Chapter: 3103 Ministry of Transport/Meteorology Department

Creation: The Jordanian Meteorology Department was established as a meteorology and aerial forecasts

in Quds airport in 1951 and the department joined the membership of World Meteorology Organization in 1955 and joined the membership of sub committee of meteorology affiliated to the Arabian League at the same year and as per the regulation no.(19) for the year 1967 the Meteorology Department beacame an independent department affiliated with the Ministry of

Transport

Vision: Keep up with the scientific developments and provide the meteorology services with high

accuracy and effeciency

Mission: Contributing to protecting and preserving souls and properties.

Tasks of the Ministry / Department:

 Locally:prepare meteorology forecasts and climate monitoring and issue weather bulletins for media means and specialized entities in the field of air and maritime navigation.

- Regionally: implement the recommendation of Arab permanent committee for meteorology, exchange expertises and train Arab staffs.
- Internationally: data exchange with international specialized centers and update satellite images and weather maps programs.

Ministry/Department Contribution to the Achievement of the National Objectives:

- Build national climate record.
- Contribute to maritime and air navigation safety.
- Follow up scientific developments in the field of weather forecasts.
- Contribute to economic and constructional planning.
- Provide the public and private entities with the Kingdom's climate data.

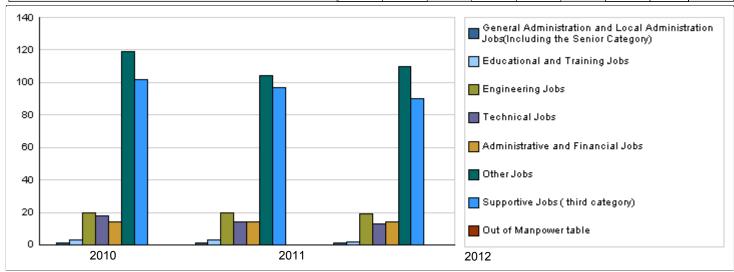
Major Issues and Challenges which face the Ministry / Department:

- Personnel turnover and difficulty in attracting qualified and trained technical competences to work in the field of meteorology forecasts.
- The department's need for continuous and permanent update of technology and keeping up with the development of meteorology equipment.

CHAPTER: 3103 Ministry of Transport/Meteorology Department

Strate	Strategic Objectives and Performance Indicators of the Ministry / Department											
Strategic Objective		Performance Indicator	base	Value	Actual Value	Target Value	Primary Self Evaluation		arget Value			
		T CHOTHIGHEE Hidicator	ycai		2010	2011	2011	2012	2013	2014		
1 - Delivering accurate and comprehensive information for all parties that benefit from weather		Accuracy and comprehensiveness of information provided to beneficiaries.	2009	%60	%55	%60	60%	%65	%70	75%		
and climate forecast services on time	2	Satisfaction degree of service's receipants.	2009	%70	%65	%70	66%	%75	%77	80%		
2 - Establishing and sustaining a network of weather meteorology stations, and establishing climate database for the Kingdom	1	Areas covered by meteorology of Kingdom's total area.	2009	%40	%35	%40	38%	%45	%50	55%		

Number of Staff of the Ministry / Department											
			Actual		Primary			Estimated			
Group	Job	2010				2011			2012		
·		Male	Female	Total	Male	Female	Male	Female	Total		
General Administration and Local Admini	Supervisory jobs	1	0	1	1	0	1	1	0	1	
Educational and Training Jobs	Educational jobs	3	0	3	3	0	3	2	0	2	
Engineering Jobs	Engineer	19	1	20	19	1	20	18	1	19	
Technical Jobs	Technical jobs	13	5	18	11	3	14	11	2	13	
Administrative and Financial Jobs	Administrative and financial jo	10	4	14	10	4	14	10	4	14	
Other Jobs	Meteorologist / Predictor	109	10	119	95	9	104	102	8	110	
Supportive Jobs (third category)	Assistant officer	94	8	102	89	8	97	82	8	90	
	Total	249	28	277	228	25	253	226	23	249	
Out of Manpower table	Out of manpower table	0	0	0	0	0	0	0	0	0	
	Grand Total				228	25	253	226	23	249	
	Total Cost of Salaries	908188	389224	1297412	983500	421500	1405000	1009900	423100	1433000	



