
METEOROLOGICAL SERVICES

	Page
<u>PART A : OVERVIEW OF MINISTRY/DEPARTMENT</u>	
Strategic Note	180
• Major Achievements for 2012	180
• Major Constraints and Challenges and how they are being addressed	180
• Strategic Direction 2013-2015	180
• Priority Objectives and Major Services to be provided for 2013-2015	181
Summary of Financial Resources	181
Summary of Funded Positions	181
<u>PART B : SERVICES TO BE PROVIDED AND PERFORMANCE INFORMATION</u>	
Programme 281: Meteorological Services	182
<u>PART C : INPUTS - FINANCIAL RESOURCES</u>	
Summary by Economic Categories	183
Summary for Year 2013 by Programmes	183
Programme 281: Meteorological Services	183
<u>PART D : INPUTS - HUMAN RESOURCES</u>	
Staffing Positions by Programmes / Sub-Programmes	185

PART A: OVERVIEW OF DEPARTMENT

I. STRATEGIC NOTE

1. Major

Achievements for 2012

- Warning systems with respect to natural disasters such as cyclones, torrential rains and tsunamis consolidated.
- Meteorological forecasts provided to the aviation sector. Revenue rose to Rs18 million due to increase of airline traffic.
- Maintaining ISO Certification of the Meteorological services.
- 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 upgraded for reception and dissemination of information locally and internationally.
- Upgrading of the Messir and the telecommunication systems.

2. Major Constraints and Challenges and how they are being addressed

- Challenges due to variations in weather and climate.
 - Harnessing the operations of the new Doppler Radar Technology.
- Participation in projects limited.
 - Due to staff constraints.
 - Lack of trained personnel on specific areas.
 - Vacancies have to be filled.

3. Strategic Direction 2013-2015

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.
- Sale of data to clients and users for cost recovery purposes.
- Support socio-economic development by providing information to policy makers.

Meteorological Services - *continued*

4. Priority Objectives and Major Services to be provided for 2013-2015

Programme 281: Meteorological Services

- Priority Objectives:
- Provide accurate and timely weather information and meteorological services for the general welfare of the citizens.
- Major Services:
- Warnings of natural hazards affecting Mauritius.
 - Maritime and aeronautical forecasts for national and international purposes.
 - Monitoring and timely warnings of tsunami.
 - 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 advice to key stakeholders.

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

Code	Programme	Rs	Rs	Rs	Rs
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
281	Meteorological Services	126,472,000	215,181,000	345,880,000	210,078,000
	Total	126,472,000	215,181,000	345,880,000	210,078,000

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

Code	Programme	Total		% Distribution	
		In Post 2012	Funded 2013	2012	2013
281	Meteorological Services	131	143	100%	100%
	Total	131	143	100%	100%

Meteorological Services - continued

PART B: SERVICES TO BE PROVIDED AND PERFORMANCE INFORMATION

PROGRAMME 281: METEOROLOGICAL SERVICES							
Outcome: Reliable meteorological services for the protection of life and property							
Outcome Indicator				2011 Actual	2013 Target	2015 Target	2022 Target
Timely provision of information on meteorological hazards and phenomena				95%	95%	98%	99%
DELIVERY UNITS	SERVICES TO BE PROVIDED	PERFORMANCE					
		Service Standards (Indicators)	2011 Actual	2013 Targets	2014 Targets	2015 Targets	
Main Meteorological office	S1: Policy and Management Services	SS1: PBB Strategic Plan updated and aligned with ESTP Outcome Framework	-	May	May	May	
		SS2: % of requests acknowledged within 5 working days	90%	91%	92%	93%	
	S2: Meteorological Services	SS1: Accuracy of weather forecasts	85%	89%	95%	98%	

PART C: INPUTS - FINANCIAL RESOURCES

1. SUMMARY BY ECONOMIC CATEGORIES

Code	Economic Categories	Rs	Rs	Rs	Rs
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
21	Compensation of Employees	54,377,000	64,136,000	65,405,000	66,230,000
22	Goods and Services	8,510,000	9,398,000	9,600,000	9,953,000
24	Interest	-	-	-	-
25	Subsidies	-	-	-	-
26	Grants	785,000	847,000	875,000	895,000
27	Social Benefits	-	-	-	-
28	Other Expense	-	-	-	-
31	Acquisition of Non-Financial Assets	62,800,000	140,800,000	270,000,000	133,000,000
32	Acquisition of Financial Assets	-	-	-	-
	Total	126,472,000	215,181,000	345,880,000	210,078,000

