



### Into the sun

THE JET AIRCRAFT passing across the surface of the sun was captured by the automatic camera on a Razdow telescope at the 1st Weather Wing's Palehua Solar Observatory above Barbers Point, on Oahu, Hawaii. The observatory keeps a close watch on the sun in support of the Air Force mission, including Gemini, Apollo, and Skylab missions. The camera

takes one picture per minute and the chances of taking such a photo automatically are very small. This is the only known picture of its kind. USAF astronomers occasionally see aircraft flying toward the sun's path, but never know if they will intersect and cannot take a picture by hand control, since the timing is critical. (U.S. Air Force Photo)



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Headquarters, Air Weather Service, Scott AFB, Il.

July 1974

## AF exchange officer returns from Argentina

HOWARD AFB, CA -- Capt. Richard A. Rasmussen of Det. 25, 5th Weather Wing here recently returned from Argentina where he was an exchange weather officer with the Argentine National Meteorological Service.

During the CONJEFAMER XII Conference of May 1972, the United States' offer of an exchange of weather specialists with Central and South American countries was discussed and approved. Argentina responded with an invitation to host a USAF weather officer, and definite plans were established for such an exchange in 1973 or 1974. Captain Rasmussen was selected to be the representative because of his current assignment at Howard, his knowledge of the Latin American weather services and their interactions with the United States, and his educational background. He has a bachelor and master of science degree in meteorology.

This was considered an excellent opportunity to work with Argentina, as in 1972 they celebrated the 100th Anniversary of their weather service. During this time they had developed several hundred surface observation sites, 10 upper air sounding stations, radar and satellite analysis capabilities, an extensive teletype and facsimile communications system, and an outstanding record of support to their country and

to World Meteorological Organizations.

Captain Rasmussen arrived in Buenos Aires February 18 and was greeted by Maj. Gen. John G. Wagner, commander USMILGP, and Comodoro (Col.) Jose Eugenio Echeveste, director of the Argentine National Meteorological Service.

The captain spent the first two weeks at the Ezeiza International Airport, which handles all of the international flights to the United States, Europe, and Central America. The next week he travelled to Aeroparque National Airport, which is the center for all of the air traffic within Argentina and to adjacent South American countries. From there he went to the National Meteorological Service. That is the heart of the Argentine weather organization and it consists of the Public Services Office, the Institute of Synoptic Investigations, and numerous other departments. The remaining time was used for trips throughout the country to other meteorological stations and to revisit any of the offices he desired.

During his trip, Capt. Rasmussen said that he worked with an outstanding group of professional men and women. He commented that whether they were taking an observation, analyzing a map, or issuing a forecast, they showed a truly remarkable common dedication, a sincerity to accomplish the job to the best of their

ability. Their observing methods were technically sound and well executed. Also, the forecasting methods were scientifically developed, conscientiously applied, and best of all, quite accurate.

Capt. Rasmussen said he was impressed by several items in their system of operation. He specifically said that he liked the techniques they used in forecasting for Antarctica and he hopes that some of the techniques will be published in the near future. He further stated that a new computerized teletype network will be operational soon throughout the entire country. There is also a full duplex direct link via satellite between Buenos Aires and Washington, D.C. in operation providing a vast amount of international data exchange. In addition to in-country forecast requirements for all civilian and military operations, and radio and TV. They support diversified activities such as Antarctic expeditions and forecasts for shipping as far as 1,000 nautical miles east into the Atlantic.

The captain summed up the experience by saying that "I feel the exchange was extremely beneficial both scientifically and politically. An added benefit was the opportunity to live, work and socialize with the Argentines. It was an experience that I shall always remember fondly. And," he added, "remember their steaks and wine are 'fantastico!'"

## Two AWS officers participate in AMTEX

Captains Glenn C. Ichinose, and William J. Farritor, Jr., of the 20th Weather Squadron, Fuchu AS, Japan, participated in the 3rd AMTEX (Air Mass Transformation Experiment) Study Conference held in Tokyo between May 8 and 10.

The purpose of the conference was to discuss experiences and preliminary results of AMTEX '74 and the planning of AMTEX '75 which is to be conducted in February 1975.

The primary objective of the AMTEX project is to clarify the transfer processes of energy and momentum which are supplied from the sea surface and transported to the free atmosphere through the underlying boundary layer. The project was carried out Feb. 14-28

in the vicinity of Okinawa with the active participation of American, Japanese and Australian scientists.

The Defense Meteorological Satellite Program (DMSP) site personnel at Kadena AB actively participated in the experiment by providing routine on-time DMSP data to the AMTEX Field Operations Center. This data support was heavily relied upon because of its high resolution and versatility. Post analysis support is being provided by the Fuchu DMSP site.

At the AMTEX Study Conference, Captain Ichinose presented a talk on the DMSP data. The purpose of the presentation was to provide basic information on the system to the conferees.

## 5th WW receives AFOUA

LANGLEY AFB, VA - The 5th Weather Wing recently received its first Air Force Outstanding Unit Award. The award was given in recognition of the "exceptionally meritorious service" provided by the 5th WW and 111 subordinate units during the period of July 1, 1971 and June 30, 1973.

The unit qualified for the award by providing superior service to the widely diversified missions of the United States Readiness Command, United States Southern Command, United States Atlantic Command, Tactical Air Command (TAC), Air Force Logistic Command, Military Airlift

Command, United States Air Force Reserve, and the Air University.

In addition, the 16th Weather Squadron, located at Ft. Monroe, VA, provided environmental support to the United States Army Command, which has since been redesignated as Training and Doctrine Command (TRADOC), Ft. Monroe, and Forces Command (FORSCOM), Ft. McPherson, GA.

Col. Leonard E. Zapinski, commander of the 5th Weather Wing and Staff Weather Officer to TAC, accepted the AFOUA during the March 1974 Air Weather Service Commander's Conference.

## AMS officials visit AWS

Two members of the American Meteorological Society (AMS), visited AWS headquarters here recently for a series of briefings on the latest developments in the Air Weather Service (AWS).

Kenneth C. Spengler, executive director of AMS and David S. Johnson, AMS president, discussed their itinerary with Col. (Brig. Gen. Sel.) John W. Collens III, commander, AWS.

Johnson, director, National Environmental Satellite Service, National Oceanic and Atmospheric Administration addressed the Greater St. Louis Chapter of AMS. He told of his trip to meteorological activities in the People's Republic of China.

Spengler, a brigadier general in the Air Force Reserves, is a mobilization assistant to the commander, AWS.



BRIG. GEN. KENNETH C. SPENGLER, and David S. Johnson and Col. John W. Collens chat about their itinerary. (U.S. Air Force Photo)



Col. (Brig. Gen. Sel.)  
John W. Collens III

# Command Line

### What's Our (My) Future?

This single question is the most frequently-asked one of CMS Parish and me during our visits to you people in the field. The question and its answer deserve our attention. All of us want to know where we stand in the course of future events.

One of you said that the Air Force should not be making promises that it cannot keep -- "Madison Avenue Salesmanship" is not the answer. You would rather hear the hard facts, even if they are not rosy. Following are the hard facts concerning you and the Air Weather Service as we know them now:

1. I wish it were possible to state that there will be no change, but change is inevitable due to various national and international influences. Therefore, we must be willing to bend with this change and apply our skills accordingly.

2. Air Weather Service reconnaissance is our most expensive operation. It will be, as it has been for several years now, a frequent target for cost-reduction in an era where the Air Force cannot afford optimum services. Weather reconnaissance requiring the skills that you people in that effort now employ is needed, but how much and by whom are questions that I cannot answer at this time. Rest assured that, so long as there is an atmospheric sampling and tropical storm reconnaissance requirement, the Air Weather Service will fight to have a piece of the action.

