

## 2 WEATHER GROUP



### MISSION

The 2 Weather Group (2 WXG) Provides Trans-regional, Multi-functional, Multi-domain capabilities to mitigate solar, atmospheric, and cyber threats across the range of military operations. Joint Forces, Combatant Commands, the intelligence community, defense agencies, and allied and coalition partners worldwide employ 2 WXG to converge multi-capable Airmen on information warfare operations.

2 WXG operates, sustains, maintains, and monitors the 557th Weather Wing's \$322M strategic high-performance computer, production network, and applications. This enables the Group to Hunt, Find, and Fight malicious threats within the Enterprise cyber terrain to deliver authoritative environmental data. 2 WXG is home to DoD's only space weather operations center and climate monitoring and prediction capability. Additionally, 2 WXG offers the Air Force's "software factory," providing DevSecOps flexibility at the speed of operations that is Cloud and edge ready. Another part of the Group's mission is to provide fielded weather systems experts for operational testing.

The Group Headquarters and most squadrons are located at Offutt AFB, Nebraska. The 2 WXG is comprised of six primary subordinate units: 2 Systems Operations Squadron, 16th Weather Squadron, 2 Weather Squadron, 2 Combat Weather Systems Squadron, 2 Weather Support Squadron and 14th Weather Squadron. 2 Combat Weather Systems Squadron is located at Hurlburt Field, Florida. 14th Weather Squadron is located in Asheville, North Carolina. In addition, there are four solar observatories that fall under 2 Weather Squadron at Learmonth, Australia; Sagamore Hill, Massachusetts; Holloman AFB, New Mexico; and Kaena Point, Hawaii.

## **LINEAGE**

2 Weather Group constituted, 29 Aug 1945  
Activated, 20 Sep 1945  
The group became a paper organization, 1 Jan 1946  
Inactivated, 1 Aug 1946  
Activated, 20 Apr 1952  
Inactivated, 7 Oct 1965  
Activated, 19 Sep 2007

## **STATIONS**

Hickam AAB, Territory of Hawaii  
Langley AFB, VA, 20 Apr 1952  
Offutt AFB, NE

## **ASSIGNMENTS**

43 Weather Wing, and attached to the Far East Air Forces, 20 Sep 1945  
Provisional Headquarters, Army Air Forces, Middle Pacific, 4 Oct 1945  
Army Air Forces Weather Service, 15 Oct 1945

### ***Air Force Weather Agency***

557 Weather Wing

## **COMMANDERS**

Col John J. Murphy, 20 Sep 1945  
Maj Wilbur B. Sherman, 8 Dec 1945  
Col Anthony T. Shtogren, 20 Apr 1952  
Lt Col George E. Rath, 20 Aug 1954  
Col Nicholas M. Chavasse, Jun 1960  
Col Robert F. Long, 29 Jun 1961  
Col Kenneth A. Linder, Mid 1963  
Col Richard Twigg

## **HONORS**

### **Service Streamers**

Asiatic-Pacific Theater

### **Campaign Streamers**

### **Armed Forces Expeditionary Streamers**

### **Decorations**

The Air Force Outstanding Unit Award  
Sept. 19, 2007-Dec. 31, 2008

## **EMBLEM**



2 Weather Group emblem: Dexter per chevron ployé and sinister per fess enhanced Light Blue and Gules, the partition thus formed charged with a stylized weather symbol Or, in chief the sky Proper with clouds and three mullets, palewise in sinister base an anemometer of the third issuant on and over a foot formed by a portion of a globe Argent detailed Azure; all within a diminished bordure of the third. Attached below the shield, a White scroll edged with a narrow Yellow border and inscribed "2 WEATHER GROUP" in Blue letters. **SIGNIFICANCE:** Ultramarine blue and Air Force yellow are the Air Force colors. Blue alludes to the sky, the primary theater of Air Force operations. Yellow refers to the sun and the excellence required of Air Force personnel. The light blue and red background is representative of the Air Force and Army units combining the mission of protecting pilots from inaccurate weather observations and forecasts. The thunderhead symbolizes all kinds of weather; the three stars represent the three squadrons comprising the Group. The anemometer signifies the ability of accuracy, the globe representing world-wide focus and protection. (Approved, 8 Aug 1961)

## MOTTO

## OPERATIONS

The Air Force on Sept. 19 activated the 2 Weather Group at Offutt AFB, NE, where it became part of the Air Force Weather Agency, joining the 1st WXG, activated last year. G.A. Volb reports that the new group, which completes the agency restructure, provides a direct leadership level for three squadrons-2 Systems Operations Squadron and 2 Weather Squadron at Offutt and 14th WXS (formerly the Combat Climatology Center) at Asheville, N.C. that were grouped under the agency's A-staff. Col. Richard Twigg, AFWA vice commander and commander of 2 WXG, said the activation of his new unit is "the conclusion of a plan to clearly distinguish ongoing operations from planning and support functions." 2007

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DEPARTMENT OF THE AIR FORCE ORGANIZATIONAL HISTORIES

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Sources

Air Force Historical Research Agency, U.S. Air Force, Maxwell AFB, Alabama.