

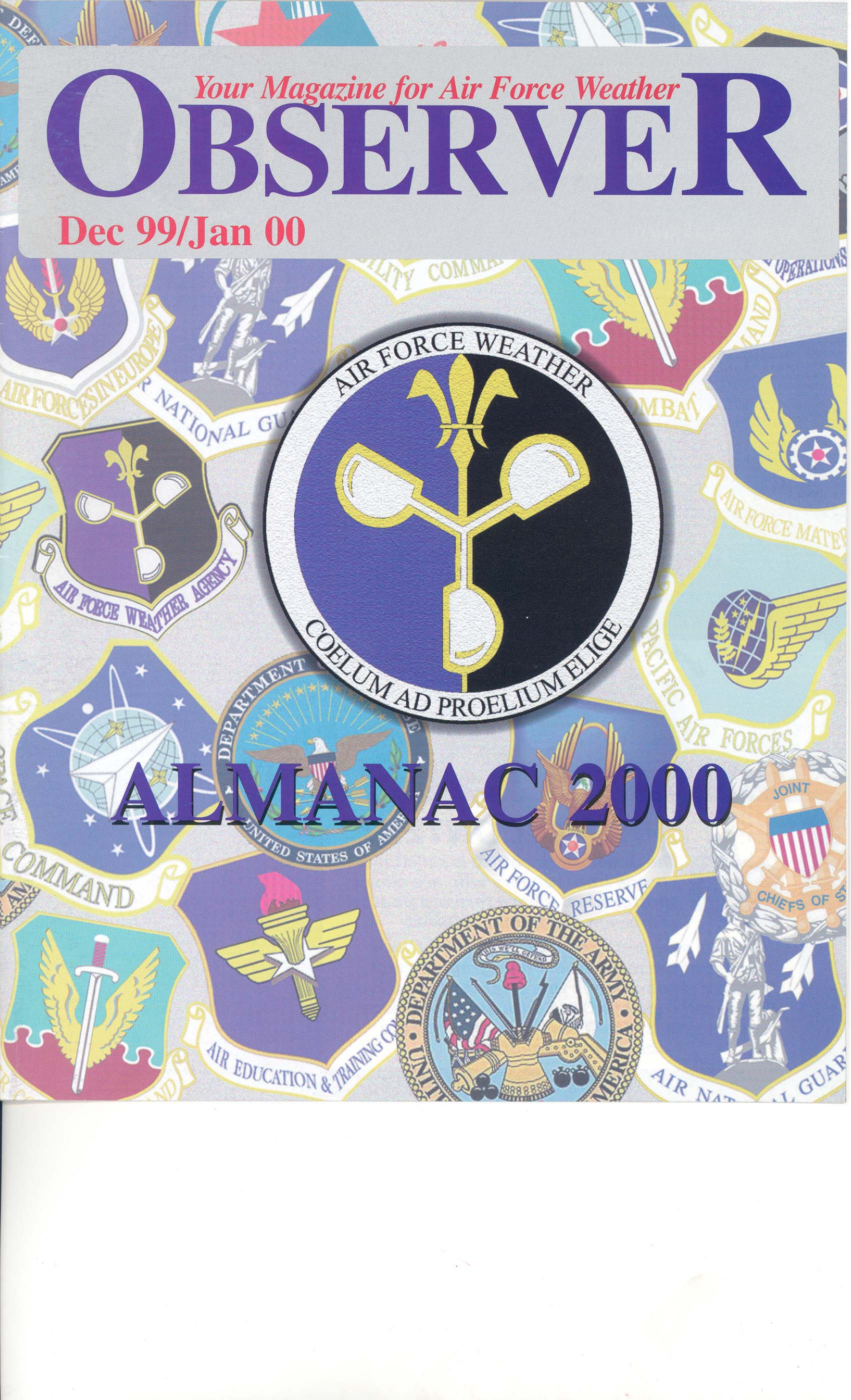
Your Magazine for Air Force Weather

OBSERVER

Dec 99/Jan 00



ALMANAC 2000



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PHOTO CONTEST

The public affairs office is soliciting photos from readers who are closet shutterbugs. Please forward photos of mission and human interest.

