



**Cuestión 1 del  
Orden del Día:**

**Intercambio OPMET**

- e) **Revisión de e-ANP CAR/SAM, Parte V-MET del Vol. I, Vol. II y de la Guía OPMET para las Regiones CAR/SAM**

(Presentada por la Secretaría)

<b>RESUMEN</b>	
Esta nota de estudio presenta los requisitos de datos OPMET incluidos en el e-ANP CAR/SAM y en la Guía OPMET para las Regiones CAR/SAM	
<b>Referencias:</b>	
<ul style="list-style-type: none"><li>• Doc 8733, e-ANP CAR/SAM</li><li>• Guía para la preparación y difusión de mensajes OPMET para las Regiones CAR/SAM</li></ul>	
<b>Objetivos estratégicos de la OACI:</b>	<i>A - Seguridad operacional</i> <i>B - Capacidad y eficiencia de la navegación aérea</i> <i>E - Protección del medio ambiente</i>

1. **Introducción**

1.1 El e-ANP CAR/SAM Vol. I constituye los requisitos regionales acordados considerados como los mínimos necesarios para la planificación e implementación efectivas de las instalaciones y servicios de meteorología aeronáutica (MET) en las regiones del Caribe y Sudamérica, y complementa las disposiciones de los SARP y PANS de la OACI relacionados con el MET.

1.2 El e-ANP CAR/SAM, en el Vol. II, Parte VI ha establecido, a través de las Tablas MET II-1 y MET II-2, las oficinas de Vigilancia Meteorológica y las Oficinas de Meteorología Aeronáutica. Asimismo, la Tabla AOP I-1 presenta la lista de los aeropuertos internacionales de las Regiones CAR/SAM.

1.3 La Guía OPMET para las regiones CAR/SAM tiene como objetivo principal proveer lineamientos para la estandarización y armonización de los procedimientos relacionados con la elaboración y transmisión de la información meteorológica para las operaciones aéreas (OPMET) en los Estados de las Regiones CAR/SAM.

## 2. **Discusión**

2.1 La Reunión recordará que la Duodécima Conferencia de Navegación Aérea (AN-Conf/12) formuló la Recomendación 6/1 - *Marco de actuación regional – Metodologías y herramientas de planificación relacionadas con el alineamiento de los ANP regionales con la cuarta edición del Plan Mundial de Navegación Aérea (GANP) (Doc 9750)*. En seguimiento a esta recomendación, la OACI estableció un grupo de trabajo (e-ANP WG), compuesto por representantes de las Oficinas Regionales y la Sede de la OACI, para elaborar propuestas de cambios a los ANP regionales, incluyendo el desarrollo de una nueva estructura, formato y contenido del ANP.

2.2 El 18 de junio de 2014, el Consejo de la OACI decidió que los planes regionales de navegación aérea (ANP) deberían publicarse en tres volúmenes.

2.3 El nuevo formato aprobado por el Consejo de la OACI indicaba que el mismo debería estar disponible en formato electrónico y constar de tres volúmenes, los cuales son descritos a continuación:

- el Volumen I que debe contener los elementos estables del plan, cuya enmienda requiere la aprobación del Consejo;
- el Volumen II que debe contener los elementos dinámicos del plan, cuya enmienda no requiere la aprobación del Consejo (la aprobación es por acuerdo regional de los PIRGs pertinentes);
- el Volumen III que debe contener los elementos dinámicos/flexibles del plan, brindando orientación para la planificación de la implantación de los sistemas de navegación aérea y su modernización, tomando en cuenta los programas emergentes, como el ASBU, y las hojas de ruta de las tecnologías asociadas descritas en el GANP.

2.4 El nuevo formato del e-ANP fue sometido a consideración de las Regiones CAR/SAM. El GREPECAS/17 aprobó en general los nuevos formatos, siendo el Vol. I aprobado por el Consejo de la OACI en abril del 2016, y el Vol. II aprobado en el mismo año. El Vol. III quedó postergada su implementación por decisión del CRPP/4-3 hasta la aprobación del GANP-Sexta Edición. Así mismo, es importante destacar que, con la aprobación de los Volúmenes I y II del e-ANP que reemplazan el Doc. 8733, se deberá revisar y actualizar el campo de referencias en las deficiencias de Navegación Aérea.

2.5 La Reunión pudiera revisar los Vol. I y II, Parte MET, del e-ANP CAR/SAM, que se encuentran como **Apéndices A y B**, respectivamente, a esta nota de estudio, y actualizarlos, de ser necesario.

2.6 Con relación a la Guía para la preparación y difusión de los mensajes OPMET para las Regiones CAR/SAM, la misma fue revisada y actualizada con apoyo de los Proyectos RLA/06/901 y RLA/99/901. La Guía revisada y actualizada y las enmiendas 76, 77 y 78 del Anexo 3 de la OACI, se encuentran como **Apéndice C** a esta nota de estudio.

3. **Acción requerida**

3.1. Se invita a la Reunión a:

- a) tomar nota de la información suministrada en esta nota de estudio;
- b) revisar y actualizar, según corresponda, los Apéndices A, B, y C; y
- c) considerar otras acciones que crean convenientes;

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**SAM COM/MET 2019-NE/04**

**APENDICE A**

**CAR/SAM ANP, VOLUME I**  
**PART V – METEOROLOGY (MET)**

# CAR/SAM ANP, VOLUME I

## PART V – METEOROLOGY (MET)

### 1. INTRODUCTION

1.1 This part of the **CAR/SAM ANP** constitutes the agreed regional requirements considered to be the minimum necessary for effective planning and implementation of aeronautical meteorology (MET) facilities and services in the **Caribbean and South American** Regions and complements the provisions of the ICAO SARPs and PANS related to MET. It contains stable plan elements related to the assignment of responsibilities to States for the provision of MET facilities and services within the ICAO **Caribbean and South American** regions in accordance with Article 28 of the *Convention on International Civil Aviation* (Doc 7300) and mandatory requirements related to the MET facilities and services to be implemented by States in accordance with regional air navigation agreements.

1.2 The dynamic plan element related to the assignment of responsibilities to States for the provision of MET facilities and services and the mandatory requirements based on regional air navigation agreements related to MET are contained in the **CAR/SAM ANP** Volume II, Part V - MET.

