



(Lima, Peru, from 18 to 22 September 2017)

Agenda Item 3: Review of Project H4 – OPMET Exchange

Review of GREPECAS Project H4

(Presented by the Secretariat)

SUMMARY	
This working paper presents the actions carried out within Project H4 - Optimization of OPMET Exchange, including SIGMETs (WS, WV, WC, and WR), Warnings and Meteorological Alerts.	
References: <ul style="list-style-type: none">• Annex 3 – <i>Meteorological Service for International Civil Aviation</i>• Annex 10 – <i>Aeronautical Telecommunications</i>• Guide for the preparation and transmission of OPMET information in the CAR/SAM Regions• Report of the Fourth Meeting of the Projects and Programmes Review Committee (PPRC/4)	
ICAO strategic objectives:	<i>A - Safety</i> <i>B – Air navigation capacity and efficiency</i>

1. Introduction

1.1 The PPRC/3 considered important to review Project H4 and extend its work programme taking into account the OPMET controls reports of the Brasilia International OPMET Databank (IODB), the proposal for amendment 77 to Annex 3 and the recommendations of the MET Divisional Meeting related to OPMET Data and SWIM.

1.2 The PPRC/4 reviewed the continuation of Project H4 for both regions.

1.3 The Brasilia OPMET Databank continues with the development of quarterly OPMET data exchange controls.

2. Analysis

2.1 The PPRC/4 when reviewing the continuation of Project H4 - *Optimization of OPMET Exchange, including SIGMETs (WS, WV, WC, and WR), Warnings and Meteorological Alerts*, took note that in the OPMET exchange controls developed by the Brasilia International OPMET Databank, the efficiency considerably increased. However, it also expressed that improvement opportunities in this regard still persist.

2.2 During 2016 and 2017, very few events associated to the data format were observed.

2.3 The Meeting could note that e-ANP Vols. I and II have been approved. In this regard, note should be taken of the new AOP Table included in both volumes of the e-ANP in order to adjust the OPMET data exchange tables.

2.4 It should be recalled that during 2016 and 2017, incidents in the transmission and availability of OPMET data of some States have occurred, which have been rectified through contingency procedures with the Brasilia and Washington Databanks. The Meeting could consider the update of the OPMET Data Exchange Guide for the CAR/SAM Regions including these contingency procedures.

2.5 The Brasilia International OPMET Databank continues developing the quarterly controls. The controls corresponding to the month of June 2017 are presented as **Appendix A** to this working paper. As you may note, the efficiency, excepting in specific cases, have considerably increased. However, this list should be updated with Tables MET II-1 and II-2 of CAR/SAM eANP in order to refine and update it. The Meeting could review and update these Tables, which are presented as **Appendix B** to this working paper.

2.6 The Meeting shall recall that the Guide for the preparation and dissemination of OPMET information in the CAR/SAM Regions was reviewed by the COM/MET 2015 Meeting, recommending that the Secretariat make the arrangements in order to promote its update, since some items related to the basic content, the States' focal points and the AFTN addresses for the OPMET exchange were out of date.

2.7 Regarding the Guide for the preparation and dissemination of OPMET information in the CAR/SAM Regions and the Catalogue of OPMET Data of the Brasilia International OPMET Data Bank, the Secretariat made the efforts to update the OPMET contacts data, as well as the review of the AFTN addresses used in the States. Unfortunately, not all the States provide the required information for its update. The Meeting could formulate a recommendation to urge the States to provide this information to update the above mentioned documents. The referred Guide is presented as **Appendix C** to this working paper.

2.8 The Meeting shall recall that in order to increase the availability of SIGMET for turbulence in clear-air and icing in the SAM Region, a SIGMET Workshop was carried out, which was very fruitful since it increased the preparation of SIGMET messages for the above mentioned phenomena. However, the concern persists with regard to the lack of procedures in ATS/MET agreements regarding the release of radioactive material.

2.9 Regarding the procedures for the release of radioactive material, information on this issue was provided in several meetings. In this regard, VAAC London, which is the CMRE designated by WMO, has a global database of 8 character AFTN addresses to make the immediate connection with the corresponding ACCs. This database can be available in the website <http://www.icao.int/safety/meteorology/iawwopsg/Quick%20Launch%20Menu%20Documents/Nuclear%208-letter-code%20database.pdf>. The Secretariat has requested its review and, if necessary, the corresponding corrections.

2.10 The Meeting shall recall that the OPMET/14 Meeting formulated Conclusion 14/03 regarding the Transference of Responsibilities between MWOs, which reads:

**Conclusion 14/03 PROCEDURES FOR THE TRANSFERENCE OF
FUNCTIONS FROM ONE METEOROLOGICAL WATCH
OFFICE (MWO/OVM) TO ANOTHER MET OFFICE,
WITHIN THE SAME STATE**

That, in order to establish the backup meteorological office or unit for MWO/OVM, States should:

- a) establish procedures for the transference of functions from one MET office, within the same State, in case that the MWO/OVM is unable to comply its functions; and
- b) update the backup list of MWO/OVM Offices of the SAM Region.

2.11 However, so far, the Secretariat has not received the name of the local Offices that would assume the responsibilities of a MWO in case that the designated MWO experiences technical problems that prevent compliance of its work. It would be important that States define these backup offices to request GREPECAS their update through a conclusion.

3. Discussion

3.1 The Meeting should consider the issues related to the efficiency of OPMET messages exchange in the SAM Region, as well as the steps to follow in order to increase this efficiency and the quality of the data distributed in the OPMET information exchange international circuits.

3.2 The Meeting should consider the most feasible mechanism for a quick update of the OPMET Guide and the Data Catalogue so that the documents could be useful for the States.

3.3 It would be important that the Meeting determines the procedures related to the release of radioactive material in the FIR. It would also be important that these procedures consider the proposals for amendment to Annex 3 regarding this issue (Item 3 of the proposal for amendment).

3.4 Regarding backup MWO offices, it will be important that States inform the local units that will assume the MWO functions in case of service interruption.

3.5 With regard to Project H4 - *Optimization of OPMET Exchange, including SIGMETs (WS, WV, WC, and WR), Warnings and Meteorological Alerts*, **Appendix D** to this working paper presents the current situation of the project.

4. Suggested action

4.1 The Meeting is invited to:

- a) take note of the information provided in this working paper;
- b) review and analyze Appendices A, B, C and D;
- c) agree on actions regarding the proposals of paragraphs 2.4 and 2.6; and
- d) agree on other actions as necessary.

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Apéndice A a la NE/09 / Appendix A to WP/09

Control OPMET CAR/SAM / CAR/SAM OPMET CONTROL

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO DE MENSAJES SIGMET/SPECI/AIREP PARA LAS REGIONES CAR/SAM

Mensajes Meteorológicos Transmitidos M

Período: 10/06/2017 a 16/06/2017

Año: 2017

ESTADO:BRASIL

AFTN: SBBRYZYX

FAX:

E-Mail:

Oficina de Vigilancia Meteorológica	Ind. de Lugar	Requerimiento OPMET	SIGMET (WS)	SIGMET (WC)	SIGMET (WV)	AIREP (UA)
AMAZÓNICA / FIR	SBAZ	S	211	0	0	3
ATLÁNTICO / FIR	SBAO	S	97	0	0	8171
BRASÍLIA / FIR	SBBS	S	40	0	0	28
CURITIBA / FIR	SBCW	S	39	0	0	39
RECIFE / FIR	SBRE	S	15	0	0	6

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO DE MENSAJES SIGMET/SPECI/AIREP PARA LAS REGIONES CAR/SAM						
Mensajes Meteorológicos Recibidos			Período: 10/06/2017 a 16/06/2017		Año: 2017	
ESTADO: BRASIL	AFTN: SBBRYZYX		FAX:		E-Mail:	
Oficina de Vigilancia Meteorológica	Ind. de Lugar	Requerimiento OPMET	SIGMET (WS)	SIGMET (WC)	SIGMET (WV)	AIREP (UA)
ANTILHAS HOLANDEAS						
CURACAO / AEROPUERTO HATO	TNCC	S	0	0	0	0
CUBA						
HABANA / JOSE MARTI INTL	MUHA	S	0	0	0	0
HAVANA / ACC-FIR / CTA	MUFH	S	26	0	0	0
HAITI						
PORT - AU - PRINCE / INTL	MTPP	S	0	0	0	0
HONDURAS						
TEGUCIGALPA / TONCONTIN INTL	MHTG	S	54	0	0	0
JAMAICA						
KINGSTON/NORMAN MANLEY	MKJP	S	0	0	0	0
MEXICO						
ACC MÉXICO	MMEX	S	95	4	3	0
MEXICO	MMM	S	0	0	0	0
REPUBLICA DOMINICANA						
SANTO DOMINGO / INTL JOSE FRANCISCO PENA GOMEZ	MDSD	S	0	0	0	0
TRINIDAD E TOBAGO						
PIARCO (FIR/ACC)	TTZP	S	4	0	0	0
PIARCO, TRINIDAD	TTPP	S	0	0	0	0

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO DE MENSAJES SIGMET/SPECI/AIREP PARA LAS REGIONES CAR/SAM						
Mensajes Meteorológicos Recibidos			Período: 10/06/2017 a 16/06/2017		Año: 2017	
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:		E-Mail:
Oficina de Vigilancia Meteorológica	Ind. de Lugar	Requerimiento OPMET	SIGMET (WS)	SIGMET (WC)	SIGMET (WV)	AIREP (UA)
ARGENTINA						
AEROPARQUE J. NEWBERY (CABA)	SABE	S	0	0	0	0
COMODORO RIVADAVIA / GRAL. MOSCONI (CHT)	SAVC	S	0	0	0	0
CORDOBA / ING. A.L.V. TARAVELLA (CBA)	SACO	S	0	0	0	0
EZEIZA MINISTRO PISTARINI (BA)	SAEZ	S	0	0	0	0
FIR COMODORO RIVADAVIA	SAVF	S	61	0	0	0
FIR CORDOBA	SACF	S	18	0	0	0
FIR EZEIZA	SAEF	S	24	0	0	0
FIR MENDOZA	SAMF	S	10	0	0	0
FIR RESISTENCIA	SARR	S	5	0	0	0
MENDOZA / EL PLUMERILLO (MZA)	SAME	S	0	0	0	0
RESISTENCIA (CHO)	SARE	S	0	0	0	0
BOLIVIA						
LA PAZ	SLLP	S	0	0	0	0
REGION DE INFORMACION DE VUELO FIR LA PAZ	SLLF	S	1	0	0	0
CHILE						
ANTOFAGASTA / ACC/FIC	SCFZ	S	19	0	0	0
ANTOFAGASTA / AD CERRO MORENO	SCFA	S	0	0	0	2
ISLA DE PASCUA / ACC/FIC	SCIZ	S	57	0	0	0
PUERTO MONTT / ACC/FIC	SCTZ	S	39	0	0	0
PUERTO MONTT / AD EL TEPUAL	SCTE	S	0	0	0	0
PUNTA ARENAS / ACC/FIC	SCCZ	S	10	0	0	0
PUNTA ARENAS / AP PDTE. CARLOS IBANEZ	SCCI	S	0	0	0	0
SANTIAGO / ACC/FIC	SCEZ	S	18	0	0	0
SANTIAGO / AP ARTURO MERINO BENITEZ	SCEL	S	0	0	0	16
COLOMBIA						
BOGOTA INTL / CUNDINAMARCA	SKBO	S	61	0	0	0
EQUADOR						
GUAYAQUIL	SEGU	S	0	0	0	0
GUIANA						
CHEDDI JAGAN INTL AIRPORT	SYCJ	S	0	0	0	0
GEORGETOWN	SYGC	S	9	0	0	0
GUIANA FRANCESA						
CAYENNE - ROCHAMBEAU	SOCA	S	0	0	0	0
CAYENNE (ACC-UAC-NOF)	SOOO	S	31	0	0	0
PANAMA						
PANAMA / TOCUMEN	MPTO	S	0	0	0	0
PARAGUAI						
ASUNCION / S.PETTIROSSI	SGAS	S	0	0	0	0
PERU						
LIMA - CALLAO / INTL JORGE CHAVEZ	SPIM	S	28	0	32	11
SURINAME						
JOHAN ADOLF PENGEL	SMJP	S	0	0	0	0
PARAMARIBO (ACC)	SMPM	S	5	0	0	0
URUGUAI						
MONTEVIDEO / INTL.CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU	S	0	0	0	0
MONTEVIDEO (ACC/FIR)	SUEO	S	0	0	0	0

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO DE MENSAJES SIGMET/SPECI/AIREP PARA LAS REGIONES CAR/SAM						
Mensajes Meteorológicos Recibidos			Período: 10/06/2017 a 16/06/2017		Año: 2017	
ESTADO: BRASIL	AFTN: SBBRYZYX		FAX:		E-Mail:	
Oficina de Vigilancia Meteorológica	Ind. de Lugar	Requerimiento OPMET	SIGMET (WS)	SIGMET (WC)	SIGMET (WV)	AIREP (UA)
VENEZUELA						
MAIQUETIA, INTERNACIONAL SIMON BOLIVAR,	SVMI	S	0	0	0	0
MARACAY / B. A. MARISCAL SUCRE, ARAGUA	SVBS	S	0	0	0	0

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Transmitidos				Período: 10/06/2017 a 16/06/2017			Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:		E-Mail:				
Aedróromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)			SPECI (SP)
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
CINDACTA I										
BELO HORIZONTE / Tancredo Neves, MG	SBCF	0000/2359	F	168	168	100	7	7	100	1
CUIABÁ / Marechal Rondon, MT	SBCY	0000/2359	F	168	168	98.81	28	28	100	1
GOIÂNIA / Santa Genoveva, GO	SBGO	0000/2300	F	168	168	99.40	28	28	100	0
NOVO PROGRESSO / Cachimbo, PA	SBCC	1100/2000	T	---	---	---	28	28	100	---
RIBEIRÃO PRETO / Leite Lopes, SP	SBRP	0000/2359	F	168	168	99.40	28	28	100	7
PROMEDIO						99.40			100.00	
CINDACTA II										
BAGÉ / Cmte Gustavo Kraemer, RS	SBBG	Lunes: 1115/1500 Lunes: 1615/2000 Martes: 1115/1500 Martes: 1615/2000 Miércoles: 1115/1500 Miércoles: 1615/2000 Jueves: 1115/1500 Jueves: 1615/2000 Viernes: 1115/1500 Viernes: 1615/2000	F	40	32	80	28	28	100	14
CAMPO GRANDE / Campo Grande, MS	SBCG	0000/2359	F	168	168	100	28	28	100	4
CAMPOS DOS GOYTACAZES / Bartolomeu Lisandro, RJ	SBCP	0915/0100	F	---	---	---	28	28	100	7
CORUMBÁ / Corumbá, MS	SBCR	1000/0000	F	---	---	---	28	28	100	0
CURITIBA / Afonso Pena, PR	SBCT	0000/2359	F	168	168	100	28	28	100	30
FLORIANÓPOLIS / Hercílio Luz, SC	SBFL	0000/2359	F	168	168	100	28	28	100	3
FOZ DO IGUAÇU / Cataratas, PR	SBFI	0000/2359	F	168	168	98.81	28	28	100	23
LONDRINA / Governador José Richa, PR	SBLO	0000/2359	F	168	168	100	28	28	100	9
NAVEGANTES / Ministro Victor Konder, SC	SBNF	0910/0300	F	---	---	---	28	28	100	10
PELOTAS / Pelotas, RS	SBPK	1015/2145	F	77	77	96.10	28	28	100	17
PONTA PORÁ / Ponta Porã, MS	SBPP	1115/2200	F	77	77	98.70	28	28	100	12
PORTO ALEGRE / Salgado Filho, RS	SBPA	0000/2359	F	168	168	100	28	28	100	11
URUGUAIANA / Rubem Berta, RS	SBUG	0900/2200	F	98	98	100	28	28	100	1
PROMEDIO						97.36			100.00	
CINDACTA III										
ARACAJU / Santa Maria, SE	SBAR	0000/2359	F	168	168	100	28	28	100	10
FERNANDO DE NORONHA / Fernando de Noronha, PE	SBFN	0800/2200	F	105	105	100	28	28	100	8
FORTALEZA / Pinto Martins, CE	SBFZ	0000/2359	F	168	168	100	28	28	100	4
JOÃO PESSOA / Pres. Castro Pinto, PB	SBJP	0000/2359	F	168	168	100	28	28	100	9
MACEIÓ / Zumbi dos Palmares, AL	SBMO	0000/2359	F	168	168	100	28	28	100	7
NATAL / Augusto Severo, RN	SBNT	0000/2359	F	168	168	100	28	28	100	4
PARNAÍBA / Prefeito Doutor João Silva Filho, PI	SBPB	1015/2145	F	77	77	100	28	28	100	14
PETROLINA / Senador Nilo Coelho, PE	SBPL	0000/2359	F	168	168	100	28	28	100	0
PORTO SEGURO / Porto Seguro, BA	SBPS	0000/2359	F	168	168	100	28	28	100	1
RECIFE / Guararapes - Gilberto Freyre, PE	SBRF	0000/2359	F	168	168	100	28	28	100	7
SALVADOR / Deputado Luís Eduardo Magalhães, BA	SBSV	0000/2359	F	168	168	99.40	28	28	100	0
TERESINA / Senador Petrônio Portella, PI	SBTE	0000/2359	F	168	168	100	28	28	100	0
VITÓRIA / Eurico de Aguiar Salles, ES	SBVT	Viernes: 1500/2100	F	7	7	100	28	28	100	4
PROMEDIO						99.95			100.00	
CINDACTA IV										
ALTA FLORESTA / Aeroporto Piloto Osvaldo Marques Dias, MT	SBAT	Miércoles: 1015/0345 Jueves: 1015/0345 Viernes: 1015/0345 Sábado: 1015/0345	M	---	---	---	---	---	---	14
BELÉM / Val de Cans / Júlio Cezar Ribeiro, PA	SBBE	0000/2359	F	168	168	98.81	28	28	100	7

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Transmitidos				Período: 10/06/2017 a 16/06/2017			Año: 2017			
ESTADO: BRASIL	AFTN: SBBRYZYX		FAX:	E-Mail:						
Aedróromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)			SPECI (SP)
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
CINDACTA IV										
BOA VISTA / Atlas Brasil Cantanhede, RR	SBBV	0000/2359	F	168	168	100	28	28	100	16
CRUZEIRO DO SUL / Cruzeiro do Sul, AC	SBCZ	1415/0745	F	---	---	---	28	28	100	16
MACAPÁ / Alberto Alcolumbre, AP	SBMQ	0000/2359	F	168	168	98.21	28	28	100	3
MANAUS / Eduardo Gomes, AM	SBEG	0000/2359	F	168	168	100	28	28	100	4
MANAUS / Ponta Pelada, AM	SBMN	0000/2359	F	168	168	99.40	28	28	100	2
MARABÁ / JOÃO CORRÊA DA ROCHA / Marabá, PA	SBMA	0000/2359	F	168	168	100	28	28	100	1
OIAPOQUE / Oiapoque, AP	SBOI	Domingo: 1300/2000 Lunes: 1300/2000 Martes: 1300/2000 Miércoles: 1300/2000 Jueves: 1300/2000 Viernes: 1300/2000 Sábado: 1300/2000	F	56	53	94.64	28	28	100	2
PARAUPEBAS / Carajás, PA	SBCJ	1015/2145	F	77	77	100	28	28	100	14
PORTO VELHO / Governador Jorge Teixeira de Oliveira, RO	SBPV	0000/2359	F	168	168	100	28	28	100	3
RIO BRANCO / Plácido de Castro, AC	SBRB	0000/2359	F	168	168	98.81	28	28	100	5
SANTARÉM / Maestro Wilson Fonseca, PA	SBSN	0000/2359	F	168	168	100	28	28	100	4
SÃO LUÍS / Marechal Cunha Machado, MA	SBSL	0000/2359	F	168	168	99.40	28	28	100	2
TABATINGA / Tabatinga, AM	SBTT	1100/2300	F	91	91	100	28	28	100	6
TEFÉ / Tefé, AM	SBTF	Domingo: 1115/2345 Lunes: 1115/2245 Martes: 1115/2245 Miércoles: 1115/2345 Jueves: 1115/2245 Viernes: 1115/2245 Sábado: 1115/2245	F	79	79	100	28	28	100	16
PROMEDIO						99.23			100.00	
CINDACTA 1A										
BRASÍLIA / Pres. Juscelino Kubitschek, DF	SBBR	0000/2359	F	168	168	99.40	28	28	100	0
PROMEDIO						99.40			100.00	
SRPV-SP										
CABO FRIO / Cabo Frio, RJ	SBCB	0900/2100	F	91	91	98.90	28	28	100	0
CAMPINAS / Viracopos, SP	SBKP	0000/2359	F	168	168	100	28	28	100	13
RIO DE JANEIRO / Galeão - Antônio Carlos Jobim, RJ	SBGL	0000/2359	F	168	168	99.40	28	28	100	3
RIO DE JANEIRO / Santos Dumont, RJ	SBRJ	0000/2359	F	168	168	100	28	28	100	9
SÃO JOSÉ DOS CAMPOS / Professor Urbano Ernesto Stumpf, SP	SBSJ	0000/2359	F	168	168	99.40	28	28	100	13
SÃO PAULO / Congonhas, SP	SBSP	0000/2359	F	168	168	100	28	28	100	43
SÃO PAULO / Guarulhos - Governador André Franco Montoro, SP	SBGR	0000/2359	F	168	168	100	28	28	100	26
PROMEDIO						99.67			100.00	

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Recibidos	M	Período: 10/06/2017 a 16/06/2017					Año: 2017			
ESTADO: BRASIL	AFTN: SBBRYZYX		FAX:			E-Mail:				
Aeródromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)		SPECI (SP)	
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
ANGUILLA I.										
CLAYTON J. LLOYD INTL AIRPORT ,ANGUILLA	TQPF	1100/2200	F	84	74	75	28	17	53.57	0
PROMEDIO						75.00			53.57	
ANTIGUA E BARBUDA										
SAINT JOHNS / V.C.BIRD, ANTIGUA INTERNATIONAL AIRPORT	TAPA	0000/2359	F	168	163	88.69	28	26	82.14	0
PROMEDIO						88.69			82.14	
ANTILHAS FRANCESAS										
FORT-DE-FRANCE / MARTINIQUE AIME CESAIRE	TFFF	0000/2359	F	168	168	100	28	28	100	0
POINTE-A-PITRE, LE RAIZET	TFFR	0000/2359	F	168	168	100	28	28	100	0
PROMEDIO						100.00			100.00	
ANTILHAS HOLANDESAS										
BONAIRE / FLAMINGO	TNCB	Todos: 1100/2359 Todos: 0000/0100	F	105	0	0	28	0	0	0
CURACAO/AEROPUERTO HATO INTL.	TNCC	0000/2359	F	168	160	61.90	28	28	100	0
PRINCESS JULIANA, ST. MAARTEN I.	TNCM	0000/2359	F	168	160	71.43	28	24	82.14	1
SAINT EUSTATIUS / F. D. ROOSEVELT	TNCE	1200/2100	F	70	0	0	28	0	0	0
PROMEDIO						33.33			45.54	
ARUBA										
ORANJESTAD / REINA BEATRIX INTL	TNCA	0000/2359	F	168	139	10.12	28	23	71.43	0
PROMEDIO						10.12			71.43	
BARBADOS										
BRIDGETOWN / GRANTLEY ADAMS INTL.	TBPB	0000/2359	F	168	164	84.52	28	26	89.29	7
PROMEDIO						84.52			89.29	
BELIZE										
BELIZE / PHILIP S.W. GOLDSON INTL.	MZBZ	Todos: 0000/0000 Todos: 1200/2359 Todos: 0300/0600	F	119	90	73.11	28	28	100	24
PROMEDIO						73.11			100.00	
COSTA RICA										
ALAJUELA / JUAN SANTAMARIA INTL.	MROC	0000/2359	F	168	158	89.88	28	25	85.71	21
LIBERIA / DANIEL ODUBER QUIROS	MRLB	Todos: 0000/0200 Todos: 1200/2359	F	105	94	89.52	28	21	71.43	9
LIMON / LIMON INTL	MRLM	Todos: 1200/2359 Todos: 0000/0000	F	91	49	34.07	28	23	75	1
PAVAS / TOBIAS BOLANOS INTL.	MRPV	Todos: 1200/2359 Todos: 0000/0000	F	91	85	90.11	28	23	78.57	20
PROMEDIO						75.90			77.68	
CUBA										
CAMAGUEY / IGNACIO AGRAMONTE	MUCM	0000/2359	F	168	165	19.64	28	28	96.43	4

CAYO COCO / JARDINES DEL REY	MUCC	0000/2359	F	168	161	30.36	28	23	78.57	4
CAYO LARGO DEL SUR / VILO ACUNA	MUCL	1100/2300	F	91	83	41.76	28	14	46.43	2
HABANA / JOSE MARTI	MUHA	0000/2359	F	168	162	84.52	28	27	96.43	11
HOLGUIN / FRANK PAIS	MUHG	0000/2359	F	168	162	23.81	28	23	78.57	7
SANTIAGO DE CUBA / ANTONIO MACEO	MUCU	0000/2359	F	168	162	35.71	28	27	96.43	0
VARADERO / JUAN GUALBERTO. GOMEZ	MUVR	0000/2359	F	168	162	64.29	28	28	96.43	13
PROMEDIO						45.58			77.78	
DOMINICA										
MARIGOT / MELVILLE HALL INTL	TDPD	1000/2200	F	91	87	74.73	28	11	39.29	3
PROMEDIO						74.73			39.29	

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Recibidos	M	Período: 10/06/2017 a 16/06/2017					Año: 2017			
ESTADO: BRASIL	AFTN: SBBRYZYX		FAX:			E-Mail:				
Aedródromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)		SPECI (SP)	
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
EL SALVADOR										
SAN SALVADOR / EL SAVADOR INTL	MSLP	0000/2359	F	168	153	76.19	28	27	92.86	25
SAN SALVADOR / ILOPANGO INTL	MSSS	Todos: 0000/0400 Todos: 1200/2359	F	119	101	71.43	28	26	89.29	0
PROMEDIO						73.81			91.08	
GRENADA										
POINT SALINES, GRENADA	TGPY	0000/2359	F	168	162	77.98	28	24	78.57	0
PROMEDIO						77.98			78.57	
GUATEMALA										
LA AURORA	MGGT	0000/2359	F	168	160	92.26	28	26	89.29	0
PUERTO BARRIOS / PUERTO BARRIOS	MGPB	0000/2359	F	168	149	82.14	28	25	85.71	0
PUERTO DE SAN JOSE	MGSJ	0000/2359	F	168	82	44.64	28	26	89.29	0
SANTA HELENA / MUNDO MAYA INTL.	MGMM	0000/2359	F	168	150	81.55	28	25	85.71	0
PROMEDIO						75.15			87.50	
HAITI										
PORT-AU-PRINCE / POIRT-AU-PRINCE INTL.	MTPP	Todos: 1100/2359 Todos: 0000/0000	F	98	85	61.22	28	16	57.14	0
PROMEDIO						61.22			57.14	
HONDURAS										
LA CEIBA / GOLOSON INTL	MHLC	0000/2359	F	168	17	10.12	28	1	3.57	1
ROATAN / JUAN MANUEL GALVEZ INTL	MHRO	0000/2359	F	168	69	39.88	28	0	0	0
SAN PEDRO SULA / RAMÓN VILLEDA MORALES INTL	MHLM	0000/2359	F	168	36	20.83	28	3	10.71	2
TEGUCIGALPA / TONCONTIN INTL	MHTG	0000/2359	F	168	20	11.31	28	19	67.86	12
PROMEDIO						20.54			20.54	
ILHAS BAHAMAS										
COCKBURN TOWN / SAN SALVADOR INTL.	MYSM	0000/2359	F	168	0	0	28	0	0	0
FREEPORT / GRAND BAHAMA INTL.	MYGF	0000/2359	F	168	45	9.52	28	23	82.14	2
NASSAU / LYNDEN PINDLING INTL.	MYNN	0000/2359	F	168	91	22.02	28	24	85.71	1
PROMEDIO						10.51			55.95	
ILHAS CAYMAN (UK)										
CAYMAN BRAC / GERRARD SMITH INTL	MWCB	Todos: 1200/2359 Todos: 0000/0000	F	91	85	89.01	28	12	42.86	0
GEORGETOWN / OWEN ROBERTS INTL.	MWCR	Todos: 1100/2359 Todos: 0000/0300	F	119	104	82.35	28	18	64.29	1
PROMEDIO						85.68			53.58	
ILHAS TURKS AND CAICO										
GRAND TURK / JAGS MACCARTNEY INTL. AIRPORT	MBGT	Todos: 1000/2359 Todos: 0000/0100	F	112	32	12.50	28	23	82.14	0
PROVIDENCIALES / PROVIDENCIALES INTL	MBPV	Todos: 1100/2359 Todos: 0000/0100	F	105	74	65.71	28	23	82.14	0

SOUTH CAICOS / SOUTH CAICOS INTL	MBSC	1000/2200	F	91	0	0	28	0	0	0
PROMEDIO						26.07			54.76	
ILHAS VIRGENS (UK)										
TERRANCE B. LETTSOME,TORTOLA	TUPJ	Todos: 1000/2200 Todos: 0000/0200	F	112	87	76.79	28	15	46.43	2
PROMEDIO						76.79			46.43	
ILHAS VIRGENS (USA)										
CHRISTIANSTED / HENRY E. ROHLSSEN, ST. CROIX	TISX	0600/2300	F	126	113	84.92	28	25	85.71	54
SAINT THOMAS / CYRIL E. KING	TIST	0700/2200	F	112	99	83.04	28	25	85.71	15

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Recibidos		M	Período: 10/06/2017 a 16/06/2017				Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:			E-Mail:			
Aeródromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)			SPECI (SP)
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
ILHAS VIRGENS (USA)										
PROMEDIO						83.98			85.71	
JAMAICA										
KINGSTON / NORMAN MANLEY INTL	MKJP	0000/2359	F	168	165	87.50	28	24	85.71	7
MONTEGO BAY / SANGSTER INTL	MKJS	0000/2359	F	168	167	89.29	28	0	0	10
PROMEDIO						88.39			42.85	
MEXICO										
ACAPULCO / GRAL. JUAN N. ALVAREZ INTL	MMAA	0000/2359	F	168	143	8.33	28	27	96.43	10
AGUASCALIENTES / AEROPUERTO JESÚS TERÁN	MMAS	0000/2359	F	168	125	7.14	14	14	100	0
BAHIAS DE HUATULCO / BAHIAS DE HUATULCO	MMBT	Todos: 1300/2359 Todos: 0000/0000	F	84	68	10.71	14	14	100	5
CABO SAN LUCAS/CABO SAN LUCAS	MMSL	0000/2359	F	168	87	5.36	28	13	46.43	0
CAMPECHE / ING. ALBERTO ACUÑA ONGAY	MMCP	Todos: 1300/2359 Todos: 0000/0300	F	105	90	16.19	14	13	92.86	6
CANCUN / CANCUN INTL	MMUN	Todos: 1400/2359 Todos: 0000/0200	F	91	86	30.77	28	23	82.14	5
CD. JUAREZ / ABRAHAM GONZÁLEZ INTL	MMCS	Todos: 1400/2359 Todos: 0000/0200	F	91	84	8.79	14	12	85.71	0
CHETUMAL / CHETUMAL INTL	MMCM	Todos: 1400/2359 Todos: 0000/0100	F	84	79	9.52	14	0	0	0
CHICHÉN-ITZA / CHICHÉN-ITZA	MMCT	0000/2359	F	168	47	4.76	28	0	0	0
CHIHUAHUA / GAL DE DIVY P AV ROBERTO FIERRO VILLALOBOS INTL	MMCU	Todos: 1300/2359 Todos: 0000/0300	F	105	95	12.38	14	12	85.71	0
CIUDAD DEL CARMEN / CIUDAD DEL CARMEN INTL	MMCE	Todos: 1300/2359 Todos: 0000/0100	F	91	82	48.35	14	14	100	5
CIUDAD OBREGON / CIUDAD OBREGÓN	MMCN	Todos: 1300/2359 Todos: 0000/0100	F	91	84	4.40	14	13	92.86	2
CIUDAD VICTORIA / GENERAL PEDRO JOSÉ MENDEZ	MMCV	Todos: 1300/2359 Todos: 0000/0100	F	91	82	2.20	14	14	100	0
COZUMEL / COZUMEL INTL	MMCZ	Todos: 1300/2359 Todos: 0000/0100	F	91	83	17.58	28	28	100	0
CULIACAN / CULIACAN	MMCL	Todos: 1300/2359 Todos: 0000/0500	F	119	101	6.72	14	14	100	1
DURANGO / DURANGO	MMDO	Todos: 1200/2359 Todos: 0000/0100	F	98	89	3.06	14	13	92.86	2
GUADALAJARA / MIGUEL HIDALGO COSTILLA INTL	MMGL	0000/2359	F	168	143	35.12	28	28	100	3
GUAYMAS / GRAL. JOSE MARIA YÁÑEZ INTL	MMGM	Todos: 1400/2359 Todos: 0000/0200	F	91	76	19.78	14	13	92.86	0
HERMOSILLO / GRAL. I. PESQUEIRA GARCÍA INTL	MMHO	Todos: 1300/2359 Todos: 0000/0300	F	105	99	3.81	14	13	92.86	0
IXTAPA - ZIHUATANEJO / IXTAPA - ZIHUATANEJO	MMZH	Todos: 1300/2359 Todos: 0000/0300	F	105	80	2.86	14	13	92.86	4
LA PAZ / GRAL. MANUEL MÁRQUEZ DE LEÓN INTL	MMLP	Todos: 1400/2359 Todos: 0000/0400	F	105	97	1.90	14	13	92.86	0
LEON / AEROPUERTO INTERNACIONAL DE GUANAJUATO	MMLO	Todos: 1300/2359 Todos: 0000/0100	F	91	81	10.99	14	12	85.71	2

LORETO / LORETO INTL	MMLT	Todos: 1400/2359 Todos: 0000/0200	F	91	70	14.29	14	13	92.86	0
LOS MOCHIS / DEL VALLE DEL FUERTE	MMLM	Todos: 1400/2359 Todos: 0000/0400	F	105	88	3.81	14	13	92.86	0
MANZANILLO / PLAYA DE ORO INTL	MMZO	Todos: 1300/2359 Todos: 0000/0100	F	91	67	14.29	14	13	92.86	0