3. Our ground weather effort (forecasting, maintenance, observing) is less subject to radical change because it has already been trimmed to the minimum essential. However, as the Air Force shrinks in size and withdraws from various overseas locations, there will be pressures to reduce our management overhead. There is a basic tenet here, i.e., it doesn't take as many people, squadrons, wings, or whatever to manage an Air Weather Service of 7,000 people, as it did one of 12,000. I think it is inevitable that our management structure will shrink further. On the plus side of the ledger, we probably will regain several of our CONUS weather squadron headquarters because the number of direct-reporting detachments in the 3rd and 5th Weather Wings has proven unmanageable.

4. Now to address a more pointed question we get from our enlisted forecasters and observers. We are now in the process of develop-

ing the weather airman career ladder so that each of you observers (or former observers), who has the skill to be a forecaster, can rise to a management position in the AWS. Some officer positions are being converted to NCO forecaster spaces. In addition, we propose to have the top enlisted position in each Base Weather Station become the "Station Chief." This man will, in essence, be the operations officer for his detachment and supervise all its enlisted personnel. Therefore, if you are now a forecaster, you can look forward to non-shift-work positions of leadership in our headquarters and detachments in the future. If you are an observer, you will now have the incentive to go on to forecaster school so that you may vie for a management position in the top three grades in the future. There will be more on this subject coming out in future issues of the OBSERVER as we determine the mechanics of this conversion program. Rest assured that none of you, regardless of grade, age, years' service, or AFSC, are going to be fired in the immediate future. We need all of you now to do the essential forecasting, observing, and NCO management jobs.

Finally, I would like to address the inanimate future. Because of changes in military command and control systems, the cost of doing business, inflation, and a myriad of other challenges, we must not let up in our efforts to improve our services through centralization and automation. If this drive can yield some manpower savings, all the better; however, I assure you that AFGWC will not replace the need for Base Weather Stations. Our goal is to provide better service to the flying and non-flying Air Force from whatever set of facilities and systems we can devise. We will be traveling two roads simultaneously, i.e., expansion and improvements in centralization, as well as modernization of our Base Weather Stations to relieve them of non-productive chores. This will call for even greater reliance on AFCS control-tower operators to aid us in our weather-watch.

### What's Our (My) Future?

If we are willing to adapt to change, every skilled and dedicated member of the Air Weather Service will find his niche in our service or elsewhere in the Air Force for those whose skills become surplus to our in-house needs. That's telling it like it is.

# Weather Whys??

Weather Whys?? is a regular feature of the Air Weather Observer. The questions come from you and the answers come from the Air Weather Service commander and his staff. If you have a question, send it to Commander, Air Weather Service, Scott AFB, Ill. 62225. Each question will be answered; however, all of the questions and answers may not be published in the Observer because of space limitations.

**Q:** I'm a Sgt (E-4) observer and would like to volunteer for Forecasters School. AFM 50-5 does not prohibit me from submitting on AF Form 299 but, from what I hear, AWS does. Why does the AWS policy differ from the AF policy?

**A:** First, I have no objection to Sgt (E-4) forecasters in AWS AND I don't believe the AWS policy differs from the Air Force's; if it does, rest assured it will be changed. However, the system must continue to be selective with all candidates and we must be reasonably assured that such factors as retention, career intentions, and appropriate past performance records continue to have a bearing on selection. Briefly, I don't want us spending AF dollars to train E-4s unless they intend to stay with us until retirement; maturity is absolutely essential; and a commitment to the AF image must exist. One final note-- This is a change in the AWS philosophy and we will have to place more and more reliability on the commander's recommendation contained on the AF Form 299. (Related question follows)

**Q:** Sir, I recently heard that an AWS letter was in the field assigning quotas for the Forecasters School. To me, this means observers will be sent to the school as non-volunteers. Any truth in this and, if so why?

**A:** Yes, there is a letter which assigns a Forecasters School quota to each wing, and SSgt observers will be sent as non-volunteers. However, a temporary hold has been placed on the AWS letter -- it will be reissued by MAC. I am truly sorry that we have had to revert to a non-volunteer process to fill the school allocations, but the present manning in the forecasting field, coupled with projected vacancies, leaves us with no other choice unless the right kind and numbers of E-4s apply. Also, consider this: The airman weather career field stands on the threshold of change. A single weather career ladder is probable wherein forecaster-trained observers (or observer-trained forecasters, if you like) will be the operational managers of our base weather stations. Forecaster-trained observers probably will be running things at many of our stations. And people who run things get the stripes that go with such supervisory responsibility.

**Q:** I'm a TSgt observer and would like to apply for ANG advisory duty. Do vacancies exist and how can I volunteer?

**A:** Yes, vacancies exist now and you can volunteer for this duty by submitting an AF Form 109 in accordance with AWSR 39-1. Remember, if you're overseas, make sure you submit an application before you get a CONUS assignment.

## AIR WEATHER SERVICE OBSERVER

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COL. (BRIG. GEN. SEL.) JOHN W. COLLENS III  
Commander, Air Weather Service

ALBERT H. SWIHART  
Editor

## Swap List

The following AWS personnel have indicated a desire to swap assignments with another individual in the same AFSC:

25251 - Sgt. Michael B. Miller, Duluth I.A.P., MN (25 Fox-tail Ave., Proctor, MN 55810) wants to go to Shaw AFB or Myrtle Beach AFB, SC.

25251 - Sgt. Michael B. Miller, Duluth AFB, MN (25 Fox-tail Ave, Proctor MN, 55810) wants Shaw AFB, Myrtle Beach AFB, or Charleston AFB.

70250 - A1C Berry L. Ferguson, Offutt AFB, NE (P.O. Box 375, Plattsmouth, NE 68048) wants Wright-Patterson AFB, OH.

70250 - Marc N. Precourt, 6th WS, Tinker AFB, OK wants Pease AFB, NH.

## Swap List

The Observer Airman Assignment Exchange list is designed to serve Air Weather Service personnel. The eligibility rules for exchanging assignments are contained in AFR 39-11. If you meet the criteria and would like to swap, fill in the coupon and send it to AWS/CMS, Scott AFB, Ill. 62225.

Present Wing: (Circle One)  
1 WW 2 WW 3 WW 5 WW 6 WW 9 WW

Name: \_\_\_\_\_ Rank: \_\_\_\_\_  
(Last, First, MI)

CAFSC: \_\_\_\_\_

Present Base: \_\_\_\_\_

Mail Address: \_\_\_\_\_

Want to go: \_\_\_\_\_  
(Base)

# ENLISTED LINE

by CMSgt. Sam Parish

I have just completed a visit to the 6th Weather Wing and subordinate units around the Andrews AFB area. It was a very refreshing and worthwhile visit. Many questions were asked and many answers given -- some, the individuals did not like -- but the point is, the person was interested enough to ask.

At many units, individuals have questions but are hesitant to ask them due to some inner feeling of embarrassment to themselves or to the person at which the question is directed. This should not be the feeling at all -- if you have something that is bothering you, share it with someone -- preferably your supervisor first. Many times this is all that it takes to resolve a problem or a bothersome area. Too many times, we have a ten-

dency to silently knock the System, Higher Headquarters, etc., when, if a simple question were asked, the background and reasoning behind the irritant would come to light. So, supervisors, please don't put your people down because they ask what you consider a naive question. To them it's important and providing them with a forthright answer could save many headaches.

