

QUARTERLY PHYSICAL REPORT OF OPERATION
(BAR No. 1)

QUARTERLY PHYSICAL REPORT OF OPERATION
As of September 30, 2020

Department : Department of Science and Technology (DOST_)
Agency : Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)
Operating Unit : < not applicable >
Organization Code (UACS) : 19 010 0000000

Particulars	UACS CODE	Physical Target (Budget Year)					Physical Accomplishment (Budget Year)					Variance	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
SUPPORT TO OPERATIONS													
Locally-Funded Project (s)													
Rehabilitation/Repair of Basco Radar and Tower Building	200000200003000	25%	50%	75%	100%	100%	0%	0%	0%	-	-		
Enhancement of PAGASA's Weather Observing Facilities	200000200006000	41%	60%	77%	80%	80%	18%	33%	50%	-	-		
Advancing Climate Monitoring and Prediction System	200000200009000	10%	25%	30%	33%	33%	20%	25%	28%	-	-		
Operationalization of Agrometeorological Information System	200000200010000	25%	50%	70%	80%	80%	30%	40%	60%	-	-		
OPERATIONS													
WEATHER AND CLIMATE FORECASTING AND WARNING	31010000000000												
OO : Enhanced safety and resiliency of Filipinos to disaster													
Outcome Indicator													
1. Percentage of 81 provinces including Metro Manila		94%	94%	94%	94%	94%	94%	94%	94%	-	-		
that have robust science-based weather related													
information and services in their disaster risk													
reduction plans													
Output Indicators													
1. Percentage accuracy of typhoon track forecast:		-	-	-	-	N/A	N/A	N/A	N/A	-	-		
error reduced to 100km for 24-hr forecast													
2. Percentage of timely weather and tropical cyclone		94%	94%	94%	94%	94%	100%	100%	100%	-	-		
warnings issued within fifteen (15) minutes of													
scheduled time													
3. Number of seasonal climate forecasts, climate impact		214	218	251	223	906	211	224	241	-	-		
assessment, tropical cyclone warning advisory													
(TCWA) for agriculture and farm weather forecasts													
and advisories issued													

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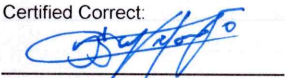
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4. Annual Mean 24-hour Forecast Track Error (in kilometers)		Typhoon-less than or equal to 100 km; Tropical Storm - less than or equal to 120 km	Typhoon-less than or equal to 100 km; Tropical Storm - less than or equal to 120 km	Typhoon-less than or equal to 100 km; Tropical Storm - less than or equal to 120 km	Typhoon-less than or equal to 100 km; Tropical Storm - less than or equal to 120 km	Typhoon-less than or equal to 100 km; Tropical Storm - less than or equal to 120 km	No Tropical Cyclone during the 1st Quarter of 2020	60km	54.6km	-	-		
Locally-Funded Project (s)													
Providing High Resolution (5km) Climate Change Projections in the Philippines Using Weather Research and Forecasting (WRF) Model	310100200002000	80%	100%	-	-	100%	60%	62%	62%	-	-		
PAGASA Meteorological Information System Application Performance Management (APM) with Secure Edge Connectivity	310100200009000	100%	-	-	-	100%	60%	95%	95%	-	-		
PAGASA Unified Meteorological Information System (PUMIS) Storage Expansion	310100200010000	100%	-	-	-	100%	60%	79%	79%	-	-		
Identity and Access Management with Active Directory for Database Management System	31010020001100	100%	-	-	-	100%	45%	60%	60%	-	-		
Improved Data Analytics on Weather Forecasting	310100200006000	72%	80%	90%	100%	100%	65%	65%	69%	-	-		
FLOOD FORECASTING AND WARNING PROGRAM	310200000000000												
OO : Enhanced safety and resiliency of Filipinos to disaster													
Outcome Indicator													
1. Reduced number of casualties		-	-	-	-	0 casualty	-	-	-	-	-		
Output Indicators													
1. Number of timely and accurate flood warnings issued		600	450	950	1,000	3,000	154	161	172	-	-		
2. Percentage of timely flood warning issued within fifteen (15) minutes of scheduled time		95%	94%	94%	95%	94.5%	95%	96%	96%	-	-		
3. Number of hazard maps developed/generated/updated		1	1	1	1	4	1	1	1	-	-		
RESEARCH AND DEVELOPMENT ON ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL AND ALLIED SCIENCES PROGRAM	310300000000000												
OO : Enhanced safety and resiliency of Filipinos to disaster													
Outcome Indicators													
1. Percentage of stakeholders who rated the forecasting capability services as satisfactory or better		90%	90%	90%	90%	90%	90%	86%	90%	-	-		
2. Percentage increase of LGUs that use the hazard maps		80%	80%	80%	80%	80%	100%	100%	100%	-	-		

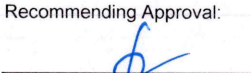
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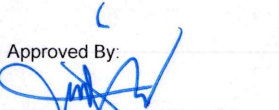
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Output Indicators													
1. Number of researches/studies completed/published/operationalized and development of real innovative/pioneering projects		2	2	2	1	7	1	0	1	-	-		
2. Percentage of involvement on the localization of instruments, facilities and models through innovation, collaboration and linkages		100%	100%	100%	100%	100%	100%	100%	100%	-	-		
3. Number of technical assistance on actions/policies adapted by the LGU		27	22	22	27	98	15	6	5	-	-		

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Certified Correct:

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