Photos selected will be used as front/back covers of the magazine. Photographers will receive recognition in this section of page 2. Please call DSN 271-3115 with questions/idea submissions. Email photos in .tif format to observer@afwa.af.mil



OBSERVER

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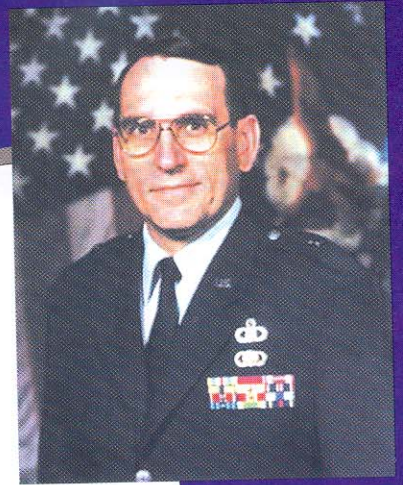
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As we move into the next millenium, this is an appropriate time to look back and assess how far we've come over the last several years in reengineering Air Force Weather. It's also a great time to look into the future to see the possibilities our reengineering efforts will provide as we build efficient, exciting, and rewarding operating and learning environments for our people.

Over the last year, we have been challenged with the inherent issues associated with reengineering and with the challenges resulting from untimely low manning levels and a major theater air war. Despite these challenges, you — each and every one of you — have come through with distinction. As we've said time and again, in many different forums, we are extremely proud of you for the way you have stepped up to these challenges and found and implemented solutions. Most importantly, we're proud of you for staying the course with us as a total force team.

Each of you in the active forces, guard, reserves, civilians, and contractors — and your always supportive families — should be extremely proud of your individual contributions to our outstanding total force weather team. The professionalism and competence you displayed, particularly during Operation Allied Force, validated once again that you are an integral part of operations in the greatest Aerospace Force in the World!

Best regards

Anthony R. Ramirez

**ANTHONY R. RAMIREZ
CMSgt. USAF**

Fred P. Lewis

**FRED P. LEWIS
Brig. Gen. USAF**

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NOTES

Airman First Class Catherine Joyce, assistant shift leader of a 10-person crew in the Air Force Weather Central, Andrews AFB, Md., confers with a co-worker, Staff Sgt. Keith Blean, a weather analyst. Between them is a 1000 millibar analysis of the northern hemisphere showing the location of high and low pressure systems and the frontal picture.



The study of weather within the military service dates back to 1814, when surgeons were directed to record the weather armed only with thermometers and wind vanes. The evolution of Air Force Weather from this modest beginning is a fascinating journey through technology.

The Air Force Weather Agency stood-up Oct. 15, 1997 when the Air Force Global Weather Center at Offutt AFB, Nebraska, and Air Weather Service at Scott AFB, Illinois, merged to form AFWA. The former Air Weather Service was established July 1, 1937, when the weather service was moved from the Signal Corps to the Air Corps.

This move was a natural one since at that time, most of the personnel requiring operational weather were the pilots.

Weather services have been of

vital importance during times of war and contingencies. World War I demonstrated the need for and potential of a military weather service.

World War II-era accomplishments included weather reconnaissance and preparation of the critical weather forecasts for the D-Day invasion and the first atomic bomb mission. Later, weather forecasters prepared ceiling and visibility forecasts for daily operations during the Berlin Airlift of 1948-49, which was tough to do with the low clouds, fog, freezing rain, turbulence, and ice.

Within the first 24 hours of the Korean War, weather personnel were there providing extensive support to United Nations air and ground forces. During Vietnam, our support to South Vietnam began with the 1961 deployment of a single

weather forecaster to Saigon to provide briefings for a RF-101 reconnaissance operation.

Gen. William C. Westmoreland believed no other U.S. military commander ever had the advantages of the outstanding weather support he had at his disposal.

In 1965, the Air Force launched its first Defense Meteorological Satellite, inaugurated a Solar Observing and Forecasting Network, and implemented a high speed Automated Weather Network linking two overseas weather centrals with the Air Force Global Weather Central at Offutt AFB. In 1975 and 1978, respectively, AWS started operating new solar optical and radio telescopes at its solar observatories.

The 1980s saw the utilization of the Automated Weather Distribution System, Next Generation Weather Radar, and Battlefield Weather Observation and Forecast System, as well as support for NASA's space shuttle operations.

The 1990s began with Weather once again in the forefront taking part in DESERT SHIELD/DESERT STORM. Now, as we move forward into the 21st century, we are seeing streamlining and more efficient use of personnel to assist us in our renewed commitment to "enhance our nation's combat capability by arming our forces with quality weather and space products, training, equipment, and communications—anytime, anywhere."

The men and women of Air Force Weather are proud to represent our rich heritage and welcome the opportunity to step up to the new challenges as we move into the next century.