While at the 6th Wing, I was fortunate enough to participate in an Air Force Dining-Out given by the enlisted personnel in honor of their departing Wing Commander. The Dining-Out was well organized and I enjoyed myself immensely. My thanks, guys and gals, for the invitation. The occasion showed Colonel Potter and me what a true group of professionals you really are.

## Pearls from the Palace

Lt. Col. David E. Smart

In the past few months, several weather officers have expressed a desire to perform duty as Aerial Reconnaissance Weather Officers (ARWOs), DAFSC 2534; however, due to a recent reduction in ARWO authorizations, there have been very few requirements for new ARWOs. It is expected that some openings will exist after February 1975.

There are presently a total of 52 authorizations for officers (majors and below) in DAFSC 2534 in the Air Force. Thirty-nine of these require aircrew duty and are distributed within the 9th WRWg. as follows: 55th WRSq., McClellan AFB, CA - 8; 54th WRSq., Andersen AFB, Guam - 17; 53rd WRSq., Keesler AFB, MS - 14. Additionally, there are three staff reconnaissance officer positions in Hq. 9th WRWg., McClellan AFB, CA. The remaining ten jobs, all requiring ARWO experience, are

located in the following units: OL G, Hq. AWS, Coral Gables, FL - 4; Hq. AWS/AO/LG, Scott AFB, IL - 2; MAC/IG/XP, Scott AFB, IL - 2; Hq. 5th WWg., Langley AFB, VA - 1; 3363 Inst. Sq., Chantute AFB, IL - 1.

In order to better track those officers desiring reconnaissance duty, Change 4 to AFM 36-20, Officer Assignments, classifies ARWO duty as a Special Duty Assignment (SDA). This means that ARWO volunteers should indicate their desires in the SDA section of AF Form 90, Career Objective Statement, (Blocks 33-35) and process the AF Form 90 through their supporting CBPO. The SDA application will remain on file for up to three years or until such time as the applicant is determined to be ineligible or unavailable or the officer withdraws the application. For exact details, refer to AFR 36-20(C4), para 8-25.

# AWS congratulates top NCOs

EDITOR'S NOTE: Last month we published a partial promotion list and promised the remainder this month. However, because the computer was ill at press time we are able to provide another partial list. As soon as the computer comes off sick leave, we'll give you the remaining names. This list is MSgt. to SMSgt. promotions.

### 25291 - Observers

|                         |               |
|-------------------------|---------------|
| Armenta, Concepcion V.  | Det 25, 5 WW  |
| Brannon, William L.     | 10 WS         |
| Brooks, Jackson I.      | HQ AWS        |
| Brown, Ernest M.        | Det 6, 12 WS  |
| Buzard, David L.        | Det 17, 20 WS |
| Dansby, John H.         | Det 21, 6 WW  |
| Drake, Marvin L., Jr.   | RFTA          |
| Gorski, Jack            | RFTA          |
| Mays, Charles W.        | 6 WS          |
| Scoggins, Larry D.      | 55 WRS        |
| Smith, Herbert F.       | GWC           |
| Turner, William E., Jr. | Det 18, 5 WW  |
| Worster, Lloyd R.       | RFTA          |
| Workman, William G.     | Det 2, 5 WW   |

### 25390 - Forecasters

|                    |              |
|--------------------|--------------|
| Bailey, Charles W. | Det 18, 3 WW |
| Bailey, David C.   | ETAC         |
| Barton, Gilbert D. | Det 7, 15 WS |
| Blunt, Jerry D.    | GWC          |
| Book, A. J.        | Det 1, 16 WS |
| Chadwick, James T. | Det 20, 3 WW |
| Corby, Elmer S.    | Det 4, 16 WS |
| Cropper, Marron C. | Det 10, 5 WW |
| Dambacher, Al E.   | 2 WW         |

|                       |               |
|-----------------------|---------------|
| Gault, John W.        | Det 6, 3 WW   |
| Gowan, Jerome D.      | 2 WW          |
| Griffith, Sam R.      | Det 15, 20 WS |
| Kist, William B.      | 6 WW          |
| Lee, Charles E.       | HQ AWS        |
| Maier, Leland K.      | Det 18, 5 WW  |
| Marquette, Arthur W.  | Det 24, 3 WW  |
| Melson, Charles T.    | Det 23, 3 WW  |
| Mosley, Richard D.    | Det 16, 31 WS |
| Orlando, John R.      | Det 30, 10 WS |
| Patterson, Richard J. | Det 4, 15 WS  |
| Pickett, Donald L.    | GWC           |
| Smith, Roland L.      | Classified    |
| Stanfield, Billy W.   | HQ AWS        |
| Stoltz, Loren M.      | Det 13, 3 WW  |
| Tillung, Irving A.    | Det 26, 3 WW  |
| Weir, Elmer C.        | Det 6, 5 WW   |
| White, Thomas E.      | GWC           |
| Witt, Roy E.          | Det 11, 16 WS |
| Yeoman, Paul K.       | Det 23, 24 WS |

### 30291 - Maintenance

|                        |               |
|------------------------|---------------|
| Dyal, James R.         | 11 WS         |
| Jackson, Glen K.       | Det 1, 31 WS  |
| McWilliams, Douglas E. | OL D, 12 WS   |
| Petersen, Norman A.    | Det 1, 2 WW   |
| Ryan, John F.          | Det 17, 20 WS |

### 302X1

|                   |        |
|-------------------|--------|
| Magee, Larry W.   | HQ AWS |
| Nixon, William H. | 58 WRS |
| Webb, David F.    | 53 WRS |

### 511X0

|                 |     |
|-----------------|-----|
| Luigi, Enasteen | GWC |
|-----------------|-----|

# Aviano Det. 7. receives award

AVIANO AB, Italy -- Detachment 7, 31st Weather Squadron here has been awarded the 1973 Williams Award for the best weather unit in the Air Force.

The citation accompanying the award noted the unit's aggressiveness in tackling weather problems affecting flying safety and tactical mission.

Professionalism is the key word for the unit, according to the nomination letter from Col. Robert S. Wood, commander of the 2d Weather Wing at Ramstein AB, Germany. "The detachment has attacked successfully the challenges of command, Italian - American relations, cost effectiveness, training and retention," he wrote.

Commanded by Capt. Joseph Silva, the detachment consists of ten observers, five forecasters, four maintenance men and an administration clerk.

To win the award, a unit must perform as a "weather station" with a weather observing, forecasting or briefing function.

Every section chief in the unit was individually recognized for



CAPT. JOSEPH SILVA, commander, Det. 7, 31st Weather Squadron, smiles with approval on receiving the 1973 Williams Award from Col. Robert L. Miller III, commander, 40th Tactical Group at Aviano AB. (U.S. Air Force Photo)

outstanding performance during the year. MSgt. Raymond Kowrach, chief forecaster, was named the Top Three Noncommissioned Officer of the Quarter for the 2d Weather Wing; TSgt.

John Steffen was rated 1973's top Observer Supervisor in the 31st Weather Squadron; and TSgt. Frank Legg was Maintenance Man of the Year in the 31st Weather Squadron.

## Personnel Shorts

Do you know that:

- \* Our comment in the June 74 Observer concerning loss of propay was incorrect? Certain AFSCs will lose propay; however, according to Change 1, Attachment 2, AFR 39-45, forecasters and observers are not included. Their propay is still scheduled for termination at the end of December 1974.

- \* AWS still is in need of volunteers for forecasters school? To apply, use AF Form 299 and submit through your local CBPO.

