

Merewether and Zimmerman Awards announced

Two of the seven Air Weather Service Commanders Awards were announced last week by Brig. Gen. Russell K. Pierce Jr., AWS commander.

MEREWETHER

The Merewether Award winner for 1967 is Lt. Col. James G. Howcroft, OL-10, Hq. AWS, who is stationed with the National Meteorological Center at Suitland, Maryland.

This is the 12th year of presentation of the Merewether award named in honor of Col. Arthur T. Merewether former Army Air Forces Section Chief from 1940 to 1942. It is given to "the AWS individual who made the most significant technical contribution to military meteorology."

Colonel Howcroft earned this years distinction by developing a fine-mesh, limited-area numerical weather prediction program



Howcroft

which is now used at Air Force Global Weather Central (AFGWC) at Offutt AFB, Nebr. This program has demonstrated significantly greater skill in forecasting the motion and development of small-scale atmospheric disturbances.

ZIMMERMAN

Mr. Joe S. Restivo (GS-13), Hq., 4th Weather Wing, Ent AFB, Colorado, won the Zimmerman Award in its eleventh year of presentation. It is named in honor of Brig. Gen. Don Z. Zimmerman (then colonel), Director of Weather Army Air Forces in 1942.

The Zimmerman Award is given to the individual who demonstrates the best application of cli-

matology during the year or who develops a device or technique which proved of greatest value in furthering the AWS climatology



Restivo

program.

Mr. Restivo was selected for devising and developing climatology tables as forecast aids. . . and successful efforts in promoting the systematic integration of climatological information in the daily forecast routine. Use of these tables is helpful, particularly in short-period forecasting.

He also composed a technical paper "Persistence Probability" which is generally used in forecasting throughout the 4th Wea. Wg.

COMMANDERS AWARDS

Winners of the other five commanders awards will be announced next month. All winners receive walnut and silver plaques in individual presentations.



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March, 1968

Eleven AWS Lt. Colonels exchange leaves for eagles

Eleven Air Weather Service lieutenant colonels have been selected for promotion to colonel.

Selected officers will be promoted in increments to be announced later. The first increment was effective Feb. 26, and included Col. Leonard E. Zapinski of the 3rd Weather Wing and Col. Hal R. Montague of the 6th Weather Wing.

Officers to be promoted later this year are:

1st Weather Wing
Leroy P. Brunner, James E. Smith, Joseph M. Tyndall and Robert S. Wood.

6th Weather Wing
Cyriaque J. Loisel, John T. McCabe and Daniel E. McPherson Jr.

9th Weather Reconnaissance Wing
Hal. H. Dunning.
Hq. AWS
Adelbert G. Gauthier.

Dr. Fletcher named Fellow

Dr. Robert D. Fletcher, Hq. AWS, DCS/Aerospace Sciences, was elected a Fellow of the American Meteorological Society, it was announced at the annual AMS meeting in San Francisco.

Dr. Fletcher earned the distinction for outstanding contributions to the science of meteorology over a period of years.

Bogard honored

Hq. AWS, Scott AFB, Ill.-Col. Wayne C. Bogard, new DCS/Materiel, replacing Col. Arthur L. Moreland, has been presented the Legion of Merit Award by AWS Commander, Brig. Gen. Russell K. Pierce Jr.

Colonel Bogard was cited for outstanding performance as chief of supply, 437th Military Airlift Wing, from Oct. 3, 1965 to Nov. 1, 1967.

A native of Searcy, Arkansas, Colonel Bogard is a graduate of Syracuse University, New York. He entered the service in 1942.



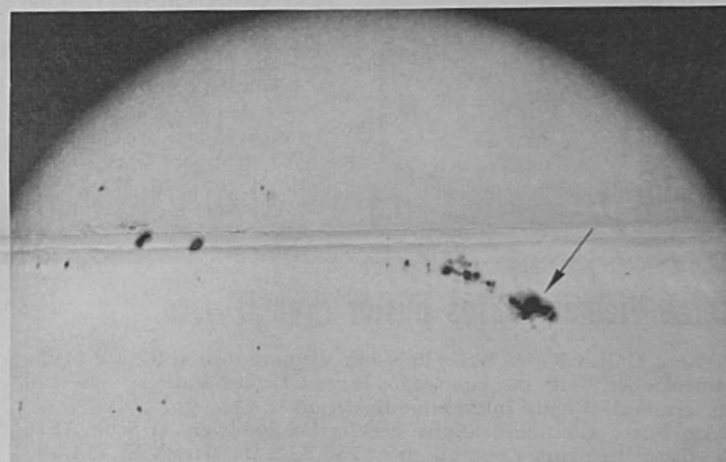
Bogard

Flight surgeon is MAC's finest

HQ. MAC (MNS) - Capt. George S. Sutton of 58th Weather Reconnaissance Squadron, Kirtland AFB, N. M., has been selected Military Airlift Command flight surgeon of the year.

He has been nominated with doctors of other commands for the Malcolm C. Grow Award for Air Force flight surgeon of the year.

Scientists learn more about sunspot activity by solar photography



LARGEST SUNSPOT OF THE DECADE (arrow) was photographed January 31 from the solar observatory at Upper Van Norman Observatory, Los Angeles, Calif. Photo was taken in white light by TSgt. Benjamin F. Templeton. White light means that no filters other than protective filters are used on the telescope, thus capturing the total visible radiation. (Official US Air Force Photo)

Surer than death and taxes the sun will rise tomorrow in the east and set tomorrow evening in the west. The setting and rising of the sun have become symbols of regularity in a changing world. but though the movements of the sun are constant, the body itself is not.

Air Weather Service's Solar Forecast Center at Colorado Springs, Colo., is one place where this is important. AWS observatories and other observatories all over the world have the responsibility for keeping an eye on the changing face of our sun. The men that man them keep a constant surveillance on the sun and provide a continuous stream of information into the 4th Wing's solar forecast center.