1.3 The **CAR/SAM ANP** Volume III contains dynamic/flexible plan elements related to the implementation of air navigation systems and their modernization in line with the ICAO Aviation System Block Upgrades (ASBUs) methodology and associated technology roadmaps described in the Global Air Navigation Plan. The ASBU modules are aimed at increasing capacity and improving efficiency of the aviation system whilst maintaining or enhancing safety level, and achieving the necessary harmonization and interoperability at regional and global level. This includes the regionally agreed ASBU modules applicable to the specified ICAO region/sub-region and associated elements/enablers necessary for the monitoring of the status of implementation of these ASBU modules.

#### *Standards and Recommended Practices and Procedures for Air Navigation Services*

1.4 The SARPs and PANS and related guidance material applicable to the provision of MET are contained in:

- a) Annex 3 — *Meteorological Service for International Air Navigation*;
- b) *Regional Supplementary Procedures* (Doc 7030);
- c) *Handbook on the IAVW* (Doc 9766);
- d) *Manual on Volcanic Ash, Radioactive Material and Toxic Chemical Clouds* (Doc 9691);
- e) *Manual of Aeronautical Meteorological Practice* (Doc 8896);

### 2. GENERAL REGIONAL REQUIREMENTS

*World area forecast system (WAFS) and meteorological offices*

2.1 In the **Caribbean and South American** Regions, **WAFIC Washington** has been designated as the centre for the operation of the aeronautical fixed service satellite distribution system / WAFS Internet File Service (SADIS and/or WIFS) and the Internet-based Secure SADIS FTP service. The status of implementation of SADIS/WIFS by States in the **Caribbean and South American** Regions is detailed in Volume III.

2.2 In the **Caribbean and South American** Regions, WAFS products in digital form should be disseminated by **WAFIC Washington** using the SADIS 2G satellite broadcast and the Secure SADIS FTP service and/or WIFS.

#### *Volcanic Ash*

2.3 Volcanic ash advisory centres (VAACs) **Buenos Aires, Washington and Wellington** have been designated to prepare volcanic ash advisory information for the **Caribbean and South American** Regions, as indicated below. The status of implementation of volcanic ash advisory information is detailed in Volume III.

2.4 Selected State volcano observatories have been designated for notification of significant pre-eruption volcanic activity, a volcanic eruption and/or volcanic ash in the atmosphere for the **Caribbean and South American** Regions to their corresponding ACC/FIC, MWO and VAAC, as indicated at [Table MET I-1](#). The status of implementation of volcano observatory notice for aviation (VONA) is detailed in Volume III.

#### *Tropical Cyclone*

2.5 Tropical cyclone advisory centre (TCAC) **Miami** has been designated to prepare tropical cyclone advisory information for the **Caribbean and South American** Regions, as indicated below. The status of implementation of tropical cyclone advisory information is detailed in Volume III.

### **3. SPECIFIC REGIONAL REQUIREMENTS**

3.1 None

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**TABLE MET I-1 - STATE VOLCANO OBSERVATORIES**  
**Explanation of the Table**

**Column**

- 1** Name of the State responsible for the provision of a volcano observatory
- 2** Name of the volcano observatory

State	Volcano observatory
1	2
<b>Argentina</b>	Servicio Geológico Minero Argentino, SEGEMAR, Buenos Aires
<b>Chile</b>	Southern Andes Volcano Observatory (SAVO), Departamento de Ciencias Físicas, Temuco
	Servicio Nacional de Geología y Minería (SERNAGEOMIN), Santiago
<b>Colombia</b>	Servicio Geológico Colombiano, Observatorios Vulcanológicos y Sismológicos de Manizales, Popayán y Pasto
<b>Costa Rica</b>	Observatorio de Volcanes y Sismológico de Costa Rica, (OVSICORI-UNA), Heredia
<b>Ecuador</b>	Instituto Geofísico y Sismológico, Quito
<b>El Salvador</b>	Servicio Nacional de Estudios Territoriales (SNET), Ministerio de Medio Ambiente y Recursos Naturales, (MARN), El Salvador
<b>French Antilles (France)</b>	Observatoire volcanologique de la Soufriere, Guadeloupe
	Observatoire volcanologique de la Pelée, Martinique
<b>Guatemala</b>	INSIVUMEH Sección Vulcanología, Ciudad de Guatemala
<b>Guyana</b>	Guyana Geology and Mines Commission
<b>Mexico</b>	Centro Nacional de Prevención de Desastres (CENAPRED)
	Centro Universitario de Investigaciones en Ciencias del Ambiente, Universidad de Colima
	Instituto de Geofísica, UNAM Observatorio de volcanes, Universidad de Colima
<b>Montserrat (U.K.)</b>	Montserrat Volcano Observatory
<b>Nicaragua</b>	Dirección General del Inst. Nicaragüense de Estudios Territoriales (INETER), Dirección de Vulcanología, Managua
<b>Panama</b>	Instituto de Geociencias
<b>Peru</b>	Instituto Geofísico del Perú (IGP), Arequipa
<b>Trinidad and Tobago</b>	Seismic Research Unit, University of Indies, St. Augustine

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**APENDICE B**

**CAR/SAM ANP, VOLUME II**  
**PART V – METEOROLOGY (MET)**

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**CAR/SAM ANP, VOLUME II**  
**PART V – METEOROLOGY (MET)**

**1. INTRODUCTION**

1.1 This part of the Caribbean and South American ANP, Volume II, complements the provisions in the ICAO SARPs and PANS related to aeronautical meteorology (MET). It contains dynamic plan elements related to the assignment of responsibilities to States for the provision of MET facilities and services within a specified area in accordance with Article 28 of the *Convention on International Civil Aviation* (Doc 7300); and mandatory requirements related to the MET facilities and services to be implemented by States in accordance with regional air navigation agreements. Such agreement indicates a commitment on the part of the States concerned to implement the requirements specified.

**2. GENERAL REGIONAL REQUIREMENTS**

*Meteorological offices*

2.1 In the Caribbean and South American Regions, meteorological watch offices (MWO) have been designated to maintain continuous watch on meteorological conditions affecting flight operations within their area(s) of responsibility, as indicated at **Table MET II-1**.

