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AWS OBSERVER



VOL. 37 No. 6

HEADQUARTERS AIR WEATHER SERVICE

JUNE 1990

AF announces Automated Weather Distribution System contract

The Air Weather Service (AWS) took a giant step forward in the way it does business, as the result of the award of the new Automated Weather Distribution System (AWDS) contract, announced

Electronic Systems Division officials at Hanscom AFB, Mass. Representing the fruition of years of research and development, AWDS will enable AWS to better meet today's weather support responsibilities, as well as those of progressive military defense systems tomorrow.

Down - selection decision for the \$78 million AWDS production contract went to the Contel Federal Systems West Lake Operations of West Lake Village, Calif. Representing the fruition of years of research and development, AWDS will enable AWS to better meet today's weather support responsibilities, as well as those of progressive military defense systems tomorrow.

The Air Force's No. 1 weather acquisition program, AWDS will modernize AWS's weather and flight operations facilities from an era of manual operations to an era of computer-based, automated support.

AWDS will apply state-of-the-art computer, display, and com-

munications technologies to provide more efficient use of resources and more timely responses to operational needs. It will allow rapid access and manipulation of weather data to produce forecasts, warnings and briefings. Gridded forecast and analysis data will now be available for forecasters to tailor weather graphics to meet local mission needs. The forecast.

Continued on page 12.



TSgts. Richard Roper (left) and Robert Born use a dual-monitor graphic workstation known as the base weather functional area. Using the Automated Weather Distribution System workstation, forecasters will analyze tailored weather charts, prepare and issue forecast products and conduct meteorological discussions. (U.S. Air Force photo)

WINGS TAKE A BOW



AIR WEATHER
SERVICE

Observing and Forecasting the Skies
for Those Who Fly and Fight

3rd Weather Wing

Our mission ...

Provide or arrange for staff and operational meteorological and aerospace environmental support to the following: Strategic Air Command (SAC); Joint Strategic Target Planning Staff; Air Training Command; SAC Communications Division; and the Air University.

A Salute To 3rd Weather Wing

The Continental Weather Wing was an early predecessor of the 3rd Weather Wing (3WW). With three squadrons, 32 detachments and five operating locations across the country, 3WW is still a "continental" weather wing — but the definition actually falls short of describing the wing's overall global mission.

The primary mission of two of the wing's three squadrons, the 26th Weather Squadron (26WS) is to support Strategic Air Command's (SAC) numbered air forces, which are responsible for two legs of our nation's nuclear triad; the intercontinental ballistic missile and strategic bomber mission. The third, 24th Weather Squadron, serves Air Training Command (ATC) including its mission for pilot training.

3rd Weather Wing also supports the Air University and

the Wargaming Center at Maxwell AFB, Ala., as well as the Joint Strategic Target Planning Staff and SAC Communications Division at Offutt AFB, Neb.

Offutt serves as headquarters for SAC and 3WW. Col. George Frederick not only serves as 3WW commander, but also as the director of weather for CINCSAC. Having served as 3WW commander since July 1988, this month, he assumes the position of vice commander of AWS. Colonel Frederick will be succeeded by Col. John Oliver, commander of the 24th Weather Squadron (24WS), Randolph AFB, Texas.

Elsewhere in the wing, 9th Weather Squadron (9WS) supports 15th Air Force, March AFB, Calif., and is commanded by Lt. Col. Thomas Walters. Lt.

Continued on page 5.



SSgt. Jeffery Smeby and A1C Jimmy Odem (right) erect the 12-meter telescopic antenna mast, a component of the QRCT at 3WW's Det. 16, 9WS. (U.S. Air Force photo)

Command Line



Brig. Gen. John J. Kelly Jr.
AWS Commander

The summer season brings with it many changes--weather, different recreational activities, and more hours of daylight--to name but a few. But summer also brings with it personnel

Summer brings personnel changes

changes-- and it is about this fact that I want to share some thoughts with you.

By the time you read this article, I will have officiated at the retirement ceremonies of several officers and NCOs (e.g., Col. Zeigler and CMSgt. Williams) and written retirement letters to many others whose actual retirement I have not been able to attend. The careers of all these people represent an impressive number of years of dedicated, selfless service to our nation; they have earned our appreciation and respect.

Having completed at least 20 years of active military service, our retirees have upheld the trust given them and shown they were equal to the responsibilities assigned. Their integrity and professional dedication are respected qualities which make it easier for those of us who follow them.

From a personal standpoint, it has been a privilege and an honor for me to have known many of them and to have served with them; from a corporate standpoint, they made a difference and their many accomplishments contributed directly to the strength and viability of AWS.

The men and women of AWS extend to these dedicated professionals who have retired, or will in the near future, our sincere appreciation. Military service is a total family effort, and we also owe a debt of gratitude to the families who en-

abled the military members to make their lasting contributions to the nation. To all, our very best wishes for happiness, good health, and success in the future.

I know our retirees will understand when I remind you that the Air Force way means things go on. Personnel changes triggered by retirements are representative of a host of other personnel changes across the Air Force, caused by PCSs and separations.

To those leaving a unit, we wish you all the best--good luck and Godspeed. We thank each and everyone of you for the significant contributions you made, individually and collectively, to AWS "doing its thing," which translates to "observing and forecasting the skies for our Air Force and Army." To those joining a new unit, we welcome you and look forward to a rewarding professional relationship in your new job within the AWS family. We hope those who are leaving the Air Force will maintain an active interest in our service and in AWS.

Let's be sure we get our people who are new to a unit into the full swing of things as soon and as smoothly as possible. Being a part of the AWS family, within the framework of our Air Force way of life, has given us a terrific heritage. Let's keep it going and make it better. I know we can do that. Till next time.

Chief's corner

Promotion advantage through superior performance

In my April Column, we looked at the EPR/APR Time Weighting change to the enlisted promotion system that is applicable to everyone. We will now look at the change called PATS that is applicable to the chief and senior master sergeant promotion process.

By law, only three percent of the enlisted force can be in the grades of senior and chief master sergeant, and competition for the limited quotas is tough. PATS is designed to ensure performance counts in the promotion process and that superior performance is identified and evident to the evaluation board. Under the PATS concept, each senior rater will be able to identify their superior performers directly to the board. The PATS designation will apply to the current cycle only and will provide an additional discriminator in the evaluation process.

Each promotion cycle, the senior rater will be provided a promotion brief on each of their eligibles assigned as of the cycle's promotion eligibility cutoff date. Each senior rater can identify a set number of their eligibles for a PATS designation, based on the following scale:

Number Eligibles	Number PATS
1	Aggregate to next level
2-20	1
21-40	2
41-60	3
etc.	etc.

Once identified as a PATS recipient, the senior NCO's promotion brief provided to the evaluation board will display the PATS designation to include the senior rater's group size of promotion eligibles. The group size and the PATS designation will allow even further differentiation in the evaluation process. After the promotion selection process is complete, each individual's selection/nonselection score notice will display PATS status, "Yes" for recipients, and "Considered" for all others.

Senior raters may advise their PATS recipient(s) of their selection for the superior performance designation at the time of selection. Once awarded, the PATS may not be revoked except for cause (e.g. Article 15, or misconduct).

Under this program, a PATS recipient is not guaranteed promotion selection. While a PATS should weigh heavily with the evaluation board, other factors reviewed by the board under the whole person concept, plus the weighted factors (test score), may still preclude a PATS recipient from being selected. There is no established relationship between PATS and career fields; therefore, there may be several or no individuals in an AFSC that receive a PATS during a given cycle.

This program begins with the upcoming CMSgt promotion cycle (91S9) evaluation board. Good luck to all concerned.



CMSgt John L. Williams
Senior Enlisted Advisor

Brig. Gen. John J. Kelly Jr.
AWS Commander
AWS Editorial Staff
MSgt. David L. Black
Editor

The AWS Observer is published monthly for personnel of the world-wide Air Weather Service of the Military Airlift Command. This funded Air Force newspaper is an authorized publication for members of the U. S. military services, both CONUS and overseas. Contents of the AWS Observer are not necessarily the official views of, or endorsed by, the U. S.

Government, the Department of the Air Force. The editorial content is edited, prepared and provided by the Public Affairs Office of Air Weather Service. All photos are U. S. Air Force unless otherwise marked. Editorial phone numbers are: 618-256-2065 or Autovon 576 2065. The mailing address: HQ AWS/PA, Scott AFB, IL 62225-5008.

President nominates chief of staff

President Bush has nominated Gen. Michael J. Dugan to succeed Gen. Larry D. Welch as Chief of Staff of the Air Force.

The announcement was recently made by Secretary of Defense Dick Cheney. General Welch is scheduled to retire at the end of his term, June 30.

General Dugan is Commander in Chief, U.S. Air Forces in Europe, and Commander, Allied Air Forces Central Europe, headquartered at Ramstein AB, West Germany.

From Albany, N.Y., General Dugan graduated from West Point in 1958, and basic pilot training at Laredo

AFB, Texas, in 1959.

The general has been USAFE's Commander in Chief since April 1989. Prior to that, he was Deputy Chief of Staff for Plans and Operations, Headquarters Air Force, Washington, D.C.

A command pilot with 4,500 flying hours and 300 combat missions, General Dugan's decorations include the Distinguished Service Medal, Silver Star, Legion of Merit with two oak leaf clusters, Distinguished Flying Cross, Purple Heart, Air Medal, Air Commendation Medal with two oak leaf clusters, and Republic of Vietnam Gallantry Cross with Palm.

General Dugan and his wife, Grace, have six children: Collen, Erin, Mike, Sean, Kathleen, and Kevin.



Gen. Michael J. Dugan

General Loh to become vice chief



Lt. Gen. John M. Loh

President Bush has nominated Lt. Gen. John M. Loh for promotion to general and assignment as the Air Force Vice Chief of Staff.

General Loh, commander of Air Force Systems Command's Aeronautical Systems Division, will replace Gen. Monroe W. Hatch Jr., who retires June 1.

General Loh is a 1960

graduate of the U.S. Air Force Academy and has logged more than 3,500 hours in numerous fighter aircraft. He was assigned to his present duties at Wright-Patterson AFB, Ohio, in July 1988.

General Hatch has served as vice chief of staff since February 1987. He is a 1955 graduate of the U.S. Naval Academy.

AF selects 70 AWS techs for master

The Air Force selected 7,011 technical sergeants for promotion to master sergeant during the 91A7 cycle. Of 307 Air Weather Service (AWS) technical sergeants in the (251XX) career field, sixty were selected for a selection rate of 19.54 percent.