MISSION

Directs doctrine, policy, requirements, and standards for weather support to the Air Force, Army, Designated Unified

Commands, and national programs. Evaluates weather support effectiveness; plans, programs and budgets for weather resources; manages \$500 million per year weather programs. Directs the Air Force Weather Agency, Field Operating Agency (FOA)



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Director: Col. Lawrence E. Key

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Enl. Ftnl. Mngr.: CMSgt. Daniel Michalewicz

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Director: Col. Alan R. Shaffer

DSN: 272-8283

Director, Air & Space Science

Director: Col.(S) Nate S. Feldman

DSN: 271-4068

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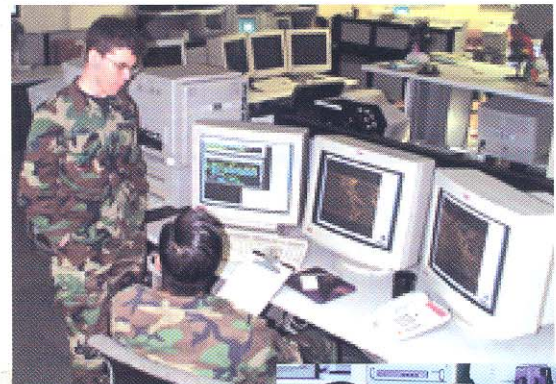
Director: Col. Linda M. Quintero

DSN: 271-7378

Operations Center: DSN 271-2586

Public Affairs: DSN 271-3115

History Office: DSN 272-8682



Subordinate Units

55th SWXS (AFWA)

OL-A, Boulder, Colo. (55 SWXS)

DET 1, Learmonth, AS, (55 SWXS)

DET 2, Sagamore Hill, Ma. (55 SWXS)

DET 3, Ramey, PR (55 SWXS)

DET 4, Holloman AFB, N.M. (55 SWXS)

DET 5, Palehua, Hawaii (55 SWXS)

Contract Site, San Vito, Italy (55 SWXS)

DET 7 (AFWA)

AFCCC (AFWA)

AFCWC (AFWA)

OL-A, Camp Blanding, Fla. (AFCWC)

OL-B, WSMSL Range, N.M. (AFCWC)

OL-A, Fort Mead, Md. (AFWA)

OL-B, Washington, D.C. (AFWA)

OL-H, Hanscom AFB, Ma. (AFWA)

OL-K, Norman, Okla. (AFWA)

OL-M, Asheville, N.C. (AFWA)

OL-S, Schriever AFB, Colo. (AFWA)

Mission

Enhance our nation's combat capability by arming our forces with quality weather and space products, training, equipment, and communications - anytime, anywhere.

Weather Personnel

Officers - 99

Civilians - 52

Enlisted - 238

Significant Events

Executing AFW Reengineering:

*Completed combination of Air Weather Service and Air Force Global Weather Center

*Acquired 55th Space Weather Squadron from AF Space Command

*Created Special Support Operations Branch-SOF "Hub"

*Restructured core processes; recovered 100+ positions

Support to Operations:

*Directly supporting Kosovo, Bosnia, Southwest Asia, and humanitarian relief operations

*Increased available forecast products from 20,000 to 180,000

*Massive comm/computer upgrade: Wire to fiber optic, legacy systems to client-server

Support to Field Units:

* Fielded new systems: VSAT, N-TFS, STT, IMETS

*Supported USAFE Combat MNS: 64th Mesh, RMWS

*Created "Meteograms" - pinpoint visualized forecasts



Air Combat Command/XOW

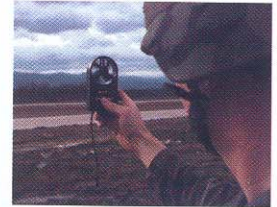
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Enl. Fntl. Mngr.:
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OWSs

- 25th OWS**, Davis-Monthan AFB, Ariz., DSN: 228-6144
Date activated: Apr. 1, 1999
- 26th OWS**, Barksdale AFB, La. DSN: 781-2099
Date activated: Oct. 1, 1999
- 28th OWS**, Shaw AFB, S.C., DSN: 965-0500
Date activated: Feb. 17, 1999

Weather Personnel

- Officers - 127
- Enlisted - 640
- Civilians - 3



Mission

Directs ACC weather operations. Develops policy, plans, and requirements for support to ACC NAFs and wings plus CONUS Army units. Manages resources to meet operational requirements of AF and Army components of USCENTCOM, USJFCOM, USSOUTHCOM and USSTRATCOM. Establishes standards and evaluates effectiveness of 72 active and gained weather units involving over 1,500 personnel.



Significant Events

Reengineering: ACC worked the establishment of three OWSs. These units will provide the means for more effective and streamlined weather support for both deployed and in-garrison operations.