*Meteorological observations and reports*

2.2 In the Caribbean and South American Regions, routine observations, issued as a METAR, should be made throughout the 24 hours of each day at intervals of one hour or, for RS and AS designated aerodromes[1], at intervals of one half-hour at aerodromes as indicated in **Table MET II-2**. For aerodromes included on the VHF VOLMET broadcast as indicated in **Table MET II-3**, routine observations, issued as METAR, should be made throughout the 24 hours of each day. (at intervals of one half-hour) [if applicable]

2.3 At aerodromes that are not operational throughout 24 hours, METAR should be issued at least 3 hours prior to the aerodrome resuming operations in the Caribbean and South American Regions.

*Forecasts*

2.4 In the Caribbean and South American Regions, an aerodrome forecast, issued as a TAF, should be for the aerodromes indicated in **Table MET II-2**.

2.5 In the Caribbean and South American Regions, the period of validity of a routine TAF should be of 9-, 24-, or 30-hours to meet the requirements indicated in Table MET II-2.

2.6 In the Caribbean and South American Regions, the forecast maximum and minimum temperatures expected to occur during the period of validity, together with their corresponding day and time of occurrence, should be included in TAF at aerodromes indicated in Table MET II-2.

2.7 In the Caribbean and South American Regions, landing forecasts (prepared in the form of a trend forecast) should be provided at aerodromes indicated in Table MET II-2.

*Requirements for and use of communications*

2.8 Operational meteorological information prepared as METAR, SPECI and TAF for aerodromes indicated in **Table MET II-2**, and SIGMET and AIRMET messages prepared for flight information regions or control areas indicated in **Table MET II-1**, should be disseminated to the international OPMET databanks

designated for the Caribbean and South American Regions (namely IODB BRAZILIA of OPMET databank) and to the centre designated for the operation of the aeronautical fixed service satellite distribution system (SADIS) and the Internet-based service (Secure SADIS FTP) and/or WIFS in the CAR/SAM Region(s).

2.9 SIGMET messages should be disseminated to other meteorological offices in the Caribbean and South American Regions. (In accordance with the regional OPMET bulletin exchange scheme).

2.10 Special air-reports that do not warrant the issuance of a SIGMET should be disseminated to other meteorological offices in the Caribbean and South American Regions. (In accordance with the regional OPMET bulletin exchange scheme).

2.11 In the Caribbean and South American Regions, meteorological information for use by aircraft in flight should be supplied through VOLMET broadcasts.

2.12 In the Caribbean and South American Regions, the aerodromes for which METAR and SPECI are to be included in VOLMET broadcasts, the sequence in which they are to be transmitted and the broadcast time, is indicated in **Table MET II-3**.

### **3. SPECIFIC REGIONAL REQUIREMENTS**

None

## 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

TABLE MET II-1 - METEOROLOGICAL WATCH OFFICES

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)	SIGMET (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
	Mendoza	SAMF	MENDOZA/ El Plumerillo	SAME	Y	Y		N
	Resistencia	SARR	RESISTENCIA/ Resistencia	SARE	Y	Y		N
Bolivia	La Paz	SLLP	La Paz/EI Alto Intl	SLLP	Y	Y	N	N
Brazil	Brasilia	SBBS	BRASILIA/CINDACTA I	SBBS	Y	Y	Y	N
	Curitiba	SBCW	CURITIBA/CINDACTA II	SBCW	Y	Y	Y	N
	Amazonica	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 Benitez	SCFA SCEL	Y	Y	N	N
	Puerto Montt	SCTZ	PUERTO MONTT/EI 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 Benitez	SCEL	Y	Y	N	N
Colombia	Bogotá	SKED	Bogotá/EI Dorado	SKBO	Y	Y	Y	N
	Barranquilla below FL200 (cf. Bogotá)	SKEC			N	N	N	N
Cuba	Habana	MUFH	HABANA/José Martí Intl	MUHA	Y	Y	Y	N
Curazao	Curazao	TNCF	WILLEMSTAD/Hato, Curaçao I.	TNCC	Y	Y	Y	N
Dominican Republic	Santo Domingo	MDSC	SANTO DOMINGO/ Jose Francisco Peña Gomez Intl	MDSD	Y	Y	Y	N
Ecuador	Guyaquil	SEFG	GUAYAQUIL/José Joaquín de Olmedo	SEGU	Y	Y	N	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)	SIGMET (WA)
1	2	3	4	5	6	7	8	9
French Guiana	Cayenne	S000	CAYENNE/ Rochambeau	SOCA	Y	Y	Y	N
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	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 Juarez Intl	MMMXX	Y	Y	Y	N
Panamá	Panamá	MPZL	PANAMA/ Tocumen Intl	MPTO	Y	Y	Y	N
Paraguay	Asunción	SGFA	ASUNCION/Silvio Pettrossi	SGAS	Y	Y	N	N
Peru	Lima	SPIM	LIMA-CALLAO/Jorge Chávez Intl	SPJC	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	San Juan FIR	TJZS	KANSAS CITY INTERNATIONAL, MO. Aviation Weather Center	KMCI	Y	Y	Y	N
United States	Miami ARTCC	KZMA	KANSAS CITY INTERNATIONAL, MO. Aviation Weather Center	KMCI	Y	Y	Y	Y
United States	Houston ARTCC	KZHU	KANSAS CITY INTERNATIONAL, MO. Aviation Weather Center	KMCI	Y	Y	Y	Y
United States	New York Oceanic	KZWY	KANSAS CITY INTERNATIONAL, MO. Aviation Weather Center	KMCI	Y	Y	Y	N
United States	Houston FIR/Oceanic FIR	KZHU	KANSAS CITY INTERNATIONAL, MO. Aviation Weather Center	KMCI	Y	Y	Y	N
United States	Miami FIR /Oceanic FIR	KZMA	KANSAS CITY INTERNATIONAL, MO. Aviation Weather Center	KMCI	Y	Y	Y	N
Uruguay	Montevideo	SUEO	MONTEVIDEO/Carrasco Intl Gral. Cesareo L. Berisso	SUMU	Y	Y	N	N
Venezuela	Maiquetia	SVZM	CARACAS/ Simon Bolivar 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<br><i>Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.</i>   |
| 3  | ICAO location indicator of the AOP aerodrome  |
| 4  | Designation of AOP aerodrome:<br>RG - international general aviation, regular use<br>RS - international scheduled air transport, regular use<br>RNS - international non-scheduled air transport, regular use<br>AS - international scheduled air transport, alternate use<br>ANS - international non-scheduled air transport, alternate use |
| 5  | Name of the aerodrome meteorological office responsible for the provision of meteorological service<br><i>Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.</i>                    |
| 6  | ICAO location indicator of the responsible aerodrome meteorological office  |
| 7  | Requirement for METAR/SPECI from the aerodrome concerned, where:<br>Y – Yes, required<br>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:<br>Y – Yes, required<br>N – No, not required   |
| 9  | Requirement for trend forecast to be appended to METAR/SPECI from the aerodrome concerned, where<br>Y – Yes, required<br>N – No, not required   |
| 10 | Requirement for TAF from the aerodrome concerned, where<br>C - Requirement for 9-hour validity aerodrome forecasts in TAF code (9H)<br>T - Requirement for 18/24-hour validity aerodrome forecasts in TAF code (18/24H)<br>X - Requirement for 30-hour validity aerodrome forecasts in TAF code (30H)<br>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:<br>Y – Yes, required<br>N – No, not required  |
| 12 | Availability of METAR/SPECI and TAF from the aerodrome concerned, where:<br>F – Full availability : OPMET information as listed issued for the aerodrome all through the 24-hour period<br>P – Partial availability: OPMET information as listed not issued for the aerodrome for the entire 24-hour period                                 |

