



*International Civil Aviation Organization*

**NINETEENTH MEETING OF THE METEOROLOGY SUB-GROUP  
(MET SG/19) OF APANPIRG**

Bangkok, Thailand, 3 – 6 August 2015

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**Agenda Item 6: Research, development and implementation issues in the MET field**

6.4) OPMET exchange (including ROBEX WG Report)

**STATUS OF METAR/TAF AVAILABILITY FROM ASIAPAC**

(Presented by IATA)

**SUMMARY**

This paper summarizes the results of an OPMET data monitoring for the ASIAPAC region focused on SADIS and WIFS.

**1. INTRODUCTION**

1.1 SADIS Secure FTP and WIFS FTP are the main sources for meteorological data for aviation, regulated and controlled under ICAO standards and recommended practices. Beside the distribution of WAFS products it is used for broadcasting OPMET data. Basis for the data distribution via SADIS is the SADIS User Guide and the Annex 1 to this guide.

1.2 FASID Table MET 2A is the basic list for OPMET data transmission.

1.3 SADIS/WIFS has the task to provide all necessary or requested weather data to aviation users so that SADIS can be considered as a single source of data for flight planning purposes.

**2. DISCUSSION**

2.1 Many airlines are linked (directly or indirectly) to SADIS/WIFS as a primary and single source of weather data and products for aviation. Data like scheduled and non-scheduled OPMET data are depending on their availability and the user requirements.

2.2 The requirements for OPMET data described in FASID Table MET 2A have been revised several times over the last years. However, there was no update since April 2014. The current FASID Table MET 2A reflects the user requirements as well as the AOP table of the ICAO regions.

2.3 The following tables for AOP and NON-AOP aerodromes gives a brief overview about the current number of available AOP airports providing OPMET data on SADIS and/or WIFS from the ASIAPAC region. This statistic is based on information provided in FASID Table MET 2A dated April 2014 and on the result of IATA monitoring of the SADIS/WIFS broadcast over period of 9 weeks (ending at 20<sup>th</sup> of July, 2015).

	All	SADIS	WIFS	DWD
Aerodromes listed in FASID Table MET 2A	312 (+0)	312 (+0)	312 (+0)	312 (+0)
AOP Aerodromes listed in FASID Table MET 2A	99 (+0)	99 (+0)	99 (+0)	99 (+0)
AOP Aerodromes providing SA	199 (+9)	186 (-4)	152 (-16)	190 (+1)
AOP Aerodromes providing FT	203 (+5)	202 (+7)	187 (+0)	200 (+2)
AOP Aerodromes providing non OPMET	6 (+1)	9 (+0)	14 (-11)	7 (+0)

2.4 The above table shows that **199 (93,4%)** [190 (89,2%); 189 (90,4%); 2010: 179 (87,3%); 2009: 132 (61,7%)] AOP aerodromes issue METAR (SA) and **203 (95,3%)** [198 (93,0); 197 (94,3%); 2010: 183 (89,3%); 2009: 184 (86,0%)] AOP aerodromes issue TAF (FT) as requested.

2.5 States are obliged to issue METAR and TAF for AOP aerodromes unless the state notifies ICAO that no OPMET data are issued for that certain AOP aerodrome.

2.6 Overall a slight improvement of the availability of OPMET data for AOP aerodromes could be recognized. However, this is not reflected on SADIS or WIFS. Several data are available in the AISAPAC OPMET DB's but are not distributed as required. Further WIFS broadcast shows some gaps on weekdays. Over the monitoring period of 9 weeks it could be shown that OPMET data from several aerodromes are not available constantly every day while they are available on SADIS.

2.7 Since more and more Non-AOP aerodromes are used internationally IATA has formulated following general requirement for OPMET data in its IATA METTF/14 meeting:

**IATA Position:**

**All OPMET data currently available should be distributed. This does not mean modifying the airport status in the AOP table**

2.8 Non-AOP Aerodromes are widely used as en-route alternates and for ETOPS operation. With regard to a safe flight operation OPMET data for these aerodromes are important and should be available to all airlines.

2.9 The following table gives a brief overview about the current number of available NON-AOP airports providing OPMET data on SADIS and/or WIFS from the ASIAPAC region. This statistic is based on information provided in FASID Table MET 2A dated April 2014 and on the result of IATA monitoring of the SADIS/WIFS broadcast over period of 9 weeks (ending at 20<sup>th</sup> of July, 2015).

	All	SADIS	WIFS	DWD
Aerodromes listed in FASID Table MET 2A	312 (+0)	312 (+0)	312 (+0)	312 (+0)
Non-AOP Aerodromes listed in FASID Table MET 2A	99 (+0)	99 (+0)	99 (+0)	99 (+0)
Non-AOP Aerodromes providing SA	86 (+4)	71 (-11)	70 (+0)	85 (+3)
Non-AOP Aerodromes providing FT	95 (+0)	85 (-9)	84 (+4)	96 (+2)
Non-AOP Aerodromes providing non OPMET	4 (-1)	4 (-5)	11 (-3)	2 (-5)

2.10 The above table shows that **86 (86,9%)** [82 (82,8%); 2012: 71 (83,5,%); 2010: 99 (69,2,%); 2009: 84 (66,1%)] Non-AOP aerodromes issue METAR (SA) and **95 (96,0%)** [95 (96,0); 2012: 82 (96,5%); 2010: 99 (69,2%); 2009: 86 (67,7%)] Non-AOP aerodromes issue TAF (FT) as requested.

2.11 States are requested to issue and distribute METAR and TAF for Non-AOP aerodromes if available.

2.12 The availability of OPMET data for Non-AOP aerodromes have been decreased on SADIS. While the other data sources show some improvements. Further WIFS broadcast shows some gaps on weekdays. Over the monitoring period of 9 weeks it could be shown that OPMET data from several aerodromes are not available constantly every day while they are available on SADIS.

2.13 The above table shows also deficiencies regarding the availability of OPMET data on SADIS and WIFS. A detailed analysis shows that WIFS has significant less data than SADIS. In other words users who have only access to WIFS will miss a lot of important information. Further details are listed in Appendix 1 to this WP.

2.14 The columns of the tables in the appendices can be interpreted as follows:

Loc Ind	NON-DWD/day	NON-SADIS/day	NON-WIFS/day	FASID	AOP	SA/SP	FC/FT	Service
<b>AGGH</b>	<b>AAAAAAA</b>	<b>AAAAAAA</b>	<b>AAAAAAA</b>	Y	Y	Y	T	F
<b>VOCB</b>	<b>WWWWWWW</b>	<b>WWWWWWW</b>	<b>_____</b>	Y	Y	Y	T	F
<b>WAPP</b>	<b>_____</b>	<b>_____</b>	<b>XXXXXXX</b>	Y	Y	Y	T	F

**NON-DWD/day, NON-SADIS/day and NON-WIFS/day:**

Each of these columns contains a string of 7 characters. Each character represents one weekday, starting from Monday till Sunday from left to right.

“\_” – no data received or data received on SADIS and WIFS

	“A” – data not received on SADIS and WIFS, but available via AFTN from BoM, SIN DB or RJTD DB
	“D” – data are only available via DWD
	“S” - data are only available via SADIS
	“W” - data are only available via WIFS
	“X” – data are available on the other two sources
<b>FASID:</b>	Aerodrome is listed in FASID MET 2A
<b>AOP:</b>	Aerodrome is listed (“Y”) or not listed (“N”) in the AOP table
<b>SA/SP:</b>	METAR/SPECI is required for these aerodrome
<b>TAF:</b>	“C” – 9H TAF required “T” – 18/24H TAF required “X” – 30H TAF required
<b>Service:</b>	“F” – 24H service “P” – non 24H service “N” – no service (NO OPMET)

Information in RED requires special actions by ICAO and the states concerned.

