

International Civil Aviation Organization

ICAO

WORKING PAPER (WP/19)
**ICAO Asia and Pacific (APAC)
Twenty-Ninth Meeting of the Meteorology Sub-Group
(MET SG/29)**

Bangkok, Thailand, 18 - 22 August 2025

Agenda Item 4: Regional guidance material
**PROPOSAL FOR AMENDMENT OF THE ICAO ASIA AND PACIFIC REGIONS
(APAC) AIR NAVIGATION PLAN (ANP), VOLUME II**

(Presented by Australia)

SUMMARY

This paper presents a proposal of amendment to Tables MET II-1 and II-2 of the ICAO APAC ANP Volume II, reflecting Australia's current operational status.

1. INTRODUCTION

1.1 Part IV – Meteorology (MET) of the APAC ANP Volume II complements the ICAO Standards and Recommended Practices (SARPs) and Procedures for Air Navigation Services (PANS) by outlining regionally agreed responsibilities and implementation requirements for MET services. It also defines mandatory MET service requirements to be implemented under regional air navigation agreements—reflecting each State's commitment to meeting specified provisions.

2. DISCUSSIONProposed amendments

- 2.1 **Amend** PART V – METEOROLOGY (MET), TABLE MET II-1 – METEOROLOGICAL WATCH OFFICES as indicated in **Appendix A**.
- 2.2 **Amend** PART V – METEOROLOGY (MET), TABLE MET II-2 - AERODROME METEOROLOGICAL OFFICES as indicated in **Appendix B**.

Reasons for amendments

- 2.3 To reflect the current requirements for meteorological watch offices in Australia.
- 2.4 To reflect the current requirements for Australian aerodrome meteorological offices.
- 2.5 These changes were implemented following consultation with users.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Note the information contained in this paper; and
- b) Adopt the proposed amendments to Tables MET II-1 and II-2 of the ICAO APAC ANP Volume II

APPENDIX A

TABLE MET II-1 - METEOROLOGICAL WATCH OFFICES

EXPLANATION OF THE TABLE

Column

- | | |
|---|--|
| 1 | Name of the State where meteorological service is required |
| 2 | <p>Name of the Flight Information Region (FIR) or Control Area (CTA) where meteorological service is required</p> <p><i>Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.</i></p> |
| 3 | ICAO location indicator of the FIR or CTA |
| 4 | <p>Name of the meteorological watch office (MWO) responsible for the provision of meteorological service for the FIR or CTA</p> <p><i>Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.</i></p> |
| 5 | ICAO location indicator of the responsible MWO |
| 6 | <p>Requirement for SIGMET information (excluding for volcanic ash and for tropical cyclones) to be provided by the MWO for the FIR or CTA concerned, where:</p> <p>Y – Yes, required
N – No, not required</p> |
| 7 | <p>Requirement for SIGMET information for volcanic ash to be provided by the MWO for the FIR or CTA concerned, where:</p> <p>Y – Yes, required
N – No, not required</p> |
| 8 | <p>Requirement for SIGMET information for tropical cyclone to be provided by the MWO for the FIR or CTA concerned, where:</p> <p>Y – Yes, required
N – No, not required</p> |
| 9 | <p>Requirement for AIRMET information to be provided by the MWO for the FIR or CTA concerned, where:</p> <p>Y – Yes, required
N – No, not required</p> |

MET SG/29
Appendix A to WP/19

State	FIR or CTA Where Meteorological Service is Required		Responsible Meteorological Watch Office		Meteorological Service To Be Provided			
	Name	ICAO Location Indicator	Name	ICAO Location Indicator	SIGMET (WS)	SIGMET (WV)	SIGMET (WC)	AIRMET (WA)
1	2	3	4	5	6	7	8	9
...								
Australia	MELBOURNE FIR	YMMM	ADELAIDE (REGIONAL FORECASTING CENTRE)	YPRM	Y	N	N	Y
	BRISBANE FIR MELBOURNE FIR	YBBB YMMM	BRISBANE (REGIONAL FORECASTING CENTRE)	YBRF	Y	N	N	Y
	BRISBANE FIR MELBOURNE FIR	YBBB YMMM	DARWIN (REGIONAL FORECASTING CENTRE)	YPDM	Y	Y	Y	Y
	MELBOURNE FIR	YMMM	HOBART (REGIONAL FORECASTING CENTRE)	YMHF	Y	N	N	Y
	BRISBANE FIR MELBOURNE FIR	YBBB YMMM	MELBOURNE (WORLD MET CENTRE, BUREAU OF METEOROLOGY)	YMMC	Y	Y	Y	N
	BRISBANE FIR MELBOURNE FIR	YBBB YMMM	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMRF	Y	N	N	Y
	BRISBANE FIR MELBOURNE FIR	YBBB YMMM	PERTH (REGIONAL FORECASTING CENTRE)	YPRF	Y	N	Y	Y
	BRISBANE FIR MELBOURNE FIR	YBBB YMMM	SYDNEY (REGIONAL FORECASTING CENTRE)	YSRF	Y	N	N	Y
...								

