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ADDENDUM TO
ATMOSPHERIC ENVIRONMENT
SERVICE

PROGRAM DIGEST

1982 - 1983

PREFACE

In the main portion of the Program Digest which was published separately, 1982/83 AES organizational budget data were presented by sub-activity (SA 1) and sub-sub-activity (SA 2).

In this Addendum to the Program Digest, the 1982/83 organizational budget data has been broken down one additional level and is given by sub-sub-activity (SA 2) and sub-sub-sub-activity (SA 3) in Appendix C. The data of Appendix C has been reorganized by sub-activity and is displayed in 7 appendices (D to J).

THE DATA IS BASED ON WORK PLANS SUBMITTED IN JANUARY AND FEBRUARY 1982.

Any errors in or suggested improvements to either the Program Digest or the Addendum, should be addressed to the Chief, Program Development and Evaluation Branch (APEC) at AES Downsview.

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APPENDIX A
ATMOSPHERIC ENVIRONMENT SERVICE
PROGRAM ACTIVITY STRUCTURE

BY

SUB-ACTIVITY (SA 1)
SUB-SUB-ACTIVITY (SA 2)
SUB-SUB-SUB-ACTIVITY (SA 3)
PROGRAM ACTIVITY ELEMENT (SA 4)

PROGRAM ACTIVITY STRUCTURE

A-1

ACTIVITY: ATMOSPHERIC ENVIRONMENT

SA-1	SA-2	SA-3	SA-4	DESCRIPTION	ACTIVITY ELEMENT
0800				Management & Common Support Services	
	0810			Management	
		0811	0811	Departmental Management	0811
		0820		Management Support	
			0821	Liaison & Coordination	0821
			0822	Policy, Planning & Evaluation	0822
			0823	Activity Support Management	0823
	0830			Common Support Services	
		0831		Personnel Services	
			0832	Official Languages	0832
			0833	Management Training & Development	0833
		0840	0840	Financial Services	0840
		0850		General Administration	
			0851	Office Services	0851
			0852	Graphic Arts and Audio Visual Services	0852
			0853	Material Management	0853
			0854	Physical Facilities	0854
		0860	0860	Public Information	0860
		0870	0870	Publications	0870
		0880	0880	Library Services	0880
		0890	0890	Grants and Contributions	0890

PROGRAM ACTIVITY STRUCTURE

A-2

ACTIVITY: ATMOSPHERIC ENVIRONMENT

SA-1	SA-2	SA-3	SA-4	DESCRIPTION	ACTIVITY ELEMENT
1000				Weather Services	
	1100			Public Weather Services	
		1110	1110	Forecast Operations	1110
		1120	1120	Provision of Services	1120
	1200			Marine Weather Services	
		1210	1210	Forecast Operations	1210
		1220	1220	Provision of Services	1220
	1300			Aviation Weather Services	
		1310	1310	Forecast Operations	1310
		1320		Provision of Services	
			1330	Presentation	1330
			1340	Inspection	1340
		1380	1380	Aviation Observations	1380
	1400			Economic Weather Services	
		1410	1410	Forecast Operations	1410
		1420	1420	Provision of Services	1420
	1500			Canadian Forces Weather Services	
		1510		Forecasting and Briefing	
			1520	Atmospheric	1520
			1530	Marine	1530
			1540	ODIT	1540
		1600		Data	
			1610	Upper Air	1610
			1620	Surface	1620
			1630	Ships	1630
			1640	Experimental	1640

PROGRAM ACTIVITY STRUCTURE

A-3

ACTIVITY: ATMOSPHERIC ENVIRONMENT

SA-1	SA-2	SA-3	SA-4	DESCRIPTION	ACTIVITY ELEMENT
1000				Weather Services (Cont'd)	
		1700		Consultation and Coordination	
			1710	Scientific	1710
			1720	Operational	1720
			1730	Aircrew Training	1730
		1800		CFWS Support Systems	
			1810	EDP Services	1810
			1820	Communications	1820
			1830	Training and Development	1830
			1840	Management	1840
			1850	Management Support	1850
	2000			Data	
		2100		Surface Weather Observations	
			2110	Manned Stations	2110
			2120	Manned/Automatic Stations	2120
			2130	Automatic Stations	2130
			2140	CMTA Stations	2140
			2150	Dewline Stations	2150
			2160	Contract Stations	2160
		2200	2200	Upper Air Stations	2200
		2300		Other Observations	
			2310	Satellite	2310
			2320	Radar	2320
	3000			Weather Services Support Systems	
		3010		Canadian Meteorological Centre	
			3020	Operations	3020
			3030	Operational Development	3030
			3040	CMC Administration	3040

PROGRAM ACTIVITY STRUCTURE

A-4

ACTIVITY: ATMOSPHERIC ENVIRONMENT

SA-1	SA-2	SA-3	SA-4	DESCRIPTION	ACTIVITY ELEMENT
	3000			Weather Services Support Systems (Cont'd)	
		3100		Forecast Operations Support	
			3110	Systems Support	3110
			3120	ODIT	3120
			3130	Special Projects	3130
		3200		Forecast Production Research	
			3210	Numerical Prediction Research	3210
			3220	Weather Forecasting Research	3220
			3230	Systems Design	3230
			3240	Environmental Prediction Research	3240
			3250	Energy Transport	3250
		3300		Data Acquisition Research	
			3310	Satellite/Radar Applications	3310
			3320	Satellite Data Lab Operations	3320
			3330	Observing Networks R&D	3330
			3340	Weather Radar	3340
	3400	3400		Planning and Coordination	3400

PROGRAM ACTIVITY STRUCTURE

A-5

ACTIVITY: ATMOSPHERIC ENVIRONMENT

SA-1	SA-2	SA-3	SA-4	DESCRIPTION	ACTIVITY ELEMENT
	3000			Weather Services Support Systems (Cont'd)	
		3500		Communications	
			3510	Weather Facsimile System	3510
			3520	Satellite Facsimile System	3520
			3530	Teletype System	3530
			3540	Radar Communications	3540
			3550	CMC Communications	3550
			3560	Communications Operations	3560
			3570	Weatheradio Communications	3570
		3600		EDP Services	
			3610	CMC Computer Services	3610
			3620	RPN Computer Services	3620
			3630	Region Computer Operations	3630
			3640	Planning and Systems Support	3640
		3700	3700	Training	3700
		3800		Data Acquisition Services	
			3810	Instrument Planning and Development	3810
			3820	Inspection and Maintenance	3820
			3830	Equipment and Observation (T & E)	3830
			3840	Facilities (Airports)	3840
			3850	Observational Systems Support	3850
			3860	Facilities (AES)	3860
			3870	Major Capital Projects	3870
		3900	3900	Management	3900
		3950	3950	Management Support	3950

PROGRAM ACTIVITY STRUCTURE

A-6

ACTIVITY: ATMOSPHERIC ENVIRONMENT

SA-1	SA-2	SA-3	SA-4	DESCRIPTION	ACTIVITY ELEMENT
4000				Climate Program	
	4100			Climate Services	
		4110		Data Services	
			4120	Climate Stations	4120
			4130	Information Services	4130
			4140	Data Management	4140
			4150	Data Acquisition Services	4150
		4200	4200	Regional Consultation and Development	
		4300		National Consultation and Development	
			4310	Hydrometeorology and Marine	4310
			4320	Applications and Impacts	4320
			4330	Energy	4330
			4340	Monitoring	4340
			4350	Environmental Assessment	4350
	4500	4500		Climate Research	
			4510	Numerical Modelling	4510
			4520	Diagnostics	4520
			4530	Processes	4530
	4600	4600		Climate Program Support Systems	
			4610	EDP Services	4610
			4620	Management	4620
			4630	Management Support	4630

PROGRAM ACTIVITY STRUCTURE

A-7

ACTIVITY: ATMOSPHERIC ENVIRONMENT

SA-1	SA-2	SA-3	SA-4	DESCRIPTION	ACTIVITY ELEMENT
5000				Ice Services	
	5100	5100	5100	Ice Reconnaissance	5100
	5200	5200		Ice Forecasting	
			5210	Ice Forecasting Centre	5210
			5200	Forecast Development	5220
	5300	5300	5300	Ice Climate Services	5300
	5400	5400		Ice Services Support Systems	
			5410	Communications/Computers	5410
			5420	Data System Development & Maintenance	5420
			5430	Research	5430
			5440	Management	5440
			5450	Management Support	5450

PROGRAM ACTIVITY STRUCTURE

A-8

ACTIVITY: ATMOSPHERIC ENVIRONMENT

SA-1	SA-2	SA-3	SA-4	DESCRIPTION	ACTIVITY ELEMENT
6000				Air Quality Services and Research	
	6100			Air Quality Services	
	6300			Air Quality Research	
		6310		Dynamics	
			6320	Boundary Layer	6320
			6330	Atmospheric Dispersion	6330
		6350	6350	Air Quality Monitoring	6350
		6400		Impact and Criteria	
			6410	Impact Assessment and Technology Transfer	6410
			6420	Air Quality Criteria	6420
			6430	Impact Assessment - Observational	6430
		6500		Processes	
			6510	Hazardous Substances	6510
			6520	Regional Transport and Transformation	6520
			6530	Removal and Deposition	6530
			6540	Oxidants	6540
			6550	Cycles and Balances	6550

PROGRAM ACTIVITY STRUCTURE

A-9

ACTIVITY: ATMOSPHERIC ENVIRONMENT

SA-1	SA-2	SA-3	SA-4	DESCRIPTION	ACTIVITY ELEMENT
6000				Air Quality Services and Research (Cont'd)	
	6600	6600		Research - Other	
			6610	Stratospheric Pollution	6610
			6620	Atmospheric Radiation	6620
			6630	Ozone Monitoring	6630
			6640	Solar Energy	6640
			6650	Wind Energy	6650
			6660	Cloud Precipitation Physics	6660
			6670	Weather Modification	6670
	6700	6700		Air Quality and Research Support Services	
			6710	Management	6710
			6720	Management Support	6720
			6730	Instrument Support to Research	6730
			6740	PhD Leave	6740
			6750	EDP Services	6750
			6760	Visiting Fellowships	6760
7000				Departmental Integrated Programs	
	7100	7100	7100	Environmental Assessment and Review	7100
	7200	7200	7200	LRTAP	7200
	7300	7300	7300	Toxic Chemicals	7300
	7400	7400	7400	Great Lakes Water Quality	7400
	7500	7500	7500	Baseline Studies	7500

APPENDIX B
ATMOSPHERIC ENVIRONMENT SERVICE
RELATIONSHIP BETWEEN RESPONSIBILITY CENTRES
AND SA 4 PROGRAM ACTIVITY ELEMENTS

<u>ATMOSPHERIC ENVIRONMENT SERVICE</u>	<u>RESPONSIBILITY CENTRE</u>	<u>SUGGESTED ACTIVITY ELEMENTS</u>
Assistant Deputy Minister	- 501	7200, 0811, 0821, 0822, 0823, 0833
Central Services		
Director-General	- 502	0823, 0833
Computer Centre - Downsview	- 503	4610, 6750
Computer Centre - Dorval	- 507	3610, 3620
Director Computer Services	- 506	3640
Director Training Branch	- 505	3700, 0832, 0833, 0852, 0870
Ice Branch		
Director	- 509	5210, 5220, 5300, 5410, 5420, 5430, 5440, 5450
Ice Reconnaissance	- 510	5100
Data Acquisition Service		
Director-General	- 530	0823, 0853
Maintenance	- 531	3820, 4150
Engineering	- 532	3810, 4150, 6730
Development	- 533	3810, 4150, 6730
Network Planning and Standards	- 504	3810
Canadian Climate Centre		
Director	- 513	4620, 4630, 4510, 4520, 4530, 0860, 0833
Climatological Application	- 514	4130, 4140, 4150, 4310, 4320, 4330, 4340, 4350
Administration		
Director	- 515	0823, 0833, 0880, 0860
Finance	- 516	0840, 0890
Material Management	- 517	0853
General Administration	- 518	0851, 0852, 0854, 0870
Special Finance	- 520	0840
Field Services		
Director-General	- 521	3900, 3950, 3870, 0860, 0833
Field Met. Systems	- 522	3900, 3400, 3850, 3110, 3510, 3520, 3530, 3540, 3550, 3560, 3640
Director Canadian Met. Centre	- 523	3020, 3030, 3040
Atmospheric Research		
Director-General	- 526	6710, 6720, 0860, 0833, 6740, 6760
Atmospheric Processes	- 527	3340, 6610, 6620, 6630, 6640, 6660, 6670, 7200, 7300, 6710
Air Quality & Environmental Research	- 528	6320, 6330, 6350, 6410, 6420, 6430, 6510, 6520, 6530, 6540, 6550, 6650, 7100, 7200, 7300, 6710
Meteorological Services Branch	- 529	3900, 3950, 3210, 3220, 3230, 3240, 3250, 3310, 3320, 3330, 6650
Meteorology and Oceanography	- 534	1520 through 1850