AGGH: only available via AFTN

VOCB: only available on WIFS

WAPP: not available on WIFS

2.15 IATA is requesting some efforts by the group and states concerned to improve the availability of OPMET data for AOP aerodromes in the near future. The group may wish to formulate the following conclusion:

**Draft Conclusion 19/.... — Improvement of OPMET data availability for AOP and NON-AOP aerodromes**

That, ICAO and the member states of the ASIAPAC region be invited

- a) to continue the efforts to improve the availability of OPMET data for AOP aerodromes, and
- b) to try to achieve the aim of 95% availability (METAR and TAF) of all possible AOP aerodromes on SADIS/WIFS broadcast as soon as possible, and
- c) to try to achieve the aim of 90% availability (METAR and TAF) of all possible NON-AOP aerodromes on SADIS/WIFS broadcast as soon as possible, and
- d) to support harmonization of SADIS and WIFS content regarding OPMET data

2.16 There are additional aerodromes in the ASIAPAC region which not listed in the FASID Table MET 2A. The IATA monitoring shows that OPMET data were found on the SADIS and/or WIFS broadcast and/or were received through the German MET Service for some of these airports.

2.17 Non-AOP Aerodromes which are actually not listed in the FASID Table MET 2A are widely used as en-route alternates, emergency airports and for ETOPS operation. With regard to a safe flight operation OPMET data for these aerodromes are important and should be available to all airlines.

2.18 The following table gives a brief overview about the current number of available NON-AOP airports providing OPMET data on SADIS and/or WIFS and/or AFTN from the ASIAPAC region, but not listed in the FASID Table MET 2A. This statistic is based on information provided in FASID Table MET 2A dated April 2014 and on the result of IATA monitoring of the SADIS/WIFS/AFTN broadcast over period of 9 weeks (ending at 01<sup>st</sup> of August 2014).

Aerodromes not listed in FASID Table MET 2A issuing OPMET (SA and/or FT)	311
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2.19 According to the IATA position that all available OPMET data should be distributed and made available to airlines an update of the actual FASID Table MET 2A should be considered. The group may wish to formulate the following conclusion:

**Draft Conclusion 19/... — Update of FASID Table MET 2A for NON-AOP aerodromes**

That ICAO and the member states of the ASIAPAC region be invited

- a) to consider the possibility to update the current FASID Table MET 2A for the ASIAPAC region based on the list of airports in the attachment; and
- b) to implement the distribution accordingly

**3. ACTION BY THE MEETING**

3.1 The group is invited

- a) to note the results of the IATA OPMET data monitoring and information provided;
- b) to use the result tables to improve the OPMET data exchange in general; and
- c) decide on the Draft Conclusions

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## ATTACHMENT A

### ASI – AOP – METAR – Source Comparison

Loc Ind	NON-DWD/day	NON-SADIS/day	NON-WIFS/day	FASID	AOP	SA/SP	FC/FT	Service	Name	Country
NCRG	_____	. XXXXXXX	. _____	. Y	Y	. Y	T	F	. RAROTONGA_INTL.	Cook_Islands
NGTA	WWWWS_	. WWWW__	. ____S_	. Y	Y	. Y	T	F	. TARAWA/BONRIKI_INTL	Kiribati
NIUE	WWWWW_	. WWWWWW_	. _____	. Y	Y	. Y	T	F	. NIUE_INTL	Niue_(New_Zealand)
NSFA	WWWWW	. WWWWWW	. _____	. Y	Y	. Y	T	F	. FALEOLO/INTL	Samoa
VAAH	_____	. _____	. XXXXXXX	. Y	Y	. Y	X	F	. AHMEDABAD	India
VABB	_____	. _____	. XXXXXXX	. Y	Y	. Y	X	F	. MUMBAI	India
VANP	_____	. _____	. XXXXXXX	. Y	Y	. Y	T	F	. NAGPUR	India
VDPP	_____	. _____	. _XX_XX_	. Y	Y	. Y	T	P	. PHNOM_PENH	Cambodia
VDSR	_____	. _____	. _XXXXX_	. Y	Y	. Y	T	P	. SIEM_REAP	Cambodia
VEGT	_____	. DDDDXDD	. DDDD_DD	. Y	Y	. Y	T	F	. GUWAHATI	India
VEGY	_____	. DDDDDDD	. DDDDDDD	. Y	Y	. Y	T	F	. GAYA	India
VIAR	_____	. _____	. XXXXXXX	. Y	Y	. Y	X	F	. AMRITSAR	India
VIBN	_____	. _____	. XXXXXXX	. Y	Y	. Y	X	F	. VARANASI	India
VIDP	_____	. _____	. _XXXXX	. Y	Y	. Y	X	F	. DELHI_(IGI)	India
VLVT	_____	. _____	. XXXXXXX	. Y	Y	. Y	T	P	. VIENTIANE(WATTAY)	Lao_People's_Democratic_Republic
VOHS	_____	. _____	. XXXXXXX	. Y	Y	. Y	X	F	. HYDERABAD_INTL_AIRPORT	India
VOML	_____	. DDDDDXD	. DDDDD_D	. Y	Y	. Y	T	F	. MANGALORE	India
VOMM	_____	. _____	. XXXXXXX	. Y	Y	. Y	X	F	. CHENNAI	India
VOTR	_____	. _____	. XXXXXXX	. Y	Y	. Y	T	F	. TIRUCHIRAPPALLI	India
VOTV	_____	. _____	. XXXXXXX	. Y	Y	. Y	X	F	. THIRUVANANTHAPURAM	India
VRMM	_____	. _____	. _X_X_	. Y	Y	. Y	X	F	. IBRAHIM_NASIR_INTERNATIONAL_AIRPORT	Maldives
VTBD	_____	. _____	. _XX_XX_	. Y	Y	. Y	X	F	. BANGKOK/DON_MUEANG_INTL_AIRPORT	Thailand

VTBS	_____	. _____	. _XX_XX_	. Y	Y	. Y	X	F	. BANGKOK/SUARNABHUMI_INTL_AIRPORT	Thailand
VTBU	_____	. _____	. _XXXXX_	. Y	Y	. Y	T	F	. RAYONG/U-TAPAO_PATTAYA_INTL_AIRPORT	Thailand
VTCC	_____	. _____	. XXXXXX_	. Y	Y	. Y	X	F	. CHIANG_MAI/CHIANG_MAI_INTL_AIRPORT	Thailand
VTSP	_____	. _____	. _XXXXX_	. Y	Y	. Y	X	F	. PHUKET/PHUKET_INTL_AIRPORT	Thailand
VTSS	_____	. _____	. _XXXXX_	. Y	Y	. Y	T	F	. SONGKHLA/HAT_YAI_INTL_AIRPORT	Thailand
VVCR	_____	. _____	. _XXXXX_	. Y	Y	. Y	T	F	. CAM_RANH	Viet_Nam
VVCT	_____	. _____	. _X_XXX_	. Y	Y	. Y	T	F	. CAN_THO	Viet_Nam
VVDN	_____	. _____	. _XXXXX_	. Y	Y	. Y	T	F	. DA_NANG	Viet_Nam
VVNB	_____	. _____	. _XXXXX_	. Y	Y	. Y	T	F	. HA_NOI/NOI_BAI	Viet_Nam
VVPB	_____	. _____	. _XXXXX_	. Y	Y	. Y	T	F	. HUE/PHU_BAI	Viet_Nam
VVPQ	_____	. _____	. XXXXXXX	. Y	Y	. Y	T	F	. PHU_QUOC	Viet_Nam
VVTS	_____	. _____	. _X_XXX_	. Y	Y	. Y	X	F	. HO_CHI_MINH/TAN_SON_NHAT	Viet_Nam
VYYY	_____	. _____	. XXXXXX_	. Y	Y	. Y	T	F	. YANGON_INTERNATIONAL	Myanmar
WAAA	_____	. _____	. ___XX_	. Y	Y	. Y	X	F	. MAKASSAR/SULTAN_HASANUDDIN	Indonesia
<b>WAQQ</b>	<b>AAAAAAA</b>	<b>. AAAAAA</b>	<b>. AAAAAA</b>	<b>. Y</b>	<b>Y</b>	<b>. Y</b>	<b>T</b>	<b>P</b>	<b>. TARAKAN/JUWATA</b>	<b>Indonesia</b>
WIDN	_____	. _____	. XXXXXXX	. Y	Y	. Y	T	P	. TANJUNG_PINANG/RAJA_HAJI_FISABILILLAH	Indonesia
WIOO	_____	. _DDDD_	. XXDDDDX	. Y	Y	. Y	T	F	. PONTIANAK/SUPADIO	Indonesia
ZGNN	_____	. _____	. _XXXXX_	. Y	Y	. Y	T	F	. NANNING/WUXU	China
ZGSZ	_____	. _____	. _XXXXX_	. Y	Y	. Y	X	F	. SHENZHEN/BAOAN	China
ZMUB	_____	. _____	. ___XX_	. Y	Y	. Y	X	F	. ULAANBAATAR/CHINGGIS_KHAAN	Mongolia
ZPPP	_____	. _____	. _XXXXX_	. Y	Y	. Y	X	F	. KUNMING/CHANGSHUI	China
ZSAM	_____	. _____	. _XXXXX_	. Y	Y	. Y	T	F	. XIAMEN/GAOQI	China
ZSFZ	_____	. _____	. XXXXXXX	. Y	Y	. Y	T	F	. FUZHOU/CHANGLE	China
ZSJN	_____	. _____	. XXXXXXX	. Y	Y	. Y	T	F	. JINAN/YAOQIANG	China
ZUUU	_____	. _____	. XXXXXXX	. Y	Y	. Y	T	F	. CHENGDU/SHUANGLIU	China