Counting all Air Force Speciality Codes assigned to AWS, the command had 341 eligibles with 69 selected for a selection rate of 20.23 percent. One AWS member assigned to Chanute AFB, Ill., was also promoted to master, but was counted as an Air Training Command asset.

Average score for selectees Air Force-wide for this promotion cycle was 331.10 points based on a time in grade of 34.03 (4.51 years); time in service, 32.47 (15.19 years); Airman Performance Reports, 134.53, decorations 6.68; promotion fitness examination, 66.01, speciality knowledge test, 70.62. Average age of selectees for master was 35.10 years.

Those selected for master (all AFSCs) were:

ADKINS, Ross L.
ALEXANDER, Lawrence
ALONZO, Edilberto H.

BEATY, Paul R.
BESS, Jerry M.
BRADSHAW, Wayne J.
BROWN, Anthony J.
BUCHANAN, James W.
CABEEN, Thomas E.
CAMPBELL, Mark J.
CAREY, Donald E.
CARTER, Samuel
CHAVARRIA, Benito R.
CLARK, Fabrice F.
CLAYCOMB, Gerald C.
DENNY, William C.
DYER, Larry D.
ELLISON, Richard L.
FLUEGGE, Jeffrey A.
FRANK, Derek F.
GALLAGHER, James H.
GEORGE, John E.
HAMPSHIRE, John W.
HOFF, Terence T.
HOOKS, Willie B. Jr.
HOSEIN, Faisal
JONILAS, Anthony J.
KACZAMAREK, Marty J.
KINARD, Harry N. Jr.
KNOCKE, Harold D.
LARSON, Lauren L.
LONG, Jimmy W.
MCDONALD, John L. Jr.
MERCIER, Pierre A.
MONROE, Robert E.
MOYER, Bruce A.
MRAZ, Ronald L.

MURPHY, Rickey J.
MYLES, Gregory
NORMAN, Arlyn L.
NORTHINGTON, Anthony
O'CONNELL, Nancy J.
PORRA, Albert
POST, Robin G.
PRZYBYSZ, Michael J.
PURVIS, David E.
RAVASIO, Randall D.
RELLO, Joseph H.
REYNOLDS, Raymond R.
RICHEY, Chester
RIDER, Judith M.
ROTH, Dale S. Jr.
SAMUEL, Jeremy L.
SANDBOTHE, Albert J.
SANDERS, Jerry L.
SANDERS, William J.
SCHNEIDER, Ronnie F.
SHIFFLETT, Dana M.
SHOOK, Gregory J.
SIMON, Frank J.
SMITH, Larry L.
SOLBERG, Raymond T.
SPEARS, Reginald Jr.
STECK, Kevin J.
STRONG, Jeffrey C.
TEGNELL, Kenneth L.
WEBER, Scott D.
WILBURN, Fred A.
WILBURN, Joseph L.
YOUNGREN, Gary C.

AWS Update

GOOD BRIEF! YOU'RE PROMOTED!

Basically that's the way it went recently for former staff sergeant, now TSgt. James J. Rouiller during his recent surprise STEP promotion. The noncommissioned officer was tasked to present the commander's morning weather briefing at AFGWC's Friday staff meeting. Unnoticed by Sergeant Rouiller, his associates had filled the room to capacity. After his brief, the AFGWC Commander, Col. Adrian A. Ritchie Jr., announced the STEP. The surprised sergeant received his new stripe on the spot from his wife, Susan, and Colonel Ritchie.



TSgt. James J. Rouiller



Lt. Col. Richard L. Skillings

JUST PERFECT --- Lt. Col. Richard L. Skillings

Skilling, chief of the 5th Weather Wing Current Operations and Readiness Branch at Langley AFB, Va., recently experienced

what most bowlers only dream about-- a perfect 300 game. On the 14th of February during intramural league play, Colonel Skillings (176 average) withstood the pressure as everyone in the bowling alley gathered around to cheer him on in the final few frames. His game was the third perfect game in the 30 year history of the Langley bowling lanes and the first in over a decade. The colonel said, "It came on the third game, so the late shift was there, too. Our opponents were very supportive-- everyone there was great!" Colonel Skillings donated the gratuities awarded by MWR for the feat to Junior Bowling.

Weather fever! -- Sgt. Ernest T. Jillson

Jr. has wanted to be a weatherman since a hurricane threatened his southeast Massachusetts home in 1978. He began to pursue his career desire at Lyndon State College, Vermont, graduating with a bachelor of science degree in meteorology in December 1985. He joined the Air Force and by August 1987, he had successfully completed the weather specialist course at Chanute. The sergeant was assigned to Homestead AFB, Fla., and was certified as an observer in September. He has gained further experience by working part-time as a weather observer at the National Weather Service and was recently recognized during a technical consultant visit as knowledgeable in computer models. The NCO was also recognized by the 31st Tactical Fighter Wing, when he was selected for senior airman below-the-zone early last year. By October, Sergeant Jillson had successfully completed NCO Preparatory School. He has since been granted a waiver by Headquarters Military Airlift Command to bypass forecaster school and he's now in training to become a forecaster for Det. 6, 3rd Weather Squadron at Homestead.



Sgt. Ernest T. Jillson (right)



SSgt. Richard Spears

THAT'S INCREDIBLE!

SSgt. Richard Spears, 24, exemplified the definition of excellence recently when he graduated with a 100 percent average at the Air Weather Service six-month forecaster course.

"This is the first time since I've been instructing that anyone has achieved a 100 percent average," said MSgt. Dennis Svitak, a forecasting course instructor who's been teaching since 1985.

The Brookville, Fla., native has been in the Air Force for six years assigned to bases such as Sheppard AFB, Texas; Florennes Airport, Belgium; Dyess AFB, Texas, and England AFB, La.

"I knew Rich would do well in the forecaster course. He was an observer course honor graduate and an outstanding observer at England AFB, said the Chief of the Weather Training Division, Maj. William C. Tallman, who also happened to be Sergeant Spears' former commander at England. "He will be an outstanding forecaster too," the major said.

Sergeant Spears, his wife, Deborah, and son, Kendrick, are bound for Texas to Dyess AFB, where the NCO has been assigned as a weather forecaster.

Survivor benefit premiums change

The Department of Defense has authorized a new formula for computing Survivor Benefit Plan Costs. The Formula went is now in effect.

Through the SBP, retired members can make sure their families will continue to receive a portion of their monthly retired pay in the event of the retired member's death. This coverage continues for the life of the spouse and increases each year to help offset inflation.

Premium costs computed under the previous two-tier system formula ranged from 2.5 percent of the covered amount to 9.5 percent.

The new formula lowers most people's monthly SBP premiums to a flat 6.5 percent of covered retired pay. This premium is automatically deducted from the participant's retired pay.

There is also a save-pay clause in the new system. It ensures no one who became a member of the armed forces before March 1, 1990, will have their premium rates raised. The Air Force Accounting and Finance Center in Denver has recomputed premiums for retired members and adjusted costs if the 6.5 percent formula is more favorable.

The new formula doesn't affect the amount paid to survivors. Retired people pay less, but the survivor receives the same level of protection.

Contact your local Consolidated Base Personnel Office for more information on the SBP.

Air Training Command nominates weather unit for Verne Orr honor

Air Training Command (ATC) nominated the 3350th Technical Training Group, Weather Training Division, Chanute AFB, Ill., for the Air Force Verne Orr Award.

Presented annually, the prestigious Air Force-level award is presented to the unit demonstrating the most effective use of human resources. Results of the Air Force-wide competition should be announced any day now.

"This award is a tribute to the dedication and professionalism of our people," said Maj. William C. Tallman, chief of the Weather Training Division. "The folks here are the hardest working bunch of people I've ever worked with. It was a real team effort."

The division began the year at 98 percent authorized manning. During the year, manning had dropped to 83 percent by the time the ATC Inspector General (IG) team observed the division's training mission.

Despite the limitation, the IG gave kudos to the division's operation citing it for a job well done.

To enhance the use of its

resources, the Weather Training Division qualified instructors in several blocks to increase instructor schedule flexibility. As a result, more people were available

"This award is a tribute to the dedication and professionalism of our people."

Maj. William C. Tallman
Chief, Weather Training Division

for special projects.

In addition, the student elimination rate fell to a record

low of 5.8 percent while student understanding of course objectives and material improved.

Teaching basic weather observing and forecasting to Air Force, Navy, Marine and Coast Guard students is just part of the mission for the Weather Training Division.

Technological advancements have also been taking place in Air Weather Service which will help observers and forecasters of tomorrow. Instructors must also be able to teach the latest in meteorological technology such as the Next Generation Weather Radar (NEXRAD) and the

Automated Weather Distribution System (AWDS).

Although manning within the AWDS section was below 50 percent, the AWDS curriculum development progressed well. The course development is now ahead of schedule.

NEXRAD course preparations continued with hands on training at the NEXRAD Operational Support Facility at Norman, Okla. Work was also begun on course materials for mobile training to be given at over 179 locations in the next several years.

AWS realignment improves efficiency, saves dollars

By MSgt. Dave Black
AWS Public Affairs

To better support overseas Automated Digital Weather Switch (ADWS) and the implementation and operation of the Automated Weather Distribution System (AWDS), Air Weather Service officially realigned several of its units June 1, 1990.

Under the new alignment, three Data Acquisition Units (DAU) will transfer to the Air Force Global Weather Central, Offutt AFB, Neb. The DAUs are Det. 11, 1WW, Hickam AFB, Hawaii; Det. 40, 2WW, RAF Croughton, United Kingdom; and Det. 7, AFGWC, Carswell AFB,

Texas.

According to program's project officer, Maj. Edward Woodward, "The move will optimize the acquisition and distribution of environmental data through the Automated Weather Network (AWN), while saving Air Force dollars through the reduction of manpower costs."

"In addition, it will streamline management of the AWN and accommodate the standardization of software at each DAU, while improving configuration management."

"This realignment, for the first time, centers the office of primary responsibility for all AWN functions under one

wing," he said.

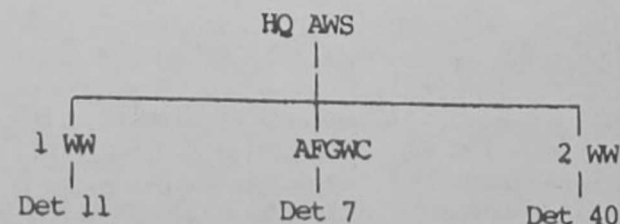
Other benefits from the realignment include the simplification of problem reporting and solving. It will stan-

dardize operational procedures Air Force-wide, while focalizing the management of the Global Weather Intercept Program (GWIP).