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Recibidos M				Período: 10/06/2017 a 16/06/2017			Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:			E-Mail:			
Aeródromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)		SPECI (SP)	
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
MEXICO										
MATAMOROS / MATAMOROS INTL	MMMA	Todos: 1400/2359 Todos: 0000/0200	F	91	72	2.20	14	13	92.86	0
MAZATLAN / GRAL. RAFAEL BUELNA INTL	MMMZ	0000/2359	F	168	147	5.95	28	27	96.43	0
MERIDA / GRAL. RODOLFO SÁNCHEZ TABOADA INTL	MMML	Todos: 1400/2359 Todos: 0000/0400	F	105	97	7.62	14	13	92.86	0
MERIDA / LIC. MANUEL CRESCENCIO REJÓN INTL	MMMD	0000/2359	F	168	166	61.90	28	26	92.86	24
MEXICO / AEROPUERTO INTERNACIONAL BENITO JUÁREZ CD MEXICO	MMMX	0000/2359	F	168	147	25	28	26	92.86	49
MINATITLAN / MINATITLAN	MMMT	Todos: 1300/2359 Todos: 0000/0100	F	91	79	25.27	14	13	92.86	2
MONCLOVA / VENUSTIANO CARRANZA	MMMV	0000/2359	F	168	54	1.79	14	5	35.71	0
MONTERREY / DEL NORTE INTL	MMAN	Todos: 1300/2359 Todos: 0000/0300	F	105	105	0.95	14	14	100	0
MONTERREY / GRAL. MARIANO ESCOBEDO INTL	MMMY	0000/2359	F	168	146	7.14	28	25	89.29	1
MORELIA / GRAL. FRANCISCO J. MUJICA INTL	MMMM	Todos: 1300/2359 Todos: 0000/0100	F	91	83	5.49	28	24	85.71	16
NUEVO LAREDO / QUETZALCOATL INTL	MMNL	Todos: 1400/2359 Todos: 0000/0200	F	91	74	0	14	13	92.86	0
OAXACA / XOXOCOTLÁN	MMOX	Todos: 1200/2359 Todos: 0000/0000	F	91	83	13.19	14	13	92.86	9
PIEDRAS NEGRAS / PIEDRAS NEGRAS INTL	MMPG	Todos: 1200/2359 Todos: 0000/0100	F	98	57	0	14	13	92.86	0
PUEBLA / HERMANOS SERDÁN	MMPB	Todos: 1300/2359 Todos: 0000/0000	F	84	78	3.57	14	13	92.86	3
PUERTO ESCONDIDO / PUERTO ESCONDIDO	MMPS	Todos: 1200/2359 Todos: 0000/0000	F	91	76	6.59	14	13	92.86	1
PUERTO VALLARTA / LIC. GUSTAVO DIAZ ORDAZ INTL	MMPR	0000/2359	F	168	145	18.45	28	26	92.86	2
QUERETARO / INTERCONTINENTL DE QUERÉTARO	MMQT	Todos: 1300/2359 Todos: 0000/0100	F	91	82	6.59	14	12	85.71	1
REYNOSA / GRAL. LUCIO BLANCO INTL	MMRX	Todos: 1300/2359 Todos: 0000/0100	F	91	76	17.58	14	13	92.86	1
SALTILLO / PLAN DE GUADALUPE	MMIO	Todos: 1300/2359 Todos: 0000/0300	F	105	101	0	14	12	85.71	0
SAN JOSE DEL CABO / AEROPUERTO INTL LOS CABOS	MMSD	Todos: 1400/2359 Todos: 0000/0100	F	84	79	2.38	14	13	92.86	0
SAN LUIS POTOSI / PONCIANO ARRIAGA	MMSP	Todos: 1300/2359 Todos: 0000/0100	F	91	83	18.68	28	25	89.29	0
TAMPICO / GRAL. FRANCISCO JAVIER MINA INTL	MMTM	0000/2359	F	168	109	16.07	14	13	92.86	0
TAPACHULA / TAPACHULA INTL	MMTP	Todos: 1300/2359 Todos: 0000/0000	F	84	81	16.67	28	26	92.86	4
TEPIC / TEPIC INTL	MMEP	Todos: 1300/2359 Todos: 0000/0100	F	91	79	39.56	14	12	85.71	3
TIJUANA / GRAL. ABELARDO I. RODR	MMTJ	Todos: 1400/2359 Todos: 0000/0700	F	126	116	13.49	28	24	85.71	7
TOLUCA / JOSÉ MARÍA MORELOS Y PAVÓN	MMTO	0000/2359	F	168	143	7.74	28	25	89.29	10
TORREON / FRANCISCO SARABIA	MMTC	Todos: 1300/2359 Todos: 0000/0300	F	105	98	2.86	14	12	85.71	0
TUXTLA GUTIERREZ / ANGEL ALBINO CORZO	MMTG	Todos: 1300/2359 Todos: 0000/0100	F	91	84	43.96	14	13	92.86	4

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Recibidos M				Período: 10/06/2017 a 16/06/2017			Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:			E-Mail:			
Aeródromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)			SPECI (SP)
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
MEXICO										
VERACRUZ / GRAL. HERIBERTO JARA INTL	MMVR	Todos: 1300/2359 Todos: 0000/0100	F	91	84	3.30	14	13	92.86	0
VILLAHERMOSA / C.P.A. CARLOS ROVIROSA INTL	MMVA	Todos: 1200/2359 Todos: 0000/0300	F	112	104	21.43	14	12	78.57	7
ZACATECAS / GRAL. LEOBARDO C. RUIZ INTL	MMZC	Todos: 1300/2359 Todos: 0000/0100	F	91	73	41.76	28	24	85.71	0
PROMEDIO						13.16			86.92	
MONTSERRAT I. (UK)										
GERALDꞑS / JOHN A. OSBORNE INTL	TRPG	1000/2200	F	91	78	32.97	28	4	10.71	2
PROMEDIO						32.97			10.71	
NICARAGUA										
MANAGUA / AUGUSTO CESAR SANDINO INTL	MNMG	0000/2359	F	168	161	68.45	28	24	85.71	16
PROMEDIO						68.45			85.71	
PORTO RICO										
AGUADILLA / RAFAEL HERNANDEZ INTL	TJBQ	0000/2359	F	168	124	61.31	28	25	85.71	15
PONCE / PONCE MERCEDITA	TJPS	0800/1700	F	70	4	2.86	28	25	85.71	0
SAN JUAN / LUIS MUNOZ MARIN INTL	TJSJ	0000/2359	F	168	152	88.10	28	25	85.71	6
PROMEDIO						50.76			85.71	
REPUBLICA DOMINICANA										
BARAHONA / APTO. INTERNACIONAL MARIA MONTEZ	MDBH	Todos: 1200/2359 Todos: 0000/0000	F	91	85	93.41	28	27	96.43	0
HIGUERO / DR. JOAQUIN BALAGUER INTL	MDJB	0000/2359	F	168	77	45.83	28	26	92.86	1
LA ROMANA / LA ROMANA INTL	MDLR	0000/2359	F	168	110	65.48	28	26	92.86	0
PUERTO PLATA / GREGORIO LUPERON INTL	MDPP	Todos: 1200/2359 Todos: 0000/0000	F	91	88	96.70	28	28	100	3
PUNTA CANA / PUNTA CANA INTL	MDPC	Todos: 1200/2359 Todos: 0000/0000	F	91	85	93.41	28	28	100	1
SAMANA / EL CATEY INTL	MDCY	0000/2359	F	168	89	52.38	28	27	96.43	2
SANTIAGO / CIBAO INTL	MDST	Todos: 0000/0000 Todos: 1200/2359	F	91	87	95.60	28	27	96.43	2
SANTO DOMINGO / DE LAS AMERICAS INTL	MDSD	0000/2359	F	168	156	92.86	28	26	92.86	4
PROMEDIO						79.46			95.98	
SAINT KITTS AND NEVIS										
BASSETTERRE / ROBERT L. BRADSHAW, SAINT KITTS	TKPK	Todos: 1200/2359 Todos: 0000/0100	F	98	92	85.71	28	25	85.71	0
CHARLESTOWN / VANCE WINKWORTH AMORY	TKPN	0000/2359	F	168	76	32.74	28	17	53.57	0
PROMEDIO						59.23			69.64	
SANTA LUCIA										
CASTRIES / GEORGE F. L. CHARLES	TLPC	Todos: 1000/2359 Todos: 0000/0000	F	105	85	35.24	28	22	75	0
VIEUX-FORT / HEWANORRA INTL	TLPL	0000/2359	F	168	162	90.48	28	26	89.29	6

PROMEDIO						62.86			82.15	
SAO VICENTE E GRANADINES										
KINGSTOWN / E.T.JOSHUA	TVSV	Todos: 1000/2359	F	112	0	0	28	0	0	0

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM											
Mensajes Meteorológicos Recibidos		M		Período: 10/06/2017 a 16/06/2017				Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:			E-Mail:				
Aedródromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)		SPECI (SP)		
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido	
SAO VICENTE E GRANADINES											
		Todos: 0000/0100									
PROMEDIO						0.00			0.00		
TRINIDAD E TOBAGO											
PORT OF SPAIN / PIARCO INTL., TRINIDAD I.		TTPP	0000/2359	F	168	168	95.83	28	28	100	23
SCARBOROUGH / CROWN POINT, TOBAGO I.		TTCP	Todos: 1000/2359 Todos: 0000/0200	F	119	118	95.80	28	27	96.43	3
PROMEDIO							95.82			98.22	

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Recibidos M				Período: 10/06/2017 a 16/06/2017			Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:		E-Mail:				
Aedróromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)		SPECI (SP)	
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
ARGENTINA										
BUENOS AIRES / AEROPARQUE J. NEWBERY	SABE	0000/2359	F	168	168	94.05	28	28	100	0
CATARATAS DEL IGUAZU / MY D.C.E. KRAUSE	SARI	0000/2359	F	168	167	93.45	28	28	100	8
COMODORO RIVADAVIA/GRAL E MOSCONI	SAVC	0000/2359	F	168	168	90.48	28	28	100	5
CORDOBA/ING.AER A.L.V. TARAVELLA	SACO	0000/2359	F	168	167	92.26	28	28	96.43	4
EZEIZA MINISTRO PISTARINI	SAEZ	0000/2359	F	168	167	97.02	28	28	100	8
JUJUY / GOBERNADOR GUZMAN	SASJ	0000/2359	F	168	167	83.93	28	28	96.43	1
MAR DEL PLATA / BRIG GRAL.D.BARTOLOME DE LA COLINA	SAZM	0000/2359	F	168	153	80.95	28	28	100	15
MENDOZA / EL PLUMERILLO	SAME	0000/2359	F	168	168	98.81	28	28	92.86	0
NEUQUÉN / PRESIDENTE PERÓN	SAZN	0000/2359	F	168	163	75.60	28	28	100	1
RESISTENCIA	SARE	0000/2359	F	168	164	93.45	28	28	100	6
RÍO GALLEGOS / PILOTO CIVIL N. FERNÁNDEZ	SAWG	0000/2359	F	168	168	98.21	28	26	92.86	5
ROSARIO / ISLAS MALVINAS	SAAR	0000/2359	F	168	167	86.31	28	28	100	28
SALTA / GENERAL D. MARTÍN MIGUEL DE GÜEMES	SASA	0000/2359	F	168	167	98.81	28	28	96.43	7
SAN CARLOS DE BARILOCHE	SAZS	0000/2359	F	168	163	85.12	28	28	100	10
SAN FERNANDO, BUENOS AIRES, BA	SADF	0000/2359	F	168	167	97.02	28	28	100	9
USHUAIA / MALVINAS ARGENTINAS	SAWH	0000/2359	F	168	164	73.81	28	25	89.29	2
PROMEDIO						89.95			97.77	
BOLIVIA										
COCHABAMBA / AEROPUERTO INTERNACIONAL JORGE WILSTERMANN	SLCB	0000/2359	F	168	167	95.83	28	28	100	2
LA PAZ / AEROPUERTO INTERNACIONAL EL ALTO	SLLP	0000/2359	F	168	167	95.83	28	28	100	0
SANTA CRUZ / AEROPUERTO INTERNACIONAL VIRU VIRU	SLVR	0000/2359	F	168	167	95.83	28	28	100	9
TARIJA / AEROPUERTO INTL DE ALT CAP AV. ORIEL LEA PLAZA	SLTJ	1000/2300	F	98	96	93.88	28	28	100	0
PROMEDIO						95.34			100	
CHILE										
ANTOFAGASTA / AP CERRO MORENO	SCFA	0000/2359	F	168	168	99.40	28	28	100	3
ARICA / AP CHACALLUTA	SCAR	0000/2359	F	168	167	99.40	28	27	96.43	0
CONCEPCION / AD CARRIEL SUR	SCIE	0000/2359	F	168	168	100	28	28	100	18

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Recibidos M				Período: 10/06/2017 a 16/06/2017			Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:		E-Mail:				
Aedróromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)			SPECI (SP)
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
CHILE										
IQUIQUE / AP GRAL. DIEGO ARACENA	SCDA	0000/2359	F	168	161	95.24	28	28	100	1
ISLA DE PASCUA / AD MATAVERI	SCIP	Todos: 1200/2359 Todos: 0000/0300	F	112	112	100	28	28	100	2
PUERTO MONTT / AP EL TEPUAL	SCTE	0000/2359	F	168	165	97.62	28	28	100	3
PUNTA ARENAS / AP PDTE. CARLOS IBANEZ	SCCI	0000/2359	F	168	167	99.40	28	28	100	7
SANTIAGO / AP ARTURO MERINO BENITEZ	SCEL	0000/2359	F	168	168	100	28	28	100	8
PROMEDIO						98.88			99.55	
COLOMBIA										
BARRANQUILLA / ERNESTO CORTISSOZ / ATLANTICO	SKBQ	0000/2359	F	168	165	91.67	28	25	85.71	18
BOGOTA / ELDORADO / DISTRITO CAPITAL	SKBO	0000/2359	F	168	164	88.69	28	28	100	20
CALI / ALFONSO BONILLA ARAGÓN / VALLE	SKCL	0000/2359	F	168	164	91.67	28	25	85.71	15
CARTAGENA / RAFAEL NUÑEZ / BOLIVAR	SKCG	0000/2359	F	168	165	90.48	28	25	85.71	4
CUCUTA / CAMILO DAZA / NORTE DE S.	SKCC	1100/2300	F	91	90	92.31	28	25	85.71	8
LETICIA / ALFREDO VÁSQUEZ COBO / AMAZONAS	SKLT	1100/2300	F	91	89	94.51	28	25	85.71	9
RIONEGRO / JOSÉ MARÍA CÓRDOBA / ANTIOQUIA	SKRG	0000/2359	F	168	165	91.07	28	25	85.71	16
SAN ANDRES / GUSTAVO ROJAS PINILLA / SAN ANDRES	SKSP	Todos: 1100/2359 Todos: 0000/0500	F	133	130	87.22	28	26	89.29	0
PROMEDIO						90.95			87.94	
EQUADOR										
GUAYAQUIL / JOSE JOAQUIN OLMEDO	SEGU	0000/2359	F	168	168	99.40	28	28	100	3
LATACUNGA / COTOPAXI	SELT	Todos: 1100/2359 Todos: 0000/0500	F	133	131	98.50	28	28	100	2
MANTA / ELOY ALFARO	SEMT	0000/2359	F	168	159	92.26	28	28	100	0
QUITO / MARISCAL SUCRE	SEQU	0000/2359	F	168	0	0	28	0	0	0
PROMEDIO						72.54			75.00	
GUIANA										
CHEDDI JAGAN INTL AIRPORT	SYCJ	0000/2359	F	168	160	88.69	28	18	64.29	7
GEORGETOWN / OGLE MUNICIPAL AIRPORT	SYGO	1100/2200	F	84	0	0	7	0	0	0
PROMEDIO						44.35			32.15	
GUIANA FRANCESA										
CAYENNE - ROCHAMBEAU	SOCA	0000/2359	F	168	168	100	28	28	100	0
PROMEDIO						100.00			100.00	
PANAMA										
BOCAS DEL TORO / BOCAS DEL TORO	MPBO	1100/2300	F	91	64	62.64	28	0	0	0
CHANGUINOLA / CAP. MANUEL NINO	MPCH	1100/2300	F	91	0	0	28	0	0	0
DAVID / ENRIQUE MALEK	MPDA	1100/2300	F	91	80	80.22	14	5	35.71	4

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Recibidos M				Período: 10/06/2017 a 16/06/2017			Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:			E-Mail:			
Aeródromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)		SPECI (SP)	
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
PANAMA										
PANAMA / MARCOS A. GELABERT	MPMG	Todos: 1100/2359 Todos: 0000/0100	F	105	93	77.14	14	6	42.86	3
PANAMA / TOCUMEN INTL	MPTO	0000/2359	F	168	152	86.31	28	27	96.43	5
PROMEDIO						81.72			69.64	
PARAGUAI										
LUQUE / SILVIO. PETTIROSSI INTL	SGAS	0000/2359	F	168	163	96.43	28	25	89.29	1
MINGA GAZÚ// GUARANI INTL	SGES	Todos: 0000/0000 Todos: 0900/2359 Todos: 0300/0600	F	140	133	93.57	28	27	96.43	3
PROMEDIO						95.00			92.86	
PERU										
AREQUIPA / INTL. ALFREDO RODRIGUEZ BALLON	SPQU	0000/2359	F	168	168	100	28	22	78.57	0
CHICLAYO / INTL. CAPITAN JOSE ABELARDO QUINONES GONZALEZ	SPHI	0000/2359	F	168	157	83.33	28	10	21.43	0
CUSCO / INTL. TENIENTE FAP ALEJANDRO VELAZCO ASTETE	SPZO	0000/2359	F	168	168	100	28	25	89.29	4
IQUITOS / INTL. CORONEL FAP FRANCISCO SECADA VIGNETTA	SPQT	0000/2359	F	168	168	100	28	27	96.43	17
LIMA - CALLAO / INTL JORGE CHAVEZ	SPIM	0000/2359	F	168	0	0	28	0	0	0
PISCO / INTL PISCO	SPSO	0000/2359	F	168	168	100	28	27	96.43	2
TACNA / INTL. CORONEL FAP CARLOS CIRIANI	SPTN	0000/2359	F	168	168	100	28	27	96.43	1

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM										
Mensajes Meteorológicos Recibidos M		Período: 10/06/2017 a 16/06/2017					Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:		E-Mail:				
Aedródromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)		SPECI (SP)	
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido
PERU										
		Sábado: 1300/2100								
TRUJILLO / INTL. CAPITAN FAP CARLOS MARTINEZ DE PINILLOS	SPRU	0000/2359	F	168	167	98.81	28	22	78.57	0
PROMEDIO						85.26			69.64	
SURINAME										
PARAMARIBO / ZORG EN HOOP	SMZO	Todos: 0900/2359 Todos: 0000/0000	F	112	111	91.96	28	27	92.86	1
ZANDERY / JOHAN ADOLF PENGEL INTL	SMJP	0000/2359	F	168	167	91.67	28	27	96.43	7
PROMEDIO						91.82			94.65	
URUGUAI										
MALDONADO / INTL C/C CARLOS A.CURBELO "LAGUNA DEL SAUCE"	SULS	0000/2359	F	168	162	95.24	28	26	89.29	9
MONTEVIDEO / INTL.DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU	0000/2359	F	168	168	100	28	27	92.86	8
PROMEDIO						97.62			91.07	
VENEZUELA										
BARCELONA / GRAL. JOSÉ ANTONIO, ANZOATEGUI INTL	SVBC	0000/2359	F	168	0	0	28	28	100	0
CARACAS / SIMON BOLIVAR INTL MAIQUETIA	SVMI	0000/2359	F	168	163	79.17	28	28	100	0
MARACAIBO / LA CHINITA INTL	SVMC	0000/2359	F	168	0	0	28	28	100	0
MARGARITA / INTL DEL CARIBE GRAL. SANTIAGO MARINO	SVMG	0000/2359	F	168	78	41.07	28	28	100	1
PARAGUANA / JOSEFA CAMEJO INTL	SVJC	1000/2200	F	91	0	0	28	27	96.43	0
SAN ANTONIO DEL TACHIRA / SAN ANTONIO DEL, TACHIRA INTL	SVSA	1000/2200	F	91	0	0	28	28	100	0

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM											
Mensajes Meteorológicos Recibidos		M		Período: 10/06/2017 a 16/06/2017				Año: 2017			
ESTADO: BRASIL		AFTN: SBBRYZYX		FAX:			E-Mail:				
Aedródromo	Ind. de Lugar	Horas de Operación	Requerimiento OPMET	METAR (SA)			TAF (FT)		SPECI (SP)		
				Previsto	Recebido	Eficiencia %	Previsto	Recebido	Eficiencia %	Recebido	
VENEZUELA											
VALENCIA / ZIM VALENCIA INTL		SVVA	1000/2200	F	91	30	23.08	28	1	3.57	0
PROMEDIO							20.47			85.71	

APÉNDICE B / APPENDIX B**TABLE MET II-1 - METEOROLOGICAL WATCH OFFICES
EXPLANATION OF THE TABLE****Column**

- 1 Name of the State where meteorological service is required
- 2 Name of the flight information region (FIR) or control area (CTA) where meteorological service is required
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.
- 3 ICAO location indicator of the FIR or CTA
- 4 Name of the meteorological watch office (MWO) responsible for the provision of meteorological service for the FIR or CTA
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.
- 5 ICAO location indicator of the responsible MWO
- 6 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:
Y – Yes, required
N – No, not required
- 7 Requirement for SIGMET information for volcanic ash to be provided by the MWO for the FIR or CTA concerned, where:
Y – Yes, required
N – No, not required
- 8 Requirement for SIGMET information for tropical cyclone to be provided by the MWO for the FIR or CTA concerned, where:
Y – Yes, required
N – No, not required
- 9 Requirement for AIRMET information to be provided by the MWO for the FIR or CTA concerned, where:
Y – Yes, required
N – No, not required

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 (WW)	SIGMET (WC)	AIRMET (WA)
1	2	3	4	5	6	7	8	9
Argentina	Ezeiza	SAEF	BUENOS AIRES/Aeroparque, Jorge Newbery	SABE	Y	Y		N
	Comodoro Rivadavia	SAVF	COMODORO RIVADAVIA/General Mosconi	SAVC	Y	Y		N
	Córdoba	SACF	CORDOBA/Ing. Aer. A.L. Taravela	SACO	Y	Y		N

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
	Mendoza	SAMF	MENDOZA/El Plumerillo	SAME	Y	Y		N
	Resistencia	SARR	RESISTENCIA/Resistencia	SARE	Y	Y		N
Bolivia	La Paz	SLLP	La Paz/El Alto Intl	SLLP	Y	Y	N	N
Brasil	Brasília	SBBS	BRASILIA/CINDACTA I	SBBS	Y	Y	Y	N
	Curitiba	SBCW	CURITIBA/CINDACTA II	SBCW	Y	Y	Y	N
	Amazónica	SBAZ	MANAUS/CINDACTA IV	SBAZ	Y	Y	Y	N
	Recife Atlántico	SBRE SBAO	RECIFE/CINDACTA III	SBRE	Y	Y	Y	N
Chile	Antofagasta	SCFZ	ANTOFAGASTA/Cerro Moreno SANTIAGO/Arturo Merino Benítez	SCFA SCEL	Y	Y	N	N
	Puerto Montt	SCTZ	PUERTO MONTT/El Tepual	SCTE	Y	Y	N	N
	Punta Arenas	SCCZ	PUNTA ARENAS/Pdte. C. Ibañez del Campo	SCCI	Y	Y	N	N
	Santiago	SCEZ	SANTIAGO/Arturo Merino Benítez	SCEL	Y	Y	N	N
Colombia	Bogotá	SKED	Bogotá/El Dorado	SKBO	Y	Y	Y	N
	Barranquilla below/por debajo de FL200 (cf. Bogotá)	SKEC			N	N	N	N
Cuba	Habana	MUFH	HABANA/José Martí Intl	MUHA	Y	Y	Y	N
Dominican Republic	Santo Domingo	MDSC	SANTO DOMINGO/De Las Américas Intl	MDSD	Y	Y	Y	N
Ecuador	Guyaquil	SEFG	GUAYAQUIL/José Joaquín de Olmedo	SEGU	Y	Y	N	N
FRENCH GUIANA	Cayenne	SOOO	CAYENNE/Rochambeau	SOCA	Y	Y	Y	N

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
(France)								
Guyana	Georgetown	SYGC	TIMEHRI/Cheddi Jagan Intl	SYCJ	Y	Y	Y	N
Haiti	Port-au-Prince	MTEG	PORT-AU-PRINCE/Port-au-Prince Intl	MTPP	Y	Y	Y	N
Honduras	Central American Centroamericana	MHTG	TEGUCIGALPA/Toncontin Intl	MHTG	Y	Y	Y	N
Jamaica	Kingston	MKJK	KINGSTON/Norman al Manley Intl	MKJP	Y	Y	Y	N
México	Mazatlán Oceanic México	MMFO MMFR	MEXICO/Lic. Benito Juárez Intl	MMMXX	Y	Y	Y	N
NETHERLANDS ANTILLES (Netherlands)	Curaçao	TNCF	WILLEMSTAD/Hato, Curaçao I.	TNCC	Y	Y	Y	N
Panamá	Panamá	MPZL	PANAMA/Tocumen Intl	MPTO	Y	Y	Y	N
Paraguay	Asunción	SGFA	ASUNCION/Silvio Pettirossi	SGAS	Y	Y	N	N
Perú	Lima	SPIM	LIMA-CALLAO/Jorge Chávez Intl	SPIM	Y	Y	N	N
Suriname	Paramaribo	SMPM	ZANDERY/Johan Adolf Pengel Intl	SMJP	Y	Y	Y	N
Trinidad and Tobago	Piarco	TTZP	PORT OF SPAIN/Piarco Intl, Trinidad I.	TTPP	Y	Y	Y	N
United States	Houston Oceanic Miami Oceanic San Juan	KZHU KZMA TJZS	Kansas City Aviation Weather Center	KKCI	Y	Y	Y	N
Uruguay	Montevideo	SUEO	MONTEVIDEO/Carrasco Intl Gral. Cesáreo L. Berisso	SUMU	Y	Y	N	N
Venezuela	Maiquetia	SVZM	CARACAS/Simón Bolívar Intl, Maiquetia	SVMI	Y	Y	Y	N

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 AOP aerodrome where meteorological service is required
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.
- 3 ICAO location indicator of the AOP aerodrome
- 4 Designation of AOP aerodrome:
 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
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.
- 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
- 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
 C - Requirement for 9-hour validity aerodrome forecasts in TAF code (9H)
 T - Requirement for 18/24-hour validity aerodrome forecasts in TAF code (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

TABLE MET II-2 - AERODROME METEOROLOGICAL OFFICES

State	AOP aerodrome 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
Anguilla (United Kingdom)	WALLBLAKE, ANGUILLA	TQPF	RS	V.C.BIRD, ANTIGUA	TAPA	Y	N	N	T	Y	P
Antigua and Barbuda	V.C.BIRD, ANTIGUA	TAPA	RS	V.C.BIRD, ANTIGUA	TAPA	Y	Y	Y	N	Y	F
Argentina	BUENOS AIRES/AEROPARQUE J. NEWBERY	SABE	RS	BUENOS AIRES/AEROPARQUE J. NEWBERY	SABE	Y	N	N	T	Y	F
	COMODORO RIVADAVIA/GRAL E. MOSCONI	SAVC	RS	COMODORO RIVADAVIA/GRAL. E. MOSCONI	SAVC	Y	N	N	T	Y	F
	CORDOBA/ING. AER. A. L. V. TARAVELLA	SACO	RS	CORDOBA/ING. AER. A.L.V. TARAVELLA	SACO	Y	N	N	T	Y	F
	EZEIZA/MINISTRO PISTARINI	SAEZ	RS	EZEIZA/MINISTRO PISTARINI	SAEZ	Y	N	N	T	Y	F
	CATARATAS DEL IGUAZÚ/MY. D.C.E. KRAUSE	SARI	RNS&AS	RESISTENCIA	SARE	Y	N	N	T	Y	F
	JUJUY, J./GOBERNADOR GUZMAN	SASJ	RS	CORDOBA/ING. AER. A.L.V. TARAVELLA	SACO	Y	N	N	T	Y	F
	MAR DEL PLATA/ASTOR PIAZOLLA	SAZM	RG&AS	BUENOS AIRES/AEROPARQUE J. NEWBERY	SABE	Y	N	N	T	Y	F
	MENDOZA/EL PLUMERILLO	SAME	RS	MENDOZA/EL PLUMERILLO	SAME	Y	N	N	T	Y	F
	NEUQUÉN/PRESIDENTE PERÓN	SAZN	RNS&AS	BUENOS AIRES/AEROPARQUE J. NEWBERY	SABE	Y	N	N	T	Y	F
	RESISTENCIA	SARE	RNS&AS	RESISTENCIA	SARE	Y	N	N	T	Y	F
	RÍO GALLEGOS/PILOTO CIVIL N. FERNÁNDEZ	SAWG	RS	COMODORO RIVADAVIA/GRAL. E. MOSCONI	SAVC	Y	N	N	T	Y	F
	ROSARIO/ISLAS MALVINAS	SAAR	RS	BUENOS AIRES/AEROPARQUE J. NEWBERY	SABE	Y	N	N	T	Y	F
	SALTA/GENERAL D. MARTÍN MIGUEL DE GÜEMES	SASA	RS	CORDOBA/ING. AER. A.L.V. TARAVELLA	SACO	Y	N	N	T	Y	F
	SAN CARLOS DE BARILOCHE	SAZS	RNS&AS	BUENOS AIRES/AEROPARQUE J. NEWBERY	SABE	Y	N	N	T	Y	F
	SAN FERNANDO	SADF	RG	BUENOS AIRES/AEROPARQUE J. NEWBERY	SABE	Y	N	N	T	Y	F
	USHUAIA/MALVINAS ARGENTINAS	SAWH	RNS&AS	COMODORO RIVADAVIA/GRAL. E. MOSCONI	SAVC	Y	N	N	T	Y	F

State	AOP aerodrome 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
Aruba	ORANJESTAD/REINA BEATRIX INTERNATIONAL AIRPORT	TNCA	RS	CURACAO/AEROPUERTO HATO	TNCC	Y	N	N	T	Y	F
Bahamas	ALICE TOWN/BIMINI INTL.	MYBS	RS	NASSAU/LYNDEN PINDLING INTL.	MYN N	N	N	N			N
	COCKBURN TOWN/SAN SALVADOR INTL.	MYSM	RS	NASSAU/LYNDEN PINDLING INTL.	MYN N	Y	N	N	T	Y	F
	FREEPORT/GRAND BAHAMA INTL.	MYGF	RS	FREEPORT/GRAND BAHAMA INTL.	MYG F	Y	N	N	T	Y	F
	GOVERNOR'S HARBOUR/GOVERNOR'S HARBOUR INTL.	MYEM	RS	NASSAU/LYNDEN PINDLING INTL.	MYN N	N	N	N			N
	MARSH HARBOUR/MARSH HARBOUR INTL.	MYAM	RS	NASSAU/LYNDEN PINDLING INTL.	MYN N	N	N	N			N
	NASSAU/LYNDEN PINDLING INTL.	MYNN	RS	NASSAU/LYNDEN PINDLING INTL.	MYN N	Y	N	N			F
	NORTH ELEUTHERA/NORTH ELEUTHERA INTL.	MYEH	RS	NASSAU/LYNDEN PINDLING INTL.	MYN N	N	N	N	T	Y	N
	STELLA MARIS/STELLA MARIS INTL.	MYLS		NASSAU/LYNDEN PINDLING INTL.	MYN N	N	N	N			N
	TREASURE CAY/TREASURE CAY INTL.	MYAT	RS	NASSAU/LYNDEN PINDLING INTL.	MYN N	N	N	N			
	WEST END/WEST END INTL.	MYGW	RNS&A S	WEST END INTL.	MYG W	N	N	N			
Barbados	BRIDGETOWN/GRANTLEY ADAMS INTL.	TBPB	RS	BRIDGETOWN/GRANTLEY ADAMS INTL.	TBPB	Y	N	Y	T	Y	F
Belize	BELIZE/PHILIP S.W. GOLDSON INTL	MZBZ	RS	BELIZE/PHILIP S.W. GOLDSON INTL.	MZBZ	Y	N	N	T	Y	F
Bolivia	COCHABAMBA/AEROPUERTO INTERNACIONAL JORGE WILSTERMANN	SLCB	AS	COCHABAMBA/AEROPUERTO INTERNACIONAL JORGE WILSTERMANN	SLCB	Y	N	Y	T	Y	F
	LA PAZ/AEROPUERTO INTERNACIONAL EL ALTO	SLLP	RS	LA PAZ/AEROPUERTO INTERNACIONAL EL ALTO	SLLP	Y	N	Y	T	Y	F
	TARIJA/AEROPUERTO INTERNACIONAL DE ALTERNATIVA CAP. AV. ORIEL LEA PLAZA	SLTR	RNS&A S	COCHABAMBA/AEROPUERTO INTERNACIONAL JORGE WILSTERMANN	SLCB	Y	N		T	Y	P
	SANTA CRUZ/AEROPUERTO INTERNACIONAL VIRU VIRU	SLVR	RS	SANTA CRUZ/AEROPUERTO INTERNACIONAL VIRU VIRU	SLVR	Y	N	Y	T	Y	F
Brazil	BELEM/VAL DE CANS/JULIO CEZAR RIBEIRO, PA	SBBE	RS	AMAZONICA/FIR	SBAZ	Y	N	Y	T	Y	F
	BELO HORIZONTE/TANCREDO NEVES, MG	SBCF	RS	RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM, RJ	SBGL	Y	N	Y	T	Y	F
	BOA VISTA/ATLAS BRASIL CANTANHEDE, RR	SBBV	RS	AMAZONICA/FIR	SBAZ	Y	N	Y	T	Y	F
	BRASILIA/PRES. JUSCELINO KUBITSCHEK, DF	SBBR	RS	BRASILIA/FIR	SBBS	Y	N	Y	T	Y	F
	CAMPINAS/VIRACOPOS, SP	SBKP	RS	SAO PAULO/GUARULHOS, MONTEIRO, SP	SBGR	Y	N	Y	T	Y	F
	CAMPO GRANDE/CAMPO GRANDE, MS	SBCG	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA	Y	N	Y	T	Y	F
	CORUMBA/CORUMBA, MS	SBCR	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA	Y	N	Y	T	Y	P
	CRUZEIRO DO SUL/CRUZEIRO DO SUL, AC	SBCZ	RS	AMAZONICA/FIR	SBAZ	Y	N	Y	T	Y	P
	CUIABA/MARECHAL RONDON, MT	SBCY	RS	BRASILIA/FIR	SBBS	Y	N	Y	T	Y	F
	CURITIBA/AFONSO PENA, PR	SBCT	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA	Y	N	Y	T	Y	F
	FLORIANOPOLIS/HERCILIO LUZ, SC	SBFL	RS	RECIFE/FIR	SBPA	Y	N	Y	T	Y	F
	FORTALEZA/PINTO MARTINS, CE	SBFZ	RS	RECIFE/FIR	SBRE	Y	N	Y	T	Y	F
	FOZ DO IGUAÇU/CATARATAS, PR	SBFI	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA	Y	N	Y	T	Y	F