## ATTACHMENT B

### ASI – NON-AOP – METAR – Source Comparison

Loc Ind	NON-DWD/day	NON-SADIS/day	NON-WIFS/day	FASID	AOP	SA/SP	FC/FT	Service	Name	Country
OPMT	_____	. D_D__	. DXXDXXX	. Y	N	. Y	T	F	. MULTAN/INTL.	Pakistan
OPST	_____	. DDDD_D	. DDDDXXD	. Y	N	. Y	T	F	. SIALKOT_INTERNATIONAL_AIRPORT	Pakistan
VLLB	_____	. _____	. XXXXXXX	. Y	N	. Y	T	P	. LUANG_PRABANG	Lao_People's_Democratic_Republic
VLLN	_____	. _____	. XXXXXXX	. Y	N	. Y	T	P	. LUANG_NAMTHA	Lao_People's_Democratic_Republic
VLPS	_____	. _____	. XXXXXXX	. Y	N	. Y	T	P	. PAKSE	Lao_People's_Democratic_Republic
VLSK	_____	. _____	. XXXXXXX	. Y	N	. Y	T	P	. SAVANNAKHET	Lao_People's_Democratic_Republic
VTPM	_____	. _____	. XXX_XXX	. Y	N	. Y	T	P	. TAK/MAE_SOT	Thailand
VTSE	_____	. _____	. XXXXXXX	. Y	N	. Y	T	P	. CHUMPHON/TAB_GAI	Thailand
VTSK	_____	. _____	. XXXXXXX	. Y	N	. Y	T	P	. PATTANI	Thailand
VYMD	_____	. _____	. XXXXX__	. Y	N	. Y	T	P	. MANDALAY_INTERNATIONAL	Myanmar
WADL	__S__	. _____	. XXXSXX__	. Y	N	. Y	T	F	. PRAYA/LOMBOK_INTERNATIONAL	Indonesia
WAYY	<b>A_AAA</b>	<b>. A_AAA</b>	<b>. A_AAA</b>	<b>. Y</b>	<b>N</b>	<b>. Y</b>	<b>T</b>	<b>P</b>	<b>. TIMIKA/MOSES_KILANGIN</b>	<b>Indonesia</b>
WMKE	_____	. _____	. XXXXXXX	. Y	N	. Y	T	F	. KERTEH_(PETRONAS)	Malaysia_(Peninsular)_(Malaysia)
YAMB	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. AMBERLEY	Australia
YBHM	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. HAMILTON_ISLAND	Australia
YBMA	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. MOUNT_ISA	Australia
YCIN	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. CURTIN	Australia
YFRT	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. FORREST	Australia
YGEL	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. GERALDTON	Australia
YHID	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. HORN_ISLAND	Australia
YPEA	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. PEARCE	Australia
YPGV	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. GOVE	Australia
YPJT	WWWWW_W	. WWWWW_W	. _____	. Y	N	. Y	T	F	. PERTH/JANDAKOT	Australia
YPKU	_____	. XXXXXXX	. _____	. Y	N	. Y	T	F	. KUNUNURRA	Australia



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YPWR	_____	.	XXXXXXX	.	_____	.	Y	N	.	Y	T	F	.	WOOMERA	Australia
YSDU	_____	.	XXXXXXX	.	_____	.	Y	N	.	Y	T	F	.	DUBBO	Australia
YSRI	_____	.	XXXXXXX	.	_____	.	Y	N	.	Y	T	F	.	RICHMOND_(NSW)	Australia
YSTW	_____	.	XXXXXXX	.	_____	.	Y	N	.	Y	T	F	.	TAMWORTH	Australia

## ATTACHMENT C

### ASI – AOP – TAF – Source Comparison

Loc Ind	NON-DWD/day	NON-SADIS/day	NON-WIFS/day	FASID	AOP	SA/SP	FC/FT	Service	Name	Country
AGGH	__A_A	__D_A_A	X_DXAXA	Y	Y	Y	T	F	HONIARA_(HENDERSON)	Solomon_Islands
AYVN	__A	__A	_XXXAX	Y	Y	Y	_	F	VANIMO	Papua_New_Guinea
NVSS	SSSSXS	_____	SSSS_S	Y	Y	Y	T	F	SANTO/PEKOA	Vanuatu
NVVV	_____	_____	XXXX_X	Y	Y	Y	T	F	PORT_VILA/BAUERFIELD	Vanuatu
RJGG	_____	_____	XXX_X	Y	Y	Y	X	F	CHUBU_CENTRAIR_INTL	Japan
VAAH	_____	_D	X_D_XX	Y	Y	Y	X	F	AHMEDABAD	India
VABB	_____	_____	_X_XX	Y	Y	Y	X	F	MUMBAI	India
VANP	_____	_D	XXDX	Y	Y	Y	T	F	NAGPUR	India
VCRI	_SSSSS	_____	XSSSSS	Y	Y	Y	X	F	MATTALA/MATTALA_RAJAPAKSA_INTERNATIONAL_AIRPORT	Sri_Lanka
VDPP	_____	_____	X_X_X	Y	Y	Y	T	P	PHNOM_PENH	Cambodia
VDSR	_____	_____	X_X_X	Y	Y	Y	T	P	SIEM_REAP	Cambodia
VEGT	_____	DDDD	DDDD	Y	Y	Y	T	F	GUWAHATI	India
VEGY	_____	DDDDDDD	DDDDDDD	Y	Y	Y	T	F	GAYA	India
VEPT	_____	_D_D	XDXXXX	Y	Y	Y	X	F	PATNA	India
VIAR	_____	_____	XXXX_X	Y	Y	Y	X	F	AMRITSAR	India
VIBN	_____	_____	X_XXXX	Y	Y	Y	X	F	VARANASI	India
VIJP	_____	_____	XX_XXX	Y	Y	Y	T	F	JAIPUR	India
VNKT	_____	_____	X_XXXX	Y	Y	Y	T	F	KATHMANDU	Nepal
VOCB	_____	_X_X	_____	Y	Y	Y	T	F	COIMBATORE	India
VRMG	_____	_____	_XX_X	Y	Y	Y	X	F	GAN/GAN_INTERNATIONAL_AIRPORT	Maldives
VTBS	_____	_____	_X_XXX	Y	Y	Y	X	F	BANGKOK/SUVARNABHUMI_INTL_AIRPORT	Thailand
VTCT	_____	_____	_X_XX	Y	Y	Y	X	F	CHIANG_RAI/MAE_FAH_LUANG-CHIANG_RAI_INTL_AIRPORT	Thailand
VTSG	_____	_____	XX_XXX	Y	Y	Y	T	F	KRABI	Thailand
VVCR	_____	_____	XX_X	Y	Y	Y	T	F	CAM_RANH	Viet_Nam
VVCT	_____	_____	_X_X	Y	Y	Y	T	F	CAN_THO	Viet_Nam
VVDN	_____	_____	XX_X	Y	Y	Y	T	F	DA_NANG	Viet_Nam
VVPB	_____	_____	XX_X	Y	Y	Y	T	F	HUE/PHU_BAI	Viet_Nam