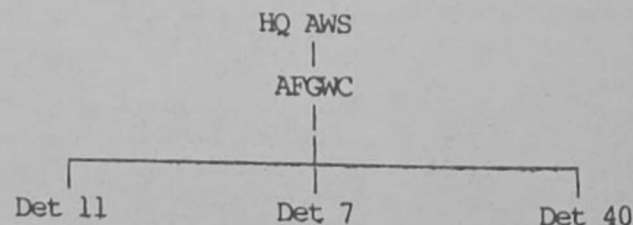
Major Woodward stated that service will continue uninterrupted during the transfer and customers will not be effected in any way.

Realignment

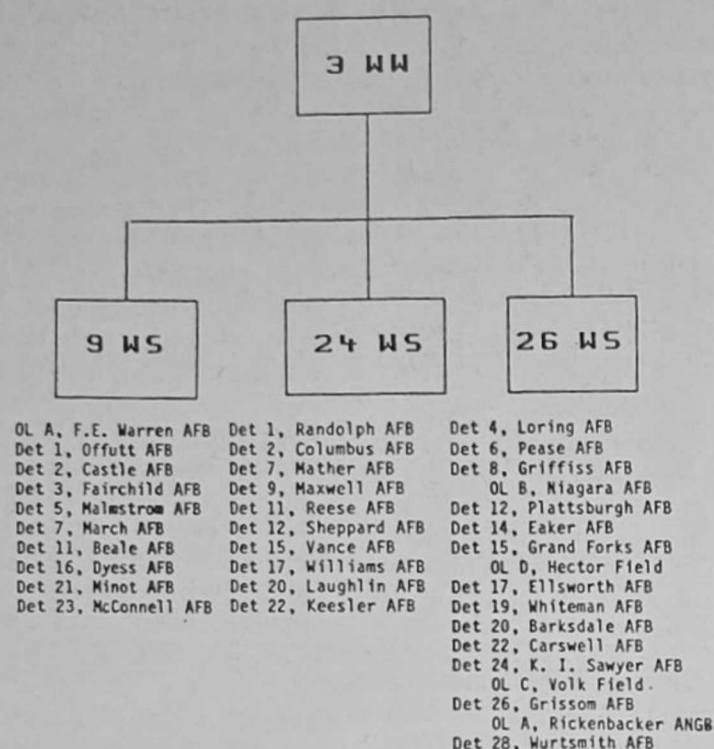
Before



After



3WW Organizational Chart



HISTORY

The 3rd Weather Wing pedigree begins at Tulsa AFB, Okla., with the formation of the Continental Weather Wing in 1945. Three years later, the wing was absorbed by another Tinker Unit, the 59th Weather Wing. Eventually it became the 2059th Air Weather Wing and formed a nucleus later to become 3rd Weather Wing.

Another branch of the family tree was the 1st Weather Group, which served in the Pacific from 1945 until its deactivation at Tokyo, Japan, in 1948.

Later at Offutt AFB, Neb., the 2101st Air Weather Group came into existence with the 9th and 26th Weather Squadrons and a detachment from the 2059th known as Global Weather Central. After a short one year lifespan, the 2101st was replaced by a newly reactivated 1st Weather Group. The 1st, which would later be reactivated and serve proudly during the Vietnam conflict, was replaced at Offutt by the 3rd Weather Wing on Oct. 8, 1956.

Global Weather Central remained a part of 3rd Weather Wing until it was re-assigned to the 6th Weather Wing in 1969. Similarly, 17 years of 3rd Weather Wing service in Alaska ended last fall with the transfer of 11th Weather Squadron to Weather Wing.

Each of the three squadrons currently assigned to 3rd Weather Wing have been associated with the wing at various points in their own histories dating as far back as 1948.

HQ 3rd Weather Wing

Continued from page 1.

Col. Julius Jackson commands 26th Weather Squadron, Barksdale, AFB, La., supporting headquarters for 8th Air Force.

Headquarters 3WW recently realigned to better interact with HQ AWS and its subordinate units. Thirty-three officers and 22 enlisted people now work in four divisions: Operations, Staff Support, Aerospace Sciences and Information management.

Col. Falko Fye, Operations Division chief, keeps the commander advised of operations, plans, technical health, logistics and a host of other activities at 3WW.

The Current Operations and Training Branch under Lt. Col. Thomas Beaver, manages such programs as acquisition, equipment, supplies, training, and base weather station operations. Members of this branch helped bring on-line the first High Frequency Regional Broadcast System (HFRB) at Elkhorn, Neb., last year.

The antenna system, monitored by Maj. David Griffiths' Readiness Branch, was the first HFRB site in the worldwide broadcast system for teletype and facsimile data. That data is received as far away as St. Croix, Virgin Islands, where it was used during Hurricane Hugo clean up operations and Panama where weathermen used the data in support of Operation JUST CAUSE.

The Staff Support Division, under Col. Robert Dumont, handles three segments of the SAC command and control: the SAC Underground Control Center, Strategic Reconnaissance Center and "Looking Glass,"

the Airborne Command Post. Colonel Dumont also serves as liaison between 3WW and SAC.

The Airborne Staff Weather Officers (SWOs), including the wing commander, fly aboard the Looking Glass EC-135 aircraft. During battle staff training scenarios, the SWOs support the battle staff and the SAC general on board in a multitude of tasks including plotting radioactive fallout patterns and aiding in planning the recovery of aircraft returning from EWO missions.

Of eight fliers assigned to the Airborne Command Post Branch, only the Branch Chief, Capt. Alan Haberecht and his assistant, Capt. Russell Arnold are assigned full-time branch duties.

Underground at SAC headquarters, Lt. Col. Douglas Jones serves as chief of the SAC Weather Support Branch and monitors the day to day operational meteorological support throughout SAC. Aiding in the task are two section chiefs.

Capt. William Tasso oversees the Special Mission Support Section in the Strategic Reconnaissance Center at HQ SAC. The four officers assigned here serve SAC's Director of Reconnaissance and interface on a daily basis with forecasters at the Air Force Global Weather Central (AFGWC), Neb., to provide forecasts for U-2/TR-1 and RC-135 missions operating worldwide.

Capt. David Freeman heads the Weather Support Unit (WSU) where a new state-of-the-art computer workstation allows forecasters and observers to transmit images and data directly into the command center for CINCSAC briefings or other activities.

On the scientific side of the house, the "46s" of Lt. Col. Clifford Matsumoto's Aerospace Sciences Division act as environmental consultants to HQ SAC, identifying weather sen-

sitivities of current and proposed systems. They also identify technical shortfalls and research and development needs.

The Information Manage-

ment (IM) Division head, SMSgt. Kenneth Couey functions in a dual capacity: as an enlisted executive and as first sergeant for the wing headquarters.



Lt. Col. Thomas Beaver, 3rd Weather Wing/DOO, augments the SAC Inspector General, while he evaluates observer A1C Thomas Kennard, recording an observation at Det. 3, 9th Weather Squadron.



MSgt. Talley (left) NCOIC of Radio Maintenance at the Elkhorn, Neb., High Frequency Regional Broadcast Site (HFRB), explains operation of the transmitter to MSgt. Jeff Fries and Capt. Brett Scholten of the 3WW Readiness Branch, as MSgt. Jardee, maintenance supervisor looks on.



Fliers of the Airborne Branch discuss business at the monthly working breakfast. Clockwise in photo are: Col. Robert Dumont, Capt. Russell Arnold, Capt. David Freeman, Lt. Kevin Larala, Capt. James Callen, and 3WW/CC, Col. George Frederick.



Members of the 3WW Weather Support Division take time out for a photo in front of the WSU map display located adjacent to the Underground Command Center. From left to right are: Capt. Vicki Michetti, Maj. Beamon Bryson (ret.), 1st Lt. Brent Helmick, Capt. James Callen, SrA Joseph Sweet, 2nd Lt. Rodney Clements, Lt. Col. Douglas Jones, Capt. Alan Haberecht, 2nd Lt. Susan Brown and Sgt. Patti Fries. (U.S. Air Force photos)

AIR WEATHER SERVICE : SIMPLY THE BEST! :

THE PROUD & MIGHTY NINTH

Activated in 1942 at Morrison Field, Fla., 9th Weather Squadron (9WS), was realigned in 1951 to support SAC's vigilant worldwide mission. Its nine dets. and one operating location span the entire Western United States from the Great Plains to the Pacific coast.

Across that vast expanse, 9WS units are challenged by every imaginable type of weather. Long winters bring cold arctic outbreaks, accompanied by heavy snow, winds and freezing rain, to the northern dets. Then with spring, severe thunderstorms carrying damaging winds, hail and tornadoes rumble across radar scopes throughout the Great Plains. Those severe storms are less common in California but, the region is cursed by other problems.

intense summertime heat and drought, followed by persistent fog and low stratus in the winter months. The weather forecasters and observers all across 9WS are accustomed to intense daily challenges.

Squadron headquarters, located at Riverside, Calif., provides staff and operational support to a variety of diverse missions. In service to the 15th Air Force (15AF), its primary customer, the squadron supports the bulk of the conventional and Single Integrated Operations Plan (SIOP) SAC resources located between the Mississippi River and the Islands of Japan. Support is tailored to Minuteman and Peacekeeper missiles; B-1B and B-52 bombers; KC-10 and KC-135 tankers; EC-135 command and control

aircraft; and U-2, TR-1 and RC-135 reconnaissance platforms.

Last year, a number of 15AF exercises put 9WS wartime readiness to the

Back on the mainland, NORAD depends on 9WS for weather support to the Southwest Air Defense Sector. U.S. Customs anti-drug patrols in the same area are supported by the squadron as well.

test. GIANT WARRIOR, the largest 15AF peacetime deployment since World War II, sent 9WS forecast-

ers to Alaska and Guam. The theater forecast unit they set up at Anderson AFB, Guam, provided forecasting support for over 400 SAC missions in remote regions from the Aleutian Islands to the Indian Ocean.

Back on the mainland, NORAD depends on 9WS for weather support to the Southwest Air Defense Sector. U.S. Customs anti-drug patrols in the same area are supported by the squadron as well.

The 15AF Weather Support Unit, originally composed entirely of officer forecasters, is transitioning to enlisted forecaster positions. The mission will not change however, nor will the service. The WSU will continue providing the same excellent support to

joint exercises, special operations, low-level route met watches and support to the 15AF commander.