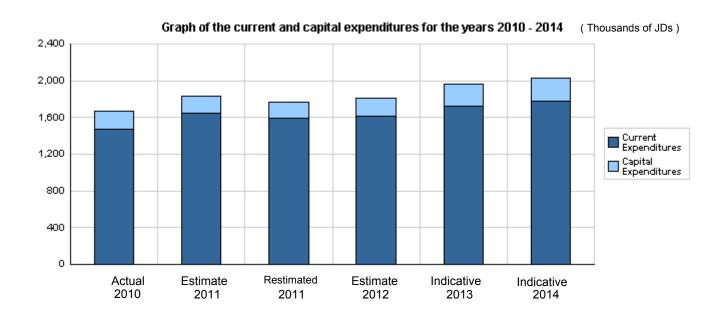
	Key Information of the Ministry / Department											
No.	Description	2008	2009	2010	2011	2012						
1	Issuing weather reports(24 hour report/annually.	1095	1095	1095	1095	1095						
2	Issuing flight route maps/annually.	27010	29565	33945	34000	34500						
3	Issuing upper and surface weather maps/ annually.	8760	8760	8760	8760	8760						
4	Launching air balloons/annually.	730	730	730	730	730						

Overall Summary of Expenditures for Chapter 3103- Ministry of Transport/Meteorology Department

for the years 2010 - 2014

(In JDs)

		Actual	Estimate	Re_Estimate	Estimate	Indi	cative
	Description	2010	2011	2011	2012	2013	2014
Group		Current E	xpenditures	<u>'</u>	'	'	
2111	Salaries, Wages and allowances	1,229,873	1,384,000	1,330,000	1,358,000	1,452,000	1,496,000
2121	Social Security Contributions	67,539	81,600	75,000	75,000	80,000	82,000
2211	Use of Goods and Services	165,222	173,000	173,000	168,000	177,000	185,000
2821	Other current expenses	5,408	10,000	10,000	12,000	12,000	12,000
3112	Machinery and Equipment	0	0	0	0	0	0
3113	Other Fixed Assets	0	0	0	0	0	0
	Total current expenditures	1,468,042	1,648,600	1,588,000	1,613,000	1,721,000	1,775,000
		Capital E	xpenditures	1	I	1	
2211	Use of Goods and Services	13,271	63,000	63,000	55,000	61,000	62,000
2822	Other Capital expenditures	0	0	0	30,000	40,000	42,000
3112	Machinery and Equipment	182,579	121,000	121,000	110,500	139,000	146,000
3113	Other Fixed Assets	0	0	0	0	0	0
3141	Lands	0	0	0	0	0	0
	Total capital expenditures	195,850	184,000	184,000	195,500	240,000	250,000
	Treasury	195,850	184,000	184,000	195,500	240,000	250,000
	Total current and capital expenditures	1,663,892	1,832,600	1,772,000	1,808,500	1,961,000	2,025,000

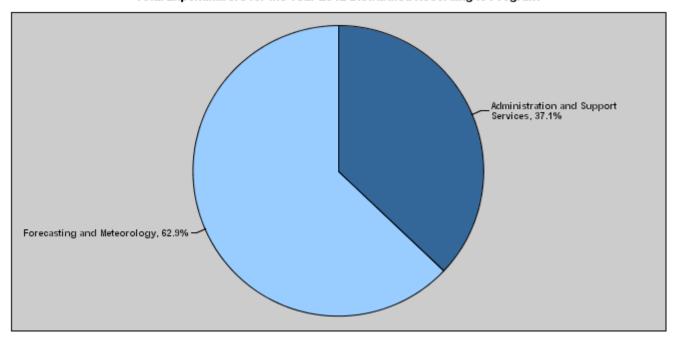


Budget of Chapter 3103 - Ministry of Transport/Meteorology Department For the Year 2012 Distributed According to Program

(InJDs)

Prog.	Description	Current Expenditures	Capital Expenditure	Total Expenditure
5401	Administration and Support Services	591,000	80,000	671,000
5405	Forecasting and Meteorology	1,022,000	115,500	1,137,500
	Total	1,613,000	195,500	1,808,500

Total Expenditurers for the Year 2012 Distributed According to Program



Estimated Allocations For Females distributed according to Programs for the Years 2010 - 2014

	Program	2010	2011	2012	2013	2014
5401	Administration and Support Services	156750	174540	183600	191700	206700
5405	Forecasting and Meteorology	283664	301860	313200	337500	338700
	Total	440414	476400	496800	529200	545400

5401 Administration and Support Services Program

Objective of the program:

Maintain and upgrade the level of administrative services and provide the suitable conditions for employees in the department to perform all their tasks optimally as well as to improve the level of the staff in terms of scientific and technical aspects.