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1	2	3	4	5	6	7	8	9	10	11	12
	MACAPA/ALBERTO ALCOLUMBRE, AP	SBMQ	RS	AMÁZONICA/FIR	SBAZ	Y	N	Y	T	Y	F
	MACEIO/ZUMBI DOS PALMARES, AL	SBMO	RS	RCIFE/FIR	SBRE	Y	N	Y	T	Y	F
	MANAUS/EDUARDO GOMES, AM	SBEG	RS	AMAZONICA/FIR	SBAZ	Y	N	Y	T	Y	F
	NATAL/AUGUSTO SEVERO, RN	SBNT	AS	RECIFE/FIR	SBRE	Y	N	Y	T	Y	F
	PONTA PORA/PONTA PORA, MS	SBPP	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA	Y	N	Y	T	Y	P
	PORTO ALEGRE/SALGADO FILHO, RS	SBPA	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA	Y	N	Y	T	Y	F
	RECIFE/GUARARAPES - GILBERTO FREYRE,PE	SBRF	RS	RECIFE/FIR	SBRE	Y	N	Y	T	Y	F
	RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM,RJ	SBGL	RS	RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM, RJ	SBGL	Y	N	Y	X	Y	F
	SALVADOR/DEPUTADO LUIS EDUARDO MAGALHAES, BA	SBSV	RS	RECIFE/FIR	SBRE	Y	N	Y	T	Y	F
	SANTAREM/MAESTRO WILSON FONSECA,PA	SBSN	AS	AMAZONICA/FIR	SBAZ	Y	N	Y	T	Y	F
	SAO LUIS/MARECHAL CUNHA MACHADO MA	SBSL	AS	AMAZONICA/FIR	SBAZ	Y	N	Y	T	Y	F
	SAO PAULO/GUARULHOS-GOVERNADOR ANDRE FRANCO MONTORO, SP	SBGR	RS	SAO PAULO/GUARULHOS,GOVERNADOR ANDRE FRANCO MONTORO, SP	SBGR	Y	N	Y	X	Y	F
	TABATINGA/TABATINGA,AM	SBTT	RS	AMAZONICA/FIR	SBAZ	Y	N	Y	T	Y	P
URUGUAIANA/RUBEM BERTA, RS	SBUG	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA	Y	N	Y	T	Y	P	
British Virgin Islands (United Kingdom)	ROADTOWN/TERRANCE B. LETTSOME INTL.	TUPJ TUPW	RS	V. C. BIRD, ANTIGUA	TJSJ	Y	N	N	T	Y	P
	VIRGIN GORDA I./VIRGIN GORDA INTL.		RS	V. C. BIRD, ANTIGUA	TJSJ	N	N	N	T	Y	N
Cayman Islands (United Kingdom)	CAYMAN BRAC/GERRARD SMITH INTL.	MWCB	RS	GEORGETOWN/OWEN ROBERTS INTL.	MWCR	Y	N	N	T	Y	F
	GEORGETOWN/OWEN ROBERTS INTL.	MWCR	RS	GEORGETOWN/OWEN ROBERTS INTL.	MWCR	Y	N	N	T	Y	P
Chile	ANTOFAGASTA/AP CERRO MORENO	SCFA	AS	ANTOFAGASTA/AP CERRO MORENO	SCFA	Y	N	Y	T	Y	P
	ARICA/AP CHACALLUTA	SCAR	RS	ARICA/AP CHACALLUTA	SCAR	Y	N	N	T	Y	P
	CONCEPCION/AD ALTN CARRIEL SUR	SCIE	RS	CONCEPCION/AD ALTN CARRIEL SUR	SCIE	Y	N	N	T	Y	P
	IQUIQUE/AP DIEGO ARRACENA	SCDA	RS	IQUIQUE/AP DIEGO ARRACENA	SCDA	Y	N	N	T	Y	P
	PUERTO MONTT/AP EL TEPUAL	SCTE	RS	PUERTO MONTT/AP EL TEPUAL	SCTE	Y	N	N	T	Y	F
	PUNTA ARENAS/AP PDTE. CARLOS IBANEZ DEL CAMPO	SCCI	AS	PUNTA ARENAS/AP PDTE. CARLOS IBANEZ DEL CAMPO	SCCI	Y	N	Y	T	Y	F
	SANTIAGO/AP ARTURO MERINO BENITEZ	SCEL	RS	SANTIAGO/AP ARTURO MERINO BENITEZ	SCEL	Y	N	Y	T	Y	F
	ISLA DE PASCUA/AP MATAVERI	SCIP	RS	ISLA DE PASCUA/AP MATAVERI	SCIP	y	N	Y	T	Y	F
Colombia	BARRANQUILLA/ERNESTO CORTISOZ/ATLANTICO	SKBQ	RS	BARRANQUILLA/ERNESTO CORTISOZ/ATLANTICO	SKBQ	Y	N	Y	T	Y	F
	BOGOTA/ELDORADO/DISTRITO CAPITAL	SKBO	RS	BOGOTA/ELDORADO/DISTRITO CAPITAL	SKBO	Y	N	Y	T	Y	F
	CALI/ALFONSO BONILLA ARAGÓN/VALLE	SKCL	RS	CALI/ALFONSO BONILLA ARAGÓN/VALLE	SKCL	Y	N	Y	T	Y	F
	CARTAGENA/RAFAEL NUÑEZ/BOLIVAR	SKCG	RS	CARTAGENA/RAFAEL NUÑEZ/BOLIVAR	SKCG	Y	N	N	T	Y	F
	CUCUTA/CAMILO DAZA/NORTE DE SANTANDER	SKCC	RNS&AS	CUCUTA/CAMILOn DAZA/NORTE DE SANTANDER	SKCC	Y	N	N	T	Y	P
	LETICIA/ALFREDO VÁSQUEZ COBO/AMAZONAS	SKLT	RNS&AS	BOGOTA/ELDORADO/DISTRITO CAPITAL	SKBO	Y	N	Y	T	Y	P
	RIONEGRO/JOSÉ MARÍA	SKRG	RS	RIONEGRO/JOSÉ MARÍA	SKRG	Y	N	N	T	Y	F

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	CÓRDOBA/ANTIOQUIA			CÓRDOBA/ANTIOQUIA							
	SAN ANDRES/GUSTAVO ROJAS PINILLA/SAN ANDRES	SKSP	RS	SAN ANDRES/GUSTAVO ROJAS PINILLA/SAN ANDRES	SKSP	Y	N	N	T	Y	P
Costa Rica	ALAJUELA/JUAN SANTAMARIA INTL.	MROC	RS	ALAJUELA/JUAN SANTAMARIA INTL.	MROC	Y	N	Y	T	Y	F
	LIBERIA/DANIEL ODUBER QUIROS	MRLB	RNS&A	ALAJUELA/JUAN SANTAMARIA INTL.		Y	N	N	T	Y	P
	LIMÓN/LIMON INTL.	MRLM	S	ALAJUELA/JUAN SANTAMARIA INTL.	MROC	Y	N	N	T	Y	P
	PAVAS/TOBIAS BOLANOS INTL	MRPV	RG	ALAJUELA/JUAN SANTAMARIA INTL	MROC	Y	N	N	T	Y	P
Cuba	CAMAGUEY/IGNACIO AGRAMONTE INTL	MUCM		HABANA/JOSE MARTI INTL	MUHA	Y	N	N	T	Y	F
	CAYO COCO/JARDINES DEL REY INTL	MUCC		HABANA/JOSE MARTI INTL	MUHA	Y	N	N	T	Y	P
	CAYO LARGO DEL SUR/VILO ACUNA INTL	MUCL		HABANA/JOSE MARTI INTL	MUHA	Y	N	N	T	Y	F
	HABANA/JOSE MARTI INTL	MUHA		HABANA/JOSE MARTI INTL	MUHA	Y	N	N	T	Y	F
	HOLGUIN/FRANK PAIS INTL CIV/MIL	MUHG		HABANA/JOSE MARTI INTL	MUHA	Y	N	N	T	Y	F
	SANTIAGO DE CUBA/ANTONIO MACEO INTL	MUCU		HABANA/JOSE MARTI INTL	MUHA	Y	N	N	T	Y	F
	VARADERO/JUAN GUALBERTO GOMEZ INTL	MUVR		HABANA/JOSE MARTI INTL	MUHA	Y	N	N	T	Y	F
Curacao	WILLEMSTAD/CURACAO INTL	TNCC	RS	WILLEMSTAD/CURACAO INTL	TNCC	Y	N	N	T	Y	F
Dominica	MARIGOT/MELVILLE HALL INTL.	TDPD	RS	BRIDGETOWN/GRANTLEY ADAMS, BARBADOS INTL.	TBPB	Y	N	Y	T	Y	F
	ROSEAU/CANEFILED INTL	TDPR	RS	BRIDGETOWN/GRANTLEY ADAMS, BARBADOS INTL.	TBPB	N	N	N	N	N	N
Dominican Republic	BARAHONA/APTO. INTERNACIONAL MARIA MONTES	MDBH	RS	SANTO DOMINGO/DE LAS AMERICAS INTL	MDS D	Y	N	Y	T	Y	F
	LA ROMANA/LA ROMANA INTL	MDLR	RS	SANTO DOMINGO/DE LAS AMERICAS INTL	MDS D	Y	N	N	T	Y	F
	PUERTO PLATA/GREGORIO LUPERON INTL	MDPP	RS	SANTO DOMINGO/DE LAS AMERICAS INTL	MDS D	Y	N	N	T	Y	F
	PUNTA CANA/PUNTA CANA INTL	MDPC	RS	SANTO DOMINGO/DE LAS AMERICAS INTL	MDS D	Y	N	N	T	Y	F
	SANTIAGO/CIBAO INTL	MDST	RS	SANTO DOMINGO/DE LAS AMERICAS INTL	MDS D	Y	N	N	T	Y	F
	SANTO DOMINGO/DE LAS AMERICAS INTL	MDSD	RS	SANTO DOMINGO/DE LAS AMERICAS INTL	MDS D	Y	N	Y	T	Y	F
	SAMANA/EL CATEY INTL	MDCY	RS			N	N	N	N	N	N
Ecuador	HIGUERO/DR. JOAQUIN BALAGUER INTL	MDJB	RS			N	N	N	N	N	N
	GUAYAQUIL/JOSE JOAQUIN OLMEDO	SEGU	RS	GUAYAQUIL/JOSE JOAQUIN OLMEDO	SEGU	Y	N	Y	T	Y	F
	LATACUNGA/COTOPAXI	SELT	RNS&A	QUITO/MARISCAL SUCRE	SEQM	Y	N	N	T	Y	F
	MANTA/ELOY ALFARO	SEMT	RS	QUITO/MARISCAL SUCRE	SEQM	Y	N	N	T	Y	F

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El Salvador	QUITO/MARISCAL SUCRE	SEQM	RS	QUITO/MARISCAL SUCRE	SEQM	Y	N	Y	T	Y	F
	SAN SALVADOR/ ILOPANGO INTL	MSSS	RG	SAN SALVADOR/EL SALVADOR INTL	MSLP	Y	N	N	T	Y	P
	SAN SALVADOR/EL SALVADOR INTL	MSLP	RS	SAN SALVADOR/EL SALVADOR INTL	MSLP	Y	N	N	T	Y	F
French Antilles (France)	MARTINIQUE/AIME CESAIRE	TFFF	RS	MARTINIQUE/AIME CESAIRE	TFFF	Y	N	Y	T	Y	F
	POINTE-A-PITRE/LE RAIZET	TFFR	RS	POINTE-A-PITRE, LE RAIZET	TFFR	Y	N	Y	T	Y	F
	SAINT BARTHELEMY/SAINT BARTHELEMY	TFFJ	RS	POINTE-A-PITRE, LE RAIZET	TFFR	Y	N	N	N	N	N
	SAINT MARTIN/GRAND CASE	TFFG	RS	POINTE-A-PITRE, LE RAIZET	TFFR	Y	N	N	N	N	N
French Guiana (France)	CAYENNE/FELIX EBOUE	SOCA	RA	CAYENNE/FELIX EBOUE	SOCA	Y	N	Y	T	Y	F
Grenada	LAURISTON, CARRIACOU I	TGPZ	RS	SAINT GEORGES/MAURICE BISHOP INTL	TGPY	N	N	N	N	N	N
	SAINT GEORGES/MAURICE BISHOP INTL	TGPY	RS	SAINT GEORGES/MAURICE BISHOP INTL	TGPY	Y	N	Y	T	Y	F
Guatemala	GUATEMALA/LA AURORA	MGGT	RS	GUATEMALA/LA AURORA	MGGT	Y	N	Y	T	Y	F
	PUERTO BARRIOS/PUERTO BARRIOS	MGPB	RG&AS	GUATEMALA/LA AURORA	MGGT	Y	N	F	T	Y	F
	SAN JOSE/SAN JOSE	MGSJ	RG&AS	GUATEMALA/LA AURORA	MGGT	Y	N	F	T	Y	F
	SANTA HELENA/MUNDO MAYA INTL	MGMM	RG&AS			N	N	N	N	N	N
Guyana	GEORGETOWN/CHEDDI JAGAN INTL AIRPORTGLE	SYGO	RS	GEORGETOWN/CHEDDI JAGAN INTL AIRPORT	SYGO	Y	N	Y	T	Y	F
	INTERNATIONAL AIRPORT			GEORGETOWN/CHEDDI JAGAN INTL AIRPORT	SYGO	Y	N	Y	T	Y	P
Haiti	CAP HAITEN/CAP HAITEN INTL	MTCH	RS	PORT-AU-PRINCE/POIRT-AU-PRINCE INTL	MTPP	N	N	N	N	N	N
	PORT-AU-PRINCE/POIRT-AU-PRINCE INTL	MTPP	RS	PORT-AU-PRINCE/POIRT-AU-PRINCE INTL	MTPP	Y	N	Y	T	Y	F
Honduras	LA CEIBA/GOLOSON INTL	MHLC	RS	TEGUCIGALPA/TONCONTIN INTL	MHTG	Y	N	N	T	Y	P
	ROATAN/JUAN MANUEL GALVEZ INTL	MHRO	RS	TEGUCIGALPA/TONCONTIN INTL	MHTG	Y	N	N	T	Y	F
	SAN PEDRO SULA/RAMÓN VILLEDA MORALES INTL	MHLM	RS	TEGUCIGALPA/TONCONTIN INTL	MHTG	Y	N	N	T	Y	F
	TEGUCIGALPA/TONCONTIN INTL	MHTG	RS	TEGUCIGALPA/TONCONTIN INTL	MHTG	Y	N	Y	T	Y	F
Jamaica	KINGSTON/NORMAN MANLEY INTL	MKJP	RS	KINGSTON/NORMAN MANLEY INTL	MKJP	Y	N	N	T	Y	F
	MONTEGO BAY/SANGSTER INTL	MKJS	RS	KINGSTON/NORMAN MANLEY INTL	MKJP	Y	N	N	T	Y	F
	OCHO RIOS/IAN FLEMING INTL	MKBS	RG			N	N	N	N	N	N
México	ACAPULCO/GRAL. JUAN N. ALVAREZ INTL	MMAA	RS	MEXICO	MMM X	Y	N	N	T	Y	F
	AGUASCALIENTES/AEROPUERTO JESÚS TERÁN	MMAS	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	BAHIAS DE HUATULCO/BAHIAS DE HUATULCO	MMBT	RNS&AS	MEXICO	MMM X	Y	N	N	T	Y	P
	CABO SAN LUCAS/CABO SAN LUCAS	MMSL	RNS	MEXICO	MMM X	Y	N	N	T	Y	P
	CAMPECHE/ING. ALBERTO ACUÑA ONGAY	MMCP	RG	MEXICO	MMM X	Y	N	N	T	Y	P
	CANCUN/CANCUN INTL	MMUN	RS	MEXICO	MMM	Y	N	N	T	Y	F

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1	2	3	4	5	6	7	8	9	10	11	12
					X						
	CD. JUAREZ/ABRAHAM GONZÁLEZ INTL	MMCS	RG&AS	MEXICO	MMM X	Y	N	N	T	Y	P
	CHETUMAL/CHETUMAL INTL	MMCM	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	CHICHÉN-ITZA/CHICHÉN-ITZA	MMCT	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	CIUDAD DEL CARMEN/CIUDAD DEL CARMEN INTL	MMCE	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	CIUDAD OBREGÓN/CIUDAD OBREGÓN	MMCN	AS	MEXICO	MMM X	Y	N	N	T	Y	P
	CIUDAD VICTORIA/GENERAL PEDRO JOSÉ MENDEZ	MMCV	AS	MEXICO	MMM X	Y	N	N	T	Y	P
	CHIHUAHUA/GENERAL DE DIVISION Y PILOTO AVIADOR ROBERTO FIERRO VILLALOBOS INTL	MMCU	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	COZUMEL/COZUMEL INTL	MMCZ	RS	MEXICO	MMM X	Y	N	N	T	Y	F
	CULIACAN/CULIACAN	MMCL	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	DURANGO/DURANGO	MMDO	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	GUADALAJARA/MIGUEL HIDALGO Y COSTILLA	MMGL	RS	MEXICO	MMM X	Y	N	N	T	Y	F
	GUAYMAS/GRAL. JOSE MARIA YÁÑEZ INTL	MMGM	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	HERMOSILLO/GRAL. I. PESQUEIRA GARCÍA INTL	MMHO	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	IXTAPA-ZIHUATANEJO/IXTAPA-ZIHUATANEJO	MMZH	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	LA PAZ/GRAL. MANUEL MÁRQUEZ DE LEÓN INTL	MMLP	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	LEON/AEROPUERTO INTERNACIONAL DE GUANAJUATO	MMLO	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	LORETO/LORETO INTL	MMLT	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	LOS MOCHIS/DEL VALLE DEL FUERTE	MMLM	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	MANZANILLO/PLAYA DE ORO INTL	MMZO	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	MATAMOROS/GRAL. SERVANDO CANALES	MMMA	RG&AS	MEXICO	MMM X	Y	N	N	T	Y	P
	MAZATLAN/GRAL. RAFAEL BUELNA INTL	MMMZ	RS	MEXICO	MMM X	Y	N	N	T	Y	F
	MÉRIDA/LIC. MANUEL CRESCENCIO REJÓN INTL	MMMD	RS	MEXICO	MMM X	Y	N	N	T	Y	F
	MEXICALI/GRAL. RODOLFO SÁNCHEZ TABOADA INTL	MMML	RG	MEXICO	MMM X	Y	N	N	T	Y	P
	MEXICO/AEROPUERTO INTERNACIONAL BENITO JUÁREZ, CIUDAD DE MÉXICO	MMM X	RS	MEXICO	MMM X	Y	N	Y	T	Y	F
	MINATITLAN/MINATITLAN	MMMT	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	MONCLOVA/VENUSTIANO CARRANZA	MMMV	RS		MMM X	Y	N	N	T	Y	P
	MONTERREY/AEROPUERTO DEL	MMAN	RG&AS	MEXICO	MMM	Y	N	N	T	Y	P

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	NORTE				X						
	MONTERREY/GRAL. MARIANO ESCOBEDO INTL	MMMY	RS	MEXICO	MMM X	Y	N	N	T	Y	F
	MORELIA/GRAL. FRANCISCO J. MUJICA INTL	MMMM	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	NUEVO LAREDO/QUETZALCOATL INTL	MMNL	RG	MEXICO	MMM X	Y	N	N	T	Y	P
	OAXACA/XOXOCOTLÁN	MMOX	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	PIEDRAS NEGRAS/PIEDRAS NEGRAS INTL	MMPG	RG	MEXICO	MMM X	Y	N	N	T	Y	P
	PUEBLA/HERMANOS SERDÁN	MMPB	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	PUERTO ESCONDIDO/PUERTO ESCONDIDO	MMPS	AS	MEXICO	MMM X	Y	N	N	T	Y	P
	PUERTO VALLARTA/LIC. GUSTAVO DIAZ ORDAZ INTL	MMPR	RS	MEXICO	MMM X	Y	N	N	T	Y	F
	QUERÉTARO/INTERCONTINENTL DE QUERÉTARO	MMQT	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	REYNOSA/GRAL. LUCIO BLANCO INTL	MMRX	RG	MEXICO	MMM X	Y	N	N	T	Y	P
	SALTILLO/PLAN DE GUADALUPE	MMIO	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	SAN LUIS POTOSÍ/PONCIANO ARRIAGA	MMSP	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	SAN JOSE DEL CABO/AEROPUERTO INTL LOS CABOS	MMSD	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	TAMPICO/GRAL. FRANCISCO JAVIER MINA INTL	MMTM	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	TAPACHULA/TAPACHULA INTL	MMTP	RNS	MEXICO	MMM X	Y	N	N	T	Y	P
	TIJUANA/GRAL. ABELARDO L. RODRIGUEZ INTL	MMTJ	RS	MEXICO	MMM X	Y	N	N	T	Y	F
	TOLUCA/LIC. ADOLFO LÓPEZ MATEOS	MMTO	RNS	MEXICO	MMM X	Y	N	N	T	Y	F
	TORREON /TORREON INTERNACIONAL	MMTC	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	TUXTLA GUTIERREZ/ANGEL ALBINO CORZO	MMTG	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	VERACRUZ/GRAL. HERIBERTO JARA INTL	MMVR	RS	MEXICO	MMM X	Y	N	N	T	Y	F
	VILLAHERMOSA/C.P.A. CARLOS ROVIROSA INTL	MMVA	RS	MEXICO	MMM X	Y	N	N	T	Y	P
	ZACATECAS/GRAL. LEOBARDO C. RUIZ INTL	MMZC	RS	MEXICO	MMM X	Y	N	N	T	Y	F
Monserrat (United Kingdom)	GERALD'S/JOHN A. OSBORNE INTL	TRPG	RS	V. C. BIRD, ANTIGUA	TRPG	Y	N	N	T	Y	P
Netherlands	KRALENDUK/FLAMINGO, BONAIRE I.	TNCB	RS	Hato Airport, Curacao	TNCC	Y	N	N	T	Y	P
	ORANJESTAD/F. D. ROOSEVELT, SAINT EUSTATIUS I.	TNCE	RS	Hato Airport, Curacao	TNCC	Y	N	N	T	Y	P
Nicaragua	MANAGUA/AUGUSTO CESAR SANDINO INTL	MNMG	RS	MANAGUA/AUGUSTO CESAR SANDINO INTL	MNM G	Y	N	Y	T	Y	F
Panamá	BOCAS DEL TORO/BOCAS DEL TORO	MPBO	RG&AS	PANAMA/TOCUMEN INTL	MPTO	Y	N	N	T	Y	P

State	AOP aerodrome 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
	CHANGUINOLA/CAP. MANUEL NIÑO	MPCH	RG&AS	PANAMA/TOCUMEN INTL	MPTO	Y	N	N	T	Y	P
	DAVID/ENRIQUE MALEK	MPDA	RS	PANAMA/TOCUMEN INTL	MPTO	Y	N	N	T	Y	P
	PANAMA/MARCOS A. GELABERT	MPMG	RNS&AS	PANAMA/TOCUMEN INTL	MPTO	Y	N	Y	T	Y	P
	PANAMA/TOCUMEN INTL	MPTO	RS	PANAMA/TOCUMEN INTL	MPTO	Y	N	Y	T	Y	F
Paraguay	LUQUE/SILVIO PETTIROSSI INTL	SGAS	RS	LUQUE/SILVIO PETTIROSSI INTL	SGAS	Y	N	N	T	Y	F
	MINGA GUAZÚ/GUARANI INTL	SGES	RS	LUQUE/SILVIO PETTIROSSI INTL	SGAS	Y	N	N	T	Y	F
Perú	AREQUIPA/INTL. ALFREDO RODRIGUEZ BALLON	SPQU		AREQUIPA/INTL. ALFREDO RODRIGUEZ BALLON	SPQU	Y	N	Y	T	Y	F
	CHICLAYO/INTL. CAPITAN JOSE ABELARDO QUINONES GONZALES, GRAN GENERAL DEL AIRE DEL PERU	SPHI	AS	LIMA-CALLAO/INTL. JORGE CHAVEZ	SPIM	Y	N	Y	T	Y	F
	CUSCO/INTL. TENIENTE FAP ALEJANDRO VELAZCO ASTETE	SPZO	AS	CUSCO/INTL. TENIENTE FAP ALEJANDRO VELAZCO ASTETE	SPZO	Y	N	Y	T	Y	F
	IQUITOS/INTL. CORONEL FAP FRANCISCO SECADA VIGNETTA	SPQT	RS	IQUITOS/INTL. CORONEL FAP FRANCISCO SECADA VIGNETTA	SPQT	Y	N	Y	T	Y	F
	LIMA-CALLAO/INTL. JORGE CHAVEZ	SPIM	RS	LIMA-CALLAO/INTL. JORGE CHAVEZ	SPIM	Y	N	N	T	Y	F
	PISCO/INTL. PISCO		AS	LIMA-CALLAO/INTL. JORGE CHAVEZ	SPIM	Y	N	N	T	Y	F
	TACNA/INTL. CORONEL FAP CARLOS CIRIANI SANTA ROSA	SPTN	RG	LIMA-CALLAO/INTL. JORGE CHAVEZ	SPIM	Y	N	N	T	Y	F
	TRUJILLO/INTL. CAPITAN CARLOS MARTINEZ DE PINILLOS	SPRU	AS	LIMA-CALLAO/INTL. JORGE CHAVEZ	SPIM	Y	N	N	T	Y	F
Puerto Rico	AGUADILLA/RAFAEL HERNANDEZ INTL.	TJBQ	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWB C	Y	N	N	T	Y	P
	FAJARDO/DIEGO JIMENEZ TORRES	TJFA	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWB C	N	N	N	N	N	N
	PONCE/PONCE-MERCEDITA	TJPS	AS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWB C	Y	N	Y	T	Y	F
	SAN JUAN/LUIS MUNOZ MARIN INTL	TJSJ	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWB C	Y	N	Y	T	Y	F
	VIEQUES/ANTONIO RIVERA	TJVQ	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWB C	N	N	N	N	N	N
Saint Kitts and Nevis	BASSETTERRE/ROBERT BRADSHAW, SAINT KITTS I.	TKPK	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWB C	Y	N	N	T	Y	P
	CHARLESTOWN/VANCE WINKWORTH AMORY	TKPN	RS	SAINT JOHNS/ V.C. BIRD INTERNATIONAL AIRPORT	TAPA	Y	N	N	T	Y	P
Saint Lucia	CASTRIES/GEORGE F. L. CHARLES	TLPC	RS	VIEUX-FORT/HEWANORRA INTL VIEUX-FORT/HEWANORRA INTL	TLPL	Y	N	N	T	Y	P
	VIEUX-FORT/HEWANORRA INTL	TLPL	RS	VIEUX-FORT/HEWANORRA INTL VIEUX-FORT/HEWANORRA INTL	TLPL	Y	N	N	T	Y	F
Saint Maarten	PHILIPSBURGH/PRINCESS JULIANA, ST. MAARTEN I	TNCM	RS								
Saint Vincent and the Grenadines	CANOUAN/CANOUAN	TVSC	RS			N	N	N	N	N	N
	KINGSTOWN/E.T. JOSHUA	TVSV	RS	BRIDGETOWN/GRANTLEY ADAMS, BARBADOS INTL.	TBPB	Y	N	N	T	Y	P
	BEQUIA/J.F. MITCHELL	TVSB	RS			N	N	N	N	N	N
	MUSTIQUE/MUSTIQUE	TVSM	RNS			N	N	N	N	N	N
	UNION ISLAND/UNION ISLAND	TVSU	RS			N	N	N	N	N	N
Suriname	ZANDERY/JOHAN ADOLF PENGEL INTL	SMJP	RS	ZANDERY/JOHAN ADOLF PENGEL INTL	SMJP	Y	N	N	T	Y	F

State	AOP aerodrome 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
	PARAMARIBO/ZORG EN HOOP	SMZO	RG	ZANDERY/JOHAN ADOLF PENGEL INTL	SMJP	Y	N	N	T	Y	P
Trinidad and Tobago	SCARBOROUGH/CROWN POINT, TOBAGO I.	TTCP	RS	PORT OF SPAIN/PIARCO INTL., TRINIDAD I.	TTTP	Y	N	N	T	Y	F
	PORT OF SPAIN/PIARCO INTL., TRINIDAD I.	TTTP	RS	PORT OF SPAIN/PIARCO INTL., TRINIDAD I.	TTTP	Y	N	N	T	Y	F
Turks and Caicos Islands (United Kingdom)	GRAND TURK/JAGS MACCARTNEY INTL. AIRPORT	MBGT	RS	LYNDEN PINDLING INTERNATIONAL	MYN N	Y	N	N	T	Y	P
	PROVIDENCIALES/PROVIDENCIALES INTL	MBPV	RS	LYNDEN PINDLING INTERNATIONAL	MYN N	Y	N	N	T	Y	P
	SOUTH CAICOS/SOUTH CAICOS INTL	MBSC	RS	LYNDEN PINDLING INTERNATIONAL	MYN N	Y	N	N	T	Y	P
Uruguay	MALDONADO/INTL C/C CARLOS A. CURBELO "LAGUNA DEL SAUCE"	SULS	RS	MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUM U	Y	N	N	T	Y	F
	MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU	RS	MONTEVIDEO/INTL DE CARRASCO "GRAL. CESAREO L. BERISSO"	SUM U	Y	N	Y	T	Y	F
Venezuela	BARCELONA/GRAL. JOSÉ ANTONIO ANZOATEGUI INTL	SVBC	RNS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA.	SVMI	Y	N	N	T	Y	F
	CARACAS/SIMON BOLIVAR INTL MAIQUETIA.	SVMI	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA.	SVMI	Y	N	Y	T	Y	F
	MARACAIBO/LA CHINITA INTL	SVMC	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA.	SVMI	Y	N	N	T	Y	F
	MARGARITA/INTL DEL CARIBE GRAL. SNATIAGO MARINO	SVMG	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA.	SVMI	Y	N	N	T	Y	F
	PARAGUANA/JOSEFA CAMEJO INTL	SVJC	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA.	SVMI	Y	N	N	T	Y	P
	SAN ANTONIO DEL TACHIRA/SAN ANTONIO DEL TACHIRA INTL	SVSA	RS	CARACAS/SIMON BOLIVAR INTL MAIQUETIA.	SVMI	Y	N	N	T	Y	P
	VALENCIA/ZIM VALENCIA INTL	SVVA	RS	VALENCIA, CARABOBO	SVVA	Y	N	N	T	Y	P
Virgin Islands (United States)	SAINT THOMAS/CYRIL E. KING	TIST	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWB C	Y	N	N	T	Y	F
	CHRISTIANSTED/HENRY ROHLSSEN, ST. CROIX	TISX	RS	WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWB C	Y	N	N	T	Y	F

APPENDIX B

**GUIDE FOR THE PREPARATION AND TRANSMISSION
OF OPMET INFORMATION IN THE
CAR/SAM REGIONS**

INTERNATIONAL CIVIL AVIATION ORGANIZATION

SOUTH AMERICAN OFFICE

GUIDE

FOR THE PREPARATION AND TRANSMISSION

OF OPMET INFORMATION

IN THE CAR/SAM REGIONS



FIRST EDITION

SEPTEMBER 2010

INTERNATIONAL CIVIL AVIATION ORGANIZATION

SOUTH AMERICAN OFFICE

GUIDE

FOR THE PREPARATION AND TRANSMISSION

OF OPMET INFORMATION IN THE

CAR/SAM REGIONS

FIRST EDITION

(SEPTEMBER 2010)

The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitations of its frontiers or boundaries

RECORD OF AMENDMENTS AND CORRIGENDA

Amendment				Corrigenda			
No.	Detail	Entered by	Date	No.	Detail	Entered by	Date
1				1			
2				2			
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GUIDE FOR THE PREPARATION AND TRANSMISSION OF OPMET INFORMATION IN THE CAR/SAM REGIONS

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- D.** REGIONAL EXCHANGE OF OPERATIONAL METEOROLOGICAL INFORMATION WITHIN THE CAR/SAM REGIONS
- E.** INTERNATIONAL TRANSMISSION OF OPMET MESSAGES (METAR/SPECI AND TAF) IN THE STATES/TERRITORIES OF THE CAR/SAM REGIONS BASED ON APPENDIX D ATTACHMENT TO APPENDIX E – AFTN ADDRESSES FOR THE EXCHANGE OF OPMET DATA
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Glossary of Abbreviations

ACC.....	Area Control Centre
AFS	Aeronautical fixed service
AFTN	Aeronautical fixed telecommunications network
AIREP	Air-report
AMD	Amended (for TAF)
AMHS	ATS Message Handling System
AMO	Aerodrome meteorological office
AMS	Aeronautical meteorological station
ANP	Air Navigation Plans
AOP	Aerodrome Operations
ARS	Special Air-report indicator
ATS	Air traffic services
BUFR	Binary Universal Formats to Represent
CAR.....	Central America and Caribbean Region
COM	Communications
CTA	Control area
FASID	Facilities and services implementation document
FIR	Flight information region
GREPECAS	CAR/SAM Regional Planning and Implementation Group
HF	High frequencies
ICD	Interface control document
ISCS	International satellite communication system
MWO	Meteorological watch office
OPMET	Operational meteorological
PIRG.....	Planning and implementation regional group
SADIS	Satellite distribution systems
SAM.....	South American Region
TC	Tropical cyclone
TCA	Tropical cyclone advisory
TCAC	Tropical cyclone advisory centre
VA	Volcanic ash
VAA	Volcanic ash advisory
VAAC	Volcanic ash advisory centre
WAFC	World area forecast centre
WAFS.....	World area forecast system
WMO	World Meteorological Organization

PART 1 INTRODUCTION

1.1 General

1.1.1 The main objective of this document is to provide guidelines for the standardization and harmonization of the procedures related with the preparation and transmission of meteorological information for air operations (OPMET) in CAR/SAM States. The OPMET Guide complements the standards and recommended practices of *Annex 3 – Meteorological Service for International Air Navigation, Parts I and II of the CAR/SAM Air Navigation Plan – ANP Volume I, Basic and Volume II, FASID, Doc 8733, Part VI – Meteorology (MET)*, related with OPMET information, in order to comply with the requirements of the users of this information.

1.1.2 The above mentioned objective will be reached with the implementation of the procedures established by ICAO and the effective functionality of the communications circuits of the AFTN Network and the Internet in the States of the CAR/SAM Regions.

1.1.3 This Guide will assist CAR/SAM States in the exchange of OPMET information based on international operational requirements. ICAO documents that contain standards for the exchange of OPMET information are the following:

- a) *Annex 3 – Meteorological Service for International Air Navigation;*
- b) *ANP CAR/SAM: Vol I, Basic and Vol II, FASID, Part VI – MET.*

1.1.4 This document has been prepared by the ICAO SAM Regional Office, in compliance with GREPECAS Conclusion 13/28, taking into consideration the seventeenth edition of Annex 3, published in July 2010, which includes amendment 75 to the referred Annex, and the valid CAR/SAM ANP, Volume I, Basic and Volume II, FASID.

1.1.5 For the preparation of the current Guide, relevant information and tables have been extracted from ICAO documents to facilitate consultations for OPMET information exchange, with the assurance that this Guide will be regularly revised and updated in order to harmonize regional procedures and requirements contained in relevant ICAO documents.

1.2 Communications

1.2.1 Telecommunications facilities used in the exchange of operational meteorological information should be:

- a) the AFTN network of the Aeronautical Fixed Service (AFS), in accordance with List No. 6 – *AFTN Routing Directory for CAR and SAM Regions*. The rationalized AFTN plan for CAR/SAM Regions (Chart CNS 1 of FASID CAR/SAM) includes the chart with the current AFTN scheme of these two regions, which is reproduced in this Guide as **Appendix A**; or
- b) in case of the exchange of meteorological information for non-time critical operations, the public Internet, subject to the availability, satisfactory operation and to bilateral/multilateral and/or regional air navigation agreements.

Note.- Guidance on meteorological information for non-time critical operations and pertinent aspects of the Public Internet are provided in the manual *Guidelines on the Use of Public Internet for Aeronautical Applications* (Doc 9855).

1.2.2 Time-critical meteorological messages

1.2.2.1 The meteorological information listed in 1.2.1, when provided via the Internet, should not be relied upon for time-critical operational decisions, either in flight or immediately prior to departure, in which case it should be distributed via the aeronautical fixed service (AFS) because its characteristics will ensure that such messages are received in a timely manner.

1.2.2.2 According to Annex 10 — *Aeronautical Telecommunications*, Volume II, information or products that contain aeronautical meteorological information are classified under one of two categories, “flight safety messages” or “meteorological messages”. Flight safety messages related to aeronautical meteorology, which can be regarded as time-critical in the above context, include:

- a) SIGMET information;
- b) special air-reports (AIREP);
- c) AIRMET messages¹;
- d) volcanic ash advisories;
- e) tropical cyclone advisories; and
- f) amended aerodrome forecasts (TAF).

¹ N/A for CAR/SAM Regions

PART 2 OPMET INFORMATION

2.1 OPMET information requirements (METAR, SPECI and TAF)

2.1.1 Meteorological services to be provided in order to meet the requirements of international flight operations are shown in CAR/SAM FASID Table MET 1A, which is included as **Appendix B**.

2.1.2 CAR/SAM FASID Table MET 2A, presented in **Appendix C**, includes the requirements for the global availability of METAR, SPECI and TAF, through the AFS satellite distribution system (ISCS and SADIS) and distribution systems based in the Internet. Exchange requirements between CAR/SAM States are presented in **Appendix D**.

2.1.3 **Appendix E** presents a table with the AFTN² addresses to which each State of the CAR/SAM Regions shall transmit METAR, SPECI and TAF based on the requirements of CAR/SAM FASID Table MET 2A and on regional requirements.

2.2 Routine and special reports prepared and transmitted by aeronautical meteorological stations

2.2.1 Reports of routine and special observations shall be made at every aeronautical meteorological station of the aerodromes included in CAR/SAM FASID Table MET 1A and, as necessary, issued as:

- a) local routine reports (**MET REPORT**), only for dissemination at the aerodrome of origin;
- b) hourly routine reports (**METAR**), for dissemination to other aerodromes beyond the aerodrome of origin; at aerodromes that are not operational throughout 24 hours METAR shall be issued at least one hour prior to the aerodrome resuming operations;
- c) local special reports (**SPECIAL**), only for dissemination at the aerodrome of origin;
- d) special reports (**SPECI**), for dissemination to other aerodromes beyond the aerodrome of origin.