Among the most important information relayed to the center is that on sunspots. Sunspot activity and other data is analyzed into the solar activity description and solar flare forecast issued four times daily by the center.

Solar observers were witnesses to a dramatic appearance of these sunspots less than three months ago. At 2017 GMT on January 1, 1968, observers photographed the largest sunspot group seen since the last

solar maximum in 1958. This huge group encompassed nearly three billion miles of the sun's surface. This surface area is 14 times that of the earth, and 900 times that of the United States.

The size of this recent sunspot group places it near the top of a group of the 50 largest groups on record. It would have been easily visible with the naked eye. Still, it is only half the size of the largest sunspot group ever measured, which, in 1947, had an area of six billion miles.

References have been made in ancient Greek literature to sunspots, which were observed around 300 B.C. The first systematic sunspot observations were made by the Chinese from 28 B. C. and maintained until 1638 A.D. Other gigantic sunspots were observed by Russian astronomers through the dense smoke of forest fires from 1365 to 1371. All these obser-

(Continued on page 7)



ARRIVING AT ANDERSEN AFB, GUAM for a two day visit with the 54th WRS, Brig. Gen. Russell K. Pierce Jr., AWS commander, departs his aircraft followed by Commander of the 1st Weather Wing, Col. Lowell A. Stiles. (Official United States Air Force Photo)



COL ARTHUR YORRA
COMMANDER,
24th WEATHER SQUADRON
RANDOLPH AFB, TEXAS

NATIVE OF BOSTON.
ENTERED AIR FORCE MARCH 1941.
COMMISSIONED THRU OCS-1943.

A GRADUATE OF UNIV
OF MARYLAND.
TRAINED AT INSTITUTE
OF TROPICAL METEOROLOGY
IN PUERTO RICO-1943.
SERVED THREE YEARS
IN PACIFIC DURING WWII.

AFTER WE SOLVE THE
WEATHER PROBLEMS, WE
CAN WORK ON THE
PARKING SITUATION.

20 YEARS IN AIR WEATHER SERVICE.

THOMAS M. BOLKOVAC
AWSC

COMMANDER A WEATHER SQUADRON
(51st) AS A CAPTAIN: 1946-1947.

SPENT 12 YRS. IN THE WASHINGTON SCENE.
FOUR OF THESE AS A SPECIAL ASSISTANT TO
COMMANDER, AWS, FOR INTERNATIONAL
CIVIL AVIATION ORGANIZATION AND WORLD
METEOROLOGICAL ORGANIZATION MATTERS.



Excerpts from MAC
News Service stories
condensed to provide
AWS members a cap-
sulated look at MAC
activities.

Three Vietnam bases busier than O'Hare

Three United States bases in South Vietnam topped the air traffic control operations last year at the largest United States commercial air terminal—O'Hare International Airport in Chicago.

Air Force Communications Service headquarters at Scott AFB, Ill., listed Bien Hoa's operations at 753,823, Da Nang's at 714,380 and Tan Son Nhut's 648,137. O'Hare officials counted 643,878 during 1967.

The Tan Son Nhut and Bien Hoa totals make the Saigon area busiest air traffic control complex in the world.

Congress approves aid to home owners

Financial help to military and civilian home owners employed at military installations ordered closed or partly closed since Nov. 1, 1964 has been authorized by Congress.

An estimated 45,000 home owners may be affected.

Individuals may receive cash to cover losses resulting from the private sale of homes, or may sell their homes to the government. Or owners may choose to be paid for losses incurred or which they will incur from foreclosures initiated before March 3, 1967.

Last MAC Starlifter delivered to Tinker

The last of 284 Lockheed C-141 Starlifter jet aircraft built for the Air Force was delivered (Feb. 28, 1968) to MAC at Tinker AFB, Okla.

C-141's were the first jet aircraft specifically engineered to meet military standards as a cargo-carrier. They have cut the cost of delivering a ton of cargo from the East Coast to Vietnam by more than 50 per cent and have reduced delivery time from 95 to 38 hours as compared to prop-driven aircraft.

The four-engine jet can cruise at more than 500 miles an hour and carry a 70,000-pound payload. At reduced speeds and payloads, it can fly non-stop from San Francisco to Tokyo.

Helicopters provide ambulance service

A helicopter pad has been built near the emergency room of the hospital at Cam Ranh Bay.

Injured persons are brought to the hospital aboard Air Force HH-43 Huskie helicopters and Army UH-1 Hueys.

Command Line

RUSSELL K. PIERCE JR.
Brig. Gen., USAF
Commander



Vote

1968 is only barely underway and the November election is a daily topic. Although we hear diverse opinions, it is generally agreed that matters of tremendous national and international importance will be decided this year at the polls.

Our right to self-determination through elections is the result of united effort by Americans down through history. It is not only the right, but the responsibility of every citizen to exercise this franchise.

Unfortunately, some of us in uniform fail to recognize that each vote is important. We tend to feel that it's "too much trouble" to get to the voting booth or send off for an absentee ballot. This does not mean that we are "poor citizens." Our attire is proof enough of willingness to serve our country—our oath to defend American tradi-

tion is a matter of public record. Perhaps for these very reasons, we are conscious of our service to our country, and we neglect to realize that voting is also an important part of our responsibility.

I strongly encourage you to vote. History has shown that democracies which prove most enduring are those in which the individual has the highest sense of responsibility and fully participates in government.

Any questions on registration or voting deadlines should be taken to your unit Voting Officer now. He is prepared to assist the serviceman voter in every way possible.

The liberties we enjoy and for which thousands of Americans have given their lives can be jeopardized if every citizen does not express his opinion by voting.

Bronze Star

SSgt. Eugene Goldsmith, Hq. AWS, Office of Information, has received the Bronze Star Medal for meritorious service as NCOIC, Research and Statistics Branch, Command Information Division, Directorate of Information, Hq. 7th Air Force, Vietnam.