The 9WS has met many challenges during the past year. Wartime readiness has increased, due in part to the acquisition of KL-43D secure communication devices and portable facsimile machines at all units. The staff initiated actions to improve the technical quality of forecasters, reduce the impact of observing limitations, and develop detailed product consistency checklists to assist forecasters when preparing TAFs, warnings, advisories, and flight briefings. Other challenges on the horizon, such as AWDS and NEXRAD acquisition, will be met with much enthusiasm at 9th Weather Squadron.



A1C Jane Stewart, Det. 3, 9th Weather Squadron observer at Fairchild AFB, Wash., hones her tactical observing skills with a hand held anemometer.



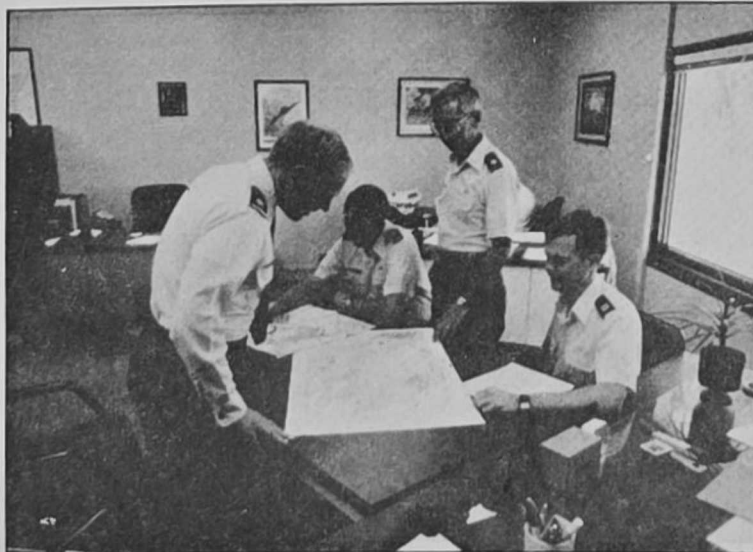
1st Lt. George Quenzer, WWO, Det. 21, 9th Weather Squadron (2nd from right) waits his turn in the mobility processing line.



A1C Alice Polk, Det. 21, 9th Weather Squadron (9WS) observer, puts the finishing touches on the 9WS emblem at the Minot Base Weather Station.



Forecasters, SSgt. Jeffery Smeby and A1C Jimmy Odom operate the QRCT during a local training exercise at Det. 16, 9WS.



Planning support for a 15th Air Force exercise at headquarters 9th Weather Squadron are (left to right): Maj. Terry Lintz, Maj. Kenneth Smith, Lt. Col. Thomas Walters, commander of 9th Weather Squadron, and Capt. Douglas Rippey.



Det. 3, 9th Weather Squadron Wing Weather Officer 1st Lt. David Hembroff, lends a hand to maintenance personnel during a wind equipment preventive maintenance inspection.

SCRAPBOOK



A1C Todd Tutson, weather Observer, highlights a map at Offutt AFB, Neb., base weather. Airman Tutson now works in the SAC Underground Command Post as a WSU observer.



Fine tuning the forecast at Fairchild AFB, Wash., base weather, are 1st Lt. Mark Conner, 2nd Lt. David Hembroff and SSgt. David Douglas.



The pace is fast and furious during mobility exercise recall at Offutt base weather. From left to right are: 2nd Lts. Matthew Lesko and Fawn Morley and SrA Michael Rapp and MSgt. Norman Campos.



MIGHTY WARRIOR forecaster, TSgt. Deke Shifflet, on deployment from McConnell AFB, Kan., takes time out for a photo behind his briefing counter at Bangor, Maine.



With Sgt. Richard Haller, (left) looking on, A1C Brian Graham takes a wind reading for a SART observation with a TMQ-34.



Mr. William Nelson, 1989, 3rd Weather Wing Civilian of the Year, tackles a Skew-T analysis at Det. 1, 9WS.



Ready for Duty — SSgt. Mike Mortenson (right) conducts mobility training during an exercise at Det. 7, March AFB, Calif. Attending left to right are: A1C Lonnie Wheeler; Sgt. Robert Page; SSgt. Joe Pestana; Sgt. Craig Wheeler and TSgt. Greg Morris.



Anchorwoman for Channel 12, Susan Peters, was the first woman to ever ride in the cockpit of the B-1B bomber. From left to right are: Channel 12's Merrill Teller and Susan Peters and Det. 23's Sgt. Terry Avery, Sgt. Brad Davis, and 1st Lt. Charles H. Pappas.



Periodic Task Qualification training gives TSgt. Richard Slosinski, forecaster (left) and 2nd Lt. Fawn Morley, WWO, a chance to prove that Det. 1, SWS, can function within the confines of a chemical warfare environment.



Ms. Jessica Skvarna, forecaster at Det. 7, 9WS, briefs a crewmember on weather for March AFB, Calif.



In chemical gear, Sgt. Frank Thompson (left) Castle AFB, Calif., weather observer takes his observation with an assist from 1st Lt. Vincent Ries, WWO.



Det. 5, 9WS, Commander, Maj. Chris Konze, reviews a document with SSgt. Kristie Merrihew, unit administration technician. (U.S. Air Force photos)

THE FIGHTING TWENTY-FOURTH

The 24th Weather Squadron (24WS) with its 10 detachments spread out in the "southern tier" from Alabama to California supports two major commands and a wide variety of aircraft and missions.

While their major customers don't drop bombs or shoot missiles, the Air Training Command (ATC) and Air University (AU) play a vital role in building the technically and professionally trained force for all the other commands. The flying mission of ATC (20 percent of USAF's flying hours) is among the most demanding (630,000 intensive annual sorties with unskilled student pilots) and weather sensitive in the Air Force and offers a continuous challenge to 24WS's 151-member team.

The 24WS provides 24-hour support and severe

weather protection to \$8.1 billion worth of resources and 125,000 people. That includes 1,400 non-renewable T-37 "Tweets" and T-38 "Talons" that are the mainstay of pilot production.

"Non-renewable" means they haven't been produced

The 24WS provides 24-hour support and severe weather protection to \$8.1 billion worth of resources and 125,000 people.

for 25 years and there isn't any money in the budget to build new ones until the end of the century.

Last year, 24WS supported more than 3,000,000 ATC touch and go landings (MAC and SAC combined for about one-third that number) with

no weather related accidents. Mobility exercises, READY programs, ORIs, JA/AAT missions and even TABWS training are all a part of the 24WS support.

The 24WS team also supports a wide range of other missions ranging from SAC KC-135 refueling and ANG F-16 air to ground missions to C-130 hurricane reconnaissance, T-43 USAF and Navy navigator training and even to NASA Space Shuttle cross-country ferry flights.

Some unique high technology support is also done in 24WS for Air University's Air Force Wargaming Center (AFWC). At AFWC, a large computer based wargaming system provides realistic warfighting exercises using simulation models, real-world data bases, up-to-date intelligence, and command and control with special thea-



SSgt. Ramon Glozalez-Molina, weather forecaster, at Randolph base weather station briefs enroute hazards to a crew member. (U.S. Air Force photo)

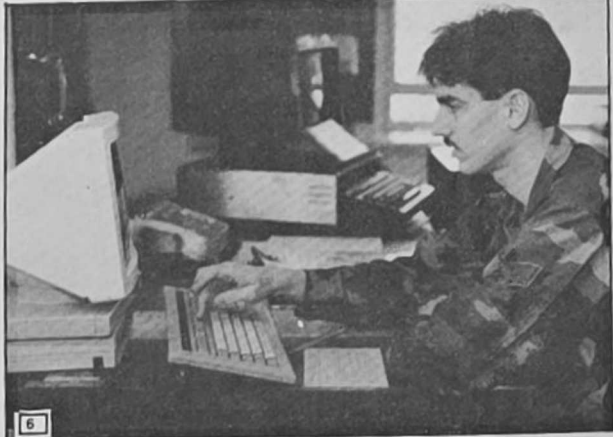
ter oriented weather scenarios.

While some people may believe there isn't any weather in 24WS territory, it's far from true. Some of nature's worst weather targets 24WS operation areas in "tornado alley" and in the hurricane-prone, Gulf Coast region.

Because of the severe weather threat, 24WS pooled headquarters and detachment expertise, with Capt. Gary Bard and Maj. Larry Eblen (IMA) in the lead, to produce an eye-catching 13-part, miniseries video on severe weather forecasting. You'll have a chance to see it

A Glimpse at 24WS

1. Sgt. Ed Harris, fast-track forecaster, Det. 2, 24WS, prepares dial-up radar for Military Operating Area Metwatch. 2. Sgt. Rey Soria, Det. 1, 24WS, uses the local Weather Dissemination System during mobility exercises at Randolph AFB, Texas. 3. Ready to paint — Sgt. Roy Brown, observer at Det. 2, 24WS, erases the PPI scope before painting a new image for his radar observation. 4. A1C Gina Bates (left) and Sgt. Mark Barerre, Det. 9, 24WS, practice operating in a chemical environment at a deployed location in Alabama. 5. Looks like rain — A1C Gina Bates, Det. 9, 24WS, observer, keeps an eye on the sky for team members Sgt. Mark Barerre (center) and TSgt. Richard A. Pratt at a deployed location. 6. Sgt. Barerre of Det. 9, 24WS, uses the new WEBCON system to disseminate his observation to agencies on Maxwell AFB, Ala. 7. Det. 9, 24WS, forecaster, TSgt. Glenn W. Hoffman uses the satellite looper to monitor possible severe weather approaching the central Alabama region. 8. A "1-hop" from Reese to Charleston isn't possible even with 200 knots on the tail. SSgt. Stephen Foster, Det. 11, 24WS, forecaster can tell you that handling student pilot requests takes patience. 9. MSgt. Scot Hill (left) and TSgt. Robert Murders, Det. 12, 24WS, use their new single station lightning detection system at Sheppard AFB, Texas.



Continued from page 8.

soon because AWS has adopted it for world-wide distribution.

Day-to-day forecasting is critical too winter weather can easily ground 50 percent of ATC training missions. Since pilot training classes must graduate on a set schedule, the 24WS team

plays a critical role in planning and managing the command's intensive flying syllabus.

