
METEOROLOGICAL SERVICES

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PART A: OVERVIEW OF MINISTRY

I. STRATEGIC NOTE

- 1. Major Achievements for 2011**
 - Warning systems with respect to natural disasters such as cyclones, torrential rains and tsunamis consolidated. Appropriate warnings and information provided.
 - Meteorological forecasts provided to the aviation sector. Revenue rose to Rs16 million due to increase of airline traffic.
 - Meteorological services certified ISO 9001:2008.
 - Dependency on fossil fuel reduced in St. Brandon and Agalega with the use of solar panels which ensure an adequate supply of energy on a regular basis for the communication system.
 - Transmet Receiver installed for reception and dissemination of information internationally.
 - In house training provided to Trainee Meteorological Technicians.

- 2. Major Constraints and Challenges and how they are being addressed**
 - Monitoring of stand-alone equipment and ageing of automatic weather stations.
 - Need for renewal and better maintenance of equipment.
 - Due to the nature of the 24/7 work schedule, it is difficult to release personnel for capacity building and for participation in activities of other institutions, relating to adaptation of climate change, renewable energy and MID.
 - Personnel trained on a priority basis through bilateral agreements with international agencies and in-house training organized.
 - No weather radar available.
 - Will acquire a weather radar.

- 3. Strategic Direction 2012-2014**

The Meteorological Services Department will:

 - Improve weather forecasts by acquiring real time observations and information. In particular, disaster risks will be reduced.
 - Provide meteorological warnings to all stakeholders to minimize loss of life and property from weather hazards.
 - Support socio-economic development by providing information gathered from exploitation of data for sustainable development to contractors and planners.

Meteorological Services - *continued*

4. Priority Objectives and Major Services to be provided for 2012-2014

Programme 281: Meteorological Services

Priority Objectives:

- Be a proactive, highly efficient and effective institution.
- Provide accurate and timely weather information and meteorological services for the general welfare of the citizens of the Republic.

Major Services:

- Warning of natural hazards affecting the Republic of Mauritius.
- Maritime and aeronautical forecasts for national and international purposes.
- Monitoring and timely warnings of Tsunami for the Republic of Mauritius.
- Systematic archival of meteorological data on weather elements and generate products requested by clients.
- Medium to long range seasonal forecasts for policy makers.
- Provision of meteorological information and advise to key stakeholders.

II. SUMMARY OF FINANCIAL RESOURCES BY PROGRAMMES AND SUB-PROGRAMMES

Code	Programmes and Sub-Programmes	Rs	Rs	Rs	Rs
		2011 Estimates	2012 Estimates	2013 Planned	2014 Planned
281	Meteorological Services	70,317,000	126,472,000	118,315,000	80,370,000
	Total	70,317,000	126,472,000	118,315,000	80,370,000

III. SUMMARY OF FUNDED POSITIONS BY PROGRAMMES AND SUB-PROGRAMMES

Code	Programmes	Total		% Distribution	
		In Post 2011	Funded 2012	2011	2012
281	Meteorological Services	129	143	100%	100%
	Total	129	143	100%	100%

Meteorological Services - continued

PART B: SERVICES TO BE PROVIDED AND PERFORMANCE INFORMATION

DELIVERY UNIT	SERVICES TO BE PROVIDED	PERFORMANCE				
		Service Standards (Indicators)	2010 Actual	2012 Targets	2013 Targets	2014 Targets
PROGRAMME 281: Meteorological Services						
Outcome: Accurate and timely weather information and meteorological services for the population.						
Main Meteorological Office	S1: Policy and Management Services.	SS1: PBB Strategic Plan in line with guidelines submitted.	-	May	May	Apr
		SS2: % of requests acknowledged within 5 working days	90%	90%	95%	95%
	S2: Meteorological Services	SS1: Accuracy of weather forecasts	85%	87%	89%	90%

PART C: INPUTS - FINANCIAL RESOURCES

1. SUMMARY BY ECONOMIC CATEGORIES

Code	Economic Categories	Rs	Rs	Rs	Rs
		2011 Estimates	2012 Estimates	2013 Planned	2014 Planned
21	Compensation of Employees	53,220,000	54,377,000	55,350,000	56,100,000
22	Goods and Services	7,325,000	8,510,000	8,165,000	8,455,000
24	Interest	-	-	-	-
25	Subsidies	-	-	-	-
26	Grants	772,000	785,000	800,000	815,000
27	Social Benefits	-	-	-	-
28	Other Expenses	-	-	-	-
31	Acquisition of Non-Financial Assets	9,000,000	62,800,000	54,000,000	15,000,000
32	Acquisition of Financial Assets	-	-	-	-
	Total	70,317,000	126,472,000	118,315,000	80,370,000

2. SUMMARY FOR YEAR 2012

Code	Programmes	Rs	Rs	Rs	Rs
		Compensation of Employees [code 21]	Goods and Services [code 22]	Subsidies/ grants [codes 25-28]	Acquisition of Assets [codes 31- 32]
281	Meteorological Services	54,377,000	8,510,000	785,000	62,800,000
	Total	54,377,000	8,510,000	785,000	62,800,000

