

QUARTERLY PHYSICAL REPORT OF OPERATION

As of June 30, 2021

Department of Environmental Protection

Water Administration Division

First Avenue

Springfield, MA 01103

QUARTERLY PHYSICAL REPORT OF OPERATION (BAR No. 1)

QUARTERLY PHYSICAL REPORT OF OPERATION

As of June 30, 2021

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)													
All Weather Communication System (Phase 1)	200000200011000	80%	100%			100%	30%	60%					
Enhancement of PAGASA's Weather Observing Facilities	200000200006000	64%	70%	86%	100%	100%	62%	64%					
OPERATIONS													
WEATHER AND CLIMATE FORECASTING AND WARNING													
OO : Enhanced safety and resiliency of Filipinos to disaster risks													
Outcome Indicator													
1. Percentage of 81 provinces including Metro Manila													
that have robust science-based weather related													
information and services in their disaster risk													
reduction plans													
Output Indicators													
1. Percentage of timely weather and tropical cyclone													
warnings issued within fifteen (15) minutes of													
scheduled time													
2. Number of seasonal climate forecasts, climate impact													
assessment, tropical cyclone warning advisory													
(TCWA) for agriculture and farm weather forecasts													
and advisories issued													

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3. 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	Ty=No Ty TS=209km	Ty=40.5km TS=112.7km.					
Locally-Funded Project (s)													
Integrated Digital Weather Forecasting Project	310100200008000	7%	47%	92%	100%	100%	5%	15%					
Improved Data Analytics on Weather Forecasting	310100200006000	11%	47%	88%	100%	100%	6%	6%					
Digital Tape Library for Long-Term Data Storage	310100200011000	17%	42%	75%	100%	100%	10%	27%					
FLOOD FORECASTING AND WARNING PROGRAM	310200000000000												
OO : Enhanced safety and resiliency of Filipinos to disaster risks													
Outcome Indicator													
1. Reduced number of casualties		0	0	0	0	0	-	-					
Output Indicators													
1. Number of timely and accurate flood warnings issued		350	300	750	500	1,900	464	165					
2. Percentage of timely flood warning issued within fifteen (15) minutes of scheduled time		94%	94%	94%	94%	94%	94%	96%					
3. Number of hazard maps developed/generated/updated		0	5	5	10	20	3	7					
Locally-Funded Project (s)													
Establishment of an Integrated Hydrological Data Management System (HDMS) for Flood Forecasters	310200200004000	0%	25%	100%		100%	0%	23%					
Conversion of Mobile X-Band Radars Into Fixed Stations	310200200010000	0%	0%	30%	75%	75%	1%	9%					
RESEARCH AND DEVELOPMENT ON ATMOSPHERIC,	310300000000000												
OO : Enhanced safety and resiliency of Filipinos to disaster risks from													
Outcome Indicators													
1. Percentage of stakeholders who rated the forecasting capability services as satisfactory or better		90%	90%	90%	90%	90%	92%	95%					
2. Percentage increase of LGUs that use the hazard maps		80%	80%	80%	80%	80%	100%	100%					

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Output Indicators													
1. Number of researches/studies completed/published/operationalized and development of real innovative/pioneering projects		0	1	1	2	4	1	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%					
3. Number of technical assistance on actions/policies adapted by the LGU		27	22	22	27	98	20	23					
Locally-Funded Project (s)													
Harmonization of PAGASA Geographical Information System (GIS)-Base Products and Services	310300200011000	3%	20%	47%	67%	67%	3%	23%					
Development of Research and Development Information System	310300200012000	1%	5%	9%	10%	10%	1%	4%					
Development of Research and Development Information System Storage Expansion	310300200013000	17%	35%	49%	59%	59%	13%	27%					
Expansion Library Holdings and Development of Training Management Information System	310300200014000	15%	36%	43%	48%	48%	15%	35%					
Development of Numerical Modelling Information System	310300200015000	17%	34%	52%	69%	69%	13%	27%					
Development of HydroMet TropMet and Instrument Research Information System	310300200016000	0%	7%	10%	20%	20%	2%	5%					
Development of Astronomical Archive Information System	310300200017000	4%	11%	18%	29%	29%	4%	10%					

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