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VVPQ	_____	. _____	. XX_X__	. Y	Y	. Y	T	F	. PHU_QUOC	Viet_Nam
WADD	_____	. _____	. X__X_	. Y	Y	. Y	X	F	. BALI_INTL/NGURAH_RAI	Indonesia
WAMM	_____	. _____	. __X_X_	. Y	Y	. Y	X	F	. MANADO/SAMRATULANGI	Indonesia
WAQQ	__S__	. _____	. _XXSX_X	. Y	Y	. Y	T	P	. TARAKAN/JUWATA	Indonesia
WARR	_____	. _____	. X__XXX	. Y	Y	. Y	T	F	. SURABAYA/JUANDA	Indonesia
WIBB	_____	. _____	. XXX_X_X	. Y	Y	. Y	T	F	. PEKANBARU/SULTAN_SYARIF_KASIM_II	Indonesia
WIDN	_____	. __D__	. XXXDXXX	. Y	Y	. Y	T	P	. TANJUNG_PINANG/RAJA_HAJI_FISABILILLAH	Indonesia
WIEE	_____	. _____	. XXXX_XX	. Y	Y	. Y	T	F	. PANDANG/MINANGKABAU	Indonesia
WIHH	_____	. _____	. X__X_	. Y	Y	. Y	T	P	. JAKARTA/HALIM_PERDANAKUSUMA	Indonesia
ZGNN	_____	. _____	. _X_XX	. Y	Y	. Y	T	F	. NANNING/WUXU	China
ZGSZ	_____	. _____	. _XX_X_	. Y	Y	. Y	X	F	. SHENZHEN/BAOAN	China
ZHHH	_____	. _____	. _XXXXXX	. Y	Y	. Y	T	F	. WUHAN/TIANHE	China
ZJSY	_____	. _____	. _XXXXXX	. Y	Y	. Y	T	F	. SANYA/PHOENIX	China
ZLLL	_____	. _____	. _XXXXXX	. Y	Y	. Y	T	F	. LANZHOU/ZHONGCHUAN	China
ZMUB	_____	. _____	. __X_X_	. Y	Y	. Y	X	F	. ULAANBAATAR/CHINGGIS_KHAAN	Mongolia
ZPPP	_____	. _____	. _X_X_	. Y	Y	. Y	X	F	. KUNMING/CHANGSHUI	China
ZSAM	_____	. _____	. _X_X_X	. Y	Y	. Y	T	F	. XIAMEN/GAOQI	China
ZSNJ	_____	. _____	. _XXXXXX	. Y	Y	. Y	T	F	. NANJING/LUKOU	China
ZSOF	_____	. _____	. _XXXXXX	. Y	Y	. Y	T	F	. HEFEI/XINQIAO	China
ZSPD	_____	. _____	. _XXXX_X	. Y	Y	. Y	X	F	. SHANGHAI/PUDONG	China
ZUCK	_____	. _____	. _XXXXXX	. Y	Y	. Y	T	F	. CHONGQING/JIANGBEI	China
ZUUU	_____	. _____	. _X_XX	. Y	Y	. Y	T	F	. CHENGDU/SHUANGLIU	China
ZYHB	_____	. _____	. _XXXXXX	. Y	Y	. Y	T	F	. HARBIN/TAIPING	China

## ATTACHMENT D

### ASI – NON-AOP – TAF – Source Comparison

Loc Ind	NON-DWD/day	NON-SADIS/day	NON-WIFS/day	FASID	AOP	SA/SP	FC/FT	Service	Name	Country
AYNZ	_____	_____	. XXXXXXX	. Y	N	. Y	C	F	. NADZAB	Papua_New_Guinea
AYWK	_____	_____	. XXXX_XX	. Y	N	. Y	_	F	. WEWAK	Papua_New_Guinea
OPST	_____	_____	. XXXXXXX	. Y	N	. Y	T	F	. SIALKOT_INTERNATIONAL_AIRPORT	Pakistan
PWAK	_____	_____	. ___XX_	. Y	N	. Y	X	P	. WAKE_ISLAND_AIRFIELD,WAKE_I.	Wake_Island_(United_States)
RPMR	_____	_____	. ___X_	. Y	N	. Y	T	P	. TAMBLER,GEN._SANTOS,SOUTH_COTABATO	Philippines
RPVD	_____	_____	. ___X_	. Y	N	. Y	T	P	. DUMAGUETE/SIBULAN,_NEGROS_ORIENTAL	Philippines
VLLB	_____	_____	. _X_XX_	. Y	N	. Y	T	P	. LUANG_PRABANG	Lao_People's_Democratic_Republic
VLLN	_____	_____	. _X_XX_	. Y	N	. Y	T	P	. LUANG_NAMTHA	Lao_People's_Democratic_Republic
VLPS	_____	_____	. _X_XX_	. Y	N	. Y	T	P	. PAKSE	Lao_People's_Democratic_Republic
VLSK	_____	_____	. _X_XX_	. Y	N	. Y	T	P	. SAVANNAKHET	Lao_People's_Democratic_Republic
VYMD	_____	_____	. XX_XXXX	. Y	N	. Y	T	P	. MANDALAY_INTERNATIONAL	Myanmar
WAHH	_____S	_____D_D	. XXXDSD_	. Y	N	. Y	T	P	. YOGYAKARTA/ADI_SUTJIPTO	Indonesia
WAHQ	_____	_____DD_DD	. DDX_DD	. Y	N	. Y	T	P	. SOLO/ADI_SUMARMO	Indonesia
WAYY	_____	_____	. XXXXXXX	. Y	N	. Y	T	P	. TIMIKA/MOSES_KILANGIN	Indonesia
WMKD	_____	_____	. XXXXXXX	. Y	N	. Y	_	F	. KUANTAN	Malaysia_(Peninsular)_(Malaysia)
YAMB	_____	_____	. _X_XXX	. Y	N	. Y	T	F	. AMBERLEY	Australia
YBHM	_____	_____	. XXXXXXX	. Y	N	. Y	T	F	. HAMILTON_ISLAND	Australia
YBMA	_____	_____	. X_X_XXX	. Y	N	. Y	T	F	. MOUNT_ISA	Australia
YGEL	_____	_____	. ___XX_	. Y	N	. Y	T	F	. GERALDTON	Australia
YHID	_____	_____	. ___X_	. Y	N	. Y	T	F	. HORN_ISLAND	Australia
YMLT	_____	_____	. ___X_	. Y	N	. Y	T	F	. LAUNCESTON	Australia
YPJT	_____	_____	. X_X_	. Y	N	. Y	T	F	. PERTH/JANDAKOT	Australia