To improve support to the weather sensitive customers, 24WS has combined integration of new technology with aggressive MAJCOM staff work. A 100 percent upgrade

to microcomputer based local Weather Dissemination Systems saved thousands of dollars in maintenance man-hours and annual expend-

To improve support to the weather sensitive customers, 24WS has combined integration of new technology with aggressive MAJCOM staff work.

ables over the old telewriter systems. Three detachments installed Lightning Detection Systems, which can save the Undergraduate Pilot Training program an estimated 200 sorties per year, and three units added satellite animation equipment.

Staff support to HQ ATC brings HQ 24WS, as ATC/DOW into numerous special programs including the "Weather Schoolhouse" move from Chanute to Keesler AFB, Miss., AWS/ NEXRAD training, and base



A1C Kimberlee Henderson, Det. 20, 24WS observer, demonstrates the proper method of inflating a ceiling balloon for Sgt. Thomas Myers, a recent arrival from forecaster school.

closure activities.

The squadron has been active in studies of future basing options and design of the new Specialized Undergraduate Pilot Training that will dramatically change the nature of USAF pilot training.

With a busy and productive year in 1989, 24WS won the 3rd Weather Wing

"Squadron of the Year" award. If you asked Col. John Oliver, 24WS commander, or anyone from any of the 10 detachments, what the key to winning was, they would probably say something like, "Attitude ... we want to SHOW THE WAY, and an important mission lets us show our skills."



Det. 12, 24WS forecaster, TSgt. Robert Murders briefs a German Air Force pilot assigned to the 80th Flying Training Wing's Euro-NATO Joint Jet Pilot Training Program.

26WS "WEATHER WARRIORS" ready for any challenge

Supporting Strategic Air Command's (SAC) "Mighty" 8th Air Force (8AF) is a big responsibility, and it takes the largest weather squadron supporting Air Force operations to do it. Made up of 13 detachments and four operating locations, the squadron is spread over the eastern half of the United States from Texas to North Dakota and from Maine to Louisiana, with over 300 "Weather Warriors" providing the support.

Twenty-sixth Weather Squadron provides weather support to 8AF's Emergency War Order (EWO) operations

and conventional operations, plus NORAD's Northeast Air Defense Sector, the National Emergency Airborne Command Post (NEACP) and

Made up of 13 detachments and four operating locations, the squadron is spread over the eastern half of the United States from Texas to North Dakota and from Maine to Louisiana ...

numerous Air Force Reserve and Air National Guard units.

The 8AF consists of three Air Divisions, 11 Bombardment Wings, three Air Refueling Wings, three Strategic Missile Wings, SAC's Strategic Warfare Center, and 12 Air Force Reserve KC-135 wings. Supported weapon systems are SAC's B-1B, B-52, FB-111, KC-10, KC-135 and the Minuteman II and III missile systems. Other aircraft supported by 26WS detachments are F-4s, F-15s, F-16s, A-10s, T-37s, T-38s, C-130s and numerous Army aircraft.

Wartime readiness is the top priority for 26WS. Members of the squadron participated in over 20 SAC and 9AF EWO and conventional exercises during fiscal year 1989.

The squadron actively participated in Operation JUST CAUSE by providing timely weather support to the 8AF tankers involved in the mission. Most notable of the conventional exercises were MIGHTY WARRIOR and MIGHTY FORCE, 8AF exercises designed to test the ability of B-1Bs, B-52s, FB-111, KC-10s, and KC-135s to conduct conventional operations from austere, bare-base locations.

MIGHTY WARRIOR 89



1st Lt. Phyllis Kampmeyer, 26WS forecaster, studies the latest satellite discussion bulletin in the 8th Air Force Weather Support Unit. (U.S. Air Force photo)

required most of the 26WS detachments to deploy people and tactical equipment to locations throughout the United States and Europe.

Members of the squadron staff deployed to SHAPE

MIGHTY WARRIOR 89 required most of the 26WS detachments to deploy people and tactical equipment to locations throughout the United States and Europe.

Headquarters at Mons, Belgium, to support the 8AF command and staff. There have also been more than 20 MIGHTY FORCE deployments in the past two years.

These are deployments to bare base locations in the U.S., where squadron and detachment forecasters and observers deploy with tactical equipment to support their customers.

The 26WS will face several new challenges in the coming months. Among these are: installing three of the first four Automated Weather Distribution Systems (AWDS) at 26WS detachments; preparing for the activation of the first B-2 wing at Whiteman AFB, Mo.; continuing support to numerous SAC and 8AF conventional operations; moving Strategic Training Range Complex weather support to the Strategic Warfare Center (SWC) at Ellsworth AFB, S.D.; and

Continued on page 10.



Amn. Monty Loveless, weather observer at the 8th Air Force Weather Support Unit, meticulously plots a severe thunderstorm box. (U.S. Air Force photo)

26th Weather Squadron

Continued from page 9.
closing Pease AFB, N.H. and turning the weather det. into an OL.

The 26WS Weather Support Unit (WSU) located in the 8AF Command Post provides worldwide weather support to the 8AF commander and his senior staff. They keep the command post senior controller apprised of any significant weather affecting 8AF's worldwide operations.

They metwatch SAC low-level training routes located over the eastern United States plus help in the met-

watch of our 13 detachments located at 8AF bases.

This can become quite challenging when there is

They metwatch SAC low-level training routes located over the eastern United States plus help in the metwatch of our 13 detachments located at 8AF bases.

widespread severe convective weather over the central plains and southern

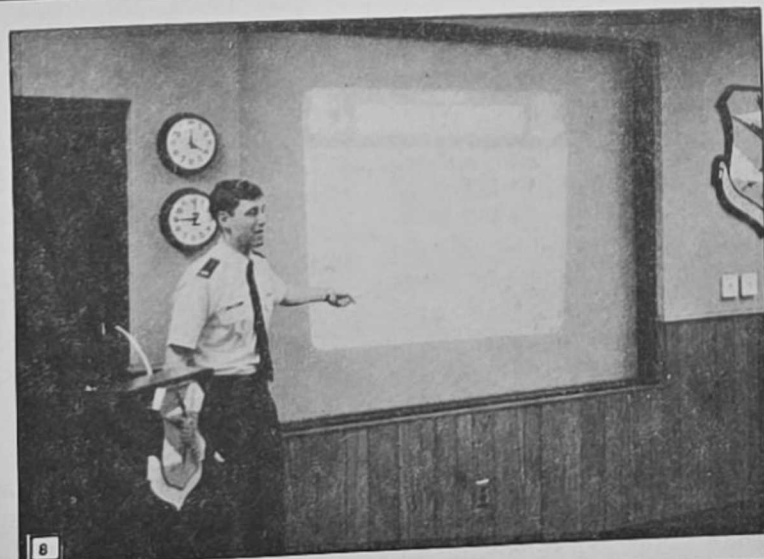
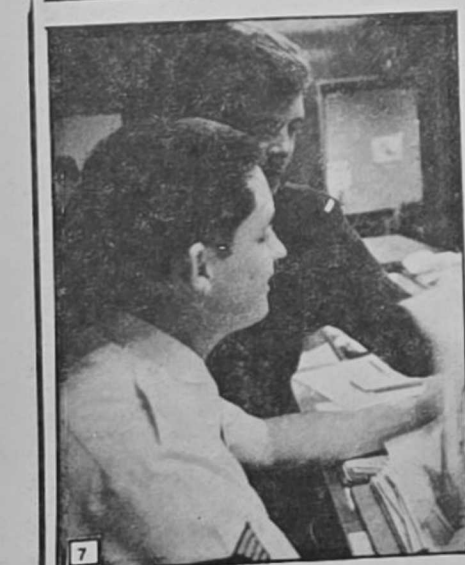
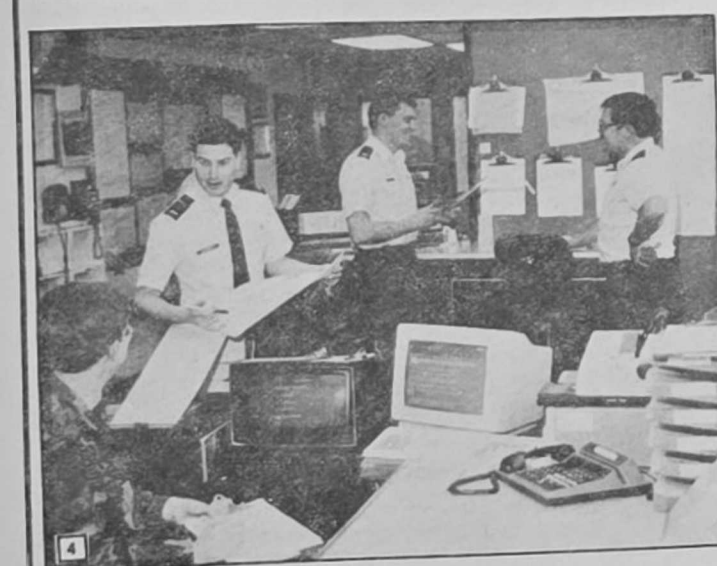
states while adverse winter weather conditions are occurring over the northern tier bases.

The WSU also provides SAC ORI support for the 8AF bomber and tanker wings, plus forecast support for thousands of 8AF special missions each year, including several Air Launched Cruise Missiles (ALCM) missions.

Most recently, the MSU played a key role in Operation JUST CAUSE, providing outstanding weather support to the 90 8AF tankers involved in the mission.