The strategic objective related to the program:

Provide timely, accurate, and comprehensive information for all beneficiaries of meteorology and climate services.

Directorates associated with the program:

- Administrative and financial affairsn directorate.
- Internal control directorate.
- Equipment and maintenance directorate.

Total Program

570,257

- Applied Meteorology directorate.

Services provided by the program:

- Develop and update the regulations and legislations related to aviation services on all levels.
- Provide the necessary administrative and financial support to implement the department's activities, projects and objectives.

Staff working in the program :

The program is implemented through a functional staff in 2011 estimated with (82) staff, including (68) males and (14) females.

	Performance Measurement Indicators for program											
	Performance Measurement			Actual	Target	First Self		Target				
	Indicator	Base	Value	value	Value	Evalution						
		Year		2010	2011	2011	2012	2013	2014			
1	Percentage of qualified employees to the total employees.	2009	%66	%66	%70	68%	%70	%75	80%			

(In JDs)

768,000

Appropriations OF Administration and Support Services Program as Per Activities and Projects. Actual Estimate Re_Estimate Estimate Indicative Activities and Projects 2010 2011 2011 2012 2013 2014 522,495 600,800 581,800 591,000 618,000 668,000 Current Expenditures Administrative and Support Service 522,495 600,800 581,800 591,000 618,000 668,000 Capital Expenditures 47,762 69,000 69,000 80,000 90,000 100,000 001 Administration Project 47,762 69,000 69,000 80,000 90,000 100,000 Program / Treasury 47,762 69,000 69,000 80,000 90,000 100,000

650,800

671,000

708,000

669,800

Budget Chapter 3103 - Ministry of Transport/Meteorology Department Distributed According to the Program

5405 Forecasting and Meteorology Program

Objective of the program:

Develop meteorology means such as qualified and trained technical staff and equipment and to develop the scientific research center.

The strategic objective related to the program :

Establish and maintain the meteorology stations and establish climate database for the Kingdom.

Directorates associated with the program :

- Foreign stations directorate.
- Studies and documentation directorate.
- Agricultural meteorology directorate.
- The national center for weather forecasts directorate.

Services provided by the program:

Issuing meteorological bulletins continuously and increasing the accuracy of meteorology bulletins.

Staff working in the program:

The program is implemented through a functional staff in 2011 estimated with (171) staff, including (160) males and (11) females.

Performance Measurement Indicators for program											
Performance Measurement			Actual	Target	First Self		Target				
Indicator	Base	Value	value	Value	Evalution						
	Year		2010	2011	2011	2012	2013	2014			
Number of meteorological stations.	2009	28	28	29	28	30	30	30			

	Appropriations OF	Forecasting and	l Meteorology Pi	ogram as Per A	ctivities and Pro	jects.	(In JDs)
		Actual	Estimate	Re_Estimate	Estimate	Indic	cative
	Activities and Projects	2010	2011	2011	2012	2013	2014
Current E	xpenditures	945,547	1,047,800	1,006,200	1,022,000	1,103,000	1,107,000
601	Meteorology	945,547	1,047,800	1,006,200	1,022,000	1,103,000	1,107,000
Capital Ex	xpenditures	148,088	115,000	115,000	115,500	150,000	150,000
001	Developing and updating meterologic	148,088	115,000	115,000	115,500	150,000	150,000
	Program / Treasury	148,088	115,000	115,000	115,500	150,000	150,000
	Total Program	1.093.635	1.162.800	1.121.200	1.137.500	1.253.000	1.257.000

<u>Chapter:3103 Ministry of Transport/Meteorology Department</u>

Vision Keep up with the scientific developments and provide the meteorology services with high accuracy and effeciency

Mission Contributing to protecting and preserving souls and properties.

Legal Framework: Regulation No. (19) for the year 1967.

