

# National Weather Service

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## **Fostering Aviation Safety & Infrastructure Development Thru Government & Industry Partnerships**



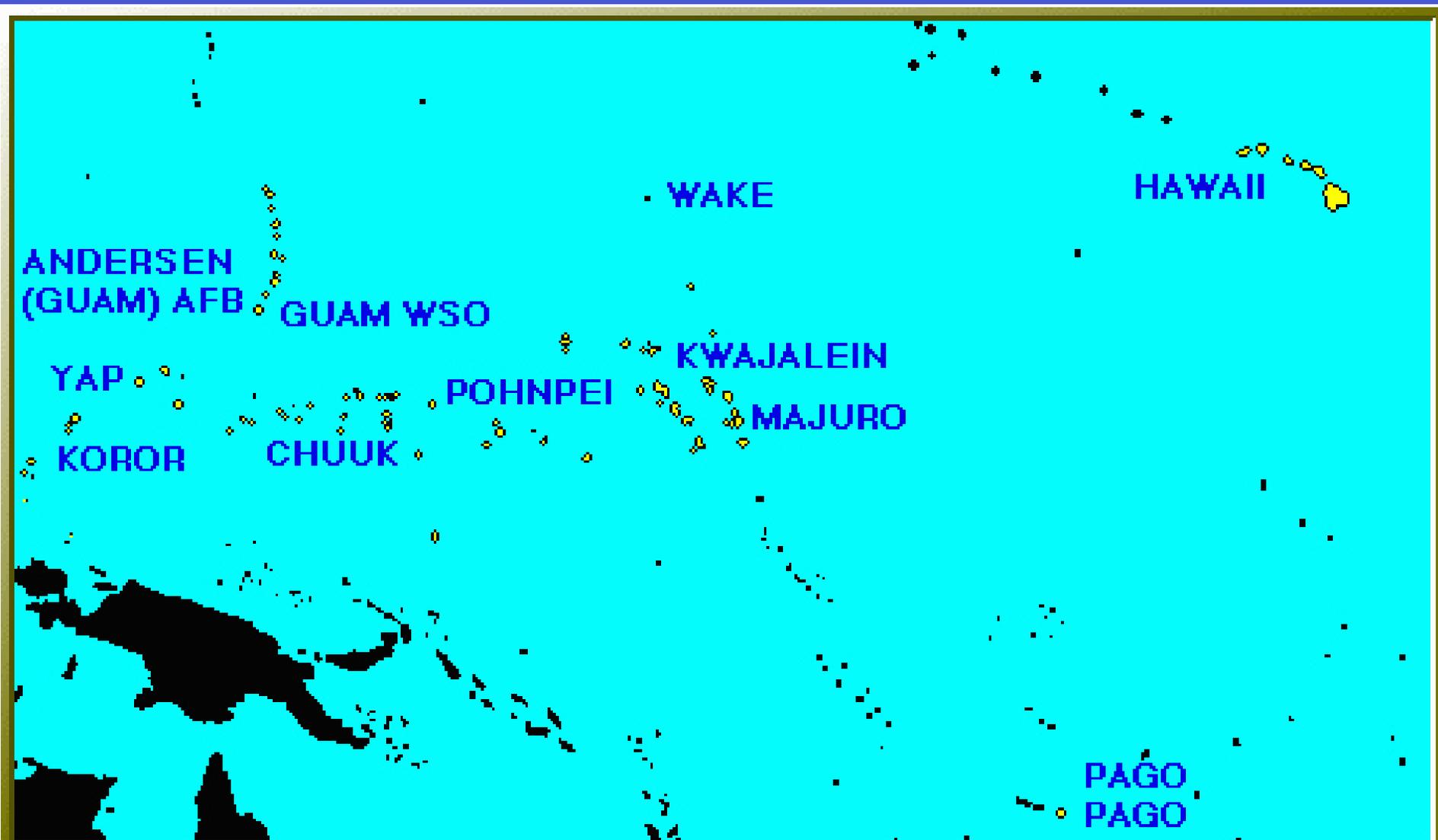
Pacific Aviation Directors Workshop  
March 24-29, 2007



# NWS Mission

- *The National Weather Service provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy.*

# NWS in the Pacific



# Weather Forecast Office Honolulu



Pacific Aviation Directors Workshop  
March 24-29, 2007

# Weather Forecast Office Guam



Pacific Aviation Directors Workshop  
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# Majuro Weather Service Office

- Groundbreaking ceremony done
- New site on airport
- Expected date of completion - May 07



# Palau Weather Service Office

- To relocate to Airport 2008. Site survey done.



# Chuuk Weather Service Office



- Modernization projected in 2010

# Pohnpei Weather Service Office



- Located in Kolonia
- To relocate to airport in 2010

# Yap Weather Service Office

- Relocated and dedicated in 2004.