2. SUMMARY FOR YEAR 2013

Code	Programme	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	64,136,000	9,398,000	847,000	140,800,000
	Total	64,136,000	9,398,000	847,000	140,800,000

Programme 281 : Meteorological Services

Item No.	Details	Rs	Rs	Rs	Rs
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
21	Compensation of Employees	54,377,000	64,136,000	65,405,000	66,230,000
21110	Personal Emoluments	47,452,000	56,856,000	58,050,000	58,800,000
21111	Other Staff Costs	6,525,000	6,830,000	6,880,000	6,930,000
21210	Social Contributions	400,000	450,000	475,000	500,000
22	Goods and Services	8,510,000	9,398,000	9,600,000	9,953,000
22010	Cost of Utilities	2,565,000	2,765,000	2,867,000	2,970,000
22020	Fuel and Oil	400,000	500,000	550,000	600,000
22040	Office Equipment and Furniture	255,000	300,000	310,000	350,000
22050	Office Expenses	340,000	370,000	400,000	430,000
22060	Maintenance	2,100,000	2,375,000	2,340,000	2,425,000
22100	Publications and Stationery	300,000	228,000	228,000	228,000
22120	Fees	275,000	300,000	325,000	350,000
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>

Meteorological Services - continued

Item No.	Details	Rs	Rs	Rs	Rs
		2012 Estimates	2013 Estimates	2014 Planned	2015 Planned
22180	Overseas Travel (Mission and Capacity Building)	-	250,000	260,000	270,000
22900	Other Goods and Services	775,000	810,000	820,000	830,000
26	Grants	785,000	847,000	875,000	895,000
26210	Current Grant to International Organisations	785,000	847,000	875,000	895,000
	<i>of which:</i>				
26210023	<i>Contribution to World Meteorological Organisation (Regular Budget)</i>	405,000	475,000	485,000	485,000
26210024	<i>Contribution to World Meteorological Organisation (Voluntary Co-operation Programme)</i>	55,000	57,000	60,000	65,000
26210025	<i>Contribution to World Meteorological Organisation (Intergovernmental Panel on Climate Change)</i>	105,000	110,000	115,000	120,000
26210026	<i>Contribution to African Centre of Meteorological Applications for Development (ACMAD)</i>	220,000	205,000	215,000	225,000
31	Acquisition of Non-Financial Assets	62,800,000	140,800,000	270,000,000	133,000,000
31113	Other Structures	800,000	800,000	-	-
31113027	<i>Construction of wall</i>	800,000	800,000	-	-
31122	Other Machinery and Equipment	62,000,000	140,000,000	270,000,000	133,000,000
31122801	<i>Acquisition of Transport Equipment</i>	-	-	-	-
31122802	<i>Acquisition of IT Equipment</i>	12,000,000	10,000,000	10,000,000	10,000,000
31122817	<i>Acquisition of Doppler Weather Radar</i>	50,000,000	130,000,000	260,000,000	123,000,000
	Total	126,472,000	215,181,000	345,880,000	210,078,000

Meteorological Services - continued

PART D: INPUTS HUMAN RESOURCES

STAFFING POSITIONS BY PROGRAMMES AND SUB-PROGRAMMES

Salary Code	Position Titles	In Post 2012	Funded Positions		
			2013	2014	2015
Programme 281: Meteorological Services		131	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	11	12	12	12
19 42 43	Trainee Meteorologist	1	-	-	-
	Telecommunication Engineer (New)	-	-	-	-
22 54 63	Chief Electronic Technician	1	1	1	1
22 50 60	Principal Electronic Technician	5	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	23	23	28	28
22 41 58 } 22 38 55 }	Senior Electronic Technician	5	5	5	5
19 18 20	Trainee Meteorological Technician	5	5	-	-
22 26 51 } 22 23 48 }	Electronic Technician	2	4	4	14
22 13 15	Trainee Electronic Technician	2	10	10	-
01 48 59	Senior Financial Operations Officer	1	1	1	1
01 41 55	Financial Operations Officer	-	1	1	1
01 29 49	Assistant Financial Operations Officer	-	-	-	-
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
	Total	131	143	143	143