Among his many accomplishments, Sergeant Goldsmith increased story production by 50 per cent while on TDY at Pleiku and accomplished 115 complete and accurate background files on Air Force activities in SEA.

Want to bet?

Every time you drive your car you take the chance of having an accident. Probably you won't have that accident, and if you do, your chances of being killed are only one in 330, 29 in 330 of being injured. So why worry? The odds are on your side, right?

Students in a safety class were asked these same questions. The instructor passed around a bottle containing 330 identical white pills. Identical except that 29 of them were capable of inducing slight nausea and one was deadly poison. The other 300 were harmless sugar pills.

Each student took one of the pills. "Now," he said, "I want each of you to swallow the pill you have chosen." There were no takers. Not one of the students was willing to take the pill, even though the odds were heavily in his favor.

You and these students have one thing in common: both of you face the same odds when you drive. Maybe you won't beat the odds. Maybe you'll have that accident. Chances are one in eleven that you will be hurt or killed.

Let's take another example from the obituary column of a newspaper. It read: "Local man, age 36, dies after 15 years in the hospital following an auto accident in which he was totally disabled."

For 15 years that man stared at the same ceiling, unmoving, forced to listen to the sounds of life going on around him. Fifteen years of dying, second by second. All because of a moment of carelessness. Quite possibly the accident wasn't even his fault, but he's just as dead either way.

It all boils down to this: defensive driving is the key. Watch out for the other guy and remember live caution is better than dead carelessness.

Plains of Spain have little rain

TORREJON AB, Spain (MNS) — Allen J. Lerner, who wrote the songs for the noted musical "My Fair Lady," may disagree with a recent observation of Lt. Col. George Mills of 21st Weather Squadron at Torrejon.

Colonel Mills conducted a study of factors affecting precipitation in Spain and has decided that "rain in Spain does not fall mainly on the plain."

The Military Airlift Command weatherman notes that Spain has an atmosphere that is not conducive to rain. Generally, it has a Mediterranean climate with mild winters and warm summers.

Plains of Spain are protected from the rain mainly by terrain. Mountain barriers make it difficult for rain to reach the plains.

Colonel Mills is a noted AWS authority on the climatology of Spain, or as he puts it, "I've been under the weather in Spain for six years. I should know something about it."



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BRIG. GEN. RUSSELL K. PIERCE, JR.
Commander, Air Weather Service

LT. COL. LEON M. ROTTMAN, Director of Information
MR. JOHN D. RUGG, Deputy Director of Information
LT. RAY A. CROCKETT, Managing Editor
MSGT. DON W. ROWLAND, Editor

What's in a name? Det. 26 no longer at Bunker Hill AB

GRISOM AFB, Ind. (MNS) — Det. 26, 26th Weather Squadron is no longer at Bunker Hill AFB, Ind. They didn't move. The base was renamed Grissom AFB in honor of Lt. Col. Virgil I. Grissom.

Colonel Grissom, born in Mitchell, Indiana, was killed Jan. 27, 1967 in a flash-fire during an Apollo spacecraft test at Cape Kennedy, Fla.

Grissom AFB is the home of the 305th Bombardment Wing (Medium). The unit has B-58 Hustler bombers and KC-135 Stratotankers.

Det. 26 is commanded by Capt. Alfred T. Grzydzicki.



CLOSELY OBSERVED—Giving a pointer to an observer in the Wiesbaden AB, Germany, base weather station frequently falls into Sergeant Ehmen's line of duty. Getting the point here is A1C Larry D. Gore, obviously an observant observer.



CLOUD FORMATION BOARD is inspected by Lt. Col. C. M. Dunn, head of Department of Weather Training at Chanute AFB. From left to right, CMSgt. E. F. Nemetz, civilian engineer David Williams and Sgt. J. R. Stone also observe

as SSgt. W. E. Collins explains the board. This display, combined with classroom instruction, will enable observer and forecaster students to get a clearer understanding of weather changes. (USAF PHOTO).

Cloud training board new addition at Chanute

CHANUTE AFB, Ill.—Students taking the Weather Station Operations course at Chanute can look forward to more detailed information on the cloud training phase of their course. Supplying the increased knowledge on cloud characteristics is a cloud trainer device constructed by Training Aids personnel of the Chanute Technical Training Center.

The trainer is basically a cabinet with a plastic front panel on which a graphic display of the ten basic cloud types with weather maps and word descriptions are mounted. The displays are illuminated from behind with fluorescent panels.

Because studies of cloud formations and related air mass characteristics show a strong correlation and are most useful in predicting weather behavior, a local study of weather patterns and cloud types was adopted to enable weather students to more readily understand the changing weather phenomenon.



WEATHERMEN FROM GREECE AND ETHIOPIA recently completed two months of forecasting training at Randolph AFB, Tex. At left, Lt. Col. Walter F. Gonske, Det. 10, 24th Weather Squadron, instructs Lieutenant Nicolaos Mistakidis (right) of Greece and Sergeant Aberra Afen of Ethiopia on use of a wind indicator.

CMSgt. Ehmen chosen 2nd Wing's top NCO

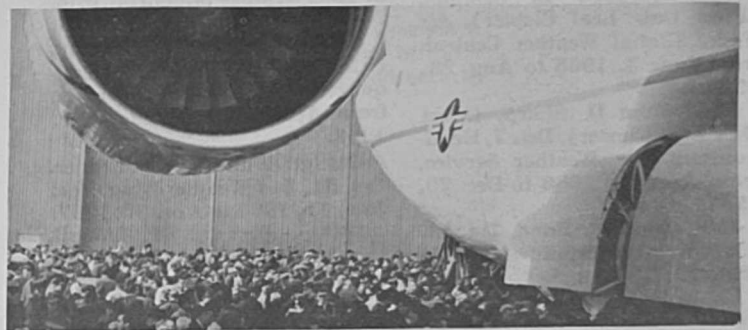
WIESBADEN AB, Germany—CMSgt. Delbert D. Ehmen has been chosen 2nd Weather Wing headquarters' NCO of the Year for 1967. Announcement of his selection was made during the February wing Commander's Call.