State	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)	THE VALLEY/ Clayton J. Lloyd Intl. Airport	TQPF	RS	V.C. Bird, Antigua	TAPA	Y	N	N	T	Y	P
Antigua and Barbuda	SAINT JOHNS/ V.C. Bird International Airport	TAPA	RS	V.C. Bird, Antigua	TAPA	Y	Y	Y	T	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/ Gobernador Guzman	SASJ	RS	Cordoba/ Ing. Aer. A.L.V. Taravella	SACO	Y	N	N	T	Y	F
	MAR DEL PLATA/Astor Piazzolla	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	
Aruba (Kingdom of Netherlands)	ORANJESTAD/ Reina Beatrix International Airport	TNCA	RS	Curacao/ Aeropuerto Hato	TNCC	Y	N	N	T	Y	F
Bahamas	ALICE TOWN/ Bimini International Airport.	MYBS	RS	Nassau/ Lynden Pindling Intl.	MYNN	N	N	N			N
	COCKBURN TOWN/San Salvador International Airport.	MYSM	RS	Nassau/ Lynden Pindling Intl.	MYNN	Y	N	N	T	Y	F
	FREEPORT/ Grand Bahama International Airport.	MYGF	RS	Freeport/ Grand Bahama Intl.	MYGF	Y	N	N	T	Y	F
	GOVERNOR'S HARBOUR/ Governor's Harbour International Airport.	MYEM	RS	Nassau/ Lynden Pindling Intl.	MYNN	N	N	N			N

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	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
	MARSH HARBOUR/ Marsh Harbour International Airport.	MYAM	RS	Nassau/ Lynden Pindling Intl.	MYNN	Y	N	N	T	Y	P
	NASSAU/ Lynden Pindling International Airport.	MYNN	RS	Nassau/ Lynden Pindling Intl.	MYNN	Y	N	N			F
	NORTH ELEUTHERA/ North Eleuthera International Airport.	MYEH	RS	Nassau/ Lynden Pindling Intl.	MYNN	N	N	N	T	Y	N
	STELLA MARIS/ Stella Maris International Airport.	MYLS	RS	Nassau/ Lynden Pindling Intl.	MYNN	N	N	N			N
	TREASURE CAY/ Treasure Cay International Airport.	MYAT	RS	Nassau/ Lynden Pindling Intl.	MYNN	N	N	N			N
	WEST END/ West End International Airport.	MYGW	RNS&AS	West End Intl.	MYGW	N	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
Bermuda (United Kingdom)	BERMUDA/ L. F. Wade Intl	TXKF	RS	L. F. Wade Intl	TXKF	Y		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
	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	BELEM/ Val de Cans/Julio Cezar Ribeiro, P	SBBE	Y	N	Y	T	Y	F
	BELO HORIZONTE/Tancredo Neves, MG	SBCF	RS	BRASILIA/Pres. Juscelino Kubitschek, DF	SBBR	Y	N	Y	T	Y	F
	BOA VISTA/Atlas Brasil Cantanhede, RR	SBBV	RS	MANAUS/Eduardo Gomes, AM	SBEG	Y	N	Y	T	Y	F
	BRASILIA/Pres. Juscelino Kubitschek, DF	SBBR	RS	BRASILIA/Pres. Juscelino Kubitschek, DF	SBBR	Y	N	Y	T	Y	F
	CABO FRIO/Cabo Frio, RJ	SBCB	RS	Rio De Janeiro/ Galeao-Antonio Carlos Jobim, Rj	SBGL	Y	N	Y	T	Y	F
	CAMPINAS/ Viracopos, SP	SBKP	RS	Sao Paulo/ Guarulhos, Governador Andre Franco Montoro, 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	MANAUS/Eduardo Gomes, AM	SBEG	Y	N	Y	T	Y	P
	CUIABA/ Marechal Rondon, MT	SBCY	RS	MANAUS/Eduardo Gomes, AM	SBEG	Y	N	Y	T	Y	F
	CURITIBA/Afonso Pena, PR	SBCT	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
	FLORIANOPOLIS/ Hercilio Luz, SC	SBFL	RS	PORTO ALEGRE/ Salgado Filho, RSs	SBPA	Y	N	Y	T	Y	F
	FORTALEZA/ Pinto Martins, CE	SBFZ	RS	RECIFE/ Guararapes - Gilberto Freyre,PE	SBRF	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
	MACAPÁ/Alberto Alcolumbre, AP	SBMQ	RS	BELEM/ Val de Cans/Julio Cezar Ribeiro, PA	SBBE	Y	N	Y	T	Y	F
	MACEIO/ Zumbi dos Palmares, AL	SBMO	RS	RECIFE/ Guararapes - Gilberto Freyre,PE	SBRF	Y	N	Y	T	Y	F
	MANAUS/Eduardo Gomes, AM	SBEG	RS	MANAUS/Eduardo Gomes, AM	SBEG						
	PONTA PORÃ/Ponta Porã, MS	SBPP	RNS	Porto Alegre/ Salgado Filho, Rs	SBPA	Y	N	Y	T	Y	P
	PETROLINA/Senador Nilo Coelho, Pe	SBPL	RS	RECIFE/ Guararapes - Gilberto Freyre,PE	SBRF	Y	N	Y	T	Y	F
	PORTO ALEGRE/ Salgado Filho, RSs	SBPA	RS	Porto Alegre/ Salgado Filho, Rs	SBPA	Y	N	Y	T	Y	F
	RECIFE/ Guararapes - Gilberto Freyre,PE	SBRF	RS	RECIFE/ Guararapes - Gilberto Freyre,PE	SBRF	Y	N	Y	T	Y	F
	RIO DE JANEIRO/Galeão-Antônio Carlos Jobim, RJ	SBGL	RS	Rio De Janeiro/ Galeao-Antonio Carlos Jobim, Rj	SBGL	Y	N	Y	X	Y	F
	SALVADOR/Deputado Luis Eduardo Magalhães, BA	SBSV	RS	RECIFE/ Guararapes - Gilberto Freyre,PE	SBRF	Y	N	Y	T	Y	F
	SANTAREM/ Maestro Wilson Fonseca,PA	SBSN	AS	BELEM/ Val de Cans/Julio Cezar Ribeiro, PA	SBBE	Y	N	Y	T	Y	F
	SÃO LUÍS/Marechal Cunha Machado, MA	SBSL	AS	BELEM/ Val de Cans/Julio Cezar Ribeiro, PA	SBBE	Y	N	Y	T	Y	F
	SÃO GONÇALO DO AMARANTE/São Gonçalo do Amarante, RN	SBSG	RS	RECIFE/ Guararapes - Gilberto Freyre,PE	SBRF	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	MANAUS/Eduardo Gomes, AM	SBEG	Y	N	Y	T	Y	P
	URUGUAINA/Rubem Berta, RS	SBUG	RS	Porto Alegre/ Salgado Filho, Rs	SBPA						
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