Operations: 64 personnel deployed in support of Operation NOBIL ANVIL; in addition 55 ANG weather personnel were called to active duty under PSRC authority. ACC weather personnel were at the forefront for deployments in support of Hurricane Mitch Relief efforts in South America, and for Desert Fox. The new AEF concept was developed with AEF bins assigned and tasked out for the next 10 AEFs and the MIS updated to reflect the changes.

Manning: ACC aggressively sought to minimize the effects of low manning and high ops tempo through the effective use of Air Reserve Forces. In addition to PSRC call-up, ACC used 3,496 reserve mandays to support rotational taskings (17 percent of total takings) and augment base weather stations.

Capabilities/Development: ACC completed fielding of the STT in 1999 and began fielding of the NTFS to active duty units. NOWS is almost a completed project with Lt. Col. Lockhart (IMA) doing the field work for the project. The development of the new SAV program has proven to be a success within ACC, with 13 units visited this year.

Awards: ACC personnel captured five of the 16 AF-level awards. Outstanding AF Weather Company Grade Officer of the Year: Capt. Kimberly W. Kreis, 55th OSS/OSW, Offutt AFB NE. Outstanding AF Weather Senior NCO of the Year: Master Sgt. Alfredo Dominguez III, 509th OSS/OSW, Whiteman AFB MO. Outstanding Staff Support - Best Award, Civilian Category: Mr Stanley W. Tkach, HQ ACC/XOWR, Langley AFB VA. Outstanding AF Weather Observer - Dodson Award: Senior Airman Martha B. Exum, 3rd WS, Fort Hood AIN TX. Outstanding AF Weather IMA - Spengler Award: Maj. Ann S. Hollis, 25th OWS, Davis-Monthan AFB Ariz.



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Mission

Provides functional oversight of weather personnel throughout the command in support of national objectives, Air Force and AETC missions. Provides the AETC Commander and headquarters staff timely, accurate and relevant weather information.

Weather Personnel

Officer - 93

Enlisted - 230

Civilians - 8

Significant Events

AETC Weather personnel support more than 1600 aircraft with total flying assets of \$11.6 billion dollars. This command is a visual flight reference, daylight hours command, where sorties are nearly continuously flown from sunrise to sunset, up to 400 sorties per day, per base. Columbus, Laughlin, and Vance flew over 60,000 sorties in 1998; Sheppard flew more than 70,000 sorties alone. The bases mentioned above have more than 200 aircraft per base. No other command flies more sorties than AETC. Randolph is home to the largest Ops Group in the Air Force, containing eight flying squadrons.



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Mission

- * Provides functional leadership and oversight of all operational and scientific weather support contributing to readiness and sustainability within AFMC, and affordable combat support to the entire Air Force
- * Develops command-unique operational weather policy and guidance, validates environmental support requirements, and performs technical assistance and compliance oversight for all AFMC weather field units
- * Facilitates continuous product and process improvement by providing the technical foundation for aerospace environmental support, enabling AFMC to exploit or minimize environmental effects on the development and operational employment of all Air Force systems throughout their entire life cycle.



Weather Personnel

Officers - 45
Enlisted - 155
Civilians - 20



Significant Events

On October 20th, the Global Hawk completed a historic 24-hour long mission that included many firsts for this UAV Program. This was the 88th Weather Squadron's first operational evaluation of vital environmental sensitivities. Global Hawk is being devel-

oped by the Air Force as a long-endurance, high-altitude UAV intended for multiple battlefield applications. This high-profile mission was the first flight over water, first beyond the continental United States, and the first of the sorties commissioned by the US Joint

Forces Command. Many organizations were involved in making this mission successful, including the Edwards BWS, the 11th OWS in Alaska, AFWA, the 55th Space Weather Squadron, and HQ ACC/XOWX.

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Mission

The mission of the Air Force Reserve is to ensure that its units and individual members are prepared to accomplish their assigned tasks and duties in support of the Total Air Force and National Objectives

Weather Personnel

Total Military/Civilian - 43

Contractor employees - 15



53rd WRS

The Hurricane Hunters

With 1,440 hours flown in 1999, accomplishing 497 penetrations of named storms, Air Force Reserve personnel at Keesler AFB, Miss., have the sole responsibility in the Department of Defense for aerial weather reconnaissance, including hurricane reconnaissance. These men and women are assigned to the 53rd Weather Reconnaissance Squadron and are referred to as the "Hurricane Hunters." The Air Force uses 10 WC-130 aircraft to accomplish weather missions such as tropical cyclone missions, low-level investigative missions, buoy drops, winter storms and other scientific missions. Six people comprise the crew: Aircraft commander, co-pilot, flight engineer, navigator, weather officer, and a dropsonde system operator.



