

CONTENTS

Page No.

LETTER OF TRANSMITTAL	iii
ABOUT THIS REPORT	v
- Report Structure	v
- Further Information	vi
CONTENTS	vii
REVIEW BY THE DIRECTOR OF METEOROLOGY	1
• Performance Overview	1
• Significant Issues	2
• Financial Results	2
• Outlook for 2004-05	2
AGENCY OVERVIEW	3
• Role and Functions	3
• Organisation Structure	4
• Output Structure	6
NEW DEVELOPMENTS 2004-05	9
METEOROLOGICAL AND RELATED DATA	21
• Planned Outcome 2004-05	22
• Outputs 2004-05	23
- Output Performance 2004-05	23
• Achieving the Outcome	26
- Observational Data	26
- Processed Data	30
METEOROLOGICAL AND RELATED RESEARCH	33
• Planned Outcome 2004-05	34
• Outputs 2004-05	34
- Output Performance 2004-05	35
• Achieving the Outcome	36
- Weather Research	36
- Climate Research	41
- Ocean Research	43
- Hydrology Research	46
• Research Related Activities	47
- Scientific Publications	47
- Collaboration	47
- Cooperative Research Centres	47
• National Research Priorities	48

WEATHER SERVICES	49
• Planned Outcome 2004-05	50
• Outputs 2004-05	51
- Output Performance 2004-05	52
• Achieving the Outcome	53
- Analysis and Prediction Products	53
- Disaster Mitigation Activities	55
- Public Weather Services	59
- Marine Weather Services	61
- Aviation Weather Services	63
- Defence Weather Services	65
- Cost Recovery Services	66
CLIMATE SERVICES	67
• Planned Outcome 2004-05	68
• Outputs 2004-05	68
- Output Performance 2004-05	69
• Achieving the Outcome	71
- Climate Data	71
- Climate Monitoring Service	76
- Climate Policy Advice	80
COMMERCIAL SERVICES	83
• Planned Outcome 2004-05	84
• Outputs 2004-05	84
- Output Performance 2004-05	85
• Achieving the Outcome	85
HYDROLOGICAL SERVICES	87
• Planned Outcome 2004-05	88
• Outputs 2004-05	88
- Output Performance 2004-05	89
• Achieving the Outcome	91
- Flood Warning Service	91
- Hydrometeorological Advice	93
OCEANOGRAPHIC SERVICES	95
• Planned Outcome 2004-05	96
• Outputs 2004-05	96
- Output Performance 2004-05	97
• Achieving the Outcome	97

INTERNATIONAL METEOROLOGICAL ACTIVITIES	101
• Planned Outcome 2004-05	102
• Outputs 2004-05	102
- Output Performance 2004-05	103
• Achieving the Outcome	104
CORPORATE GOVERNANCE	107
• Organisational Arrangements	107
• Bureau of Meteorology Advisory Board	109
• Bureau of Meteorology Audit Committee	109
• Corporate Planning and Evaluation	111
• Risk Management and Fraud Control	111
• Service Charter	112
• Ethical Standards	112
• External Scrutiny	112
CORPORATE RESOURCE MANAGEMENT	113
• Workforce Planning and Staff Retention and Turnover	113
• Training	114
- Internal Training Activities	115
- International Training Activities	116
- National Meteorological Library	117
• Financial Management Issues	118
• Management Information System	118
• Purchasing	119
• Asset Management	119
• Consultants	120
• Competitive Tendering and Contracting	120
PUBLIC EDUCATION	121
• Publications	122
• Web-based Information	122
• Visits, Talks and Media Presence	123
FINANCIAL STATEMENTS	125
APPENDIX 1 Meteorology Act 1955	184
APPENDIX 2 Staff Summary	186
APPENDIX 3 Total Resources	190
APPENDIX 4 Occupational Health and Safety	191
APPENDIX 5 Commonwealth Disability Strategy	192

APPENDIX 6 Freedom of Information	197
APPENDIX 7 Advertising and Market Research	199
APPENDIX 8 Ecologically Sustainable Development and Environmental Performance	200
APPENDIX 9 Glossary of Acronyms	204
APPENDIX 10 Compliance Index	209
APPENDIX 11 Consultancy Services Let During 2004-05	211
Annex A Bureau of Meteorology Advisory Board Annual Report 2004-05	212
INDEX	218