1st Lt. Dian Norris, WWO, at Det. 24, 26WS, utilizes the closed circuit television system to brief alert crews. (U.S. Air Force photo)

SNAPSHOT 26 WS



1. Will it snow? That's the question on everybody's mind during wintertime forecast discussions at Loring AFB, Maine. Det. 12 members (left to right) are: Sgt. Tim Myers, A1C Kevin Bootee, 2nd Lt. Don Harper and SSgt. Myron Wint. 2. Checking a SAC low-level route for signs of convective activity are 1st Lt. John Dreher and SSgt. Myron Winters. 3. Capt. Ricardo Rivera readies a 9315 portable facsimile machine for deployment. 4. Det. 8, 26WS, Griffis AFB, N.Y., is usually a flurry of activity. On this typical day, it's manned by (left to right), Sgt. Jim Zdrojewski, 2nd Lt. Rich Luterman, 1st Lt. John Fullerton and SMSgt. Leslie Taylor. 5. A1C Joe Sorrentino and AB Stanley Derrick, observers at Det. 8, 26WS, take advantage of a quiet day in the ROS to review training records. 6. Checking convective development on the satellite looper (left to right) are: Maj. Al Powell, 2nd Lt. Keith Hugo and 1st Lt. Steven Fiorino at Grand Forks, N.D., base weather station. 7. SSgt. Kenneth Phelps (front) and 1st Lt. Kevin Simmerman, at Det. 20, 26WS, discuss missions scheduled for the day at Barksdale AFB, La. 8. "There's no relief in sight" says 1st Lt. Fiorino, during the 319th BMW stand-up briefing, when asked when the cold will let up. (U.S. Air Force photos)

Medals

Meritorious Service Medal:

BAKER, Maj. Beverly J., (10LC), AFGWC
BARBER, MSgt. Raymond, Det. 5, 7WS
BROWN, MSgt. Michael P., Det. 11, 9WS
BURR, MSgt. Wilburn H., Det. 19, 26WS
BURGETT, MSgt. Roger D., Det. 6, 3WS
CALACI, SMSgt. Rocco (10LC), Det. 10, 2WS
EVINS, MSgt. James P., HQ 1WW
FRIESEN, SMSgt. Nyiek, (20LC), Det. 30, 2WS
LIBERTO, MSgt. Sam III, Det. 21, 9WS
MCDONALD, Capt. Michael H., Det. 1, 5WS
MORGAN, MSgt. Randolph A., Det. 13, 25WS
NIMMO, Lt. Col. Edward J., (30LC), AFGWC
O'CONNELL, SMSgt. Daniel C., (40LC), Det. 11, 2WS
REDINGER, MSgt. Robert E., 5WW

Joint Service Commendation Medal:

SLAVIN, Capt. Ann C., OL-B, 2WS

Air Force Commendation Medal:

ADAMS, Capt. Daniel B. Jr., Det. 22, 26WS
BLUE, SSgt. Creighton, Det. 13, 20WS
BRANBY, SSgt. Pauline C., Det. 8, 4WW
GRANGER, Capt. Russell J., Det. 8, 20WS
JACOBSEN, Sgt. Richard, Det. 14, 17WS
JENSEN, 1st Lt. Lance S., OL-A, 5WS
KRAM, Wvian A., 26WS
KASCHNER, 1st Lt. Mary A., HQ 1WW
KEISER, Capt. Frederick, USAFETAC
KEITH, Capt. Chan W., OL-A, Det. 6, 4WW
KING, SSgt. Michael E., Det. 31, 5WS
KIRBY, SSgt. Benard O. Jr., AFGWC
KIRBY, MSgt. Stephen C., AFU, 11WS
KISSEL, 2nd Lt. Kevin M., 1WW
LAND, MSgt. Donald L., (30LC) Det. 20, 26WS
MARCO, SSgt. Vance A., AFGWC
MOSLEY, SSgt. Alice F., Det. 3, 11WS (30LC)
NALL, 1st Lt. James M., OL-B, 2WS
POPE, TSgt. Marc, 31WS
RIPPY, Capt. Douglas W., 9WS
SLONIKER, Maj. Donn E., (20LC), Det. 20, 26WS
SMITH, Sr. Terrence B., AFGWC

Army Commendation Medal:

BARCELONA, Sgt. Patrick F., Det. 9, 3WS
BROSS, Capt. Jean M., 1WW
HOBSON, Capt. Dennis A., 1WW
JENSEN, Maj. Glynn E., 1WW
RAND, SSgt. Paul, Det. 8, 31WS

Joint Service Achievement Medal:

RITZER, Sr. Kevin A., Det. 21, 9WS
RUSSELL, 1st Lt. Robert L., Det. 5, 20WS

Air Force Achievement Medal:

BARON, SSgt. Gregg, 31WS
BERRY, Sgt. Cornel N., Det. 10, 2WS
BUZZAIRD, Sr. Brian K., AFGWC
COLANG, Sgt. Guy R., Det. 15, 26WS
DOTSON, Sgt. Amy L., Det. 11, 2WS
EVINS, MSgt. James P., 1WW
FINLAYTER-COX, Sgt. Mario, Det. 11, 2WS
FISHER, Sr. Oliver N., Det. 10, 2WS
HALL, Sgt. Debbie D., Det. 30, 2WS
HENSON, Sgt. Gerald A., AFGWC
HIATT, A1C Douglas D., Det. 6, 2WS
HORNBER, Sgt. Kathryn L., Det. 11, 2WS
JACOB, Sr. Ann, Det. 8, 20WS
LINSKENS, 1st Lt. Jeffrey R., Det. 1, 2WS
NEWMAN, SSgt. Gail S., Det. 3, 3WS
NORMAN, SSgt. Brian K., Det. 6, 2WS
O'HEARN, Capt. Michael, Det. 8, 31WS
PEGUES, A1C Robert J., AFGWC
PERRY, MSgt. Adrian N., Det. 32, 3WS
RICHARD, Sgt. David P., OL-A, Det. 6
RICHARDSON, A1C Floyd, 20WS
PINNICK, A1C Paul M., Det. 10, 2WS
PORTA, Sgt. Shaun, Det. 9, 17WS
SIEVERS, John C., ID W., Det. 20, 24WS
STEVERSON, SSgt. Alton E., Det. 26, 26WS
STOSS, 1st Lt. Laura A., Det. 17, 26WS
SUTHER, Sgt. John F., Det. 15, 25WS
THEISEN, A1C Richard L., AFGWC
VANSURKSUM, SSgt. Roger W., AFGWC
VASQUEZ, SSgt. Mario, Det. 11, 2WS
WEST, Sgt. Chester, R. II, AFGWC
ZINN, 1st Lt. Robert D., Det. 4, 17WS

Army Achievement Medal:

CHEEBRO, SSgt. Kevin L., Det. 5, 9WS
LAPPIE, SSgt. David W., Det. 11, 5WS
REID, SSgt. John H. III, Det. 3, 5WS
SANTOS, A1C Frank, Det. 12, 31WS

Air Force Good Conduct Medal:

BARCLAY, MSgt. Robin L., 5WW
BETSCH, SSgt. Robin E., Det. 4, 20WS
BLUE, SSgt. Creighton, Det. 13, 20WS
BOYERS, Sr. Gary, Det. 26, 7WS
BROWN, SSgt. Derrick R., 5WW

DASINGER, Sgt. Steven (20LC) USAFETAC
DICKSON, Sgt. Joshua N., Det. 23, 6WS
DOUGHTERY, MSgt. Michael D., 6WW
EIFERT, SSgt. Harold D., (20LC) Det. 17, 26WS
FARRIS, SSgt. John D., 6WS
FILLER, SSgt. Pauline C., (10LC), Det. 8, 4WW
FOSTER, SSgt. Vickie L., 6WS
GABOR, Sgt. Brian J., Det. 20, 26WS
GONZALEZ, Sr. Anthony (10LC), AFGWC
HAINES, TSgt. Robert L., (30LC), AFGWC
HESS, Sr. Jeffrey W., (10LC), AFGWC
KELLAWAY, SSgt. Bradford A., (20LC) Det. 1, 24WS
KNOWLES, SSgt. Philip, Det. 11, 31WS
JAGIM, SMSgt. Robert A. (60LC), AFGWC
LAMBERT, Sr. Darren C., (10LC), AFGWC
LAU, MSgt. Robert (60LC) USAFETAC
LAWRENCE, SSgt. Kevin S., (20LC), AFGWC
LEHR, TSgt. Lawrence W., (50LC) Det. 17, 26WS
MASTISON, TSgt. Stephen V., (30LC), AFGWC
MCMULLEN, Sgt. James E. Jr., (20LC), AFGWC
PETERSON, SMSgt. Charles W., (80LC), AFGWC
PLATT, CMSgt. Robert W., 6WS
QUIRK, Sgt. Faith, Det. 6, 26WS
RANDALL, SSgt. Darrell, Det. 1, 7WS
ROBERTSON, Sgt. John, 31WS
SANCHEZ, SSgt. John (10LC), Det. 16, 4WW
SECHREST, SSgt. Craig L., (20LC), Det. 8, 4WW
SIMMONS, Sr. Timothy J., Det. 6, 7WS
SOLANICK, TSgt. Gary E., (50LC) AFGWC
SOLLENBERGER, Sgt. Kevin L., (20LC), AFGWC
STARRETT, Sgt. Andrew K. M., Det. 3, 5WS
TAYLOR, SMSgt. Leslie O., Det. 8, 26WS
TRYON, TSgt. Gary (40LC), USAFETAC
WALLS, SSgt. Latanya L. (30LC), AFGWC
WALTERS, MSgt. Darrell D., (60LC) AFGWC
WHITNEY, SSgt. Charles (30LC), USAFETAC
WOODS, Sgt. Dan A., Det. 6, 26WS

Armed Forces Expeditionary Medal:

ARMITAGE, SSgt. Paul A., Det. 25, 5WW
BARNARD, SSgt. Bruce J., Det. 25, 5WW
BATTIS, 2nd Lt. Carl A., Det. 25, 5WW
BLANKS, SSgt. Samuel P., Det. 25, 5WW
BUCHANAN, MSgt. Currey A., Det. 25, 5WW
COLE, Capt. Donald C., Det. 25, 5WW
COPESKY, MSgt. Peter M., Det. 25, 5WW
DAVIDSON, Capt. Michael Det. 25, 5WW
DYER, TSgt. Larry D., Det. 25, 5WW
GARMENDIA, Sgt. Kurt A., Det. 25, 5WW
GARRETT, MSgt. Thomas D., Det. 25, 5WW
GUZMAN, Sr. Evans Ana P., Det. 25, 5WW
HAUGHT, Sr. Bryan G., Det. 25, 5WW
HOLBROOK, 1st Lt. Benny D., Det. 25, 5WW
HOULE, Sgt. Randolph R., Det. 25, 5WW
JACKSON, TSgt. Larry D., Det. 25, 5WW
MANSFIELD, A1C Matthew, Det. 25, 5WW
MARSHALL, Sgt. William T., Det. 25, 5WW
MAZUROWSKI, Maj. Alfonso J., Det. 25, 5WW
MCCLUSKEY, A1C James D., Det. 25, 5WW
NELSON, Capt. Kurt A., Det. 25, 5WW
PECK, Amn. Lois E., Det. 25, 5WW
REDING, 1st Lt. Philip J., Det. 25, 5WW
REID, TSgt. Newton A., Det. 25, 5WW
SANDERS, TSgt. Mark R., Det. 25, 5WW
SCHMIDT, Sr. Charles E., Det. 25, 5WW
SEEVERS, A1C John C., Det. 25, 5WW
SNYDER, TSgt. Dennis, Det. 25, 5WW
STRICKLAND, Sr. David L., Det. 25, 5WW
WATSON, SSgt. Milinka B., Det. 25, 5WW
WEIMER, Sgt. Allura P., Det. 25, 5WW
WESTBROOK, SSgt. Howard A., Det. 25, 5WW
WILLIAMSON, SSgt. Lewis H. Jr., Det. 25, 5WW
WINSLOW, Capt. Jerome C., Det. 25, 5WW