APPENDIX B

TABLE MET II-2 - AERODROME METEOROLOGICAL OFFICES

EXPLANATION OF THE TABLE

Column

- | | |
|---|--|
| 1 | Name of the State where meteorological service is required |
| 2 | Name of the aerodrome (listed in Tables AOP) where meteorological service is required
<i>Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.</i> |
| 3 | ICAO location indicator of the aerodrome (listed in Tables AOP) |
| 4 | Designation of the aerodrome (listed in Tables AOP):
RG – international general aviation, regular use
RS – international scheduled air transport, regular use
RNS – international non-scheduled air transport, regular use
AS – international scheduled air transport, alternate use
ANS – international non-scheduled air transport, alternate use |
| 5 | Name of the aerodrome meteorological office responsible for the provision of meteorological service
<i>Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.</i> |
| 6 | ICAO location indicator of the responsible aerodrome meteorological office |
| 7 | Requirement for METAR/SPECI from the aerodrome concerned, where:
Y – Yes, required
N – No, not required |
| 8 | Requirement for information on the state of the runway provided by the appropriate airport authority to be included as supplementary information in METAR/SPECI from the aerodrome concerned, where:
Y - Yes, required
N- No, not required |

MET SG/29
Appendix B to WP/19

- 9 Requirement for trend forecast to be appended to METAR/SPECI from the aerodrome concerned, where:
Y – Yes, required
N – No, not required
- 10 Requirement for TAF from the aerodrome concerned, where:
T – Requirement for 12/18/24-hour validity aerodrome forecasts in TAF code (12/18/24H)
X – Requirement for 30-hour validity aerodrome forecasts in TAF code (30H)
N – No, not required
- 11 Requirement for maximum and minimum temperature (expected to occur during the period of validity of the TAF) to be included in TAF from the aerodrome concerned, where:
Y – Yes, required
N – No, not required
- 12 Availability of METAR/SPECI and TAF from the aerodrome concerned, where:
F – Full availability: OPMET information as listed issued for the aerodrome all through the 24-hour period
P – Partial availability: OPMET information as listed not issued for the aerodrome for the entire 24-hour period

State	Aerodrome (listed in Tables AOP) where meteorological service is to be provided			Responsible aerodrome meteorological office		Observations and forecasts to be provided					METAR/SPECI and TAF availability
	Name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	State of the runway METAR/SPECI	Trend forecast	TAF	Temperature Tx/Tn		
1	2	3	4	5	6	7	8	9	10	11	12
...											
Australia	ADELAIDE/ADELAIDE INTL	YPAD	RS	ADELAIDE/ADELAIDE INTL MELBOURNE (REGIONAL FORECASTING CENTRE)	YPAD YMRF	Y	N	Y N	X	N	F
	ALICE SPRINGS	YBAS	AS	DARWIN/DARWIN INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YPDN YBRF	Y	N	N	T	N	F
	AVALON	YMAV	RS	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMRF	Y	N	N	T	N	F
	BUSSELTON/BUSSELTON MARGARET RIVER	YBLN	AS	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMRF	Y	N	N	T	N	F
	BRISBANE/BRISBANE INTL	YBBN	RS	BRISBANE/BRISBANE INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YBBN YBRF	Y	N	Y N	X	N	F

