
METEOROLOGICAL SERVICES

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PART A: STRATEGIC NOTE OF DEPARTMENT

I. Major Achievements for 2013

- Warning systems with respect to natural disasters such as cyclones, torrential rains and tsunamis improved upon reception of accurate and precise information from regional Meteorological centres.
- Revenue of Rs19 million from aviation sector due to increase in airline traffic and revision of fees and charges.
- The Meteorological Station at St Brandon renovated.
- Enhanced exchange of meteorological information with the local and international stakeholders through upgrading of equipment and software.
- Actual weather and forecasts for the general public disseminated through Led Display Screen at the Mauritius Meteorological Services.
- Website of Mauritius Meteorological Services revisited and made user friendly for public use.
- 7 – Day probabilistic forecasts operational and updated daily.

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

- Improving on weather forecasting due to climate change issues
 - Harnessing the operations of the new Doppler Radar Technology.
 - Developing models and scenarios.
- No adequate facilities for transportation of Meteorological staffs, stores, equipment and personal belongings to St Brandon and Agalega due to irregular ship voyage.
 - Regular scheduling of ship voyage.

III. Strategic Direction 2014-2016

- Deliver and enhance climate related forecast and warnings in response to users' needs for saving life and property.
- Advance scientific research and new technologies to generate better and more precise weather, climate and water information and warnings.
- Enhance capabilities to access, develop, implement and use integrated and interoperable earth and space based observation system to align up to the standard set up by the World Meteorological Organisation.
- Provide data to clients and users on a cost recovery basis.

Meteorological Services - *continued*

IV. Priority Objectives and Major Services to be provided for 2014-2016

Programme 281: Meteorological Services

- Priority Objective: • Provide accurate and timely weather information and meteorological services for the general welfare of the citizens.
- Major Services: • Warnings of hydro meteorological hazards affecting the Republic of Mauritius.
- Maritime, navigation and aeronautical forecasts for national, regional and international purposes.
- Monitoring of sea level and issuance of appropriate warnings for tsunami and other natural disasters.
- Medium to long range seasonal forecasts for planning and decision making.
- Casting and near real time provision of rainfall data for emergency managers and the public at large.

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

Code	Programme	Rs	Rs	Rs	Rs
		2013 Estimates	2014 Estimates	2015 Planned	2016 Planned
281	Meteorological Services	215,181,000	395,709,500	286,689,500	117,956,500
	Total	215,181,000	395,709,500	286,689,500	117,956,500

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

Code	Programme	Total		% Distribution	
		In Post by Dec 2013	Funded by Dec 2014	2013	2014
281	Meteorological Services	142	152	100%	100%
	Total	142	152	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				2012 Actual	2014 Target	2016 Target	2023 Target
Accuracy of weather forecasts				87%	90%	95%	98%
DELIVERY UNITS	SERVICES TO BE PROVIDED	PERFORMANCE					
		Service Standards (Indicators)	2012 Actual	2014 Targets	2015 Targets	2016 Targets	
Meteorological office	S1: Policy and Management Services	SS1: Reform strategy to deliver long term ESTP Outcomes formulated		June	June	June	
		SS2: % of requests acknowledged within 5 working days	90%	91%	92%	93%	
	S2: Meteorological Services	SS1: Timely provision of weather, water and climate information for the citizens and other user communities (ports, airports, etc.)	95%	96%	97%	97%	

PART C: INPUTS - FINANCIAL RESOURCES

1. SUMMARY BY ECONOMIC CATEGORIES

Code	Economic Categories	Rs	Rs	Rs	Rs
		2013 Estimates	2014 Estimates	2015 Planned	2016 Planned
21	Compensation of Employees	64,136,000	69,914,500	72,347,500	74,072,500
22	Goods and Services	9,398,000	6,990,000	7,505,000	8,015,000
24	Interest	-	-	-	-
25	Subsidies	-	-	-	-
26	Grants	847,000	805,000	837,000	869,000
27	Social Benefits	-	-	-	-
28	Other Expense	-	-	-	-
31	Acquisition of Non-Financial Assets	140,800,000	318,000,000	206,000,000	35,000,000
32	Acquisition of Financial Assets	-	-	-	-
	Total	215,181,000	395,709,500	286,689,500	117,956,500

2. SUMMARY FOR YEAR 2014

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	69,914,500	6,990,000	805,000	318,000,000
	Total	69,914,500	6,990,000	805,000	318,000,000