## ATTACHMENT E

### ASI – AOP – METAR - TAF – Not broadcasted

Loc	SA/day	FC/day	FT/day	FASID	AOP	SA/SP	TAF	Service	Name	Country
AGGH	YYYYYYY	~~~~~	YYYY~Y~	. Y	Y	. Y	T	F	. HONIARA_(HENDERSON)	Solomon_Islands
ANYN	~~~~~	~~~~~	YYYYYYY	. Y	Y	. Y	T	F	. NAURU_AIRPORT	Nauru
AYPY	~~~~~	~~~~~	YYYYYYY	. Y	Y	. Y	T	F	. PORT_MORESBY_INTL	Papua_New_Guinea
AYVN	~~~~~Y~	~YY~YY~	~YYYY~Y	. Y	Y	. Y	_	F	. VANIMO	Papua_New_Guinea
NLWW	~~~~~	~~~~~	YYYYYYY	. Y	Y	. Y	T	F	. WALLIS_HIHIFO	Wallis_and_Futuna_Islands_(France)
NSTU	Y~~~~	~~~~~	YYYYYYY	. Y	Y	. Y	T	F	. PAGO_PAGO_INTERNATIONAL,TUTUILA_I.	American_Samoa_(United_States)
NVSS	YY~Y~	~~~~~	YYYYYYY	. Y	Y	. Y	T	F	. SANTO/PEKOA	Vanuatu
OAKN	~~~~~	~~~~~	~~~~~	. Y	Y	. Y	T	F	. KANDAHAR	Afghanistan
OPGD	~~~~~	~~~~~	YYYYYYY	. Y	Y	. Y	T	F	. GWADAR/INTL.	Pakistan
PTPN	YYYYYYY	~~~~~	Y~Y~Y~Y	. Y	Y	. Y	T	P	. POHNPEI_INTL,POHNPEI_ISLAND	Micronesia_(Federated_States_of)
VCCH	~~~~~	~~~~~	~~~~~	. Y	Y	. Y	_	F	. HINGURAKGODA/MINNERIYA	Sri_Lanka
VQPR	Y~Y~Y~	~~~~~	~~~~~	. Y	Y	. Y	_	F	. PARO/INTL	Bhutan
VRMG	~~~~~	~~~~~	YYYYYYY	. Y	Y	. Y	X	F	. GAN/GAN_INTERNATIONAL_AIRPORT	Maldives
VRMH	~~~~~	~~~~~	~~~~~	. Y	Y	. Y	X	F	. HANIMAADHOO	Maldives
WAJJ	YYYYYYY	~~~~~	~~~~~	. Y	Y	. Y	T	F	. JAYAPURA/SENTANI	Indonesia
WAKK	~~~~~Y~Y	~~~~~	~~~~~	. Y	Y	. Y	T	P	. MERAUKE/MOPAH	Indonesia
WAPP	Y~Y~Y~Y	~~~~~	YYYYYYY	. Y	Y	. Y	T	F	. AMBON/PATTIMURA	Indonesia
WIOO	YYYYYYY	~~~~~	~~~~~	. Y	Y	. Y	T	F	. PONTIANAK/SUPADIO	Indonesia
ZKPY	~~~~~	~~~~~	YYYYYYY	. Y	Y	. Y	T	F	. SUNAN	Democratic_People's_Republic_of_Korea
ZSJN	YYYYYYY	~~~~~	Y~Y~Y~	. Y	Y	. Y	T	F	. JINAN/YAOQIANG	China
ZUXC	~~~~~	~~~~~	~~~~~	. Y	Y	. Y	_	F	. XICHANG/QUINGSHAN	China

## ATTACHMENT F

### ASI – NON-AOP – METAR - TAF – Not broadcasted

Loc	Ind	SA/day	FC/day	FT/day	FASID	AOP	SA/SP	TAF	Service	Name	Country
	AYMH	~~~~~	YYYYYYY	YYYYYYY	. Y	N	. Y	C	F	. MOUNT_HAGEN	Papua_New_Guinea
	AYMO	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	C	F	. MOMOTE	Papua_New_Guinea
	AYNZ	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	C	F	. NADZAB	Papua_New_Guinea
	AYWK	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	_	F	. WEWAK	Papua_New_Guinea
	OPDG	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	T	_	. D.G._KHAN_INT'L	Pakistan
	RPML	~~~~~	~~~~~	~~~~~	. Y	N	. Y	T	P	. CAGAYAN_DE_ORO,_MIZAMIS_ORIENTAL	Philippines
	RPMR	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	T	P	. TAMBLER,GEN._SANTOS,SOUTH_COTABATO	Philippines
	RPVD	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	T	P	. DUMAGUETE/SIBULAN,_NEGROS_ORIENTAL	Philippines
	RPVP	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	T	P	. PUERTO_PRINCESA,_PALAWAN	Philippines
	VOHY	YYY~	YYYYYYY	~~~~~	. Y	N	. Y	X	P	. HYDERABAD	India
	VTPB	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	T	P	. PHETCHABUN	Thailand
	VTPT	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	T	P	. TAK	Thailand
	VTUQ	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	T	P	. NAKHON_RATCHASIMA	Thailand
	WAHH	~~~~~	~~~~~	~~~~~	. Y	N	. Y	T	P	. YOGYAKARTA/ADI_SUTJIPTO	Indonesia
	WAHQ	~~~~~	~~~~~	~~~~~	. Y	N	. Y	T	P	. SOLO/ADI_SUMARMO	Indonesia
	WASS	~~~~~	~~~~~	~~~~~	. Y	N	. N	T	P	. SORONG/DOMINE_EDUARD_OSOK	Indonesia
	WAYY	~~~~~	~~~~~	YYYYYYY	. Y	N	. Y	T	P	. TIMIKA/MOSES_KILANGIN	Indonesia

## ATTACHMENT G

### ASI – NON-AOP – METAR - TAF – Not broadcasted

Loc Ind	SA/day	FC/day	FT/day	FASID	AOP	SA/SP	TAF	Service	Name	Country
AYCH	~~~~~	YY~YY~Y	~YY~YY~	. N	N	. _	_	_	. CHIMBU	Papua_New_Guinea
AYDU	~~~~~	YYYYYYY	YYYYYYY	. N	N	. _	_	_	. DARU	Papua_New_Guinea
AYFI	~~~~~	~~~~Y~	~Y~Y~	. N	N	. _	_	_	. FINSCHAFEN	Papua_New_Guinea
AYGA	~~~~~	YY~Y~Y	YY~YYYY	. N	N	. _	_	_	. GOROKA	Papua_New_Guinea
AYGN	~~~~~	YYYYY~	YYYYYYY	. N	N	. _	_	_	. ALOTAU/GURNEY	Papua_New_Guinea
AYGR	~~~~~	Y~YY~Y	YY~Y~	. N	N	. _	_	_	. GIRUA	Papua_New_Guinea
AYHK	~~~~~	YYYYYYY	YY~YY~	. N	N	. _	_	_	. HOSKINS	Papua_New_Guinea
AYIQ	~~~~~	YY~YYYY	YYYYYYY	. N	N	. _	_	_	. KIETA	Papua_New_Guinea
AYKK	~~~~~	Y~Y~	Y~	. N	N	. _	_	_	. KIKORI	Papua_New_Guinea
AYKV	~~~~~	YYYYYYY	YYYYYYY	. N	N	. _	_	_	. KAVIENG	Papua_New_Guinea
AYMD	~~~~~	~~~~~	YYYYYYY	. N	N	. _	_	_	. MADANG	Papua_New_Guinea
AYMS	~~~~~	YY~YYYY	YYYYYYY	. N	N	. _	_	_	. BWAGAOIA/_MISIMA	Papua_New_Guinea
AYTA	~~~~~	YY~YY~Y	~Y~YY~	. N	N	. _	_	_	. TARI	PAPUA_NEW_GUINEA
AYTK	~~~~~	YY~YYY	YYYYYYY	. N	N	. _	_	_	. TOKUA	Papua_New_Guinea
AYWD	~~~~~	YY~YY~Y	~YY~YY~	. N	N	. _	_	_	. WAPENAMANDA	Papua_New_Guinea
AYXM	~~~~~	YYYYYYY	YYYYYYY	. N	N	. _	_	_	. KOMO	Papua_New_Guinea
NCAI	Y~YY~Y	~~~~~	~~~~~	. N	N	. _	_	_	. AITUTAKI	Cook_Islands
NFTL	YYYYYYY	~~~~~	~~~~~	. N	N	. _	_	_	. HA_APAI	Tonga
NVVW	~Y~	~~~~~	YYYYYYY	. N	N	. _	_	_	. TANNA/WHITEGRASS	Vanuatu
NWWD	~~~~~	~~~~~	YYYYYYY	. N	N	. _	_	_	. KONE	New_Caledonia_(France)
NWWK	~~~~~	~~~~~	YYYYYYY	. N	N	. _	_	_	. KOUMAC	New_Caledonia_(France)
NWWL	~~~~~	~~~~~	YYYYYYY	. N	N	. _	_	_	. LIFOU/OUANAHAM	New_Caledonia_(France)
NWWM	~~~~~	~~~~~	YYYYYYY	. N	N	. _	_	_	. NOUMEA/MAGENTA	New_Caledonia_(France)
NWWR	~~~~~	~~~~~	YYYYYYY	. N	N	. _	_	_	. MARE_LA_ROCHE	New_Caledonia_(France)
NWWU	~~~~~	~~~~~	YYYYYYY	. N	N	. _	_	_	. TOUHO	New_Caledonia_(France)
NZOH	~Y~	~~~~~	~~~~~	. N	N	. _	_	_	. OHAKEA	New_Zealand