MET SG/29
Appendix B to WP/19

State	Aerodrome (listed in Tables AOP) where meteorological service is to be provided			Responsible aerodrome meteorological office		Observations and forecasts to be provided					METAR/SPECI and TAF availability
	Name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	METAR/SPECI	State of the runway	Trend forecast	TAF	Temperature Tx/Tn	
1	2	3	4	5	6	7	8	9	10	11	12
	BROOME	YBRM	RS	BRISBANE (REGIONAL FORECASTING CENTRE)	YBRF	Y	N	N	T	N	F
	CAIRNS/CAIRNS INTL	YBCS	RS	CAIRNS/CAIRNS INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YBTL YBRF	Y	N	Y N	T	N	F
	CANBERRA	YSCB	RS	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMFR	Y	N	N	T	N	F
	CHRISTMAS ISLAND	YPXM	RS	PERTH/PERTH INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YPPH YBRF	Y	N	N	T	N	F
	COCOS (KEELING) ISLANDS INTL	YPCC	RS	PERTH/PERTH INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YPPH YBRF	Y	N	N	T	N	F
	COFFS HARBOUR	YCFS	RS	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMRF	Y	N	N	T	N	F
	DARWIN/DARWIN INTL	YPDN	RS	DARWIN/DARWIN INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YPDN YBRF	Y	N	Y N	X	N	F
	GERALDTON	YGEL	AS	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMRF	Y	N	N	T	N	F
	GOLD COAST	YBCG	RS	BRISBANE (REGIONAL FORECASTING CENTRE)	YBRF	Y	N	N	T	N	F
	HOBART	YMHB	RS	HOBART MELBOURNE (REGIONAL FORECASTING CENTRE)	YMHB YMRF	Y	N	N	T	N	F
	HORN ISLAND	YHID	RNS	BRISBANE (REGIONAL FORECASTING CENTRE)	YBRF	Y	N	N	T	N	F
	KALGOORLIE/KALGOORLIE-BOULDER	YPKG	AS	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMRF	Y	N	N	T	N	F
	LAUNCESTON	YMLT	AS	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMRF	Y	N	N	T	N	F
	LEARMONTH	YPLM	AS	BRISBANE (REGIONAL FORECASTING CENTRE)	YBRF	Y	N	N	T	N	F
	LORD HOWE ISLAND	YLHI	RS	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMRF	Y	N	N	T	N	F
	MELBOURNE/MELBOURNE INTL	YMML	RS	MELBOURNE/MELBOURNE INTL MELBOURNE (REGIONAL FORECASTING CENTRE)	YMML YMRF	Y	N	Y N	X	N	F
	NORFOLK ISLAND	YSNF	RS	SYDNEY/SYDNEY (KINGSFORD SMITH) INTL MELBOURNE (REGIONAL FORECASTING CENTRE)	YSSY YMRF	Y	N	N	T	N	F
	PERTH/PERTH INTL	YPPH	RS	PERTH/PERTH INTL MELBOURNE (REGIONAL FORECASTING CENTRE)	YPPH YMRF	Y	N	Y N	X	N	F

MET SG/29
Appendix B to WP/19

State	Aerodrome (listed in Tables AOP) where meteorological service is to be provided			Responsible aerodrome meteorological office		Observations and forecasts to be provided					METAR/SPECI and TAF availability
	Name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	METAR/SPECI	State of the runway	Trend forecast	TAF	Temperature Tx/Tn	
1	2	3	4	5	6	7	8	9	10	11	12
	PORT HEDLAND	YPPD	RS	PERTH/PERTH INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YPPH YBRF	Y	N	N	T	N	F
	ROCKHAMPTON	YBRK	AS	BRISBANE/BRISBANE INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YBBN YBRF	Y	N	N	T	N	F
	SUNSHINE COAST	YBSU	RS	BRISBANE (REGIONAL FORECASTING CENTRE)	YBRF	Y	N	N	T	N	F
	SYDNEY/SYDNEY (KINGSFORD SMITH) INTL	YSSY	RS	SYDNEY/SYDNEY (KINGSFORD SMITH) INTL MELBOURNE (REGIONAL FORECASTING CENTRE)	YSSY YMRP	Y	N	Y N	X	N	F
	TINDAL	YPTN	AS	DARWIN/DARWIN INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YPDN YBRF	Y	N	Y N	T	N	F
	TOOWOOMBA/BRISBANE WEST WELLCAMP	YBWW	RS	BRISBANE (REGIONAL FORECASTING CENTRE)	YBRF	Y	N	N	T	N	F
	TOWNSVILLE/TOWNSVILLE INTL	YBTL	RS	TOWNSVILLE/TOWNSVILLE INTL BRISBANE (REGIONAL FORECASTING CENTRE)	YBTL YBRF	Y	N	Y N	T	N	F
	WILLIAMTOWN	YWLM	AS	MELBOURNE (REGIONAL FORECASTING CENTRE)	YMRP	Y	N	N	T	N	F
	GOLD COAST/Gold Coast	YBCG	RS								
	BUSSELTON/Busselton Margaret River	YBLN	AS								
	BROOME/Broome Intl	YBRM	RS								
	SUNSHINE COAST/Sunshine Coast	YBSU	RS								
	TOOWOOMBA/Brisbane West Wellcamp	YBWW	RS								
	COFFS HARBOUR/Coffs Harbour	YCFS	RS								
	GERALDTON/Geraldton	YGEL	AS								
	HORN I./Horn I.	YHID	RNS								
	LORD HOWE ISLAND/Lord Howe I.	YLHI	RS								
	AVALON/Avalon	YMAV	RS								
	LAUNCESTON/Launceston	YMLT	AS								
	KALGOORLIE/Kalgoorlie Boulder	YPKG	AS								
	LEARMONTH/Learmonth	YPLM	AS								
	CANBERRA/Canberra	YSCB	RS								
	WILLIAMTOWN/Williamstown	YWLM	AS								
...											