

# **VOTE: 109 Uganda National Meteorological Authority (UNMA)**

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## **I. VOTE MISSION STATEMENT**

To provide tailored quality meteorological services on weather, climate and atmospheric pollution for socioeconomic 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 2023/24**

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

Conducted radio talk shows in Jinja (1), Mbale (2) and Soroti (1) to assess weather and climate information dissemination and related feedback, 3 radio programs were conducted on CBS radio, Bukedde Radio and KFM on seasonal forecast, severe weather alert, monthly updates and conducted 3 Television Interviews on NTV, NBS, BBS TELEFAINA and UBC on monthly updates and severe weather alerts Held one Media training activity in Mbarara in conjunction with IGAD Released the September to December (SOND) seasonal outlook at the Uganda Media Centre.

1,104 Terminal Aerodrome Forecasts, 78 SIGMETs and 35,328 METARs and 8,386 Flight folders issued for Entebbe and Soroti (operating 24hrs), Gulu, Arua, Kasese, Kajjasi, Kabaale, Jinja and Tororo (operating 12hours) Aerodromes.

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

75 ADCON stations, 32 Manual stations and 67 Rain gauges were maintained to produce weather data.

39 Automatic Weather Stations, 19 Manual stations and 22 rain gauges inspected across the country to sustain their operations

Draft of the State of the Climate of Uganda Report 2023 completed.

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## IV. MEDIUM TERM BUDGET ALLOCATIONS

Table 4.1: Overview of Vote Expenditure (Ushs Billion)

	2023/24		2024/25	MTEF Budget Projections				
	Approved Budget	Spent by End Dec	Budget Estimates	2025/26	2026/27	2027/28	2028/29	
<b>Recurrent</b>	Wage	7.413	3.433	9.013	9.464	9.937	10.434	11.478
	Non-Wage	8.424	1.740	8.420	8.588	10.048	11.556	13.867
<b>Devt.</b>	GoU	0.605	0.028	0.610	0.641	0.737	0.810	0.972
	Ext Fin.	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>GoU Total</b>		<b>16.441</b>	<b>5.201</b>	<b>18.043</b>	<b>18.693</b>	<b>20.722</b>	<b>22.800</b>	<b>26.317</b>
<b>Total GoU+Ext Fin (MTEF)</b>		<b>16.441</b>	<b>5.201</b>	<b>18.043</b>	<b>18.693</b>	<b>20.722</b>	<b>22.800</b>	<b>26.317</b>
Arrears		0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total Budget</b>		<b>16.441</b>	<b>5.201</b>	<b>18.043</b>	<b>18.693</b>	<b>20.722</b>	<b>22.800</b>	<b>26.317</b>
<b>Total Vote Budget Excluding Arrears</b>		<b>16.441</b>	<b>5.201</b>	<b>18.043</b>	<b>18.693</b>	<b>20.722</b>	<b>22.800</b>	<b>26.317</b>

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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 2024/25	
	Recurrent	Development
<b>Programme:06 Natural Resources, Environment, Climate Change, Land And Water Management</b>	<b>17.433</b>	<b>0.610</b>
<b>SubProgramme:01 Environment and Natural Resources Management</b>	<b>17.433</b>	<b>0.610</b>
<b>Sub SubProgramme:01 National Meteorological Services</b>	<b>17.433</b>	<b>0.610</b>
001 Applied Meteorology,Data and Climate Services	0.277	0.000
002 Finance and administration	14.808	0.610
003 Forecasting Services	1.519	0.000
004 Station Networks and Observations	0.490	0.000
005 Training and Research	0.339	0.000
<b>Total for the Vote</b>	<b>17.433</b>	<b>0.610</b>

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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 Management

SubProgramme: 01 Environment and Natural Resources Management

Sub SubProgramme: 01 National Meteorological Services

Department: 001 Applied Meteorology, Data and Climate Services

Budget Output: 000090 Climate Change Adaptation

PIAP Output: Research on future climate trends and potential impacts undertaken.

Programme Intervention: 060601 Enhance access and uptake of meteorological information

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of research studies undertaken.	Number	2021-22	1			1

Budget Output: 140012 Applied meteorology, data and climate services

PIAP Output: Information and knowledge base on projected climate trends and impacts established and disseminated

Programme Intervention: 060601 Enhance access and uptake of meteorological information

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
No. of research studeis undertaken	Number	2021-22	1	1	1	1

Department: 002 Finance and administration

Budget Output: 000004 Finance and Accounting

PIAP Output: Research on future climate trends and potential impacts undertaken.