<u>ATMOSPHERIC ENVIRONMENT SERVICE</u>	<u>RESPONSIBILITY CENTRE</u>	<u>SUGGESTED ACTIVITY ELEMENTS</u>
Atlantic Region		
Regional Director	- 540	3900, 3950, 0833, 3830, 3840
Chief, Scientific Services	- 541	4130, 4140, 4200, 4620, 3700, 0860
General Weather		
Chief	- 542	3400, 3700, 3860
Weather Office Standards	- 543	1120, 1220, 1330, 1420, 3400, 2320
Gander Weather Office	- 544	1110, 1210, 1310, 1410, 3110, 3120, 3560, 3630
Data Acquisition		
Chief	- 545	3850, 3700, 3860, 3820
Station Operations - Upper Air	- 546	2200
Station Operations - Surface	- 547	2110, 2120, 2130, 2140, 2160, 3410, 2320, 1380, 4120, 4120, 1340, 3820
Maritimes Weather Centre - Bedford	- 599	1110, 1210, 1310, 1410, 3110, 3120, 3560, 3630, 3700, 3570
Quebec Region		
Regional Director	- 550	3900, 3950, 0833, 3830, 3840
Chief, Scientific Services	- 551	4130, 4140, 4200, 4620, 3700, 0860
General Weather		
Chief	- 552	3400, 3700, 3860
Weather Office Standards	- 553	1120, 1220, 1330, 1420, 3400
Quebec Weather Centre	- 554	1110, 1210, 1310, 1410, 3110, 3110, 3120, 3560, 3630, 3700, 3570
Data Acquisition		
Chief	- 555	3850, 3700, 3860, 3820
Station Operations - Upper Air	- 556	2200
Station Operations - Surface	- 557	2110, 2120, 2130, 2140, 2160, 2310, 2320, 1380, 4120
Observational Standards	- 558	1340, 3820

<u>ATMOSPHERIC ENVIRONMENT SERVICE</u>	<u>RESPONSIBILITY CENTRE</u>	<u>SUGGESTED ACTIVITY ELEMENTS</u>
Ontario Region		
Regional Director	- 559	3900, 3950, 0833, 3830, 3840
Chief, Scientific Services	- 560	4130, 4140, 4200, 4620, 3700, 0860
General Weather		
Chief	- 561	3400, 3700, 3860
Weather Office Standards	- 594	1120, 1220, 1330, 1420, 3400, 2320
Ontario Weather Centre	- 562	1110, 1210, 1310, 1410, 3110, 3120, 3560, 3630, 3700, 3570
Data Acquisition		
Chief	- 563	3850, 3700, 3860, 3820
Station Operations	- 564	2200, 2110, 2120, 2130, 2140, 2160, 2310, 2320, 1380, 4210
Observational Standards	- 565	1340, 3820
Central Region		
Regional Director	- 566	3900, 3950, 0833, 3830, 3840
Chief, Scientific Services	- 567	4130, 4140, 4200, 4620, 3700, 0860
General Weather		
Chief	- 568	3400, 3700, 3860
Weather Office Standards	- 569	1120, 1220, 1330, 1420, 3400, 2320
Data Acquisition		
Chief	- 571	3850, 3700, 3860, 3820
Station Operations -	- 572	2200, 2110, 2120, 2130, 2140, 2160, 2310, 2320, 1380, 4210
South of 60°N		
Station Operations -	- 573	2200, 2110, 2120, 2130, 2140, 2160, 2310, 2320, 1380, 4120
North of 60°N		
Observational Standards	- 574	1340, 3820
Climate, Contract Operations	- 575	4120
Prairie Weather Centre	- 576	1110, 1210, 1310, 1410, 3110, 3120, 3150, 3560, 3630, 3700, 3570

<u>ATMOSPHERIC ENVIRONMENT SERVICE</u>	<u>RESPONSIBILITY CENTRE</u>	<u>SUGGESTED ACTIVITY ELEMENTS</u>
Western Region		
Regional Director	- 577	3900, 3950, 0833, 3830, 3840
Chief, Scientific Services	- 578	4130, 4140, 4200, 4620, 0860
General Weather		
Chief	- 579	3400, 3700, 3860
Weather Office Standards	- 580	1120, 1220, 1330, 1420, 3400, 2320
Data Acquisition		
Chief	- 582	3850, 3820
Station Operations	- 583	2200, 2110, 2120, 2130, 2140, 2160, 1380, 4120, 3860
Technical Services	- 584	1340, 3820
Forecast Operations	- 585	1110, 1210, 1310, 1410, 3110, 3120, 3130, 3560, 3630, 3570, 2310
Pacific Region		
Regional Director	- 586	3900, 3950, 0833, 3830, 3840
Chief, Scientific Services	- 589	4130, 4140, 4200, 4620, 3700, 0860
General Weather		
Chief	- 588	3400, 3700, 3860
Weather Office Standards	- 589	1120, 1220, 1330, 1420, 3400
Data Acquisition		
Chief	- 590	3850, 3700, 3860, 3820
Station Operations	- 591	2200, 2110, 2120, 2130, 2140, 2160, 2310, 4120, 1380, 2320
Observational Standards	- 592	1340, 3820
Pacific Weather Centre	- 593	1110, 1210, 1310, 1410, 3110, 3120, 3560, 3630, 3700, 3570

NOTE: Departmental Integrated Programs - SA-1-700 Not Reflected in Listings.

APPENDIX C
ATMOSPHERIC ENVIRONMENT SERVICE
1982-83 ORGANIZATIONAL BUDGETS BY
SUB-SUB-ACTIVITY AND SUB-SUB-SUB-ACTIVITY

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ASSISTANT DEPUTY MINISTER'S OFFICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
0811 Departmental Management	3	120.7	30.0		150.7
0820 Management Support	12	412.3	202.0		614.3
0810 MANAGEMENT	15	533.0	232.0		765.0
0800 MANAGEMENT & COMMON SUPPORT SERVICES	15	533.0	232.0		765.0

ASSISTANT DEPUTY MINISTER'S OFFICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
0720 LRTAP	3	140.0	48.0		188.0
0720 LRTAP	3	140.0	48.0		188.0
0700 DEPARTMENTAL INTEGRATED PROGRAMS	3	140.0	48.0		188.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FINANCE AND ADMINISTRATION BRANCH

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training	12	900.0	49.0		949.0
3800 Data Acquisition Services					
3900 Management					
3950 Management Support					
3000 WX SERVICES SUPPORT SYSTEMS	12	900.0			949.0
1000 WEATHER SERVICES	12	900.0	49.0		949.0

FINANCE AND ADMINISTRATION BRANCH

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
0811 Departmental Management					
0820 Management Support	3	125.0	53.0	5.0	183.0
0810 MANAGEMENT	3	125.0	53.0	5.0	183.0
0831 Personnel Services	5	255.7	115.5		371.2
0840 Financial Services	18	2010.4	2031.9	1009.2	5051.5
0850 General Administration	48	1052.7	2058.0	86.0	3196.7
0860 Public Information					
0870 Publication					
0880 Library Services	9	219.3	113.5		332.8
0890 Grants/Contributions					
0830 COMMON SUPPORT SERVICES	80	3538.1	4318.9	1095.2	8952.2
0800 MANAGEMENT & COMMON SUPPORT SERVICES	83	3663.1	4371.9	1100.2	9135.2

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE & REGIONS

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1110 Forecast Operations	165	6258.9	141.3	4.7	6404.9
1120 Provision of Services	275	8753.9	902.9		9656.8
1100 PUBLIC WEATHER SERVICES	440	15012.8	1044.2	4.7	16061.7
1210 Forecast Operations	8	297.0			297.0
1220 Provision of Services	4	94.5	0.1		94.6
1200 MARINE WEATHER SERVICES	12	391.5	0.1		391.6
1310 Forecast Operations	47	1884.7	4.1		1888.8
1320 Provision of Services	61	1395.3	128.2		1523.5
1380 Aviation Observation	15	469.3	556.9		1026.2
1300 AVIATION WEATHER SERVICES	123	3749.3	689.2		4438.5
1410 Forecast Operations	17	643.0	31.1		674.1
1420 Provision of Services	4	80.6	24.0		104.6
1400 ECONOMIC WEATHER SERVICE	21	723.6	55.1		778.7
2100 Surface Wx. Observations	173	4773.7	2840.8	18.3	7632.8
2200 Upper Air Stations	159	5753.4	5416.1	63.7	11233.2
2300 Other Observations	9	314.8	262.6		577.4
2000 DATA	341	10841.9	8519.5	82.0	19443.4
3010 CMC	67	2494.8	159.6	8.8	2663.2
3100 Forecast Operations Support	60	2269.1	825.4	69.1	3163.6
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	28	982.7	157.1	72.2	1212.0
3500 Communications	68	2035.0	458.2	44.3	2537.5
3600 EDP Services	39	1275.5	288.1	416.6	1980.2
3700 Training	1	24.1	303.4		327.5
3800 Data Acquisition Services	134	4277.4	4232.6	6970.3	15480.3
3900 Management	18	1156.5	1063.0	294.5	2514.0
3950 Management Support	75	3483.0	2569.2	596.0	6638.2
3000 WX SERVICES SUPPORT SYSTEMS	490	17998.1	10046.6	8471.8	36516.5
1000 WEATHER SERVICES	1427	48717.2	20354.7	8558.5	77630.4

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE & REGIONS

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	24	598.5	820.6	13.3	1432.4
4200 Reg. Consult./Dev.	28	1027.7	74.9	7.7	1110.3
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	52	1626.2	895.5	21.0	2542.7
4600 Climate Prog. Support System	11	335.7	45.7	37.5	418.9
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	11	335.7	45.7	37.5	418.9
4000 CLIMATE PROGRAM	63	1961.9	941.2	58.5	2961.6

FIELD SERVICES DIRECTORATE & REGIONS

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
0831 Personnel Services			41.0		41.0
0840 Financial Services					
0850 General Administration					
0860 Public Information					
0870 Publication					
0880 Library Services					
0890 Grants/Contributions					
0830 COMMON SUPPORT SERVICES			41.0		41.0
0800 MANAGEMENT & COMMON SUPPORT SERVICES			41.0		41.0

FIELD SERVICES DIRECTORATE & REGIONS

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
7100 Environment Assess. & Review			3.5		3.5
7100 ENVIRONMENT ASSESSMENT & REVIEW			3.5		3.5
7200 LRTAP	1	42.0	3.6		45.6
7200 LRTAP		42.0	3.6		45.6
7000 DEPARTMENTAL INTEGRATED PROGRAMS	1	42.0	7.1		49.1

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - DOWNSVIEW

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
3100 Forecast Operations Support	5	203.7	25.5		229.2
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	8	324.4	37.5	6.0	367.9
3600 EDP Services	3	126.4	24.5	400.0	550.9
3700 Training					
3800 Data Acquisition Services	20	692.9	878.5	6465.0	8036.4
3900 Management	6	271.0	149.2	0.9	421.1
3950 Management Support	11	473.0	917.5	9.9	1400.4
3000 WX SERVICES SUPPORT SYSTEMS	53	2091.4	2032.7	6881.8	11005.9
1000 WEATHER SERVICES	53	2091.4	2032.7	6881.8	11005.9

FIELD SERVICES DIRECTORATE - CMC

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
3010 CMC	67	2494.8	159.6	8.8	2663.2
3100 Forecast Operations Support					
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation					
3500 Communications	11	347.8	27.4		375.2
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management					
3950 Management Support					
3000 WX SERVICES SUPPORT SYSTEMS	78	2842.6	187.0	8.8	3038.4
1000 WEATHER SERVICES	78	2842.6	187.0	8.8	3038.4

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - PACIFIC REGION

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1110 Forecast Operations	23	712.5			712.5
1120 Provision of Services	44	1257.4	64.3		1321.7
1100 PUBLIC WEATHER SERVICES	67	1969.9	64.3		2034.2
1310 Forecast Operations	5	173.5			173.5
1320 Provision of Services	7	205.6	20.0		225.6
1380 Aviation Observation	8	253.3	542.8		796.1
1300 AVIATION WEATHER SERVICES	20	632.4	562.8		1195.2
1410 Forecast Operations	1	36.0			36.0
1420 Provision of Services	2	50.0	23.0		73.0
1400 ECONOMIC WEATHER SERVICES	3	86.0	23.0		109.0
2100 Surface Wx. Observations	29	735.7	310.4	7.3	1053.4
2200 Upper Air Stations	13	413.0	342.5	11.7	767.2
2300 Other Observations	6	229.0	170.0		399.0
2000 DATA	48	1377.7	822.9	19.0	2219.6
3010 CMC					
3100 Forecast Operations Support	8	267.2	57.6		324.8
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	3	98.0	12.5	5.0	115.5
3500 Communications	8	252.4	139.7	43.6	435.7
3600 EDP Services	2	56.4	51.7		108.1
3700 Training			80.4		80.4
3800 Data Acquisition Services	19	558.0	565.4	122.5	1245.9
3900 Management	2	69.7	6.5		76.2
3950 Management Support	9	500.2	141.0		641.2
3000 WX SERVICES SUPPORT SYSTEMS	51	1801.9	1054.8	171.1	3027.8
1000 WEATHER SERVICES	189	5867.9	2527.8	190.1	8585.8