2.3 Forecasts prepared and transmitted by the aerodrome meteorological office

2.3.1 The following forecasts shall be prepared and transmitted at every meteorological office of the aerodromes included in CAR/SAM FASID Tables MET 1A:

- a) aerodrome forecasts (TAF) with a validity period of 24 and 30 hours (only Rio de Janeiro, SBGL and Sao Paulo, SBGR) and at intervals of six hours (00, 06, 12, 18 UTC), which shall include maximum and minimum forecasted temperatures together with their time of occurrence and shall be transmitted approximately two hours prior to the beginning of the period of validity;
- b) as required, amended aerodrome forecasts (TAF AMD);

² AFTN addresses of CAR/SAM States are included in the Attachment to Appendix E.

- c) as required, corrections to aerodrome forecasts (TAF COR); and
- d) trend forecasts (TREND), for a validity period of 2 hours, each hour to attach to METAR/SPECI, considering the requirements of column 6 of CAR/SAM FASID Table MET 1A.
- e) as agreed with the operator involved, aerodrome forecasts for take-off; and
- f) as agreed with the operator involved, amendment to aerodrome forecasts for take-off.

2.4 **Responsibilities of MET authorities**

2.4.1 The responsibility of MET authorities with regard to OPMET information METAR, SPECI and TAF, besides those established in ICAO procedures, is to propose amendments to the following CAR/SAM FASID MET Tables, in accordance with the operational requirements and amendments to CAR/SAM FASID Table AOP:

- Table MET 1A – Meteorological service required at aerodromes; and
- Table MET 2A – OPMET information (METAR, SPECI and TAF) required in ISCS and SADIS.

PART 3 TRANSMISSION OF OPMET INFORMATION

3.1 Transmission of OPMET information through the AFTN

3.1.1 OPMET information in alphanumeric form is transmitted on the AFTN (and on most other networks) in the form of “bulletins”, each bulletin containing one or more METAR, TAF or other types of information (but always only one type per bulletin), besides the appropriate bulletin heading. The WMO abbreviated heading is essential to permit recognition by users and handlers, including computers, of time and origin of the information contained in the bulletin. It should not be confused with the “AFTN message heading” which determines priority, routing and other telecommunication aspects of the message. All meteorological bulletins transmitted via the AFTN have to be “encapsulated” into the text part of the AFTN message format.

3.1.2 The meteorological bulletin abbreviated heading consists of a single line, precedes the OPMET information contained in the bulletin, and normally comprises three groups as follows:

- a) an identifier;
- b) and ICAO location indicator;
- c) a date-time group; and
- d) if required, a fourth group can be added as an identifier for a delayed, corrected or amended bulletin.

3.2 Heading of OPMET Information

3.2.1 In accordance with the standardized AFTN procedures (Annex 10, Volume II), the start-of-message signal “**ZCZC**” shall always be included.

3.2.2 In the second line, the message Priority Indicator “**GG**” or “**FF**” shall be included, followed by the AFTN addressees of the national and international message, the latter, based on the Table for OPMET exchange (Appendix E).

3.2.3 In the following line, the date of the month and the time of transmission of OPMET information, followed by the AFTN address of the station or centre that prepared the bulletin with OPMET information shall be included.

Example
ZCZC GG SBBRYZYX 142200 SPIMYMYX
Message to be circulated through the AFTN with priority GG sent to the Brasilia International OPMET databank (AFTN: SBBRYZYX) transmitted the day 14 at 2200 UTC by the meteorological office of Lima (AFTN: SPIMYMYX)

3.2.4 The following line corresponds to the abbreviated heading of the bulletin, which as mentioned before, consists of the following groups:

T₁T₂A₁A₂ii CCCC YYGGgg [AAx]/[CCx]/[RRx]

3.2.5 The group **T₁T₂A₁A₂ii** is the identifier of the bulletin for OPMET Information, constructed as follows:

T ₁ T ₂ A ₁ A ₂ ii			
T ₁ T ₂	Message type designator	SA	METAR including trend forecasts based on Table MET 1A (issued by the AMS)
		SP	SPECI including trend forecast based on Table MET 1A (issued by the AMS)
		FT	TAF valid for 12 hours or more (issued by AMO)
		FC	TAF valid for less than 12 hours (issued by AMO)
		WA	AIRMET Information (no requirements for CAR/SAM Regions)
		WS	SIGMET Information (issued by MWO)
		WV	SIGMET Information for volcanic ash (issued by MWO)
		WC	SIGMET Information for tropical cyclones (issued by MWO)
		FK	Tropical cyclone advisory MESSAGE (issued by TCAC Miami)
		FV	Volcanic ash advisory message (issued by VAAC Buenos Aires and Washington)
		UA	Air-reports (AIREP)
		FA	GAMET Forecasts (no requirements for CAR/SAM Regions)
A ₁ A ₂	State or Territory designator	Assigned in accordance with Table C1, Part II of Manual on the Global Telecommunication System, Vol. I – Global Aspects (WMO – No. 386)	
ii	According to paragraph 2.3.2.2, Part II of Manual on the Global Telecommunication System, Vol. I – Global Aspects (WMO – No. 386), used to indicate if the message is distributed on a global, interregional, regional or national basis.		

CCCC is the ICAO location indicator of the AMS, AMO or MWO that prepared the report or compiled the bulletin and that transmits the message

YYGGgg	
YY	YYGGgg corresponds to the date/time group of preparation of the message, where YY is the day and GGgg the hour (GG) and minutes (gg) UTC.
GGgg	<ul style="list-style-type: none"> - for aerodrome reports and selected special reports, the time of observation in UTC; - for aerodrome forecasts, the complete time in UTC (the last two numbers are always 00) which precedes the time of transmission; for other forecasts, the normal time of observation in UTC in which the forecast is based; - for other meteorological messages, such as SIGMET and AIREP information, the time of writing the text in UTC.

[AAx]/[CCx]/[RRx]	
AAx	Shall be used only when sending an amendment an OPMET information, which has already been transmitted; the third letter “x” takes the value A for the first amendment, B for the second amendment, etc.
CCx	Shall be used only when sending a correction to an OPMET information, which has already been transmitted; the third letter “x” takes the value A for the first correction, B for the second correction, etc.
RRx	Shall be used only when sending a delayed OPMET information; the third letter “x” takes the value A for the first delayed OPMET information, B for the second delayed OPMET information, etc.

Example
ZCZC GG SBBRYZYX 271600 SGZZMAMX FTPR01 SPIM 271600
Message to be circulated through the AFTN with priority GG sent to the Brasilia International OPMET databank (AFTN: SBBRYZYX) transmitted the day 27 at 1600 UTC by the meteorological office of Lima (AFTN: SPIMYMYX) TAF from Peru for global distribution prepared by the AMO of Lima the day 27 at 1600 UTC

3.2.6 Afterwards, and as an AFTN standardized procedure (Annex 10, Volume II), to indicate the ending of the message the following shall be inserted:

- at the end of the text, the equal sign “=” to indicate the end of OPMET information; and
- in a separate line to indicate the end of the message, the end of message signal represented by letters NNNN , shall be included.

Example
ZCZC GG SBBRYZYX 271600 SPIMYMYX FTPR01 SPIM 271600 TAF SPIM 271531Z 2718/2818 29008KT 6000 OVC007 TX20/2719Z TN17/2811Z BECMG 2723/2801 26005KT 4000 BR SCT004 OVC007 PROB40 2801/2804 27003KT 1200 BR OVC002 BECMG 2806/2808 VRB02KT 3500 BR SCT003 OVC004 PROB30 2810/2813 00000KT 0800 FG OVC002 BECMG 2814/2816 24008KT 5000 BR OVC007= NNNN
Message to be circulated through the AFTN with priority GG sent to the Brasilia International OPMET databank (AFTN: SBBRYZYX) transmitted the day 27 at 1600 UTC by the AMO of Lima (AFTN: SPIMYMYX) TAF from Peru for global distribution prepared by the AMO of Lima the day 27 at 1600 UTC*

* The TAF decoding is shown hereunder:

FTPR01 SPIM 271600

TAF SPIM 271531Z 2718/2818 29008KT 6000 OVC007 TX20/2719Z TN17/2811Z BECMG 2723/2801 26005KT 4000 BR SCT004 OVC007 PROB40 2801/2804 27003KT 1200 BR OVC002 BECMG 2806/2808 VRB02KT 3500 BR SCT003 OVC004 PROB30 2810/2813 00000KT 0800 FG OVC002 BECMG 2814/2816 24008KT 5000 BR OVC007=

FTPR01	Message heading
SPIM	Communications centre Lima-Peru
271600	Day and hour UTC of the message transmission, day 27 at 1600 UTC
TAF	Aerodrome forecast in TAF code
SPIM	South America, Peru, Lima Airport
271531Z	Day and hour of TAF preparation, day 27 at 1531 UTC
2718/2818	Period of Validity, from 18 UTC of day 27 until 18 UTC of day 28
29008KT	Wind forecast 290° 08 knots
6000	Forecast of horizontal visibility, 6000 meters
OVC007	Cloud forecast, overcast sky 8/8 at an altitude of 700 feet or 210 meters

TX20/2719Z	Maximum temperature forecast of the period considered (validity), 20°C at 19 UTC of day 27
TN17/2811Z	Minimum temperature forecast of the period considered (validity), 17°C at 11 UTC of day 28
BECMG	Becoming
2723/2801	Day 27 from 23 UTC until day 28 at 01 ITC
26005KT	Wind forecast 260° Speed 5 knots
4000	Visibility forecast 4000 meters
BR	Weather phenomenon forecast, Fog
SCT004	Cloud forecast, overcast sky 8/8 at an altitude of 700 feet or 210 meters
OVC007	Cloud forecast, overcast sky 8/8 at an altitude of 700 feet or 210 meters
PROB40	Probability of occurrence of 40 %
2801/2804	Between 01 and 04 UTC of day 28
27003KT	Wind forecast, 270° speed 3 knots
1200	Horizontal visibility forecast, 1200 meters
BR	Weather phenomenon forecast, Fog
OVC002	Cloud forecast, overcast sky 8/8 at an altitude of 200 feet or 60 meters
BECMG	Becoming
2806/2808	From 06 to 08 UTC of day 28
VRB02KT	Wind forecast, variable direction, speed 2 knots
3500	Horizontal visibility forecast, 3500 meters
BR	Weather phenomenon forecast, Fog
SCT003	Cloud forecast, broken cloud at an altitude of 300 feet or 90 meters
OVC004	Cloud forecast, overcast sky 8/8 at an altitude of 400 feet or 120 meters
PROB30	Probability of occurrence of 30 %
2810/2813	Between 10 and 13 UTC of day 28
00000KT	Wind forecast, Calm
0800	Horizontal visibility forecast, 800 meters
FG	Weather phenomenon forecast, Fog
OVC002	Cloud forecast, overcast sky 8/8 at an altitude of 700 feet or 210 meters
BECMG	Becoming
2814/2816	From 14 to 16 UTC of day 28
24008KT	Wind forecast, 240° speed 8 knots
5000	Horizontal visibility forecast, 5000 meters
BR	Weather phenomenon forecast, Fog
OVC007=	Cloud forecast, overcast sky 8/8 at an altitude of 700 feet or 210 meters

3.2.7 Messages containing meteorological information should be filed promptly for transmission on the AFTN in good time. METAR and SPECI are normally filed within five minutes of the time of the observation, and TAF at least two hours before the commencement of their validity, in accordance with CAR/SAM ANP Basic, paragraph 8.

3.2.8 The time interval between the time of filing to the time of receipt of a message is called “transit” time. Messages containing OPMET information transmitted on the AFTN should normally have transit times of less than five minutes, except for METAR, SPECI and TAF exchanged over distances exceeding 900 km which may have transit times of up to ten minutes.

3.3 Dissemination of OPMET information on ICAO AFS satellite broadcasts

3.3.1 Telecommunications facilities used in the exchange of meteorological information for operations should be of the aeronautical fixed service or, in case of exchange of meteorological information for non-time critical operations, of the public Internet, subject to availability, satisfactory operation and to bilateral/multilateral and/or regional air navigation agreements.

Note 1.- In support to the global exchange of meteorological information for operations, three satellite distribution systems of the aeronautical fixed service are used to provide global coverage.

3.3.2 WAFS forecasts are disseminated through three ICAO AFS satellite broadcasts, directly from WAFCs to the meteorological offices. A global set of OPMET information is also included in these satellite broadcasts.

3.3.3 The Brasilia and Washington International OPMET data banks have been designated by regional air navigation agreement to serve the States of the CAR/SAM Regions to obtain the required OPMET information, which, due to temporary failures in communications channels, is not received.

3.3.4 In case of AFTN failures, the data can be sent through the Internet to the Brasilia and Washing International OPMET data banks, as follows:

Data transmission to the Brasilia International OPMET Data Bank

3.3.5 In order to send the data to the Brasilia International OPMET Data Bank it is necessary that the States make a request for registration with the name and password of the user to the e-mail: redemet@decea.gov.br. Once the password is received, the files can be downloaded for data transmission through the access to www.redemet.aer.mil.br website.

Data transmission to the Washington International OPMET Data Bank

3.3.6 In order to send the data to the Washington International OPMET Data Bank the E-mail Data Input System (EDIS) of the United States' National Weather Service is used, through the following procedure:

- a) request authorization to use EDIS to: MR. PATRICK GILLIS, Program Leader, International Satellite Communications Service NOAA/NWS/United States, Patrick.Gillis@noaa.gov. The request could be in Spanish or English;
- b) complete and return the request form (see example in **Appendix G**) including, inter-alia, the e-mail **from** which the OPMET data will be sent;
- c) in the approval, the e-mail address to which the data is to be sent will be indicated, as well as the instructions;
- d) data is sent with WMO heading only, since the addresses of the different addressees are not included, the OPMET data transmitted will be included in global ISCS and SADIS broadcasts.

PART 4 EXCHANGE OF OPMET INFORMATION (METAR, SPECI and TAF)

4.1 Exchange of OPMET information OPMET (METAR, SPECI and TAF) on a national basis

4.1.1 On a national basis, the aeronautical meteorological services should take measures to transmit OPMET information to every aerodrome meteorological office that so require to be used in briefings and, as necessary, for its inclusion in flight documentation. In addition, coordination with air traffic services and aeronautical information services should be made in order to include in the distribution list, on a national basis, all the recipients deemed necessary to comply with the task of providing safety to air operations.

4.1.2 The aeronautical information required by ATS units and provided by their associated meteorological offices includes nearly all types of aeronautical meteorological information. **Appendix H** presents an extract of Table 3-1 – *Aeronautical meteorological information supplied to ATS units of Doc 9377 – Manual on coordination between Air Traffic Services, Aeronautical Information Services and Aeronautical Meteorological services*, including a summary of the types of information most frequently supplied to ATS units and to air-ground control radio stations (if established to serve associated FICs/ACCs), the meteorological units responsible for providing the information, the frequency with which it is usually provided and the communications means normally used for this purpose.

4.1.3 In view of the importance of the meteorological information supplied to ATS units for the safety and efficiency of aviation, it is essential that the information be always up to date, accurate and provided in a timely manner. Of particular importance in this connection is information on significant changes in the meteorological conditions. Such changes include not only changes requiring the issuance of SPECI but may also include, as agreed, changes in wind, temperature, pressure and other elements that may require ATS units to take action (e.g. change of runway-in-use).

4.1.4 These coordinations shall be in accordance with Chapter 10 – *Information for air traffic services, search and rescue services and aeronautical information services* of Annex 3 and with the *Manual on Coordination between Air Traffic Services, Aeronautical Information Services and Aeronautical Meteorological Services* Doc 9377 AN/915.

4.1.5 OPMET information shall be transmitted to every aerodrome meteorological office in order to be provided to aircraft prior to departure and to all en-route aircraft. In case of non-stop flights with extremely long routes, OPMET information shall be provided at the departure aerodrome for the whole of the route foreseen.

4.2 Exchange of OPMET information (METAR, SPECI and TAF) on a regional basis

4.2.1 The global exchange of OPMET information should be strictly based on CAR/SAM FASID Table MET 2A and the regional exchange of OPMET information should be based on Appendix D.

4.2.2 **Appendix I** includes the list of Points of Contact who are in charge of OPMET control in the States of the CAR/SAM Regions, and **Appendix J** presents a list of websites of the States where meteorological information can also be found.

PART 5 INTERNATIONAL OPMET DATABANKS

5.1 In accordance with paragraph 23 of CAR/SAM ANP Basic, Part VI, Meteorology (MET), *“the International OPMET databanks in Brasilia and Washington have been designated to serve States in the CAR/SAM Regions to access OPMET information”*.

5.2 The Catalogue of OPMET data available in the Brasilia International OPMET databank was prepared and published by the ICAO South American (SAM) Regional Office, in compliance with Recommendation 5/10 – “Catalogue of OPMET information in the CAR/SAM International OPMET databanks” formulated by the Regional COM/MET Air Navigation Limited Meeting, (Montreal 1-14 November 2983).

5.3 The objective of this catalogue is to provide guidance to aeronautical meteorological services of the SAM Region and neighboring Regions on the procedures to send and receive OPMET information from the referred bank. The Fourth Edition of this catalogue was published in June 2010.

5.4 The response time for the requests sent to the databanks should be less than 15 minutes. AFTN messages containing requests for the databanks and responses from same should achieve transit times of less than five minutes.

5.5 The “Catalogue of International OPMET data available in the Brasilia Databank” and the “Catalogue of international OPMET data available in the Washington, D. C. databank”, published by ICAO SAM and NACC Regional Offices, respectively, contain the list of OPMET information available in the international OPMET databanks designated to provide service to the CAR/SAM Regions, as well as the procedures that should be applied to request OPMET information to such databanks.

5.6 It is important to highlight the responsibility of the aeronautical meteorological services to send on a daily basis to the Brasilia and Washington international OPMET data banks their METAR, SPECI and TAF exchange reports, in case of an aeronautical meteorological office, to the AFTN addresses **SBBRYZYX** and **KWBCYMYX**, respectively, or in case of failures in the circuits, through the Internet, as well as their SIGMET WS, WC, WV and special air-reports (AIREPs) in case of a meteorological watch office. These actions shall permit a constant availability of OPMET information in the memory of the referred banks, for the benefit of all users.

PART 6 OPMET EXCHANGE CONTROLS

6.1 OPMET exchange controls (METAR, SPECI and TAF)

6.1.1 In compliance with the procedures established in SAM implementation meetings, OPMET exchange controls have been carried out in the SAM Region since 1986 and since 1996, the controls are carried out in the CAR/SAM Regions, in compliance with GREPECAS conclusions.

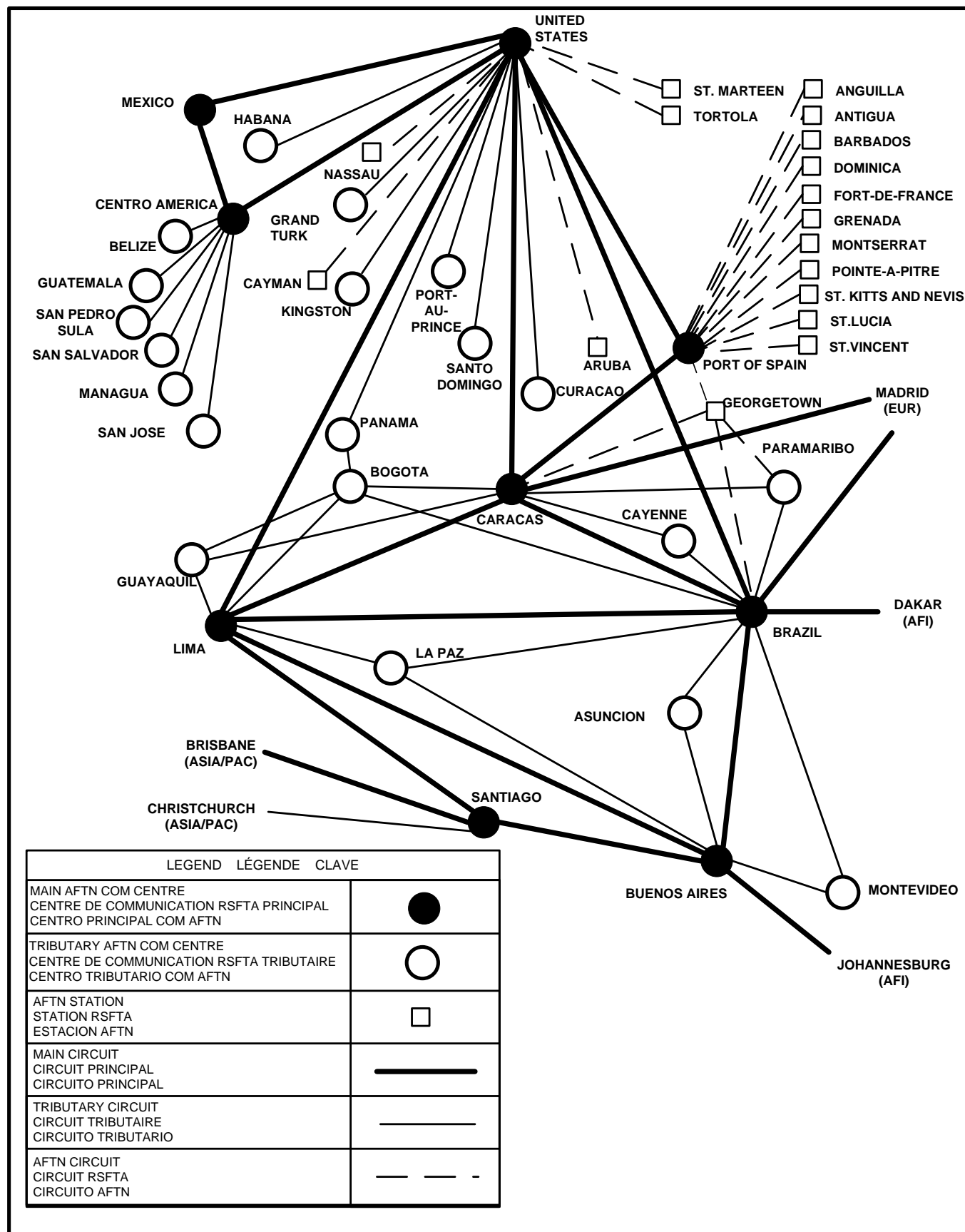
6.1.2 In accordance with GREPECAS Conclusion 12/64, OPMET exchange controls should be carried out annually from 10 to 16 June, until an optimum percentage is achieved. **Appendix I** presents the format approved by GREPECAS to carry out these controls, which includes the hours of operation of the aerodromes.

6.1.3 In addition, following GREPECAS Conclusion 5/28, the Brasilia International OPMET Data Bank carries out four controls of the OPMET information received at the bank.

RATIONALIZED AFTN PLAN FOR CAR/SAM REGIONS
 PLAN DU RSFTA RATIONALISÉ POUR LES RÉGIONS CAR/SAM
 PLAN RACIONALIZADO AFTN PARA LAS REGIONES CAR/SAM

CAR/SAM FASID

CHART CNS 1





FASID TABLE MET 1A

METEOROLOGICAL SERVICE REQUIRED AT AERODROMES

EXPLANATION OF THE TABLE

Column

- 1 Name of the aerodrome or location where meteorological service is required

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.

- 2 ICAO location indicator of the aerodrome

- 3 Designation of aerodrome:

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

- 4 Name of the meteorological office responsible for the provision of trend and aerodrome forecasts in TAF code at the aerodrome indicated in column 1

Note: A secondary meteorological office may be included if the primary meteorological office is closed part of the 24-hour period or a specific day of the week. Offices responsible under exceptional (e.g. back-up) conditions should not be listed.

- 5 ICAO location indicator of the responsible meteorological office

- 6 Requirement for trend forecasts

Y - Required

- 7 Requirement for aerodrome forecasts in TAF code

C - Requirement for 9-hour validity aerodrome forecasts in TAF code (9H)
T - Requirement for 18/24-hour validity aerodrome forecasts in TAF code (18/24H)
X - Requirement for 30-hour validity aerodrome forecasts in TAF code (30H)

- 8 Availability of OPMET information (METAR/SPECI and TAF)

F - Full : OPMET data as listed issued for the aerodrome all through the 24-hour period
P - Partial : OPMET data as listed not issued for the aerodrome for the entire 24-hour period



13/09/2010



MET 1A - ANP/FASID Region - CARSAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
AeroName	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
GRAND BAHAMA INTERNATIONAL	MYGF	RS	GRAND BAHAMA INTERNATIONAL	MYGF		T	F
LYNDEN PINDLING INTERNATIONAL	MYNN	RS	LYNDEN PINDLING INTERNATIONAL	MYNN		T	F
MARSH HARBOUR	MYAM	RS	LYNDEN PINDLING INTERNATIONAL	MYNN			N
NORTH ELEUTHERA	MYEH	RS	LYNDEN PINDLING INTERNATIONAL	MYNN			N
SAN SALVADOR INTERNATIONAL	MYSM	RS	LYNDEN PINDLING INTERNATIONAL	MYNN		T	F
SOUTH BIMINI	MYBS	RS	LYNDEN PINDLING INTERNATIONAL	MYNN			N
STELLA MARIS	MYLS	RS	LYNDEN PINDLING INTERNATIONAL	MYNN			N
TREASURE CAY	MYAT	RS	LYNDEN PINDLING INTERNATIONAL	MYNN			N
Barbados GRANTLEY ADAMS, BARBADOS	TBPB	RS	GRANTLEY ADAMS, BARBADOS	TBPB	Y	T	F
Belize PHILIP S.W. GOLDSON INTERNATIONAL	MZBZ	RS	PHILIP S.W. GOLDSON INTERNATIONAL	MZBZ		T	F
Bolivia COCHABAMBA	SLCB	AS	COCHABAMBA	SLCB	Y	T	F
LA PAZ	SLLP	RS	LA PAZ	SLLP	Y	T	F
TARIJA	SLTJ	RNS&AS	COCHABAMBA	SLCB		T	P
TRINIDAD	SLTR	AS	LA PAZ	SLLP	Y	T	P
VIRU VIRU	SLVR	RS	VIRU VIRU	SLVR	Y	T	P
Brazil BELEM/VAL DE CANS, PA	SBBE	RS	AMAZONICA/FIR	SBAZ		T	F
BELO HORIZONTE/TANCREDO NEVES, MG	SBCF	RS	RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM, RJ	SBGL		T	F
BOA VISTA/ATLAS BRASIL CANTANHEDE, RR	SBBV	RS	AMAZONICA/FIR	SBAZ		T	F
BRASILIA/PRES. JUSCELINO KUBITSCHKE, DF	SBBR	RS	BRASILIA/FIR	SBBS		T	F
CAMPINAS/VIRACOPOS, SP	SBKP	RS	SAO PAULO/GUARULHOS, GOVERNADOR ANDRE FRANCO MONTORO, SP	SBGR		T	F
CAMPO GRANDE/CAMPO GRANDE, MS	SBCG	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	F



MET 1A - ANP/FASID Region - CARSAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
AeroName	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
CORUMBA/CORUMBA, MS	SBCR	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	P
CRUZEIRO DO SUL/CRUZEIRO DO SUL, AC	SBCZ	RS	AMAZONICA/FIR	SBAZ		T	P
CUIABA/MARECHAL RONDON, MT	SBCY	RS	BRASILIA/FIR	SBBS		T	F
CURITIBA/AFONSO PENA, PR	SBCT	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	F
FLORIANOPOLIS/HERCILIO LUZ, SC	SBFL		PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	F
FORTALEZA/ PINTO MARTINS, CE	SBFZ	RS	RECIFE/FIR	SBRE		T	F
FOZ DO IGUAÇU/CATARATAS, PR	SBFI	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	F
MACAPA/ALBERTO ALCOLUMBRE, AP	SBMQ	RS	AMAZONICA/FIR	SBAZ		T	F
MACEIO/ZUMBI DOS PALMARES, AL	SBMO	RS	RECIFE/FIR	SBRE		T	F
MANAUS/EDUARDO GOMES, AM	SBEG	RS	AMAZONICA/FIR	SBAZ		T	F
NATAL/AUGUSTO SEVERO, RN	SBNT	AS	RECIFE/FIR	SBRE		T	F
PONTA PORA/PONTA PORA, MS	SBPP	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	P
PORTO ALEGRE/SALGADO FILHO, RS	SBPA	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	F
RECIFE/GUARARAPES - GILBERTO FREYRE, PE	SBRF	RS	RECIFE/FIR	SBRE		T	F
RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM, RJ	SBGL	RS	RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM, RJ	SBGL		X	F
SALVADOR/DEPUTADO LUIS EDUARDO MAGALHAES, BA	SBSV	RS	RECIFE/FIR	SBRE		T	F
SANTAREM/MAESTRO WILSON FONSECA, PA	SBSN	AS	AMAZONICA/FIR	SBAZ		T	F
SAO LUIS/MARECHAL CUNHA MACHADO, MA	SBSL	AS	AMAZONICA/FIR	SBAZ		T	F
SAO PAULO/GUARULHOS, GOVERNADOR ANDRE FRANCO MONTORO, SP	SBGR	RS	SAO PAULO/GUARULHOS, GOVERNADOR ANDRE FRANCO MONTORO, SP	SBGR		X	F
TABATINGA/TABATINGA, AM	SBTT	RS	AMAZONICA/FIR	SBAZ		T	P
URUGUAIANA/RUBEM BERTA, RS	SBUG	RS	PORTO ALEGRE/SALGADO FILHO, RS	SBPA		T	P
British Virgin Islands (United Kingdom) TERRANCE B. LETTSSOME, TORTOLA	TUPJ	RS	SAN JUAN/LUIS MUNOZ MARIN INTERNATIONAL, PR.	TJSJ		T	P

**MET 1A - ANP/FASID Region - CARSAM**

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
AeroName	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
VIRGIN GORDA,B.V.I	TUPW	RS	SAN JUAN/LUIS MUNOZ MARIN INTERNATIONAL, PR.	TJSJ			N
Cayman Islands (United Kingdom) GERRARD SMITH INTL/CAYMAN BRAC OWEN ROBERTS INTL/GRAND CAYMAN	MWCB MWCR	RS RS	OWEN ROBERTS INTL/GRAND CAYMAN OWEN ROBERTS INTL/GRAND CAYMAN	MWCR MWCR		T T	F P
Chile ANTOFAGASTA/AD CERRO MORENO ARICA/AP CHACALLUTA CONCEPCION/AD ALTN CARRIEL SUR IQUIQUE/AD DIEGO ARACENA PUERTO MONTT/AD EL TEPUAL PUNTA ARENAS/AD PDTE. CARLOS IBANEZ DEL CAMPO SANTIAGO/AP ARTURO MERINO B.	SCFA SCAR SCIE SCDA SCTE SCCI SCEL	AS RS RS RS RS AS RS	ANTOFAGASTA/AD CERRO MORENO ARICA/AP CHACALLUTA CONCEPCION/AD ALTN CARRIEL SUR IQUIQUE/AD DIEGO ARACENA PUERTO MONTT/AD EL TEPUAL PUNTA ARENAS/AD PDTE. CARLOS IBANEZ DEL CAMPO SANTIAGO/AP ARTURO MERINO B.	SCFA SCAR SCIE SCDA SCTE SCCI SCEL	Y Y Y Y	T T T T T T T	P P F P F F F
Colombia BARRANQUILLA INTL/ATLANTICO BOGOTA INTL/CUNDINAMARCA CALI INTL/VALLE CARTAGENA INTL/BOLIVAR CUCUTA INTL/NORTE DE S. LETICIA INTL/AMAZONAS RIONEGRO INTL/ANTIOQUIA SAN ANDRES INTL/SAN ANDRES	SKBQ SKBO SKCL SKCG SKCC SKLT SKRG SKSP	RS RS RS RS RNS&AS RNS&AS RS RS	BARRANQUILLA INTL/ATLANTICO BOGOTA INTL/CUNDINAMARCA CALI INTL/VALLE CARTAGENA INTL/BOLIVAR CUCUTA INTL/NORTE DE S. BOGOTA INTL/CUNDINAMARCA RIONEGRO INTL/ANTIOQUIA SAN ANDRES INTL/SAN ANDRES	SKBQ SKBO SKCL SKCG SKCC SKBO SKRG SKSP	Y Y Y Y	T T T T T T T T	F F F F P P F P
Costa Rica ALAJUELA/JUAN SANTAMARIA INTL. LIBERIA/DANIEL ODUBER QUIROS INTL. LIMON/ INTL. PAVAS/TOBIAS BOLANOS INTL.	MROC MRLB MRLM MRPV	RS RNS&AS RG RG	ALAJUELA/JUAN SANTAMARIA INTL. ALAJUELA/JUAN SANTAMARIA INTL. ALAJUELA/JUAN SANTAMARIA INTL. ALAJUELA/JUAN SANTAMARIA INTL.	MROC MROC MROC MROC	Y 	T T T T	F P P P
Cuba							

**MET 1A - ANP/FASID Region - CARSAM**

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
AeroName	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
CAMAGUEY/IGNACIO	MUCM	RS	HABANA/JOSE MARTI INTL.	MUHA		T	F
AGRAMONTE INTL	MUCL	RS	HABANA/JOSE MARTI INTL.	MUHA		T	P
CAYO LARGO DEL SUR/VILO	MUCA	RS	HABANA/JOSE MARTI INTL.	MUHA		T	P
ACUNA INTL.	MUHA	RS	HABANA/JOSE MARTI INTL.	MUHA		T	F
CIEGO DE AVILA/MAXIMO GOMEZ	MUHG	RS	HABANA/JOSE MARTI INTL.	MUHA		T	F
HABANA/JOSE MARTI INTL.	MUCU	RS	HABANA/JOSE MARTI INTL.	MUHA		T	F
HOLGUIN/FRANK PAIS INTL. - CIV/MIL	MUVR	RS	HABANA/JOSE MARTI INTL.	MUHA		T	F
SANTIAGO DE CUBA/ANTONIO							
MACEO INTL							
VARADERO/JUAN G. GOMEZ INTL							
Dominica							
MELVILLE HALL,DOMINICA	TDPD	RS	GRANTLEY ADAMS,BARBADOS	TBPB		T	F
ROSEAU,DOMINICA	TDPR	RS	GRANTLEY ADAMS,BARBADOS	TBPB			N
Dominican Republic							
BARAHONA/INTL MARIA MONTEZ	MDBH	RS	SANTO DOMINGO/INTL JOSE FRANCISCO PENA GOMEZ	MDSD		T	F
LA ROMANA/INTL CASA DE CAMPO	MDLR	RS	SANTO DOMINGO/INTL JOSE FRANCISCO PENA GOMEZ	MDSD		T	F
PUERTO PLATA /INTL GREGORIO LUPERON.	MDPP	RS	SANTO DOMINGO/INTL JOSE FRANCISCO PENA GOMEZ	MDSD		T	F
PUNTA CANA INTL.	MDPC	RS	SANTO DOMINGO/INTL JOSE FRANCISCO PENA GOMEZ	MDSD		T	F
SANTIAGO/INTL CIBAO	MDST	RS	SANTO DOMINGO/INTL JOSE FRANCISCO PENA GOMEZ	MDSD		T	F
SANTO DOMINGO/INTL JOSE FRANCISCO PENA GOMEZ	MDSD	RS	SANTO DOMINGO/INTL JOSE FRANCISCO PENA GOMEZ	MDSD	Y	T	F
Ecuador							
GUAYAQUIL	SEGU	RS	GUAYAQUIL	SEGU	Y	T	F
LATACUNGA	SELT	RNS&AS	QUITO	SEQU		T	P
MANTA	SEMT	RS	QUITO	SEQU		T	F
QUITO	SEQU	RS	QUITO	SEQU	Y	T	F
El Salvador							
AEROPUERTO INTERNACIONAL DE ILOPANGO	MSSS	RG	AEROPUERTO INTERNACIONAL EL SAVADOR	MSLP		T	P
AEROPUERTO INTERNACIONAL EL SAVADOR	MSLP	RS	AEROPUERTO INTERNACIONAL EL SAVADOR	MSLP		T	F
French Antilles (France)							
AIME CESAIRE, MARTINIQUE	TFFF	RS	AIME CESAIRE, MARTINIQUE	TFFF	Y	T	F