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1	2	3	4	5	6	7	8	9	10	11	12
	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 Cortissoz/Atlantico	SKBQ	RS	Barranquilla/ Ernesto Cortissoz/ 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
	BUCARAMANGA/Palonegro	SKBG	RS								
	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
	PEREIRA/Matecaña	SKPE	RS								
	RIONEGRO/ José María Córdoba/Antioquia	SKRG	RS	Rionegro/ José María Córdoba/Antioquia	SKRG	Y	N	N	T	Y	F
	SAN ANDRES/ Gustavo Rojas Pinilla/San Andres	SKSP	RS	San Andres/ Gustavo Rojas Pinilla/San Andres	SKSP	Y	N	N	T	Y	P
	SANTA MARTA/Simón Bolívar	SKSM	RS								
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&AS	Alajuela/ Juan Santamaria Intl.	MROC	Y	N	N	T	Y	P
	LIMÓN/ Limon Intl.	MRLM	RG	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	RS	Habana/ Jose Marti Intl	MUHA	Y	N	N	T	N	F

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1	2	3	4	5	6	7	8	9	10	11	12
	CAYO COCO/Jardines Del Rey Intl	MUCC	RS	Habana/ Jose Marti Intl	MUHA	Y	N	N	T	N	P
	CAYO LARGO DEL SUR/Vilo Acuna Intl	MUCL	RS	Habana/ Jose Marti Intl	MUHA	Y	N	N	T	N	F
	CIENFUEGOS/Jaime González	MUCF	RS								
	HABANA/Jose Marti	MUHA	RS	Habana/ Jose Marti Intl	MUHA	Y	N	N	T	N	F
	HOLGUIN/Frank Pais Intl	MUHG	RS	Habana/ Jose Marti Intl	MUHA	Y	N	N	T	N	F
	SANTIAGO DE CUBA/Antonio Maceo	MUCU	RS	Habana/ Jose Marti Intl	MUHA	Y	N	N	T	N	F
	MANZANILLO/Sierra Maestra	MUMZ	RS								
	SANTA CLARA/Abel Santamaria	MUSC	RS								
	VARADERO/Juan Gualberto Gomez	MUVR	RS	Habana/ Jose Marti Intl	MUHA	Y	N	N	T	N	F
Curacao (Kingdom of Netherlands)	WILLEMSTAD/ Hato, Curaçao I.	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/Canefield Intl.	TDPR	RS	Bridgetown/ Grantley Adams, Barbados Intl.	TBPB	N	N	N	N	N	N
Dominican Republic	BARAHONA/Arpto. Internacional Maria Montes	MDBH	RS	Santo Domingo/ Jose Francisco Peña Gomez	MDSO	Y	N	Y	T	Y	F
	LA ROMANA/ Casa de Campo Intl. Intl	MDLR	RS	Santo Domingo/ Jose Francisco Peña Gomez	MDSO	Y	N	N	T	Y	F
	PUERTO PLATA/Gregorio Luperon Intl	MDPP	RS	Santo Domingo/ Jose Francisco Peña Gomez	MDSO	Y	N	N	T	Y	F
	PUNTA CANA/Punta Cana Intl	MDPC	RS	Santo Domingo/ Jose Francisco Peña Gomez	MDSO	Y	N	N	T	Y	F
	SANTIAGO/Cibao Intl	MDST	RS	Santo Domingo/ Jose Francisco Peña Gomez	MDSO	Y	N	N	T	Y	F
	SANTO DOMINGO/ Jose Francisco Peña Gomez Intl	MDSO	RS	Santo Domingo/ Jose Francisco Peña Gomez	MDSO	Y	N	Y	T	Y	F
	SAMANA/EI Catey Intl	MDCY	RS			N	N	N	N	N	N
	HIGUERO/Dr. Joaquin Balaguer Intl	MDJB	RS			N	N	N	N	N	N
Ecuador	GUAYAQUIL/ Jose Joaquin Olmedo	SEGU	RS	Guayaquil/ Jose Joaquin Olmedo	SEGU	Y	N	Y	T	Y	F
	LATACUNGA/Cotopaxi	SELT	RNS&AS	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
	QUITO/Mariscal Sucre	SEQM	RS	Quito/Mariscal Sucre	SEQM	Y	N	Y	T	Y	F