Significant Events

A-76 personnel study underway. Interim results include three stations being contracted; three more are still going through the review process.



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EMAIL: leyr@hurlburt.af.mil

Mission

America's specialized air power...a step ahead in a changing world, delivering special operations combat power anytime, anywhere. Our mission defines who we are, where we want to be and what we do. Special operations combat power can be Air Force special tactics, Army Rangers, Navy SEALs, or a 105mm round from a gunship, and that combat power can be placed anywhere in the world with split second timing.

Weather Personnel

Officers - 20
Enlisted - 111
Civilians - 1



Significant Events

Due to the classified nature of most of AFSOC's missions we are unable to print details of their yearly operations. However, AFSOC's 10th Combat Weather Squadron personnel did provide Upper Air Observation support for the Ecuadorian Volcano crisis during October-November 1999.



Air Force Space Command/DORW

150 Vandenberg St., Ste. 1105
Peterson AFB, Colo. 80914-4250

Director: Lt. Col. Steve Carr

DSN: 692-3143

CMCL: (719) 554-3143

FAX: DSN 692-9060

EMAIL: Stephen.Carr@peterson.af.mil

Enlisted Functional Manager (EFM):

Chief Master Sgt. Marty Mindnich

DSN: 692-3090

EMAIL: Marty.Mindnich@peterson.af.mil

Branch EMAIL: afspdorw@peterson.af.mil

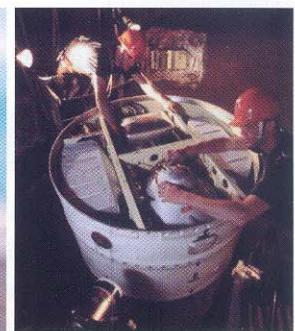
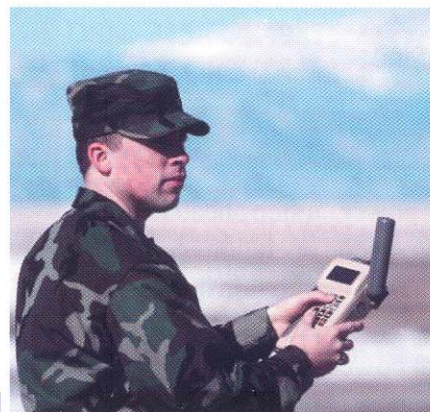


Mission

Integrate and exploit weather and the space environment in AFSPC operations.

Significant Events

- * AF lead for weather satellite operations
- * Command functional manager for weather
- * Organization, manpower, personnel, and training
- * Interface with HQ USAF, Air Force Weather Agency, and other MAJCOMs on Air Force Weather (AFW) issues
- * Augment AFSPC/IG
- * Implement weather and space environment operations policy, procedures, and readiness
- * Assist in technical evaluation of unit forecasting
- * Lead advocate for AFSPC weather systems
- * Primary user liaison for DMSP/NPOESS
- * Interagency liaison for weather programs



Weather Personnel

Officer - 39

Enlisted - 77

Civilian - 14



Air Mobility Command/DOW

402 Scott Dr., Unit 3A1
Scott AFB, Ill. 62225-5302
DSN: 576-4794 CMCL: (618) 256-4794
FAX DSN: 576-5801
EMAIL: (first).(last)@scott.af.mil
Director: Col. Philip G. Yavorsky
Enlisted Functional Manager (EFM):
Chief Master Sgt. Jeffrey Fluegge
DSN: 576-5867
DOWO: Lt. Col. Loraine M. Pope
DSN: 576-2922
DOWX: Maj. Thomas E. Lambert
DSN: 576-5082
Org EMAIL: amc-dow@scott.af.mil
24-Hour POC: 15th OWS/WXM
DSN: 576-4794/5/6 (ask for DOWX)

Mission

Develops weather support policy and standards for AMC. Advises command on weather impacts on AMC weapon systems, operations, and forces. Manages and monitors weather force readiness and deployment capability.

Weather Personnel

Officers - 40
Enlisted - 226
Civilians - 1

OWSs

15th OWS, Scott AFB, Ill., DSN: 576-9520
Date activated: Feb. 15, 1999

Significant Events

AMC Weather Workshop, Apr. 10-14, 2000. POC is Master Sgt John Fritz - DSN 576-5876

The 15th OWS is tasked to support all Army and Air Force regional weather support for the northeast CONUS.