- \* An emergency change has been issued to AFM 39-10 and 39-12 which adds a new discharge provision for minimally limited potential airmen?

- \* The USAF Senior NCO Academy Selection Board meets on 29 April 74 at Hq. MAC?

- \* The person who starts many things finishes few of them, and only those who do nothing make no mistakes?

- \* Even though you are overseas on an accompanied tour, your are eligible for an involuntary consecutive short tour?

- \* First-term reenlistments are no longer automatic? A reservation must be made -- See your Career Advisor about CAREERS.

- \* The Palace Chase program for enlisted personnel has been reopened for FY75?

- \* Airmen desiring to leave the service early but who are ineligible under traditional criteria may not apply for miscellaneous reasons? See AFM 39-10, para 3-80.

- \* The USAF Senior NCO Academy Selection Board has re-

leased the selectees for FY75? AWS fared extremely well!

- \* A slight change has been made in the non-CONUS resident assignment policies? Check with your CBPO on MPC msg 131340Z May 74.

- \* If you fly commercial to the MAC NCOA, Air Force taxi service is available from Ontario, CA, to Norton AFB? To arrange, advise the NCOA of your arrival time and flight number.

- \* A supplemental E-8/E-9 Promotion Board has been held and the results will be released momentarily?

- \* Enlisted personnel on flying status will not normally be involuntarily removed from flying duty with less than 120 days' notice?



SHELBYVILLE, IN -- A1C Vicki R. and A1C Dennis R. Mullen became the first married couple to join an Air National Guard Weather Flight when they joined the 207th Weather Flight here in December. They are weather observers. Vicki joined the National Guard Flight from Det. 9, 12th Weather Squadron, Tyndall AFB, FL. The 207th trains and provides weather support for the 38th Division, Indiana Army National Guard. (U.S. Army National Guard Photo)

# Det. 30. 6th WW operations vast, diversified

In order to adequately describe the mission of the personnel at Detachment 30, 6th Weather Wing, two words are essential: vast and diversified.

The area of interest is indeed vast, since Vandenberg AFB covers nearly 100,000 acres. Furthermore, meteorological services are provided for the Western Test Range which extends over 4,000 miles into the Pacific Ocean.

The jobs accomplished by Detachment 30 personnel are very diversified. Since Vandenberg has both missile and flight operations, the service provided must be tailored for the specific mission. Here is a closer look at the personnel and the jobs performed by Detachment 30.

## MISSILE SUPPORT

The primary mission of Detachment 30 is support of missile operations. Col. Malcolm E. Gosdin, commander of Detachment 30 serves as staff meteorologist to the 1st Strategic Aerospace Division (ISTRAD) and the Space and Missile Test Center (SAMTEC).

Over the course of the years Detachment 30 has supported hundreds of missile operations, providing launch area observations, both surface and upper air, launch and downrange forecasts, and continuous monitoring of significant weather phenomena.

During a launch a staff meteorologist is assigned to coordinate support. He provides a weather briefing at the launch readiness review on the weather and support status, followed by on-station support during the final countdown to launch.

A team of observers is assigned to collect data essential for the operation, while a duty forecaster is prepared 24 hours per day to assist the staff meteorologist in monitoring and forecasting weather phenomena for the range.

## BASE WEATHER STATION

As in most weather detachments the backbone of the unit is the base weather station. Detachment 30 provides weather observations and forecasts for Vandenberg, supporting flight operations for the 4392nd Aerospace Support Group and Detachment 8, 37th Aerospace Rescue and Recovery Squadron. In addition to the normal duties of a base weather station, Detachment 30 forecasters and observers assist in meteorological support of the missile operation such as forecasting and monitoring weather conditions for launch sites and downrange and preparing potential toxic advisory forecasts.

In order to perform his diversified tasks, the forecaster has at hand an SDS 930 computer, an integral part of the Weather Information and Display System (WINDS), for monitoring local meteorological parameters; a GRK-4 unit for tracking satellite passes on a real-time basis; FPS-77 and TPQ-11 radars; as well as the equipment common to other weather stations. Surface observers man two locations; The Representative Observations Site (ROS), located in the Control Tower, during hours of flight operations, and the Environmental Support Center on a 24 hour per day basis assisting the forecaster.

## UPPER AIR OBSERVATIONAL NETWORK

Another interesting feature at Vandenberg is the Upper Air Observation Section. This unit is a joint effort of both Air Weather Service and National Weather Service personnel under the direction of Paul Moore. As a part of the synoptic network, they launch two rawinsondes daily.

This unit is consistently one of the top five units for rawinsonde performance out of approximately 125 such units located around the world. In addition to synoptic data this unit also assists with special rawinsonde runs during missile operations.

## IONOSPHERIC SOUNDER SECTION

The ionospheric sounder at Vandenberg is the only system of its kind in Air Weather Service. Under the direction of J. DeGregorio this section observes ionospheric parameters then reports the data to the Air Force Global Weather Center, (AFGWC) through a dedicated teletype network. This data can then be used to construct electron density profiles which are important for calculating radar refractive indices and to assist in the operation of high frequency radio communication. In the past this data was important also in supporting the Apollo missions. Currently DeGregorio is in the process of readying a Granger Ionosonde for 24 hours per day real-time observations. In the past, night observations were stored on film.

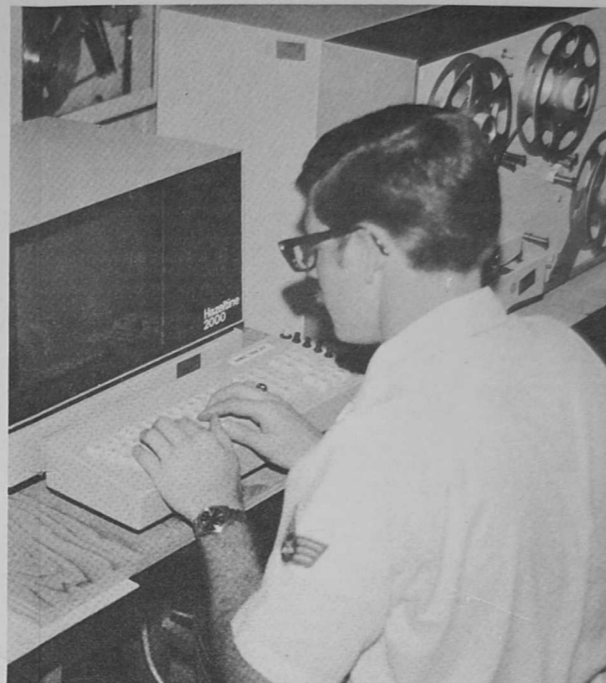
## MAINTENANCE

With such diversified functions, Detachment 30 has a wide variety of instruments that need to be maintained and supplied. Personnel in the Maintenance and Material Control Section insure that the equipment is in proper working order.