A veteran of 21 years' active U. S. Air Force service, Sergeant Ehmen is a weather observer superintendent with the 2d Wea. Wg. Current Operations and Training Branch. He came to Wing headquarters from 25th Wea. Sq. at Waco, Texas in 1965.

Sergeant Ehmen is married to the former Miss Hildegard M. Mittler of Munich, Germany.

Room of Quarter

WRIGHT-PATTERSON AFB, Ohio—Sgts. Thomas A. Rakowski, David P. Strub and Robert J. Voss of Det. 40, 7th Weather Wing, have been selected winners of the Airman Room of the Quarter Award.



PUBLIC VIEWS C-5 — Lockheed C-5 Galaxy makes first appearance as a portion of a crowd of 30,000 gets a close-up of the world's largest transport. (AIR FORCE PHOTO).

The big one rolls out

HQ MAC (MNS) — First operational C-5 Galaxies will go to airlift wings at Charleston AFB, S.C.; Travis AFB, Calif.; and Dover AFB, Del., Military Airlift Command officials announced March 8.

1 in 1,000

WRIGHT-PATTERSON AFB, Ohio — Little Noreen Ryan is one in a thousand — or, more accurately, one in 1461.

Those are the odds against being born Feb. 29.

Noreen is the new daughter of Maj. and Mrs. John F. Ryan of Det. 15, 15th Weather Squadron. Major Ryan is the detachment commander.

Charleston's squadron will be formed during October-December 1969 and the one at Travis in January-March 1970. Dover's is scheduled for completion by December 1970.

First of the C-5 transports will be assigned to MAC's transitional training units at Altus AFB, Okla., for crew training in June 1969.

Present plans call for six Galaxy squadrons.

Bronze Star

Maj. Lawrence S. Hansrote, Det. 7, 4th Weather Wing, has received the Bronze Star for distinguished service in Vietnam during 1966. Major Hansrote served in both the 10th and 30th Weather Squadrons while in Southeast Asia.

High schoolers study weather

RAMEY AFB, P.R.—Maj. William E. Smurro, squadron weather officer for the 53rd Weather Reconnaissance Squadron, "Hurricane Hunters", spoke to six earth science classes of Ramey AFB High School.

Lecture subjects were weather, hurricanes and the procedure for gathering weather information. Students also toured the "Hurricane Hunters" WC-130 aircraft.

The OBSERVER regretfully reports the deaths of SSgt. James C. Swann and Sgt. Edward M. Milan of Det. 10, 5th Weather Squadron.

Both were victims of an enemy mortar attack at Ban Me Thout, RVN, on March 4.



FUTURE WEATHERMEN? Capt. Thomas R. Hemphill, Hq. Air Weather Service meteorologist, speaks to third graders of Mrs. Edith Whyte's class at Mascoutah Elementary School. Capt. Hemphill has instructed youths in weather observing and forecasting techniques for a number of years. His program varies in relation to the age of the audience. Hemphill is recovering from injuries received in Southeast Asia where he flew Super Jolly Green Giant helicopters. (Official United States Air Force Photo)

Air Weather Service Commendation Medals

U. S. Air Force Commendation Medals for the following named Air Weather Service men have been awarded or approved recently:

Lt. Col. Warren L. Burns, (First Oak Leaf Cluster), Det. 1, 20th Weather Squadron, from Jan. 29, 1965 to Dec. 19, 1967.

Lt. Col. Ferd J. Curtis, Headquarters United States Air Force, from Aug. 16, 1967 to Feb. 29, 1968.

Lt. Col. James M. Hughes, 2nd Weather Wing, from May 16, 1964 to May 24, 1967.

Lt. Col. Gordon D. Smith, Chief of Command and Control System Operations Section, from Oct. 12, 1964 to Jan. 15, 1968.

Maj. Richard L. Kimmel, (First Oak Leaf Cluster), Air Force Global Weather Central, from June 3, 1965 to Aug. 28, 1967.

Maj. John D. Sharp, (First Oak Leaf Cluster), Det. 7, Headquarters Air Weather Service, from Apr. 13, 1966 to Dec. 20, 1967.

Maj. Orval M. Bond, Det. 11, 35th Weather Squadron, from Sept. 28, 1964 to Feb. 1, 1968.

Capt. Wilbert G. Maunz, (First Oak Leaf Cluster), Det. 30, 6th Weather Wing, from Nov. 2, 1966 to Nov. 16, 1967.

Capt. Michael R. Denington, Dec. 21, 1967.

Capt. Rex J. Fleming, Det. 1, 3rd Weather Wing, from Aug. 1, 1965 to June 30, 1967.

Capt. Joseph R. Irwin, Det. 44, 7th Weather Wing, from Nov. 17, 1967 to Dec. 29, 1967.

Capt. F. C. Mitchell, Det. 8, 20th Weather Squadron, from Aug. 28, 1965 to Feb. 1, 1968.

Capt. Constantine S. Panos, 33rd NORAD Region and 20th Air Division (SAGE) (ADC), from Sept. 20, 1964 to Nov. 18, 1967.

Capt. Patrick D. Russell, Det. 1, 29th Weather Squadron, from Mar. 20, 1966 to Jan. 31, 1968.

Capt. Frederick A. Scheeren, OL-4, 4th Infantry Division,

from Dec. 6, 1966 to Oct. 2, 1967.

Capt. Russell N. Shallow, Det. 3, 29th Weather Squadron, from Oct. 6, 1965 to Sept. 3, 1967.

Capt. William D. Zaccardi, 2nd Weather Wing, from July 20, 1965 to Dec. 1, 1967.