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - PACIFIC REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	5	115.5	72.5	2.0	190.0
4200 Reg. Consult./Dev.	4	159.2	10.5	3.0	172.7
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	9	274.7	83.0	5.0	362.7
4600 Climate Prog. Support System	2	37.3	5.4		42.7
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	37.3	5.4		42.7
4000 CLIMATE PROGRAM	11	312.0	88.4	5.0	405.4

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - WESTERN REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
1110 Forecast Operations	31	1253.8	19.4		1273.2
1120 Provision of Services	22	1271.3	92.2		1363.5
1100 PUBLIC WEATHER SERVICES	53	2525.1	111.6		2636.7
1210 Forecast Operations	1	39.8			39.8
1220 Provision of Services	1				
1200 MARINE WEATHER SERVICES	2	39.8			39.8
1310 Forecast Operations	18	815.6	4.1		819.7
1320 Provision of Services	26	336.7	45.0		381.7
1380 Aviation Observation	2	68.0	6.1		74.1
1300 AVIATION WEATHER SERVICES	46	1220.3	55.2		1275.5
1410 Forecasting Operations	4	203.7	28.6		232.3
1420 Provision of Services	1		1.0		1.0
1400 ECONOMIC WEATHER SERVICES	5	203.7	29.6		233.3
2100 Surface Wx. Observations	50	1454.1	299.2		1753.3
2200 Upper Air Stations	33	1166.4	962.7		2129.1
2300 Other Observations	3	85.8			85.8
2000 DATA	86	2706.3	1261.9		3968.2
3010 CMC					
3100 Forecast Operations Support	19	672.6	219.0		891.6
3200 Forecast Production Research					---
3300 Data Acquisition Research					---
3400 Planning and Consultation	2	79.8	11.3		91.1
3500 Communications	7	225.2	98.3		323.5
3600 EDP Services	8	205.3	92.4		297.7
3700 Training			123.0		123.0
3800 Data Acquisition Services	18	591.9	525.6		1117.5
3900 Management	2	522.9	893.8	293.6	1710.3
3950 Management Support	12	247.8			247.8
3000 WX SERVICES SUPPORT SYSTEMS	68	2545.5	1963.4	293.6	4802.5
1000 WEATHER SERVICES	260	9240.7	3421.7	293.6	12956.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - WESTERN REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
4110 Climate Services	6	157.0	89.5		246.5
4200 Reg. Consult./Dev.	1	41.5	2.0		43.5
4300 Nat. Consultant/Dev.					
4100 CLIMATE SERVICES	<u>7</u>	<u>198.5</u>	<u>91.5</u>		<u>290.0</u>
4600 Climate Prog. Support System	2	60.0	7.5		67.5
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	<u>2</u>	<u>60.0</u>	<u>7.5</u>		<u>67.5</u>
4000 CLIMATE PROGRAM	<u>9</u>	<u>258.5</u>	<u>99.0</u>		<u>357.5</u>

FIELD SERVICES DIRECTORATE - WESTERN REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
7100 Environment Assess. & Review			3.5		3.5
7100 ENVIRONMENT ASSESSMENT & REVIEW			<u>3.5</u>		<u>3.5</u>
7200 LRTAP	1	42.0	3.6		45.6
7200 LRTAP	<u>1</u>	<u>42.0</u>	<u>3.6</u>		<u>45.6</u>
7000 DEPARTMENTAL INTEGRATED PROGRAMS	<u>1</u>	<u>42.0</u>	<u>7.1</u>		<u>49.1</u>

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - CENTRAL REGION

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1110 Forecast Operations	41	1646.6	77.1		1723.7
1120 Provision of Services	38	1193.8	278.5		1472.3
1100 PUBLIC WEATHER SERVICES	79	2840.4	355.6		3196.0
2100 Surface Wx. Observations	37	1055.0	901.8		1956.8
2200 Upper Air Stations	50	2035.6	2296.4		4332.0
2300 Other Observations					
2000 DATA	87	3090.6	3198.2		6288.8
3010 CMC					
3100 Forecast Operations Support	6	164.9			164.9
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	7	203.2	19.0		222.2
3500 Communications	12	327.5			327.5
3600 EDP Services	4	146.1	41.9		188.0
3700 Training			75.0		75.0
3800 Data Acquisition Services	27	873.0	1203.4		2076.4
3900 Management	2	73.6	6.0		79.6
3950 Management Support	14	713.5	542.1	488.5	1744.1
3000 WX SERVICES SUPPORT SYSTEMS	72	2501.8	1887.4	488.5	4877.7
1000 WEATHER SERVICES	238	8432.8	5441.2	488.5	14362.5

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - CENTRAL REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
4110 Climate Services	3	72.9	65.9		138.8
4200 Reg. Consult./Dev.	7	237.5	17.6		255.1
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	10	310.4	83.5		393.9
4600 Climate Prog. Support System	2	62.4	5.3		67.7
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	62.4	5.3		67.7
4000 CLIMATE PROGRAM	12	372.8	88.8		461.6

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - ONTARIO REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
1110 Forecast Operations	8	318.6			318.5
1120 Provision of Services	73	2100.7	167.2		2267.9
1100 PUBLIC WEATHER SERVICES	81	2419.2	167.2		2586.4
1210 Forecast Operations	4	157.0			157.0
1220 Provision of Services	1	34.5	0.1		34.6
1200 MARINE WEATHER SERVICES	5	191.5	0.1		191.6
1310 Forecast Operations	9	353.0			353.0
1320 Provision of Services	6	184.6	24.5		209.1
1380 Aviation Observation					
1300 AVIATION WEATHER SERVICES	15	537.6	24.5		562.1
1410 Forecasting and Briefing	4	157.0			157.0
1420 Provision of Services	1	30.6			30.6
1400 ECONOMIC WEATHER SERVICES	5	187.6			187.6
2100 Surface Wx. Observations	17	451.6	371.5	11.0	834.1
2200 Upper Air Stations	11	381.1	288.3	13.0	682.4
2300 Other Observations					
2000 DATA	28	832.7	659.8	24.0	1516.5
3010 CMC					
3100 Forecast Operations Support	7	410.5	176.0	28.5	615.0
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	1	50.0	7.0	29.0	86.0
3500 Communications	7	241.0			241.0
3600 EDP Services	3	121.0			121.0
3700 Training					
3800 Data Acquisition Services	18	579.9	224.5	119.0	913.4
3900 Management	2	76.0			76.0
3950 Management Support	13	326.4	293.1		619.5
3000 WX SERVICES SUPPORT SYSTEMS	51	1804.8	700.6	176.5	2671.9
1000 WEATHER SERVICES	185	5973.4	1552.2	200.5	7726.1

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - ONTARIO REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	6	142.9	55.7	11.3	209.9
4200 Reg. Consult./Dev.	4	138.4	9.0	4.9	152.1
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	10	281.3	64.7	16.0	362.0
4600 Climate Prog. Support System	2	71.4	24.1		95.5
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	71.4	24.1		95.5
4000 CLIMATE PROGRAM	12	352.7	88.8	16.0	457.5

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - QUEBEC REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1110 Forecast Operations	30	1079.6	1.5		1081.1
1120 Provision of Services	30	1108.0	196.0		1304.0
1100 PUBLIC WEATHER SERVICES	60	2187.6	197.5		2385.1
1310 Forecast Operations	5	177.5			177.5
1320 Provision of Services	16	474.4	38.7		513.1
1380 Aviation Observation	5	148.0	8.0		156.0
1300 AVIATION WEATHER SERVICES	26	799.9	46.7		846.6
1410 Forecasting Operations	8	246.3	2.5		248.8
1420 Provision of Services	8	246.3	2.5		248.8
1400 ECONOMIC WEATHER SERVICES	8	246.3	2.5		248.8
2100 Surface Wx. Observations	29	798.1	631.0		1429.1
2200 Upper Air Stations	24	905.5	862.8		1768.3
2300 Other Observations			1.8		1.8
2000 DATA	53	1703.6	1495.6		3199.2
3010 CMC					
3100 Forecast Operations Support	6	243.6	295.0	37.2	575.8
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	3	101.3	11.6	4.0	116.9
3500 Communications	1	27.8	4.5		32.3
3600 EDP Services	14	429.5	1.0		430.5
3700 Training			24.0		24.0
3800 Data Acquisition Services	18	605.2	553.0	191.8	1350.0
3900 Management	2	72.9	3.0		75.9
3950 Management Support	9	656.1	387.2	27.2	1070.5
3000 WX SERVICES SUPPORT SYSTEMS	53	2136.4	1279.3	260.2	3675.9
1000 WEATHER SERVICES	200	7073.8	3021.6	260.2	10355.6

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - QUEBEC REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	1	27.8	492.7		520.5
4200 Reg. Consult./Dev.	4	152.0	6.0		158.0
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	5	179.8	498.7		678.5
4600 Climate Prog. Support System	1	43.4	1.0		44.4
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	1	43.4	1.0		44.4
4000 CLIMATE PROGRAM	6	223.2	499.7		722.9

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - ATLANTIC REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1110 Forecast Operations	32	1,247.9	43.3	4.7	1,295.9
1120 Provision of Services	68	1,822.7	104.7		1,927.4
1100 PUBLIC WEATHER SERVICES	100	3,070.6	148.0	4.7	3,223.3
1210 Forecast Operations	3	100.2			100.2
1220 Provision of Services	2	60.0			60.0
1200 MARINE WEATHER SERVICES	5	160.2			160.2
1310 Forecast Operations	10	365.1			365.1
1320 Provision of Services	6	194.0			194.0
1380 Aviation Observation					
1300 AVIATION WEATHER SERVICES	16	559.1			559.1
2100 Surface Wx. Observations	11	279.2	326.9		606.1
2200 Upper Air Stations	28	851.8	663.4	39.0	1,554.2
2300 Other Observations			90.8		90.8
2000 DATA	39	1131.0	1081.1	39.0	2,251.1
3010 CMC					
3100 Forecast Operations Support	9	306.6	52.3	3.4	362.3
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	4	126.0	58.2	28.2	212.4
3500 Communications	22	613.3	188.3	0.7	802.3
3600 EDP Services	5	190.8	76.6	16.6	284.0
3700 Training	1	24.1	1.0		25.1
3800 Data Acquisition Services	14	377.4	282.2	72.0	731.6
3900 Management	2	70.4	4.5		74.9
3950 Management Support	7	566.0	278.3	70.4	914.7
3000 WX SERVICES SUPPORT SYSTEMS	64	2274.6	941.4	191.3	3407.3
1000 WEATHER SERVICES	224	7195.5	2170.5	235.0	9601.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - ATLANTIC REGION

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	3	82.4	44.3		126.7
4200 Reg. Consult./Dev.	8	299.1	29.8		328.9
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	11	381.5	74.1		455.6
4600 Climate Prog. Support System	2	61.2	2.4	37.5	101.1
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	61.2	2.4	37.5	101.1
4000 CLIMATE PROGRAM	13	442.7	76.5	37.5	556.7

FIELD SERVICES DIRECTORATE - ATLANTIC REGION

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
0831 Personnel Services			41.0		41.0
0840 Financial Services					
0850 General Administration					
0860 Public Information					
0870 Publication					
0880 Library Services					
0890 Grants/Contributions					
0830 COMMON SUPPORT SERVICES			41.0		41.0
0800 MANAGEMENT & COMMON SUPPORT SERVICES			41.0		41.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE

SUB-SUB-ACTIVITY					
<u>Sub-Sub-Sub-Activity</u>	<u>PY</u>	<u>SALARY</u>	<u>O&M</u>	<u>CAPITAL</u>	<u>TOTAL</u>
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research	41	1440.5	306.4	166.0	1912.9
3300 Data Acquisition Research	24	884.5	1359.9	1353.0	3597.4
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management	1	55.6	14.0		69.6
3950 Management Support	3	69.8	6.3		76.1
3000 WX SERVICES SUPPORT SYSTEMS	<u>69</u>	<u>2450.4</u>	<u>1686.6</u>	<u>1519.0</u>	<u>5656.0</u>
1000 WEATHER SERVICES	<u>69</u>	<u>2450.5</u>	<u>1686.6</u>	<u>1519.0</u>	<u>5656.0</u>

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
6100 Air Quality Services	4	164.8	140.0	276.0	580.8
6100 AIR QUALITY SERVICES	4	164.8	140.0	276.0	580.8
6310 Dynamics	16	538.3	185.0	250.0	973.3
6350 Air Quality Monitoring	11	344.0	67.0	111.0	522.0
6400 Impacts & Criteria	7.5	207.3	61.0	14.0	282.3
6500 Processes	19.5	672.5	215.7	191.0	1079.2
6300 AIR QUALITY RESEARCH	54	1762.1	528.7	566.0	2856.8
6600 Research - Other	29	1222.6	1093.0	602.0	2917.6
6610 Stratospheric Pollution					
6620 Atmospheric Radiation					
6630 Ozone Monitoring					
6640 Solar Energy					
6650 Wind Energy					
6660 Cloud/Precip. Physics					
6670 Weather Modification					
6600 RESEARCH - OTHER	29	1222.6	1093.0	602.0	2917.6
6700 Air Quality & Research Support	16	1181.8	805.7	55.0	2042.5
6710 Management					
6720 Management Support					
6730 Instrument Support to Res.					
6740 PhD Leave					
6750 EDP Services					
6760 Visiting Fellowships					
6700 AIR QUALITY & RESEARCH SUPPORT	16	1181.8	805.7	55.0	2042.5
6000 AIR QUALITY SERVICES & RESEARCH	103	4331.3	2567.4	1499.0	8397.7

