

VOTE: 109 Uganda National Meteorological Authority (UNMA)

I. VOTE MISSION STATEMENT

To provide tailored quality meteorological services on weather, climate and atmospheric pollution for socio-economic development of Uganda.

II. STRATEGIC OBJECTIVE

Improve the quality and quantity of meteorological services

Promote the use of meteorological services

Strengthen the institutional capacity to provide quality and timely meteorological products

III. MAJOR ACHIEVEMENTS IN 2021/22

Evaporation pans in Soroti, Kitgum, Gulu, Wadelai, Arua, Kabale, Ntusi, Kibanda, Bushenyi, Mbarara, Kiige, Lira and Serere were installed. (0.0432Bn)

1024 Terminal Aerodrome Forecasts, 43 SIGMETs 32752 METARs and 4798 Flight folders were issued for Entebbe and Soroti (operating 24hrs); Gulu, Arua, Kasese, Kajjasi, Kabaale, Jinja and Tororo (operating 12hours) Aerodromes.

Pilot study on impacts of severe weather events on People with Disabilities (PWD) carried out in Kayunga and Jinja.

Data analysis completed and report writing ongoing production of the preliminary state of the climate report for Uganda for 2021. Data analysis conducted for the future state of Climate of 2030-2040

Rehabilitated DAVIS Automatic Weather Stations in Gulu and ADCON Automatic Weather Stations of Bududa, Kaliro and Makerere. (0.1058Bn)

38 out of 53 Manual Weather Stations functionality was improved, 85 Automatic Weather Stations were maintained, 64 rainfall stations were maintained functional across the country.(0.123Bn)

Two seasonal climate outlooks (June-December) were issued on for central, eastern, northern and western regions with advisories to particular climatological zones (0.015Bn)

UNMA strategic plan was approved by National Planning Authority

Engaged farmers and extension staff on application and utilisation of weather and climate information at farm level in Kasese, Bundibugyo and Buliisa (0.01185Bn).

Seasonal rainfall performance evaluations conducted in western and central districts of Mbarara, Sheema, Bushenyi, Rubirizi, Mityana, Kasanda, Mubende, Kiboga.(0.06Bn)

Conducted radio talk shows in Kapelebyong, Amuria, Katakwi, Bukedea and Serere to generate feedback on utilisation of meteorological forecasts and impacts of severe weather conditions (0.025Bn)

Daily forecasts were disseminated to 3 media houses of UBC TV, Star TV AND Bukedde 1 T.V after the newscasts in Luganda, Swahili and English(0.06225Bn)

2 Television programs on UBC, 1 on NBS, 1 on NTV, 1 on Delta, and 1 on BB

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IV. MEDIUM TERM BUDGET ALLOCATIONS

Table 4.1: Overview of Vote Expenditure (Ushs Billion)

		MTEF Budget Projections				
		2022/23 Proposed Budget	2023/24	2024/25	2025/26	2026/27
Recurrent	Wage	7.413	7.413	7.413	7.413	7.413
	Non-Wage	3.686	3.686	3.686	3.686	3.686
Devt.	GoU	6.557	6.557	6.557	6.557	6.557
	Ext Fin.	0.000	0.000	0.000	0.000	0.000
	GoU Total	17.656	17.656	17.656	17.656	17.656
	Total GoU+Ext Fin (MTEF)	17.656	17.656	17.656	17.656	17.656
	Arrears	0.000	0.000	0.000	0.000	0.000
	Total Budget	17.656	17.656	17.656	17.656	17.656
	Total Vote Budget Excluding	17.656	17.656	17.656	17.656	17.656

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Table 4.2: Budget Allocation by Department for Recurrent and Development (Ushs Billion)

<i>Billion Uganda Shillings</i>	Draft Budget Estimates FY 2022/23	
	Recurrent	Development
Programme:06 NATURAL RESOURCES, ENVIRONMENT, CLIMATE CHANGE, LAND AND WATER	11.099	6.557
SubProgramme:01 Environment and Natural Resources Management	11.099	6.557
Sub SubProgramme:01 National Meteorological Services	11.099	6.557
002 Finance and administration	11.099	6.557
Total for the Vote	11.099	6.557

