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<u>Annex Reference</u>	<u>State Reference</u>	<u>Difference Level</u>	<u>State Difference</u>
2.1.3	Nil	Less protective or partially implemented not implemented	Australia has not determined the service to be provided.
2.2.10	Nil	Less protective or partially implemented not implemented	Aviation meteorological information not provided though information services
2.3.3	Nil	Less protective or partially implemented not implemented	Not required in Australia by MA.
2.3.4	Nil	Less protective or partially implemented not implemented	Not required in Australia by MA.
3.3.3	Nil	Less protective or partially implemented not implemented	Landing forecasts are not provided. There is no national regulation or other documents carrying significant administrative force promulgated to address this.
3.4.2	Bureau of Meteorology Aeronautical Services Handbook Chapter 3 Section 2	Different in character or other means of compliance	SIGMET (WS) for oceanic areas below FL100 and for all levels south of 50S is available on request.
3.4.4	Bureau of Meteorology Aviation Services Handbook Chapter 3 Section 3 and Chapter 10 Section 3.	Less protective or partially implemented not implemented	SIGMET Coordination occurs with some neighbouring MWO's.
3.6	Nil	Different in character or other means of compliance	No State Volcano Observatory on McDonald and Heard Islands.
3.8.1	Aeronautical Services Handbook Chapter 10, section 10	Less protective or partially implemented not implemented	a) (2) Space weather advisory information for Communications via Satellite (SATCOM) is not provided.
4.1.5	Bureau Aeronautical Services Handbook Chapter 6 Section 3.7 CASR Part 172 CASR Part 139.065	Less protective or partially implemented not implemented	CASR only require Wind Velocity, Barometric pressure and Temperature for Met Displays in ATC Towers
4.1.6	Bureau Aeronautical Services Handbook Chapter 6 Section 3.7 CASR Part 172 CASR Part 139.065	Less protective or partially implemented not implemented	CASR only require Wind Velocity, Barometric pressure and Temperature for Met Displays in ATC Towers. CASR only require RVR data for specific types of Category I instrument approach and landing operations.
4.4.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 6 Section 3.4.2	Less protective or partially implemented not implemented	SPECI criteria are different to those prescribed in Annex 3 - refer to AIP GEN 3.5
4.4.2	a) N/A b) Bureau of Meteorology Aeronautical Services Handbook Chapter 6 Section 3.4.2	More exacting or exceeds	a) Australia does not issue Local special reports. b) Observations are issued as SPECI when meeting SPECI criteria in addition to half hourly METAR



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4.5.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 6 Section 3.7	Less protective or partially implemented not implemented	COR not used for METAR/SPECI
4.5.2	Bureau of Meteorology Aeronautical Services Handbook Chapter 6 Section 3.7	Less protective or partially implemented not implemented	Not all supplementary information included in METAR/SPECI
4.6.1.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 6 Section 2 Bureau of Meteorology Equipment Specification A2669	Less protective or partially implemented not implemented	Trigger to variations in wind direction reported at 60 degree change rather than 30 degrees for METAR. One second wind data from threshold anemometers provided to ATC towers for input into ATIS. No averaging or variations reported.
4.6.2.3	Bureau of Meteorology Aeronautical Services Handbook Chapter 6 Section 3.2.1	Less protective or partially implemented not implemented	AUTO METAR/SPECI are representative of the observing point
4.6.3.3	Bureau of Meteorology Codes Handbook - Chapter 12	Different in character or other means of compliance	Marked discontinuity of RVR provided if recorded within 10 minutes of observation. Reporting thresholds are 150, 350, 600 and 800m.
4.6.4.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 6 Tables 6.2 Bureau of Meteorology Codes Handbook 5.4.1	Different in character or other means of compliance	Limited weather phenomena reported in Automated METAR/SPECI
4.6.5.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 6 Section 3.7	Less protective or partially implemented not implemented	Vertical visibility, FEW, CB, TCU, are not reported in AUTO METAR/SPECI. Manual METAR/SPECI report VV when obscured by Smoke.
4.6.8.1	Australian Bureau of Meteorology Codes Handbook Ch12, 8 & 16	Different in character or other means of compliance	Supplementary information provided for Manual METAR/SPECI only
4.8.1	Nil	Less protective or partially implemented not implemented	Pre-eruption, eruption and volcanic ash activity not reported to ATS
5.2	Nil	Less protective or partially implemented not implemented	Routine aircraft observations do not provide meteorological information.
5.8	Bureau of Meteorology and Airservices Australia Cooperation Agreement	Less protective or partially implemented not implemented	a)N/A b) Routine and special air-reports received via data link not provided to Met Watch Office or WAFC. MET in routine air-reports only available in AMDAR equipped aircraft.
6.2.2	Bureau of Meteorology Aeronautical Services Handbook Chapter 7 Section 2.1.1 & 2.3	Different in character or other means of compliance	Non-CAT A TAFs are issued between 60 - 120 mins prior to commencement of validity