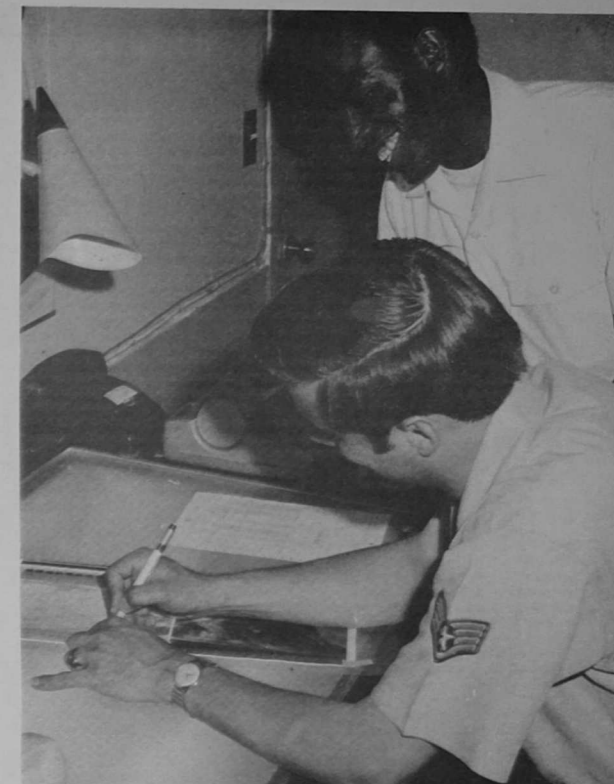
## CANTON ISLAND (OL-A)

Detachment 30 also has personnel assigned to an operating location at Canton Island (OL-A). The mission of OL-A, like its parent organization, is to assist the Air Force Western Test Range with meteorological and aerospace environmental services. Capt. Chester V. Wilda Jr. and his seven men provide three-hourly surface observations, one synoptic upper air observation daily, forecasts 12 hours per day, in addition to supporting the range during missile operations.

So as you can see the mission of the personnel at Detachment 30 is vast and diversified. Their record of performance indicates that they accomplish this mission very well.



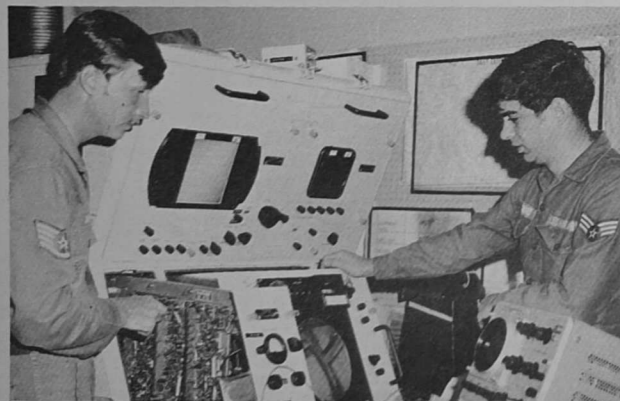
SGT. DAVID HOGAN, weather forecaster, inputs data for a potential toxic area forecast into the Cathod Ray Tube display unit of the SDS 930 computer.



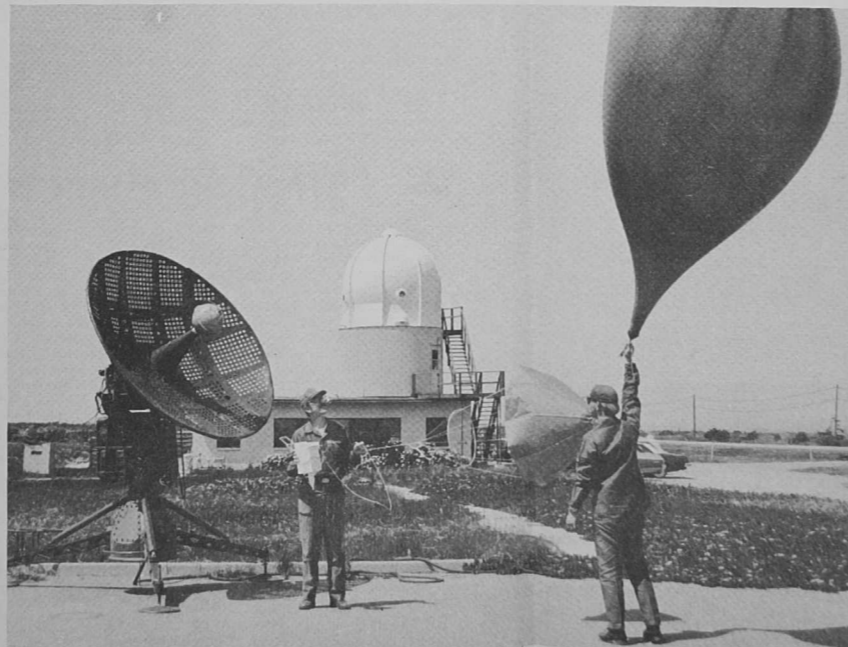
SSGT. ED ARRANCE, (front) missile support observer, and SSGT. George Knight, missile support observer NCOIC, grid a satellite photo.



CAPT. WILLIAM WILSON, chief forecaster, briefs a pilot on the closed circuit television as SSGT. Ralph Schantz, weather forecaster, checks data.



SSGT. DANNY HACKETT, weather equipment repairman, makes a critical adjustment on the FPS-77 radar as Sgt. Duane Chaves, weather equipment repairman, observes the changes on the Planned Position Indicator.



SGT. BRUCE LINTON, upper air observer, holds the rawinsonde package while Sgt. Monty Zachary, upper air observer, prepares to release balloon during a synoptic rawinsonde run. The GMD-1 (far left) will track the rawinsonde during its flight.

Story by

1st Lt. David R. Smith

Det. 30. 6th WW

U.S. Air Force Photos

by SSGT. Gary Hanson

1369th Photographic Squadron



SGT. RAY TILLERY, missile support observer, tracks overhead satellite pass on GKR-4.



A1C BENITA BROWN and Sgt. Bruce A. Madden. (U. S. Air Force Photo)

## A1C Brown envisioned herself as medic

by Sgt. Zerrin Langer  
ANDREWS AFB, MD -- When A1C Benita C. Brown first visited her recruiter in Genoa, IL she envisioned herself to be soon wearing a white uniform in some Air Force hospital. Instead she is learning to care for the mechanical instruments which help predict and monitor the weather conditions here. Airman Brown recently arrived here at the 6th Weather Wing's base weather station after completing 30 weeks of weather equipment repair technician school at Chanute AFB, IL.

She became eligible for the weather repair field when her test scores revealed a high aptitude for electronics. "The scores surprised me," Brown said. "My part time job in high school probably helped. I sold wires, plugs and tubes and learned some electronics terminology."

Whatever helped make electronics her strong suit, Brown said she is satisfied with her choice of Air Force jobs. "I wanted the medical field so I wouldn't be stuck at a desk all

the time," she said. "I like to work outdoors, too, and weather equipment repair lets me do that."

Brown said her parents expressed some doubt as to her ability to complete the weather repair tech school. But a 17-week general electronics training included in the course enabled her to repair the family's electric clock when she was home on leave.

Currently she is participating in on-the-job-training (OJT) status at the weather station. To learn all facets of the job, she accompanies repairmen whenever they have major work. That means that she also comes to work whenever the after duty hours on-call man is summoned.

"Whenever I have an idea about work, I let them know," she said. "I've made two suggestions so far and one of them worked."

"She's good," said Sgt. Bruce Madden, her training supervisor. "She's just out of tech school, but there's no difference in her work than a man's with the same training."

## WOULD YOU BELIEVE . . .

Det. 15, 15th WS, Wright-Patterson AFB, OH received an overall "Excellent" rating for its effort in supporting a full-flying ORI of SAC's 17th Bomb Wing.

Maj. Harold D. Woods, Hq., 1st WW, received a diploma of graduation from the Air War College Correspondence Program. Maj. Woods is chief of the Scientific Services Branch, 1st WW.

Capt. Chester V. Wilda, commander, OL-A, Det. 30, 6th WW, Canton Island Airport, Phoenix Islands received the Air Force Commendation Medal for meritorious service as a member of the Environmental Data Systems Unit of the AFGWC during the period from June 1, 1969 through June 7, 1973.

