

GLOSSARY OF ACRONYMS

ABCB	Australian Building Codes Board
ABN	Australian Business Number (Bureau of Meteorology: 92 637 533 532)
ACCC	Australian Competition and Consumer Commission
ACMAD	African Centre of Meteorological Applications for Development
ADAM	Australian Data Archive for Meteorology
ADF	Australian Defence Force
ADFA	Australian Defence Forces Academy
ADM	Assistant Director (Management)
AFAC	Australasian Fire Authorities Council
AGO	Australian Greenhouse Office
AGSO	Australian Geological Survey Organisation
AIFS	Australian Integrated Forecast System
AIMS	Australian Institute of Marine Science
AMDAR	Aircraft Meteorological Data Relay
AMDISS	Australian Meteorological Data and Information Service System
AMFS	Australian Marine Forecasting System
AMIP	Atmospheric Model Intercomparison Project of WCRP
AMM	Australian Meteorological Magazine
AMOS	Australian Meteorological and Oceanographic Society
AMS	American Meteorological Society
AMSA	Australian Maritime Safety Authority
ANAO	Australian National Audit Office
ANCOLD	Australian National Commission on Large Dams
ANTS	A New Tax System
AOOS	Australian Ocean Observing System
APESMA	Association of Professional Engineers, Scientists and Managers, Australia
APN	Asia-Pacific Network for Global Change Research
ARA	Airborne Research Australia
ARM	Atmospheric Radiation Monitoring
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
AROS	Automated Regional Operations System
ARR	Australian Rainfall and Runoff
ASAP	Automated Shipboard Aerological Programme
ASEAN	Association of South East Asian Nations
ASL	Average Staffing Level
ATM	Asynchronous Transfer Mode
ATOVS	Advanced TOVS (NOAA15)
AusAID	Australian Agency for International Development
Ausplume	Victorian Environment Protection Agency's pollution dispersal software
Autosonde	automatic weather balloon sounding facility
AWA	Australian Workplace Agreements

AWRA2000	Australian Water Resources Assessment 2000
AWS	automatic weather station
BAM-3	BMRC Atmospheric Model, new version
BAS	Business Activity Statement
BMRC	Bureau of Meteorology Research Centre
BMTC	Bureau of Meteorology Training Centre
BPS	Basic Product Set, the list of Bureau products available free of charge to the community through the mass media and on the Bureau's web site
CAL	Computer Aided Learning
CAR	CSIRO Atmospheric Research
CASA	Civil Aviation Safety Authority
CBD	Central Business District
CCF	Central Computing Facility
CCI	Commission for Climatology of WMO
CCNCO	Commonwealth Competitive Neutrality Complaints Office
CCS	Climate and Consultative Services Section of each Regional Office
CDMS	Climate Database Management System, a project of WMO
CD-ROM	Compact Disc - Read Only Memory
CDIRS	Computerised Design IFD Rainfall System
CEI	Chief Executive Instructions
CG BAPS	Cape Grim Baseline Air Pollution Station
CGCM	Coupled General Circulation Model
CHy	Commission for Hydrology of WMO
CIMO	Commission for Instruments and Methods of Observations of WMO
Cli-Manage	Conference held to draw attention to the Bureau's climate services and to assist in identifying new service requirements
CLIMARC	CLIMate ARChives project
CLIMAT	An encoded report of monthly means, totals and extremes from a surface land observing station
CLIVAR	CLImate VARIability programme of the WCRP
CMA	China Meteorological Administration
CMB	Climate Monitoring Bulletin
CMR	CSIRO Marine Research
CMSS	Computer Message Switching System
COMCOVER	The Commonwealth's Insurable Risk Managed Fund
COMET	Cooperative Program for Meteorological Education and Training
COP4	Fourth Session of the Conference of the Parties to the UNFCCC (Buenos Aires, 1998)
COP5	Fifth Session of the Conference of the Parties to the UNFCCC (Bonn, 1999)
COP6	Sixth Session of the Conference of the Parties to the UNFCCC (The Hague, 2000)
COSB	Central Operations and Systems Branch
CPU	Central Processing Unit
CRC	Cooperative Research Centre
CRCCH	CRC for Catchment Hydrology
CRCSHM	CRC for Southern Hemisphere Meteorology