Programme Intervention: 060601 Enhance access and uptake of meteorological information

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of research studies undertaken.	Number	2021-22	1	1	1	2

**VOTE: 109 Uganda National Meteorological Authority (UNMA)****Sub SubProgramme: 01 National Meteorological Services****Department: 002 Finance and administration****Budget Output: 000005 Human Resource Management****PIAP Output: Research on future climate trends and potential impacts undertaken.****Programme Intervention: 060601 Enhance access and uptake of meteorological information**

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of research studies undertaken.	Number	2021-22	1	1	1	2

**Budget Output: 000008 Records Management****PIAP Output: Research on future climate trends and potential impacts undertaken.****Programme Intervention: 060601 Enhance access and uptake of meteorological information**

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of research studies undertaken.	Number	2021-22	1	1	1	2

**Budget Output: 000013 HIV/AIDS Mainstreaming****PIAP Output: Research on future climate trends and potential impacts undertaken.****Programme Intervention: 060601 Enhance access and uptake of meteorological information**

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of research studies undertaken.	Number	2021-22	1			2

**Department: 003 Forecasting Services****Budget Output: 140014 Weather observation and forecasting****PIAP Output: Weather and air pollution monitoring station network expanded and functional****Programme Intervention: 060604 Install new and adequately equip and maintain existing automatic weather stations to ensure maximum functionality**

**VOTE: 109 Uganda National Meteorological Authority (UNMA)****Sub SubProgramme: 01 National Meteorological Services****Department: 003 Forecasting Services****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	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Functional automatic weather stations installed and maintained.	Number	2021-22	73	175	91	100

**Department: 004 Station Networks and Observations****Budget Output: 140015 Weather and climate monitoring****PIAP Output: Functional automatic weather stations installed and maintained****Programme Intervention: 060604 Install new and adequately equip and maintain existing automatic weather stations to ensure maximum functionality**

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of automatic meteorological stations operational	Number	2021-22	169	175	73	100

**Department: 005 Training and Research****Budget Output: 140017 Meteorological Research****PIAP Output: Research on future climate trends and potential impacts undertaken.****Programme Intervention: 060601 Enhance access and uptake of meteorological information**

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of research studies undertaken.	Number	2021-22	1	1	1	1

**Project: 1678 Retooling of Uganda National Meteorological Authority****Budget Output: 000003 Facilities and Equipment Management****PIAP Output: Functional automatic weather stations installed and maintained****Programme Intervention: 060604 Install new and adequately equip and maintain existing automatic weather stations to ensure maximum functionality**

**VOTE: 109 Uganda National Meteorological Authority (UNMA)****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	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of automatic meteorological stations operational	Number	2021-22	169	175	73	100

**Budget Output: 000004 Finance and Accounting****PIAP Output: Research on future climate trends and potential impacts undertaken.****Programme Intervention: 060601 Enhance access and uptake of meteorological information**

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of research studies undertaken.	Number	2021-22	1			2

**Budget Output: 140013 Weather information processing****PIAP Output: Functional automatic weather stations installed and maintained****Programme Intervention: 060604 Install new and adequately equip and maintain existing automatic weather stations to ensure maximum functionality**

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of automatic meteorological stations operational	Number	2021-22	169	175	73	100

**Budget Output: 140015 Weather and climate monitoring****PIAP Output: Functional automatic weather stations installed and maintained****Programme Intervention: 060604 Install new and adequately equip and maintain existing automatic weather stations to ensure maximum functionality**

# VOTE: 109 Uganda National Meteorological Authority (UNMA)

**Sub SubProgramme: 01 National Meteorological Services**

**Project: 1678 Retooling of Uganda National Meteorological Authority**

**Budget Output: 140015 Weather and climate monitoring**

**PIAP Output: Functional automatic weather stations installed and maintained**

Indicator Name	Indicator Measure	Base Year	Base Level	2023/24		Performance Targets
				Target	Q2 Performance	2024/25
Number of automatic meteorological stations operational	Number	2021-22	169	175	73	100



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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 quarter and finalise them by the second quarter to avoid delays caused by the lengthy process.