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1	2	3	4	5	6	7	8	9	10	11	12
El Salvador	SAN SALVADOR/ Ilopango Intl	MSSS	RG	San Salvador/ El Salvador Intl	MSLP	Y	N	N	T	Y	P
	SAN SALVADOR/ Aeropuerto Intl. Monseñor Oscar Arnulfo Romero y Galdames	MSLP	RS	San Salvador/El Salvador Intl	MSLP	Y	N	N	T	Y	F
French Antilles (France)	FORT-DE-FRANCE/ Le Lamentin, Martinique	TFFF	RS	Martinique/ Aime Cesaire	TFFF	Y	N	Y	T	Y	F
	POINTE-À-PITRE/Le Raizet, Guadeloupe	TFFR	RS	Pointe-A-Pitre, Le Raizet	TFFR	Y	N	Y	T	Y	F
	SAINT BARTHELEMY/ Saint Barthelemy, Guadeloupe	TFFJ	RS	Pointe-A-Pitre, Le Raizet	TFFR	Y	N	N	N	N	N
	SAINT MARTIN/ Grand Case, Guadeloupe	TFFG	RS	Pointe-A-Pitre, Le Raizet	TFFR	Y	N	N	N	N	N
French Guiana (France)	CAYENNE/Rochambeau	SOCA	RS	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/ Puerto de San Jose	MGSJ	RG&AS	Guatemala/ La Aurora	MGGT	Y	N	F	T	Y	F
	SANTA HELENA/Mundo Maya Intl.	MGMN	RG&AS	Guatemala/ La Aurora	MGGT	N	N	N	N	N	N
Guyana	GEORGETOWN/ Cheddi Jagan Intl Airport	SYCJ	RS	Georgetown/ Cheddi Jagan Intl Airport	SYCJ	Y	N	Y	T	Y	F
	GEORGETOWN/Eugene F. Correia International Airport	SYEC	RS	Georgetown/ Cheddi Jagan Intl Airport	SYCJ	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

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Mexico	ACAPULCO/ Gral. Juan N. Alvarez Intl	MMAA	RS	Mexico	MMM	Y	N	N	T	Y	F
	AGUASCALIENTES/ Aeropuerto Jesús Terán	MMAS	RS	Mexico	MMM	Y	N	N	T	Y	P
	BAHIAS DE HUATULCO/ Bahias De Huatulco	MMBT	RS	Mexico	MMM	Y	N	N	T	Y	P
	CABO SAN LUCAS/Cabo San Lucas	MMSL	RNS	Mexico	MMM	Y	N	N	T	Y	P
	CAMPECHE/ Ing. Alberto Acuña Ongay	MMCP	RG	Mexico	MMM	Y	N	N	T	Y	P
	CANCUN/ Cancun Intl	MMUN	RS	Mexico	MMM	Y	N	N	T	Y	F
	CIUDAD JUÁREZ/Abraham González Intl.	MMCS	RG &AS	Mexico	MMM	Y	N	N	T	Y	P
	CHETUMAL/ Chetumal Intl	MMCM	RS	Mexico	MMM	Y	N	N	T	Y	P
	CHICHÉN-ITZA/Chichén-Itza	MMCT	RS	Mexico	MMM	Y	N	N	T	Y	P
	CIUDAD DEL CARMEN/Ciudad Del Carmen Intl	MMCE	RS	Mexico	MMM	Y	N	N	T	Y	P
	CIUDAD OBREGÓN/Ciudad Obregón	MMCN	AS	Mexico	MMM	Y	N	N	T	Y	P
	CIUDAD VICTORIA/ General Pedro José Mendez	MMCV	AS	Mexico	MMM	Y	N	N	T	Y	P
	CHIHUAHUA/ General De Division y Piloto Aviador Roberto Fierro Villalobos Intl	MMCU	RS	Mexico	MMM	Y	N	N	T	Y	P
	COZUMEL/ Cozumel Intl	MMCZ	RS	Mexico	MMM	Y	N	N	T	Y	F
	CULIACAN/Culiacan	MMCL	RS	Mexico	MMM	Y	N	N	T	Y	P
	DURANGO/Durango	MMDO	RS	Mexico	MMM	Y	N	N	T	Y	P
	GUADALAJARA/Miguel Hidalgo Y Costilla	MMGL	RS	Mexico	MMM	Y	N	N	T	Y	F
	GUAYMAS/Gral. Jose Maria Yáñez Intl	MMGM	RS	Mexico	MMM	Y	N	N	T	Y	P
	HERMOSILLO/Aeropuerto Internacional General Ignacio Pesqueira García	MMHO	RS	Mexico	MMM	Y	N	N	T	Y	P
	IXTAPA-ZIHUATANEJO/Ixtapa-Zihuatanejo	MMZH	RS	Mexico	MMM	Y	N	N	T	Y	P
LA PAZ/ Gral. Manuel Márquez De León Intl	MMLP	RS	Mexico	MMM	Y	N	N	T	Y	P	
LEON/ Aeropuerto Internacional De Guanajuato	MMLO	RS	Mexico	MMM	Y	N	N	T	Y	P	
LORETO/Loreto Intl	MMLT	RS	Mexico	MMM	Y	N	N	T	Y	P	