CSIRO	Commonwealth Scientific and Industrial Research Organisation
CVAP	Climate Variability in Agriculture Research and Development Program of LWRRC
CYCA	Cruising Yacht Club of Australia
DCP	Data Collection Platform
DEET	Department of Education, Employment and Training
DFAT	Department of Foreign Affairs and Trade
Dial-it	Weather information provided through 1196 telephone services
Difacs	Digital Facsimile
DMSU	Defence Meteorological Support Unit, located in Darwin
EA	Environment Australia
ECMWF	European Centre for Medium-range Weather Forecasts
EER	Environmental Emergency Response
EFB	Electronic Field Book
El Niño	Extensive warming of the central and eastern Pacific that leads to a major shift in weather patterns across the Pacific (in Australia, El Niño events are linked to an increased probability of dry conditions)
ENSO	El Niño - Southern Oscillation
ENVIROMON	data collection software for local agencies
EPA	Environment Protection Authority
ERIN	Environment Resources Information Network
FAR	False Alarm Ratio
Farmweather	Forecast and information service tailored for farmers and agribusiness, operated by SSU
FBT	Fringe Benefits Tax
FNCCC	Framework Convention on Climate Change of the UN
FDP	Forecast Demonstration Project of WWRP
FMA	Financial Management and Accountability Act
FMS	Fiji Meteorological Service
FMS	Financial Management System
FRIEND	Flow Regimes from International, Experimental and Network Data, a UNESCO-sponsored Asian Pacific Project
FSEP	Forecast Streamlining and Enhancement Project
FWCC	Flood Warning Consultative Committee
FWOC	Fleet Weather and Oceanographic Centre of the RAN
FY	Feng-Yun satellite series of China
GASP	Global Assimilation and Prediction System
GAW	Global Atmosphere Watch of WMO
GCOS	Global Climate Observing System
GFLOPS	billion floating-point operations per second
GIFTS	Geostationary Imaging Fourier Transform Spectrometer of USA
GIS	Geographic Information System
GLOBE	Global Learning Observations to Benefit the Environment
GMS	Geostationary Meteorological Satellite series of Japan

GNP	Gross National Product
GOOS	Global Ocean Observing System
GPRS	General Packet Radio Service
GSAM	Generalised Southeast Australia Method of PMP estimation
GSDM	Generalised Short Duration Method of PMP estimation
GSN	GCOS Surface Network
GSNMC	GSN Monitoring Centre
GST	Goods and Services Tax
GTS	Global Telecommunications System of WMO
GTSM	Generalised Tropical Storm Method of PMP estimation
GTSM-R	GTSM Revision
GUAN	GCOS Upper Air Network
HAS	Hydrometeorological Advisory Service
HF	High Frequency radio
HMS	Hydrometeorological Service of Vietnam
HOMS	Hydrological Operational Multipurpose System of WMO
HORACE	software for on-screen interactive editing of analysis charts
HPCCC	High Performance Computing and Communications Centre, jointly operated by the Bureau and CSIRO
HRM	Human Resources Management
HWP	Housing Working Party
HYSPLIT	Bureau's long range transport and dispersion model
IAEA	International Atomic Energy Agency
ICAO	International Civil Aviation Organization
IEA	International Energy Agency
IFD	Intensity-Frequency-Duration design rainfall information
IGOSS	Integrated Global Ocean Services System
IHP	International Hydrological Programme of UNESCO
IMO	International Meteorological Organization
INTERFET	International Force - East Timor
IOC	Intergovernmental Oceanographic Commission
IOCI	Indian Ocean Climate Initiative
IP	Intellectual Property
IPCC	Intergovernmental Panel on Climate Change, of WMO and UNEP
IRIMO	Islamic Republic of Iran Meteorological Organization
IT	Information Technology
JAFOOS	Joint Australian Facility for Ocean Observing Systems
JCOMM	Joint (WMO-IOC) Technical Commission on Oceanographic and Marine Meteorology
JMA	Japan Meteorological Agency
KMA	Korea Meteorological Administration
La Niña	El Niño's opposite phase (in Australia, La Niña events are linked to an increased probability of wet conditions)