NZPG	~YY~	~	~YY~	. N	N	.	-	-	.	MCMURDO_STATION_PEGASUS_FIELD	New_Zealand
NZWP	Y~	~	~	. N	N	.	-	-	.	WHENUAPAI	New_Zealand
OAHR	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	HERAT	Afghanistan
OAIX	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	BAGRAM	Afghanistan
OAMS	Y~	~	YYYYYY	. N	N	.	-	-	.	MAZAR-I-SHARIF	Afghanistan
OPBW	~	~	YYYYYY	. N	N	.	-	-	.	BAHAWALPUR	Pakistan
OPFA	~	~	~	. N	N	.	-	-	.	FAISALABAD	Pakistan
OPRK	~	~	YYYYYY	. N	N	.	-	-	.	RAHIM_YAR_KHAN/SHEIKH_ZAYED	Pakistan
OPSK	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	SUKKUR	Pakistan
PANN	YYYYYY	~	~	. N	N	.	-	-	.	NENANA_MUNI	United_States
PAQT	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	NUIQSUT	United_States
PASY	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	SHEMYA/EARECKSON_AS	United_States
PHJR	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	KAPOLEI/KALAELOA_JOHN_ROGERS_F	United_States
PHNG	YYYYYY	~	YYYY~	. N	N	.	-	-	.	KANEOHE_BAY_MCAS	United_States
RCMQ	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	TAICHUNG/CINGCYUANGANG	China
RCNN	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	TAINAN	China
RJAF	YYYYYY	~	~	. N	N	.	-	-	.	MATSUMOTO	Japan
RJAH	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	HYAKURI	Japan
RJAW	YYYYYY	~	~	. N	N	.	-	-	.	IWOTO	Japan
RJBD	YYYYYY	~	~	. N	N	.	-	-	.	TANABE/NANKI-SHIRAHAMA	Japan
RJBE	YYYYYY	~	~	. N	N	.	-	-	.	KOBE	Japan
RJBT	YYYYYY	~	~	. N	N	.	-	-	.	TAJIMA	Japan
RJCB	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	OBIHIRO	Japan
RJCK	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	KUSHIRO	Japan
RJCM	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	MEMANBETSU	Japan
RJCN	YYYYYY	~	~	. N	N	.	-	-	.	NAKASHIBETSU	Japan
RJCO	YYYYYY	~	~	. N	N	.	-	-	.	SAPPORO	Japan
RJCW	YYYYYY	~	~	. N	N	.	-	-	.	WAKKANAI	Japan
RJDA	YYYYYY	~	~	. N	N	.	-	-	.	AMAKUSA	Japan
RJDC	YYYYYY	~	~	. N	N	.	-	-	.	UBE/YAMAGUCHI-UBE	Japan
RJDT	YYYYYY	~	~	. N	N	.	-	-	.	TSUSHIMA	Japan
RJEB	YYYYYY	~	~	. N	N	.	-	-	.	MONBETSU	Japan
RJEC	YYYYYY	~	YYYYYY	. N	N	.	-	-	.	ASAHIKAWA	Japan



RJFE	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	FUKUE	Japan
RJFG	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	TANEGASHIMA	Japan
RJFM	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	MIYAZAKI	Japan
RJFR	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	KITAKYUSHU	Japan
RJFS	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	SAGA	Japan
RJKA	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	AMAMI	Japan
RJNA	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	NAGOYA/AICHI_PREFECTURAL_NAGOY	Japan
RJNK	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	KOMATSU	Japan
RJNS	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	SHIZUOKA	Japan
RJNT	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	TOYAMA	Japan
RJNW	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	NOTO	Japan
RJOC	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	IZUMO	Japan
RJOH	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	MIHO	Japan
RJOI	YYYYYYY	~~~~~	YY~Y~	.	N	N	.	-	-	-	.	IWAKUNI	Japan
RJOK	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	KOCHI	Japan
RJOM	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	MATSUYAMA	Japan
RJOR	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	TOTTORI	Japan
RJOS	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	TOKUSHIMA	Japan
RJOW	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	IWAMI	Japan
RJOY	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	YAO	Japan
RJSA	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	AOMORI	Japan
RJSC	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	YAMAGATA	Japan
RJSF	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	FUKUSHIMA	Japan
RJSH	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	HACHINOHE	Japan
RJSI	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	HANAMAKI	Japan
RJSK	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	AKITA	Japan
RJSM	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	MISAWA	Japan
RJSR	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	ODATE-NOSHIRO	Japan
RJST	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	MATSUSHIMA	Japan
RJSY	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	SHONAI	Japan
RJTA	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	ATSUGI	Japan
RJTF	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	CHOFU	Japan
RJTI	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	AKASAKA_PRESS_CENTER_HELIPORT	Japan
RJTJ	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	IRUMA	Japan

RJTK	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	KISARAZU	Japan
RJTL	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	SHIMOFUSA_AERO	Japan
RJTO	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	OSHIMA	Japan
RJTY	YYYYYYY	~~~~~	YYY~YY~	.	N	N	.	-	-	-	.	TOKYO/YOKOTA_AB	Japan
RKJK	YYYYYYY	~~~~~	Y~Y~Y~Y	.	N	N	.	-	-	-	.	GUNSAN	Republic_of_Korea
RKJY	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	YEOSU	Republic_of_Korea
RKPU	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	ULSAN	Republic_of_Korea
RKSM	Y~Y~Y~Y	~~~~~	YYYYY~Y	.	N	N	.	-	-	-	.	SEOUL/DOMESTIC	Republic_of_Korea
RKSO	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	OSAN	Republic_of_Korea
RODN	YYYYYYY	~~~~~	YYY~Y~	.	N	N	.	-	-	-	.	OKINAWA/KADENA_AB	Japan
ROIG	YYYYYYY	~~~~~	YYYYYYY	.	N	N	.	-	-	-	.	ISHIGAKI	Japan
ROMY	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	MIYAKOJIMA/MIYAKO	Japan
RORS	YYYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	SHIMOJISHIMA	Japan
ROTM	YYYYYYY	~~~~~	Y~Y~Y~Y	.	N	N	.	-	-	-	.	FUTENMA	Japan
VAAU	YYYYYYY	YYYYYYY	~~~~~	.	N	N	.	-	-	-	.	AURANGABAD	India
VABJ	~~~~~	YYYYYYY	~~~~~Y~Y	.	N	N	.	-	-	-	.	BHUJ	India
VABO	YYYYYYY	YYYYYYY	~~~~~Y~Y	.	N	N	.	-	-	-	.	VADODARA	India
VABP	YYYYYYY	YYYYYYY	YYYYYYY	.	N	N	.	-	-	-	.	BHOPAL	India
VABV	~Y~Y~Y	YYYYYYY	~~~~~Y~Y	.	N	N	.	-	-	-	.	BHAVNAGAR	India
VAID	YYYYYYY	YYYYYYY	~Y~Y~Y	.	N	N	.	-	-	-	.	INDORE	India
VAJB	YYYYYYY	YYYYYYY	~Y~Y~Y	.	N	N	.	-	-	-	.	JABALPUR	India
VAJJ	~Y~Y~Y	~~~~~	~~~~~	.	N	N	.	-	-	-	.	MUMBAI/JUHU	India
VAJM	~~~~~	YYYYYYY	~~~~~Y~Y	.	N	N	.	-	-	-	.	JAMNAGAR	India
VAKJ	YYYYYYY	YYYYYYY	~Y~Y~Y	.	N	N	.	-	-	-	.	KHAJURAHO	India
VAPO	~~~~~	Y~Y~Y~Y	Y~Y~Y~Y	.	N	N	.	-	-	-	.	PUNE	India
VAPR	~Y~Y~Y	YYYYYYY	~~~~~Y~Y	.	N	N	.	-	-	-	.	PORBANDAR	India
VARK	~~~~~	YYYYYYY	~~~~~Y~Y	.	N	N	.	-	-	-	.	RAJKOT	India
VARP	YY~YYYY	YYYYYYY	YYYYYYY	.	N	N	.	-	-	-	.	RAIPUR	India
VASU	~~~~~	YYYYYYY	~~~~~Y~Y	.	N	N	.	-	-	-	.	SURAT	India
VAUD	YYYYYYY	YYYYYYY	~~~~~	.	N	N	.	-	-	-	.	UDAIPUR	India
VEAT	YYYYYYY	YYYYYYY	~~~~~	.	N	N	.	-	-	-	.	AGARTALA	India
VEBD	~Y~Y~Y	YYYYYYY	~~~~~	.	N	N	.	-	-	-	.	BAGHDOGRA	India
VEBS	YYYYYYY	YYYYYYY	~~~~~Y	.	N	N	.	-	-	-	.	BHUBANESHWAR	India