*IOC: Mar. 24, 1999; By Aug. 1999, the squadron was providing remote aviation weather briefings and mission-focused graphic forecasts to 150 Air National Guard, Army Guard, and Air Force Reserve units, averaging 2,500 briefings per month. The 15th OWS provided command and control support for numerous high-interest missions, including Operation PHOENIX PENGUIN, the airdrop and evacuation support for the ailing scientist at McMurdo Antarctica.

Operations: AMC deployed 53 members to support Global Reach laydown for Operations PHOENIX THUN-

DER, a show of force towards Iraq; PHOENIX DUKE, Kosovo; Hurricane Mitch relief; and others. Weather support was instrumental in avoiding mishaps and averting \$10M of revenue loss during the C-5 air turbulence flight restriction.

Capabilities/Development: AMC completed fielding of 10 STTs and began fielding of the NTFS and T-VSAT. AMC is developing the concepts and investigating system requirements for central dispatch of all AF mobility assets under the effort known as Mobility 2000

- Responsible for Northeast United States along with global support for AMC (incorporates Tanker Airlift Control Center (TACC) weather support mission)

- Provides mission support to 10 active duty locations and 275 remote ANG, AFRC, and Army Guard locations

Air National Guard/DOW

3500 Fetchet Ave.

Andrews AFB, Md. 20762-5157

FAX: DSN 278-7088

CMCL: (301) 836-7088

Chief, Weather Section:

Mr. Ted Houghton

EMAIL: ted.houghton@ang.af.mil

DSN: 278-8285

CMCL: (301) 836-8285

NCOIC, Weather Operations:

Senior Master Sgt. Mike Cavanaugh

EMAIL: cavanaughm@ang.af.mil

DSN: 278-8278

CMCL: (301) 836-8278

QAE: Mr. Don Thompson

EMAIL: dthompson@cobkf.ang.af.mil

DSN: 877-9034

CMCL: (303) 677-9034

FAX DSN: 877-9625/6061

CMCL: (303) 677-9625/6061



Mission

ANG Weather has a dual function:

- * To provide a trained, experienced force of weather officers, forecasters, and observers to ACC, AFSOC, and PACAF when needed, for contingency and wartime requirements.
- * To provide full-time, day-to-day, weather observing and forecasting services at selected NGB airfields with an experienced staff of civilian and contractor personnel.

Weather Personnel

Officers - 102

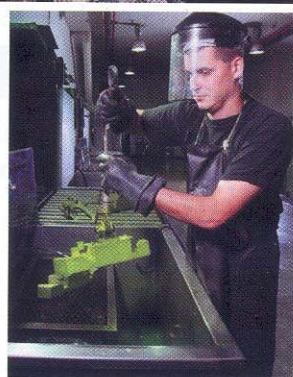
Enlisted - 522

Civilian - 27

Significant Events

The ANG has 33 wartime-tasked weather units, with a total of 614 authorized personnel. Assigned supported customers include all Army National Guard combat units (eight divisions, 15 enhanced brigades, one Armored Cavalry Regiment, and two special forces groups), two continental US armies, nine mobilization stations, and 75 ANG and five AFRC flying units. On the full-time side, weather operations are conducted by civil service personnel at six NGB locations, and by contractor personnel at five locations.





Pacific Air Forces/DOW

25E St., Ste. I232
Hickam AFB, Hawaii 96853
DSN: 315-449-6174
FAX: 315-448-8962
STU-III: 315-449-8498/8479
EMAIL: (first).(last)@cidss.af.mil
Director: Col. Robert Allen
DOWX: Lt. Col. Michael Hoofard
DOWO: Maj. Thomas Guinn
DSN: 315-448-1533
DOWV: Maj. Robert Falvey
DSN: 315-448-9282/2033
Enlisted Functional Manager:
Chief Master Sgt. David V. Jenkins
DSN: 315-448-4713

Mission

Responsible to the Director of Air and Space Operations, Pacific Air Forces, for providing or arranging weather support to staff and operational forces to enhance the combat effectiveness of PACAF, Army, Joint, and Combined operations. Provides functional oversight, manages resources and establishes standards, plans and coordinates support for joint and combined exercises and contingencies, and evaluates the effectiveness of 28 active and gained weather units. Monitors health and sustainment of fixed and tactical weather equipment and identifies new system requirements.

Weather Personnel

Officers - 74
Enlisted - 265
Civilians - 6

Significant Events

Pacific AOR Facts:

PACAF's area of responsibility covers one-half of the earth's surface and extends from the west coast of the United States to the east coast of Africa and from the Arctic to the Antarctic, more than 100 million square miles. The area is home to nearly 2 billion people who live in 44 countries.