Promotions

To Colonel:

DUMONT, Robert J., 3WW

To Captain:

DEUEL, Gregory B., AFGWC
FAHLBUSCH, Frederick L., Det. 1, 7WW
GRANGER, Russell J., Det. 8, 20WS
JAMSKI, Michael A., AFGWC
PURDY, Daniel J., AFGWC
RAMSAY, Gregory A., Det. 21, 5WS
VALLER, David A. Jr., Det. 4, 20WS

To First Lieutenant:

BATTIS, Carl A., Det. 25, 5WW
CUADRA, Fernando de la, USAFETAC
FIORINO, Steven T., Det. 15, 26WS

To Master Sergeant:

DAVID, Bruce, Det. 8, 31WS
GARDNER, Samuel, Det. 14, 31WS
GRUBB, Charles E., Det. 1, 9WS
HUBB, Robert L., (STEP) Det. 17, 26WS
KIRBY, Stephen C., AFU 11WS
MELTON, Patrick A., Det. 11, 9WS

RUCH, Steven W., AFGWC

To Technical Sergeant:

ADAMS, Steven R., AFGWC
HALL, Charles H., Det. 10, 2WS
HERMANSON, Keith A., OL-A, Det. 6, 2WS
JACOBS, Michael L., Det. 14, 5WS
LANG, Glen, Det. 9, 3WS
LEIDIG, Paul F., Det. 1, 15WS
RIOS, Robert, Det. 8, 7WS
TOOMEY, Daniel M., Det. 23, 6WS

To Staff Sergeant:

BARCELONA, Patrick, Det. 9, 3WS
CORMIER, Philip, USAFETAC
FISHER, Ruben A., AFGWC
LAX, Imo M., Det. 11, 17WS
MCMILLIAN, Richard, AFGWC
MCQUOID, Gregory J., 9WS
REED, Laura, Det. 19, 26WS
THOMSON, Martin, Det. 2, 7WS
QUIRK, Faith R., Det. 6, 26WS
WILLIAMS, Mary L., Det. 30, 2WS
ZWEIFEL, Theodore W., Det. 9, 5WS

Appointed to Sergeant:

BOUCHARD, Ronald S., Det. 21, 15WS
DILLEY, Craig A., Det. 8, 25WS
FERGUSON, Eugene P., AFGWC
FOLBS, Randy, Det. 5, 5WS
HILTON, Diana R., AFGWC
SCHMIDT, Charles E., 6WS
SITLER, Jeffrey L., Det. 7, AFGWC
TATE, Patricia, Det. 5, 7WW
VAN NOY, Karl L., Det. 23, 6WS
WOFFORD, Bruce W., AFGWC

To Senior Airman:

BELL, Steven R., Det. 1, 5WS
CARONA, Angel M., 9WS
DAVIS, Sue A., Det. 5, 5WS
DONLEY, Rhonda J., Det. 4, 17WS
FRAME, Charles E., Det. 5, 5WS
KLEIN, Karen L., Det. 3, 11WS(BTZ)
MCDERMONT, Lee G., Det. 4, 26WS
MONTGOMERY, Michele, AFGWC
MOORE, Robert A., Det. 14, 5WS
NATALLE, Jon S., Det. 3, 7WS (BTZ)
ROMERO, Karen S., Det. 14, 5WS (BTZ)
SABDIN, Les, USAFETAC
SCHWIND, Robert L., AFGWC
SCHRIEFER, Cynthia, Det. 14, 31WS
SORAT, Nahluai, AFGWC
WALKER, Lawrence A., Det. 11, 2WS (BTZ)

To Airman First Class:

BERENBERG, Jason S., Det. 15, 24WS
CROSS, Thomas R., Det. 7, 5WS
CUPIL, Ronald A., Det. 1, 24WS
DELMARCELLE, Michael L., Det. 58, 5WS
FRANCIS, Mark L., Det. 22, 24WS
HONADLE, Robert Det. 30, 2WS
HUGHES, Darrin L., AFGWC
LOCKARNO, Freddy, Det. 21, 2WS
MEYER, Brook A., AFGWC
NARLOCK, Lisa D., Det. 13, 20WS
NITCHMAN, Richard D., OL-B, Det. 2, 5WS
PALONEN, Debra, Det. 8, 31WS
PARKER, Edsel J., Det. 9, 5WS
PARKS, Robert F. Jr., Det. 7, 3WS
ROHL, Kurt R., Det. 2, 24WS
TIKKANEN, Christopher S., Det. 8, 25WS

To Airman:

ANDRUS, Mark J., Det. 12, 25WS
BARNIER, Anthony W., Det. 23, 9WS
BLEACHER, Paul, Det. 6, 26WS
CAMPOS, David, Det. 14, 5WS
DAVENPORT, Debbie M., Det. 1, 3WS
DEMEYER, Jeffery, Det. 10, 5WS
GAGNIER, Reggie P., Det. 75, 6WS
HAMBLEN, Benjamin C., Det. 4, 26WS
HENRY, Deanne, Det. 5, 9WS
KELLY, Beblinn A., Det. 20, 26WS
KEUP, Bryan C., Det. 1, 5WS
LACAYO, Alberto, Det. 9, 5WS
LWANGA, Michael T., Det. 31, 5WS
MACH, Huy T., Det. 2, 9WS
MORRIS, Dennis Y., Det. 4, 26WS
PAUL, Sarah M., Det. 20, 26WS
REDUS, Jennifer L., Det. 20, 26WS
SPEED, Richard S. Jr., Det. 75, 6WS
WILSON, Joseph H., Det. 20, 26WS

Unit honors

Senior NCO of the Year:

4WW-STANBURY, MSgt. Thomas, 4WW

Military Administrator of the Year:

4WW-THOMAS, SSgt. Christopher, 4WW

Company Grade Officer of the Quarter:

1WW-GRANGER, Capt. Russell, Det. 8, 20WS
2WW-MOORE, 1st Lt. Erika, 2WW
AFGWC-LINDSAY, 1st Lt. Gretchen M., AFGWC
7WW-BERCHOFF, Capt. Donald H., Det. 1, 15WS
HQ3WW-HELMICK, 1st Lt. Brent A., HQ 3WW
3WS-HINSON, 1st Lt. Franklin J., Det. 3, 3WS
9WS-KODAMA, 2nd Lt. Kevin R., Det. 21
15WS-BERCHOFF, Capt. Donald H., Det. 1
17WS-RAY, Capt. Edward C., Jr., Det. 6
25WS-FIORINO, 1st Lt. Steven T., Det. 15
USAFETAC-CLEMENT, 1st Lt. Peter

Senior NCO of the Quarter:

1WW-FLEMING, MSgt. Jeffrey L., Det. 2, 20WS
2WW-BRANSKI, MSgt. Frederick R., Det. 40
2WW-VELA, MSgt. Manny, Det. 11, 7WS
4WW-GUY, MSgt. Frank, 4WW
AFGWC-MCBURN, MSgt. Michael S., AFGWC
7WW-DES JARDIN, SMSgt. Richard R., Det. 1, 17WS
6WS-LANGLEY, MSgt. Terry W., Det. 75
9WS-BROOKS, MSgt. Robert F., Det. 16
15WS-FOSTER, MSgt. James E., Det. 15
17WS-DES JARDIN, SMSgt. Richard R., Det. 1
24WS-WARD, MSgt. Donald L., Det. 20
25WS-FLEMING, MSgt. Dwight W., Det. 18, 25WS
26WS-LAND, MSgt. Donald L., Det. 20, 26WS
USAFETAC-BOYER, MSgt. Richard

NCO of the Quarter:

1WW-ELLIS, TSgt. James S., OL-A, Det. 7, 20WS
2WW-ELDER, TSgt. George E., Det. 40, 2WW
2WW-SCHLEDT, SSgt. Tim, Det. 6, 7WS
AFGWC-NITSO, SSgt. George, AFGWC
7WW-HERB, TSgt. Thomas G., Det. 13, 15WS
3WS-SHERIN, SSgt. Willie C., Det. 7, 3WS
6WS-PERKINS, SSgt. Bruce W., 6WS
9WS-SLOMINSKY, Sgt. Richard D., Det. 1
15WS-HERB, TSgt. Thomas G., Det. 13
17WS-DOMONGUES, SSgt. Alfredo III, Det. 4
24WS-MURDERS, TSgt. Robert W., Det. 12
25WS-WILLEN, SSgt. Michael A., Det. 8, 25WS
26WS-TEGNELLE, TSgt. Kenneth L., Det. 17
USAFETAC-LLEWELLYN, SSgt. Dale

Airman of the Quarter:

1WW-SMITH, A1C Shawn C., OL-D, 11WS
2WW-ROBERTS, Sr. Michaela F., Det. 3, 7WS
2WW-WHITEHEAD, A1C Jane M., Det. 40
AFGWC-HUGHES, Amn. Darrin L., AFGWC
7WW-WEINMEISTER, A1C Channing M., Det. 23, 6WS
3WS-MOSS, Amn. Norman K., Det. 23, 2WS
6WS-WEINMEISTER, A1C Channing M., Det. 23
9WS-LAURICELLA, A1C Clint D., Det. 7
17WS-GERTH, A1C Richard R., Det. 6
24WS-PIEST, A1C Deborah A., Det. 1, 24WS
25WS-NIVISON A1C Gerald J., Det. 17, 26WS
26WS-THUR, Sr. Robert H., Det. 17, 26WS
USAFETAC-MCCORKLE, Sr. John D.