VEGK	~Y~	YYY~Y~Y	~~~~~	.	N	N	.	-	-	-	.	GORAKHPUR_AB	India
VEIM	YYYYYY	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	IMPHAL/TULIHAI	India
VEJS	Y~Y	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	JAMSHEDPUR	India
VEMN	YYYYYY	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	DIBRUGARH/MOHANBARI	India
VERC	YYYYYY	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	RANCHI	India
VGHS	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	DHAKA/HAZRAT_SHAHJALAL_INTL	Bangladesh
VIAG	~Y~	~~~~~	~~~~~	.	N	N	.	-	-	-	.	AGRA	India
VIAL	~Y~	Y~	~~~~~	.	N	N	.	-	-	-	.	ALLAHABAD	India
VICG	~Y~	~~~~~	~~~~~	.	N	N	.	-	-	-	.	CHANDIGARH_AIRPORT	India
VIDD	YYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	DELHI/SAFDARJUNG	India
VIDN	~~~~~	~Y~	~~~~~	.	N	N	.	-	-	-	.	DEHRADUN	India
VIGG	Y~Y	~Y~	~~~~~	.	N	N	.	-	-	-	.	GAGGAL_KANGRA	India
VIGR	YYYYYY	YYYYYY	~Y~	.	N	N	.	-	-	-	.	GWALIOR	INDIA
VIJU	~Y~	~~~~~	~~~~~	.	N	N	.	-	-	-	.	JAMMU	India
VILH	~Y~	~~~~~	~~~~~	.	N	N	.	-	-	-	.	LEH	INDIA
VIPT	~Y~	~Y~	~~~~~	.	N	N	.	-	-	-	.	PANTNAGAR/NAINITAL	India
VIRB	~Y~	~~~~~	~~~~~	.	N	N	.	-	-	-	.	FURSATGUNJ	India
VISM	~Y~	Y~	~~~~~	.	N	N	.	-	-	-	.	SHIMLA	India
VISR	~Y~	~~~~~	~~~~~	.	N	N	.	-	-	-	.	SRINAGAR	India
VOBG	~Y~	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	BANGALORE	India
VOBM	~Y~	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	BELGAUM	INDIA
VOBZ	YYYYYY	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	VIJAYWADA	India
VOGO	~Y~	~Y~	Y~	.	N	N	.	-	-	-	.	GOA/DABOLIM_NAVY	INDIA
VOHB	Y~	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	HUBLI/DOMESTIC	India
VOMD	YYYYYY	YYYYYY	YYYYYY	.	N	N	.	-	-	-	.	MADURAI	India
VOPB	Y~	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	PORT_BLAIR	India
VORY	~Y~	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	RAJAMUNDRY	India
VOTP	~~~~	YYYYYY	~~~~~	.	N	N	.	-	-	-	.	TIRUPATI	India
VOVZ	YYYYYY	YYYYYY	YYYYYY	.	N	N	.	-	-	-	.	VISHAKHAPATNAM	INDIA
VTBO	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	TRAT/KHAO_SMING	Thailand
VTPN	YYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	NAKHON_SAWAN	Thailand
WAHS	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	SEMARANG	Indonesia
WAQT	~~~~~	~~~~	YYYYYY	.	N	N	.	-	-	-	.	KALIMARU/BERAU	Indonesia
WBGY	YYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	SIMANGGANG	Malaysia

WICC	Y~Y~	~~~~	~Y~	. N	N	. _	_	_	. BANDUNG	Indonesia
WILL	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BANDAR_LAMPUNG/RADIN_INTEN_II	Indonesia
WITT	~~~~	~~~~	YYYYYY	. N	N	. _	_	_	. BANDA_ACEH	Indonesia
WMAU	YYYYYY	~~~~	~~~~	. N	N	. _	_	_	. MERSING	Malaysia
WMBA	YYYYYY	~~~~	~~~~	. N	N	. _	_	_	. SITIAWAN	Malaysia
WPDL	~~~~	~~~~	YYYYYY	. N	N	. _	_	_	. DILI/INTL_PRESI_NICOLAU_LOBATO	East_Timor
YABA	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. ALBANY	Australia
YARG	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. ARGYLE	Australia
YARM	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. ARMIDALE	Australia
YAYE	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. AYERS_ROCK	Australia
YBAF	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BRISBANE/ARCHERFIELD	Australia
YBCK	YYYYYY	~~~~	~~~~	. N	N	. _	_	_	. BLACKALL	Australia
YBCV	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. CHARLEVILLE	Australia
YBDV	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BIRDSVILLE	Australia
YBHI	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BROKEN_HILL	Australia
YBKE	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BOURKE	Australia
YBLN	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BUSSELTON	Australia
YBLT	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BALLARAT	Australia
YBMK	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. MACKAY	Australia
YBNA	YYYYYY	Y~	YYYYYY	. N	N	. _	_	_	. BALLINA/BYRON_GATEWAY	Australia
YBNS	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BAIRNSDALE	Australia
YBOK	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. OAKEY	Australia
YBPN	YYYYYY	Y~	YYYYYY	. N	N	. _	_	_	. PROSERPINE/WHITSUNDAY_COAST	Australia
YBRL	YYYYYY	~~~~	~~~~	. N	N	. _	_	_	. BORROLOOLA	Australia
YBSU	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. SUNSHINE_COAST	Australia
YBTH	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BATHURST	Australia
YBTI	~~~~	YYYYYY	YYYYYY	. N	N	. _	_	_	. BATHURST_ISLAND	Australia
YBUD	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. BUNDABERG	Australia
YBWP	YYYYYY	~Y~	YYYYYY	. N	N	. _	_	_	. WEIPA	Australia
YBWX	YYYYYY	Y~	YYYYYY	. N	N	. _	_	_	. BARROW_ISLAND	Australia
YCAR	YYYYYY	YYYYYY	YYYYYY	. N	N	. _	_	_	. CARNAVON	Australia
YCAS	YYYYYY	~~~~	~~~~	. N	N	. _	_	_	. CASINO	Australia
YCBA	YYYYYY	~~~~	YYYYYY	. N	N	. _	_	_	. COBAR	Australia