Second Lieutenant Robert Borowski, Det. 5, 15th Weather Squadron, from Nov. 17, 1967 to Dec. 29, 1967.

CWO (W-4) William A. Miller, 26th Weather Squadron, from July 25, 1965 to Jan. 22, 1968.

CWO Louis W. Bartlett, (First Oak Leaf Cluster), Det. 3, 15th Weather Squadron, from Nov. 17, 1967 to Dec. 29, 1967.

CWO Thad F. Jennings, Det. 3, 15th Weather Squadron, from Nov. 17, 1967 to Dec. 29, 1967.

CMSgt. Thacker L. Grigsby, (First Oak Leaf Cluster), Headquarters Air Weather Service, from Apr. 6, 1965 to Jan. 31, 1968.

CMSgt. William M. Gardner, Det. 51, 2nd Weather Wing, from June 11, 1966 to Apr. 30, 1967.

SMSgt. Richard H. Langill, Det. 44, 7th Weather Wing, from Nov. 17, 1967 to Dec. 29, 1967.

SMSgt. Gordon D. Rasmussen, Det. 7, 24th Weather Squadron, from June 1, 1967 to Jan. 10, 1968.

MSgt. Glen E. Holly, (Second Oak Leaf Cluster), 3rd Weather Wing, from May 20, 1965 to Dec. 20, 1967.

MSgt. John A. Higman, (First Oak Leaf Cluster), OL-6, Det. 7, 4th Weather Wing, from Apr. 25, 1966 to Oct. 13, 1967.

MSgt. Harold C. Hoffman Jr., (First Oak Leaf Cluster), Det. 14, 26th Weather Squadron, from Dec. 1, 1965 to Mar. 14, 1968.

MSgt. Paul G. Becker, Det. 17, 24th Weather Squadron, from Aug. 1, 1964 to Nov. 30, 1967.

MSgt. Raymond Hofmann, ETAC, from Apr. 9, 1964 to Jan. 31, 1968.

MSgt. Johnie P. Mahoney, Det. 32, 3rd Weather Squadron, from

June 20, 1964 to Feb. 1, 1968.

MSgt. Robert A. McDonough, 5th Weather Wing, from Nov. 8, 1963 to Feb. 1, 1968.

MSgt. Henry M. Watanabe, 1st Weather Wing, from Aug. 5, 1963 to Jan. 31, 1968.

MSgt. Warren T. Griffith, Det. 1, 20th Weather Squadron, from Oct. 17, 1964 to Oct. 9, 1967.

MSgt. Robert L. Richardson, 2nd Weather Wing, from Dec. 11, 1964 to Dec. 11, 1967.

TSgt. Raymond W. Agee, Det. 10, 24th Weather Squadron, from Sept. 27, 1965 to Jan. 31, 1968.

TSgt. Allen L. Wicklund, 6th Weather Wing, from Oct. 26, 1963 to Jan. 1, 1968.



TSgt. Robert F. Almeida (then) SSgt., Det. 2, 53rd Weather Reconnaissance Squadron, from May 24, 1965 to Nov. 15, 1967.

TSgt. Raymond W. Agee, Det. 10, 24th Weather Squadron, from Sept. 27, 1965 to Jan. 31, 1968.

TSgt. (then) SSgt. Edmour R. Hanzuk, Det. 2, 53rd Weather Reconnaissance Squadron, from

May 4, 1965 to Dec. 1, 1967.

TSgt. William Hilt, 9th Weather Reconnaissance Wing, from Jan. 1, 1967 to Dec. 31, 1967.

TSgt. William C. Kelly Jr., Det. 1, 20th Weather Squadron, Jan. 1, 1967 to Dec. 1, 1967.

TSgt. Kenneth F. Pineau, Det. 23, 30th Weather Squadron, from Dec. 23, 1966 to Oct. 23, 1967.

TSgt. Allen L. Wicklund, from Oct. 26, 1963 to Jan. 1, 1968.

SSgt. Jerry L. Hayes, (First Oak Leaf Cluster), 9th Weather Reconnaissance Wing, from Nov. 8, 1966 to Dec. 8, 1967.

SSgt. Marlin L. Simmons, (First Oak Leaf Cluster), Hq. Air Weather Service, from Dec. 7, 1965 to Feb. 29, 1968.

SSgt. Richard O. Baylor, Det. 4, 12th Weather Squadron, from July 5, 1965 to Sept. 30, 1967.

SSgt. James S. Borman, Det. 19, 31st Weather Squadron, from Nov. 26, 1964 to Nov. 14, 1967.

SSgt. Gerald J. Breier, Det. 25, 6th Weather Wing, from Oct. 18, 1963 to Dec. 15, 1967.

SSgt. William H. Bryant, Det. 17, 10th Weather Squadron, from Dec. 16, 1966 to Dec. 4, 1967.

SSgt. Allen C. Christian, Det. 19, 15th Weather Squadron, from Sept. 20, 1966 to Apr. 1, 1968.

SSgt. Lovel Evans, Det. 22, 24th Weather Squadron, from Dec. 6, 1961 to Feb. 1, 1968.

SSgt. Robert K. Jennings, Det. 7, 7th Weather Squadron, from May 16, 1967 to Oct. 18, 1967.

SSgt. Melvin R. Keith, Det. 75, 5th Weather Wing, from July 11, 1966 to Dec. 15, 1967.

SSgt. Martin L. McGuire, 9th Weather Reconnaissance Wing, from July 3, 1966 to Feb. 1, 1968.

SSgt. Jerry L. Meisel, Hq. Air Weather Service, from Nov. 23, 1962 to Dec. 15, 1967.

SSgt. Grover C. Nevel Jr., Det. 24, 15th Weather Squadron, from May 28, 1967 to Feb. 29,

1968.

SSgt. Neil A. Smith, 9th Weather Reconnaissance Wing, from June 4, 1965 to Sept. 15, 1967.