Eleven of 31 of the members of Det. 9, 16th WS, Ft. Rucker, AL were recently recognized for awards during a single ceremony. A1C Michael Clemons earned the SPPP and promoted to Sgt.; A1C Paul Hudspeth was promoted to sergeant; Sgt. Charles Kelley was awarded the Air Force Good Conduct Medal, (AFGCM) TSgt. William I. Willis was selected for master sergeant, awarded the Bronze Star and AFGCM; Maj. James M. Smith was awarded the Air Force Meritorious Service Medal and Air Force Air Medal (6th Oak Leaf Cluster); MSgt. Walter B. Johnson was awarded the Air Force Commendation Medal (1st OLC) and retired after almost 28 years of service; 2nd Lt. Kenneth L. Crom, selected for 1st Lt.; TSgt. Ronald T. Cook earned a bachelor of science degree; Sgt. Randall D. Ravasio was selected for Officer Training School, Sgt. Dennis L. Harrington was selected for Airman of the Quarter; Sgt. George E. Brouillette received the AFGCM.

TSgt. Robert L. Tuller, course supervisor of the Weather Chief Observer Course was instructor of the month at Chanute for the month of May.

TSgt. George M. O'Brien, forecaster at Det. 19, 16th WS, Ft. Stewart, GA, received the Air Force Commendation medal for meritorious service in support of B-52 combat operations in Southeast Asia.

Mrs. Dorothy Yoshikawa, Mrs. Dee Scott and Mr. John D. Newhouse received Air Force Outstanding Performance Ratings at Hq., 1st WW, Hawaii. Mrs. Scott also earned the Dept. of the Air Force Special Achievement Award.

Col. Malcom E. Gosdin received a plaque in recognition for his four years of outstanding support to the Space and Missile Test Center from Maj. Gen. Herbert A. Lyon. Gosdin was assigned to Det. 30, 6th WW at Vandenberg AFB, CA at the time.

Sgt. Stephen L. Garrett, Takhli RTAFB, was named NCO of the Quarter of the 10th Weather Squadron. He is a member of Det. 12 here.

Sgt. David J. Cockrell, weather observer at

Det. 16, 3d WW, Dyess AFB, TX, was named honor graduate of his class at the MAC 22nd AF NCO Leadership School.

Col. Wilson J. Boaz received the Meritorious Service Medal for outstanding service as assistant deputy chief of staff/personnel, deputy chief of staff/personnel and assistant deputy chief of staff/operations at Hq., Air Weather Service from September 1969 to December 1973.

Lt. Col. John V. Quinn, 16th WS operation officer and 1st Lt. Michael W. Sprague, administration officer were awarded masters of education degree, with emphasis in guidance and counseling by the College of William and Mary. The 16th WS is at Ft. Monroe, VA.

TSgt. Thomas A. Christian, supply NCO at the 16th WS, Ft. Monroe, VA, was presented the First Oak Leaf Cluster to the Air Force Commendation Medal, during his retirement ceremony May 31. He retired with more than 22 years of service.

Lt. Col. Juri V. Nou and Capt. Jo Sindelar were married May 11 at Davis-Monthan AFB, AZ. Colonel Nou is assigned to AFGWC, Offutt AFB and his wife expects to be assigned to the hospital there.

Sgt. David P. Debroskey, an observer at Det. 14, 12th WS, Richards-Gebaur AFB was recently graduated second in his class of 56 from the 21st AF MAC NCO Leadership School at Dover AFB, DE.

TSgt. James R. Burrell, Reserve Forces Technical Advisor to the 126th Weather Flight, Milwaukee ANG, recently entertained 245 4th, 5th, and 6th graders of the Nathaniel Hawthorne Elementary School with a brief talk about weather and a presentation of the film, "The Unchained Goddess." Burrell frequently works with the DO of the 126th ARRS in organizing tours of the base.

TSgt. Johnnie W. Weems was presented the Bronze Star for meritorious service while assigned as a weather forecaster technician at DaNang Airfield, Republic of Vietnam and Ubon Royal Thai AFB, Thailand. Weems is currently assigned to Det. 22, 24th WS, Keesler AFB, MS.

TSgt. Joseph M. Rhodes, 3d WW/DP received the 2d Oak Leaf Cluster to the Air Force Commendation medal. Sergeant Rhodes is now attending the University of Nebraska studying business administration under the Airman Education Commissioning Program.

SMSgt. John J. Sauer retired June 1 ending more than 28 years of service. At the time of his retirement, Sergeant Sauer was assigned to the Defense Intelligence Agency. He received the Joint Services Commendation Medal for his service with DIA.

## Data Reference Section files volumes of data

DRAWDOWN! Austerity! Inflation! Economize! Do more with less! Such exclamations and statements have become a way of life for AWS.

It's a well-known fact that "avalanches roll downhill", but eventually, without fail, reach a final destination point -- a point where the "buck stops." Within AWS, the final destination for requests for climatological data and information, either in published, unpublished, or summarized form, is usually the Data Reference Section of the Climatological Services Branch within the USAF Environmental Technical Applications Center (USAFETAC). Its resources include voluminous files of raw and textual information, as well as over 7,500 varied-types of summaries, i.e., N-Summaries and RUSSWOS. In addition, special climatic summaries can be requested from USAFETAC/OL-A, if justified.

The Data Reference Section

is ably headed by AWS's "Mr. Climatology" himself, Albert A. Karpovich, a veteran of 32 years in the climatic data game both with NOAA and the Air Weather Service. "Karp," is a prime example of one who really and truly enjoys his work. No matter how complex or simple the request, he gives each one the VIR (Very Important



Karpovich

Request) treatment. Ably assisted by SSgt. Harold W. Payne and Sgt. William P. McCorvey, Mr. Karpovich's section fulfills requests ranging from simply supplying the average monthly temperature at a specific locale to the more complex formulation of specialized summaries for preparation at USAFETAC's OL-A in Asheville, N.C.

Responding to the impact of the drawdown on wing and squadron climatological support offices, USAFETAC's commander, Col. Robert M. Gottuso, directed that an operational procedure be initiated whereby meteorological information could be provided telephonically on a "fast-response" basis. Almost immediately, the Mid-East crisis promoted the formation of USAFETAC's MASH (Meteorological Applications Support Headquarters) (see "AWS gets MASH" in the December 1973 AWS Observer).

Once the Mid-East crisis

passed, it was decided that the quick-response capability of the MASH operation should remain on a day-to-day basis. Although every section within USAFETAC participates in "fast-response" to a certain extent, it is the Data Reference Section that bears the brunt of the work. For example, the section's monthly receipt of telephonic requests has increased from an average of 47 during the first quarter of CY73 to 72 during the first quarter of CY74. Undaunted, Karpovich and his assistants have forged ahead to answer many new and diverse types of requests. For instance, the National Security Agency (NSA) recently needed several complete days of hourly observations for Aberdeen Proving Grounds, Phillips AAF, MD. On another occasion, a division within Hq. AWS needed to know the availability of Northern Hemisphere surface and upper-air charts for 20 selected dates during 1968-1972. The

request, in support of the Map Typing Project, covered an area which included Spain and England. It was known that such maps were not available within AWS inventories, so Karpovich went to the NOAA Atmospheric Sciences Library, searched their holdings, obtained copies of the maps, and promptly mailed them to AWS. His tact and diplomacy, resulting in the highest degree of mutual cooperation between USAFETAC and other agencies throughout the years, were the key ingredients in the procurement of the required maps.