LAPS	Limited Area Prediction System
LLWAS	Low Level Windshear Alerting System
LMD	Laboratoire de Meteorologie Dynamique (in France)
LWRRDC	Land and Water Resources Research and Development Corporation
MARS	Meteorological Archive and Retrieval System
MCSS	Marine Climatological Summaries Scheme
MEP	Management Education Program
MESO_LAPS	Fine-mesh (mesoscale) versions of LAPS
Metadata	Data about data
Meteogram	A graph of selected weather variables derived directly from the latest output of NWP models
Metra	a subsidiary of MetService
MetService	Meteorological Service of New Zealand Limited
MGA	Indonesian Meteorological and Geophysical Agency
MGA	Meteorological and Geostrophysical Abstracts
MIS	Management Information System
MMS	Malaysian Meteorological Service
MOFs	Model Output Forecasts
MOS	Model Output Statistics
MoU	Memorandum of Understanding
MSLP	Mean Sea Level (surface) Pressure
MTSAT	Multi-functional Transport Satellite (to succeed the GMS series)
NAA	National Archives Australia
NASA	National Aeronautics and Space Administration of the USA
NASDA	National Space Development Agency of Japan
NCC	National Climate Centre
NCDC	National Climate Data Center of US
NCEP	National Centers for Environmental Prediction of the USA
NDVI	Normalised Differential Vegetation Index
NEC	Nippon Electric Company
NEPM	National Environment Protection Measure
NGS	National Greenhouse Strategy
NMGU	National Media Graphics Unit
NMHS	National Meteorological and Hydrological Service
NMOC	National Meteorological and Oceanographic Centre
NMRS	New Marine Radio Service
NMS	National Meteorological Service
NOAA	National Oceanic and Atmospheric Administration
NWOC	Nowra Weather and Oceanographic Centre of the RAN
NWP	Numerical Weather Prediction
OEB	Observations and Engineering Branch
OGO	Office of Government Online
OIP	Operational Improvement Program
OLR	operating lease rentals
OPAG	Open Program Area Group of the WMO Commission for Basic Systems

OPR	Output Pricing Review
PAA	Project Atmosphere Australia
PAYG	Pay As You Go
PBS	Portfolio Budget Statement
PC	Personal Computer
PDF	Probability Distribution Function
PMP	Probable Maximum Precipitation
PNG	Papua New Guinea
POD	Probability of Detection
PRC	Peer Review Committee of the National Environment Protection Council
QCCA	Queensland Centre for Climate Applications
QMS	Quality Monitoring System
QPF	Quantitative precipitation forecast
RAAF	Royal Australian Air Force
RAFC	Regional Area Forecasting Centre of ICAO
RainMan	An agrometeorological software package
RainQC	A system to monitor the quality of daily rainfall totals
RAINVAL	A system for validating model forecasts of quantitative precipitation
RAN	Royal Australian Navy
Rapic	Radar Picture Display
RASS	Radio Acoustic Sounding System
RBL	Remote Balloon Launcher
RCL	Recognition of Current Learning
RCS	Reference Climate Station
Resolution 40	(of the Twelfth World Meteorological Congress) concerning free international exchange of basic meteorological data and products
RFC	Regional Forecasting Centre
RMIT	Royal Melbourne Institute of Technology
RMS	root mean square
RMSD	Regional Meteorological Service Directors Meeting of SPREP
RO	Regional Office of the Bureau
RPL	Recognition of Prior Learning
RSMC	Regional Specialized Meteorological Centre of WMO
RT	Real time
RTF	Request for Tender
RTH	Regional Telecommunications Hubs
SAMU	Sydney Airport Meteorological Unit
SAN	Storage Area Network
SAP	Software basis of the Bureau's new Financial Management System
SBSTA	Subsidiary Body on Scientific and Technological Advice of the Conference of the Parties to the UN FCCC
SCO	Seasonal Climate Outlook
SD	Sales and Distribution module, of SAP
SES	Senior Executive Service