**MET 1A - ANP/FASID Region - CARSAM**

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
AeroName 1	ICAO Location Indicator 2	Use 3	Name 4	ICAO Location Indicator 5	TR 6	TAF 7	
POINTE-A-PITRE,LE RAIZET, GUADELOUPE	TFFR	RS	POINTE-A-PITRE,LE RAIZET, GUADELOUPE	TFFR	Y	T	F
SAINT BARTHELEMY,FRENCH ANTILLES	TFFJ	RS	POINTE-A-PITRE,LE RAIZET, GUADELOUPE	TFFR			N
SAINT MARTIN, GRAND CASE, GUADELOUPE	TFFG	RS	POINTE-A-PITRE,LE RAIZET, GUADELOUPE	TFFR			N
French Guiana (France) CAYENNE-ROCHAMBEAU	SOCA	RS	CAYENNE-ROCHAMBEAU	SOCA	Y	T	F
Grenada LAURISTON, CARRIACOU, GRENADA GRENADINES	TGPZ	RS	MAURICE BISHOP, GRENADA	TGPY			N
MAURICE BISHOP, GRENADA	TGPY	RS	MAURICE BISHOP, GRENADA	TGPY		T	F
Guatemala LA AURORA	MGGT	RS	LA AURORA	MGGT	Y	T	F
PUERTO BARRIOS	MGPB	RG&AS	LA AURORA	MGGT		T	F
PUERTO DE SAN JOSE	MGSJ	RG&AS	LA AURORA	MGGT		T	F
Guyana CHEDDI JAGAN INTL AIRPORT	SYCJ	RS	CHEDDI JAGAN INTL AIRPORT	SYCJ	Y	T	F
Haiti CAP HAITIEN	MTCH	RS	PORT-AU-PRINCE/INTL	MTPP			N
PORT-AU-PRINCE/INTL	MTPP	RS	PORT-AU-PRINCE/INTL	MTPP		T	P
Honduras LA CEIBA/GOLOSON INTL	MHLC	RS	TEGUCIGALPA/TONCONTIN INTL	MHTG		T	F
ROATAN/JUAN MANUEL GALVEZ INTL.	MHRO	RS	TEGUCIGALPA/TONCONTIN INTL	MHTG		T	P
SAN PEDRO SULA/RAMON V MORALES INTL	MHLM	RS	TEGUCIGALPA/TONCONTIN INTL	MHTG		T	F
TEGUCIGALPA/TONCONTIN INTL	MHTG	RS	TEGUCIGALPA/TONCONTIN INTL	MHTG	Y	T	F
Jamaica KINGSTON/NORMAN MANLEY	MKJP	RS	KINGSTON/NORMAN MANLEY	MKJP		T	F
MONTEGO BAY/SANGSTER	MKJS	RS	KINGSTON/NORMAN MANLEY	MKJP		T	F
Mexico ACAPULCO	MMAA	RS	MEXICO	MMMX		T	F
AEROPUERTO DEL NORTE	MMAN	RG&AS	MEXICO	MMMX		T	P
BAHIAS DE HUATULCO	MMBT	RNS&AS	MEXICO	MMMX		T	P

**MET 1A - ANP/FASID Region - CARSAM**

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
AeroName	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
CAMPECHE	MMCP	RG	MEXICO	MMM		T	P
CANCUN	MMUN	RS	MEXICO	MMM		T	F
CD. JUAREZ	MMCS	RG&AS	MEXICO	MMM		T	P
CHETUMAL	MMCM	RS	MEXICO	MMM		T	P
CHIHUAHUA	MMCU	RS	MEXICO	MMM		T	P
CIUDAD ACUNA	MMCC	RG	MEXICO	MMM			N
COZUMEL	MMCZ	RS	MEXICO	MMM		T	F
CULIACAN	MMCL	RS	MEXICO	MMM		T	P
DURANGO	MMDO	RS	MEXICO	MMM		T	P
GUADALAJARA	MMGL	RS	MEXICO	MMM	Y	T	F
GUAYMAS	MMGM	RS	MEXICO	MMM		T	P
HERMOSILLO	MMHO	RS	MEXICO	MMM		T	P
IXTAPA-ZIHUATANEJO	MMZH	RS	MEXICO	MMM		T	P
LA PAZ	MMLP	RS	MEXICO	MMM		T	P
LEON	MMLO	RS	MEXICO	MMM		T	P
LORETO	MMLT	RS	MEXICO	MMM		T	P
MANZANILLO	MMZO	RS	MEXICO	MMM		T	P
MATAMOROS	MMMA	RG&AS	MEXICO	MMM		T	P
MAZATLAN	MMMZ	RS	MEXICO	MMM		T	F
MERIDA	MMMD	RS	MEXICO	MMM		T	F
MEXICALI	MMML	RG	MEXICO	MMM		T	P
MEXICO	MMM	RS	MEXICO	MMM	Y	T	F
MONTERREY	MMMY	RS	MEXICO	MMM		T	F
MORELIA	MMMM	RS	MEXICO	MMM		T	P
NOGALES	MMNG	RG	MEXICO	MMM			N
NUEVO LAREDO	MMNL	RG	MEXICO	MMM		T	P
PIEDRAS NEGRAS	MMPG	RG	MEXICO	MMM		T	P
PUERTO VALLARTA	MMPR	RS	MEXICO	MMM		T	F
REYNOSA	MMRX	RG	MEXICO	MMM		T	P
SAN FELIPE	MMSF	RG	MEXICO	MMM			N
SAN JOSE DEL CABO	MMSD	RS	MEXICO	MMM		T	P
TAMPICO	MMTM	RS	MEXICO	MMM		T	P
TAPACHULA	MMTP	RNS	MEXICO	MMM		T	P
TIJUANA	MMTJ	RS	MEXICO	MMM		T	F
TOLUCA	MMTO	RNS	MEXICO	MMM		T	F
TORREON	MMTC	RS	MEXICO	MMM		T	P
VERACRUZ	MMVR	RS	MEXICO	MMM		T	F
VILLAHERMOSA	MMVA	RS	MEXICO	MMM		T	P



MET 1A - ANP/FASID Region - CARSAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
AeroName 1	ICAO Location Indicator 2	Use 3	Name 4	ICAO Location Indicator 5	TR 6	TAF 7	
ZACATECAS	MMZC	RS	MEXICO	MMMX		T	F
Montserrat (United Kingdom) JOHN A. OSBORNE INTERNATIONAL AIRPORT	TRPG	RS	JOHN A. OSBORNE INTERNATIONAL AIRPORT	TRPG		T	P
Netherlands Antilles (Netherlands) BONAIRE/FLAMINGO CURACAO/AEROPUERTO HATO ST. EUSTATIUS/F.D ROOSEVELT ST. MAARTEN/PRINCESS JULIANA	TNCB TNCC TNCE TNCM	RS RS RS RS	CURACAO/AEROPUERTO HATO CURACAO/AEROPUERTO HATO CURACAO/AEROPUERTO HATO SAN JUAN/LUIS MUNOZ MARIN INTERNATIONAL, PR.	TNCC TNCC TNCC TJSJ		T T T T	P F P F
Nicaragua MANAGUA//MANAGUA PUERTO CABEZAS/RAAN	MNMG MNPC	RS AS	MANAGUA//MANAGUA MANAGUA//MANAGUA	MNMG MNMG	Y	T T	F P
Panama BOCAS DEL TORO/BOCAS DEL TORO CHANGUINOLA/CAP. MANUEL NINO DAVID/ENRIQUE MALEK PANAMA/MARCOS A. GELABERT PANAMA/TOCUMEN	MPBO MPCH MPDA MPMG MPTO	RG&AS RG&AS RS RNS&AS RS	PANAMA/TOCUMEN PANAMA/TOCUMEN PANAMA/TOCUMEN PANAMA/TOCUMEN PANAMA/TOCUMEN	MPTO MPTO MPTO MPTO MPTO			P P P P F
Paraguay ASUNCION/S.PETTIROSSI CIUDAD DEL ESTE/GUARANI	SGAS SGES	RS RS	ASUNCION/S.PETTIROSSI ASUNCION/S.PETTIROSSI	SGAS SGAS		T T	F F
Peru AREQUIPA/INTL. RODRIGUEZ BALLON CHICLAYO/INTL. CAP. JOSE ABELARDO QUINONES GONZALEZ CUSCO/INTL. VELAZCO ASTETE IQUITOS/INTL. CORONEL FAP FRANCISCO SECADA VIGNETTA LIMA-CALLAO/INTL JORGE CHAVEZ PISCO/INTL.	SPQU SPHI SPZO SPQT SPIM SPSO	AS AS RS RS RS AS	AREQUIPA/INTL. RODRIGUEZ BALLON LIMA-CALLAO/INTL JORGE CHAVEZ CUSCO/INTL. VELAZCO ASTETE IQUITOS/INTL. CORONEL FAP FRANCISCO SECADA VIGNETTA LIMA-CALLAO/INTL JORGE CHAVEZ LIMA-CALLAO/INTL JORGE CHAVEZ	SPQU SPIM SPZO SPQT SPIM SPIM	Y	T T T T T T	F F F F F F



MET 1A - ANP/FASID Region - CARSAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
AeroName	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
TACNA/INTL. CORONEL FAP CARLOS CIRIANI SANTA ROSA TRUJILLO/INTL. CAP. CARLOS MARTINEZ DE PINILLOS	SPTN SPRU	RG AS	LIMA-CALLAO/INTL JORGE CHAVEZ LIMA-CALLAO/INTL JORGE CHAVEZ	SPIM SPIM		T T	F F
Puerto Rico (United States) AGUADILLA/RAPHAEL HERNANDEZ PR. FAJARDO/DIEGO JIMENEZ TORRES PR. PONCE/MERCEDITA,PR. SAN JUAN/LUIS MUNOZ MARIN INTERNATIONAL, PR. VIEQUES,ISLA DE VIEQUES,PR.	TJBQ TJFA TJPS TJSJ TJVQ	RS RS AS RS RS	WASHINGTON (NWS NATIONAL MET CENTER), DC. WASHINGTON (NWS NATIONAL MET CENTER), DC. WASHINGTON (NWS NATIONAL MET CENTER), DC. WASHINGTON (NWS NATIONAL MET CENTER), DC. WASHINGTON (NWS NATIONAL MET CENTER), DC.	KWBC KWBC KWBC KWBC KWBC		T T T	P N F F N
Saint Kitts and Nevis ROBERT L. BRADSHAW, ST. CHRISTOPHER (ST. KITTS) AND NEVIS VANCE WINKWORTH AMORY, ST. CHRISTOPHER (ST. KITTS) AND NEVIS	TKPK TKPN	RS RS	WASHINGTON (NWS NATIONAL MET CENTER), DC. V.C.BIRD,ANTIGUA	KWBC TAPA		T T	P P
Saint Lucia GEORGE F. CHARLES, SAINT LUCIA HEWANORRA SAINT LUCIA	TLPC TLPL	RS RS	HEWANORRA SAINT LUCIA HEWANORRA SAINT LUCIA	TLPL TLPL		T T	P F
Saint Vincent and the Grenadines CANOUAN,ST.VINCENT AND THE GRENADINES E.T.JOSHUA,ST.VINCENT, AND THE GRENADINES J.F. MITCHELL,BEQUIA ST.VINCENT AND THE GRENADINES MUSTIQUE,ST.VINCENT AND THE GRENADINES UNION ISLAND,ST.VINCENT AND THE GRENADINES	TVSC TVSV TVSB TVSM TVSU	RS RS RS RNS RS	 GRANTLEY ADAMS,BARBADOS	 TBPB		 T	N P N N N
Suriname JOHAN ADOLF PENGEL	SMJP	RS	JOHAN ADOLF PENGEL	SMJP		T	F



MET 1A - ANP/FASID Region - CARSAM

Aerodrome where service is to be provided			Responsible MET Office		Forecasts to be provided		Availability of OPMET
AeroName	ICAO Location Indicator	Use	Name	ICAO Location Indicator	TR	TAF	
1	2	3	4	5	6	7	8
NICKERIE/MAJ. FERNANDES ZORG EN HOOP	SMNI SMZO	AS RG	JOHAN ADOLF PENGEL JOHAN ADOLF PENGEL	SMJP SMJP		T T	P P
Trinidad and Tobago CROWN POINT, TOGAGO PIARCO, TRINIDAD	TTCP TTPP	RS RS	PIARCO, TRINIDAD PIARCO, TRINIDAD	TTPP TTPP		T T	F F
Turks and Caicos Islands (United Kingdom) JAGS MCCARTNEY INTERNATIONAL AIRPORT GRAND TURK PROVIDENCIALES INTERNATIONAL SOUTH CAICOS INTERNATIONAL	MBGT MBPV MBSC	RS RS RS	LYNDEN PINDLING INTERNATIONAL LYNDEN PINDLING INTERNATIONAL LYNDEN PINDLING INTERNATIONAL	MYNN MYNN MYNN		T T T	P P P
Uruguay COLONIA/INTL "LAGUNA DE LOS PATOS" MALDONADO/ INTL C/C CARLOS A. CURBELO "LAGUNA DEL SAUCE" MONTEVIDEO/AD ANGEL S. ADAMI MONTEVIDEO/INTL.CARRASCO "GRAL. CESAREO L. BERISSO" RIVERA/INTL. PRESIDENTE GENERAL (PILOTO AVIADOR MILITAR) DON OSCAR D. GESTIDO SALTO/INTL.NUEVA HESPERIDES	SUCA SULS SUAA SUMU SURV SUSO	RG RS RG RS RS RG	MONTEVIDEO/INTL.CARRASCO "GRAL. CESAREO L. BERISSO" MONTEVIDEO/INTL.CARRASCO "GRAL. CESAREO L. BERISSO" MONTEVIDEO/INTL.CARRASCO "GRAL. CESAREO L. BERISSO" MONTEVIDEO/INTL.CARRASCO "GRAL. CESAREO L. BERISSO" MONTEVIDEO/INTL.CARRASCO "GRAL. CESAREO L. BERISSO" MONTEVIDEO/INTL.CARRASCO "GRAL. CESAREO L. BERISSO"	SUMU SUMU SUMU SUMU SUMU SUMU		T T T Y T T	P F P F P P
Venezuela BARCELONA, ANZOATEGUI MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS MARACAIBO, ZULIA	SVBC SVMI SVMC	RNS RS RS	MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS MAIQUETIA, INTERNACIONAL SIMON BOLIVAR, MAIQUETIA, VARGAS	SVMI SVMI SVMI		T Y T	F F F

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FASID TABLE MET 2A

OPMET INFORMATION (METAR, SPECI AND TAF) REQUIRED IN ISCS AND SADIS

EXPLANATION OF THE TABLE

Column

1 Aerodromes in the AOP Tables of the Air Navigation Plans

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.

2 Aerodromes not listed in the AOP Tables of the Air Navigation Plans

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.

3 Location indicator

4 Availability of METAR/SPECI

5 Requirement for aerodrome forecasts in TAF code

C - Requirement for 9-hour validity aerodrome forecasts in TAF code (9H)

T - Requirement for 18/24-hour validity aerodrome forecasts in TAF code (18/24H)

X - Requirement for 30-hour validity aerodrome forecasts in TAF code (30H)

6 Availability of OPMET information

F - Full : OPMET data as listed issued for the aerodrome all through the 24-hour period

P - Partial : OPMET data as listed not issued for the aerodrome for the entire 24-hour period

N - None : No OPMET data issued for the time being



MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability
1	2	3	4	5	6
Anguilla (United Kingdom) WALLBLAKE, ANGUILLA		TQPF	Y	T	P
Antigua and Barbuda V.C.BIRD, ANTIGUA		TAPA	Y	T	F
Argentina AEROPARQUE J. NEWBERY (CABA) COMODORO RIVADAVIA/GRAL. MOSCONI (CHT) CORDOBA/ING. A.L.V. TARAVELLA (CBA)	<i>CORRIENTES (CTS)</i>	SABE	Y	T	F
		SAVC	Y	T	F
		SACO	Y	T	F
		SARC	Y		F
EZEIZA MINISTRO PISTARINI (BA)	<i>FORMOSA (F)</i>	SAEZ	Y	T	F
		SARF	Y	T	F
IGUAZU/CATARATAS DEL IGUAZU (MS)		SARI	Y	T	F
JUJUY (J)		SASJ	Y	T	F
MAR DEL PLATA (BA)		SAZM	Y	T	F
MENDOZA/EL PLUMERILLO (MZA)		SAME	Y	T	F
NEUQUEN (N)		SAZN	Y	T	F
	<i>PASO DE LOS LIBRES (CTS)</i>	SARL	Y		P
	<i>POSADAS (MS)</i>	SARP	Y	T	F
RESISTENCIA (CHO)		SARE	Y	T	F
	<i>RIO CUARTO/AREA DE MATERIAL (CBA)</i>	SAOC	Y		F
RIO GALLEGOS/BRIG. GRAL. D.A. PARODI (SC)	<i>RIO GRANDE (TAIS)</i>	SAWG	Y	T	F
		SAWE	Y	T	F
ROSARIO (SF)		SAAR	Y	T	F
SALTA (S)		SASA	Y	T	F
SAN CARLOS DE BARILOCHE (RN)		SAZS	Y	T	F
SAN FERNANDO (BA)		SADF	Y	T	F
	<i>TUCUMAN/TEN. BENJAMIN MATIENZO (T)</i>	SANT	Y	T	F
USHUAIA/MALVINAS ARGENTINAS (TAIS)		SAWH	Y	T	F
Aruba (Netherlands) ORANJESTAD/BEATRIX		TNCA	Y	T	F
Bahamas GEORGE TOWN GOVERNOR'S HARBOUR GRAND BAHAMA INTERNATIONAL LYNDEN PINDLING INTERNATIONAL MARSH HARBOUR NORTH ELEUTHERA		MYEG	Y	T	F
		MYEM			N
		MYGF	Y	T	F
		MYNN	Y	T	F
		MYAM			N
		MYEH			N
	<i>ROCK SOUND</i>	MYER	Y	T	F
SAN SALVADOR INTERNATIONAL		MYSM	Y	T	F
SOUTH BIMINI		MYBS			N



MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability
1	2	3	4	5	6
STELLA MARIS TREASURE CAY		MYLS MYAT			N N
Barbados GRANTLEY ADAMS, BARBADOS		TBPB	Y	T	F
Belize PHILIP S.W. GOLDSON INTERNATIONAL		MZBZ	Y	T	F
Bolivia COCHABAMBA LA PAZ TARIJA TRINIDAD VIRU VIRU	<i>COBIJA</i> <i>EL TROMPILLO</i> <i>POTOSI</i> <i>PUERTO SUAREZ</i> <i>SAN IGNACIO DE VELASCO</i> <i>SANTA ANA DEL YACUMA</i> <i>SUCRE</i> <i>VILLAMONTES</i> <i>YACUIBA</i>	SLCO SLCB SLET SLLP SLPO SLPS SLSI SLSA SLSU SLTJ SLTR SLVM SLVR SLYA	Y Y Y Y Y Y Y Y Y Y Y Y Y Y	T T T T T T T T T T T	P F F F P P P P P P P F P P
Brazil BELEM/VAL DE CANS, PA BELO HORIZONTE/TANCREDO NEVES, MG BOA VISTA/ATLAS BRASIL CANTANHEDE, RR BRASILIA/PRES. JUSCELYNO KUBITSCHEK, DF CAMPINAS/VIRACOPOS, SP CAMPO GRANDE/CAMPO GRANDE, MS CORUMBA/CORUMBA, MS CRUZEIRO DO SUL/CRUZEIRO DO SUL, AC CUIABA/MARECHAL RONDON, MT CURITIBA/AFONSO PENA, PR FLORIANOPOLIS/HERCILIO LUZ, SC FORTALEZA/ PINTO MARTINS, CE FOZ DO IGUAÇU/CATARATAS, PR MACAPA/ALBERTO ALCOLUMBRE, AP MACEIO/ZUMBI DOS PALMARES, AL MANAUS/EDUARDO GOMES, AM NATAL/AUGUSTO SEVERO, RN PONTA PORA/PONTA PORA, MS		SBBE SBCF SBBV SBBR SBKP SBCG SBCR SBCZ SBCY SBCT SBFL SBFZ SBFI SBMQ SBMO SBEG SBNT SBPP	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	T T T T T T T T T T T T T T T T T T T	F F F F F F P P F F F F F F F F F F P



MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability
1	2	3	4	5	6
PORTO ALEGRE/SALGADO FILHO, RS RECIFE/GUARARAPES - GILBERTO FREYRE, PE RIO DE JANEIRO/GALEAO-ANTONIO CARLOS JOBIM, RJ SALVADOR/DEPUTADO LUIS EDUARDO MAGALHAES, BA SANTAREM/MAESTRO WILSON FONSECA, PA SAO LUIS/MARECHAL CUNHA MACHADO,MA SAO PAULO/GUARULHOS, GOVERNADOR ANDRE FRANCO MONTORO, SP TABATINGA/TABATINGA, AM URUGUAIANA/RUBEM BERTA, RS		SBPA SBRF SBGL SBSV SBSN SBSL SBGR SBTT SBUG	Y Y Y Y Y Y Y Y Y	T T X T T T X T T	F F F F F F F P P
British Virgin Islands (United Kingdom) TERRANCE B. LETTSOME,TORTOLA VIRGIN GORDA,B.V.I		TUPJ TUPW	Y	T	P N
Cayman Islands (United Kingdom) GERRARD SMITH INTL/CAYMAN BRAC OWEN ROBERTS INTL/GRAND CAYMAN		MWCB MWCR	Y Y	T T	F P
Chile ANTOFAGASTA/AD CERRO MORENO ARICA/AP CHACALLUTA CONCEPCION/AD ALTN CARRIEL SUR IQUIQUE/AD DIEGO ARACENA PUERTO MONTT/AD EL TEPUAL PUNTA ARENAS/AD PDTE. CARLOS IBANEZ DEL CAMPO SANTIAGO/AP ARTURO MERINO B.	<i>BALMACEDA/AD BALMACEDA CALAMA/AD EL LOA COPIAPO/AD DESIERTO DE ATACAMA LA SERENA/AD LA FLORIDA OSORNO/AD CANAL BAJO-CARLOS HOTT SIEBERT PUERTO NATALES/AD TENIENTE JULIO GALLARDO TEMUCO/AD MAQUEHUE</i>	SCFA SCAR SCBA SCCF SCIE SCAT SCDA SCSE SCJO SCTE SCNT SCCI SCEL SCTC	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	T T T T T T T T T T T T T T T	P P F P F F P P P F F F F F F
Colombia BARRANQUILLA INTL/ATLANTICO BOGOTA INTL/CUNDINAMARCA		SKBQ SKBO	Y Y	T T	F F



MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability
1	2	3	4	5	6
<p>CALI INTL/VALLE CARTAGENA INTL/BOLIVAR CUCUTA INTL/NORTE DE S. LETICIA INTL/AMAZONAS</p> <p>RIONEGRO INTL/ANTIOQUIA SAN ANDRES INTL/SAN ANDRES</p> <p>Costa Rica ALAJUELA/JUAN SANTAMARIA INTL. LIBERIA/DANIEL ODUBER QUIROS INTL. LIMON/ INTL. PAVAS/TOBIAS BOLANOS INTL.</p> <p>Cuba CAMAGUEY/IGNACIO AGRAMONTE INTL</p> <p>CAYO LARGO DEL SUR/VILO ACUNA INTL. CIEGO DE AVILA/MAXIMO GOMEZ HABANA/JOSE MARTI INTL. HOLGUIN/FRANK PAIS INTL. - CIV/MIL SANTIAGO DE CUBA/ANTONIO MACEO INTL VARADERO/JUAN G. GOMEZ INTL</p> <p>Dominica MELVILLE HALL,DOMINICA ROSEAU,DOMINICA</p> <p>Dominican Republic BARAHONA/INTL MARIA MONTEZ LA ROMANA/INTL CASA DE CAMPO PUERTO PLATA /INTL GREGORIO LUPERON. PUNTA CANA INTL. SANTIAGO/INTL CIBAO SANTO DOMINGO/INTL JOSE FRANCISCO PENA GOMEZ</p> <p>Ecuador GUAYAQUIL LATACUNGA MANTA</p>	<p><i>BUCARAMANGA INTL/SANTANDER</i></p> <p><i>MEDELLIN/ANTIOQUIA</i> <i>PEREIRA/RISARALDA</i></p> <p><i>SANTA MARTA/MAGDALENA</i></p> <p><i>CAYO COCO/JARDINES DEL REY</i></p>	<p>SKBG SKCL SKCG SKCC SKLT SKMD SKPE SKRG SKSP SKSM</p>	<p>Y Y Y Y Y Y Y Y Y Y</p>	<p>T T T T T T T T T T</p>	<p>F F F P P F F F P F</p>
		MROC	Y	T	F
		MRLB	Y	T	P
		MRLM	Y	T	P
		MRPV	Y	T	P
		MUCM	Y	T	F
		MUCC	Y	T	F
		MUCL	Y	T	P
		MUCA	Y	T	P
		MUHA	Y	T	F
		MUHG	Y	T	F
		MUCU	Y	T	F
		MUVR	Y	T	F
		TDPD	Y	T	F
		TDPR			N
		MDBH	Y	T	F
		MDLR	Y	T	F
		MDPP	Y	T	F
		MDPC	Y	T	F
		MDST	Y	T	F
		MDSD	Y	T	F
		SEGU	Y	T	F
		SELT	Y	T	P
		SEMT	Y	T	F



MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability
1	2	3	4	5	6
QUITO El Salvador AEROPUERTO INTERNACIONAL DE ILOPANGO AEROPUERTO INTERNACIONAL EL SAVADOR French Antilles (France) AIME CESAIRE, MARTINIQUE POINTE-A-PITRE, LE RAIZET, GUADELOUPE SAINT BARTHELEMY, FRENCH ANTILLES SAINT MARTIN, GRAND CASE, GUADELOUPE French Guiana (France) CAYENNE-ROCHAMBEAU Grenada LAURISTON, CARRIACOU, GRENADA GRENADINES MAURICE BISHOP, GRENADA Guatemala LA AURORA PUERTO BARRIOS PUERTO DE SAN JOSE Guyana CHEDDI JAGAN INTL AIRPORT Haiti CAP HAITIEN PORT-AU-PRINCE/INTL Honduras LA CEIBA/GOLOSON INTL ROATAN/JUAN MANUEL GALVEZ INTL. SAN PEDRO SULA/RAMON V MORALES INTL TEGUCIGALPA/TONCONTIN INTL Jamaica KINGSTON/NORMAN MANLEY MONTEGO BAY/SANGSTER Mexico ACAPULCO AEROPUERTO DEL NORTE		SEQU	Y	T	F
		MSSS	Y	T	P
		MSLP	Y	T	F
		TFFF	Y	T	F
		TFFR	Y	T	F
		TFFJ			N
		TFFG			N
		SOCA	Y	T	F
		TGPZ			N
		TGPY	Y	T	F
		MGGT	Y	T	F
		MGPB	Y	T	F
		MGSJ	Y	T	F
		SYCJ	Y	T	F
		MTCH			N
		MTPP	Y	T	P
		MHLC	Y	T	F
		MHRO	Y	T	P
		MHLM	Y	T	F
		MHTG	Y	T	F
		MKJP	Y	T	F
		MKJS	Y	T	F
		MMAA	Y	T	F
		MMAN	Y	T	P



MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability
1	2	3	4	5	6
BAHIAS DE HUATULCO CAMPECHE CANCUN CD. JUAREZ CHETUMAL CHIHUAHUA CIUDAD ACUNA COZUMEL CULIACAN DURANGO GUADALAJARA GUAYMAS HERMOSILLO IXTAPA-ZIHUATANEJO LA PAZ LEON LORETO MANZANILLO MATAMOROS MAZATLAN MERIDA MEXICALI MEXICO MONTERREY MORELIA NOGALES NUEVO LAREDO PIEDRAS NEGRAS PUERTO VALLARTA REYNOSA	AGUASCALIENTES	MMAS	Y	T	P
		MMBT	Y	T	P
		MMCP	Y	T	P
		MMUN	Y	T	F
		MMCS	Y	T	P
	CD. VICTORIA	MMCV	Y	T	P
		MMCM	Y	T	P
		MMCU	Y	T	P
		MMCC			N
	CIUDAD DEL CARMEN	MMCE	Y	T	P
	CIUDAD OBREGON	MMCN	Y	T	P
	COLIMA	MMIA	Y	T	P
		MMCZ	Y	T	F
	CUERNAVACA	MMCB	Y	T	P
		MMCL	Y	T	P
		MMDO	Y	T	P
		MMGL	Y	T	F
		MMGM	Y	T	P
		MMHO	Y	T	P
		MMZH	Y	T	P
		MMLP	Y	T	P
		MMLO	Y	T	P
		MMLT	Y	T	P
	LOS MOCHIS	MMLM	Y	T	P
		MMZO	Y	T	P
		MMMA	Y	T	P
		MMMZ	Y	T	F
		MMMD	Y	T	F
		MMML	Y	T	P
		MMMXX	Y	T	F
	MINATITLAN	MMMT	Y	T	P
		MMMY	Y	T	F
		MMMM	Y	T	P
		MMNG			N
		MMNL	Y	T	P
	OAXACA	MMOX	Y	T	P
		MMPG	Y	T	P
	POZA RICA	MMPA	Y	T	P
	PUEBLA	MMPB	Y	T	P
	PUERTO ESCONDIDO	MMPS	Y	T	P
		MMPR	Y	T	F
	QUERETARO	MMQT	Y	T	P
		MMRX	Y	T	P
	SALTILLO	MMIO	Y	T	F



MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability
1	2	3	4	5	6
SAN FELIPE SAN JOSE DEL CABO	SAN LUIS POTOSI	MMSF			N
		MMSD	Y	T	P
		MMSP	Y	T	F
TAMPICO		MMTM	Y	T	P
TAPACHULA		MMTP	Y	T	P
		MMEP	Y	T	P
TIJUANA		MMTJ	Y	T	F
TOLUCA		MMTO	Y	T	F
TORREON		MMTC	Y	T	P
		MMTG	Y	T	P
		MMPN	Y	T	P
VERACRUZ		MMVR	Y	T	F
VILLAHERMOSA		MMVA	Y	T	P
ZACATECAS		MMZC	Y	T	F
Montserrat (United Kingdom) JOHN A. OSBORNE INTERNATIONAL AIRPORT		TRPG	Y	T	P
Netherlands Antilles (Netherlands) BONAIRE/FLAMINGO	TUXTLA GUTIERREZ (CIV) URUAPAN	TNCB	Y	T	P
CURACAO/AEROPUERTO HATO		TNCC	Y	T	F
ST. EUSTATIUS/F.D ROOSEVELT		TNCE	Y	T	P
ST. MAARTEN/PRINCESS JULIANA		TNCM	Y	T	F
Nicaragua MANAGUA/MANAGUA		MNMG	Y	T	F
PUERTO CABEZAS/RAAN		MNPC	Y	T	P
Panama BOCAS DEL TORO/BOCAS DEL TORO		MPBO	Y		P
CHANGUINOLA/CAP. MANUEL NINO		MPCH	Y		P
DAVID/ENRIQUE MALEK		MPDA	Y	T	P
PANAMA/MARCOS A. GELABERT		MPMG	Y	T	P
PANAMA/TOCUMEN		MPTO	Y	T	F
Paraguay ASUNCION/S.PETTIROSSI		SGAS	Y	T	F
CIUDAD DEL ESTE/GUARANI		SGES	Y	T	F
Peru AREQUIPA/INTL. RODRIGUEZ BALLON		SPHY SPQU	Y Y	T T	P F



MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability
1	2	3	4	5	6
CHICLAYO/INTL. CAP. JOSE ABELARDO QUINONES GONZALEZ CUSCO/INTL. VELAZCO ASTETE	AYACUCHO/CORONEL FAP ALFREDO MENDIVIL DUARTE	SPHO	Y	T	P
	CAJAMARCA/MAYOR GRAL. FAP ARMANDO REVOREDO IGLESIAS	SPJR	Y	T	P
IQUITOS/INTL. CORONEL FAP FRANCISCO SECADA VIGNETTA	ILO	SPHI	Y	T	F
		SPZO	Y	T	F
		SPLO	Y	T	P
		SPQT	Y	T	F
LIMA-CALLAO/INTL JORGE CHAVEZ PISCO/INTL.	JUANJUI JULIACA/INTL. INCA MANCO CAPAC	SPJI	Y	T	P
		SPJL	Y	T	P
		SPIM	Y	T	F
		SPSO	Y	T	F
TACNA/INTL. CORONEL FAP CARLOS CIRIANI SANTA ROSA	PUCALLPA/INTL. DAVID ABENSUR RENGIFO PUERTO MALDONADO/PADRE ALDAMIZ	SPCL	Y	T	F
		SPTU	Y	T	P
		SPTN	Y	T	F
		SPYL	Y	T	P
TRUJILLO/INTL. CAP. CARLOS MARTINEZ DE PINILLOS	TALARA/CAPITAN MONTES TARAPOTO/CDTE. GUILLERMO DEL CASTILLO PAREDES TINGO MARIA	SPST	Y	T	P
		SPGM	Y	T	P
		SPRU	Y	T	F
		SPME	Y	T	P
Puerto Rico (United States) AGUADILLA/RAPHAEL HERNANDEZ PR. FAJARDO/DIEGO JIMENEZ TORRES PR.	TUMBES/PEDRO CANGA YURIMAGUAS/MOISES BENZAQUEN RENGIFO	SPMS	Y	T	P
		TJBQ	Y	T	P
		TJFA			N
		TJMZ	Y	T	P
PONCE/MERCEDITA,PR. SAN JUAN/LUIS MUNOZ MARIN INTERNATIONAL, PR. VIEQUES,ISLA DE VIKUES,PR.	MAYAGUEZ/EUGENIO MARIA DE HOSTOS, PR.	TJPS	Y	T	F
		TJSJ	Y	T	F
		TJVQ			N
Saint Kitts and Nevis ROBERT L. BRADSHAW, ST. CHRISTOPHER (ST. KITTS) AND NEVIS VANCE WINKWORTH AMORY, ST. CHRISTOPHER (ST. KITTS) AND NEVIS		TKPK	Y	T	P
		TKPN	Y	T	P
Saint Lucia GEORGE F. CHARLES, SAINT LUCIA HEWANORRA SAINT LUCIA		TLPC	Y	T	P
		TLPL	Y	T	F

MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided			
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability	
1	2	3	4	5	6	
Saint Vincent and the Grenadines CANOUAN,ST.VINCENT AND THE GRENADINES E.T.JOSHUA,ST.VINCENT, AND THE GRENADINES J.F. MITCHELL,BEQUIA ST.VINCENT AND THE GRENADINES MUSTIQUE,ST.VINCENT AND THE GRENADINES UNION ISLAND,ST.VINCENT AND THE GRENADINES Suriname JOHAN ADOLF PENGEL NICKERIE/MAJ. FERNANDES ZORG EN HOOP Trinidad and Tobago CROWN POINT,TOGAGO PIARCO,TRINIDAD Turks and Caicos Islands (United Kingdom) JAGS MCCARTNEY INTERNATIONAL AIRPORT GRAND TURK PROVIDENCIALES INTERNATIONAL SOUTH CAICOS INTERNATIONAL United Kingdom Uruguay COLONIA/INTL "LAGUNA DE LOS PATOS" MALDONADO/ INTL C/C CARLOS A.CURBELO "LAGUNA DEL SAUCE" MONTEVIDEO/AD ANGEL S. ADAMI MONTEVIDEO/INTL.CARRASCO "GRAL. CESAREO L. BERISSO" RIVERA/INTL. PRESIDENTE GENERAL (PILOTO AVIADOR MILITAR) DON OSCAR D. GESTIDO SALTO/INTL.NUEVA HESPERIDES Venezuela		TVSC			N	
		TVSV	Y	T	P	
		TVSB				N
		TVSM				N
		TVSU				N
		SMJP	Y	T	F	
		SMNI	Y	T	P	
		SMZO	Y	T	P	
		TTCP	Y	T	F	
		TTPP	Y	T	F	
		MBGT	Y	T	P	
		MBPV	Y	T	P	
		MBSC	Y	T	P	
		EGYP	Y	T	F	
		SUCA	Y	T	P	
		SUDU	Y	T	F	
		SULS	Y	T	F	
		SUAA	Y	T	P	
		SUMU	Y	T	F	
		SURV	Y	T	P	
		SUSO	Y	T	P	



MET 2A - CARSAM

Aerodrome where service is to be provided			OPMET to be provided		
Listed in AOP Tables	Not Listed in AOP Tables	ICAO Location	SA/SP	TAF	Availability
1	2	3	4	5	6
BARCELONA, ANZOATEGUI	BARQUISIMETO, LARA SANTO DOMINGO, B.A.MAYOR BUENAVENTURA VIVAS, TACHIRA	SVBC	Y	T	F
		SVBM	Y	T	P
		SVM I	Y	T	F
MAIQUETIA, INTERNACIONAL SIMON BOLIVAR,					
MAIQUETIA, VARGAS		SVMC	Y	T	F
MARACAIBO, ZULIA		SVMG	Y	T	F
MARGARITA, NUEVA ESPARTA		SVJC	Y	T	P
PARAGUANA, JOSEFA CAMEJO, FALCON		SVSA	Y	T	P
SAN ANTONIO DEL TACHIRA, TACHIRA		SVSO	Y		P
VALENCIA, CARABOBO		SVVA	Y	T	P
Virgin Islands (United States)					
CHARLOTTE AMALIE ST. THOMAS/CYRIL E. KING, VI.		TIST	Y	T	F
HENRY.E.ROHLSSEN		TISX	Y	T	F

**INTERCAMBIO REGIONAL DE INFORMACIÓN METEOROLÓGICA OPERACIONAL
DENTRO DE LAS REGIONES CAR/SAM**

**REGIONAL EXCHANGE OF OPERATIONAL METEOROLOGICAL INFORMATION WITHIN
THE CAR/SAM REGIONS**

EXPLICACIÓN DE LA TABLA

Columna 1: Nombre del aeródromo

Columna 2: Indicador de lugar

Columna 3: F = METAR/SPECI + TAF
S = METAR/SPECI
T = TAF

EXPLANATION OF THE TABLE

Column 1: Name of the aerodrome

Column 2: Location indicator

Column 3: F = METAR/SPECI + TAF
S = METAR/SPECI
T = TAF

Note: Aerodromes not included in Table AOP 1 are in italics/los aeródromos que no están listados en la Tabla AOP 1 aparecen en letra cursiva.