OWSs

11th OWS, Elmendorf AFB, Ak., DSN: 317-552-4026

Date activated: June 1998

607th WS, Yongsan AIN, Korea, DSN: 315-725-3517

Date activated: July 1999

17th OWS, Hickam AFB, Hawaii

Activation scheduled: Oct 00 with IOC in Jan 01

20th OWS, Yokota AB, Japan

Activation scheduled: Oct 00 with IOC in Apr 01



U.S. Air Forces Europe/DOW

Unit 3050 Box 15

APO AE 09094-5015

DSN: 314-480-7001/7564/6209/6139

CMCL: (49) 6371-47-7001/7564/6209

FAX: DSN: 314-480-7049

FAX: CMCL (49) 6371-47-7049

EMAIL: (first).(last)@ramstein.af.mil

Director: Col. Paul H. Harris

DOWC: Maj. Carolyn Vadnais

DOWR: Maj. Jeff Linskens

DOWO: Maj. Les Roberts

Enlisted Functional Manager (EFM):

Chief Master Sergeant Charles Evans

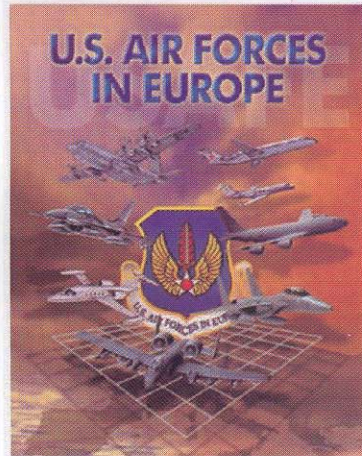
Unit EMAIL: username@ramstein.af.mil

Weather Personnel

Officers - 64

Enlisted - 255

Civilians - 2



Mission

Enhance the effectiveness of Air Force Weather-Europe-its people and services, as a force multiplier for combatant forces.

OWSs

USAFE OWS, Sembach AB, Germany

DSN: 314-496-6111

Date activated: June 1998

Significant Events

OPERATION ALLIED FORCE – Weather units across USAFE engaged fully in deploying personnel, standing up deployed operations, and supporting the air war. USAFE's Operational Weather Squadron (OWS) and combat weather teams (CWTs), deployed and in-garrison, supported Air Force and Army operating bases, task force HQs, USAFEUR and USAFE crises action teams, combined air and intelligence operations centers, V-Corps, and more. Weather and weather support proved critical to planning and conducting the air campaign.

OPERATION SHINING HOPE. USAFE OWS remotely handled flight weather briefings for all 513 C-17 sorties (in one month), carrying relief supplies to ease the refugee crisis as the Kosovars fled to Al-

bania. Support drew highly favorable reviews.

USAFE Operational Weather Squadron (OWS) – Expedited stand-up and attained full operational capability (FOC) of OWS (Aug 99). OWS assumed theater-wide weather responsibility, including weather warnings, watches, and forecasts, freeing local CWTs to focus fully on operations and customers.

Combat Mission Needs Statements (CMNS)— Obtained USAFE/CC support for, worked, and fulfilled two CMNS during air campaign: Improved cloud forecasts for air tasking order (ATO) planning and execution, and remote miniature weather stations (RMWS) to secure critical weather observations in weather-sensitive area of responsibility (AOR). The AF Weather Agency delivered capabilities

within 60 days, providing higher resolution (1 km) cloud forecast products and 17 RMWSs for employment across Albania, Kosovo, and Bosnia.

Deployed Footprint and Reachback – Significantly reduced need for forward-deployed weather forces with OWS FOC, increased use of reachback (to OWS), and fielding of automated and tactical weather sensors. Reductions realized by reengineered theater weather operations are helping mitigate long-standing high ops tempo and critical manpower shortage across AF and USAFE weather.

Theater Weather Radars – Fulfilling critical theater shortfall, completed preparations to install first of several new Tactical Weather Radars (TWR) at fixed sites across theater to provide resource protection.

OWS LISTING

Addresses located in alphabetical listing

11th OWS (PACAF)

5800 G St., Ste. 102
Elmendorf AFB, Alaska
99506-2130
DSN: 317-552-4026
Commander: Lt. Col. Dave Sautter

15th OWS (AMC)

102 W. Losey St., Rm. 207
Scott AFB, Ill. 62225-5206
DSN: 576-9520/9505
CMCL: (618) 256-9520/9505
Commander:
Lt. Col. Frederick C. Wirsing

17th OWS (PACAF)

Hickam AFB, Hawaii
Activation Scheduled:
October 2000
Initial Operational Capability:
January 2001

20th OWS (PACAF)

Yokota AB, Japan
Activation Scheduled:
October 2000
Initial Operational Capability:
April 2000

25th OWS (ACC)

3880 S. Phoenix St.
Davis-Monthan AFB, Ariz.
85707-4629

DSN: 228-6144/6171/4514/1033

Commander:

Lt. Col. Robert L. Hamilton, Jr.