SES	State Emergency Services
SILO	Project to provide Web access to a range of agrometeorological data
SitesDB	Sites (metadata) Database
Slatyer II	1997 Report on Capturing Opportunities in the Provision of Meteorological Services, by Prof Ralph Slatyer
Slatyer I	1996 Report of the Review of the Operation of the Bureau of Meteorology, by Prof Ralph Slatyer
SMS	Services Management System
SOC	Special Oceanographic Centre of IGOSS
SOCOG	Sydney Organising Committee for the Olympic Games
SOI	Southern Oscillation Index
SOE	State of the Environment
SPROG	Spectral PROGnosis, short term forecasting of rainfall
SPREP	South Pacific Regional Environment Programme
SST	Sea Surface Temperature
SSU	Special Services Unit
SVS	Standard Verification System of WMO's World Weather Watch
SX-4	NEC supercomputer within the HPCCC
SX-5	NEC supercomputer within the HPCCC
TAF	Terminal Aerodrome Forecast
TAO	Tropical Atmosphere Oceans
TAR	Third Assessment Report of the IPCC
TARS	Turn Around Ranging Stations
TBRG	Tipping bucket rain gauges
TCCSPSEIO	Tropical Cyclone Committee for the South Pacific and South-East Indian Ocean of WMO RA-V
TC-LAPS	Tropical cyclone version of the LAPS
TCP/IP	Transmission Control Protocol/Internet Protocol
TCWC	Tropical Cyclone Warning Centre
The Climate Zone	NCC intranet data extraction system
ThunderBox	Thunderstorm Toolbox
TITAN	Thunderstorm identification, tracking, analysis and nowcasting
TLAPS	Tropical LAPS
TOVS	TIROS Operational Vertical Sounder (NOAA14)
TPM	Technology Park Malaysia
TTS	Text to speech
UHF	ultra high frequency
UN	United Nations
UNCED	United Nations Conference on Environment and Development
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNFCCC	United Nations Framework Convention on Climate Change
UNTAET	United Nations Transitional Authority for East Timor
UTC	Coordinated Universal Time, equivalent to Greenwich Mean Time
UV	Ultra-violet radiation

VAAC	Volcanic Ash Advisory Centre
VCP	Voluntary Cooperation Programme of WMO
VHF	Very High Frequency
VOS	Voluntary Observing Ships
WAFB	World Area Forecast Centre of ICAO
WAFS	World Area Forecast System of ICAO
WAM	sea state prediction model of NMOC
WAP	Wireless Application Protocol
WATIR	Weather and terminal information reciter
WCP	World Climate Programme
WCRP	World Climate Research Programme
Weather by Fax	Weather information provided through Informatel's Infifax service
Weathercall	Weather information provided through the 1900 telephone service
Weather 21	Television weather channel
Web	World Wide Web
WGNE	Working Group on Numerical Experimentation of WCRP
WMC	World Meteorological Centre
WMO Region V	South-West Pacific
WMO	World Meteorological Organization
WRAP	Worldwide Recurring ASAP Project
WSO	Weather Service Office
WST	Wholesale Sales Tax
WWRP	World Weather Research Programme of WMO
WWW	World Weather Watch Programme of WMO
XBT	Expendable Bathythermograph
1-Dvar	1-dimensional variational data assimilation system