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V. PERFORMANCE INDICATORS AND PLANNED OUTPUTS

Table 5.1: Performance Indicators

Programme: 06 NATURAL RESOURCES, ENVIRONMENT, CLIMATE CHANGE, LAND AND WATER				
SubProgramme: 01 Environment and Natural Resources Management				
Sub SubProgramme: 01 National Meteorological Services				
Project: 1678 Retooling of Uganda National Meteorological Authority				
Budget Output: 000003 Facilities and Equipment Management				
PIAP Output: Functional automatic weather stations installed and maintained				
Indicator Name	Indicator Measure	Base Year	Base Level	Performance Targets
				2022/23
Number of automatic meteorological stations operational	Number	2020/21	91	100
Budget Output: 140012 Applied meteorology,data and climate services				
PIAP Output: Information and knowledge base on projected climate trends and impacts established and disseminated				
Indicator Name	Indicator Measure	Base Year	Base Level	Performance Targets
				2022/23
No. of research studeis undertaken	Number	2020-21	1	2
Budget Output: 140014 Weather observation and forecasting				
PIAP Output: Weather and air pollution monitoring station network expanded and functional				
Indicator Name	Indicator Measure	Base Year	Base Level	Performance Targets
				2022/23
Functional automatic weather stations installed and maintained.	Number	2020/21	91	100
Budget Output: 140017 Meteorological Research				
PIAP Output: Research on future climate trends and potential impacts undertaken.				
Indicator Name	Indicator Measure	Base Year	Base Level	Performance Targets
				2022/23
Number of research studies undertaken.	Number	2020/21	2	2

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VI. VOTE NARRATIVE

Vote Challenges

Due to the capital-intensive nature of meteorological equipment, stations have only one set of instruments making it difficult to withdraw the equipment for the periodic calibration

Plans to improve Vote Performance

Initiate Procurement processes in the first and finalise them by the second quarter to avoid delays caused by the lengthy process.

VII. Off Budget Support

Table 7.1: Off Budget Support by Project and Department

N/A

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VIII. VOTE CROSS CUTTING POLICY AND OTHER BUDGETARY ISSUES

Table 8.1: Cross- Cutting Policy Issues

i) Gender and Equity

OBJECTIVE	Increase access to weather and climate information
Issue of Concern	Access to weather and climate information by women, men and vulnerable groups is a challenge due to the dissemination mechanisms that have been previously used.
Planned Interventions	Design different channels for dissemination of weather and climate information to the women, men and other vulnerable groups
Budget Allocation (Billion)	0.126
Performance Indicators	Number of dissemination channels for weather and climate information utilised (4)

ii) HIV/AIDS

OBJECTIVE	Increase access to medical care for HIV/AIDS related illness
Issue of Concern	There are days when data flow to the Headquarters is hindered by the absence of a staff to make observations at the weather stations due to HIV/AIDSs related illness.
Planned Interventions	Provision of Medical insurance to all staff and implementation of the UNMA HIV/AIDS Policy
Budget Allocation (Billion)	0.700
Performance Indicators	Number of staff enrolled on the medical insurance scheme(218)

iii) Environment

OBJECTIVE	Increase air pollution monitoring
Issue of Concern	air pollution is a challenge which is partly because there's no equipment to monitor the pollution levels for appropriate actions to be taken
Planned Interventions	Procure 1 air pollution monitoring equipment for 1 urban area
Budget Allocation (Billion)	0.790
Performance Indicators	Number of air pollution monitoring equipment procured(1)

iv) Covid

OBJECTIVE	Enhance adherence to Standard Operating Procedures
Issue of Concern	Adherence to Standard Operating Procedures issued by MoH is challenging
Planned Interventions	Procurement of cleaning items and Covid 19 related items
Budget Allocation (Billion)	0.060
Performance Indicators	Number of stations supplied with cleaning items (53)

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IX. PERSONNEL INFORMATION

Table 9.1: Staff Establishment Analysis

N / A

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Table 9.2: Staff Recruitment Plan

N / A