26th OWS (ACC)

66 Kenney Ave., Ste. 108
Barksdale AFB, La. 71110-2249
DSN: 781-2099

Commander: Col. Joel Martin

28th OWS/CC (ACC)

905 Patrol Rd.
Shaw AFB, S.C. 29152-5037

DSN: 965-0500

CMCL: (803) 895-0500

Commander:

Lt. Col. Billy G. Davis

USAFE/OWS

Unit 6797

Sembach AB, Germany

APO AE 09136

DSN: 314-496-6111

Commander: Lt. Col. John Murphy

607th WS/CC (PACAF)

Unit 15173

APO AP 96205-0108

Yongsan AIN, Korea

DSN: 315-725-3517

Commander:

Lt. Col. Mike Davenport

A

ALEXANDRIA, Va.**DEFENSE THREAT REDUCTION AGENCY,
Va. (FOA)**

Alexandria, Va.
DSN: 221-5421
Assigned: Vacant as of Dec 99

ALTUS AFB, Okla.**97th OSS/DOW (AETC)**

603 E Avenue Buliding 185 Ste. 01
Altus AFB, Okla. 73523-5033
DSN 866-5896
CMCL: (405) 481-5896
DSN: FAX 866-7862
Flight Commander: Capt. Chris Donahoe
EMAIL: christopher.donahoe@altus.af.mil
Station Chief: Master Sgt. Lorne McClard
EMAIL: lorne.mcclard@altus.af.mil
Observer/Forecaster Phone DSN: 866-7522/6539

ANDERSON AFB, Guam**36th OSS/OSW (PACAF)**

Unit 14035
Andersen AFB, Guam
APO AP 96543-4035
Flight Commander: Capt. Steve Cocks
DSN: 315-366-3176
EMAIL: stephen.cocks@guam.andersen.af.mil
Station Chief: Master Sgt. Ralph Getzandanner
DSN: 315-366-1407
EMAIL: ralph.getzandanner@guam.andersen.af.mil
FAX: 315-366-3151
24 Hour Contact: 315-366-5230
URL: http://www.andersen.af.mil/36oss/36_oss_homepage.htm

ANDREWS AFB, Md.**89th OSS/OSW (AMC)**

1240 Menoher Dr.
Andrews AFB, Md. 20762-6511
DSN: 858-2629/4634
CMCL: (301) 981-2629/4634
FAX: DSN 858-9552/9573
FAX CMCL: (301) 981-9552/9573
24-Hour POC: DSN 858-5826/2840
Flight Commander: Capt. Shannon Klug
EMAIL: shannon.klug@andrews.af.mil

Station Chief: Master Sgt. Richard Butler
EMAIL: butlerr@andrews.af.mil

121st WF (Washington, D.C.) (ANG)

3212 E. Perimeter Rd.
Andrews AFB, Md. 20762
DSN: 857-6679
CMCL: (240) 857-6679
FAX: DSN 857-9464
POC: Master Sgt. Susan Murray
EMAIL: susan.murray@dcandr.ang.af.mil

ANNEVILLE, Pa.**203rd WF (Pennsylvania) (ANG)**

125 Pinegrove St.
Annville, Pa. 17003-5002
DSN: 491-8674
CMCL: (717) 861-8674
POC: Master Sgt. Michael Sema
EMAIL: michael.sema@paharr.ang.af.mil

ARLINGTON, Va.**AFOSR/NM (AFMC)**

801 N. Randolph St., Rm. 732
Arlington, Va. 22203-1977
DSN: 426-8411
CMCL: (703) 696-8411
FAX: 426-8450 CMCL: (703) 696-8450
Maj. Paul Bellaire
EMAIL: paul.bellaire@afosr.af.mil

HQ Department of the Army (DAMI-POB)

2511 Jefferson Davis Hwy Ste. 9300
Arlington, Va. 22202-3910
CMCL: (703) 601-2500
Lt. Col. Frank Estis

ASHEVILLE, N. C.**AIR FORCE COMBAT CLIMATOLOGY
CENTER, N. C. (AFWA)**

AFCCC (AFWA)
151 Patton Ave., Rm 120
Asheville, N. C. 28801-5002
DSN: 673-9004
CMCL: (828) 271-4291/4276
FAX DSN: 673-9024
Commander: Lt. Col. Virginia Dillon
EMAIL: virginia.dillon@afccc.af.mil