ATMOSPHERIC RESEARCH DIRECTORATE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
7200 LRTAP	3	77.3	528.0	93.0	698.0
7200 LRTAP	3	77.3	528.0	93.0	698.0
7000 DEPARTMENTAL INTEGRATED PROGRAMS	3	77.3	528.0	93.0	698.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE - METEOROLOGICAL SERVICES RES. BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research	41	1440.5	306.4	166.0	1912.9
3300 Data Acquisition Research	21	736.5	1164.7	970.0	2817.2
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management	1	55.6	14.0		69.6
3950 Management Support	3	69.8	6.3		76.1
3000 WX SERVICES SUPPORT SYSTEMS	66	2302.4	1491.4	1136.0	4929.8
1000 WEATHER SERVICES	66	2302.4	1491.4	1136.0	4929.8

ATMOSPHERIC RESEARCH DIRECTORATE - METEOROLOGICAL SERVICES RES. BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
6600 Research - Other	3	100.0	89.0	11.0	200.0
6610 Stratospheric Pollution					
6620 Atmospheric Radiation					
6630 Ozone Monitoring					
6640 Solar Energy					
6650 Wind Energy					
6660 Cloud/Precip. Physics					
6670 Weather Modification					
6600 RESEARCH - OTHER	3	100.0	89.0	11.0	200.0
6000 AIR QUALITY SERVICES AND RESEARCH	3	100.0	89.0	11.0	200.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE - ATMOSPHERIC PROCESSES RESEARCH BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research					
3300 Data Acquisition Research	3	148.0	195.2	383.0	726.2
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management					
3950 Management Support					
3000 WX SERVICES SUPPORT SYSTEMS	3	148.0	195.2	383.0	726.2
1000 WEATHER SERVICES	3	148.0	195.2	383.0	726.2

ATMOSPHERIC RESEARCH DIRECTORATE - ATMOSPHERIC PROCESSES RESEARCH BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
6600 Research - Other	26	1122.6	1004.0	591.0	2717.6
6610 Stratospheric Pollution					
6620 Atmospheric Radiation					
6630 Ozone Monitoring					
6640 Solar Energy					
6650 Wind Energy					
6660 Cloud/Precip. Physics					
6670 Weather Modification					
6600 RESEARCH - OTHER	26	1122.6	1004.0	591.0	2717.6
6700 Air Quality & Research Support	2	80.0	40.0	4.0	124.0
6710 Management					
6720 Management Support					
6730 Instrument Support to Res.					
6740 PhD Leave					
6750 EDP Services					
6760 Visiting Fellowships					
6700 AIR QUALITY & RESEARCH SUPPORT	2	80.0	40.0	4.0	124.0
6000 AIR QUALITY SERVICES & RESEARCH	28	1202.6	1044.0	595.0	2841.6

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE

AIR QUALITY & INTER ENVIRONMENT RESEARCH BRANCH

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
6100 Air Quality Services	4	164.8	140.0	276.0	580.8
6100 AIR QUALITY SERVICES	4	164.8	140.0	276.0	580.8
6310 Dynamics	16	538.3	185.0	250.0	973.3
6350 Air Quality Monitoring	11	344.0	67.0	111.0	522.0
6400 Impacts & Criteria	7.5	207.3	61.0	14.0	282.3
6500 Processes	19.5	672.5	215.7	191.0	1079.2
6300 AIR QUALITY RESEARCH	54	1762.1	528.7	566.0	2856.8
6700 Air Quality & Research Support	7	302.5	68.4	25.0	395.9
6710 Management					
6720 Management Support					
6730 Instrument Support to Res.					
6740 PhD Leave					
6750 EDP Services					
6760 Visiting Fellowships					
6700 AIR QUALITY & RESEARCH SUPPORT	7	302.5	68.4	25.0	395.9
6000 AIR QUALITY SERVICES & RESEARCH	65	3229.4	737.1	867.0	3833.5

ATMOSPHERE RESEARCH DIRECTORATE

AIR QUALITY & INTER-ENVIRONMENTAL RESEARCH BRANCH

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
7200 LRTAP	1	77.3	528.0	93.0	698.3
7200 LRTAP	1	77.3	528.0	93.0	698.3
7000 DEPARTMENTAL INTEGRATED PROGRAMS	1	77.3	528.0	93.0	698.3

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE
DIRECTOR GENERAL'S OFFICE

SUB-SUB-ACTIVITY

<u>Sub-Sub-Sub-Activity</u>	<u>PY</u>	<u>SALARY</u>	<u>O&M</u>	<u>CAPITAL</u>	<u>TOTAL</u>
6700 Air Quality & Research Support	7	799.3	697.3	26.0	1522.6
6700 AIR QUALITY & RESEARCH SUPPORT	7	799.3	697.3	26.0	1522.6
6000 AIR QUALITY SERVICES & RESEARCH	7	799.3	697.3	26.0	1522.6

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
3010 CMC						
3100 Forecast Operations Support						
3200 Forecast Production Research						
3300 Data Acquisition Research	1		25.0			25.0
3400 Planning and Consultation						
3500 Communications	20		612.0	4959.0	1165.0	6736.4
3600 EDP Services	39		1375.0	3449.6	229.0	5053.6
3700 Training	72		2676.8	300.7	25.0	3002.5
3800 Data Acquisition Services	102		3384.4	651.9	125.0	4161.3
3900 Management	1		50.8			50.8
3950 Management Support	2		76.7	15.0	15.0	106.7
3000 WX SERVICES SUPPORT SYSTEMS	237		8201.1	9376.2	1559.0	19136.3
1000 WEATHER SERVICES	237		8201.1	9376.2	1559.0	19136.3

CENTRAL SERVICES DIRECTORATE

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
4110 Climate Services	1		34.2	7.1		41.3
4200 Reg. Consult./Dev.						
4300 Nat. Consult./Dev.						
4100 CLIMATE SERVICES	1		34.2	7.1		41.3
4600 Climate Prog. Support System	48		1483.6	1096.9	210.0	2790.5
4610 EDP Services						
4620 Management						
4630 Management Support						
4600 CLIMATE PROG. SUPPORT SYSTEM	48		1483.6	1096.9	210.0	2790.5
4000 CLIMATE PROGRAM	49		1517.8	1104.0	210.0	2831.8

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
5100 Ice Reconnaissance	27	1133.5	9418.0		10551.5
5100 ICE RECONNAISSANCE	27	1133.5	9418.0		10551.5
5200 Ice Forecasting	15	606.3	223.0		829.3
5210 Ice Forecasting Centre					
5220 Forecast Development					
5200 ICE FORECASTING	15	606.3	223.0		829.3
5300 Ice Climate Services	4	162.1	20.0		182.1
5300 ICE CLIMATE SERVICES	4	162.1	20.0		182.1
5400 Ice Services Support Systems	4	166.6	358.0	130.0	654.6
5410 Communication/Computers					
5420 Data System Dev./Maint.					
5430 Research					
5440 Management					
5450 Management Support					
5400 ICE SERVICES SUPPORT SYSTEMS	4	166.6	358.0	130.0	654.6
5000 ICE SERVICES	50	2068.5	10019.0	130.0	12217.6

CENTRAL SERVICES DIRECTORATE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
0811 Departmental Management	4	112.6	52.8	5.0	170.4
0820 Management Support	4	112.6	52.8	5.0	170.4
0810 MANAGEMENT	4	112.6	52.8	5.0	170.4
0800 MANAGEMENT & COMMON SUPPORT SERVICES	4	112.6	52.8	5.0	170.4

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE-ICE BRANCH

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
5100	5100 Ice Reconnaissance	27	1133.5	9418.0		10551.5
	5100 ICE RECONNAISSANCE	27	1133.5	9418.0		10551.5
	5200 Ice Forecasting	15	606.3	223.0		829.3
	5210 Ice Forecasting Centre					
	5220 Forecast Development					
5200	5200 ICE FORECASTING	15	606.3	223.0		829.3
	5300 Ice Climate Services	4	162.1	22.0		182.1
5300	5300 ICE CLIMATE SERVICES	4	162.1	22.0		182.1
	5400 Ice Services Support Systems	4	166.6	358.0	130.0	654.6
	5410 Communication/Computers					
	5420 Data System Dev./Maint.					
	5430 Research					
	5440 Management					
	5450 Management Support					
5400	5400 ICE SERVICES SUPPORT SYSTEMS	4	166.6	358.0	130.0	654.6
5000	5000 ICE SERVICES	50	2068.5	10019.10	130.0	12217.5

CENTRAL SERVICES DIRECTORATE - TRAINING BRANCH

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
	3010 CMC					
	3100 Forecast Operations Support					
	3200 Forecast Production Research					
	3300 Data Acquisition Research					
	3400 Planning and Consultation					
	3500 Communications					
	3600 EDP Services					
	3700 Training	72	2676.8	300.7	25.0	3002.5
	3800 Data Acquisition Services					
	3900 Management					
	3950 Management Support					
3000	3000 WX SERVICES SUPPORT SYSTEMS	72	2676.8	300.7	25.0	3002.5
1000	1000 WEATHER SERVICES	72	2676.8	300.7	25.0	3002.5

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE - DATA ACQUISITION SERVICES BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services	102	3384.4	651.9	125.0	4161.3
3900 Management	1	50.8			50.8
3950 Management Support	2	76.7	15.0	15.0	106.7
3000 WX SERVICES SUPPORT SYSTEMS	105	3511.9	666.9	140.0	4318.9
1000 WEATHER SERVICES	105	3511.9	666.9	140.0	4318.9

CENTRAL SERVICES DIRECTORATE - DATA ACQUISITION SERVICES BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
4110 Climate Services	1	34.2	7.1		41.3
4200 Reg. Consult./Dev.					
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	1	34.2	7.1		41.3
4000 CLIMATE PROGRAM	1	34.2	7.1		41.3

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE - COMPUTING & COMMUNICATIONS SERVICES BRANCH

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
3010 CMC						
3100 Forecast Operations Support						
3200 Forecast Production Research						
3300 Data Acquisition Research						
3400 Planning and Consultation						
3500 Communications	20	612.4	4959.0	1165.0	6736.4	
3600 EDP Services	39	1375.0	3449.6	229.0	5053.6	
3700 Training						
3800 Data Acquisition Services						
3900 Management						
3950 Management Support						
3000 WX SERVICES SUPPORT SYSTEMS	59	1987.4	8408.6	1394.0	11790.0	
<hr/>						
1000 WEATHER SERVICES	59	1987.4	8408.6	1394.0	11790.0	

CENTRAL SERVICES DIRECTORATE - COMPUTING & COMMUNICATIONS SERVICES BRANCH

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
4600 Climate Prog. Support System	48	1483.6	1096.9	210.0	2780.5	
4610 EDP Services						
4620 Management						
4630 Management Support						
4600 CLIMATE PROG. SUPPORT SYSTEM	48	1483.6	1096.9	210.0	2790.5	
<hr/>						
4000 CLIMATE PROGRAM	48	1483.6	1096.9	210.0	2790.5	

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE - DIRECTOR GENERAL'S OFFICE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research	1	25.0			25.0
3300 Data Acquisition Research					
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management					
3950 Management Support					
3000 WX SERVICES SUPPORT SYSTEMS	1	25.0			25.0
<hr/>					
1000 WEATHER SERVICES	1	25.0			25.0

CENTRAL SERVICES DIRECTORATE - DIRECTOR GENERAL'S OFFICE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
0811 Departmental Management					
0820 Management Support	4	112.6	52.8	5.0	170.4
0810 MANAGEMENT	4	112.6	52.8	5.0	170.4
<hr/>					
0800 MANAGEMENT & COMMON SUPPORT SERVICES	4	112.6	52.8	5.0	170.4

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CANADIAN CLIMATE CENTRE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
4110 Climate Services	47	1290.6	168.7	225.0	1684.3
4200 Reg. Consult./Dev.					
4300 Nat. Consult./Dev.	50	1853.0	735.2	145.0	2733.2
4100 CLIMATE SERVICES	97	3143.6	903.9	370.0	4409.5
4500 Climate Research	13	549.6	36.8	10.0	596.4
4500 CLIMATE RESEARCH	13	549.6	36.8	10.0	596.4
4600 Climate Prog. Support System	10	329.8	372.3	20.0	722.1
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	10	329.8	372.3	20.0	722.1
4000 CLIMATE PROGRAM	120	4023.0	1313.0	400.0	5736.0