SSgt. Charles L. Springer, Det. 5, 15th Weather Squadron, from Nov. 17, 1967 to Dec. 29, 1967.

SSgt. Jack L. Thomas, Det. 8, 5th Weather Squadron, from Dec. 12, 1966 to Oct. 19, 1967.

SSgt. Elmer C. Weir, Det. 4, 29th Weather Squadron, from Oct. 27, 1966 to Nov. 27, 1967.

SSgt. Earl E. Wilson, 58th Weather Reconnaissance Squadron, from June 24, 1964 to Aug. 21, 1967.

SSgt. Stanley L. Vangsness, Republic of Vietnam, from Oct. 27, 1966 to July 21, 1967.

SSgt. William A. Garrett, Republic of Vietnam, from Oct. 20, 1966 to Aug. 25, 1967.

SSgt. Donald R. Langley, Det. 30, 10th Weather Squadron, from Aug. 8, 1966 to Aug. 8, 1967.

Sgt. Raymond D. Routley, 35th Tactical Fighter Squadron, from Jan. 1, 1966 to May 23, 1967.

Sgt. John A. McReynolds, Det. 15, 10th Weather Squadron, from Oct. 11, 1966 to Sept. 25, 1967.

Sgt. Andrew J. Blatchley, Det. 44, 7th Weather Wing, from Nov. 17, 1967 to Dec. 29, 1967.

Sgt. Frederick N. Caulder Jr., 56th Weather Reconnaissance Squadron, from Aug. 1, 1965 to Oct. 31, 1967.

Sgt. Richard M. Purdy, Det. 1, 4th Weather Wing, from July 29, 1966 to Mar. 8, 1968.

Sgt. Frederick W. Robitschek Jr., Det. 17, 10th Weather Squadron, from Dec. 20, 1966 to Dec. 17, 1967.

A1C Robert W. Schlacks, Det. 5, 15th Weather Squadron, from Nov. 17, 1967 to Dec. 29, 1967.

A1C Thomas R. Smith, 4th Weather Wing, from Jan. 10, 1967 to Dec. 15, 1967.

A1C David C. Teeter, Det. 5, 15th Weather Squadron, from Nov. 17, 1967 to Dec. 29, 1967.

Where in the world can a supergrade weatherman go?

This service is provided to assist the senior NCOs of Air Weather Service with the base-choice program. If you request assignment to a base where your skill level is not authorized, then you have eliminated the possibility of obtaining the desired location for your next assignment.

An "X" on this identifies those locations where at least one CMSgt or SMSgt forecaster, observer, or meteorological equipment maintenance technician is authorized in the current manpower documents. A few locations have been omitted from this chart. Those omitted are locations where known pro-

grammed actions will change the current manpower requirements. Also omitted are those locations where the duty requires special training, i.e., the solar program.

It should be noted that this chart only indicates authorization and does not necessarily indicate where current or pro-

jected vacancies exist. Since assignments can be made only to fill valid vacancies, obtaining a desired end assignment depends on whether a vacancy exists and the number of individuals requesting that location.

The order of priority for assignment consideration is: a. SEA returnees; b. Other remote

tour returnees; c. Isolated tour returnees; and d. Long tour returnees.

Changes are occasionally made to the required/authorized manpower at most locations. Therefore, it is anticipated that this information will be published annually in the OBSERVER.

Location	Skill Level Authorized				Location	Skill Level Authorized				Location	Skill Level Authorized			
	25290	25390	30291			25290	25390	30291			25290	25390	30291	
Andersen (Guam)					Kelly					Richards-Gebaur				
Andrews	X	X	X		Kindley (Bermuda)					Robins				
Barksdale					Kirtland					Scot				
Bergstrom					Korat (Thailand)					Seymour Johnson				
Carwell					Lajes (Azores)					Shaw				
Castle					Langley					South Ruislip (UK)				
Charleston					Las Vegas					Stewart				
Clark (Philippines)	X				Little Rock					Suitland Hall				
Davis Monthan					Lockbourne					Sunnyvale				
Dyess					Long Binh (Vietnam)					Tachikawa (Japan)				
Eglin	X				Los Angeles					Tan Son Nhut (Vietnam)				
Ellsworth					MacDill					Thule (Greenland)				
Elmendorf					March					Tinker				
Ent	X				Mather					Torrejon (Spain)				
Fi Manros					McChord					Travis				
Fuchu (Japan)					McClellan					Tuslog, Det 2				
Griffiss					McGuire					Tyndall				
Gunter					Northolt (UK)					Udorn (Thailand)				
Hamilton					Offutt					Vandenberg				
Heidelberg (Germany)	X				Osan (Korea)					Washington (ETAC)				
Hickam					Patrick					Westover				
High Wycombe (UK)					Peterson Field					Wheatus (Libya)				
Homestead					Ramey (Puerto Rico)					Wiesbaden (Germany)				
Howard (Panama Canal Zone)	X				Ramstein					Wright-Patterson				
Kadena (Okinawa)					Randolph					Yakata (Japan)				
Kansas City										Yong San Reservation (Korea)				

AWS Command and Staff



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Inspector General



Brig. Gen. Russell K. Pierce Jr.
Commander



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Director of
Intelligence and Security



Lt. Col. Leon M. Rottman
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Lt. Col. David W. Connelly
Director of Safety

Binh Thuy men have big family . . They help support 130 children

A kind-hearted sergeant provided the spark that got a whole weather detachment involved in a "good deed." TSgt. Robert MacCuish of Malden, Mass., heard from friends about the Sisters of Providence Orphanage in Can Tho, Republic of Vietnam.

He began helping the orphanage personally and it wasn't long before his enthusiasm spread to his fellow weathermen in Det. 13, 30th Weather Squadron at Binh Thuy Air Base.

Sergeant MacCuish began by writing personal letters to various organizations in his hometown of Malden and Mobile, Ala., where he had been stationed before going to Vietnam.