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	LOS MOCHIS/Del Valle Del Fuerte	MMLM	RS	Mexico	MMM	Y	N	N	T	Y	P
	MANZANILLO/Playa De Oro Intl	MMZO	RS	Mexico	MMM	Y	N	N	T	Y	P
	MATAMOROS/Matamoros Intl.	MMMA	RG&AS	Mexico	MMM	Y	N	N	T	Y	P
	MAZATLAN/ Gral. Rafael Buelna Intl	MMMZ	RS	Mexico	MMM	Y	N	N	T	Y	F
	MERIDA/ Lic. Manuel Crescencio Rejón Intl	MMMD	RS	Mexico	MMM	Y	N	N	T	Y	F
	MEXICALI/ Gral. Rodolfo Sánchez Taboada Intl	MMML	RG	Mexico	MMM	Y	N	N	T	Y	P
	MEXICO/ Aeropuerto Internacional Benito Juárez, Ciudad De México	MMM	RS	Mexico	MMM	Y	N	Y	T	Y	F
	MINATITLAN/ Minatitlan	MMMT	RS	Mexico	MMM	Y	N	N	T	Y	P
	MONCLOVA/ Venustiano Carranza	MMMV	RS		MMM	Y	N	N	T	Y	P
	MONTERREY/Del Norte Intl.	MMAN	RG&AS	Mexico	MMM	Y	N	N	T	Y	P
	MONTERREY/ Gral. Mariano Escobedo Intl	MMMY	RS	Mexico	MMM	Y	N	N	T	Y	F
	MORELIA/Gral. Francisco J. Mujica Intl	MMMM	RS	Mexico	MMM	Y	N	N	T	Y	P
	NUEVO LAREDO/ Aeropuerto Internacional Quetzalcóatl	MMNL	RG	Mexico	MMM	Y	N	N	T	Y	P
	OAXACA/Xoxocotlán	MMOX	RS	Mexico	MMM	Y	N	N	T	Y	P
	PIEDRAS NEGRAS/Piedras Negras Intl	MMPG	RG	Mexico	MMM	Y	N	N	T	Y	P
	PUEBLA/Hermanos Serdán	MMPB	RS	Mexico	MMM	Y	N	N	T	Y	P
	PUERTO ESCONDIDO/Puerto Escondido	MMPS	AS	Mexico	MMM	Y	N	N	T	Y	P
	PUERTO VALLARTA/Lic. Gustavo Diaz Ordaz Intl	MMPR	RS	Mexico	MMM	Y	N	N	T	Y	F
	QUERETARO/Intercontinental De Querétaro	MMQT	RS	Mexico	MMM	Y	N	N	T	Y	P
	Reynosa/Gral. Lucio Blanco Intl	MMRX	RG	Mexico	MMM	Y	N	N	T	Y	P
	SALTILLO/Plan De Guadalupe	MMIO	RS	Mexico	MMM	Y	N	N	T	Y	P
	SAN LUIS POTOSÍ/Ponciano Arriaga	MMSP	RS	Mexico	MMM	Y	N	N	T	Y	P
	SAN JOSE DEL CABO/ Aeropuerto Intl Los Cabos	MMSD	RS	Mexico	MMM	Y	N	N	T	Y	P
	TAMPICO/ Gral. Franciso Javier Mina Intl	MMTM	RS	Mexico	MMM	Y	N	N	T	Y	P

State	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
	TAPACHULA/ Tapachula Intl	MMTP	RS	Mexico	MMM	Y	N	N	T	Y	P
	TIJUANA/Gral. Abelardo L. Rodriguez Intl	MMTJ	RS	Mexico	MMM	Y	N	N	T	Y	F
	TOLUCA/Jose María Morelos y Pavón	MMTO	RNS	Mexico	MMM	Y	N	N	T	Y	F
	TORREÓN/Francisco Sarabia	MMTC	RS	Mexico	MMM	Y	N	N	T	Y	P
	TUXTLA GUTIERREZ/Angel Albino Corzo	MMTG	RS	Mexico	MMM	Y	N	N	T	Y	P
	VERACRUZ/Gral. Heriberto Jara Intl	MMVR	RS	Mexico	MMM	Y	N	N	T	Y	F
	VILLAHERMOSA/Capitán P.A. Carlos Rovirosa	MMVA	RS	Mexico	MMM	Y	N	N	T	Y	P
	CIUDAD ACUÑA/Cuidad Acuña Intl.	MMMC	RG								
	CUERNAVACA/General Mariano Matamoros	MMCB	RS								
	NOGALES/Nogales Intl.	MMNG	RG								
	PALENQUE/Palenque	MMPQ	RS								
	PUERTO PEÑASCO/Aeropuerto del Mar de Cortes	MMPE	RS								
	SAN FELIPE/San Felipe Intl.	MMSF	RG								
	TEPIC/Tepic Intl	MMEP	RS								
	URUAPAN/General Ignacio López Rayón	MMPN	RS								
	ZACATECAS/Aeropuerto General Leobardo C. Ruiz Intl.	MMZC	RS	Mexico	MMM	Y	N	N	T	Y	F
Montserrat (United Kingdom)	GERALD'S/John A. Osborne Intl	TRPG	RS	V. C. Bird, Antigua	TRPG	Y	N	N	T	Y	P
Netherlands	KRALENDIJK/Flamingo, Bonaire I.	TNCB	RS	De Bilt, The Netherlands	EHDB	Y	N	N	X	Y	P
	ORANJESTAD/F. D. Roosevelt, Saint Eustatius I.	TNCE	RS	De Bilt, The Netherlands	EHDB	N	N	N	N	N	N
	THE BOTTOM/Juancho E. Yrausquin, Saba	TNCS	RS	De Bilt, The Netherlands	EHDB	N	N	N	N	N	N
Nicaragua	MANAGUA/ Augusto Cesar Sandino Intl	MNMG	RS	Managua/ Augusto Cesar Sandino Intl	MNMG	Y	N	Y	T	Y	F
Panamá	BOCAS DEL TORO/ Bocas Del Toro	MPBO	RG&AS	Panamá/ Tocumen Intl	MPTO	Y	N	N	T	Y	P
	PANAMA/Panamá Pacifico	MPPA	AS	Panamá/ Tocumen Intl	MPTO	Y	N	Y	X	Y	P
	DAVID/ Enrique Malek	MPDA	RS	Panamá/ Tocumen Intl	MPTO	Y	N	N	T	Y	P