Programme 281 : Meteorological Services

Item No.	Details	Rs	Rs	Rs	Rs
		2013 Estimates	2014 Estimates	2015 Planned	2016 Planned
21	Compensation of Employees	64,136,000	69,914,500	72,347,500	74,072,500
21110	Personal Emoluments	56,856,000	61,534,500	63,742,500	65,242,500
21111	Other Staff Costs	6,830,000	7,830,000	8,030,000	8,230,000
21210	Social Contributions	450,000	550,000	575,000	600,000
22	Goods and Services	9,398,000	6,990,000	7,505,000	8,015,000
22010	Cost of Utilities	2,765,000	2,415,000	2,515,000	2,615,000
22020	Fuel and Oil	500,000	300,000	320,000	350,000
22040	Office Equipment and Furniture	300,000	175,000	210,000	230,000
22050	Office Expenses	370,000	270,000	288,000	300,000
22060	Maintenance	2,375,000	1,550,000	1,700,000	1,850,000
22100	Publications and Stationery	228,000	160,000	172,000	190,000
22120	Fees	300,000	300,000	325,000	350,000
22150	Scientific and Laboratory Equipment and Supplies	1,500,000	1,000,000	1,100,000	1,200,000
22150001	<i>Laboratory Apparatuses and Supplies</i>	<i>1,500,000</i>	<i>1,000,000</i>	<i>1,100,000</i>	<i>1,200,000</i>
22180	Overseas Travel (Mission and Capacity Building)	250,000	200,000	200,000	200,000

Meteorological Services - continued

Item No.	Details	Rs	Rs	Rs	Rs
		2013 Estimates	2014 Estimates	2015 Planned	2016 Planned
22900	Other Goods and Services	810,000	620,000	675,000	730,000
26	Grants	847,000	805,000	837,000	869,000
26210	Current Grant to International Organisations	847,000	805,000	837,000	869,000
	<i>of which:</i>				
26210023	<i>Contribution to World Meteorological Organisation (Regular Budget)</i>	475,000	450,000	460,000	470,000
31	Acquisition of Non-Financial Assets	140,800,000	318,000,000	206,000,000	35,000,000
31113	Other Structures	800,000	1,000,000	-	-
31113027	<i>Construction of wall</i>	800,000	1,000,000	-	-
31122	Other Machinery and Equipment	140,000,000	317,000,000	206,000,000	35,000,000
31122802	<i>Acquisition of IT Equipment</i>	10,000,000	10,000,000	10,000,000	10,000,000
31122817	<i>Acquisition of Doppler Weather Radar</i>	130,000,000	307,000,000	196,000,000	25,000,000
	Total	215,181,000	395,709,500	286,689,500	117,956,500

f(1)

f(1) : Project financed by Japan International Cooperation Agency

PART D: INPUTS - HUMAN RESOURCES

STAFFING (FUNDED POSITIONS) BY PROGRAMMES AND SUB-PROGRAMMES

Salary Code	Position Titles	In Post by Dec 2013	Funded Positions by December		
			2014	2015	2016
Programme 281: Meteorological Services		142	152	152	152
19 00 96	Director	1	1	1	1
19 80 89	Deputy Director	2	2	2	2
19 70 83	Divisional Meteorologist	3	3	3	3
19 54 79	Meteorologist	9	12	12	12
19 47 49	Trainee Meteorologist	3	-	-	-
22 54 75	Telecommunication Engineer	1	1	1	1
22 58 70 } 22 59 71 }	Chief Meteorological Telecommunications Technician	1	1	1	1
22 53 66	Principal Meteorological Telecommunications	5	5	5	5
22 42 63 } 22 45 66 }	Senior Meteorological Telecommunications Technician	5	5	5	5
22 27 56 } 22 30 59 }	Meteorological Telecommunications Technician	4	4	4	14
22 18 20	Trainee Meteorological Telecommunications Technician	10	10	10	-
19 62 75	Chief Meteorological Technician	1	1	1	1
19 56 70	Principal Meteorological Technician	10	10	10	10
19 51 66	Senior Meteorological Technician	33	33	33	33
19 30 60	Meteorological Technician	21	26	36	36
19 22 24	Trainee Meteorological Technician	5	10	-	-
01 53 72	Senior Financial Operations Officer (<i>Personal</i>)	1	1	1	1
01 45 65	Financial Officer/ Senior Financial Officer	1	1	1	1
01 33 55	Assistant Financial Operations Officer (<i>Personal</i>)	-	-	-	-
21 59 76	Assistant Manager Procurement and Supply	1	1	1	1
21 45 65	Procurement and Supply Officer/Senior Procurement and Supply Officer	1	1	1	1
08 45 64	Office Management Assistant	1	1	1	1
08 30 56	Management Support Officer	4	4	4	4
08 38 63	Confidential Secretary	1	1	1	1
08 21 52	Word Processing Operator	3	3	3	3
22 16 48	Receptionist/Telephone Operator	1	1	1	1
24 31 46	Head Office Care Attendant	1	1	1	1
24 14 42	Office Care Attendant/Senior Office Care Attendant	2	2	2	2
24 17 45	Driver	2	2	2	2
24 13 38	Security Guard	2	2	2	2
24 01 32	General Worker	7	7	7	7
	TOTAL	142	152	152	152