CANADIAN CLIMATE CENTRE

CLIMATOLOGICAL APPLICATION BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
4110 Climate Services	47	1290.6	168.7	225.0	1684.3
4200 Reg. Consult./Dev.					
4300 Nat. Consult./Dev.	43	1586.0	727.0	130.0	2443.0
4100 CLIMATE SERVICES	90	2876.6	895.7	355.0	4127.3
4600 Climate Prog. Support System	2	76.8	12.0		88.8
4620 EDP Services					
4630 Management					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	76.8	12.0		88.8
4000 CLIMATE PROGRAM	92	2953.4	907.7	355.0	4216.1

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CANADIAN CLIMATE CENTRE - DIRECTOR GENERAL'S OFFICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services					
4200 Reg. Consult./Dev.	7	267.0	8.2	15.0	290.2
4300 Nat. Consult./Dev.	7	267.0	8.2	15.0	290.2
4100 CLIMATE SERVICES					
4500 Climate Research	13	549.6	36.8	10.0	596.4
4510 Numerical Modelling					
4520 Diagnostics					
4530 Processes					
4500 CLIMATE RESEARCH	13	549.6	36.8	10.0	596.4
4600 Climate Prog. Support System	8	253.0	360.3	20.0	633.3
4600 CLIMATE PROG. SUPPORT SYSTEM	8	253.0	360.3	20.0	633.3
4000 CLIMATE PROGRAM	28	1069.6	405.3	45.0	1519.9

CANADIAN FORCES WEATHER SERVICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1510 Forecasting and Briefing	4	140.3	151.0		291.3
1600 Data	14	526.5	125.5		652.0
1700 Consultation and Coord.	47	1755.3	973.5		2728.8
1800 CFWS Support Systems	38	1442.9	290.0		1732.9
1500 CANADIAN FORCES WX SERVICES	103	3865.0	1540.0		5405.0
1000 WEATHER SERVICES	103	3865.0	1540.0		5405.0

APPENDIX D
ATMOSPHERIC ENVIRONMENT SERVICE
ORGANIZATIONAL UNITS AND THEIR 1982-83 BUDGETS
CONTRIBUTING TO THE
WEATHER SERVICES
SUB-ACTIVITY

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC ENVIRONMENT SERVICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1110 Forecast Operations	165	6258.9	141.3	4.7	6404.9
1120 Provision of Services	275	8753.9	902.9		9656.8
1100 PUBLIC WEATHER SERVICES	440	15012.8	1044.2	4.7	16061.7
1210 Forecast Operations	8	297.0			297.0
1220 Provision of Services	4	94.5	0.1		94.6
1200 MARINE WEATHER SERVICES	12	391.5	0.1		391.6
1310 Forecast Operations	47	1884.7	4.1		1888.8
1320 Provision of Services	61	1395.3	128.2		1523.5
1380 Aviation Observation	15	469.3	556.9		1026.2
1300 AVIATION WEATHER SERVICES	123	3749.3	689.2		4438.5
1410 Forecast Operations Services	17	643.0	31.1		674.1
1420 Provision of Services	4	80.0	24.0		104.6
1400 ECONOMIC WEATHER SERVICES	21	723.6	55.1		778.7
1510 Forecasting and Briefing	4	140.3	151.0		291.3
1600 Data	14	526.5	125.5		652.0
1700 Consultation and Coord.	47	1755.3	973.5		2728.8
1800 CFWS Support Systems	38	1442.9	290.0		1732.9
1500 CANADIAN FORCES WX SERVICES	103	3865.0	1540.0		5405.0
2100 Surface Wx. Observations	173	4773.7	2840.8	18.3	7632.8
2200 Upper Air Stations	159	5753.4	5416.1	63.7	11233.2
2300 Other Observations	9	314.8	262.6		577.4
2000 DATA	341	10841.9	8519.5	82.0	19443.4
3010 CMC	67	2494.8	159.6	8.8	2663.2
3100 Forecast Operations Support	60	2269.1	825.4	69.1	3163.6
3200 Forecast Production Research	41	1440.5	306.4	166.0	1912.9
3300 Data Acquisition Research	25	909.5	1359.9	1353.0	3622.4
3400 Planning and Consultation	28	982.7	157.1	72.2	1212.0
3500 Communications	88	2647.4	5417.2	1209.3	9273.9
3600 EDP Services	78	2650.5	3737.7	645.6	7033.8
3700 Training	85	3600.9	653.1	25.0	4279.0
3800 Data Acquisition Services	236	7661.8	4884.5	7095.3	19641.6
3900 Management	20	1262.9	1077.0	294.5	2634.4
3950 Management Support	80	3629.5	2580.5	611.0	6821.0
3000 WX SERVICES SUPPORT SYSTEMS	808	29549.6	21158.4	11549.8	62257.8
1000 WEATHER SERVICES	1848	64133.7	33006.5	11636.5	108776.7

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FINANCE AND ADMINISTRATION BRANCH

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training	12	900.0	49.0		949.0
3800 Data Acquisition Services					
3900 Management					
3950 Management Support					
3000 WX SERVICES SUPPORT SYSTEMS	12	900.0	49.0		949.0
1000 WEATHER SERVICES	12	900.0	49.0		949.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE & REGIONS

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1110 Forecast Operations	165	6258.9	141.3	4.7	6404.9
1120 Provision of Services	275	8753.9	902.9		9656.8
1100 PUBLIC WEATHER SERVICES	440	15012.8	1044.2	4.7	16061.7
1210 Forecast Operations	8	297.0			297.0
1220 Provision of Services	4	94.5	0.1		94.6
1200 MARINE WEATHER SERVICES	12	391.5	0.1		391.6
1310 Forecast Operations	47	1884.7	4.1		1888.8
1320 Provision of Services	61	1395.3	128.2		1523.5
1380 Aviation Observation	15	469.3	556.9		1026.2
1300 AVIATION WEATHER SERVICES	123	3749.3	689.2		4438.5
1410 Forecast Operations	17	643.0	31.1		674.1
1420 Provision of Services	4	80.6	24.0		104.6
1400 ECONOMIC WEATHER SERVICES	21	723.6	55.1		778.7
2100 Surface Wx. Observations	173	4773.7	2840.8	18.3	7632.8
2200 Upper Air Stations	159	5753.4	5416.1	63.7	11233.2
2300 Other Observations	9	314.8	262.6	---	577.4
2000 DATA	341	10841.9	8519.5	82.0	19443.4
3010 CMC	67	2494.8	159.6	8.8	2663.2
3100 Forecast Operations Support	60	2269.1	825.4	69.1	3163.6
3200 Forecast Production Research					
3300 Data Acquisition Research	28	982.7	157.1	72.2	1212.0
3400 Planning and Consultation	68	2035.0	458.2	44.3	2537.5
3500 Communications	39	1275.5	288.1	416.6	1980.2
3600 EDP Services	1	24.1	303.4		327.5
3700 Training	134	4278.3	4232.6	6970.3	15481.2
3800 Data Acquisition Services	18	1156.5	1063.0	294.5	2514.0
3900 Management	75	3483.0	2559.2	596.0	6638.2
3950 Management Support	490	17999.0	10046.6	8471.8	36517.4
3000 WX SERVICES SUPPORT SYSTEMS					
1000 WEATHER SERVICES	1427	48718.1	20354.7	8558.5	77631.3

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
3010 CMC	67	2494.8	159.6	8.8	2663.2
3100 Forecast Operations Support	5	203.7	25.5		229.2
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	8	324.4	37.5	6.0	367.9
3500 Communications	11	347.8	27.4		375.2
3600 EDP Services	3	126.4	24.5	400.0	550.9
3700 Training					
3800 Data Acquisition Services	20	692.8	878.5	6465.0	8036.4
3900 Management	6	271.0	149.2	0.9	421.1
3950 Management Support	11	473.0	917.5	9.9	1400.4
3000 WX SERVICES SUPPORT SYSTEMS	131	4934.0	2219.7	6890.6	14044.3
1000 WEATHER SERVICES	131	4934.0	2219.7	6890.6	14044.3

FIELD SERVICES DIRECTORATE - C.M.C.

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
3010 CMC	67	2494.8	159.6	8.8	2663.2
3100 Forecast Operations Support					
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management					
3950 Management Support					
3000 WX SERVICES SUPPORT SYSTEMS	67	2494.8	159.6	8.8	2663.2
1000 WEATHER SERVICES	67	2494.8	159.6	8.8	2663.2

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - PACIFIC REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1110 Forecast Operations	23	712.5			712.5
1120 Provision of Services	44	1257.4	64.3		1321.7
1100 PUBLIC WEATHER SERVICES	67	1969.9	64.3		2034.2
1310 Forecast Operations	5	173.5			173.5
1320 Provision of Services	7	205.6	20.0		225.6
1380 Aviation Observation	8	253.3	542.8		796.1
1300 AVIATION WEATHER SERVICES	20	632.4	562.8		1195.2
1410 Forecast Operationsrvices	1	36.0			36.0
1420 Provision of Services	2	50.0	23.0		73.0
1400 ECONOMIC WEATHER SERVICES	3	86.0	23.0		109.0
2100 Surface Wx. Observations	29	735.7	310.4	7.3	1053.4
2200 Upper Air Stations	13	413.0	342.5	11.7	769.2
2300 Other Observations	6	229.0	170.0		399.0
2000 DATA	48	1377.7	822.9	19.0	2219.6
3010 CMC					
3100 Forecast Operations Support	8	267.2	57.6		324.8
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	3	98.0	12.5	5.0	115.5
3500 Communications	8	252.4	139.7	43.6	435.7
3600 EDP Services	2	56.4	51.7		108.1
3700 Training			80.4		80.4
3800 Data Acquisition Services	19	558.0	565.4	122.5	1245.9
3900 Management	2	69.7	6.5		76.2
3950 Management Support	9	500.2	141.0		641.2
3000 WX SERVICES SUPPORT SYSTEMS	51	1801.9	1054.8	171.1	3027.8
1000 WEATHER SERVICES	189	5867.9	2527.8	190.1	8585.8

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - WESTERN REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
1110 Forecast Operations	31	1253.8	19.4		1273.2
1120 Provision of Services	22	1271.3	92.2		1363.5
1100 PUBLIC WEATHER SERVICES	53	2525.1	111.6		2636.7
1210 Forecast Operations	1	39.8			39.8
1220 Provision of Services	1				
1200 MARINE WEATHER SERVICES	2	39.8			39.8
1310 Forecast Operations	18	815.6	4.1		819.7
1320 Provision of Services	26	336.7	45.0		381.7
1380 Aviation Observation	2	68.0	6.1		74.1
1300 AVIATION WEATHER SERVICES	46	1220.3	55.2		1275.5
1410 Forecast Operations	4	203.7	28.6		232.3
1420 Provision of Services	1		1.0		1.0
1400 ECONOMIC WEATHER SERVICES	5	203.7	29.6		233.3
2100 Surface Wx. Observations	50	1454.1	299.2		1753.3
2200 Upper Air Stations	33	1166.4	962.7		2129.1
2300 Other Observations	3	85.8			85.8
2000 DATA	86	2706.3	1261.9		3968.2
3010 CMC					
3100 Forecast Operations Support	19	672.6	219.0		891.6
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	2	79.8	11.3		91.1
3500 Communications	7	225.2	98.3		323.5
3600 EDP Services	8	205.3	92.4		297.7
3700 Training			123.0		123.0
3800 Data Acquisition Services	18	591.9	525.6		1117.5
3900 Management	2	522.9	893.8	293.6	1710.3
3950 Management Support	12	247.8			247.8
3000 WX SERVICES SUPPORT SYSTEMS	68	2545.5	1963.4	293.6	4802.5
1000 WEATHER SERVICES	260	9240.7	3421.7	293.6	12956.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - CENTRAL REGION

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
1110 Forecast Operations		41	1646.6	77.1		1723.7
1120 Provision of Services		38	1193.8	278.5		1472.3
1100 PUBLIC WEATHER SERVICES		<u>79</u>	<u>2840.4</u>	<u>355.6</u>		<u>3196.0</u>
2100 Surface Wx. Observations		37	1055.0	901.8		1956.8
2200 Upper Air Stations		50	2035.6	2296.4		4332.0
2300 Other Observations						
2000 DATA		<u>87</u>	<u>3090.6</u>	<u>3198.2</u>		<u>6288.8</u>
3010 CMC						
3100 Forecast Operations Support		6	164.9			164.9
3200 Forecast Production Research						
3300 Data Acquisition Research						
3400 Planning and Consultation		7	203.2	19.0		222.2
3500 Communications		12	327.5			327.5
3600 EDP Services		4	146.1	41.9		188.0
3700 Training				75.0		75.0
3800 Data Acquisition Services		27	873.0	1203.4		2076.4
3900 Management		2	73.6	6.0		79.6
3950 Management Support		14	713.5	542.1	488.5	1744.1
3000 WX SERVICES SUPPORT SYSTEMS		<u>72</u>	<u>2501.8</u>	<u>1887.4</u>	<u>488.5</u>	<u>4877.7</u>
1000 WEATHER SERVICES		<u>238</u>	<u>8432.8</u>	<u>5441.2</u>	<u>488.5</u>	<u>14362.5</u>