Strategic Plan:

Total of Program

Total

Developing and updating meterological observations

Stra [*]	tegic Pl	<u>an :</u>													
Prepa	aration Ye	ear :2011								Pe	eriod Cover	ed By The	Plan :201	1-20)14
Stra	tegic Ol	ojectives	/ P	erfori	mar	nce Indicato	ors								
	Strate							Base	Value	Actu		Initial Internal			
	Objecti			Per	forr	nance Meas	urement	Base	\ \/=\	Valu		Evaluatio		arget	
4 5	Descrip			Accura		Indicators	noon of	Year	Value %60	201 %5		2011		013 %70	2014 75%
	elivering a omprehens		1	informa	ation p	nd comprehensive provided to benefi	ciaries.	2009							
inform	ation for a	III parties	2	Satisfa	ection	degree of service	e's receipants.	2009	%70	%6	5 %70	66%	%75	%77	80%
	enefit from imate fore														
servic	es on time	:													
	stablishing ning a net		1	Areas total are		ed by meteorolog	y of Kingdom's	2009	%40	%3	5 %40	38%	%45	%50	55%
weath	er meteor	ology													
	ns, and es e databas														
Kingd		e ioi tile													
Prog	grams /	Performa	anc	e Ind	icat	ors									
01								Base	Value	Actua		Initial			
Goal		Programs	•		De		Performance	Base		Valu		Internal	Ta	arget	t
	Indicators 1 F401 Administration and 1 Percentage of qualified employee					Year	Value	2010		2011		013	2014		
1	5401 Administration and 1 Percentage of qualified employe Support Services 1 Percentage of qualified employees.					2009	%66	%66	%70	68%	%70	%75	80%		
2	5405 Forecasting and 1 Number of meteorological static				orological stations.	2009	28	28	29	28	30	30	30		
		eorology		_										_	
Prog	rams A	ppropria	tior	าร										Ι,	
Goal		Programs				Actual	Esterr		Restemated	Estemated		e II	ndecative		
		A also iso			_		Comment	2010 522495	600800		2011 581800	2012 591000	2013 618000		2014
,	F404	Admir		Servic		Support		922495 47762				80000	90000		00000
1	5401			001110	,00		· ·	570257			650800	671000	708000		8000
		Foroca	ctin	a and	Mot	eorology		945547	1047800 1006200			1022000	1103000		107000
2	5405	ruieca	Suri	y anu	IVIEU	eorology	Capital	148088			115000	115500	150000		50000
~	3403							1093635	116280		1121200	1137500	1253000		257000
							Total of Current	1468042	164860		1588000	1613000	1721000		775000
							Total of Capital	195850	184000		184000	195500	240000		50000
								1663892	183260			1808500	1961000		025000
C	A -4:	:4: A													
Curr	ent Act	ivities Ap	pro	рпац	Ons	5		Actual	Estem	ated	Restemated	Estemated	Indecativ	α Ι	ndecative
Prog	,			Р	roje	cts		2010	20		2011	2012	2013		2014
540		Administrativ	/e and					522495	600800		581800	591000	618000	66	68000
		Total of Prog	gram					522495	600800		581800	591000	618000		8000
540	5 601	Meteorology						945547	104780		1006200	1022000	1103000		107000
		Total of Prog	gram					945547	104780	00	1006200	1022000	1103000	11	107000
		Total						1468042	164860	00	1588000	1613000	1721000	17	775000
Can	ital Proi	ects App	ror	riatio	ne										
Jap		coto App	·Ομ	714110	. 13			Actual	Esterr	ated	Restemated	Estemated	Indecativ	e I	ndecative
Prog	Prog. Projects			2010	20		2011	2012	2013		2014				
540		Administration	on Pro					47762	69000			80000	90000	10	00000
		Total of Prog	gram					47762	69000	6	69000	80000	90000	10	00000