Since last August, clothing, toys, health and comfort items have been received from Veterans of Foreign Wars Post 639

and Mystic Rebekah Lodge, both of Malden and the Mobile Scottish Rite Bodies (Masonic).

Det. 13 has donated \$250 to the orphanage. The money comes from donors in the United States and from within the detachment. It has also given 20 beds and mattresses, about 25 pounds of candy and 7,100 pounds of building material and scrap lumber which was used to build school desks and as firewood for cooking.

The men of Det. 13 make weekly trips to the orphanage, bringing gifts from people back home as well as their own. They have contributed approximately 126 man-hours to the orphanage since August.

Sisters of the Providence Orphanage is the center of six orphanages in the Mekong Delta, with Mother Superior Benedic-

tine as the head of all the Sisters of Providence in Vietnam. Sister Anicet is the Head of the orphanage in Can Tho.

She and the other sisters at the orphanage have about 130 children under their care, ranging in age from one to four years. As the children grow older, they are transferred to an orphanage for children of that age group.

An elementary and a high school is operated by the orphanage. Classes are held for the children of the orphanage and those of poor people in the area. Vietnamese French and English are taught by the Sisters.



THANK YOU FOR YOUR HELP—Presenting TSgt. Robert MacCuish (right) and SSgt. Dale P. Christie with a letter of appreciation is Sister Anicet, head of the Sisters of Providence Orphanage in Can Tho, Republic of Vietnam. Sergeants MacCuish and Christie and other members of Det. 13, 30th Weather Squadron Binh Thuy air base, have been assisting the orphanage since last year.



WAITING FOR DINNER are some of the orphans whom men of Det. 13, 30th Weather Squadron have been aiding. The Binh Thuy based weathermen have donated time, materials and money to help these victims of the Vietnam war.

Offutt junior officers inaugurate new council

OFFUTT AFB, Nebr.—Fifty junior officers of 3rd Weather Wing met with their commander, Col. Robert L. Sorey, to inaugurate a Junior Officers' Council. It will be open to all 3rd Wing junior officers with less than eight years active federal commissioned service.

Since the organizational meeting, the 3rd Wing JOC has convened twice. The officers are: President—Capt. Kim A. Karst, 2nd Wea. Sq.; Vice President—Capt. Laurence D. Bachman, SAC Weather Support Unit; Recording Secretary—2nd Lt. David T. Richards, 3rd Wing and Corresponding Secretary—2nd Lt. Arthur C. Forster Jr., 3rd Wing. Col. Leonard E.

Zapinski, Directorate of Weather, will serve as the JOC Senior Advisor.

The council plans to develop a program that will include all 3rd Wing junior officers throughout the country. Future projects include career weather officer information program, career motivation trips, a guest lecture series and various community relations and social activities.

Minnig picked as MAC's best in specialty

Sgt. Kenneth H. Minnig, Det. 10, 15th Weather Squadron, was chosen as MAC

outstanding Specialized Maintenance Airman of the Year. Atrophy was presented by Maj. Gen. William H. Brandon, 21st Air Force commander in a special ceremony at McGuire AFB, N.J.



Minnig

Coast to coast—Birds make news by flying in weather circles

VANDENBERG AFB, Calif.—It sounds like a scene from Alfred Hitchcock's "The Birds" in which our "feathered friends" turn nasty and begin attacking humans. Or maybe it's just that birds are trying to slow down man's progress in space exploration.

There can be no doubt that birds cause considerable problems for AWS's Det. 30, 6th Weather Wing at Vandenberg, which provides weather data for the Air Force Western Test Range which supports missile launches from Vandenberg.

Birds, mostly crows, play havoc with some of the equipment used in providing these forecasts. They seem to be attracted to the shiny, spinning wind speed indicators or anemometers. They land on them and peck at them, sometimes destroying the instruments, says Lt. John Anderson of Det. 30.

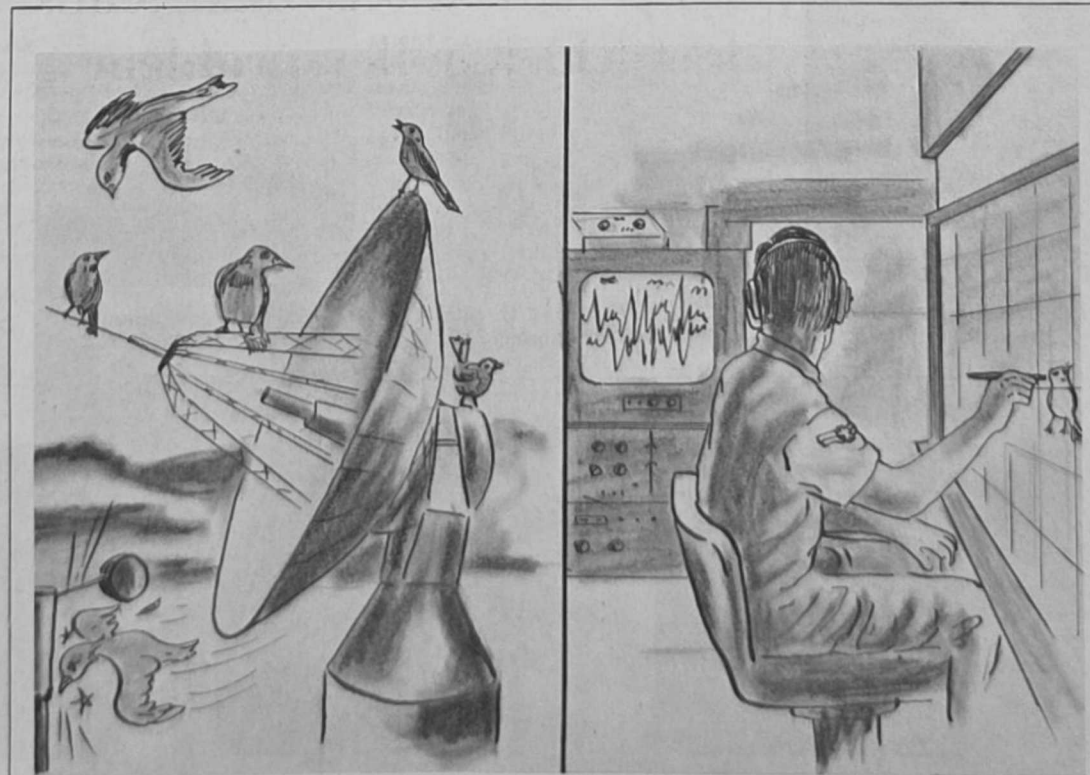
The birds find a site and keep attacking it for a week or two at a time. At one site, the instruments had to be replaced five times in one month. It costs \$49 to replace one anemometer.