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - ONTARIO REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1110 Forecast Operations	8	318.5			318.5
1120 Provision of Services	73	2100.7	167.2		2267.9
1100 PUBLIC WEATHER SERVICES	81	2419.2	167.2		2586.4
1210 Forecast Operations	4	157.0			157.0
1220 Provision of Services	1	34.5	0.1		34.6
1200 MARINE WEATHER SERVICES	5	191.5	0.1		191.6
1310 Forecast Operations	9	353.0			353.0
1320 Provision of Services	6	184.6	24.5		209.1
1380 Aviation Observation					
1300 AVIATION WEATHER SERVICES	15	537.6	24.5		562.1
1410 Forecast Operations	4	157.0			157.0
1420 Provision of Services	1	30.6			30.6
1400 ECONOMIC WEATHER SERVICES	5	187.6			187.6
2100 Surface Wx. Observations	17	451.6	371.5	11.0	834.1
2200 Upper Air Stations	11	381.1	288.3	13.0	682.4
2300 Other Observations					
2000 DATA	28	832.7	659.8	24.0	1516.5
3010 CMC					
3100 Forecast Operations Support	7	410.5	176.0	28.5	615.0
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	1	50.0	7.0	29.0	86.0
3500 Communications	7	241.0			241.0
3600 EDP Services	3	121.0			121.0
3700 Training					
3800 Data Acquisition Services	18	579.9	224.5	119.0	913.0
3900 Management	2	76.0			76.0
3950 Management Support	13	326.4	293.1		619.5
3000 WX SERVICES SUPPORT SYSTEMS	51	1804.8	700.6	176.5	2671.9
1000 WEATHER SERVICES	185	5973.4	1552.2	200.5	7726.1

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - QUEBEC REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
1110 Forecast Operations	30	1079.6	1.5		1081.1
1120 Provision of Services	30	1108.0	196.0		1304.0
1100 PUBLIC WEATHER SERVICES	60	2187.6	197.5		2385.1
1310 Forecast Operations	5	177.5			177.5
1320 Provision of Services	16	474.4	38.7		513.1
1380 Aviation Observation	5	148.0	8.0		156.0
1300 AVIATION WEATHER SERVICES	26	799.9	46.7		846.6
1410 Forecast Operations	8	246.3	2.5		248.8
1420 Provision of Services					
1400 ECONOMIC WEATHER SERVICES	8	246.3	2.5		248.8
2100 Surface Wx Observations	29	798.1	631.0		1429.1
2200 Upper Air Stations	24	905.5	862.8		1768.3
2300 Other Observations			1.8		1.8
2000 DATA	53	1703.6	1495.6		3199.2
3010 CMC					
3100 Forecast Operations Support	6	243.6	295.0	37.2	575.8
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	3	101.3	11.6	4.0	116.9
3500 Communications	1	27.8	4.5		32.3
3600 EDP Services	14	429.5	1.0		430.5
3700 Training			24.0		24.0
3800 Data Acquisition Services	18	605.2	553.0	191.8	1350.0
3900 Management	2	72.9	3.0		75.9
3950 Management Support	9	656.1	387.2	27.2	1070.5
3000 WX SERVICES SUPPORT SYSTEMS	53	2136.4	1279.3	260.2	3675.9
1000 WEATHER SERVICES	200	7073.8	3021.6	260.2	10355.6

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - ATLANTIC REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
1110 Forecast Operations	32	1247.8	43.3	4.7	1295.9
1120 Provision of Services	68	1822.7	104.7		1927.4
1100 PUBLIC WEATHER SERVICES	100	3070.6	148.0	4.7	3223.3
1210 Forecast Operations	3	100.2			100.2
1220 Provision of Services	2	60.0			60.2
1200 MARINE WEATHER SERVICES	5	160.2			160.2
1310 Forecast Operations	10	365.1			365.1
1320 Provision of Services	6	194.0			194.0
1380 Aviation Observation					
1300 AVIATION WEATHER SERVICES	16	559.1			559.1
2100 Surface Wx. Observations	11	279.2	326.9		606.1
2200 Upper Air Stations	28	851.8	663.4	39.0	1554.2
2300 Other Observations			90.8		90.8
2000 DATA	39	1131.0	1081.1	39.0	2251.1
3010 CMC					
3100 Forecast Operations Support	9	306.6	52.3	3.4	362.3
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation	4	126.0	58.2	28.2	212.4
3500 Communications	22	613.3	188.3	0.7	802.3
3600 EDP Services	5	190.8	76.6	16.6	284.0
3700 Training	1	24.1	1.0		25.1
3800 Data Acquisition Services	14	377.4	282.2	72.0	731.6
3900 Management	2	70.4	4.5		74.9
3950 Management Support	7	566.0	278.3	70.4	914.7
3000 WX SERVICES SUPPORT SYSTEMS	64	2274.6	941.4	191.3	3407.3
1000 WEATHER SERVICES	224	7195.5	2170.5	235.0	9601.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research	41	1440.5	306.4	166.0	1912.9
3300 Data Acquisition Research	24	884.5	1359.9	1353.0	3597.4
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management	1	55.6	14.0		69.6
3950 Management Support	3	69.8	6.3		76.1
3000 WX SERVICES SUPPORT SYSTEMS	69	2450.4	1686.6	1519.0	5656.0
1000 WEATHER SERVICES	69	2450.4	1686.6	1519.0	5656.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE
METEOROLOGICAL SERVICES RES. BRANCH

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research	41	1440.5	306.4	166.0	1912.9
3300 Data Acquisition Research	21	736.5	1164.7	970.0	2871.2
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management	1	55.6	14.0		69.6
3950 Management Support	3	69.8	6.3		76.1
3000 WX SERVICES SUPPORT SYSTEMS	66	2302.4	1491.4	1136.0	4929.8
1000 WEATHER SERVICES	66	2302.4	1491.4	1136.0	4929.8

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE
ATMOSPHERIC PROCESSES RESEARCH BRANCH

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research					
3300 Data Acquisition Research	3	148.0	195.2	383.0	726.2
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management					
3950 Management Support	3	148.0	195.2	383.0	726.2
3000 WX SERVICES SUPPORT SYSTEMS	3	148.0	195.2	383.0	726.2
1000 WEATHER SERVICES	3	148.0	195.2	383.0	726.2

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICE DIRECTORATE

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
3010 CMC						
3100 Forecast Operations Support						
3200 Forecast Production Research						
3300 Data Acquisition Research	1		25.0			25.0
3400 Planning and Consultation						
3500 Communications	20		612.4	4959.0	1165.0	6736.4
3600 EDP Services	39		1375.0	3449.6	229.0	5053.6
3700 Training	72		2676.8	300.7	25.0	3002.5
3800 Data Acquisition Services	102		3384.4	651.9	125.0	4161.3
3900 Management	1		50.8			50.8
3950 Management Support	2		76.7	15.0	15.0	106.7
3000 WX SERVICES SUPPORT SYSTEMS	237		8201.1	9376.2	1559.0	19136.3
1000 WEATHER SERVICES	237		8201.1	9376.2	1559.0	19136.3

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICE DIRECTORATE
TRAINING BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research					
3300 Data Acquisition Research					
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training	72	2676.8	300.7	25.0	3002.5
3800 Data Acquisition Services					
3900 Management					
3950 Management Support					
3000 WX SERVICES SUPPORT SYSTEMS	<u>72</u>	<u>2676.8</u>	<u>300.7</u>	<u>25.0</u>	<u>3002.5</u>
1000 WEATHER SERVICES	<u>72</u>	<u>2676.8</u>	<u>300.7</u>	<u>25.0</u>	<u>3002.5</u>

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICE DIRECTORATE
DATA ACQUISITION SERVICES BRANCH

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
3010 CMC						
3100 Forecast Operations Support						
3200 Forecast Production Research						
3300 Data Acquisition Research						
3400 Planning and Consultation						
3500 Communications						
3600 EDP Services						
3700 Training						
3800 Data Acquisition Services	102	3384.4	651.9	125.0	4161.3	
3900 Management	1	50.8			50.8	
3950 Management Support	2	76.7	15.0	15.0	106.7	
3000 WX SERVICES SUPPORT SYSTEMS	105	3511.9	666.9	140.0	4318.8	
1000 WEATHER SERVICES	105	3511.9	666.9	140.0	4318.8	

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICE DIRECTORATE
COMMUNICATIONS SERVICES BRANCH

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
3010 CMC						
3100 Forecast Operations Support						
3200 Forecast Production Research						
3300 Data Acquisition Research						
3400 Planning and Consultation						
3500 Communications	20	612.4	4959.0	1165.0	6736.4	
3600 EDP Services	39	1375.0	3449.6	229.0	5053.6	
3700 Training						
3800 Data Acquisition Services						
3900 Management						
3950 Management Support						
3000 WX SERVICES SUPPORT SYSTEMS	59	1987.4	8408.6	1394.0	11790.0	
1000 WEATHER SERVICES	59	1987.4	8408.6	1394.0	11790.0	

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE - DIRECTOR GENERAL'S OFFICE

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
3010 CMC					
3100 Forecast Operations Support					
3200 Forecast Production Research	1	25.0			25.0
3300 Data Acquisition Research					
3400 Planning and Consultation					
3500 Communications					
3600 EDP Services					
3700 Training					
3800 Data Acquisition Services					
3900 Management					
3950 Management Support					
3000 WX SERVICES SUPPORT SYSTEMS	1	25.0			25.0
1000 WEATHER SERVICES	1	25.0			25.0

CANADIAN FORCES WEATHER SERVICE

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
1510 Forecasting and Briefing	4	140.3	151.0		291.3
1600 Data	14	526.5	125.5		652.0
1700 Consultation and Coord.	47	1755.3	973.5		2728.8
1800 CFWS Support System	38	1442.9	290.0		1732.9
1500 CANADIAN FORCES WEATHER SERVICES	103	3865.0	1540.0		5405.0
1000 WEATHER SERVICES	103	3865.0	1540.0		5405.0

APPENDIX E
ATMOSPHERIC ENVIRONMENT SERVICE
ORGANIZATIONAL UNITS AND THEIR 1982-83 BUDGETS
CONTRIBUTING TO THE
CLIMATE SERVICES
SUB-ACTIVITY

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC ENVIRONMENT SERVICE

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	72	1923.3	996.4	238.3	3158.0
4200 Reg. Consult./Dev.	28	1027.7	74.9	7.7	1110.3
4300 Nat. Consult./Dev.	50	1853.0	735.2	145.0	2733.2
4100 CLIMATE SERVICES	150	4804.0	1806.5	391.0	7001.5
4500 Climate Research	13	549.6	36.8	10.0	596.4
4500 CLIMATE RESEARCH	13	549.6	36.8	10.0	596.4
4600 Climate Prog. Support System	69	2149.1	1514.9	267.5	3931.5
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	69	2149.1	1514.9	267.5	3931.5
4000 CLIMATE PROGRAM	232	7502.7	3358.2	668.5	11529.4

FIELD SERVICES DIRECTORATE AND REGIONS

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	24	598.5	820.6	13.3	1432.4
4200 Reg. Consult./Dev.	28	1027.7	74.9	7.7	1110.3
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	52	1626.2	895.5	21.0	2542.7
4600 Climate Prog. Support System	11	335.7	45.7	37.5	418.9
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	11	335.7	45.7	37.5	418.9
4000 CLIMATE PROGRAM	63	1961.9	941.2	58.5	2961.6

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - PACIFIC REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity					
4110 Climate Services	5	115.5	72.5	2.0	190.0
4200 Reg. Consult./Dev.	4	159.2	10.5	3.0	172.7
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	9	274.7	83.0	5.0	362.7
4600 Climate Prog. Support System	2	37.3	5.4		42.7
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	37.3	5.4		
4000 CLIMATE PROGRAM	11	312.0	88.4	5.0	405.4

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - WESTERN REGION

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	6	157.0	89.5		246.5
4200 Reg. Consult./Dev.	1	41.5	2.0		43.5
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	7	198.5	91.5		290.0
4600 Climate Prog. Support System	2	60.0	7.5		67.5
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	60.0	7.5		67.5
4000 CLIMATE PROGRAM	9	258.5	99.0		357.5

FIELD SERVICES DIRECTORATE - CENTRAL REGION

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	3	72.9	65.9		138.8
4200 Reg. Consult./Dev.	7	237.5	17.6		255.1
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	10	310.4	83.5		393.9
4600 Climate Prog. Support System	2	62.4	5.3		67.7
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	62.4	5.3		67.7
4000 CLIMATE PROGRAM	12	372.8	88.8		461.6

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - ONTARIO REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	6	142.9	55.7	11.3	209.9
4200 Reg. Consult./Dev.	4	138.4	9.0	4.7	152.1
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	10	281.3	64.7	16.0	362.0
4600 Climate Prog. Support System	2	71.4	24.1		95.5
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	71.4	24.1		95.5
4000 CLIMATE PROGRAM	12	352.7	88.8	16.0	457.5