Overall Summary of Current Expenditures for the years 2010 - 2014

	er: 3			-				(In JDs)
Group	Item	Description		Estimated		Estimated	Indicative	Indicative
21		Compensations of Employees	2010	2011	2011	2012	2013	2014
2111		Salaries, Wages and allowances						
2111	101	Classified Employees' Salaries	134525	136000	136000	136000	134000	134000
	102	Permanent Unclassified Employees' Salarie	222983	230000		235000		272000
	105	Personal Cost of Living Allowance	483795	560000		525000		600000
	105	Family Allowance	48162	51000		51000		55000
	107	Basic Allowance	97315	105000		106000		111000
	110	Overtime Allowance	91492	120000		90000		90000
	111	Additional Allowance	68631	76000		74000		86000
	112	Other Allowances	600	600		600		600
	113	Transportation Allowance	33370	36000		36000		40000
	114	Transport Allowance	45000	49400		49400		52400
		Employees' bonuses	4000	20000		55000		55000
	116							
0.45		Total	1229873	1384000	1330000	1358000	1452000	1496000
2121		Social Security Contributions	2==20	0.1.000	==000		22222	
	301	Social Security	67539	81600		75000		82000
		Total	67539	81600	75000	75000	80000	82000
22		Use of Goods and Services						
2211		Use of Goods and Services						
	202	Telecommunications Services	47802	58000	58000	58000	59000	60000
	203	Water	3792	4000	4000	4000	5000	6000
	204	Electricity	27210	27500	27500	27500	29000	30000
	205	Fuels	21309	19000	19000	20000	21000	22000
	206	Maintenance of Machines, furniture and acc	3799	2500	2500	2500	3000	3000
	207	Maintenance of Vehicles, Heavy Duty Machi	5488	5000	5000	5000	5000	6000
	208	Repair and maintenance of buildings and ac	1883	2000	2000	2000	2000	3000
	209	Office Supplies	4673	3000	3000	3000	4000	4000
	210	Raw materials (Medicines, Clothes, Food, F	12669	16000	16000	14000	14000	15000
	211	Cleaning Services and supplies (including	19612	20000	20000	18000	19000	19000
	212	Insurance	2480	5000	5000	4000	4000	5000
	213	Official Travel Missions	7987	7000	7000	6000	7000	7000
	214	Other goods and services expenses	6518	4000	4000	4000	5000	5000
		Total	165222	173000	173000	168000	177000	185000
28		Other expenditures						
2821		Other current expenses						
	302	Contributions	0	0	0	0	0	C
	303	Scientific Scholarships and Training Course	3633	7000	7000	7000		7000
	305	Non-Employees' Bonuses	1775	3000		5000		5000
	303	Total	5408	10000		12000		12000
31		Non-financial Assets	3.00	.0000	.0000	.2000	.2000	12000
3112		Machinery and Equipment						
3112	402	Machinery and Equipment	0	0	0	0	0	
	402						-	
011-		Total	0	0	0	0	0	0
3113		Other Fixed Assets						
	401	Furniture	0	0	0	0		
		Total	0	0	0	0	0	0
		Total of Chapter	1468042	1648600	1588000	1613000	1721000	1775000

Current Expenditures According to Program and Activities For The Years 2010 - 2014

Chapter : 3103 - Ministry of Transport/Meteorology Department (In JDs)

Program: 5401 - Administration and Support Services Activity 601 - Administrative and Support Services Description Estimated Re-estimated Estimated Indicative Indicative Actual Item Group Compensations of Employees Salaries, Wages and allowances 101 Classified Employees' Salaries 102 Permanent Unclassified Employees' Salarie 105 Personal Cost of Living Allowance 106 Family Allowance 107 Basic Allowance 111 Additional Allowance 112 Other Allowances 113 Transportation Allowance 114 Transport Allowance 116 Employees' bonuses Total Social Security Contributions 301 Social Security Total Use of Goods and Services Use of Goods and Services 202 | Telecommunications Services Water 204 Electricity 205 Fuels 206 Maintenance of Machines, furniture and acce 1988 207 Maintenance of Vehicles, Heavy Duty Machin 5488 208 Repair and maintenance of buildings and acc 975 209 Office Supplies 210 Raw materials (Medicines, Clothes, Food, Fi 211 Cleaning Services and supplies (including c 212 Insurance 213 Official Travel Missions 214 Other goods and services expenses Total Other expenditures Other current expenses 303 | Scientific Scholarships and Training Course Total **Total of Activity** Total of Program

Current Expenditures According to Program and Activities For The Years 2010 - 2014

Chapter : 3103 - Ministry of Transport/Meteorology Department (In JDs)

Program: 5405 - Forecasting and Meteorology Activity 601 - Meteorology Description Actual Estimated Re-estimated Estimated Indicative Indicative Item Group Compensations of Employees Salaries, Wages and allowances 101 Classified Employees' Salaries 102 Permanent Unclassified Employees' Salarie 105 Personal Cost of Living Allowance 106 Family Allowance 107 Basic Allowance 110 Overtime Allowance 111 Additional Allowance 113 Transportation Allowance 114 Transport Allowance 116 Employees' bonuses Total Social Security Contributions 301 Social Security Total Use of Goods and Services Use of Goods and Services 202 | Telecommunications Services Water 204 Electricity 205 Fuels 206 Maintenance of Machines, furniture and acce 1811 208 Repair and maintenance of buildings and acc 908 209 Office Supplies 211 Cleaning Services and supplies (including c 213 Official Travel Missions 214 Other goods and services expenses Total Other expenditures Other current expenses 303 | Scientific Scholarships and Training Course 305 Non-Employees' Bonuses Total Total of Activity Total of Program Total of Chapter