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TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN																																																		
	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haití	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington	OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS v SADIS		
NETHERLANDS ANTILLES (Netherlands)																																																		
Bonaire/Flamingo	TNCB										F												F	F									T													F	F			
Curacao/Aeropuerto Hato	TNCC		F	T		F				F			F	T	F			F	F		F		F	F	F			F	T					T	F				F	F							F	F		
St. Eustatius/F. d. Roosevelt	TNCE												F																						F	F											F	F		
St. Maarten/Princess Juliana	TNCM	F	F				F										F			F														F	F								F	F			F	F		
NICARAGUA																																																		
Managua/Managua	MNMG							F						F	F	F		F				F					F		F					T								F					F	F		
Puerto Cabezas/Raan	MNPC														F	F										F			F														F					F	F	
PUERTO RICO (US)																																																		
Aguadilla/Raphael Hernández Pr.	TJBQ																																															F	F	
Fajardo/Diego Jimenez Torrez Pr.	TJFA																																																	
Mayaguez/Eugenio María de Hostos, Pr.	TJMZ																																																F	F
Ponce/Mercedita, Pr.	TJPS	F	F		T		F							F	T			F	F	T		F			T		F		F	T		F				T	F							T	F			F	F	
San Juan/Luis Muñoz Marin Intl, Pr.	TJSJ	F	F	T	F		F			T			F	T	F	F	F	T		F	T		T		F	T	F	F		F		F		T		F	F			F			F	F			F	F		
Vieques/Isla de Viques, Pr.	TJVQ																																																	
SAINT KITTS AND NEVIS																																																		
Robert L. Bradshaw, St. Christofer (St. Kitts) and Nevis	TKPK	F	F																	F										F	F					F					F			T	F	F		F	F	
Vance Winkworth Amory, St. Christoper (St. Kitts) and Nevis	TKPN		F																												F					F												F	F	
SAINT LUCIA																																																		
George F. charles, Saint Lucia	TLPC		F				F													F		F		F											F			F									F	F		
Hewanorra Saint Lucia	TLPL		F				F	F						F	T			F		F		F	T		F		F			F						F	F			F	F	F		F	F	F		F	F	
ST. VINCENT AND THE GRENADINES																																																		
Canouan, St. Vincent and the Grenadines	TVSC																																																	
E. T. Joshua, St. Vincent and the Grenadines	TVSV						F	F												F		F		F													F			F							F	F		
J.F. Mitchel, Bequia St. Vincent and the Grenadines	TVSB																																																	
Mustique, St. Vincent and the Grenadines	TVSM																																																	
Union Island, St. Vincent and the Grenadines	TVSU																																																	
TRINIDAD AND TOBAGO																																																		
Crown Point, Tobago	TTCP		F	T			F			F				F				F	T		F	T		F	T		F							T	F	F	F	F	F					F	F	F		F	F	
Piarco, Trinidad	TTPP		F				F													F		F		F		F																	F					F	F	
TURKS AND CAICOS IS.(UK)																																																		
Jags Mccartney International Airport Grand Turk	MBGT																	F							F																								F	F
Providenciales International	MBPV					T																			F																								F	F
South Caicos International	MBSC																							F																									F	F

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TO BE AVAILABLE IN/ESTARÁN DISPONIBLES EN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	ICAO Loc. Ind./Ind. Lugar OACI	Anguilla I. (U.K.)	Antigua and Barbuda	Argentina	Aruba (Netherlands)	Bahamas	Barbados	Belize	Bolivia	Brazil	Cayman Is. (U.K.)	Chile	Colombia	Costa Rica	Cuba	Dominica	Dominican Republic	Ecuador	El Salvador	French Antilles (France)	French Guiana (France)	Grenada	Guatemala	Guyana	Haiti	Honduras	Jamaica	Mexico	Montserrat I. (U.K.)	Netherland Antilles (Netherlands)	Nicaragua	Panama	Paraguay	Peru	Puerto Rico (U.S.)	Saint Kitts and Nevis	Saint Lucia	S. Vincent and the Grenadines	Suriname	Trinidad and Tobago	Turks and Caicos Islands (U.K.)	Uruguay	Venezuela	Virgin Islands (U.K.)	Virgin Islands (U.S.)	Brasilia/Washington	OPMET Data Banks	SADIS and ISCS Uplink Stations/ Estaciones de Enlace Ascendente ISCS y SADIS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Sucré	SLSU																																	F	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

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**TRANSMISIÓN INTERNACIONAL DE MENSAJES OPMET (METAR/SPECI y TAF) EN LOS
ESTADOS/TERRITORIOS DE LAS REGIONES CAR/SAM CON BASE EN LA TABLA MET 2B DEL FASID CAR/SAM /**

**INTERNATIONAL TRANSMISSION OF OPMET MESSAGES (METAR/SPECI and TAF) IN THE
STATES/TERRITORIES OF THE CAR/SAM REGIONS ON THE BASIS OF CAR/SAM FASID TABLE MET 2B**

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
1	2	3	4
ANGUILLA (United Kingdom.)			
WALLBLAKE, ANGUILLA	TQPF	METAR/SPECI y/and TAF	TKPKYMYX SVZZYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TAPAYMYX TNCCYMYX SBBRYZYX KWBCYMYX EGZZMCAR
ANTIGUA AND BARBUDA			
V. C. BIRD, ANTIGUA	TAPA	METAR/SPECI y/and TAF	TQPFYMYX TBPBYMYX TDPDYMXX TFFFYMYX TFFRYMYX TGPYYMYX TRPMYMYX TNCCYMYX TJSJYMYX TKPKYMYX TLPLYMYX TTPPYMYX TUPJYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TNCAYMYX MUHAYMYX SYZZMAMX MTPPYMYX SVZZYMYX SBBRYZYX KWBCYMYX EGZZMCAR
ARGENTINA			
AEROPARQUE J. NEWBERY, CAB	SABE	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SGZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
COMODORO RIVADAVIA/GRAL MO	SAVC	METAR/SPECI y/and TAF	SCZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
CÓRDOBA/ING. A.L.V. TARAVELA	SACO	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SKZZMAMX MPZZMAMX SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	MROCYMYX SEZZMAMX MMMXYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
EZEIZA MINISTRO PISTARINI, BA	SAEZ	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX MPZZMAMX SGZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX MUHAYMYX MDSYMYX SEZZMAMX MMMXYMYX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
IGUAZÚ/ CATARATAS DE IGUAZU	SAVC	METAR/SPECI y/and TAF	SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
JUJUY, J.	SASJ	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SGZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
MAR DE PLATA, BA	SARE	METAR/SPECI y/and TAF	SCZZMAMX SGZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SCZZMAMX SGZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
MENDOZA/EL PLUMERILLO, MZA	SAME	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX MPZZMAMX SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	MROCYMYX MUHAYMYX SEZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
NEUQUÉN, N	SAZN	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX MUHAYMY SEZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
RESISTENCIA, CHO	SARE	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
RÍO GALLEGOS/BRIG. GRAL. D. A.	SAWG	METAR/SPECI y/and TAF	SKZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
ROSARIO; SF	SAAR	METAR/SPECI y/and TAF	SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	MUHAYMY SBBRYZYX KWBCYMYX EGZZMSAM
SALTA, S.	SASA	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
SAN CARLOS DE BARILOCHE, RN	SAZS	METAR/SPECI y/and TAF	SCZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
SAN FERNANDO, BA	SADF	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
USHUAIA/MALVINAS ARGENTINAS	SAWH	METAR/SPECI y/and TAF	SCZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
ARUBA (Netherlands)			
ORANJESTAD/BEATRIX	TNCA	METAR/SPECI y/and TAF	MYNNYMYX SKZZMAMX MUHAYMY MDSYMYX TNCCYMYX MTPPYMYX MKJPYMYX MPZZMAMX TJSJYMYX SMZZMAMX TTPPYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	MMMXYMYX SBBRYZYX KWBCYMYX EGZZMCAR
BAHAMAS			
GEORGE TOWN	MYEG	METAR/SPECI y/and TAF	TAPAYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
GOVERNOR’S HARBOUR	MYEM	METAR/SPECI y/and TAF	SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
GRAND BAHAM INTERNATIONAL	MYGF	METAR/SPECI y/and TAF	TNCAYMYX MROCXYMC MUHAYMYX MKJPYMYX MMMXYMYX TNCCYMYX MBGTMYX SBBRYZYX KWBCYMYX EGZMCMAR
		TAF	SAZZMAMX TBPBYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZMCMAR
MARSH HARBOUR	MYAM	METAR/SPECI y/and TAF	TAPAYMYX SBBRYZYX KWBCYMYX EGZMCMAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZMCMAR
NASSA INTERNATIONAL	MYNN	METAR/SPECI y/and TAF	TAPAYMYX TNCAYMYX MZBZYMYX SKZZMAMX MROCXYMC MUHAYMYX MDSYMYX MSSYMYX MGGTYMYX MTPPYMY MHTGYMYX MKJPYMYX MMMXYMYX MNMGYMYX MPZZMAMX TKPKYMYX MBGTMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZMCMAR
		TAF	SAZZMAMX TBPBYMYX SCZZMAMX SEZZMAMX SYZZMAMX SGZZMAMX SPZZMAMX TTPPYMYX SBBRYZYX KWBCYMYX EGZMCMAR
NORTH ELEUTHERA	MYEH	METAR/SPECI y/and TAF	TAPAYMYX SBBRYZYX KWBCYMYX EGZMCMAR SGZZMAMX
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZMCMAR
ROCK SOUND	MYER	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZMCMAR
SAN SALVADOR INTERNATIONAL	MYSM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZMCMAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZMCMAR
SOUTH BIMINI	MYBS	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZMCMAR
STELLA MARIS	MYLS	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZMCMAR SGZZMAMX
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZMCMAR
TREASURE CAY	MYAT	METAR/SPECI y/and TAF	TAPAYMYX SBBRYZYX KWBCYMYX EGZMCMAR SGZZMAMX
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZMCMAR
BARBADOS			
GRANTLEY ADAMS, BARBADOS	TBPB	METAR/SPECI y/and TAF	TAPAYMYX SKZZMAMX MUHAYMYX MDSYMYX TFFYMYX TFFRYMYX TGPYMYX SYZZMAMX MTPPYMY MKJPYMYX MMMXYMYX TNCCYMYX TJSJYMYX TKPKYMYX TLPYMYX TVSVYMYX SMZZMAMX TTPPYMYX SVZZMAMX TUPJYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZMCMAR
		TAF	SAZZMAMX MROCXYMC SOZZMAMX SBBRYZYX KWBCYMYX EGZMCMAR
BELIZE			
PHILIPS S.W. GOLSON/BELIZE INT	MZBZ	METAR/SPECI y/and TAF	MUHAYMYX MSSYMYX MHTGYMYX MKJPYMYX MMMXYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZMCMAR
BOLIVIA			
COBIJA	SLCO	METAR/SPECI	SBBRYZYX KWBCYMYX EGZMSAM
COCHABAMBA	SLCB	METAR/SPECI y/and TAF	SAZZMAMX SGZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
		TAF	MPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
EL TROMPILLO	SLET	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZMSAM
LA PAZ	SLLP	METAR/SPECI y/and TAF	SAZZMAMX TNCAYMYX SCZZMAMX SKZZMAMX MPZZMAMX SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
		TAF	SEZZMAMX MMMXYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
POTOSI	SLPO	METAR/SPECI	SBBRYZYX KWBCYMYX EGZMSAM
PUERTO SUAREZ	SLPS	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZMSAM
SUCRE	SLSU	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZMSAM
TARIJA	SLTJ	METAR/SPECI y/and TAF	SAZZMAMX SGZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
		TAF	MPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
TRINIDAD	SLTR	METAR/SPECI y/and TAF	SGZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
VIRU VIRU	SLVR	METAR/SPECI y/and TAF	SAZZMAMX SCZZMAMX SKZZMAMX MPZZMAMX SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
		TAF	SVZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
BRASIL			
BELEM/VAL DE CANS, PA	SBBE	METAR/SPECI y/and TAF	SLZZMAMX SOZZMAMX SYZZMAMX TNCCYMYX MPZZMAMX SMZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
		TAF	TNCAYMYX TBPBYMYX SKZZMAMX MUHAYMYX SEZZMAMX MMMXYMYX SBBRYZYX KWBCYMYX EGZMSAM
BELO HORIZONTE/TANCREDINO NE	SBCF	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZMSAM
		TAF	SLZZMAMX SCZZMAMX SGZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
BOA VISTA/ BOA VISTA, RR	SBBV	METAR/SPECI y/and TAF	SOZZMAMX SYZZMAMX SMZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
BRASILIA/PRES. JUSCELINO KUBI	SBBR	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
		TAF	SCZZMAMX SKZZMAMX SEZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
CAMPINAS/VIRACOPOS, SP	SBKP	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX SGZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZMSAM
		TAF	SCZZMAMX SKZZMAMX SEZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZMSAM

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
CAMPO GRANDE/CAMPO GRANDE	SBCG	METAR/SPECI y/and TAF	SLZZMAMX MPZZMAMX TUPJYMYX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
CORUMBA/CORUMBA, MS	SBCR	METAR/SPECI y/and TAF	SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
CRUZEIRO DO SUL/ CRUZEIRO DO SUL	SBCZ	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
CUIBA/MARECHA RONDON, MT	SBCY	METAR/SPECI y/and TAF	SLZZMAMX SOZZMAMX SYZZMAMX TNCCYMYX SGZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX TNCCYMYX TBPBYMYX SKZZMAMX MUHAYMYX MMMXYMYX MPZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
CURITIBA/AFONSO PENA, PR	SBCT	METAR/SPECI y/and TAF	SLZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
FLORIANAPOLIS/HERCILIO LUZ, SC	SBFL	METAR/SPECI y/and TAF	SAZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
FORTALEZA/PINTO MARTINS, CE	SBFZ	METAR/SPECI y/and TAF	SOZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
FOZ DO IGUAÇU/CATARATAS, PR	SBFI	METAR/SPECI y/and TAF	SAZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SCZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
MACAPA/MACAPA, AP	SBMQ	METAR/SPECI y/and TAF	SLZZMAMX SOZZMAMX SYZZMAMX TNCCYMYX MPZZMAMX SMZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	TNCCYMYX TBPBYMYX SKZZMAMX MUHAYMYX SEZZMAMX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
MACEIÓ/TMA	SBMO	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
MANAUS/EDUARDO GOMES, AM	SBEG	METAR/SPECI y/and TAF	SLZZMAMX SOZZMAMX SYZZMAMX TNCCYMYX SGZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX TNCCYMYX TBPBYMYX SKZZMAMX MUHAYMYX MMMXYMYX MPZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
NATAL /AUGUSTO SEVERO, RN	SBNT	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
PONTA PORA/PONTA PORA, MS	SBPP	METAR/SPECI y/and TAF	SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
PORTO ALEGRE/SALGADO FILHO,	SBPA	METAR/SPECI y/and TAF	SAZZMAMX SCZZMAMX SGZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SLZZMAMX SKZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
RECIFE/GUARARAPES - GILBERTO	SBRF	METAR/SPECI y/and TAF	SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
RIO DE JANEIRO/GALEAO-ANTONI	SBGL	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX SCZZMAMX SGZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX SEZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
SALVADOR/DEPUTADO LUIS EDUARDO	SBSV	METAR/SPECI y/and TAF	SGZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
SANTAREM/SANTAREM, PA	SBSN	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX MPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	TBPBYMYX SKZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
SAO LUIS/MARECHAL CUNHA MAC	SBSL	METAR/SPECI y/and TAF	SOZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
SAO PAULO/GUARULHOS, GOVER	SBGR	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX SCZZMAMX MPZZMAMX SGZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX MUHAYMYX SEZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
TABATINGA/ TABATINGA, AM	SBTT	METAR/SPECI y/and TAF	SLZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	MWCYMYX SBBRYZYX KWBCYMYX EGZZMSAM
URUGUAIANA/RUBEM BERTA, RS	SBTT	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
BRITISH VIRGIN ISLANDS (UNITED KINGDOM)			
TERRANCE B. LETTSOME, TORTOL	TUPJ	METAR/SPECI y/and TAF	TJSJYMYX TKPKYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
VIRGIN GORDA, B.B.V.I	TUPW	METAR/SPECI y/and TAF	TJSJYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
CAYMAN ISLANDS (UNITED KINGDOM)			
GERRARD SMITH INTL/CAYMAN B	MWCB	METAR/SPECI y/and TAF	MROCXYMYX MKJPYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	MMMXYMYX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
OWEN ROBERTS INTL/GRAND CA	MWCR	METAR/SPECI y/and TAF	MROCXYMYX MKJPYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
CHILE			
ANTOFAGASTA/AD CERRO MORE	SCFA	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX MPZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
ARICA/AP CHACALLUTA	SCAR	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX MPZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SEZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
BALMACEDA/AD BALMACEDA	SCBA	METAR/SPECI/TAF	SBBRYZYX KWBCYMYX EGZZMSAM
CALAMA/AD EL LOA	SCCF	METAR/SPECI/TAF	SBBRYZYX KWBCYMYX EGZZMSAM
CONCEPCION/AD CARRIEL SUR	SCIE	METAR/SPECI y/and TAF	SAZZMAMX MPZZMAMX SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
IQUIQUE/AD DIEGO ARACENA	SCDA	METAR/SPECI y/and TAF	SLZZMAMX SGZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
LA SERENA/AD LA FLORIDA	SCSE	METAR/SPECI/TAF	SBBRYZYX KWBCYMYX EGZZMSAM
OSORNO/AD CANAL BAJO-CARLOS HO	SCJO	METAR/SPECI/TAF	SBBRYZYX KWBCYMYX EGZZMSAM
PUERTO MONTT/AD EL TEPUAL	SCTE	METAR/SPECI y/and TAF	SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	MUHAYMY SBBRYZYX KWBCYMYX EGZZMSAM
PUNTA ARENAS/AD PDTE. CARLO	SCCI	METAR/SPECI y/and TAF	SAZZMAMX SGZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
SANTIAGO/AP ARTURO MERINO B.	SCEL	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX MPZZMAMX SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX SEZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
COLOMBIA			
BARRANQUILLA/ATLANTICO	SKBQ	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX MPZZMAMX SGZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SCZZMAMX SEZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
BUARAMANGA/SANTANDER	SKBG	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
CALI/VALLE	SKCL	METAR/SPECI y/and TAF	SAZZMAMX TNCAYMYX SLZZMAMX SEZZMAMX MKJPYMYX TNCCYMYX MPZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SCZZMAMX SEZZMAMX GPYYMYX MMMXYMYX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMSAM
CARTAGENA/BOLIVAR	SKCG	METAR/SPECI y/and TAF	TNCAYMYX MHTGYMYX MPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX MUHAYMY SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
CUCUTAN. S/DER	SKCC	METAR/SPECI y/and TAF	MUHAYMYX MHTGYMYX SBBRYZYX KWBCYMYX EGZZMSAM
LETICIA/AMAZONAS	SKLT	METAR/SPECI y/and TAF	SLZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	MWCRYMYX SBBRYZYX KWBCYMYX EGZZMSAM
PEREIRA/RISARALDA	SKPE	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
RIONEGRO/ANTIOQUIA	SKRG	METAR/SPECI y/and TAF	SEZZMAMX S TGPYYMYX MHTGYMYX MKJPYMYX TNCCYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SCZZMAMX MUHAYMY SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
S/FE DE BOGOTA/C/MARCA	SKBO	METAR/SPECI y/and TAF	TNCAYMYX SLZZMAMX MROCXYMYX SEZZMAMX MHTGYMYX MKJPYMYX TNCCYMYX MPZZMAMX SPZZMAMX TTPPYMYX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX MDSYMYX TFFFYMYX TFFRYMYX TGPYYMYX MMMXYMYX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMSAM
SAN ANDRES/ILSA	SKSP	METAR/SPECI y/and TAF	MROCXYMYX MUHAYMY MSSSYMYX MGGTYMYX MHTGYMYX MKJPYMYX MNMGYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
COSTA RICA			
ALAJUELA/JUAN SANTAMARIA INT	MROC	METAR/SPECI y/and TAF	MYNNYMYX SKZZMAMX MUHAYMYX MDSYMYX MSSSYMYX MGGTYMYX MHTGYMYX MKJPYMYX MMMXYMYX TNCCYMYX MNMGYMYX MPZZMAMX TJSJYMYX TUPJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX TNCAYMYX SCZZMAMX SEZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
LIBERIA/DANIEL ODUBER QUIROS	MRLB	METAR/SPECI y/and TAF	MSSSYMYX MNMGYMYX MPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
LIMON/INTL.	MRLM	METAR/SPECI y/and TAF	SKZZMAMX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
PAVAS/TOBIAS BOLANOS INTL.	MRPV	METAR/SPECI y/and TAF	MSSSYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
CUBA			
CAMAGUEY/IGNACIO AGRAMONT	MUCM	METAR/SPECI y/and TAF	MROCXYMYX SPZZMAMX MKJPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX TBPBYMYX SYZZMAMX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
CAYO COCO/JARDINES DEL REY	MUCC	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
CAYO LARGO DEL SUR/VILO ACUN	MUCL	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
		METAR/SPECI y/and TAF	MRCOYMYX MKJPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
CIEGO DE AVILA/MAXIMO GOMEZ	MUCA	TAF	SAZZMAMX TBPBYMYX SYZZMAMX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
GUANTANAMO (US NAVAL AIR BASE)	MUGM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
MUHA HABANA/JOSE MARTI INTL.	MUHA	METAR/SPECI y/and TAF	MYNNYMYX SLZZMAMX MROCYMYX MDSYMYX MKJPYMYX TNCCYMYX MNMGYMYX MPZZMAMX TJSJYMYX SVZZMAMX MKJPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX TBPBYMYX SEZZMAMX SYZZMAMX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
HOLGUIN/FRANK PAIS INTL. - CIVI	MUHG	METAR/SPECI y/and TAF	MYNNYMYX SLZZMAMX MROCYMYX MDSYMYX MKJPYMYX TNCCYMYX MNMGYMYX MPZZMAMX TJSJYMYX SVZZMAMX MKJPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX TBPBYMYX SEZZMAMX SYZZMAMX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
SANTIAGO DE CUBA/ANTONIO MA	MUCU	METAR/SPECI y/and TAF	MDSYMYX MKJPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SKZZMAMX MUHAYMY SBBRYZYX KWBCYMYX EGZZMCAR
VARADERO/JUAN G. GOMEZ INTL	MUVR	METAR/SPECI y/and TAF	MDSYMYX SGZZMAMX SV SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SKZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
DOMINICA			
MELVILLE HALL, DOMINICA	TDPD	METAR/SPECI y/and TAF	TFFYMYX TFFRYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TAPAYMYX SBBRYZYX KWBCYMYX EGZZMCAR
ROSEAU, DOMINICA	TDPR	METAR/SPECI y/and TAF	TFFYMYX TFFRYMYX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
DOMINICAN REPUBLIC			
BARAHONA	MDBH	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
LA ROMANA/INTL	MDLR	METAR/SPECI y/and TAF	SUZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	MKJPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
PUERTO PLATA	MDPP	METAR/SPECI y/and TAF	MUHAYMYX TGPYMYX MTPPYMYX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SPZZMAMX MBGTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
PUNTA CANA	MDPC	METAR/SPECI y/and TAF	SKZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
SANTIAGO/CIBAO	MDST	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	MKJPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
MDHE SANTO DOMINGO/HERRERA	MDHE	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
SANTO DOMINGO/JOSE FRANCISC	MDSO	METAR/SPECI y/and TAF	TNCAYMYX MYNNYMYX TBPBYMYX SKZZMAMX MROCYMYX MUHAYMYX TFFYMYX TFFRYMYX TGPYMYX MTPPYMYX MHTGYMYX MKJPYMYX TNCCYMYX MNMGYMYX MPZZMAMX TJSJYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SEZZMAMX SOZZMAMX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
ECUADOR			
GUAYAQUIL	SEGU	METAR/SPECI y/and TAF	SLZZMAMX SKZZMAMX TNCCYMYX MPZZMAMX SGZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX MWCYMYX SCZZMAMX MUHAYMYX MMMXYMYX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMSAM
LATACUNGA	SELT	METAR/SPECI y/and TAF	SLZZMAMX SKZZMAMX TNCCYMYX MPZZMAMX SGZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX MWCYMYX SCZZMAMX MROCYMYX MUHAYMYX MMMXYMYX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMSAM
MANTA	SEMT	METAR/SPECI y/and TAF	SLZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SCZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
QUITO	SEQU	METAR/SPECI y/and TAF	SLZZMAMX SKZZMAMX TNCCYMYX MPZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX MROCYMYX MUHAYMYX MMMXYMYX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMSAM
EL SALVADOR			
AEROPUERTO INTERNACIONAL D	MSSS	METAR/SPECI y/and TAF	MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
AEROPUERTO INTERNACIONAL EL	MSLP	METAR/SPECI y/and TAF	MZBZYMYX MRCOYMYX MUHAYMY MGGTYMYX MHTGYMYX MKJPYMYX MMXMYMYX MNMGYMYX MPZZMAMX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SPZZMAMXTJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
FRENCH ANTILLES (FRANCE)			
FORT DE FRANCE /LE LAMENTIN	TFFF	METAR/SPECI y/and TAF	TAPAYMYX TNCAYMYX TBPBYMYX MUHAYMYX TDPDYMYX MDSYMYX SOZZMAMX TGPYMYX SYZZMAMX MKJPYMYX TRPMYMYX TNCCYMYX MPZZMAMX TJSJYMYX TLPYMYX TVSVYMYX TTPPYMYXSVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SKZZMAMX SEZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
POINTE A PITRE, LE RAIZET, GUA	TFFR	METAR/SPECI y/and TAF	TAPAYMYX TNCAYMYX TBPBYMYX SKZZMAMX MUHAYMYX TDPDYMYX MDSYMYX SOZZMAMX SYZZMAMX MKJPYMYX TRPMYMYX TNCCYMYX

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
			MPZZMAMX TJSJYMYX TKPKYMYX TLPLYMYX TVSVYMYX TTPPYMYXSVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SEZZMAMX MTPPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
SAINT BARTHELEMY, FRENCH AN	TFFJ	METAR/SPECI y/and TAF	TQPFYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	MKJPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
SAINT MARTIN, GRANDE CASE, G	TFFG	METAR/SPECI y/and TAF	SKZZMAMX SMZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX MUHAYMY SBBRYZYX KWBCYMYX EGZZMCAR
FRENCH GUIANA (FRANCE)			
SOCA CAYENNE-ROCHAMBEAU	SOCA	METAR/SPECI y/and TAF	TBPBYMYX TFFRYMYX TFFRYMYX SYZZMAMX TNCCYMYX SMZZMAMX TTPPYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SEZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
GRENADA			
LAURISTON, CARRIACOU, GRENA	TGPZ	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
POINT SALINES, GRENADA	TGPY	METAR/SPECI y/and TAF	TAPAYMYX TBPBYMYX MZBZYMYX SKZZMAMX TLPLYMYX TVSVYMYX TTPPYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
GUATEMALA			
LA AURORA	MGGT	METAR/SPECI y/and TAF	MYNNYMYX MZBZYMYX SKZZMAMX MRCOYMYX HUHAYMYX MDSYMYX MSSSYMYX MTPPYMYX MHTGYMYX MKJPYMYX MMMXYMYX TNCCYMYX MNMGYMYX MPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TNCAYMYX SEZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
PUERTO BARRIOS	MGPB	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
PUERTO DE SAN JOSE	MGSJ	METAR/SPECI y/and TAF	MYNNYMYX MZBZYMYX SKZZMAMX MRCOYMYX HUHAYMYX MDSYMYX MSSSYMYX MGGTYMYX MTPPYMYX MHTGYMYX MKJPYMYX MMMXYMYX TNCCYMYX MNMGYMYX MPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX TNCAYMYX SEZZMAMX SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
TIKAL	MGTK	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
GUYANA			
SYCJ CHEDDI JAGAN INTERNATIONAL	SYCJ	METAR/SPECI y/and TAF	TBPBYMYX SKZZMAMX MUHAYMYX FFFYMYX FFRYMYX SYZZMAMX MMMXYMYX TNCCYMYX SGZZMAMXTJSJYMYX TLPLYMYX TTPPYMYX MBGTYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
HAITI			
CAP HAITIEN	MTCH	METAR/SPECI y/and TAF	MBGTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
MTPP PORT-AU-PRINCE/INTL	MTPP	METAR/SPECI y/and TAF	MYNNYMYX SKZZMAMX MUHAYMYX MDSYMYX FFFYMYX FFRYMYX TNCCYMYX MPZZMAMX TJSJYMYX MBGTYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX TNCAYMYX TBPBYMYX SMZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
HONDURAS			
LA CEIBA/GOLOSON INTL	MHLC	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
ROATAN INTL.	MHRO	METAR/SPECI y/and TAF	MZBZYMYX MROCXYMYX MUHAYMYX MSSSYMYXMGGTYMYX MKJPYMYX MMMXYMYX MNMGYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
SAN PEDRO SULA/LA MESA	MHLM	METAR/SPECI y/and TAF	MZBZYMYX SKZZMAMX MROCXYMYX MUHAYMYX MSSSYMYXMGGTYMYX MKJPYMYX MMMXYMYX MNMGYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
TEGUCIGALPA/TONCONTIN	MHTG	METAR/SPECI y/and TAF	MZBZYMYX MROCXYMYX MUHAYMYX MSSSYMYXMGGTYMYX MKJPYMYX MNMGYMYX MPZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX MMMXYMYX SEZZMAMX SOZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
JAMAICA			
KINGSTON/NORMAN MANLEY	MKJP	METAR/SPECI y/and TAF	MYNNYMYX TBPBYMYX MZBZYMYX MWCYMYX SKZZMAMX MRCOYMYX HUHAYMYX MDSYMYX MGGTYMYX MTPPYMYX MHTGYMYX MMMXYMYX TRPMYMYX TNCCYMYX SGZZMAMX TJSJYMYX MBGTYMYX TUPJYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX TNCAYMYX SEZZMAMX SOZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF / REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
MONTEGO BAY/SANGSTER	MKJS	METAR/SPECI y/and TAF	MYNNYMYX TBPBYMYX MZBZYMYX MWCYRYMYX SKZZMAMX MRCOYMYX HUHAYMYX MGGTYMYX MTPPYMYX MHTGYMYX MMMXYMYX TNCCYMYX MPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
MEXICO			
ACAPULCO	MMAA	METAR/SPECI y/and TAF	MROCYMYX MUHAYMYX MSSSYMYX MGGTYMYXMPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX MYNNYMYX SKZZMAMX SEZZMAMX MHTGYMYX SEZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
AEROPUERTO DEL NORTE	MMAN	METAR/SPECI y/and TAF	MPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SEZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
AGUASCALIENTES	MMAS	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
BAHIAS DE HUATULCO	MMBT	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
CAMPECHE	MMCP	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
CANCUN	MMUN	METAR/SPECI y/and TAF	MYNNYMYX MUHAYMYX MDSYMYX MHTGYMYX MKJPYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SKZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
CD. JUAREZ	MMCS	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
CD. VICTORIA	MMCV	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
CHETUMAL	MMCM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
CHIHUAHUA	MMCU	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
CIUDAD ACUNA	MMCC	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
CIUDAD DEL CARMEN	MMCE	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
CIUDAD OBREGON	MMCN	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
COZUMEL	MMCZ	METAR/SPECI y/and TAF	MYNNYMYX MZBZYMYX MWCYRYMYX MROCYMYX MUHAYMYX MSSSYMYX MGGTYMYX MNMGYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TBPBYMYX MHTGYMYX SPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
CULIACAN	MMCL	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
DURANGO	MMDO	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
GUADALAJARA	MMGL	METAR/SPECI y/and TAF	MYNNYMYX MUHAYMYX BBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SKZZMAMX SEZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
GUAYMAS	MMGM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
HERMOSILLO	MMHO	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
IXTAPA-ZIHUATANEJO	MMZH	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
LA PAZ	MMLP	METAR/SPECI y/and TAF	MSSSYMYX SBBRYZYX KWBCYMYX EGZZMCAR
LEON	MMLO	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
LORETO	MMLT	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
MANZANILLO	MMZO	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
MATAMORO	MMMA	METAR/SPECI y/and TAF	MUHAYMY MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SEZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
MAZATLAN	MMMZ	METAR/SPECI y/and TAF	MSSSYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
MERIDA	MMMD	METAR/SPECI y/and TAF	MYNNYMYX MZBZYMYX MWCYRYMYX MROCYMYX MUHAYMYX MSSSYMYX MGGTYMYX MTPPYMYX MNMGYMYX MPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TBPBYMYX MHTGYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
MEXICALI	MMML	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
MEXICO	MMM	METAR/SPECI y/and TAF	MYNNYMYX MZBZYMYX SLZZMAMX MROCYMYX MUHAYMYX MDSYMYX MSSSYMYX MGGTYMYX MHTGYMYX MNMGYMYX MPZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX SCZZMAMX SKZZMAMX SEZZMAMZ SPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
MONTERREY	MMMY	METAR/SPECI y/and TAF	MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SEZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
MORELIA	MMMM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
NOGALES	MMNG	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
NUEVO LAREDO	MMNL	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
OAXACA	MMOX	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
PIEDRAS NEGRAS	MMPG	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
PUERTO ESCONDIDO	MMP	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
PUERTO VALLARTA	MMPR	METAR/SPECI y/and TAF	MZBZMYX SLZZMAMX MROCYMYX MUHAYMYX MDSYMYX MSSSYMYX MGTYMYX MHTGYMYX MNMGYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX MYNNYMYX SCZZMAMX SKZZMAMX SPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
REYNOSA	MMRX	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
SAN FELIPE	MMSF	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
SAN JOSE DEL CABO	MMSD	METAR/SPECI y/and TAF	MSSSYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX MUHAYMY SBBRYZYX KWBCYMYX EGZZMCAR
SAN LUIS POTOSI	MMSP	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
TAMPICO	MMTM	METAR/SPECI y/and TAF	MZBZMYX SLZZMAMX MROCYMYX MUHAYMYX MDSYMYX MSSSYMYX MGTYMYX MHTGYMYX MNMGYMYX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX MYNNYMYX SCZZMAMX SKZZMAMX SEZZMAMZ SPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
TAPACHULA	MMTP	METAR/SPECI y/and TAF	MSSSYMYX SBBRYZYX KWBCYMYX EGZZMCAR
TIJUANA	MMTJ	METAR/SPECI y/and TAF	MSSSYMYX SBBRYZYX KWBCYMYX EGZZMCAR
TOLUCA	MMTO	METAR/SPECI y/and TAF	MSSSYMYX SBBRYZYX KWBCYMYX EGZZMCAR
TORREON	MMTC	METAR/SPECI y/and TAF	MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SEZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
VERACRUZ	MMVR	METAR/SPECI y/and TAF	MZBZMYX SLZZMAMX MROCYMYX MUHAYMYX MDSYMYX MSSSYMYX MGTYMYX MHTGYMYX MNMGYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX MYNNYMYX SCZZMAMX SKZZMAMX SEZZMAMZ SPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
VILLAHERMOSA	MMVA	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
ZACATECAS	MMZC	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
NETHERLANDS ANTILLES (NETHERLANDS)			
BONAIRE/FLAMINGO	TNCB	METAR/SPECI y/and TAF	SYZZMAMX MTPPYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
CURACAO/AEROPUERTO HATO	TNCC	METAR/SPECI y/and TAF	TAPAYMYX MYNNYMYX SKZZMAMX MUHAYMYX MDSYMYX SEZZMAMX TFFRYMYX TFFRYMYX MGGTYMYX SYZZMAMX MTPPYMYX MKJPYMYX MPZZMAMX TJSJYMYX SMZZMAMX TTPPYMYX SVZZMAMXSBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX MROCYMYX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
ST. EUSTATIUS/F.D ROOSEVELT	TNCE	METAR/SPECI y/and TAF	SKZZMAMX TJSJYMYX TKPKYMYX SBBRYZYX KWBCYMYX EGZZMCAR
ST. MAARTEN/PRINCESS JULIANA	TNCM	METAR/SPECI y/and TAF	SAZZMAMX TAPAYMYX TBPBYMYX MDSYMYX TFFRYMYX TFFRYMYX TJSJYMYX TKPKYMYX TUPJYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
NICARAGUA			
MANAGUA/MANAGUA	MNMG	METAR/SPECI y/and TAF	MZBZMYX SKZZMAMX MROCYMYX MUHAYMYX MDSYMYX MSSSYMYX MGTYMYX MHTGYMYX MMMXYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TJSJYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
PUERTO CABEZAS/ZELAYA	MNPC	METAR/SPECI y/and TAF	MROCYMYX MUHAYMYX MHTGYMYX MPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
PANAMA			
BOCAS DEL TORO/BOCAS DEL TORO	MPBO	METAR/SPECI	SBBRYZYX KWBCYMYX EGZZMSAM
CHANGUINOLA/MANUEL NINO	MPCH	METAR/SPECI	SBBRYZYX KWBCYMYX EGZZMSAM
DAVID/ENRIQUE MALEK	MPDA	METAR/SPECI y/and TAF	TNCAYMYX MYNNYMYX SLLZZMAMX MWCYMYX SKZZMAMX MRCOYMYX MUHAYMYX MDSYMYX SEZZMAMX MGGTYMYX MHTGYMYX MKJPYMYX MMMXYMYX TNCCYMYX MNMGYMYX SPZZMAMX TJSJYMYX TTPPYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX MSSSYMYX MTPPYMYX SBBRYZYX KWBCYMYX EGZZMSAM
PANAMA/MARCOS A. GELABERT	MPMG	METAR/SPECI y/and TAF	TNCAYMYX MYNNYMYX SLLZZMAMX MWCYMYX SKZZMAMX MRCOYMYX MUHAYMYX MDSYMYX SEZZMAMX MGGTYMYX MHTGYMYX MKJPYMYX MMMXYMYX TNCCYMYX MNMGYMYX SPZZMAMX TJSJYMYX TTPPYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX MSSSYMYX MTPPYMYX SBBRYZYX KWBCYMYX EGZZMSAM
PANAMA/TOCUMEN	MPTO	METAR/SPECI y/and TAF	TNCAYMYX MYNNYMYX SLLZZMAMX MWCYMYX SKZZMAMX MRCOYMYX MUHAYMYX MDSYMYX SEZZMAMX MGGTYMYX MHTGYMYX MKJPYMYX MMMXYMYX TNCCYMYX MNMGYMYX SPZZMAMX TJSJYMYX TTPPYMYX