Civilian of the Quarter:

AFGWC-PAINTER, Gerome E., (GS-9 and above)
AFGWC-MEYER, Carol A., (GS-8 and below)
7WW-MCBREARITY, Lois A., 15WS
15WS-MCBREARITY, Lois A.
17WS-WARNER, Julie K., Det. 6
25WS-CAUDEL, Alvin S., Det. 16, 25WS
26WS-Suzanne E., Det. 19

Education:

Air War College:

HUGHES, Maj. Robert, Det. 21, 2WS

Squadron Officer's School:

SCHIANO, Capt. Thomas L., Det. 11, 2WS
STEWART, 1st Lt. Dawn, Det. 50, 2WS

SNCO Academy:

ROGERS, MSgt. Alan, OL-H 7WS corr

NCO Academy:

BRIDGES, TSgt. Thomas R., 3WW
BROWN, TSgt. Anthony J., Det. 29, 17WS
CARROL, TSgt. John T., Det. 10, 25WS (DG)
GARRETT, MSgt. Steven, corr
GAVIN, TSgt. Randy L., Det. 58, 5WS
JACKSON, TSgt. John W., Det. 2, 3WS
LOFTON, TSgt. Eugene, Det. 1, 3WS
MCGARRIGLE, TSgt. Kaven, Det. 9, 31WS

RAVASIO, MSgt. Ronald O., Det. 4, 26WS

ROTH, TSgt. Darryl K., 15WS

WERNER, TSgt. Karen A., 9WS

NCO Leadership School:

AKERLEY, Sgt. Heidi C., Det. 7, 24WS
ANDRASHIE, SSgt. John L., AFBWC
COX Sgt. John D., 6WS
DAVENPORT, SSgt. Mike, USAFETAC
DAVES, Sgt. Scott D., AFGWC
GRIFFIN, SSgt. John T., AFGWC
HALL, SSgt. Les G., Det. 14, 5WS (CA)
LIKINS, Sgt. Cathleen D., AFGWC
PARENT, SSgt. Rodney P., Det. 4, 26WS
RANSAY, Sgt. Grant A., Det. 28, 26WS
RILLBRUD, SSgt. Andrea J., Det. 5, 3WS (DB)
MATTHEWS, SSgt. Gregory R., AFGWC
SHARP, SSgt. Rondi B., Det. 2, 9WS
SUTHER, John F., Det. 15, 25WS
TESSELINK, Sgt. Kyle J., Det. 6, 2WS
YEH, Sgt. Albert, Det. 30, 2WS
ZENNER, SSgt. Michael A., Det. 1, 17WS (Levitow)

NCO Preparatory Course:

DUNN, A1C James F., Det. 11, 9WS
FILLMORE, Sr. Wesley G., Det. 20, 26WS
HEATH, Sr. Todd C., Det. 11, 5WS
IRESON, Sr. Kirk, Det. 5, 7WS (DG)
LEWIS, Sr. Christopher, OL-H, 7WS
LUNDSTROM, Sr. Michael R., Det. 21, 5WG
PASSANISI, Sr. Gail, Det. 2, 7WS
PETERES, Sr. Eric, Det. 2, 31WS
PRUDEN, Sr. Donald, Det. 7, 31WS
ROBERTS, Sr. Donald, Det. 7, 31WS (DG)
AROCCHI, Sr. Joseph Det. 2, 7WS
RITZER, Sr. Kevin A., Det. 21, 9WS (DG)
TAPLEY, Sr. Angela B., AFBWC (DB)
THUR, Sr. Robert H., Det. 17, 26WS

Officer Training School:

Weather Station Operations Course:
KEITH, Capt. Chan W., OL-A, Det. 6, 2WS

Master's Degree to:

CARVER, Capt. Kimberley L., HQ AWS
WEISMANN, Capt. Alan C., Det. 12, 24WS

Bachelor's Degree to:

LOLONDE, MSgt. Ronald, Det. 6, 7WS

Associate Degree from CCAF to:

BRANNON, TSgt. Renwick W., AFGWC
CAMPBELL, MSgt. Robert D., AFGWC
GRELL, TSgt. Stanley B., AFGWC
HAINES, TSgt. Robert L., AFGWC
HENSON, Sgt. Gerald A., AFGWC
MILLER, SSgt. Dennis W., AFGWC
MORALES, SSgt. Gary W., AFGWC
MORRIS, Sgt. Gary W., AFGWC
DIMDEN, SSgt. Steven C., AFGWC
SCHROEDER, SSgt. Stephen, AFGWC

Reenlistments:

BOUSMAN, Sgt. Keith R., Det. 31, 5WS
COHEN, MSgt. Norman L., OL-B, AFBWC
DOPSON, MSgt. Sarah L., 5WW
DROWN, Sr. Daniel J., Det. 17, 26WS
HALLER, Sgt. Richard A., Det. 2, 9WS
HENDERSON, SSgt. Joe A., Det. 1, 5WS
KELLAWAY, SSgt. Bradford A., Det. 1, 24WS
KIRBY, MSgt. Stephen C., AFU, 11WS
LORD, MSgt. Stephen A., Det. 3, 5WS
PRATT, SSgt. Steven D., Det. 21, 9WS
REYES-SAUTER, MSgt. Sue, USAFETAC
SIMMONS, Sgt. Dedic L., Det. 12, 5WS
SMITH, TSgt. Robin R., Det. 26, 26WS
WEBBER, Sgt. Gerald R., Det. 3, 5WS
WILLEN, SSgt. Michael A., Det. 8, 25WS
YELENIC, SSgt. Steven M., Det. 16, 9WS

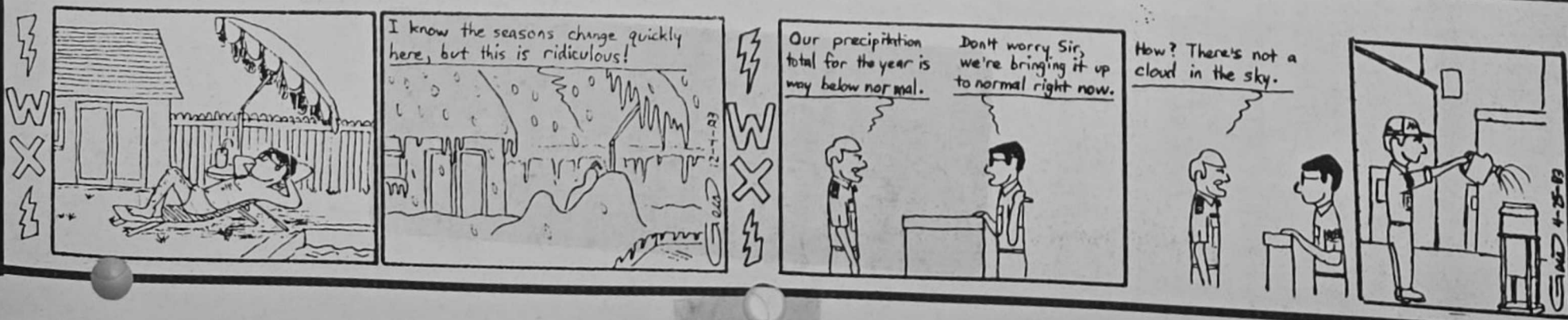
Retirements:

BROWN, SMSgt. Billy W., Det. 7, AFGWC
DILLON, CMSgt. Walter B., 1WW
FARLEY, CMSgt. Jerry D., 1WW
FERRUCCI, MSgt. Egido, Det. 26, 26WS
JENKINS, SSgt. Kenneth, Det. 11, 1WW
MORGAN, Randolph A., Det. 13, 25WS
PELLY, CMSgt. Tommy M., AFGWC
PERRY, MSgt. Adrian N., Det. 32, 3WS
RIGGSBY, SSgt. Louis, Det. 17, 20WS

Submissions to Salutes

OLS, detachments and squadrons submitting inputs to this Salutes column must do so through their chain of command for information and consolidation purposes. Wing public affairs representatives will consolidate these inputs by alphabet and in the format presented in this column. Wing/PA's then forward their consolidated Salute submissions by the first week of each month to HQ AWS/PA. For more information contact MSgt. Dave Black at HQ AWS/PA, at AUTOVON 576-2065.

By SSgt. Daniel Geis



AWDS

Continued from page 1

caster will be able to automate many other products which previously required too much time to manually create, such as vertical cross-sections.

The production contract calls for the procurement of 187 fixed systems to be located

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Accompanying the implementation of AWDS is an upgrade of the weather communications networks. These networks provide base weather stations with externally-generated products. Weather observations and forecasts are processed and forwarded through

Air Force Communications Command's (AFCC) Automated Weather Network (AWN) to each AWDS. AWDS will receive centrally-produced graphic data and data bases from the Air Force Global Weather Central (AFGWC), Offutt AFB, Neb. Outside of the United States, theater-specific products created by theater forecast units and foreign-produced products provided by host-country weather services will be transmitted to the theater AWN switches and then distributed to AWDS locations. AWDS has the ability to process weather information at each operational site. The system can also receive and transmit weather information to local users, as well as off base location automatically. Air traffic control and command and control agencies will receive much faster notification of actual and forecast weather changes with AWDS.

AWS plans to install AWDS at Air Force bases and Army

posts in the United States starting with McGuire AFB, N.J., in July 1990. AWDS installation at locations in Europe will

begin in late 1992. Completion of the AWDS network is scheduled for late 1993 in the Western Pacific.



TSgt. Robert Born inspects the status of AWDS modems at the Communications Data management functional area. (U.S. Air Force photo)



YEA TEAM! — You couldn't possibly name all the Air Weather Service people who helped bring the Automated Weather Distribution System to fruition, but AWDS team members shown here certainly played an important role. From left to right are: CMSgt. Wayne King, Capt. Loraine Pope, Maj. Nancy Harris, Maj. James L. Humphrey, 1st Lt. Marc Hanlin and TSgt. Gregg Williams. Unavailable for photo was TSgt. Robert Born and Perry Shapell (U.S. Air Force photo)



1. Det. 20, 26WS, Barksdale AFB, La., forecasters check out some big boomers on the FPS-77. From left to right are: SSgt. Eric Livingston, MSgt. Donald Land and Mr. Al Langley. 2. SSgt. Laura Reed, Det. 19, 26WS, forecaster briefs an aircrew member on flight weather. 3. MSgt. Elaine Hendrickson, Det. 28, 26WS, assists SSgt. Randra Wright, as she works the computer. 4. TSgt. William Cecil, Det. 17, 26WS, delivers a predeployment briefing to Ellsworth observers A1C James Miller, SrA Robert Thur, TSgt. Lawrence Lehr, SSgt. Brian Chapman and Sgt. Rand Bynon. 5. 1st Lt. Dore-Jean Heverly, Det. 28, 26WS, checks the scope for thunderstorms moving into the local flying area at Wurtsmith. (U.S. Air Force photo)

HQ AWS/PA
SCOTT AFB, IL 62225-5008

HQ 1ST WEATHER WING

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HICKAM AFB HI 96853

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