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6.2.3	Bureau of Meteorology Aeronautical Services Handbook Chapter 7 Section 2.7, Figure 7.1	Less protective or partially implemented not implemented	TAF not amended explicitly as per amendment criteria. Some TAF are amended as per operationally significant criteria however operationally significant criteria is not yet defined. Change indicator INTER is used for intermittent fluctuations of less than 30 minutes. Forecast element visibility is always included when using INTER and TEMPO. All forecast elements are included when using BECMG. Vertical visibility is only provided for obscuration by smoke. Some operationally significant criteria for TAF change groups. TAF change group for moderate change to/from heavy precipitation, drifting dust, sand or snow, and blowing dust or sand not provided. Mean surface wind criteria is 30°/15kts.
6.2.4	Bureau of Meteorology Aeronautical Services Handbook Chapter 7 Section 2.4.1 & 2.7.1	Less protective or partially implemented not implemented	Length of TAF not defined
6.2.6	Bureau of Meteorology Aeronautical Services Handbook Chapter 7 Section 2.3	Less protective or partially implemented not implemented	Some 30 hour TAFs issued every 3 hours (At civil aerodromes used by Defence, TAF issued hourly during operational hours)
6.3.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 7 Section 3.1, 3.3, Table 7.4 & 3.4	Less protective or partially implemented not implemented	Landing forecasts are not provided. There is no national regulation or other documents carrying significant administrative force promulgated to address this.
6.3.2	n/a	Less protective or partially implemented not implemented	Landing forecasts are not provided. There is no national regulation or other documents carrying significant administrative force promulgated to address this.
6.3.3	Bureau of Meteorology Aeronautical Services Handbook Chapter 7 Section 3.1.1, 3.9	Less protective or partially implemented not implemented	Landing forecasts are not provided. There is no national regulation or other documents carrying significant administrative force promulgated to address this.
6.4.1	Nil	Less protective or partially implemented not implemented	Take-off forecasts not provided
6.4.2	Nil	Less protective or partially implemented not implemented	Take-off forecasts not provided
6.5.1	Nil	Less protective or partially implemented not implemented	Area Forecast service for dense traffic operations below FL100 not defined



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6.5.2	Bureau of Meteorology Aeronautical Services Handbook Chapter 8 Section 4, Chapter 10 Section 4	Less protective or partially implemented not implemented	MT OBSC, FIR identifier, pressure centre, surface winds > 15kts and minimum QNH elements not included in chart form.
7.1.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 10 Section 3.1	Different in character or other means of compliance	SIGMET numbering does not reset at 0001UTC, continues until event is cancelled.
7.2.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 10 Section 4.1 and 4.2	Less protective or partially implemented not implemented	AIRMET phenomena SFC WIND and MT OBSC not provided. Criteria for SFC VIS less than 8000m and cloud base less than 1500ft. EDR not received.
7.2.2	Bureau of Meteorology Aeronautical Services Handbook Chapter 10 Section 4.7.1	Different in character or other means of compliance	AIRMET is cancelled if included in valid Area Forecast
7.3.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 10 Section 5.1.1	Different in character or other means of compliance	Aerodrome warning is supplied in a different format. Surface wind criteria from 34kts. Warning for TOX CHEM issued by another State Authority.
7.4.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 10 Section 8.1.1	Different in character or other means of compliance	Information on cause of wind shear provided.
7.4.2	Bureau of Meteorology Aeronautical Services Handbook Chapter 10 Section 8.5.2	Less protective or partially implemented not implemented	Criteria for the cancellation of wind shear warnings not defined
8.1.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 3 Section 5	Different in character or other means of compliance	Climatological summaries are available for selected aerodromes in Australia only
8.1.3	Nil	Less protective or partially implemented not implemented	Climatological data arrangements for new aerodromes not defined
8.2.1	Bureau of Meteorology Aeronautical Services Handbook Chapter 3 Section 5	Less protective or partially implemented not implemented	Climatological data availability, location and timing not defined for new and existing aerodromes
8.4	Nil	Less protective or partially implemented not implemented	Availability of aviation meteorological data for research, investigation and operational analysis not defined
9.1.3	CASR Part 175.125 CASR Part 172.C.2 Bureau of Meteorology/ Airservices Australia Cooperation Agreement	Less protective or partially implemented not implemented	N/A
9.3.1	Nil	Less protective or partially implemented not implemented	Advisory products supplied to users on request.



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9.3.2	CASR Part 172	Different in character or other means of compliance	Operators are advised of materially different meteorological information by the provision of amendments and/or voice communication within one hour flight time of the destination by the AIS/ATS authority.
10.2	Bureau of Meteorology Aeronautical Services Handbook Chapter 2 Section 7, Chapter 8 Section 3.7.28	Less protective or partially implemented not implemented	State of ground not provided
11.5	Aeronautical Information Publication GEN3.5	Less protective or partially implemented not implemented	D-VOLMET not used.
11.6.1	Aeronautical Information Publication GEN 3.5	Different in character or other means of compliance	Elements of TAF provided instead of Trend forecast
11.6.2	Aeronautical Information Publication GEN 3.5	Different in character or other means of compliance	Indication of availability of SIGMET provided if time available. NIL SIGMET not used. TAF will be included in VOLMET when operationally significant elements are present.