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
			SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX MSSSYMYX MTPPYMYX SBBRYZYX KWBCYMYX EGZZMSAM
PARAGUAY			
ASUNCION/S.PETTIROSSI	SGAS	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX SCZZMAMX MMMXYMYX MPZZMAMX SPZZMAMX SUZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
CIUDAD DEL ESTE/GUARANI	SGES	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
PERU			
ANDAHUAYLAS	SPHY	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
SPQU AREQUIPA/RODRIGUEZ BALLON	SPQU	METAR/SPECI y/and TAF	SCZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
AYACUCHO/CORONEL FAP ALFREDO M	SPHO	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
CHICLAYO/CAP. JOSE ABELARDO	SPHI	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SKZZMAMX TNCAYMYX SEZZMAMX TNCCYMYX MPZZMAMX SGZZMAMX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX TNCAYMYX MWCYMYX MROCXYMYX MUHAYMY MMMXYMYX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMSAM
CUSCO/VELAZCO ASTETE	SPZO	METAR/SPECI y/and TAF	SLZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
IQUITOS/CORONEL FAP FRANCIS	SPQT	METAR/SPECI y/and TAF	SKZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	MWCYMYX SBBRYZYX KWBCYMYX EGZZMSAM
JULIACA	SPJL	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
LIMA-CALLAO/INTL JORGE CHAVE	SPIM	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SKZZMAMX SEZZMAMX MPZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX TNCAYMYX MWCYMYX MROCXYMYX MUHAYMY MMMXYMYX TNCCYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
PISCO	SPSO	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SKZZMAMX SEZZMAMX MPZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX MWCYMYX MROCXYMYX MUHAYMY SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
PTO. MALDONADO/PADRE ALDAMIZ	SPTU	METAR/SPECI	SBBRYZYX KWBCYMYX EGZZMSAM
TACNA/CORONEL FAP CARLOS CI	SPTN	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX MUHAYMY SBBRYZYX KWBCYMYX EGZZMSAM
SPYL TALARA/CAPITAN MONTES	SPYL	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
TRUJILLO/CAPITAN CARLOS MART	SPRU	METAR/SPECI y/and TAF	SLZZMAMX SCZZMAMX SKZZMAMX SEZZMAMX MPZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX TNCAYMYX MWCYMYX MROCXYMYX MUHAYMY MMMXYMYX TNCCYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
TUMBES/PEDRO CANGA	SPME	METAR/SPECI	SBBRYZYX KWBCYMYX EGZZMSAM
PUERTO RICO (UNITED STATES)			
AGUADILLA/RAPHAEL HERNANDE	TJBQ	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
FAJARDO/DIEGO JIMENEZ TORRE	TJFA	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
MAYAGUEZ/EUGENIO MARIA DE HOST	TJMZ	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
PONCE/MERCEDITA, PR.	TJPS	METAR/SPECI y/and TAF	TQPFYMYX TAPAYMYX TBPBYMYX SKZZMAMX TDPDYMYX MDSDYMYX TFFFYMYX TFFRYMYX MTPPYMYX MKJPYMYX TNCCYMYX MPZZMAMX TKPKYMYX TUPJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TNCAYMYX MROCXYMYX SEZZMAMX MGGTYMYX MUHAYMY TJSJYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
ROOSEVELT ROADS NAS,PR.	TJNR	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
SAN JUAN/LUIS MUNOZ MARIN INT	TJSJ	METAR/SPECI y/and TAF	TQPFYMYX TAPAYMYX TNCAYMYX TBPBYMYX SKZZMAMX MUHAYMYX TDPDYMYX MDSDYMYX TFFFYMYX TFFRYMYX MTPPYMYX MKJPYMYX MMMXYMYX TNCCYMYX MPZZMAMX TKPKYMYX TLPYMYX TTPPYMYX SVZZMAMX TUPJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	SAZZMAMX MROCXYMYX SEZZMAMX SOZZMAMX MGGTYMYX MHTGYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
VIEQUES,ISLA DE VIQUES,PR.	TJVQ	METAR/SPECI y/and TAF	TQPFYMYX TAPAYMYX TBPBYMYX SKZZMAMX TDPDYMYX MDSDYMYX TFFFYMYX TFFRYMYX MTPPYMYX MKJPYMYX TNCCYMYX MPZZMAMX TKPKYMYX TUPJYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TNCAYMYX MROCXYMYX SEZZMAMX MGGTYMYX MMMXYMYX TJSJYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
SAINT KITTS AND NEVIS			
ROBERT L. BRADSHAW, ST. CHRIS	TKPK	METAR/SPECI y/and TAF	TQPFYMYX TAPAYMYX TFFFYMYX TFFRYMYX TRPMYMYX TNCCYMYX TJSJYMYX TTPPYMYX TUPJYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
VANCE WINKWORTH AMORY, ST.	TKPN	METAR/SPECI y/and TAF	TQPFYMYX TNCCYMYX TJSJYMYXSBBRYZYX KWBCYMYX EGZZMCAR

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
SAINT LUCIA			
GEORGE CHARLES, SAINT LUCIA	TLPC	METAR/SPECI y/and TAF	TAPAYMYX TBPBYMYX TFFFYMYX TFFRYMYX TPGGYMYX SYZZMAMX TJSJYMYX TVSVYMYX TTPPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
HEWANORRA SAINT LUCIA	TLPL	METAR/SPECI y/and TAF	TAPAYMYX TBPBYMYX MZBZYMYX SKZZMAMX MDSDYMYX TFFFYMYX TFFRYMYX TPGGYMYX MTPPYMYX MKJPYMYX TNCCYMYX TJSJYMYX TKPKYMYX TTPPYMYX SVZZMAMX TUPJYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	MROCYMYX MGGTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
SAINT VINCENT AND THE GRENADINES			
CANOUAN,ST.VINCENT AND THE	TVSC	METAR/SPECI y/and TAF	TBPBYMYX MZBZYMYX TFFFYMYX TFFRYMYX TGPYYMYX TLPLYMYX TTPPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
E.T.JOSHUA,ST.VINCENT, AND TH	TVSV	METAR/SPECI y/and TAF	TBPBYMYX MZBZYMYX TFFFYMYX TFFRYMYX TGPYYMYX TLPLYMYX TTPPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
J.F. MITCHELL,BEQUIA ST.VINCEN	TVSB	METAR/SPECI y/and TAF	SYZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
MUSTIQUE,ST.VINCENT AND THE	TVSM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
UNION ISLAND,ST.VINCENT AND T	TVSU	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMCAR
SURINAME			
J.A. PENGEL INTL.AIRP	SMJP	METAR/SPECI y/and TAF	TBPBYMYX SKZZMAMX TFFFYMYX TFFRYMYX SOZZMAMX SYZZMAMX TNCCYMYX TJSJYMYX TTPPYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SEZZMAMX MTPPYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
NICKERIE/MAJ. FERNANDES	SMNI	METAR/SPECI y/and TAF	TBPBYMYX SKZZMAMX TFFFYMYX TFFRYMYX SOZZMAMX SYZZMAMX TNCCYMYX TJSJYMYX TTPPYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SEZZMAMX MTPPYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
ZORG EN HOOP	SMZO	METAR/SPECI y/and TAF	SYZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
TRINIDAD AND TOBAGO			
CROWN POINT,TOGAGO	TTCP	METAR/SPECI y/and TAF	TAPAYMYX TBPBYMYX TFFFYMYX TFFRYMYX TPGGYMYX SYZZMAMX TNCCYMYX TKPKYMYX TLPLYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
PIARCO,TRINIDAD	TTPP	METAR/SPECI y/and TAF	TAPAYMYX TBPBYMYX SKZZMAMX MDSDYMYX TFFFYMYX TFFRYMYX TPGGYMYX SYZZMAMX MTPPYMYX MKJPYMYX TNCCYMYX TJSJYMYX TKPKYMYX TLPLYMYX TVSVYMYX SMZZMAMX SVZZMAMX TUPJYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	TNCAYMYX MSSYMYX SOZZMAMX MGGTYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMCAR
TURKS AND CAICOS IS. (UK)			
GRAND TURK	MBGT	METAR/SPECI y/and TAF	SMDSDYMYX MTPPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
PROVIDENCIALES	MBPV	METAR/SPECI y/and TAF	MTPPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
		TAF	MYNNYMYX SBBRYZYX KWBCYMYX EGZZMCAR
SOUTH CAICOS	MBSC	METAR/SPECI y/and TAF	MTPPYMYX SBBRYZYX KWBCYMYX EGZZMCAR
URUGUAY			
COLONIA/INTL "LAGUNA DE LOS P	SUCA	METAR/SPECI y/and TAF	SAZZMAMX SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
MALDONADO/ INTL C/C CARLOS A.	SULS	METAR/SPECI y/and TAF	SAZZMAMX SGZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
MONTEVIDEO/AD ANGEL S. ADAMI	SUAA	METAR/SPECI y/and TAF	SAZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
MONTEVIDEO/INTL.CARRASCO "G	SUMU	METAR/SPECI y/and TAF	SAZZMAMX SLZZMAMX SCZZMAMX SGZZMAMX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SKZZMAMX MUHAYMY MMMXYMYX SVZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
RIVERA/INTL. PRESIDENTE GENE	SURV	METAR/SPECI y/and TAF	SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
SALTO/INTL.NUEVA HESPERIDES	SUSO	METAR/SPECI y/and TAF	SGZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
VENEZUELA			
ACARIGUA, PORTUGUESA	SVAC	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
B. A. GENERALISIMO FRANCISCO DE MIRANDA	SVFM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
BARCELONA, ANZOATEGUI	SVBC	METAR/SPECI y/and TAF	TTPPYMYX SBBRYZYX KWBCYMYX EGZZMSAM
BARINAS, BARINAS	SVBI	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
BARQUISIMETO, LARA	SVBM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
CALABOZO, GUARICO	SVCL	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
CIUDAD BOLIVAR, BOLIVAR	SVCB	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
CORO, FALCON	SVCR	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
CUMANA, SUCRE	SVCU	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
GUANARE, PORTUGUESA	SVGU	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
GUIRIA, SUCRE	SVGI	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
HIGUEROTE, MIRANDA	SVHG	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM

CITY/AERODROME/ CIUDAD/AERÓDROMO	Ind. de lugar OACI	INTERNACIONAL OPMET REQUIREMENT OF/ REQUERIMIENTO INTERNACIONAL DE METAR/SPECI y TAF	Direcciones AFTN / AFTN Addresses
MAIQUETIA, INTERNACIONAL SIMON BOLIVAR	SVMI	METAR/SPECI y/and TAF	TAPAYMYX TNCAYMYX MYNNYMYX TBPBYMYX SLZZMAMX SKZZMAMX MUHAYMYX TDPDYMYX MDSDYMYX SEZZMAMX TFFFYMYX TFFRYMYX SOZZMAMX TGPYMYX SYZZMAMX MTPPYMYX MKJPYMYX TNCCYMYX MPZZMAMX TJSJYMYX TKPKYMYX TLPLYMYX SMZZMAMX TTPPYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX MGGTYMYX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
MARACAIBO, ZULIA	SVMC	METAR/SPECI y/and TAF	TNCAYMYX MYNNYMYX SKZZMAMX MUHAYMYX MDSDYMYX SEZZMAMX MKJPYMYX TNCCYMYX MPZZMAMX TJSJYMYX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SLZZMAMX MGGTYMYX MMMXYMYX SPZZMAMX MGGTYMYX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
MARGARITA, NUEVA ESPARTA	SVMG	METAR/SPECI y/and TAF	TBPBYMYX SKZZMAMX SEZZMAMX TFFFYMYX TFFRYMYX TNCCYMYX MPZZMAMX TJSJYMYX SMZZMAMX TTPPYMYX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX TNCAYMYX MGGTYMYX MMMXYMYX SBBRYZYX KWBCYMYX EGZZMSAM
MATURIN, MONAGAS	SVMT	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
MERIDA, MERIDA	SVMD	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
PARAGUANA, JOSEFA CAMEJO, F	SVJC	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
PUERTO AYACUCHO, AMAZONAS	SVPA	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
SAN ANTONIO, TACHIRA	SVSA	METAR/SPECI y/and TAF	MPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
SAN FERNANDO DE APURE, APURE	SVSR	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
SAN JUAN DE LOS MORROS, GUARICO	SVJM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
SANTO DOMINGO, B.A.MAYOR BUENAVENTURA	SVSO	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
TUMEREMO, BOLIVAR	SVTM	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
VALENCIA, CARABOBO	SVVA	METAR/SPECI y/and TAF	TAPAYMYX TNCAYMYX MYNNYMYX TBPBYMYX SLZZMAMX SKZZMAMX MUHAYMYX TDPDYMYX MDSDYMYX SEZZMAMX TFFFYMYX TFFRYMYX SOZZMAMX TGPYMYX SYZZMAMX MTPPYMYX MKJPYMYX TNCCYMYX MPZZMAMX TJSJYMYX TKPKYMYX TLPLYMYX SMZZMAMX TTPPYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMSAM
		TAF	SAZZMAMX SCZZMAMX MGGTYMYX MMMXYMYX SPZZMAMX SBBRYZYX KWBCYMYX EGZZMSAM
VALLE DE LA PASCUA, GUARICO	SVVP	METAR/SPECI y/and TAF	SBBRYZYX KWBCYMYX EGZZMSAM
VIRGIN ISLANDS (UNITED KINGDOM)			
ROADTOWN	TUPJ	METAR/SPECI y/and TAF	TJSJYMYX TKPKYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
VIRGIN GORDA i.	TUPW	METAR/SPECI y/and TAF	TJSJYMYX TISTYMYX SBBRYZYX KWBCYMYX EGZZMCAR
VIRGIN ISLANDS (UNITED STATES)			
CHARLOTTE AMALIE ST. THOMAS/	TIST	METAR/SPECI y/and TAF	TJSJYMYX TKPKYMYX SBBRYZYX KWBCYMYX EGZZMCAR
HENRY.E.ROHLSSEN	TISX	METAR/SPECI y/and TAF	TJSJYMYX SBBRYZYX KWBCYMYX EGZZMCAR

ADJUNTO/ATTACHMENT

DIRECCIONES AFTN PARA EL INTERCAMBIO DE DATOS OPMET EN LOS ESTADOS DE LAS REGIONES CAR/SAM /AFTN ADDRESSES TO EXCHANGE OPMET DATA IN CAR/SAM STATES

Estado/Banco/ISCS, SADIS / State/Bank/ISCS, SADIS	AFTN
Anguilla I. (U.K.)	TQPFYMYX
Antigua and Barbuda	TAPAYMYX
Argentina	SAZZMAMX
Aruba (Netherlands)	TNCAYMYX
Bahamas	MYNNYMYX
Barbados	TBPBYMYX
Belize	MZBZMYX
Bolivia	SLZZMAMX
Brazil	SBBRYZYX
Cayman Is. (U.K.)	MWCRYMYX
Chile	SCZZMAMX
Colombia	SKZZMAMX
Costa Rica	MROCYMYX
Cuba	MUHAYMYX
Dominica	TDPDYMYX
Dominican Republic	MDSDYMYX
Ecuador	SEZZMAMX
El Salvador	MSSSYMYX
French Antilles (France)	TFFFYMYX-TFFRYMYX
French Guiana (France)	SOZZMAMX
Grenada	TGPYMYX
Guatemala	MGGYMYX
Guyana	SYZZMAMX
Haiti	MTPPYMYX
Honduras	MHTGYMYX
Jamaica	MKJPYMYX
Mexico	MMXMYMYX
Montserrat I. (U.K.)	TRPMYMYX
Netherland Antilles (Netherlands)	TNCCYMYX
Nicaragua	MNMGYMYX
Panama	MPZZMAMX
Paraguay	SGZZMAMX
Peru	SPZZMAMX
Puerto Rico (U.S.)	TJSJYMYX
Saint Kitts and Nevis	TKPKYMYX
Saint Lucia	TLPLYMYX
S. Vincent and the Grenadines	TVSVYMYX
Suriname	SMZZMAMX
Trinidad and Tobago	TTPPYMYX
Turks and Caicos Islands (U.K.)	MBGTYMYX
Uruguay	SUZZMAMX
Venezuela	SVZZMAMX
Virgin Islands (U.K.)	TUPJYMYX
Virgin Islands (U.S.)	TISTYMYX
Banco OPMET de Brasilia/rasilia OPMET data Bank	SBBRYZYX
Viena OPDB (Solo/only SIGMET WV)	LOZZMMSS
ISCS	KWBCYMYX
VAAC Buenos Aires	SAZZMAMX
VAAC Washington	KWBCYMYX
SADIS (Estados de la Región CAR/CAR Region States)	EGZZMCAR
SADIS (Estados de la Región SAM/SAM Region States)	EGZZMSAM

Nota: El envío de los ASHTAM y NOTAM sobre cenizas volcánicas al SADIS deben hacerse a través del VAAC de Londres a la dirección AFTN: EGZZVANW / The remittance of ASHTAM and NOTAM on volcanic ash to SADIS should be done through the VACC of London to the AFTN address: EGZZVANW

EDIS Access Request Form

1. Name of NMC or sender: _____

2. From eMail Address: _____

3. Name of Contact(s): _____

4. Phone number(s): _____

5. Name of Shift Observer(s): _____

6. Phone Number(s): _____

7. Name of Chief Forecaster: _____

6. Phone Number(s): _____

C&A POC Information

Name of NMC:

- 1) Operations Point of Contact (Name, Phone Number, Email)
- 2) Technical Point of Contact (Name, Phone Number, Email)
- 3) Management Point of Contact (Name, Phone Number, Email)

Table 3-1. Aeronautical meteorological information supplied to ATS units

<i>Information</i>	<i>Distributor</i>	<i>Destination</i>	<i>Frequency</i>	<i>Communications means</i>
METAR and local routine reports with trend forecast*, as required	Aeronautical MET station [trend forecast prepared by MET office]	TWR APP ACC FIC COM station	Hourly**	See Note 1 See Note 1 See Note 1 See Note 1 See Note 2
SPECI and local special reports with trend forecast*, as required	Aeronautical MET station [trend forecast prepared by MET office]	TWR APP ACC FIC COM station	When warranted	See Note 1 See Note 1 See Note 2 See Note 2 See Note 2
TAF	MET office	TWR APP ACC FIC COM station	Every 3 or 6 hours	See Note 1 See Note 1 See Note 1 or 2 See Note 1 or 2 See Note 2
Aerodrome warnings	MET office	TWR APP COM station Aerodrome services	When warranted	See Note 1 See Note 1 or 2 See Note 2
Upper wind and temperature forecasts	MET office and/or MWO (data to be obtained through the WAFS)	ACC FIC	Every 6 hours (if required)	See Note 2 See Note 2
Significant en-route weather forecast	MET office and/or MWO (data to be obtained through the WAFS)	ACC FIC	Every 6 hours	See Note 2
SIGMET and AIRMET	MWO	TWR APP ACC FIC COM station	When warranted	See Note 1 See Notes 1 and 2 See Notes 1 and 2 See Notes 1 and 2 See Note 2
Wind shear warnings and alerts	MET office	TWR APP	When warranted	See Note 1 See Note 1
Tropical cyclone advisory	TCAC/MWO	ACC FIC	When warranted	See Notes 1 and 2
Volcanic ash advisory	VAAC/MWO	ACC FIC	When warranted	See Notes 1 and 2
Information on accidental release of radioactive material, i.e. location of the accident and forecast trajectories of the radioactive material	MWO (normally, the information obtained from the WMO RMSC concerned)	ACC FIC	When warranted	See Notes 1 and 2
Information on volcanic eruptions and volcanic ash for which a SIGMET has not yet been issued.	MWO VAAC	TWR APP ACC FIC	When warranted	

* Trend forecasts to be added to local reports and METAR/SPECI for those stations so identified in the air navigation plan.

** Or half-hourly if so decided by regional air navigation agreement.

Note 1.— Communications by intranet, closed-circuit TV, video display unit, or similar. If none of these are available, or during unserviceability periods, communications by phone, followed if possible by confirmation by other means.

Note 2.— Communications by teleprinter.

**LIST OF POINTS OF CONTACT FOR OPMET EXCHANGE /
LISTA DE PUNTOS DE CONTACTO PARA EL INTERCAMBIO OPMET**

CAR/SAM REGIONS

Nominated by/ Nominado por	Name/Nombre	Postal address/ Dirección Postal	Contact information/ Información de contacto
ANGUILLA (United Kingdom)			Tel: Fax: Cel/Mobile: E-mail:
ANTIGUA AND BARBUDA	Keithley meade Director	Angigua & Barbuda Meteorological Services	Tel: Fax: Cel/Mobile: E-mail:
ARGENTINA	Pronosticador Jorge Oscar Leguizamon Auxiliar del Dpto. de Meteorología Aeronáutica Servicio Meteorológico Nacional	25 de Mayo 658 Buenos Aires, C.P. 1002ABN ARGENTINA	Tel: +5411 5167 6707 Fax: +5411 5167 6709 Cel/Mobile : E-mail: jolegui@smn.gov.ar
ARUBA (Netherlands)			Tel: Fax: Cel/Mobile: E-mail:
BAHAMAS			Tel: Fax: Cel/Mobile: E-mail:
BARBADOS	E. Anthony Archer	Block 4 Grantley Adams Industrial Park Grantley Adams Int'l Airport Christ Church BARBADOS	Tel: +1-246 428 0930 Fax: +1-246 428 2539 Cel/Mobile: +1-246 203-6022 E-mail: civilav@sunbeach.net
BELIZE			Tel: Fax: Cel/Mobile: E-mail:
BOLIVIA	Walter Ríos Aliaga Jefe Meteorología Regional La Paz AASANA	Administración de Aeropuertos y Servicios Auxiliares a la Navegación Aérea Calle Félix reyes Ortiz No. 74 Edif. FEDE Petrol, Piso 6 La Paz, Bolivia	AFTN: SLLPYGYI Tel: +5912 2124129 / 2114232 Fax: +5912 822606 E-mail: waraliaga@yahoo.es ovmfirbolivia@yahoo.es
	Roberto Catacora División Meteorología La Paz AASANA		AFTN: SLLPYRYE Tel: +5912 2316686 Fax: +5912 2316686 E-mail: rcatacora@asana.bo
BRAZIL	Carlos Roberto Henriques Asesor de la Sección de Coordinación y Control OPMET del Departamento de Control del Espacio Aéreo - DECEA	Av. General Justo, 160 CEP 20021-130 Río de Janeiro, RJ – Brasil	Tel: +5521 2101 6288 Fax: +5521 2101 6284 E-mail: cco3@decea.gov.br
	Nelson Luiz Motta Silva Gerente del Banco de Datos OPMET de Brasilia	Página web del banco de datos OPMET: www.redemet.aer.mil.br	AFTN: SBBRYZYX Tel: +5521 2101 6283 Fax: +5521 2101 6284 E-mail: cco3.3@decea.gov.br
CAYMAN ISLANDS (United Kingdom)			Tel: Fax: Cel/Mobile: E-mail:

Nominated by/ Nominado por	Name/Nombre	Postal address/ Dirección Postal	Contact information/ Información de contacto
CHILE	Alejandro Rodrigo Arriagada Ríos Administrador del Banco OPMET	Av. Portales No. 3450 comuna Estación Central Casilla de Correo 140 Estación Central/Matucana Santiago, Chile Zip code: 9170018	AFTN: SCZZMAMX Tel: +562 436 4543 Fax: +562 437 8212 Cel/Mobile: +569 9 342 0336 E-mail: aarriagada@meteochile.cl bcoopmet@meteochile.cl
COLOMBIA	Oscar Bermúdez Jefe del Grupo de Meteorología UAEAC	Aeropuerto Internacional Eldorado, Bogotá, Colombia Centro Nacional de Análisis y Pronósticos	AFTN: SKZZMAMX Tel: +571 2663001 Fax: +571 4139646 Cel/Mobile: +573 315-3351545 / 300-6508840 E-mail: obermud@aerocivil.gov.co Tel: +571 266 2257
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CUBA	Alberto N. Durán Romero Meteorólogo Principal Oficina Vigilancia y Pronósticos Unidad de Servicios Navegación Aérea UEB Servicios Aeronáuticos	Aeropuerto Internacional José Martí, Terminal No. 1, Ave. Van Troí S/N, Rancho Boyeros Ciudad de La Habana	Tel: +537 242 6168 / 266 4644 ext. 2610 Fax: +537 Cel/Mobile: E-mail: aduran@aeronav.ecasa.avianet.cu
DOMINICA			Tel: Fax: Cel/Mobile: E-mail:
DOMINICAN REPUBLIC	Yhony Gomez Castillo Encargado, División de Meteorología Aeronáutica	Oficina Nacional de Meteorología av. Juan Moline #1, Villa Duarte, Santo Domingo Este, República Dominicana	Tel: +809 597-9842 Fax: Cel/Mobile: +809 315-2245 E-mail: yogomez2005@yahoo.com
ECUADOR	Bolívar Pérez Mármol Jefe de Meteorología del Aeropuerto "Mariscal Sucre" - Quito	Meteorología Aeropuerto "Mariscal Sucre", Avenida Amazonas sin número	Tel: +593 2 330 1515 Fax: +593 2 3301515 Cel/Mobile: +593 99 0997003346 +593 084585973 E-mail: meteorologia_ams@yahoo.com
EL SALVADOR			Tel: Fax: Cel/Mobile: E-mail:
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GRENADA			Tel: Fax: Cel/Mobile: E-mail:
GUATEMALA	Francisco Leonel García Moreira Gerente de Operaciones DGAC	Aeropuerto Internacional La Aurora, Zona 13 PBX 2331-2684 – 2332-5377	Tel: +502 23326084 Fax: +502 23326084 Cel/Mobile: +502 54031009 E-mail: atc@dgac.com.gt frangarcia62@yahoo.com

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MONTSERRAT (United Kingdom)			Tel: Fax: Cel/Mobile: E-mail:
NETHERLANDS ANTILLES (Netherlands)			Tel: Fax: Cel/Mobile: E-mail:
NICARAGUA			Tel: Fax: Cel/Mobile: E-mail:
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PERU	Ing. Julio Quezada Pacheco Jefe Equipo de Pronósticos y Climatología	CORPAC S.A. Aeropuerto Internacional Jorge Chávez - Apartado 680 Callao 1, Lima, Perú	AFTN: SPIMYMYM Tel: +511 630 1179 Fax: +511 630 1180 Cel/Mobile: E-mail: jquezada@corpac.gob.pe pronostico@corpac.gob.pe
PUERTO RICO (United States)			Tel: Fax: Cel/Mobile: E-mail:

Nominated by/ Nominado por	Name/Nombre	Postal address/ Dirección Postal	Contact information/ Información de contacto
SAINT KITTS AND NEVIS			Tel: Fax: Cel/Mobile: E-mail:
SAINT LUCIA			Tel: Fax: Cel/Mobile: E-mail:
SAINT VINCENT AND THE GRENADINES			Tel: Fax: Cel/Mobile: E-mail:
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	MET Inés Rodríguez	Dirección Meteorología Aeronáutica Aeropuerto Internacional de Carrasco - Canelones, Uruguay	AFTN: SUMUYMYX / SUZZMAMX Tel: +5982 604 0299 / 604 1134 Fax: +5982 604 9004 E-mail: dmae@adinet.com.uy
VENEZUELA	Néstor Sanabria Segovia	INAC Edificio ATC, Piso P, b Oficina ATISNA Maiquetía – Estado Vargas Frente al Aeropuerto Internacional Simón Bolívar	AFTN: SVZZMAMX Tel: +0058 2123552967 Fax: +0058 2123552967 Cel/Mobile: +0058 4266132979 E-mail: n.sanabria@inac.gob.ve sanabria13@hotmail.com
	Ramón Vicente Velásquez	Aeropuerto Int. Simón Bolívar Terminar Internacional Nivel Sótano, Rampa No. 15 Oficina de Meteorología Maiquetía, Estado Vargas	Tel: +0058 2123031522 Fax: +0058 2123031522 Cel/Mobile: +0058 4142773454 E-mail: velasquezramon750@hotmail.com met_miq@yahoo.com
VIRGIN ISLANDS (United Kingdom)			Tel: Fax: Cel/Mobile: E-mail:
VIRGIN ISLANDS (United States)			Tel: Fax: Cel/Mobile: E-mail:
COCESNA	Alfredo Santos Mondragón	150 metros al Sur del Aeropuerto Internacional Toncontín Tegucigalpa, Honduras	Tel: +504 234 3360 Fax: +504 234 2550 Cel/Mobile: +504 338 55547 E-mail: amondragon@cocesna.org

ESTADO/STATE	SITIO WEB DONDE SE ENCUENTRA LA INFORMACIÓN METEOROLÓGICA AERONÁUTICA / WEB SITE WHERE AERONAUTICAL METEOROLOGICAL INFORMATION CAN BE FOUND
ARGENTINA	www.smn.gov.ar
BOLIVIA	www.aasana.bo
BRASIL/BRAZIL	www.redemet.aer.mil.br
CHILE	
COLOMBIA	www.aerocivil.gov.co
ECUADOR	www.dgac.gov.ec
GUYANA/GUIANA	
GUYANA FRANCESA/ FRENCH GUIANA	
PANAMA	
PARAGUAY	www.meteorologia.gov.py
PERU	www.corpac.gob.pe
SURINAME	
URUGUAY	
VENEZUELA	www.meteorologia.mil.ve