State	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
	PANAMA/ Marcos A. Gelabert	MPMG	RNS&AS	Panama/ Tocumen Intl	MPTO	Y	N	Y	T	Y	P
	PANAMA/Cap. Scarlett Martínez	MPSM	AS	Panama/ Tocumen Intl	MPTO	Y	N	Y	X	Y	P
	PANAMA/Tocumen Intl	MPTO	RS	Panama/Tocumen Intl	MPTO	Y	N	Y	X	Y	F
Paraguay	LUQUE/ Silvio Pettirossi Intl	SGAS	RS	Luque/ Silvio Pettirossi Intl	SGAS	Y	N	N	T	Y	F
	MINGA GUAZÚ/ Guaraní Intl	SGES	RS	Luque/ Silvio Pettirossi Intl	SGAS	Y	N	N	T	Y	F
Peru	AREQUIPA/ Intl. Alfredo Rodríguez Ballón	SPQU		Arequipa/ Intl. Alfredo Rodríguez Ballón	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	SPJC	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	SPJC	RS	Lima-Callao/Intl. Jorge Chavez	SPJC	Y	N	N	T	Y	F
	PISCO/Intl. Pisco	SPSO	AS	Lima-Callao/Intl. Jorge Chavez	SPJC	Y	N	N	T	Y	F
	TACNA/Intl. Coronel Fap Carlos Ciriani Santa Rosa	SPTN	RG	Lima-Callao/Intl. Jorge Chavez	SPJC	Y	N	N	T	Y	F
	TRUJILLO/Intl. Capitan Carlos Martínez De Pinillos	SPRU	AS	Lima-Callao/Intl. Jorge Chavez	SPJC	Y	N	N	T	Y	F
Puerto Rico (United States)	AGUADILLA/Rafael Hernández Intl.	TJBQ	RS	Washington (Nws National Met Center), Dc.	KWBC	Y	N	N	T	Y	P
	FAJARDO/Diego Jimenez Torres	TJFA	RS	Washington (Nws National Met Center), Dc.	KWBC	N	N	N	N	N	N
	PONCE/Ponce-Mercedita	TJPS	AS	Washington (Nws National Met Center), Dc.	KWBC	Y	N	Y	T	Y	F
	SAN JUAN/Luis Muñoz Marín Intl	TJSJ	RS	Washington (Nws National Met Center), Dc.	KWBC	Y	N	Y	T	Y	F
	VIEQUES/Antonio Rivera	TJVQ	RS	Washington (Nws National Met Center), Dc.	KWBC	N	N	N	N	N	N
Saint Kitts and Nevis	BASSETERRE/Robert L. Bradshaw, Saint Kitts I.	TKPK	RS	Washington (Nws National Met Center), Dc.	KWBC	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

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	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
Sint Maarten (Kingdom of Netherlands)	PHILIPSBURG/Princess Juliana, Sint Maarten I.	TNCM	RS	San Juan Weather Forecast Office	TSJS	Y	N	N	T	N	F
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
Trinidad and Tobago	SCARBOROUGH/ Crown Point, Tobago I.	TTCP	RS	Port Of Spain/Piarco Intl., Trinidad I.	TTPP	Y	N	N	T	Y	F
	PORT OF SPAIN/Piarco Intl., Trinidad I.	TTPP	RS	Port Of Spain/Piarco Intl., Trinidad I.	TTPP	Y	N	N	T	Y	F
Turks and Caicos Islands (United Kingdom)	GRAND TURK/Grand Turk Intl	MBGT	RS	Lynden Pindling International	MYNN	Y	N	N	T	Y	P
	PROVIDENCIALES/ Providenciales Intl	MBPV	RS	Lynden Pindling International	MYNN	Y	N	N	T	Y	P
	SOUTH CAICOS/South Caicos Intl	MBSC	RS	Lynden Pindling International	MYNN	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"	SUMU	Y	N	N	T	Y	F
	MONTEVIDEO/ Intl De Carrasco "Gral. Cesareo L. Berisso"	SUMU	RS	Montevideo/ Intl De Carrasco "Gral. Cesareo L. Berisso"	SUMU	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
	MAIQUETÍA/Simón Bolívar Intl	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. Santiago 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/Gral. Juan Vicente Gómez Intl	SVSA	RG	Caracas/ Simon Bolivar Intl Maiquetia,	SVMI	Y	N	N	T	Y	P
	BARQUISIMETO/Gral. Jacinto Lara Intl	SVBM	RS	Caracas/ Simon Bolivar Intl Maiquetia,	SVMI	Y	N	N	T	Y	F
PUERTO ORDAZ/Gral. Manuel Carlos Piar Intl	SVPR	RS	Caracas/ Simon Bolivar Intl Maiquetia,	SVMI							

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1	2	3	4	5	6	7	8	9	10	11	12
	SANTO DOMINGO DEL TACHIRA/May. Buenaventura Vivas Intl.	SVSO	RG	Caracas/ Simon Bolivar Intl Maiquetia,	SVMI	Y	N	N	T	Y	F
	CARACAS/Oscar Machado Zuloaga Intl.	SVCS	RG	Caracas/ Simon Bolivar Intl Maiquetia,	SVMI						
	VALENCIA/ Arturo Michelena Intl	SVVA	RS	Valencia, Carabobo	SVVA	Y	N	N	T	Y	P
Virgin Islands (United Kingdom)	ROADTOWN/Beef Island	TUPJ	RS	V. C. Bird, Antigua	TJSJ	Y	N	N	T	Y	P
	VIRGIN GORDA I./ Virgin Gorda	TUPW	RS	V. C. Bird, Antigua	TJSJ	N	N	N	N	Y	N
Virgin Islands (United States)	SAINT THOMAS/ Cyril E. King	TIST	RS	Washington (Nws National Met Center), Dc.	KWBC	Y	N	N	T	Y	F
	CHRISTIANSTED/ Henry E. Rohlsen, St. Croix	TISX	RS	Washington (Nws National Met Center), Dc.	KWBC	Y	N	N	T	Y	F

## **TABLE MET II-3 – VOLMET BROADCASTS**

### EXPLANATION OF THE TABLE

The transmitting station appears at the top of each block.

Names in lower case letters indicate aerodromes for which reports (routine or selected special) are required.

Names in upper-case letters indicate aerodromes for which forecasts are required.

TABLE MET II-3 – VOLMET BROADCASTS

*Note: To be completed*

**SAM COM/MET 2019-NE/04**

**APENDICE C**

**GUÍA PARA LA PREPARACIÓN Y DIFUSIÓN DE MENSAJES OPMET  
EN LAS REGIONES CAR/SAM**

(a ser provista durante la Reunión)