YCBB	YYYYYY	~~~~~Y	YYYYYY	. N	N	.	-	-	-	. COONABARABRAN	Australia
YCBP	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. COOPER_PEDY	Australia
YCCY	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. CLONCURRY	Australia
YCDO	YYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. CONDOBOLIN	Australia
YCDU	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. CEDUNA	Australia
YCKN	YYYYYY	Y~YY~	YYYYYY	. N	N	.	-	-	-	. COOKTOWN	Australia
YCNK	YYYYYY	~~~~~	~Y~YY~	. N	N	.	-	-	-	. CESSNOCK	Australia
YCNM	YYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. COONAMBLE	Australia
YCNY	YYYYYY	~~~~~	YYYY~Y	. N	N	.	-	-	-	. CENTURY_MINE	Australia
YCOE	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. COEN	Australia
YCOM	YYYYYY	~Y~	YYYYYY	. N	N	.	-	-	-	. COOMA-SNOWY_MOUNTAINS	Australia
YCWR	YYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. COWRA	Australia
YDBY	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. DERBY	Australia
YDLQ	YYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. DENILQUIN	Australia
YDPO	YYYYYY	~Y~YY	YYYYYY	. N	N	.	-	-	-	. DEVONPORT	Australia
YELD	~~~~Y~	YYYYYY	YYYYYY	. N	N	.	-	-	-	. ELCHO_ISLAND_AIRPORT	Australia
YEML	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. EMERALD	Australia
YESP	YYYYYY	YY~YYYY	YYYYYY	. N	N	.	-	-	-	. ESPERANCE	Australia
YFBS	YYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. FORBES	Australia
YGAY	YYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. GAYNDAH	Australia
YGDH	YYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. GUNNEDAH	Australia
YGFN	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. GRAFTON	Australia
YGLA	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. GLADSTONE	Australia
YGLB	YYYYYY~	~~~~~	YYYYYY	. N	N	.	-	-	-	. GOULBURN	Australia
YGLI	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. GLEN_INNES	Australia
YGTE	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. GROOTE_EYLANDT	Australia
YGTH	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. GRIFFITH	Australia
YHAY	YYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. HAY	Australia
YHBA	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. HERVEY_BAY	Australia
YHLC	YYYYYY	~Y~	YYYYYY	. N	N	.	-	-	-	. HALLS_CREEK	Australia
YHML	YYYYYY	~~~~~	YY~YYYY	. N	N	.	-	-	-	. HAMILTON	Australia
YHOT	YYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. MT_HOTHAM_AIRPORT	Australia
YHSM	YYYYYY	~~~~~	YYYYYY	. N	N	.	-	-	-	. HORSHAM	Australia
YHUG	YYYYYY	~~~~~	YY~Y~Y	. N	N	.	-	-	-	. HUGHENDEN	Australia

YJAB	YYYYYYY	YYYYYYY	YYYYYYY	. N	N	.	-	-	-	. JABIRU	Australia
YJLC	YYYYYYY	~~~~~	~Y~Y~Y	. N	N	.	-	-	-	. JULIA_CREEK	Australia
YKMP	YYYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. KEMPSEY	Australia
YKOW	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. KOWANYAMA	Australia
YKRY	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. KINGAROY	Australia
YKSC	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. KINGSCOTE	Australia
YLEC	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. LEIGH_CREEK	Australia
YLHR	YYYYYYY	Y~Y~Y	YYYYYYY	. N	N	.	-	-	-	. LOCKHART_RIVER	Australia
YLIS	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. LISMORE	Australia
YLRE	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. LONGREACH	Australia
YLST	YYYYYYY	YYYYYYY	YYYYYYY	. N	N	.	-	-	-	. LEINSTER	Australia
YLTN	YYYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	. LAVERTON	Australia
YLTV	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. LATROBE_VALLEY	Australia
YMAY	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. ALBURY	Australia
YMBA	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MAREEBA	Australia
YMDG	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MUDGEE	Australia
YMEK	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MEEKATHARRA	Australia
YMEN	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MELBOURNE/ESSENDON	Australia
YMER	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MERIMBULA	Australia
YMES	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. EAST_SALE	Australia
YMGD	YYYYYYY	YYYYYYY	YYYYYYY	. N	N	.	-	-	-	. MANINGRIDA	Australia
YMHU	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MCARTHUR_RIVER_MINE	Australia
YMIA	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MILDURA	Australia
YMMB	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MELBOURNE/MOORABBIN	Australia
YMND	~~~~~	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MAITLAND	Australia
YMNG	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MANGALORE	Australia
YMOG	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MOUNT_MAGNET	Australia
YMOR	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MOREE	Australia
YMRB	~~~~~	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MORANBAH	Australia
YMRY	YYYYYYY	~~~~~	YYY~YY	. N	N	.	-	-	-	. MORUYA	Australia
YMTG	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MOUNT_GAMBIER	Australia
YMTI	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	. MORNINGTON_ISLAND	Australia
YMYB	~~~~~	~~~~~	YYY~YY	. N	N	.	-	-	-	. MARYBOROUGH	Australia

YNAR	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	NARRANDERA	Australia
YNBR	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	NARRABRI	Australia
YNHL	YYYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	.	NHILL	Australia
YNTN	YYYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	.	NORMANTON	Australia
YNWN	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	NEWMAN	Australia
YOLD	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	OLYMPIC_DAM	Australia
YOOM	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	MOOMBA	Australia
YORG	YYY~YYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	ORANGE	Australia
YPBO	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	PARABURDOO	Australia
YPED	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	EDINBURGH	Australia
YPKA	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	KARRATHA	Australia
YPKS	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	PARKES	Australia
YPLC	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	PORT_LINCOLN	Australia
YPMQ	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	PORT_MACQUARIE	Australia
YPOD	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	PORTLAND	Australia
YREN	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	REMARK	Australia
YRMD	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	RICHMOND_QLD	Australia
YROM	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	ROMA	Australia
YSBK	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	SYDNEY/BANKSTOWN	Australia
YSCN	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	CAMDEN	Australia
YSCO	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	SCONE	Australia
YSGE	YYYYYYY	YYYYYYY	YYYYYYY	. N	N	.	-	-	-	.	ST_GEORGE	Australia
YSHT	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	SHEPPARTON	Australia
YSMI	YYYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	.	SMITHTON	Australia
YSNW	YYYYYYY	~~~~~	YYY~YYY	. N	N	.	-	-	-	.	NOWRA	Australia
YSRN	YYYYYYY	YYY~~YY	YYYY~YY	. N	N	.	-	-	-	.	STRAHAN	Australia
YSWG	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	WAGGA_WAGGA	Australia
YSWH	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	SWAN_HILL	Australia
YTEE	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	TREPELL	Australia
YTEF	YYYYYYY	YYYYYYY	YYYYYYY	. N	N	.	-	-	-	.	TELFER	Australia
YTEM	YYYYYYY	~~~~~	~~~~~	. N	N	.	-	-	-	.	TEMORA	Australia
YTGM	YYYYYYY	YYYYYYY	YYYYYYY	. N	N	.	-	-	-	.	THARGOMINDAH	Australia
YTGT	~~~~~	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	THE_GRANITES	Australia
YTMO	YYYYYYY	~~~~~	YYYYYYY	. N	N	.	-	-	-	.	THE_MONUMENT	Australia

YTNG	~~~~~	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	THANGOOL	Australia
YTNK	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	TENNANT_CREEK	Australia
YTRE	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	TAREE	Australia
YTST	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	TRUSCOTT-MUNGALALU	Australia
YTWB	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	TOOWOOMBA	Australia
YWBL	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	WARRNAMBOOL	Australia
YWDH	~~~~~	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	WINDORAH	Australia
YWGT	YYYYYY	Y~~~~~	YYYYYY	.	N	N	.	-	-	-	.	WANGARATA	Australia
YWHA	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	WHYALLA	Australia
YWLG	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	WALGETT	Australia
YWOL	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	WOLLONGONG	Australia
YWTN	YYYYYY	~~~~~	YYYYYY	.	N	N	.	-	-	-	.	WINTON	Australia
YWWL	YYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	WEST_WYALONG	Australia
YWYM	YYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	WYNDHAM	Australia
YWYY	YYYYYY	~~~~~	Y~YYYY	.	N	N	.	-	-	-	.	WYNYARD	Australia
YYNG	YYYYYY	~~~~~	~~~~~	.	N	N	.	-	-	-	.	YOUNG	Australia