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM / COM/MET OPMET EXCHANGE COORDINATED CONTROLS FOR THE CAR/SAM REGIONS										
Mensajes Meteorológicos Recibidos/Meteorological Messages Received					Período/Period: 10 - 16 de junio / June			Año:		
ESTADO/STATE:				AFTN:		FAX:		E-mail:		
CONTACTO OPMET/OPMET CONTACT:				METAR (SA)			TAF (FT)			SPECI (SP)
Aeródromo/Aerodrome	Ind. de Lugar/Loc. Ind.	Horas de Operación/Hours of Operation	Requerimiento OPMET/OPMET Requirement ¹	Previsto/Foreseen ²	Recibido/Received	Eficiencia/Efficiency %	Previsto/Foreseen ²	Recibido/Received	Eficiencia/Efficiency %	Recibido/Received
CAR										
ANGUILLA (U.K.)										
Wallblake, Anguilla	TQPF	1200/2100								
ANTIGUA AND BARBUDA										
V.C. Bird, Antigua	TAPA	24								
ARUBA (Netherlands)										
Oranjestad/Beatrix	TNCA	24								
BAHAMAS										
George Town	MYEG	24								
Governor's Harbour	MYEM	N								
Grand Bahama International	MYGF	24								
Lynden Bahama International	MYNN	24								
Marsch Harbour	MYAM	N								
North Eleuthera	MYEH	N								
Rock sound	MYER	N								
San Salvador International	MYSM	N								
South Bimini	MYBS	N								
Stella Maris	MYLS	N								
Treasure Cay	MYAT	N								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
BARBADOS										
Grantley Adams, Barbados	TBPB	24								
BELIZE										
Philip S. W. Goldson International	MZBZ	24								
BRITISH VIRGIN ISLANDS (UNITED KINGDOM)										
Terrance B. Lettsome, Tortola	TUPJ	1900/0100								
Virgin Gorda, B.V.I	TUPW	N								
CAYMAN IS. (U.K.)										
Gerrard Smith Intl/Cayman Brac	MWCB	2000/1900								
Owen Roberts Intl / Grand Cayman	MWCR	1100/0300								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	

¹ Guía OPMET, Apn. C / OPMET Guide, Apx. C. F = METAR/SPECI + TAF; T = TAF

² Sólo mensajes con tiempo de tránsito de 10 min. o menos (An. 3, Apn 10, par. 1.1) / Only messages with 10 min. or less of traffic time (An. 3, App 10, par. 1.1)

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CONTACTO OPMET/OPMET CONTACT:				METAR (SA)			TAF (FT)			SPECI (SP)
Aeródromo/Aerodrome	Ind. de Lugar/Loc. Ind.	Horas de Operación/Hours of Operation	Requerimiento OPMET/OPMET Requirement ¹	Previsto/Foreseen ²	Recibido/Received	Eficiencia/Efficiency %	Previsto/Foreseen ²	Recibido/Received	Eficiencia/Efficiency %	Recibido/Received
COSTA RICA										
Alajuela/Juan Santamaría int	MROC	24								
Liberia/Daniel Oduber Quiros	MRLB	1200/0200								
Limón/Intl.	MRLM	1200/0000								
Pavas/Tobias Bolaños Intl.	MRPV	1200/0000								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
CUBA										
Camaguey/Ignacio Agramonte Intl.	MUCM	24								
Cayo Coco Intl./Jardines del Rey	MUCC	24								
Cayo Largo del Sur/Vilo Acuña Intl	MUCL	1200/2300								
Ciego de Avila/Máximo Gomez	MUCA									
Habana/Jose Marti Intl.	MUHA	24								
Holguín/Frank Pais Intl. - CIV/MIL	MUHG	24								
Santiago de Cuba/Antonio Maceo Intl	MUCU	24								
Varadero/Juan G. Gomez Intl	MUVR	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
DOMINICA										
Melville Hall, Dominica	TDPD	1000/2100								
Roseau, Dominica	TDPR	N								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
DOMINICAN REPUBLIC										
Barahona/Intl María Montez	MDBH	1200/0000								
La Romana/Intl Casa de Campo	MDLR	1200/0000								
Puerto Plata/Intl Gregorio Luperon.	MDPP	24								
Punta Cana Intl	MDPC	24								
Santiago/Intl Cibao	MDST	24								
Santo Domingo/Intl José Francisco Peña Gomez	MDSD	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	

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CONTACTO OPMET/OPMET CONTACT:				METAR (SA)			TAF (FT)			SPECI (SP)
Aeródromo/Aerodrome	Ind. de Lugar/Loc. Ind.	Horas de Operación/Hours of Operation	Requerimiento OPMET/OPMET Requirement ¹	Previsto/ Foreseen ²	Recibido/ Received	Eficiencia/ Efficiency %	Previsto/ Foreseen ²	Recibido/ Received	Eficiencia/ Efficiency %	Recibido/ Received
EL SALVADOR										
Aeropuerto Internacional de Ilopango	MSSS	1200/0400								
Aeropuerto Internacional El Salvador	MSLP	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
FRENCH ANTILLES (France)										
Aime Cesaire, Martinique	TFFF	24								
Pointe-a-Pitre, Le Raizet, Guadeloupe*	TFFR	24								
Saint Barthelemy, French Antilles	TFFJ	N								
Saint Martin, Grand Case, Guadeloupe	TFFG	N								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
*TAF issued on request by the Pointe-a-Pitre MET Office/TAF emitido por la Oficina MET de Pointe-a-Pitre a solicitud										
GRENADA										
Lauriston, Carriacou, Grenada, Grenadines	TGPZ	N								
Maurice Bishop, Grenada	TGPY	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
GUATEMALA										
La Aurora	MGGT	24								
Mundo Maya	MGTK	24								
Puerto Barrios	MGPB	24								
Puerto de San José	MGSJ	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
HAITI										
Cap Haitien	MTCH	N								
Port-au-Prince/Intl	MTPP	1500/2200								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
HONDURAS										
La Ceiba/Goloson Intl	MHLC	24								
Roatan Intl.	MHRO	1200/2400								
San Pedro Sula/La Mesa	MHLM	24								
Tegucigalpa/Toncontin	MHTG	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	

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CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM / COM/MET OPMET EXCHANGE COORDINATED CONTROLS FOR THE CAR/SAM REGIONS										
Mensajes Meteorológicos Recibidos/Meteorological Messages Received					Período/Period: 10 - 16 de junio / June			Año:		
ESTADO/STATE:				AFTN:		FAX:		E-mail:		
CONTACTO OPMET/OPMET CONTACT:				METAR (SA)			TAF (FT)			SPECI (SP)
Aeródromo/Aerodrome	Ind. de Lugar/Loc. Ind.	Horas de Operación/Hours of Operation	Requerimiento OPMET/OPMET Requirement ¹	Previsto/Foreseen ²	Recibido/Received	Eficiencia/Efficiency %	Previsto/Foreseen ²	Recibido/Received	Eficiencia/Efficiency %	Recibido/Received
JAMAICA										
Kingston/Norman Manley	MKJP	24								
Montego Bay/Sangster	MKJS	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
MEXICO										
Acapulco	MMAA	24								
Aeropuerto del Norte	MMAN	1200/2400								
<i>Aguascalientes</i>	MMAS	1100/0500								
Bahías de Huatulco	MMBT	1300/0100								
Campeche	MMCP	1300/0100								
Cancun	MMUN	24								
CD. Juarez	MMCS	1400/0400								
<i>CD. Victoria</i>	MMCV	1300/0100								
Chetumal	MMCM	1300/0100								
Chihuahua	MMCU	1400/0400								
Ciudad Acuña	MMCC	N								
<i>Ciudad Del Carmen</i>	MMCE	1300/0100								
<i>Ciudad Obregón</i>	MMCN	1300/0300								
<i>Colima</i>	MMIA	1200/0000								
Cozumel	MMCZ	24								
<i>Cuernavaca</i>	MMCB	1200/0000								
Culiacan	MMCL	1300/0500								
Durango	MMDO	1200/0200								
Guadalajara	MMGL	24								
Guaymas	MMGM	1400/0200								
Hermosillo	MMHO	1300/0300								
Ixtapa-Zihuatanejo	MMZH	1300/0300								
La Paz	MMLP	1400/0600								
Leon	MMLO	1300/0600								
Loreto	MMLT	1400/0200								
<i>Los Mochis</i>	MMLM	1400/0400								

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CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM / COM/MET OPMET EXCHANGE COORDINATED CONTROLS FOR THE CAR/SAM REGIONS										
Mensajes Meteorológicos Recibidos/Meteorological Messages Received					Período/Period: 10 - 16 de junio / June			Año:		
ESTADO/STATE:				AFTN:		FAX:		E-mail:		
CONTACTO OPMET/OPMET CONTACT:				METAR (SA)			TAF (FT)		SPECI (SP)	
Aeródromo/Aerodrome	Ind. de Lugar/Loc. Ind.	Horas de Operación/Hours of Operation	Requerimiento OPMET/OPMET Requirement ¹	Previsto/ Foreseen ²	Recibido/ Received	Eficiencia/ Efficiency %	Previsto/ Foreseen ²	Recibido/ Received	Eficiencia/ Efficiency %	Recibido/ Received
Manzanillo	MMZO	1400/0200								
Matamoros	MMMA	1400/0200								
Mazatlan	MMMZ	24								
Merida	MMMD	24								
Mexicali	MMML	1400/0400								
Mexico	MMMX	24								
<i>Minatitlan</i>	<i>MMMT</i>	1200/0000								
Monterrey	MMMY	24								
Morelia	MMMM	1300/0100								
Nogales	MMNG	N								
Nuevo Laredo	MMNL	1200/0200								
<i>Oaxaca</i>	<i>MMOX</i>	1200/0200								
Piedras Negras	MMPG	1300/0300								
<i>Poza Rica</i>	<i>MMPA</i>	1200/0000								
<i>Puebla</i>	<i>MMPB</i>	1300/0100								
<i>Puerto Escondido</i>	<i>MMPS</i>	1300/0100								
Puerto Vallarta	MMPR	24								
<i>Queretaro</i>	<i>MMQT</i>	1100/0300								
Reynosa	MMRX	1300/0100								
<i>Saltillo</i>	<i>MMIO</i>									
San Felipe	MMSF	N								
San Jose del Cabo	MMSD	1200/0400								
<i>San Luis Potosi</i>	<i>MMSP</i>	24								
Tampico	MMTM	1200/0500								
Tapachula	MMTP	1300/2400								
<i>Tepic</i>	<i>MMEP</i>	1200/0000								
Tijuana	MMTJ	24								
Toluca	MMTO	24								
Torreón	MMTC	1200/0300								
<i>Tuxtla Gutiérrez (CIV)</i>	<i>MMTG</i>	1200/0400								
<i>Uruapán</i>	<i>MMPN</i>	1200/0000								

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Veracruz	MMVR	24								
Villahermosa	MMVA	1300/0300								
Zacatecas	MMZC	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
MONTSERRAT (United Kingdom)										
John A. Osborne International Airport	TRPG	1000/2200								
NETHERLAND ANTILLES (Netherlands)										
Bonaire/Flamingo	TNCB	1100/0100								
Curacao/Aeropuerto Hato	TNCC	24								
St. Eustatius/F. D Roosevelt	TNCE	1100/2400								
St. Maarten/Princess Juliana	TNCM	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
NICARAGUA										
Managua/Managua	MNMG	24								
Puerto Cabezas/Raan	MNPC	1200/0000								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
PUERTO RICO (US)										
Aguadilla/Raphael Hernández Pr.	TJBQ	24								
Fajardo/Diego Jimenez Torrez Pr.	TJFA	N								
Mayaguez/Eugenio María de Hostos, Pr.	TJMZ	24								
Ponce/Mercedita, Pr.	TJPS	24								
San Juan/Luis Muñoz Marin Intl., Pr	TJSJ	24								
Vieques, Isla de Viques, Pr.	TJVQ	N								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
SAINT KITTS AND NEVIS										
Robert L. Bradshaw, St. Christofer (St. Kitts) and Nevis	TKPK	1000/0100								
Nevis	TKPN	1100/2300								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	

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SAINT LUCIA										
George F. Charles, Saint Lucia	TLPC	1000/2400								
Hewanorra Saint Lucia	TLPL	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
SAINT VINCENT AND THE GRENADINES										
Canouan, St.Vincent and the Grenadines	TVSC	N								
E. T. Joshua, St.Vincent and the Grenadines	TVSV	1200/0000								
J.F. Mitchell, Bequia St. Vincent and the Grenadines	TVSB	N								
Mustique, St. Vincent and the Grenadines	TVSM	N								
Union Island, St. Vincent and the Grenadines	TVSU	N								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
TRINIDAD AND TOBAGO										
Crown Point, Tobago	TTCP	24								
Piarco, Trinidad	TTTP	24								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
TURKS AND CAICOS ISLANDS (United Kingdom)										
Jags Mccartney International Airport Grand Turk	MBGT	1000/0100								
Providenciales International	MBPV	1100/0100								
South Caicos International	MBSC	1000/2200								
PROMEDIO/AVERAGE						#DIV/0!			#DIV/0!	
United Kingdom										
Mount Pleasant	EGYP	24								
VIRGIN ISLANDS (United States)										
Charlotte Amalie St. Thomas/Cyril E. King, VI	TIST	24								
Henry E. Rohlsen	TISX	24				0				0
PROMEDIO/AVERAGE						0			#DIV/0!	0
SAM										
ARGENTINA										
Aeroparque J. Newbery, CABA	SABE	24	F	168		0	28		0	
Comodoro Rivadavia /Gral. Mosconi, CHT	SAVC	24	F	168		0	28		0	
Córdoba/Ing. A. L.V. Taravela CBA	SACO	24	F	168		0	28		0	

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Corrientes, CTS	SARC	24	SA/SP	168		0	0			
Ezeiza Ministro Pistarini, BA	SAEZ	24	F	168		0	28		0	
Formosa, F	SARF	24	F	168		0	28		0	
Iguazú/Cataratas del Iguazú, MS	SARI	24	F	168		0	28		0	
Jujuy, J.	SASJ	24	F	168		0	28		0	
Mar de Plata, BA	SAZM	24	F	168		0	28		0	
Mendoza, Plumerillo, MZA	SAME	24	F	168		0	28		0	
Neuquén, N	SAZN	24	F	168		0	28		0	
Paso de los Libres, CTS	SARL	0900/0000	SA/SP	112		0	0			
Posadas, MS	SARP	24	F	168		0	28		0	
Resistencia, CHO	SARE	24	F	168		0	28		0	
Río Cuarto/Area de Material, CBA	SAOC	24	SA/SP	168		0	0			
Río Gallegos. Gral. D.A. Parodi (SC)	SAWG	24	F	168		0	28		0	
Río Grande (TAIS)	SAWE	24	F	168		0	28		0	
Rosario, SF	SAAR	24	F	168		0	28		0	
Salta, S.	SASA	24	F	168		0	28		0	
San Carlos de Bariloche, RN	SAZS	24	F	168		0	28		0	
San Fernando, BA	SADF	24	F	168		0	28		0	
Tucumán/Ten. Benjamín Matienzo, T	SANT	24	F	168		0	28		0	
Ushuaia/Malvinas Argentinas (TAIS)	SAWH	24	F	168		0	28		0	
PROMEDIO/AVERAGE						0			0	
BOLIVIA										
Cobija	SLCO	1000/2300				0			0	
Cochabamba	SLCB	24				0			0	
El Trompillo	SLET	1000/2300				0			0	
La Paz	SLLP	24				0			0	
Puerto Suarez	SLPS	1000/2300				0			0	
San Ignacio de Velasco	SLSI	1000/2300				0			0	
Santa Ana del Yacuma	SLSA	1000/2300				0			0	
Sucre	SLSU	1000/2300				0			0	
Tarija	SLTJ	1000/2300				0			0	

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Trinidad	SLTR	0900/2300				0			0	
Villamontes	SLVM	1000/2300				0			0	
Viru Viru	SLVR	24				0			0	
Yacuibá	SLYA	1000/2300				0			0	
PROMEDIO/AVERAGE						0			0	
BRAZIL										
Aracajú / Santa Maria, SE	SBAR	24 h	F			0			0	
Bagé INTL /Cmte Gustavo Kraemer, RS	SBBG	Lun a Vie 1615/2200	F			0			0	
Belém / Val de Cans, PA	SBBE	24 h	F			0			0	
Belo Horizonte / Tancredo Neves, MG	SBCF	24 h	F			0			0	
Boa Vista / Atlas Brasil Cantanhede, RR	SBBV	24 h	F			0			0	
Brasília / Pres. Juscelino Kubitschek, DF	SBBR	24 h	F			0			0	
Cabo Frio / Cabo Frio, RJ	SBCB	1000/2100	F			0			0	
Campinas / Viracopos, SP	SBKP	24 h	F			0			0	
Campo Grande / Campo Grande, MS	SBCG	24 h	F			0			0	
Campos dos Goitacazes / Bartolomeu Lisandro, RJ	SBCP	0915/0200	F			0			0	
Carajás / Carajás, PA	SBCJ	1015/2130	F			0			0	
Corumbá / Corumbá, MS	SBCR	0900/2400	F			0			0	
Cruzeiro do Sul / Cruzeiro do Sul, AC	SBCZ	1115/2300	F			0			0	
Cuiabá / Marechal Rondon, MT	SBCY	24 h	F			0			0	
Curitiba / Afonso Pena, PR	SBCT	24 h	F			0			0	
Fernando de Noronha / Fernando de Noronha, PE	SBFN	0800/2200	F			0			0	
Florianópolis / Hercílio Luz, SC	SBFL	24 h	F			0			0	
Fortaleza / Pinto Martins, CE	SBFZ	24 h	F			0			0	
Foz do Iguaçu / Cataratas, PR	SBFI	24 h	F			0			0	
Goiânia / Santa Genoveva, GO	SBGO	24 h	F			0			0	
João Pessoa / Pres. Castro Pinto, PB	SBJP	24 h	F			0			0	
Londrina / Governador José Richa, PR	SBLO	24 h	F			0			0	
Macapá / Alberto Alcolumbre, AP	SBMQ	24 h	F			0			0	
Maceió / Zumbi dos Palmares, AL	SBMO	24 h	F			0			0	
Manaus / Eduardo Gomes, AM	SBEG	24 h	F			0			0	

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Manaus / Ponta Pelada, AM	SBMN	24 h	F			0			0	
Marabá / Marabá, PA	SBMA	24 h	F			0			0	
Natal / Augusto Severo, RN	SBNT	24 h	F			0			0	
Navegantes / Ministro Víctor Konder – INTL, SC	SBNF	0915/0300 UTC	F			0			0	
Oiapoque / Oiapoque, AP	SBOI	Mar a Sab 1200/2000 Dom, Lun 1230/2000	F			0			0	
Parnaíba / Prefeito Doutor João Silva Filho, PI	SBPB	0915/0300	F			0			0	
Pelotas / Pelotas, RS	SBPK	Lun a Vie 0000/0200, 0915/2400, Sab 0000/0200, 0915/1115,	F			0			0	
Petrolina / Senador Nilo Coelho, PE	SBPL	0915/0300	F			0			0	
Ponta Porã / Ponta Porã, MS	SBPP	1115/2200	F			0			0	
Porto Alegre / Salgado Filho, RS	SBPA	24 h	F			0			0	
Porto Seguro / Porto Seguro, BA	SBPS	24 h	F			0			0	
Porto Velho INTL /Gov. Jorge Teixeira de Oliveira, RO	SBPV	24 h	F			0			0	
Recife / Guararapes – Gilberto Freyre, PE	SBRF	24 h	F			0			0	
Ribeirão Preto / Leite Lopes, SP	SBRP	24 h	F			0			0	
Rio Branco / Plácido de Castro, AC	SBRB	24 h	F			0			0	
Rio de Janeiro / Galeão – Antônio Carlos Jobim, RJ	SBGL	24 h	F			0			0	
Rio de Janeiro / Santos Dumont, RJ	SBRJ	24 h	F			0			0	
Salvador / Deputado Luis Eduardo Magalhães, PA	SBSV	24 h	F			0			0	
Santarém / Maestro Wilson Fonseca, PA	SBSN	24 h.	F			0			0	
São Jose dos Campos / Professor Urbano Ernesto	SBSJ	24 h	F			0			0	
São Luis / Marechal Cunha Machado, MA	SBSL	24 h.	F			0			0	
São Paulo / Congonhas, SP	SBSP	24 h	F			0			0	
São Paulo / Guarulhos, Governador André Franco	SBGR	24 h.	F			0			0	
Tabatinga / Tabatinga – INTL, AM	SBTT	1100/2300	F			0			0	
Tefé / Tefé, AM	SBTF	Lun a Sab 1100/0000 Dom 1100/2200	F			0			0	
Teresina / Senador Petrônio Portella, PI	SBTE	24 h	F			0			0	

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Uruguiana / Rubem Berta, RS	SBUG	0900/2200	F			0			0	
Vitória / Eurico de Aguiar Salles, ES	SBVT	24 h	F			0			0	
PROMEDIO/AVERAGE						0			0	
CHILE										
Antofagasta/AD Cerro Moreno	SCFA	24				0			0	
Arica/AP Chacalluta	SCAR	24				0			0	
Balmaceda/AD Balmaceda	SCBA	24				0			0	
Calama/AD El Loa	SCCF	Lun a Sab 10 a 02 UTC Dom 12 a 23				0			0	
Concepción/AD Altn Carriel Sur	SCIE	24				0			0	
Copiado/AD Desierto de Atacama	SCAT	24				0				
Iquique/AD Diego Aracena	SCDA	24				0			0	
La Serena/AD La Florida	SCSE	24				0			0	
Osorno/AD Canal Bajo-Carlos Hott Sierbert	SCJO	Lun a Dom 13 a 23				0			0	
Puerto Montt/AD El Tepual	SCTE	24				0			0	
Puerto Natales/AD Teniente Julio Gallardo	SCNT	Lun/Vier 13 a 21 UTC Dom NIL								
Punta Arenas/AD Pdte. Carlos Ibañez Del Campo	SCCI	24				0			0	
Santiago/AP Arturo Merino B.	SCEL	24								
Temuco/AD Maquehue	SCTC	24				0			0	
PROMEDIO/AVERAGE						0			0	
COLOMBIA										
Barranquilla Intl/Atlántico	SKBQ	24				0				
Bogota Intl/Cundinamarca	SKBO	24				0				
Bucaramanga Intl/Santander	SKBG	1100/0500				0				
Cali Intl/Valle	SKCL	24				0				
Cartagena Intl/Bolivar	SKCG	24				0				
Cucuta Intl/Norte de S.	SKCC	1100/2300				0				
Leticia Intl/Amazonas	SKLT	1100/2300				0				
Medellín/Antioquia	SKMD	1030/2330				0				
Pereira/Risaralda	SKPE	1100/0430				0				
Rionegro Intl/Antioquia	SKRG	24				0				

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San Andrés Intl/San Andrés	SKSP	1100/0500				0				
<i>Santa Marta/Magdalena</i>	<i>SKSM</i>	1100/0400				0				
PROMEDIO/AVERAGE						0			#DIV/0!	
ECUADOR										
Guayaquil	SEGU	24				0				
Latacunga	SELT	1100/0500				0				
Manta	SEMT	24				0				
Quito	SEQU	24				0				
PROMEDIO/AVERAGE						0			#DIV/0!	
FRENCH GUIANA (France)										
Cayenne-Rochambeau	SOCA									
GUYANA										
Cheddi Jagan Intl Airport	SYCJ	24	F	168	168	100	28	28	100	2
PANAMA										
Bocas del Toro/Bocas del Toro	MPBO	1100/2300	SA/SP	84		0	0			
Changuinola/Cap. Manuel Niño	MPCH	1100/2300	SA/SP	84		0	0			
David/Enrique Malek	MPDA	1100/0300	F	112		0	14			
Panamá/Marco A. Gelabert	MPMG	1100/0300	F	112		0	14			
Panamá/Tocumen	MPTO	24		168		0	28			
PROMEDIO/AVERAGE						0			#DIV/0!	
PARAGUAY										
Asuncion/S. Pettrossi	SGAS	24				0				
Ciudad del Este/Guarani	SGES	24				0				
PROMEDIO/AVERAGE						0			#DIV/0!	
PERU										
<i>Andahuaylas</i>	<i>SPHY</i>	1000/1900		70		0	14		0	
Arequipa/Intl. Rodríguez Ballón	SPQU	24		168		0	28		0	
<i>Ayacucho /Coronel FAP Alfredo Mendivil Duarte</i>	<i>SPHO</i>	1000/2300		98		0	21		0	
<i>Cajamarca/Mayor Gral. FAP Revoredo Iglesias</i>	<i>SPJR</i>	1900/2300		105		0	14		0	
Chiclayo/Intl. Cap. José Abelardo Quiñones González	SPHI	24		168		0	28		0	
Cuzco/Intl. Velazco Astete	SPZO	24		168		0	28		0	

¹ Guía OPMET, Apn. C / OPMET Guide, Apx. C. F = METAR/SPECI + TAF; T = TAF

² Sólo mensajes con tiempo de tránsito de 10 min. o menos (An. 3, Apn 10, par. 1.1) / Only messages with 10 min. or less of traffic time (An. 3, App 10, par. 1.1)

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM / COM/MET OPMET EXCHANGE COORDINATED CONTROLS FOR THE CAR/SAM REGIONS										
Mensajes Meteorológicos Recibidos/Meteorological Messages Received					Período/Period: 10 - 16 de junio / June			Año:		
ESTADO/STATE:				AFTN:		FAX:		E-mail:		
CONTACTO OPMET/OPMET CONTACT:				METAR (SA)			TAF (FT)			SPECI (SP)
Aeródromo/Aerodrome	Ind. de Lugar/Loc. Ind.	Horas de Operación/Hours of Operation	Requerimiento OPMET/OPMET Requirement ¹	Previsto/Foreseen ²	Recibido/Received	Eficiencia/Efficiency %	Previsto/Foreseen ²	Recibido/Received	Eficiencia/Efficiency %	Recibido/Received
Ilo	SPLO	1300/2100	Sunday Closed Stn	54		0	6		0	
Iquitos/Coronel FAP Francisco Secada Vigneta	SPQT	24		168		0	28		0	
Juanjui	SPJI	1300/2100	Sunday Closed Stn	54		0	12		0	
Juliaca/Intl. Inca Manco Capac	SPJL	1100/2400		98		0	21		0	
Lima-Callao/Intl Jorge Chávez	SPIM	24		168		0	28		0	
Pisco	SPSO	24		168		0	28		0	
Pucallpa/Intl. David Abensur Rengifo	SPCL	24		168		0	28		0	
Puerto Maldonado /Padre Aldamiz	SPTU	1100/2300		91		0	21		0	
Tacna/Intl. Cnel. FAP Carlos Ciriani Santa Rosa	SPTN	24		168		0	28		0	
Talara/Capitán Montes	SPYL	1300/2100		63		0	14		0	
Tarapoto/Cdte. Guillermo Del Castillo Paredes	SPST	1100/0300		119		0	21		0	
Tingo María	SPGM	1300/2100	Sunday Closed Stn	54		0	12		0	
Trujillo/Intl. Cap. Carlos Martínez de Pinillos	SPRU	24		168		0	28		0	
Tumbes/Pedro Canga	SPME	1200/0500		126		0	21		0	
Yurimaguas/Moisés Benzaquén Rengifo	SPMS	1200/2300		84		0	14		0	
PROMEDIO/AVERAGE						0			0	
SURINAME										
Johan Adolf Pengel	SMJP					0				
Nickerie/Maj. Fernandez	SMNI					0				
Zorg En Hoop	SMZO					0				
PROMEDIO/AVERAGE						0			#DIV/0!	
URUGUAY										
Colonia/Intl "Laguna De Los Patos"	SUCA	1000/2200				0				
Durazno/Santa Bernardina Intl. De alternativa	SUDU	24				0				
Maldonado/Intl. C/C Carlos A. Curbelo "Laguna del Sauce"	SULS	24				0				
Montevideo/AD Angel S. Adami	SUAA	1000/2200				0				
Montevideo/Intl. Carrasco "Gral. Cesareo L. Berisso"	SUMU	24				0				
Oscar D. Gestido	SURV	1100/1900				0				
Salto/Intl. Nueva Hesperides	SUSO	1000/2200				0				
PROMEDIO/AVERAGE						0			#DIV/0!	

¹ Guía OPMET, Apn. C / OPMET Guide, Apx. C. F = METAR/SPECI + TAF; T = TAF² Sólo mensajes con tiempo de tránsito de 10 min. o menos (An. 3, Apn 10, par. 1.1) / Only messages with 10 min. or less of traffic time (An. 3, App 10, par. 1.1)

CONTROLES COORDINADOS COM/MET DE INTERCAMBIO OPMET PARA LAS REGIONES CAR/SAM / COM/MET OPMET EXCHANGE COORDINATED CONTROLS FOR THE CAR/SAM REGIONS										
Mensajes Meteorológicos Recibidos/Meteorological Messages Received					Período/Period: 10 - 16 de junio / June			Año:		
ESTADO/STATE:				AFTN:		FAX:		E-mail:		
CONTACTO OPMET/OPMET CONTACT:				METAR (SA)			TAF (FT)		SPECI (SP)	
Aeródromo/Aerodrome	Ind. de Lugar/Loc. Ind.	Horas de Operación/Hours of Operation	Requerimiento OPMET/OPMET Requirement ¹	Previsto/ Foreseen ²	Recibido/ Received	Eficiencia/ Efficiency %	Previsto/ Foreseen ²	Recibido/ Received	Eficiencia/ Efficiency %	Recibido/ Received
VENEZUELA										
Barcelona, Anzoategui	SVBC	24				0				
Barquisimeto, Lara	SVBM	0900/0400				0				
Maiquetia, Internacional Simón Bolívar, Maiquetía, Vargas	SVMI	24				0				
Maracaibo, Zulia	SVMC	24				0				
Margarita, Nueva Esparta	SVMG	24				0				
Paraguana, Josefa Camejo, Falcon	SVJC	1000/2200				0				
San Antonio del Táchira, Tachira	SVSA	1000/2200				0				
Santo Domingo, B. A. Mayor Buenaventura Vivas,	SVSO	0900/0200				0				
Valencia, Carabobo	SVVA	1000/2200				0				
PROMEDIO/AVERAGE						0			#DIV/0!	

May-10

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² Sólo mensajes con tiempo de tránsito de 10 min. o menos (An. 3, Apn 10, par. 1.1) / Only messages with 10 min. or less of traffic time (An. 3, App 10, par. 1.1)

APPENDIX D

PROJECT FOR THE OPTIMISATION OF OPMET EXCHANGE, INCLUDING SIGMETs (WS, WV, WC, AND WR), WARNINGS AND METEOROLOGICAL ALERTS

SAM Region	PROJECT DESCRIPTION (DP)	DP N° H4	
Programme	Title of the project	Start	End
<p>Aeronautical meteorology</p> <p>(Programme coordinator: Jorge Armoa)</p>	<p><i>Optimisation of OPMET exchange, including SIGMETs (WS, WV, WC, and WR), warnings and meteorological alerts</i></p> <p><i>Project coordinator: Alexander Quintero (Brasil)</i></p> <p><i>Experts contributing to the project: Aníbal Castro Cárdenas (Bolivia)</i> <i>Rafael Narvaja Zárate (Peru)</i> <i>Rodrigo Cortes (Argentina)</i> <i>Valdeci Donizeti Juliar da Franca (Brazil)</i> <i>Edison Lagos (Ecuador)</i> <i>Celestino Lamboglia (Panama)</i> <i>Orlando Sánchez (Venezuela)</i> <i>Antonio Espinoza (Venezuela)</i> <i>Warsodikromo Truusje Soetinie (Suriname)</i></p>	December 2015	December 2018
Objective	<ul style="list-style-type: none"> - Achieve at least 95% efficiency in the reception of OPMET information by the Brasilia IODB by 31 December 2018 - Achieve at least 95% efficiency in the transmission of OPMET information in XML/GML formats in SAM States by 31 December 2018 		
Scope	Correct preparation and timely dissemination of OPMET information involves all MET service units [(EMA(s), OMA(s), MWO(s) and OPMET data banks] of all SAM aerodromes listed in the CAR/SAM ANP.		
Metrics	The percentage of OPMET messages received on time at the Brasilia International OPMET Data Bank (according to Annex 3, Appendix 10, OPMET control considers as messages received those OPMET messages with transit times of 10 minutes) and verification of proper and standard production (quality) of OPMET information at MET services [(EMA(s), OMA(s), and MWO(s)] in standardized format (Annex 3, in Appendices 3, 4, 5, and 6, contains the OPMET message planning tables).		
Strategy	All tasks and previous exchange exercises necessary for the compliance of the objectives will be carried out by experts nominated by SAM States (Points of Contact – POC) and by experts contributing to the project, led by the Project Coordinator and under the supervision of the MET Programme Coordinator through State letters sent by the ICAO Lima Office, by e-mail, and the “GoToMeeting” tool. Upon completion of the tasks, the results will be sent to the MET Programme Coordinator as a final document for submission to, and if necessary approval by, the GREPECAS CRPP through the GREPECAS fast-track procedure. For the purpose of collaborative decision-making, meetings will be held with the areas involved.		
Goals	<ul style="list-style-type: none"> a) Reach 85% in the reception of OPMET data in standardized format of the SAM Region in the Brasilia IODB by 31/12/17; and 95% by 31/10/18; b) Reach 70% OPMET data reception in XML/GML formats in the SAM Region in the Brasilia IODB by 31/10/18; c) Reach 85% in the reception of OPMET data in standardized format among the States of the SAM Region by 31/12/17; and 95% by 		

	31/10/18; d) Reach 30% in the reception of OPMET data in XML/GML formats among the States of the SAM Region by 31/12/17; and 70% by 31/12/18.
Rationale	More timely meteorological information will optimise flight path planning and prediction, thus improving ATM system safety and efficiency, pursuant to GREPECAS Conclusion 12/64 (CAR/SAM OPMET EXCHANGE CONTROLS). Meteorological information will also minimise the environmental impact of air traffic.
Related projects	<ul style="list-style-type: none"> ➤ Automation ➤ Implementation of ATFM ➤ Implementation of the MET information quality management system (QMS/MET) ➤ Enhanced ATM situational awareness

Project Deliverables	Relationship with the performance-based regional plan (PFF)¹	Responsible Party	Status of Implementation²	Date of Delivery	Comments
OPMET guide revised and updated	PFF SAM MET 02	MET programme coordinator and project coordinator		March 2016	The OPMET guide prepared by the SAM Office will include procedures for preparing OPMET data and tables containing the AFTN/AMHS addresses to which States must send OPMET information worldwide in accordance with the CAR/SAM FASID, thus facilitating the preparation and issuance of MET messages.
Controls of efficiency and quality of OPMET information available in the Brasilia International OPMET Databank	PFF SAM MET 02	Brasilia International OPMET Databank		March, June, August, November 2016, 2017, 2018 October 2018	Measurement of the time of reception of OPMET information by the Brasilia International OPMET Databank will be carried out every three months during the duration of the project.

Project Deliverables	Relationship with the performance-based regional plan (PFF) ¹	Responsible Party	Status of Implementation ²	Date of Delivery	Comments
Results of the analysis of coordinated controls of exchange of information	PFF SAM MET 02	MET programme coordinator and project coordinator		April, July, October and December 2016, 2017 and 2018	The results obtained from coordinated controls of OPMET information exchange, will allow SAM States, as necessary, to implement corrective actions to comply with the goals scheduled for the sake of continuous improvement.
OPMET information exchange tests in XML/GML format	PFF SAM MET 02	States in technical capacity of developing the test		October 2016 March 2017 October 2017	The OPMET information exchange tests will be carried out initially with the States that are in a capacity of doing so, at least twice a year.
Results of the Analysis of the OPMET exchange tests in XML/GML format	PFF SAM MET 02	MET programme coordinator and project coordinator		December 2016 December 2017	The results obtained with the biannual OPMET information exchange controls will allow SAM States, as necessary, to implement corrective actions to comply with the goals scheduled for the sake of continuous improvement.
Final project report	PFF SAM MET 02	MET programme coordinator and project coordinator		March 2019	The purpose of the final project report to be submitted by the programme coordinator is to enable the Lima SAM Office to check the achievements of the project and propose to the States future measures to maintain the level attained through OPMET controls.
Resources needed	Funds for meetings with project members in order to assess the results and propose corrective actions. States could use their human resources to conduct the foreseen OPMET tests and controls, and, if necessary, cover the financial costs, since the experience gained will result in an improvement of their own systems. Likewise, participants must be given facilities to participate in GoToMeetings.				

¹ Air navigation system Performance-Based Implementation Plan for the SAM Region

² *Grey* Task not started yet

Green Activity being implemented as scheduled

Yellow Activity started with some delay, but will be implemented on time

Red Activity not implemented on time; mitigation measures are required