



ICAO

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INFORMATION PAPER

NACC/WG/MET/TF/4 — IP/03
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**Fourth Meeting of the North American, Central American and Caribbean Working Group
Implementation of Aeronautical Meteorology (MET) Task Force
(NACC/WG/MT/TF/4)**

Mexico City, Mexico, 28 to 31 July 2026

Agenda Item 3: Follow-up on Valid Conclusions and Decisions from NACC/WG and MET/TF previous meetings.

IWWXM PROGRESS IN THE UNITED STATES

(Presented by United States)

EXECUTIVE SUMMARY	
A brief update on the IWWXM progress and testing in the United States.	
<i>Strategic Objectives:</i>	● Air Navigation Capacity and Efficiency
<i>References:</i>	● DRAFT CONCLUSION MET/TF/3/01

1. INTRODUCTION

1.1 The United States (US) has been testing IWWXM exchanges with other ICAO States in the North American, Central American and Caribbean regions (NACC). In addition, a new set of IWWXM bulletins will be introduced for US TAF and METAR as the Washington Inter-Regional OPMET Gateway gets closer to distributing and receiving global OPMET.

2. DISCUSSION

2.1 The US is deficient for the provision/exchange of the following IWWXM MET message types:

- LU – Volcanic Ash Advisory (VAA)
- LK – Tropical Cyclone Advisory (TCA)
- LS – SIGMET
- LY – Tropical cyclone SIGMET (TC SIGMET)
- LV – Volcanic Ash SIGMET (VA SIGMET)
- LT - TAF
- LA - METAR
- LP - SPECI
- LM - VONA
- LN- Space Weather Advisory

2.2 The US acknowledges its deficiencies in the international exchange of MET information in IWXXM format and the burden this deficiency places on States within the NACC region (and others).

2.3 This deficiency is rooted in an inability to internally exchange the data over the Aeronautical Message Handling System (AMHS) between the National Weather Service (NWS) and Federal Aviation Administration (FAA) shared gateway. As of June 2026, the FAA was close to establishing an Advanced Message Queue (AMQ) consumer account for NWS to publish its IWXXM information to this gateway in order for the FAA to then route it for international distribution over AMHS. The U.S. expects to become compliant with the international IWXXM exchange by the end of 2026.

2.4 Additionally the US sends over 715 TAFs and METARs internationally with Traditional Alpha-Numeric Code (TAC). These are sent over AMHS as the following bulletins, FT/SA/SPUS21-25 KWBC.

2.5 Many States use their current TAC WMO identifications (ID) and convert over to IWXXM. For example, the SAUS21 KWBC bulletin is replaced with LAUS21 KWBC. However, due to its complex airspace, feedback from the user community was that the current list of TAFs and METARs from the US was too large. Therefore, a new bulletin with only 81 locations was developed. These sites represent the busiest international airfields in the US. These new bulletins will be LA/LP/LTUS26 KWBC and only used for international distribution when the US is prepared to deliver IWXXM later in the year.

2.6 Please see appendix A for the list of IWXXM OPMET stations.

3. **ACTION BY THE MEETING**

3.1 The meeting is invited to note the information contained in this paper.

APPENDIX A

No.	LOC ID	Name
1	KATL	Hartsfield-Jackson Atlanta International
2	KAUS	Austin-Bergstrom International
3	KBDL	Bradley International
4	KBGR	Bangor International
5	KBNA	Nashville International
6	KBOS	Boston Logan International
7	KBUF	Buffalo Niagara International
8	KBWI	Baltimore/Washington International
9	KCLE	Cleveland Hopkins International
10	KCLT	Charlotte Douglas International
11	KCVG	Cincinnati/Northern Kentucky International
12	KDEN	Denver International
13	KDFW	Dallas/Fort Worth International
14	KDTW	Detroit Metropolitan Wayne County
15	KEWR	Newark Liberty International
16	KFLL	Fort Lauderdale/Hollywood International
17	KHOU	Houston Hobby
18	KIAD	Washington Dulles International
19	KIAH	George Bush Houston Intercontinental
20	KIND	Indianapolis International
21	KJAX	Jacksonville International
22	KJFK	New York John F Kennedy International
23	KLAS	Las Vegas McCarran International
24	KLAX	Los Angeles International
25	KMCI	Kansas City International
26	KMCO	Orlando International
27	KMDW	Chicago Midway
28	KMEM	Memphis International
29	KMIA	Miami International
30	KMKE	Milwaukee General Mitchell International
31	KMSP	Minneapolis/St Paul International
32	KMSY	Louis Armstrong New Orleans International
33	KOAK	Oakland International
34	KONT	Ontario International
35	KORD	Chicago O'Hare International
36	KPBI	Palm Beach International
37	KPDX	Portland International
38	KPHL	Philadelphia International
39	KPHX	Phoenix Sky Harbor International
40	KPIT	Pittsburgh International
41	KPSP	Palm Springs International
42	KPVD	Providence Theodore Francis Green State
43	KRDU	Raleigh/Durham International

44	KRFD	Greater Rockford
45	KRSW	Southwest Florida International
46	KSAN	San Diego International
47	KSAT	San Antonio International
48	KSDF	Louisville International
49	KSEA	Seattle/Tacoma International
50	KSFO	San Francisco International
51	KSJC	Norman Mineta San Jose International
52	KSLC	Salt Lake City International
53	KSMF	Sacramento International Airport
54	KSNA	John Wayne Airport -Orange County
55	KSTL	Lambert St Louis International
56	KSWF	Stewart International
57	KTPA	Tampa International
58	NSTU	Pago Pago International
59	PACD	Cold Bay
60	PAED	Elmendorf AFB
61	PAEI	Eielson AFB
62	PAFA	Fairbanks International
63	PAKN	King Salmon
64	PANC	Ted Stevens Anchorage International
65	PGRO	Benjamin Taisacan Manglona International
66	PGSN	Francisco C Ada/Saipan International
67	PGUA	Anderson AFB
68	PGUM	Guam International
69	PHNL	Honolulu International
70	PHOG	Kahului
71	PHTO	Hilo International
72	PKMJ	Marshall Islands International
73	PTKK	Chuuk International (FSM)
74	PTPN	Pohnpei International (FSM)
75	PTRO	Palau International
76	PTYA	Yap International (FSM)
77	TIST	Cyril E King Airport (St Thomas USVI)
78	TISX	Henry E Rohlsen Airport (St Croix USVI)
79	TJBQ	Rafael Hernandez International
80	TJPS	Mercedita (Ponce)
81	TJSJ	San Juan Luis Munoz International

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