# Hawaiian Islands



- Completion May 2006



- Relocated within Airport Oct 2005

# American Samoa Weather Service Office

- New building dedicated in 2004.
- Desire to upgrade to a Weather Forecast Office (WFO)



# COMMUNICATIONS

- AFTN/MET is current system in place for Micronesia and Samoa
- AISR expected to replace AFTN/MET
- AISR already set up at all airport and WSO locations
- Goal is to disconnect AFTN/MET

# NWS Contact Information

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**F420 Wind system**

**Not organizationally supportable**

**Fixed mounting requires two personnel**

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## BASE STATION

ID	45				
SP	6	WD	90	AT	28.0
GU	0	WC	1	DP	24.8
PK	11			RH	82.0

COASTAL ENVIRONMENTAL SYSTEMS

DATA



ON



OFF

**Radiosonde Surface Observing Instrumentation System (RSOIS)**

**Fielded and fully supported**

**Solid state, data sent by either fiber optic cable or RF – up to 2 miles**

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RSOIS equipment on 10 meter Rohn tower.

Installations will be on tilting towers – requiring only one technician.

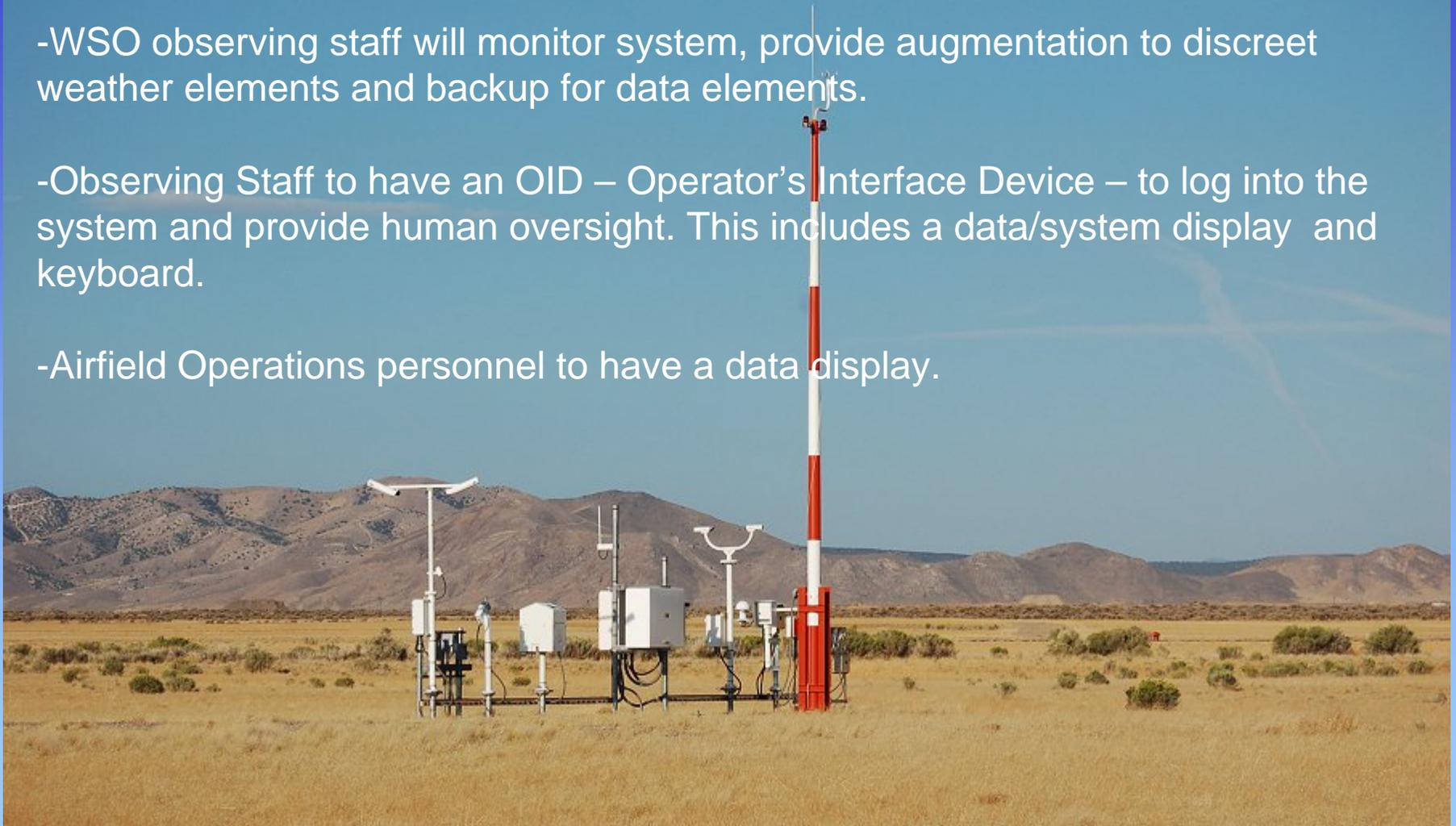
## The Future: OBSERVING:

-Fully automated surface observing system.

-WSO observing staff will monitor system, provide augmentation to discreet weather elements and backup for data elements.

-Observing Staff to have an OID – Operator's Interface Device – to log into the system and provide human oversight. This includes a data/system display and keyboard.

-Airfield Operations personnel to have a data display.





WSO's:

-All to be collocated at airports.

-Weather Observing functions now supplied by SAWRS certified staff to be taken over by airport WSO staff. (New Majuro WSO)

# Kom Kmal Mesulang QUESTIONS (???)