Austerity is certainly here to stay -- at least for the foreseeable future. As operational commitments steadily increase, AWS detachment forecasters, STAFFMETS, and "headquarters types" alike should keep USAFETAC's fast-response capability in mind for either general or tailored climatological information. As Karpovich says, "We can help ease the pain."

## College scholarships open

The most recent Air Force program to provide additional opportunity for airmen and enlisted women to earn commissions is the Air Force Reserve Officers Training Corps (AFROTC) airman scholarship and commissioning program (ASCP). It allows qualified active-duty airmen to receive scholarships to attend a college or university of their choice which offers AFROTC. Those selected are discharged from active duty and enlisted in the Air Force Reserve, and upon completion of degree and AFROTC requirements are commissioned in the Air Force.

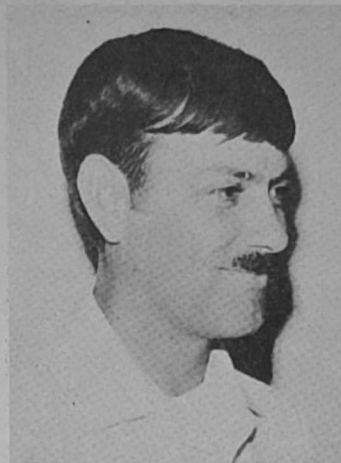
Selection is based on the individual's qualifications and Air Force needs. Presently, applications are limited to those who can qualify for duties as either rated, missile or scientific/engineering officers. Since present policy restricts women from combat roles, their eligibility is limited to the scientific/engineering areas.

The scholarships are for two

to four years, depending on the amount of college work required to earn a baccalaureate degree and complete AFROTC commissioning requirements. All scholarships provide financial assistance covering normal tuition, fees, laboratory expenses, books and a subsistence allowance of \$100 per month during the academic year.

Four-year scholarships are limited to students who are interested and qualified to attend pilot or navigator training after completing AFROTC.

Three-year scholarships are limited to potential pilots and navigators, and to students enrolled in the following scientific and engineering fields: aeronautical engineering, aerospace engineering, architectural engineering, architecture, astronautical engineering, civil engineering, computer science, electrical engineering, industrial engineering, mathematics, mechanical engineering, and meteorology.



SSgt. Silliman



Sgt. Lepkyj



MSgt. Dansby

EDWARDS AFB, CA -- Three members of Detachment 21, 6th Weather Wing, recently received awards during a ceremony conducted here. SSgt. Bruce D. Silliman, NCOIC of the Rawinsonde Section received the Oak Leaf Cluster to the Air Medal and the Air Force Commendation Medal. He received the awards for aerial reconnaissance work in Southeast Asia.

Sgt. Leo J. Lepkyj, a maintenance repairman, was named Outstanding Airman of the First Quarter of 1974. MSgt. John H. Dansby, chief observer, received the 1973 Air Weather Service Observer Supervisor Award. He was named for the award for his performance as chief observer and first sergeant of the detachment. (U.S. Air Force Photo)



TV PERSONALITY Miss Dorsee Bennett discusses a Tropical Depression (TD) on a TV weather show. The surface wind of the TD which

was 90 miles southeast of Guam appeared clearly on TV. (Photo by Mark Frew courtesy of KUAM)

## Det. 1, 1st WW works parttime TV

NIMITZ HILL, Guam -- The Defense Meteorological Satellite Program (DMSP) site of Detachment 1, 1st Weather Wing located here is involved in what might be called part time TV production.

Each evening, five days each week, the most recent DMSP pass covering Guam is seen on the local television station, KUAM. The public service, instituted by the site on Nov. 12, 1973 has become a very popular feature of the evening weather with Miss Dorsee Bennett.

Positive transparencies are made available to the station with KUAM reimbursing the site directly by providing the required film. A forecaster on duty proposes a script which includes time of the satellite

pass, significant geographical features generally circled and labeled, and significant meteorological and/or environmental features. The latter frequently includes tropical cyclones; fronts, which the people of Guam have difficulty appreciating because of their tropical location at 13.5 degrees north; and on occasion volcanic plumes or even snow capped Mt. Fuji in Japan.

Miss Bennett, a local resident who teaches remedial reading in the elementary school system, has visited the site on several occasions in order to learn more about DMSP data. Recently when Guam was threatened by Tropical Storm Carla, a DMSP photo was released to the morning paper along with the Navy's Fleet

Weather Central description of the storm.

While providing this public service, the Guam site's primary responsibility is to support the Joint-Typhoon Warning Center. In this capacity it acts as the hub for the Western Pacific Selective Reconnaissance Program SRP Network.

At present there are four officers assigned to the site. Maj. Charles P. Arnold, the site officer-in-charge, is aided by Captains Charles C. Olsen, Frank H. Wells, and Tom Deemer. Together these officers manage the SRP network and conduct an aggressive technique development program towards improving satellite derived tropical cyclone positions and intensity estimates.

## Hurricane Hunter honored at Keesler

KEESLER AFB, MS -- Capt. Donald W. Pittman, operations staff aerial reconnaissance weather officer in the 53rd Weather Reconnaissance Squadron, was selected as the Junior Officer of the Quarter here recently.

In his crew duties as Squadron Recon Weather Officer (ARWO), Captain Pittman has accomplished a long list of achievements since arriving at Keesler in July 1973.

Among his accomplishments was the establishment of a set of inflight quizzes for the squadron ARWO standardization program, and the refinement of the squadrons communicative system to include a VHF and UHF radio system, a set of maintenance vehicle radios, a teletype link to the National Hurricane Center, and a system of base telephones.

Captain Pittman accrued an impressive total of 11 hurricane penetrations during the latest storm season. He also flew on a special support mission for the U.S. Air Force Thunderbirds last year.

He helped establish the new weather minimums for Keesler's runway while it is under construction. In his additional duty as a mission scheduler, Captain Pittman is the only non-pilot accomplishing this additional duty.

Captain Pittman is also active in community affairs. He is a member of the First Baptist Church of Ocean Springs, MS, and devotes many hours in support of church sponsored activities. He is also a committee chairman for a local Cub Scout pack, and has spent many hours working with the young boys in the local area.

## 3 WW officer talks to peace officers

OFFUTT AFB, NE - Lt. Col. Gene Sands, chief of the 3d Weather Wing Weather Support Unit here presented a talk to the five-state Peace Officer Association Conference at Tucumcari, NM, April 25 and 26.

The association consists of Department of Public Safety officials from Texas, Oklahoma, Kansas, Colorado and New Mexico.

The main subject of discussion was tornado forecasting and detection. Tornado statistics, precautions that can be taken, and a film of the Dallas tornado were presented also.

Department of Public Safety personnel play a big role in spotting tornadoes and notifying the civilian community during periods of severe weather.

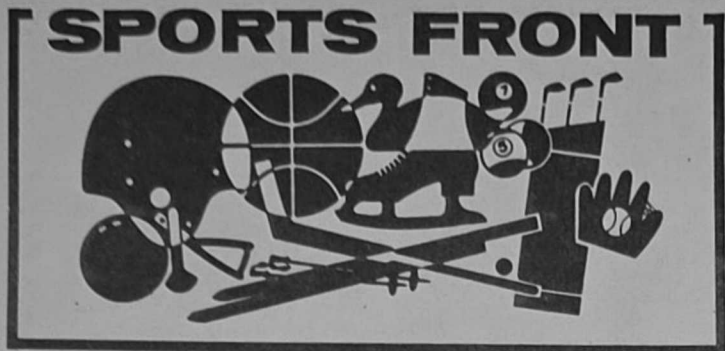
Enroute to the conference, Colonel Sands spoke to a group of public safety officials and local designated weather spotters from Guymon, OK. He explained how the Weather Service supports the nation in coopera-

tion with the National Weather Service in severe storm detection and forecasting.