FIELD SERVICES DIRECTORATE - QUEBEC REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	1	27.8	492.7		520.5
4200 Reg. Consult./Dev.	4	152.0	6.0		158.0
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	5	179.8	498.7		678.5
4600 Climate Prog. Support System	1	43.4	1.0		44.4
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	1	43.4	1.0		44.4
4000 CLIMATE PROGRAM	6	223.2	499.7		722.9

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - ATLANTIC REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	3	82.4	44.3		126.7
4200 Reg. Consult./Dev.	8	299.1	29.8		328.9
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	<u>11</u>	<u>381.5</u>	<u>74.1</u>		<u>455.6</u>
4600 Climate Prog. Support System	2	61.2	2.4	37.5	101.1
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	<u>2</u>	<u>61.2</u>	<u>2.4</u>	<u>37.5</u>	<u>101.1</u>
4000 CLIMATE PROGRAM	<u>13</u>	<u>442.7</u>	<u>76.5</u>	<u>37.5</u>	<u>556.7</u>

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	1	34.2	7.1		41.3
4200 Reg. Consult./Dev.					
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	1	34.2	7.1		41.3
4600 Climate Prog. Support System	48	1483.6	1096.9	210.0	2790.5
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	48	1483.6	1096.9	210.0	2790.5
4000 CLIMATE PROGRAM	49	1517.8	1104.0	210.0	2831.8

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE -
COMPUTING AND COMMUNICATIONS SERVICES BRANCH

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
4600 Climate Prog. Support System	48	1483.6	1096.9	210.0	2790.5	
4610 EDP Services						
4620 Management						
4630 Management Support						
4600 CLIMATE PROG. SUPPORT SYSTEM	48	1483.6	1096.9	210.0	2790.5	
4000 CLIMATE PROGRAM	48	1483.6	1096.9	210.0	2790.5	

CANADIAN CLIMATE CENTRE - DIRECTOR GENERAL'S OFFICE

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
4110 Climate Services						
4200 Reg. Consult./Dev.						
4300 Nat. Consult./Dev.	7	267.0	8.2	16.0	290.2	
4100 CLIMATE SERVICES	7	267.0	8.2	16.0	290.2	
4500 Climate Research	13	549.6	36.8	10.0	596.4	
4510 Numerical Modelling						
4520 Diagnostics						
4530 Processes						
4500 CLIMATE RESEARCH	13	549.6	36.8	10.0	596.4	
4600 Climate Prog. Support System	8	253.0	360.3	20.0	633.3	
4610 EDP Services						
4620 Management						
4630 Management Support						
4600 CLIMATE PROG. SUPPORT SYSTEM	8	253.0	360.3	20.0	633.3	
4000 CLIMATE PROGRAM	28	1069.6	405.3	45.0	1519.9	

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CANADIAN CLIMATE CENTRE
CLIMATOLOGICAL APPLICATION BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
4110 Climate Services	47	1290.6	168.7	225.0	1684.3
4200 Consultation/Appl.					
4300 Nat. Consult./Dev.	43	1586.0	727.0	130.0	2443.0
4100 CLIMATE SERVICES	90	2876.6	895.7	355.0	4127.3
4600 Climate Prog. Support System	2	76.8	12.0		88.8
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	2	76.8	12.0		88.8
4000 CLIMATE PROGRAM	92	2953.4	907.7	355.0	4216.1

CANADIAN CLIMATE CENTRE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
4110 Climate Services	47	1290.6	168.7	225.0	1684.3
4200 Reg. Consultaiton/Appl.					
4300 Nat. Consult./Dev.	50	1853.0	735.2	145.0	2733.2
4100 CLIMATE SERVICES	97	3143.6	903.9	390.0	4409.5
4500 Climate Research	13	549.6	36.8	10.0	596.4
4510 Numerical Modelling					
4520 Diagnostics					
4530 Processes					
4500 CLIMATE RESEARCH	13	549.6	36.8	10.0	596.4
4600 Climate Prog. Support System	10	329.8	372.3	20.0	722.1
4610 EDP Services					
4620 Management					
4630 Management Support					
4600 CLIMATE PROG. SUPPORT SYSTEM	10	329.8	372.3	20.0	722.1
4000 CLIMATE PROGRAM	120	4023.0	1313.0	400.0	5736.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE
DATA ACQUISITION SERVICES BRANCH

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
4110 Climate Services	1	34.2	7.1		41.3
4200 Reg. Consult./Dev.					
4300 Nat. Consult./Dev.					
4100 CLIMATE SERVICES	1	34.2	7.1		41.3
4000 CLIMATE PROGRAM	1	34.2	7.1		41.3

APPENDIX F
ATMOSPHERIC ENVIRONMENT SERVICE
ORGANIZATIONAL UNITS AND THEIR 1982-83 BUDGETS
CONTRIBUTING TO THE
ICE SERVICES
SUB-ACTIVITY

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC ENVIRONMENT SERVICE

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
5100	Ice Reconnaissance	27	1133.5	9418.0		10551.5
5100	ICE RECONNAISSANCE	27	1133.5	9418.0		10551.5
5200	Ice Forecasting	15	606.3	223.0		829.3
	5210 Ice Forecasting Centre					
	5220 Forecast Development					
5200	ICE FORECASTING	15	606.3	223.0		829.3
5300	Ice Climate Services	4	162.1	20.0		182.1
5300	ICE CLIMATE SERVICES	4	162.1	20.0		182.1
5400	Ice Services Support Systems	4	166.6	358.0	130.0	654.6
	5410 Communciation/Computers					
	5420 Data System Dev./Maint.					
	5430 Research					
	5440 Management					
	5450 Management Support					
5400	ICE SERVICES SUPPORT SYSTEMS	4	166.6	358.0	130.0	654.6
5000	ICE SERVICES	50	2068.5	10019.0	130.0	12217.5

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICE DIRECTORATE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
5100 Ice Reconnaissance	27	1133.5	9418.0		10551.5
5100 ICE RECONNAISSANCE	27	1133.5	9418.0		10551.5
5200 Ice Forecasting	15	606.3	223.0		829.3
5210 Ice Forecasting Centre					
5220 Forecast Development					
5200 ICE FORECASTING	15	606.3	223.0		829.3
5300 Ice Climate Services	4	162.1	20.0		182.1
5300 ICE CLIMATE SERVICES	4	162.1	20.0		182.1
5400 Ice Services Support Systems	4	166.6	358.0	130.0	654.6
5410 Communication/Computers					
5420 Data System Dev./Maint.					
5430 Research					
5440 Management					
5450 Management Support					
5400 ICE SERVICES SUPPORT SYSTEMS	4	166.6	358.0	130.0	654.6
5000 ICE SERVICES	50	2068.5	10019.0	130.0	12217.5

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE - ICE BRANCH

SUB-SUB-ACTIVITY		PY	SALARY	O&M	CAPITAL	TOTAL
Sub-Sub-Sub-Activity						
5100	Ice Reconnaissance	27	1133.5	9418.0		10551.5
5100	ICE RECONNAISSANCE	27	1133.5	9418.0		10551.5
5200	Ice Forecasting	15	606.3	223.0		829.3
	5210 Ice Forecasting Centre					
	5220 Forecast Development					
5200	ICE FORECASTING	15	606.3	223.0		829.3
5300	Ice Climate Services	4	162.1	22.0		182.1
5300	ICE CLIMATE SERVICES	4	162.1	22.0		182.1
5400	Ice Services Support Systems	4	166.6	358.0	130.0	654.6
	5410 Communication/Computer					
	5420 Data System Dev./Maint.					
	5430 Research					
	5440 Management					
	5450 Management Support					
5400	ICE SERVICES SUPPORT SYSTEMS	4	166.6	358.0	130.0	654.6
5000	ICE SERVICES	50	2068.5	10019.0	130.0	12217.5

APPENDIX G
ATMOSPHERIC ENVIRONMENT SERVICE
ORGANIZATIONAL UNITS AND THEIR 1982-83 BUDGETS
CONTRIBUTING TO THE
AIR QUALITY SERVICES AND ATMOSPHERIC RESEARCH
SUB-ACTIVITY

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC ENVIRONMENT SERVICE

SUB-SUB-ACTIVITY

Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
6100 Air Quality Services					
6100 Air Quality Services	4	164.8	140.0	276.0	580.8
6100 AIR QUALITY SERVICES	4	164.8	140.0	276.0	580.8
6310 Dynamics	16	538.3	185.0	250.0	973.3
6350 Air Quality Monitoring	11	344.0	67.0	111.0	522.0
6400 Impacts & Criteria	7.5	207.3	61.0	14.0	282.3
6500 Processes	19.5	672.5	215.7	191.0	1079.2
6300 AIR QUALITY RESEARCH	54	1762.1	528.7	566.0	2856.8
6600 Research - Other	29	1222.6	1093.0	602.0	2917.6
6610 Stratospheric Pollution					
6620 Atmospheric Radiation					
6630 Ozone Monitoring					
6640 Solar Energy					
6650 Wind Energy					
6660 Cloud/Precip. Physics					
6670 Weather Modification					
6600 RESEARCH - OTHER	29	1222.6	1093.0	602.0	2917.6
6700 Air Quality & Research Support	16	1181.8	805.7	55.0	2042.5
6710 Management					
6720 Management Support					
6730 Instrument Support to Res.					
6740 PhD Leave					
6750 EDP Services					
6760 Visiting Fellowships					
6700 AIR QUALITY & RESEARCH SUPPORT	16	1181.8	805.7	55.0	2042.5
6000 AIR QUALITY SERVICES & RESEARCH	103	4331.3	2567.4	1499.0	8397.7

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
6100 Air Quality Services					
6100 Air Quality Services	4	164.8	140.0	276.0	580.8
6100 AIR QUALITY SERVICES	4	164.8	140.0	276.0	580.8
6310 Dynamics	16	538.3	185.0	250.0	973.3
6350 Air Quality Monitoring	11	344.0	67.0	111.0	522.0
6400 Impacts & Criteria	7.5	207.3	61.0	14.0	282.3
6500 Processes	19.5	672.5	215.7	191.0	1079.2
6300 AIR QUALITY RESEARCH	54	1762.1	528.7	566.0	2856.8
6600 Research - Other	29	1222.6	1093.0	602.0	2917.6
6610 Stratospheric Pollution					
6620 Atmospheric Radiation					
6630 Ozone Monitoring					
6640 Solar Energy					
6650 Wind Energy					
6660 Cloud/Precip. Physics					
6670 Weather Modification					
6600 RESEARCH - OTHER	29	1222.6	1093.0	602.0	2917.6
6700 Air Quality & Research Support	16	1181.8	805.7	55.0	2042.5
6710 Management					
6720 Management Support					
6730 Instrument Support of Res.					
6740 PhD Leave					
6750 EDP Services					
6760 Visiting Fellowships					
6700 AIR QUALITY & RESEARCH SUPPORT	16	1181.8	805.7	55.0	2042.5
6000 AIR QUALITY SERVICES & RESEARCH	103	4331.3	2567.4	1499.0	8397.7

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE - METEOROLOGICAL SERVICES RES. BRANCH

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
6600 Research - Other	3	100.0	89.0	11.0	200.0
6610 Stratospheric Pollution					
6620 Atmospheric Radiation					
6630 Ozone Monitoring					
6640 Solar Energy					
6650 Wind Energy					
6660 Cloud/Precip. Physics					
6670 Weather Modification					
6600 RESEARCH - OTHER	3	100.0	89.0	11.0	200.0
6000 AIR QUALITY SERVICES & RESEARCH	3	100.0	89.0	11.0	200.0

ATMOSPHERIC RESEARCH DIRECTORATE
ATMOSPHERIC PROCESSES RESEARCH BRANCH

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
6600 Research - Other	26	1122.6	1004.0	591.0	2717.6
6610 Stratospheric Pollution					
6620 Atmospheric Radiation					
6630 Ozone Monitoring					
6640 Solar Energy					
6650 Wind Energy					
6660 Cloud/Precip. Physics					
6670 Weather Modification					
6600 RESEARCH - OTHER	26	1122.6	1004.0	591.0	2717.6
6700 Air Quality & Research Support	2	80.0	40.0	4.0	124.0
6710 Management					
6720 Management Support					
6730 Instrument Support to Res.					
6740 PhD Leave					
6750 EDP Services					
6760 Visiting Fellowships					
6700 AIR QUALITY & RESEARCH SUPPORT	2	80.0	40.0	4.0	124.0
6000 AIR QUALITY SERVICES & RESEARCH	28	2325.2	1044.0	595.0	2841.6

