QUARTERLY PHYSICAL REPORT OF OPERATION (BAR No. 1)



QUARTERLY PHYSICAL REPORT OF OPERATION

As of March 31, 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

< not applicable >

Particulars	UACS CODE	Physical Target (Budget Year)					Physical Accomplishment (Budget Year)						
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	Variance	Remarks
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%						
Enhancement of PAGASA's Weather Observing Facilities	200000200006000	64%	70%	86%	100%	100%	62%						
OPERATIONS													
WEATHER AND CLIMATE FORECASTING AND WARNING	31010000000000												
OO : Enhanced safety and resiliency of Filipinos to disaster risks													
Outcome Indicator													
1. Percentage of 81 provinces including Metro Manila		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 of timely weather and tropical cyclone		94%	94%	94%	94%	94%	100%						
warnings issued within fifteen (15) minutes of													
scheduled time													
2. Number of seasonal climate forecasts, climate impact		223	227	260	232	942	224						
assessment, tropical cyclone warning advisory													
(TCWA) for agriculture and farm weather forecasts													
and advisories issued													
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			Ty=No Ty TS=209km						
Locally-Funded Project (s)		10 120 Km	10_12U_KM			10 120 km							

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Physical Target (Budget Year) Physical Accomplishment (Budget Year) Particulars UACS CODE Variance Remarks 2nd 2nd **1st Quarter** 3rd Quarter 4th Quarter Total **1st Quarter** 3rd Quarter 4th Quarter Total Quarter Quarter 1 2 3 4 5 6 7 8 9 10 12 13 14 11 Integrated Digital Weather Forecasting Project 310100200008000 7% 47% 92% 100% 100% 5% Improved Data Analytics on Weather Forecasting 310100200006000 11% 47% 88% 100% 100% 6% Digital Tape Library for Long-Term Data Storage 310100200011000 17% 42% 75% 100% 100% 10% FLOOD FORECASTING AND WARNING PROGRAM 310200000000000 OO : Enhanced safety and resiliency of Filipinos to disaster risks Outcome Indicator . Reduced number of casualties 0 0 0 0 0 -Output Indicators . Number of timely and accurate flood warnings issued 350 300 750 500 1,900 464 . Percentage of timely flood warning issued within 94% 94% 94% 94% 94% 94% fifteen (15) minutes of scheduled time . Number of hazard maps developed/generated/updated 0 5 5 10 20 3 Locally-Funded Project (s) Establishment of an Integrated Hydrological Data Management 310200200004000 0% 25% 100% 100% 0% System (HDMS) for Flood Forecasters Conversion of Mobile X-Band Radars Into Fixed Stations 310200200010000 0% 75% 75% 0% 30% 1% RESEARCH AND DEVELOPMENT ON ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL AND ALLIED SCIENCES 310300000000000 PROGRAM OO : Enhanced safety and resiliency of Filipinos to disaster risks Outcome Indicators . Percentage of stakeholders who rated the 90% 90% 90% 90% 90% 92% forecasting capability services as satisfactory or better . Percentage increase of LGUs that use the hazard maps 80% 80% 80% 80% 80% 100% Output Indicators Number of researches/studies completed/published/ 0 2 4 1 1 1 operationalized and development of real innovative/ pioneering projects Percentage of involvement on the localization of 100% 100% 100% 100% 100% 100% instruments, facilities and models through

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Physical Target (Budget Year) Physical Accomplishment (Budget Year) Particulars UACS CODE Variance Remarks 2nd 2nd 1st Quarter 3rd Quarter 4th Quarter Total **1st Quarter** 3rd Quarter 4th Quarter Total Quarter Quarter 1 2 3 4 5 6 7 8 10 14 9 11 12 13 innovation, collaboration and linkages 3. Number of technical assistance on actions/policies 27 22 22 27 98 20 adapted by the LGU Locally-Funded Project (s) Harmonization of PAGASA Geographical Information System 310300200011000 3% 20% 47% 67% 67% 3% (GIS)-Base Products and Services Development of Research and Development Information System 310300200012000 1% 5% 10% 9% 10% 1% Development of Research and Development Information System 310300200013000 17% 35% 59% 59% 49% 13% Storage Expansion Expansion Library Holdings and Development of Training 310300200014000 15% 36% 43% 48% 48% 15% Management Information System Development of Numerical Modelling Information System 310300200015000 17% 34% 52% 69% 69% 13% Development of HydroMet TropMet and Instrument Research 310300200016000 0% 7% 20% 10% 20% 2% Information System Development of Astronomical Archive Information System 310300200017000 4% 11% 18% 29% 29% 4%

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