Both groups expressed their appreciation to Colonel Sands.



Lt. Col. Sands



### NCOs victorious

The annual 20th WS softball game between the officers and NCO was held recently at the Tama Recreation Center near Tokyo. The officers coached by Bill Smurro, quickly moved into a 2-0 lead. This held until the bottom of the second when the NCO's supplemented by two 1st WW guests, identified only as Tucker and Mr. Newhouse, blasted into the scoring column. Homeruns by Gary Ruegg and Don Farrington and two out-of-the-park doubles by Rudy Smith firmed the NCO's position. The officer, even with a triple by Cook Leutywler, could not recover the lead and the final score was NCOs 13 - Officers 4.

### Det. 15 second again

For the second year in a row the kegglers of Det. 15, 15th WS have rolled to a second place finish in their intramural bowling league. Results of the Base Championship Roll-offs left them with a fourth place-finish which is undoubtedly a fine achievement for a unit with only 19 assigned military on a base as large as Wright-Patterson. Team members were Bobby Higgins, Frank Latona, Richard Wolley, Steve Mekis, Larry Swaney, Robert Dodson and Rich Uliskey.

### Soccer playoff

Weathermen Dan Scarry and Lee Elkins recently faced each other in the United Kingdom soccer league championship playoff. Scarry, team captain of the Lakenheath Eagles, played brilliant defense and led his team to a 2-0 victory over Elkins and his Upper Heyford Sky Kings. Elkins is a forecaster with Det. 17, 31st WS and Scarry is chief observer of Det. 3, 31st WS. Det. 3's people are quite active in soccer. Skip McBride, Randy Stockton and Don Ellington are all standout players with the Lakenheath "Sunday" team which competes in a local English soccer league and Wally Thompson is the Lakenheath soccer club secretary.

### Palehua takes first

The Palehua Observatory-Hickam Base Weather Station bowling team won the 22-man Military Handicap Bowling League at Hickam AFB. Fighting to stay in first place on the final night of the league, the weather guys needed only one win to retain the top spot and the championship. They got it when Orland Taylor shot a strong 278 in the second game. Other members of the team included Jack Moline, Al Mitchell, Steve Hirjak, Frank Adameczyk, Arnold Starr and Malcolm MacDonald, team captain.

### Bowling champs

Members of Det. 4, 5th WW won the base bowling championship at Pope AFB, NC. In the playoffs, Robert DeBates, Jeff Shortell, Robert Wittreich, Wayne Goodlin and Jim Morris rolled a three-game pin total of 2,936 against their opponent's 2,877. Other members of the team were Denny Calhoun, George Coleman, John Svedman, Steven Chin and Phil Bauman.

### Lingle ping pong champ

James W. Lingle, Det. 3, 5th WW, Myrtle Beach AFB, SC recently won the Base Ping Pong Championship during the annual competition. He ran away with the honors by defeating seven competitors without a loss.



**BOWLING CHAMPIONS** -- Col. Robert Long, 317 CSGp vice commander, (right) presents the squadron base bowling championship trophy to Maj. Donald Bahr, commander, Det. 4, 25th WW. Team members from left are, Robert Wittreich, Robert DeBates, Jim Norris, Jeff Shortell, and Wayne Goodlin (kneeling). (U.S. Air Force Photo)



**ALASKA Lt. Gov. H. A. (Red) Boucher** looks down the barrel of a Walther .22 caliber competition rifle which he presented to the Glacier Cadet Squadron of the Alaska Civil Air Patrol for being named the top junior rifle team in Alaska this year. The team won the title by out-

shooting 16 other junior teams. Team members from left are Debbie Woessner, Tina Haas, Mark Pitzke, Frank Pagano and coach Terry Howard. Howard is a weather forecaster with the 11th Weather Squadron, Elmendorf AFB. (Photo courtesy Anchorage Times)

### Forecaster coaches team to CAP championship

ELMENDORF AFB, AK -- TSgt. Terry M. Howard, weather forecaster assigned to the 11th Weather Squadron here recently coached the Glacier Cadet Squadron of Alaska's Civil Air Patrol to the state Junior Rifle Team Championship.

The team won the championship by outshooting 16 other junior four-person teams. The championship prize, a Walther

.22 calibre competition type rifle, was awarded by Alaska's Lt. Gov. H. A. (Red) Boucher.

Sergeant Howard, a 12-year veteran, has impressive credentials as a shooter and coach and has achieved international recognition. Among his accomplishments, he won a silver medal in the 1969 World Clay Pigeon Championships, holds the current world and U.S. re-

ords in International Clay Pigeon shooting, coached the 1973 USAF International Clay Pigeon Team, and had the highest shooting average in the world in 1969, 1970 and 1972.

Prior to participating in clay pigeon competition, Sergeant Howard was a member of the AF Rifle Team.

### 20th WS NCOs, officers play to tie

The first basketball game to ever be played between NCOs and officers of the 20th Weather Squadron was played recently at the Chofu High School gymnasium in Tokyo.

Participating in the event for the officers were Jim Marshall, and his son Clay, Darrell Holland and his son John, Austin Cotton, Ed Dobkowski, Jeff Johnson, Glenn Ichinose, Bob Kulpa and Joe Butchko. The NCO team was represented by Don Inman, Jim Denton, Rudy Smith, Phil Archambeault, Clay Robinson and Carl Daniel.

In a see-saw battle first period action had the officer squad ahead by four at 12 to 8, while the half-time score showed the NCOs had poured on the steam posting a 26 to 20 lead. The pace continued in the NCO's favor as the third period score was 48 to 38 in their favor.

The last quarter was a clink-er burner with the officer squad

playing exciting catchup ball with Joe Dutchko tying the score 58 to 58 at the buzzer with a jump shot.

After serious diplomatic discussions between the two sides it was learned that neither team was particularly interested in playing an overtime period. Both teams agreed that they were satisfied with their performance but exhausted.

High scorer for the officer squad and the game was Joe Butchko with 26 points, fol-

lowed by Austin Cotton with 12 points and Bob Kulpa with 8 points. Rudy Smith lead the NCOs balanced attack with 20 points with Carl Daniels contributing 16 points while Don Inman and Phil Archambeault had 10 points each.

After the contest both players and the spectators gathered at a nearby clubhouse to mend wounds, talk about what they should have done to win and to enjoy some needed refreshments.

### Det. 25, 24th WS man named Athlete of Year

MOODY AFB, GA -- Gary W. McKenzie, a Detachment 23, 24th Weather Squadron forecaster has been named Moody AFB, Athlete of the Year for 1973.

McKenzie was presented the award for his efforts to help his unit participate fully in the base sports program, his personal accomplishments, and his interest in helping the youth of Moody participate in organized sports.



**PETERSON FIELD, CO** -- The 12th Weather Squadron here beat a confident Organizational Maintenance Squadron to win the base volleyball championship. They did it by winning the last two games of the match 15-9 and 15-3. The team was composed of personnel from the 12th WS; Det. 6, 12th WS here and Det. 58, 16th WS stationed at Ft. Carson. Team members were: (Front Row) Jerry Gayvert, Bruce Mackay, John Taylor, and Ralph Thomas. (Back Row) Glenn Nelson, Bob Clifton, Daryl Johnson, and Dennis Welliver. (U.S. Air Force Photo)