Overall Summary of Capital Expenditures For The Years 2010 - 2014

chapter: 3103 Ministry of Transport/Meteorology Department (In JDs)

Group	Item	Description	Actual 2010	Estimated 2011	Re-Estimated 2011	Estimated 2012	Indicative 2013	Indicative 2014
		Expenditures						
22		Use of Goods and Services						
2211		Use of Goods and Services						
	510	Buildings and facilities repair and mainten	8681	10000	10000	12000	23000	24000
	512	Operating and maintenance Expenses	4590	53000	53000	43000	38000	38000
		Total	13271	63000	63000	55000	61000	62000
28		Other expenditures						
2822		Other Capital expenditures						
	504	Studies, Researches and Consultations	0	0	0	30000	40000	42000
		Total	0	0	0	30000	40000	42000
		Fixed Assets						
31		Non-financial Assets						
3112		Machinery and Equipment						
	505	Equipments, Machines and Apparatus	182579	121000	121000	110500	139000	146000
		Total	182579	121000	121000	110500	139000	146000
		Total of Chapter	195850	184000	184000	195500	240000	250000

Capital Expenditures According to Program and Projects For the years 2010 - 2014

(In JDs)

Chapter: 3103 Ministry of Transport/Meteorology Department

Program 5401 Administration and Support Services												
Project 001 Administration Project												
Fund Source 102001 Capital (Treasury)												
Group	item	Description	Actual 2010	Estimated 2011	Re-Estimated 2011	Estimated 2012	Indicative 2013	Indicative 2014				
22		Use of Goods and Services										
2211		Use of Goods and Services										
	510	Buildings and facilities repair and mai										
	800	Miscellaneous buildings maintena	4960	10000	10000	10000	20000	20000				
		Total of Item	4960	10000	10000	10000	20000	20000				
	512	Operating and maintenance Expense										
	005	Fuels	0	13000	13000	10000	0	0				
	800	Training expenses	3450	5000	5000	3000	3000	3000				
	011	Capacity building expenses	0	30000	30000	15000	15000	15000				
		Total of Item	3450	48000	48000	28000	18000	18000				
31		Non-financial Assets										
3112		Machinery and Equipment										
	505	Equipments, Machines and Apparatu										
	001	Computers and accessories	0	0	0	17000	52000	62000				
	005	Meteorology Apparatus	39352	11000	11000	25000	0	0				
		Total of Item	39352	11000	11000	42000	52000	62000				
		Total of Project / Treasury	47762	69000	69000	80000	90000	100000				
Total of Program			47762	69000	69000	80000	90000	100000				

Capital Expenditures According to Program and Projects For the years 2010 - 2014

(In JDs)

Chapter: 3103 Ministry of Transport/Meteorology Department

Program 5405 Forecasting and Meteorology											
Project 001 Developing and updating meterological observations											
Fund Source 102001 Capital (Treasury)											
Group	item	Description	Actual 2010	Estimated 2011	Re-Estimated 2011	Estimated 2012	Indicative 2013	Indicative 2014			
22		Use of Goods and Services									
2211		Use of Goods and Services									
	510	Buildings and facilities repair and mai									
	008	Miscellaneous buildings maintena	3721	0	0	2000	3000	4000			
	Total of Item		3721	0	0	2000	3000	4000			
	512	Operating and maintenance Expense									
	800	Training expenses	1140	5000	5000	5000	5000	5000			
	011	Capacity building expenses	0	0	0	10000	15000	15000			
		Total of Item	1140	5000	5000	15000	20000	20000			
28		Other expenditures									
2822		Other Capital expenditures									
	504	Studies, Researches and Consultation									
	999	n.e.c	0	0	0	30000	40000	42000			
		Total of Item	0	0	0	30000	40000	42000			
31		Non-financial Assets									
3112		Machinery and Equipment									
	505	Equipments, Machines and Apparatu									
	005	Meteorology Apparatus	143227	110000	110000	65500	83000	80000			
	999	n.e.c	0	0	0	3000	4000	4000			
		Total of Item	143227	110000	110000	68500	87000	84000			
		Total of Project / Treasury	148088	115000	115000	115500	150000	150000			
Total of Program			148088	115000	115000	115500	150000	150000			
Total of Chapter			195850	184000	184000	195500	240000	250000			