Programme 281 : Meteorological Services

Item No.	Details	Rs	Rs	Rs	Rs
		2011 Estimates	2012 Estimates	2013 Planned	2014 Planned
21	Compensation of Employees	53,220,000	54,377,000	55,350,000	56,100,000
21110	Personal Emoluments	46,600,000	47,452,000	48,520,000	49,170,000
21111	Other Staff Costs	6,620,000	6,525,000	6,430,000	6,530,000
21210	Social Contributions	-	400,000	400,000	400,000
22	Goods and Services	7,325,000	8,510,000	8,165,000	8,455,000
22010	Cost of Utilities	1,965,000	2,565,000	2,565,000	2,565,000
22020	Fuel and Oil	375,000	400,000	400,000	425,000
22040	Office Equipment and Furniture	235,000	255,000	255,000	255,000
22050	Office Expenses	340,000	340,000	340,000	350,000
22060	Maintenance	1,625,000	2,100,000	1,725,000	1,875,000
22100	Publications and Stationery	285,000	300,000	305,000	315,000
22120	Fees	275,000	275,000	275,000	300,000
22150	Scientific and Laboratory Equipment and Supplies	1,500,000	1,500,000	1,500,000	1,500,000
22150001	<i>Laboratory Apparatuses and Supplies</i>	<i>1,500,000</i>	<i>1,500,000</i>	<i>1,500,000</i>	<i>1,500,000</i>
22900	Other Goods and Services	725,000	775,000	800,000	870,000

F(i)

F(ii)

Meteorological Services - continued

Item No.	Details	Rs	Rs	Rs	Rs
		2011 Estimates	2012 Estimates	2013 Planned	2014 Planned
26	Grants	772,000	785,000	800,000	815,000
26210	Current Grant to International Organisations	772,000	785,000	800,000	815,000
	<i>of which:</i>				
26210023	<i>Contribution to World Meteorological Organisation (Regular Budget)</i>	400,000	405,000	415,000	420,000
26210024	<i>Contribution to World Meteorological Organisation (Voluntary Co-operation Programme)</i>	52,000	55,000	57,000	60,000
26210025	<i>Contribution to World Meteorological Organisation (Intergovernmental Panel on Climate Change)</i>	103,000	105,000	107,000	110,000
26210026	<i>Contribution to African Centre of Meteorological Applications for Development (ACMAD)</i>	217,000	220,000	221,000	225,000
31	Acquisition of Non-Financial Assets	9,000,000	62,800,000	54,000,000	15,000,000
31113	Other Structures	-	800,000	-	-
31113027	<i>Construction of wall</i>	-	800,000	-	-
31122	Other Machinery and Equipment	9,000,000	62,000,000	54,000,000	15,000,000
31122802	<i>Acquisition of IT Equipment</i>	9,000,000	12,000,000	14,000,000	5,000,000
31122999	<i>Acquisition of Doppler Weather Radar</i>	-	50,000,000	40,000,000	10,000,000
	Total	70,317,000	126,472,000	118,315,000	80,370,000

Meteorological Services - continued

PART D: HUMAN RESOURCES

STAFFING POSITIONS BY PROGRAMMES AND SUB-PROGRAMMES

Salary Code	Position Titles	In Post 2011	Funded Positions		
			2012	2013	2014
Programme 281: Meteorological Services		129	143	143	143
19 00 90	Director	1	1	1	1
19 75 82	Deputy Director	2	2	2	2
19 65 75	Divisional Meteorologist	3	3	3	3
19 49 71	Meteorologist	12	12	12	12
19 42 43	Trainee Meteorologist	-	2	2	2
22 54 63	Chief Electronic Technician	1	1	1	1
22 50 60	Principal Electronic Technician	4	5	5	5
19 57 67	Chief Meteorological Technician	1	1	1	1
19 51 62	Principal Meteorological Technician	10	10	10	10
19 46 58	Senior Meteorological Technician	33	33	33	33
19 26 52	Meteorological Technician	15	25	25	25
22 41 58 } 22 38 55 }	Senior Electronic Technician	6	6	6	6
19 18 20	Trainee Meteorological Technician	10	10	10	10
22 26 51 } 22 23 48 }	Electronic Technician	-	2	4	4
22 13 15	Trainee Electronic Technician	4	2	-	-
01 48 59	Senior Financial Operations Officer		1	1	1
01 41 55	Financial Operations Officer	1	-	-	-
01 29 49	Assistant Financial Operations Officer	1	1	1	1
21 54 64	Assistant Manager (Procurement and Supply)	1	1	1	1
21 41 55	Procurement and Supply Officer	1	1	1	1
08 28 45	Senior Officer	1	1	1	1
08 17 41	Officer	4	4	4	4
27 82 00	Confidential Secretary	1	1	1	1
08 16 40	Word Processing Operator	2	3	3	3
22 10 35	Receptionist/Telephone Operator	1	1	1	1
24 26 33	Head Office Care Attendant	1	1	1	1
24 08 25	Office Care Attendant	2	2	2	2
24 13 36 } 24 13 31 }	Driver	2	2	2	2
24 09 29	Watchman	2	2	2	2
24 02 21 } 24 02 16 }	General Worker	7	7	7	7
	Telecommunication Engineer (New)		-	-	-
	Total	129	143	143	143