

---

<b>LETTER OF TRANSMITTAL</b>	iii
<b>ABOUT THIS REPORT</b>	v
- Report Structure	v
- Further Information	vi
<b>REVIEW BY THE DIRECTOR OF METEOROLOGY</b>	<b>1</b>
• A Year of Change and Celebration	1
• Performance Overview	2
• Significant Issues	3
• Financial Results	4
• Outlook for 2008-09	4
<b>AGENCY OVERVIEW</b>	<b>5</b>
• Role and Functions	5
• Organisation Structure	7
• Output Structure	9
<b>NEW DEVELOPMENTS 2007-08</b>	<b>11</b>
<b>METEOROLOGICAL AND RELATED DATA</b>	<b>23</b>
• Planned Outcome 2007-08	24
• Outputs 2007-08	25
- Output Performance 2007-08	25
• Achieving the Outcome	29
- Overview of 2007-08	29
- Observational Data	31
- Processed Data	36
- Ionospheric Prediction Products	38
<b>METEOROLOGICAL AND RELATED RESEARCH</b>	<b>41</b>
• Planned Outcome 2007-08	42
• Outputs 2007-08	42
- Output Performance 2007-08	43
• Achieving the Outcome	45
- Overview of 2007-08	46
- Earth System Modelling and Climate Research	46
- Weather, Oceans and Environment Research	52
• Research Related Activities	56
- Scientific Publications	56
- Collaboration	56
- Cooperative Research Centres	57
• National Research Priorities	58

<b>WEATHER SERVICES</b>	<b>59</b>
• Planned Outcome 2007-08	60
• Outputs 2007-08	61
- Output Performance 2007-08	61
• Achieving the Outcome	63
- Overview of 2007-08	63
- Disaster Mitigation Activities	64
- Public Weather Services	69
- Marine Weather Services	72
- Aviation Weather Services	75
- Defence Weather Services	77
<b>CLIMATE SERVICES</b>	<b>79</b>
• Planned Outcome 2007-08	80
• Outputs 2007-08	81
- Output Performance 2007-08	81
• Achieving the Outcome	83
- Overview of 2007-08	83
- Climate Data	84
- Climate Monitoring Service	88
- Analysis and Prediction Products	91
- Climate Policy Advice	93
<b>COMMERCIAL SERVICES</b>	<b>95</b>
• Planned Outcome 2007-08	96
• Outputs 2007-08	96
- Output Performance 2007-08	97
• Achieving the Outcome	97
- Overview of 2007-08	97
<b>HYDROLOGICAL SERVICES</b>	<b>101</b>
• Planned Outcome 2007-08	102
• Outputs 2007-08	103
- Output Performance 2007-08	103
• Achieving the Outcome	105
- Overview of 2007-08	105
- Water Data Service	107
- Water Monitoring Service	110
- Water Prediction Services	112
<b>OCEANOGRAPHIC SERVICES</b>	<b>115</b>
• Planned Outcome 2007-08	116
• Outputs 2007-08	117

- Output Performance 2007-08	117
• Achieving the Outcome	118
- Overview of 2007-08	118
<b>INTERNATIONAL METEOROLOGICAL ACTIVITIES</b>	<b>123</b>
• Planned Outcome 2007-08	124
• Outputs 2007-08	124
- Output Performance 2007-08	125
• Achieving the Outcome	127
- Overview of 2007-08	127
<b>CORPORATE GOVERNANCE</b>	<b>131</b>
• Organisational Arrangements	131
• Bureau of Meteorology Advisory Board	134
• Bureau of Meteorology Audit Committee	134
• Bureau of Meteorology Review	135
• Culture Survey	135
• Corporate Planning and Evaluation	136
• Risk Management and Fraud Control	136
• Heritage Strategy	137
• Service Charter	137
• Ethical Standards	138
• External Scrutiny	138
<b>CORPORATE RESOURCE MANAGEMENT</b>	<b>139</b>
• Workforce Planning and Staff Retention and Turnover	139
• Training	140
- Internal Training Activities	140
- International Training Activities	142
- National Meteorological Library	143
• Financial Management Issues	143
• Purchasing	144
• Asset Management	144
• Consultants	144
• Exempt Contracts	145
• Expenditure on Legal Services	145
<b>CORPORATE COMMUNICATION</b>	<b>146</b>
• Centenary of the Bureau	146
• Visits, Talks and Public Education (including online)	148
• Publications	148
• Media Relations	149

---

<b>FINANCIAL STATEMENTS</b>	<b>151</b>
Appendix 1 Meteorology Act 1955	213
Appendix 2 Water Act 2007 (extract)	215
Appendix 3 Staff Summary	223
Appendix 4 Total Resources	228
Appendix 5 Occupational Health and Safety	229
Appendix 6 Commonwealth Disability Strategy	231
Appendix 7 Freedom of Information	234
Appendix 8 Advertising and Market Research	237
Appendix 9 Ecologically Sustainable Development and Environmental Performance	238
Appendix 10 Consultancy Services of \$10,000 or more let during 2007-08	242
Appendix 11 Administered Grants - Modernisation and Extension of Hydrologic Monitoring Services Programme	244
Appendix 12 Australian National Audit Office Access Clauses	245
Appendix 13 Glossary of Acronyms	247
Appendix 14 Compliance Index	251
Appendix 15 Statement of Material Error	254
Annex A Bureau of Meteorology Advisory Board Annual Report 2007-08	255
<b>INDEX</b>	<b>260</b>