robust science-based weather related information and services in their disaster risk reduction plans		94%	94%	94%	94%	94 %	94%	94%	94%	94%	94%		
Output Indicator(s)													
1. Percentage of timely weather and tropical cyclone warnings issued within fifteen (15) minutes of scheduled time		95%	95%	95%	95%	95 %	100%	100%	100%	100%	100%		1st Qtr: 2,905; 2nd Qtr: 6,727; 3rd Qtr: 7,289; 4th Qtr: 10,511
2. Number of seasonal climate forecasts, climate impact assessment, tropical cyclone warning advisory (TCWA) for agriculture and farm weather forecasts and advisories issued		288	288	288	288	1,152	324	343	327	530	1,524		
3. Annual Mean 24-hour Forecast Track Error (in kilometers)		Typhoon - less than or equal to 100 km	Typhoon - less than or equal to 100 km	Typhoon - less than or equal to 100 km	Typhoon - less than or equal to 100 km	Typhoon - less than or equal to 100 km	No Tropical Cyclone during the 1st quarter	Typhoon: 48.2 km; Tropical Storm: No Tropical Storm during the 2nd	Typhoon: 65.7 km Tropical Storm: 112.4 km	Typhoon: 48.9 km Tropical Storm: 115.3 km	Typhoon: 54.3 km Tropical Storm: 113.8 km		
		Tropical Storm - less	Tropical Storm - less	Tropical Storm - less	Tropical Storm - less	Tropical Storm - less							
FLOOD FORECASTING AND WARNING PROGRAM	3102000000000000												
OO : Enhanced safety and resiliency of Filipinos to disaster risks from extreme weather, flooding, storm surge and related events													
Outcome Indicator(s)													
1. Reduced number of casualties		0	0	0	0	0 casualty	0	0	0	0	0 casualty		
Output Indicator(s)													
1. Number of timely and accurate flood warnings issued		268	344	539	626	1,777	263	498	484	1,978	3,223		In 2024, there has been an increase in flood warnings due to several tropical cyclones, particularly in the last quarter of the year.
2. Percentage of timely flood warning issued within fifteen (15) minutes of scheduled time		95%	96%	95%	96%	95.5%	98.13%	144.77%	89.80%	315.97%	181.37%		1st Qtr: 263; 2nd Qtr: 498; 3rd Qtr: 484; 4th Qtr: 1,978
3. Number of hazard maps developed/generated/updated		1	1	1	2	5	1	1	1	2	5		


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RESEARCH AND DEVELOPMENT ON ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL AND ALLIED SCIENCES PROGRAM	3103000000000000												
OO : Enhanced safety and resiliency of Filipinos to disaster risks from extreme weather, flooding, storm surge and related events													
Outcome Indicator(s)													
1. Percentage of stakeholders who rated the forecasting capability services as satisfactory or better		90%	90%	90%	90%	90%	95%	95%	92%	95%	94%		1st Qtr: 286 out of 301 of the respondents gave satisfactory and above rating; 2nd Qtr: 338 out of 356 of the respondents gave satisfactory and above rating; 3rd Qtr: 411 out of 447 of the respondents gave satisfactory and above rating; 4th Qtr: 634 out of 667 of the respondents gave satisfactory and above rating
2. Percentage increase of LGUs that use the hazard maps		80%	80%	80%	80%	80%	100%	100%	100%	100%	100%		
Output Indicator(s)													
1. Number of researches/studies completed/published/operationalized and development of real innovative/pioneering projects		-	-	-	4	4	0	0	4	4	8		
2. Percentage of involvement on the localization of instruments, facilities and models through innovation, collaboration and linkages		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		1st Qtr: 87 clients; 2nd Qtr: 80 clients; 3rd Qtr: 61 clients; 4th Qtr: 64 clients
3. Number of technical assistance on actions/policies adapted by the LGU		210	215	210	215	850	657	605	1,876	1,808	4,946		There were more requests accepted/generated when the scheme was made available online thru PAGASA website

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