## VII. Off Budget Support and NTR Projections

**Table 7.1: Off Budget Support by Project and Department**

<i>Billion Uganda Shillings</i>	<b>2024/25 Draft Estimates</b>
<b>Programme : 06 Natural Resources, Environment, Climate Change, Land And Water Management</b>	<b>3.292</b>
<b>SubProgramme: 01 Environment and Natural Resources Management</b>	<b>3.292</b>
<b>Sub SubProgramme : 01 National Meteorological Services</b>	<b>3.292</b>
Department: 005 Training and Research	0.486
Project: 1678 Retooling of Uganda National Meteorological Authority	2.806
<b>Total For The Vote</b>	<b>3.292</b>

**VOTE: 109 Uganda National Meteorological Authority (UNMA)****Table 7.2: NTR Projections(Uganda Shillings Billions)**

<b>Revenue Code</b>	<b>Revenue Name</b>	<b>FY2023/24</b>	<b>Projection FY2024/25</b>
114419	Other taxes on specific services	1.700	1.700
144149	Miscellaneous receipts/income	0.500	0.500
<b>Total</b>		<b>2.200</b>	<b>2.200</b>

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## VIII. VOTE CROSS CUTTING POLICY AND OTHER BUDGETARY ISSUES

Table 8.1: Cross- Cutting Policy Issues

### i) Gender and Equity

<b>OBJECTIVE</b>	Increase access to weather and climate information by women, men and vulnerable groups
<b>Issue of Concern</b>	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.
<b>Planned Interventions</b>	Design different channels for dissemination of weather and climate information to the women, men and other vulnerable groups
<b>Budget Allocation (Billion)</b>	0.040
<b>Performance Indicators</b>	Number of new dissemination channels used

### ii) HIV/AIDS

<b>OBJECTIVE</b>	Reduce delays in data flow to head quarters
<b>Issue of Concern</b>	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.
<b>Planned Interventions</b>	Provision of Medical insurance to all staff and implementation of the UNMA HIV/AIDS Policy
<b>Budget Allocation (Billion)</b>	0.669
<b>Performance Indicators</b>	Payment for medical insurance on a quarterly basis

### iii) Environment

<b>OBJECTIVE</b>	enhancing resilience to extreme weather events
<b>Issue of Concern</b>	Climate change impacts have increased the occurrence and severity of extreme weather events due to changes in weather patterns and climatic conditions
<b>Planned Interventions</b>	Advanced weather forecasting modeling and data-driven analytics to improve prediction of environmental changes. Enhance public awareness and education programs to promote environmental stewardship among the population
<b>Budget Allocation (Billion)</b>	0.001
<b>Performance Indicators</b>	Number of public awareness and education programs to promote environmental stewardship

### iv) Covid

N / A

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## IX. PERSONNEL INFORMATION

Table 9.1: Staff Establishment Analysis

Title	Salary Scale	Number of Approved Positions	Number of filled Positions
Communication Assisatnt	A7a	8	5
Deputy Principal.	AS5	1	0
Director	A2	5	4
Executive Director	A1	1	0
Lecturer.	AS8	4	3
Manager	A3	8	6
Office Attendant.	AS12	1	0
Pool Stenographer.	AS11	2	1
Principal	A4	4	2
Principal Lecturer.	AS6	3	2
Principal.	AS4	1	0
Records Assistant	A8	3	2
Senior Internal Auditor	A5	1	0
Senior Lecturer.	AS7	3	1
Waitress.	AS13	2	1
Weather Analyst	A6a	9	6
Weather Observer	A7b	63	58

**VOTE: 109 Uganda National Meteorological Authority (UNMA)****Table 9.2: Staff Recruitment Plan**

Post Title	Salary Scale	No. Of Approved Posts	No. Of Filled Posts	No. Of Vacant Posts	No. Of Posts Cleared for Filling FY2024/25	Gross Salary Per Month (UGX)	Total Annual Salary (UGX)
Communication Assisatnt	A7a	8	5	3	3	2,200,000	79,200,000
Deputy Principal.	AS5	1	0	1	1	6,150,000	73,800,000
Director	A2	5	4	1	1	7,500,000	90,000,000
Executive Director	A1	1	0	1	1	10,000,000	120,000,000
Lecturer.	AS8	4	3	1	1	3,500,000	42,000,000
Manager	A3	8	6	2	2	6,500,000	156,000,000
Office Attendant.	AS12	1	0	1	1	600,000	7,200,000
Pool Stenographer.	AS11	2	1	1	1	1,000,000	12,000,000
Principal	A4	4	2	2	2	5,500,000	132,000,000
Principal Lecturer.	AS6	3	2	1	1	5,500,000	66,000,000
Records Assistant	A8	3	2	1	1	2,000,000	24,000,000
Senior Internal Auditor	A5	1	0	1	1	4,150,000	49,800,000
Senior Lecturer.	AS7	3	1	2	2	4,200,000	100,800,000
Waitress.	AS13	2	1	1	1	500,000	6,000,000
Weather Analyst	A6a	9	6	3	3	3,500,000	126,000,000
Weather Observer	A7b	63	58	5	5	2,000,000	120,000,000
<b>Total</b>					<b>27</b>	<b>64,800,000</b>	<b>1,204,800,000</b>