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE
AIR QUALITY AND INTER-GOVERNMENT RESEARCH BRANCH

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
6100 Air Quality Services	4	164.8	140.0	276.0	580.8
6100 AIR QUALITY SERVICES	4	164.8	140.0	276.0	580.8
6310 Dynamics	16	538.3	185.0	250.0	973.3
6350 Air Quality Monitoring	11	344.0	67.0	111.0	522.0
6400 Impacts & Criteria	7	207.3	61.0	14.0	282.3
6500 Processes	19.5	672.5	215.7	191.0	1079.2
6300 AIR QUALITY RESEARCH	54	1762.1	528.7	566.0	2856.8
6700 Air Quality & Research Support	7	302.5	68.4	25.0	395.9
6710 Management					
6720 Management Support					
6730 Instrument Support to Res.					
6740 PhD Leave					
6750 EDP Services					
6760 Visiting Fellowships					
6700 AIR QUALITY & RESEARCH SUPPORT	7	302.5	68.4	25.0	395.9
6000 AIR QUALITY SERVICES & RESEARCH	65	2229.4	737.1	867.0	3833.5

ATMOSPHERIC RESEARCH DIRECTORATE
DIRECTOR GENERAL'S OFFICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
6700 Air Quality & Research Support	7	799.3	697.3	26.0	1522.6
6710 Management					
6720 Management Support					
6730 Instrument Support to Res.					
6740 PhD Leave					
6750 EDP Services					
6760 Visiting Fellowships					
6700 AIR QUALITY & RESEARCH SUPPORT	7	799.3	697.3	26.0	1522.6
6000 AIR QUALITY SERVICES & RESEARCH	7	799.3	697.3	26.0	1522.6

APPENDIX H
ATMOSPHERIC ENVIRONMENT SERVICE
ORGANIZATIONAL UNITS AND THEIR 1982-83 BUDGETS
CONTRIBUTING TO THE
DEPARTMENTAL INTEGRATED PROGRAMS
SUB-ACTIVITY

H-1

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC ENVIRONMENT SERVICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
7100 Environment Assess. & Review			3.5		3.5
7100 ENVIRONMENT ASSESSMENT & REVIEW			3.5		3.5
7200 LRTAP	5	259.3	579.6	93.0	931.9
7200 LRTAP	5	259.3	579.6	93.0	931.9
7000 DEPARTMENTAL INTEGRATED PROGRAMS	5	259.3	583.1	93.0	935.4

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE AND REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
7100 Environment Assess. & Review			3.5		3.5
7100 ENVIRONMENT ASSESSMENT & REVIEW			3.5		3.5
7200 LRTAP	1	42.0	3.6		45.6
7200 LRTAP	1	42.0	3.6		45.6
7000 DEPARTMENTAL INTEGRATED PROGRAMS	1	42.0	7.1		49.1

FIELD SERVICES DIRECTORATE - WESTERN REGION

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
7100 Environment Assess. & Review			3.5		3.5
7100 ENVIRONMENT ASSESSMENT & REVIEW			3.5		3.5
7200 LRTAP	1	42.0	3.6		45.6
7200 LRTAP	1	42.0	3.6		45.6
7000 DEPARTMENTAL INTEGRATED PROGRAMS	1	42.0	7.1		49.1

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC RESEARCH DIRECTORATE

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
7100 Environment Assess. & Review					
7100 ENVIRONMENT ASSESSMENT & REVIEW					
7200 LRTAP	1	77.3	528.0	93.0	698.3
7200 LRTAP	1	77.3	528.0	93.0	698.3
7000 DEPARTMENTAL INTEGRATED PROGRAMS	1	77.3	528.0	93.0	698.3

ATMOSPHERIC RESEARCH DIRECTORATE
AIR QUALITY AND INTER ENVIRONMENTAL-RESEARCH BRANCH

SUB-SUB-ACTIVITY					
Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
7100 Environment Assess. & Review					
7100 ENVIRONMENT ASSESSMENT & REVIEW					
7200 LRTAP	1	77.3	528.0	93.0	698.3
7200 LRTAP	1	77.3	528.0	93.0	698.3
7000 DEPARTMENTAL INTEGRATED PROGRAMS	1	77.3	528.0	93.0	698.3

APPENDIX I
ATMOSPHERIC ENVIRONMENT SERVICE
ORGANIZATIONAL UNITS AND THEIR 1982-83 BUDGETS
CONTRIBUTING TO THE
MANAGEMENT AND COMMON SUPPORT SYSTEMS
SUB-ACTIVITY

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ATMOSPHERIC ENVIRONMENT SERVICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
0811 Departmental Management	3	120.7	30.0		150.7
0820 Management Support	19	649.9	307.8	10.0	967.7
0810 MANAGEMENT	22	770.6	337.8	10.0	1118.4
0831 Personnel Services	5	255.7	156.5		412.2
0840 Financial Services	18	2010.4	2031.9	1009.2	5051.5
0850 General Administration	48	1052.7	2058.0	86.0	3196.7
0860 Public Information					
0870 Publication					
0880 Library Services	9	219.3	113.5		332.8
0890 Grants/Contributions					
0830 COMMON SUPPORT SERVICES	80	3538.1	4359.9	1095.2	8993.2
0800 MANAGEMENT & COMMON SUPPORT SERVICES	102	4308.7	4697.7	1105.2	10111.6

ASSISTANT DEPUTY MINISTER'S OFFICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
0811 Departmental Management	3	120.7	30.0		150.7
0820 Management Support	12	412.3	202.0		614.3
0810 MANAGEMENT	15	533.0	232.0		765.0
0800 MANAGEMENT & COMMON SUPPORT SERVICES	15	533.0	232.0		765.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

ADMINISTRATION BRANCH

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
0811 Departmental Management					
0820 Management Support	3	125.0	53.0	5.0	183.0
0810 MANAGEMENT	3	125.0	53.0	5.0	183.0
0831 Personnel Services	5	255.7	115.5		371.2
0840 Financial Services	18	2010.4	2031.9	1009.2	5051.5
0850 General Administration	48	1052.7	2058.0	86.0	3196.7
0860 Public Information					
0870 Publication					
0880 Library Services	9	219.3	113.5		332.8
0890 Grants/Contributions					
0830 COMMON SUPPORT SERVICES	80	3538.1	4318.9	1095.2	8952.2
0800 MANAGEMENT & COMMON SUPPORT SERVICES	83	3663.1	4371.9	1100.2	9135.2

FIELD SERVICES DIRECTORATE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
0831 Personnel Services			41.0		41.0
0840 Financial Services					
0850 General Administration					
0860 Public Information					
0870 Publication					
0880 Library Services					
0890 Grants/Contributions					
0830 COMMON SUPPORT SERVICES			41.0		41.0
0800 MANAGEMENT & COMMON SUPPORT			41.0		41.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE - ATLANTIC REGION

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
0831 Personnel Services			41.0		41.0
0840 Financial Services					
0850 General Administration					
0860 Public Information					
0870 Publication					
0880 Library Services					
0890 Grants/Contributions					
0830 COMMON SUPPORT SERVICES			<u>41.0</u>		<u>41.0</u>
0800 MANAGEMENT & COMMON SUPPORT SERVICES			<u>41.0</u>		<u>41.0</u>

CENTRAL SERVICES DIRECTORATE

SUB-SUB-ACTIVITY	PY	SALARY	O&M	CAPITAL	TOTAL
<u>Sub-Sub-Sub-Activity</u>					
0811 Departmental Management					
0820 Management Support	4	112.6	52.8	5.0	170.4
0810 MANAGEMENT	<u>4</u>	<u>112.6</u>	<u>52.8</u>	<u>5.0</u>	<u>170.4</u>
0800 MANAGEMENT & COMMON SUPPORT SERVICES	<u>4</u>	<u>112.6</u>	<u>52.8</u>	<u>5.0</u>	<u>170.4</u>

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

CENTRAL SERVICES DIRECTORATE - DIRECTOR GENERAL'S OFFICE

SUB-SUB-ACTIVITY Sub-Sub-Sub-Activity	PY	SALARY	O&M	CAPITAL	TOTAL
0811 Departmental Management	4	112.6	52.8	5.0	170.4
0820 Management Support	4	112.6	52.8	5.0	170.4
0810 MANAGEMENT					
0800 MANAGEMENT & COMMON SUPPORT SERVICES	4	112.6	52.8	5.0	170.4

APPENDIX J
ATMOSPHERIC ENVIRONMENT SERVICE
ORGANIZATIONAL UNITS AND THEIR 1982-83 BUDGETS
BY REGIONAL TOTALS

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

FIELD SERVICES DIRECTORATE & REGIONS

SUB-SUB-ACTIVITY

Sub-Sub-Sub-Activity	PAC	WEST	CENT	ONT	QUE	ATL	CMC	TOTAL
1110 Forecast Operations	712.5	1273.2	1723.7	318.5	1081.1	1295.9		6404.9
1120 Provision of Services	1312.7	1363.5	1472.3	2267.9	1304.0	1927.4		9656.8
1100 PUBLIC WEATHER SERVICES	2034.2	2636.7	3196.0	2386.4	2585.1	3223.3		16061.7
1210 Forecast Operations		39.8		157.0		100.2		297.0
1220 Provision of Services				34.6		60.0		94.6
1200 MARINE WEATHER SERVICES		39.8		191.6		160.2		391.6
1310 Forecast Operations	173.5	819.7		353.0	177.5	365.1		1888.8
1320 Provision of Services	225.6	381.7		209.1	513.1	194.0		1523.5
1380 Aviation Observation	796.1	74.1			156.0			1026.2
1300 AVIATION WEATHER SERVICES	1195.2	1275.5		562.1	846.6	559.1		4438.5
1410 Forecast Operations	36.0	232.3		157.0	248.8			674.1
1420 Provision of Services	73.0	1.0		30.6				104.6
1400 ECONOMIC WEATHER SERVICE	109.0	233.3		187.6	248.8			778.7
2100 Surface Wx. Obs.	1053.4	1753.3	1956.8	834.1	1429.1	606.1		7632.8
2200 Upper Air Stations	767.2	2129.1	4332.0	682.4	1768.3	1554.2		11233.2
2300 Other Observations	399.0	85.8			1.8	90.8		577.4
2000 DATA	2219.6	3968.2	6288.8	1516.5	3199.2	2251.1		19443.4
3010 CMC							2663.2	2663.2
3100 Fcst. Ops. Support	324.8	891.6	164.9	615.0	575.8	362.3		2934.4
3200 Fcst. Prod. Research								
3300 Data Acq. Research								
3400 Plan. & Consult.	115.5	91.1	222.2	86.0	116.9	212.4		844.1
3500 Communications	435.7	323.5	327.5	241.0	32.3	802.3	375.2	2537.5
3600 EDP Services	108.1	297.7	188.0	121.0	430.5	284.0		1429.3
3700 Training	80.4	123.0	75.0		24.0	25.1		327.5
3800 Data Acquisition Serv.	1245.9	1117.5	2076.4	913.4	1350.0	731.6		7434.8
3900 Management	76.2	1710.3	79.6	76.0	75.9	74.9		2092.9
3950 Management Support	641.2	247.8	1744.1	619.5	1070.5	914.7		5237.8
3000 WX SERVICES SUPPORT SYSTEMS	3027.8	4804.5	4877.7	2671.9	3675.9	3407.3	3038.4	25501.5
1000 WEATHER SERVICES	8585.8	12956.0	14362.5	7516.1	10555.6	9601.0	3038.4	66615.4

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

AES REGIONAL TOTALS

SUB-SUB-ACTIVITY	PAC	WEST	CENT	ONT	QUE	ATL	CMC	TOTAL
<u>Sub-Sub-Sub-Activity</u>								
0831 Personnel Serv.						41.0		41.0
0840 Financial Serv.								
0850 General Admin.								
0860 Public Info.								
0870 Publication								
0880 Library Serv.								
0890 Grants/Contr.								
0830 COMMON SUPPORT SERV.						41.0		41.0
0800 MANAGEMENT & COMMON SUPPORT SERVICES						41.0		41.0

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

AES REGIONAL TOTALS

SUB-SUB-ACTIVITY								
Sub-Sub-Sub-Activity	PAC	WEST	CENT	ONT	QUE	ATL	CMC	TOTAL
4110 Climate Services	190.0	246.5	138.8	209.9	520.5	126.7		1432.4
4200 Reg. Consult./Dev.	172.7	43.5	255.1	152.1	158.0	328.9		1110.3
4300 Nat. Consult./Dev.								
4100 CLIMATE SERVICES	362.7	290.0	393.9	362.0	678.5	455.6		2542.7
4600 Cli. Prog. Sup. Sys.	42.7	67.5	67.7	95.5	44.4	101.1		418.9
4610 EDP Services								
4620 Management								
4630 Management Support								
4600 CLIMATE PROG.SUP.SYS.	42.7	67.5	67.7	95.5	44.4	101.1		418.9
4600 CLIMATE PROGRAM SUPPORT SYSTEM	405.4	357.5	461.6	457.5	722.9	556.7		2961.6

1982-83 Budget by SA-2 and SA-3
(Nearest \$000)

AES REGIONAL TOTALS

SUB-SUB-ACTIVITY	PAC	WEST	CENT	ONT	QUE	ATL	CMC	TOTAL
7100 Env. Assess. & Rev.		3.5						3.5
7100 ENVIRON. ASSESS. & REV.		3.5						3.5
7200 LRTAP		45.6						45.6
7200 LRTAP		45.6						45.6
7000 DEPARTMENTAL INTEGRATED PROGRAMS		49.1						49.1