Lieutenant Anderson continued, "At first we thought they were attracted by the brightness of the instruments. So we sprayed them black. This seemed to work—for awhile. Then they came back with a vengeance. It was as though they didn't like being tricked."

They also land on the wind vanes causing them to buckle and bend. Sometimes they can be straightened, but if not, they must be replaced at a cost of \$90.

While birds haven't really slowed down the space program at Vandenberg, they're not helping it any.

Feathered friends ? ?



WASHINGTON, D.C.—For the sake of science and aircraft safety, the Weather Bureau will be engaged in a program of official bird watching this spring. Helping track, via radar, the migration of the whistling swan from the Chesapeake Bay to Northwest Canada, is the weather component of the Department of Commerce's Environmental Science Services Administration (ESSA).

United States Air Force Office of Scientific Research and the Canadian Wildlife Service has requested the project.

Basis for the program was the crashing of an aircraft several years ago in Maryland after striking two of these birds. The swan weighs as much as 20 pounds.

Scientists want to know how fast and how high the whistling swan flies, its route and how its progress is affected by weather conditions. In studies of other years, it was learned that ducks migrate with a tailwind, but will not migrate into a headwind. Similar information is desired on the swan.

Photographs will be taken automatically 24 hours a day by weather stations along the migratory path from the second week in March to the second week in April.

Radar sends out an electronic signal which is returned when it strikes a target. This echo is picked up by receivers and displayed as a white image on a scope much like a television tube. A camera attachment permits the scope to be photographed.

Weather Bureau stations to be involved in tracking the whistling swan will be at Washington, D. C.; Pittsburgh, Pa.; Akron, Ohio; Detroit, Mich.; and Minneapolis, Minn.

ON THE

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Highlights of Air Weather Service personnel at work and play.

AWS Global Report

Andrews AFB, Wash., D. C.

A1C Ernest T. Curtis Jr., Det. 2, 6th Weather Wing, has been chosen as Base Airman of the Month.

An observer, Airman Curtis works as a substitute teacher during off-duty hours in the high school where his wife also teaches.

He plans to enter the AECF program.

Chanute AFB, Ill.

SSgt. Ronald N. Whiteley, 3368th Student Squadron, has received the Gold Pride Certificate for sustained outstanding accomplishments while assigned to Hq. AWS, Scott AFB, Ill.

This is the highest recognition under the MAC PRIDE Program which is MAC's implementation of the Air Force Zero Defects Program.

Sewart AFB, Tenn.

Lt. Col. Charles R. Schifferdecker, Det. 16, 3rd Weather Squadron, commander, teaches a class of 25 students in the Flying Patriots Club of Nashville every Tuesday night.

Basic fundamentals of weather and its principles are taught to the students, who are working for a private flying license.

Elmendorf AFB, Alaska

Sgt. Richard S. Czikk, 11th Weather Squadron, has received the Outstanding Remote Sites Observer Award.

Sergeant Czikk was selected for the award while assigned to the 11th Wea. Sq. Operating Location, Northeast Cape AFS, Alaska, one of ten remote OL's of the squadron.

Outstanding Performance, superior military bearing and appearance and his overall contribution to the mission of the site, were the determining factors in Sgt. Czikk's selection for the award.



A TOTEM POLE ON GUAM? When 54th Weather Recon fliers departed last winter for Elmendorf, Alaska, and "Operation Cold Cowl", Guam's governor Manuel F. L. Guerrero sent along greetings to the people of Anchorage. Examples of island handicraft accompanied the letter. This month some of the 54th Reconmen returned from their cold temporary duty and brought with them a return gesture of goodwill from Anchorage's Mayor George M. Sullivan. Maj. Kerry Gomez, a "Cold Cowl" crewmember presented the governor and the people of Guam with the message from Alaska and a desk-sized replica of a totem pole. (Official USAF Photo)

Hohenfels Army Airfield, Germany

SSgt. Roland D. Munson and Sgt. Gary V. Cunningham, Det. 7, 7th Weather Squadron, have been awarded special PRIDE Silver Certificates for outstanding incentive and initiative in performing their tasks at Det. 7 and for off-duty projects.

Sergeant Munson was cited for excellent guidance and supervision in turning a bleak site into a better looking and working area.

Designing and building furniture items for the weather station and barracks on off-duty time and improving over-all working and living conditions helped Sergeant Cunningham earn his PRIDE Certificate.

Kunsan AB, Korea

First Lieutenant John D. Hawk, formerly of Det. 10, 24th Weather Squadron, was chief forecaster at Randolph AFB, but is now detachment commander at Kunsan.

Lieutenant Hawk's detachment supports F-100 fighter aircraft.

Ramstein AB Germany

MSgt. Edward H. Cruey, 31st Weather Squadron, was awarded the MAC Gold PRIDE Certificate.

Sergeant Cruey, NCOIC of squadron supply, was cited for outstanding contribution to the Cost Reduction Program.

Tan Son Nhut AB, RVN

MSgt. Bobby W. Luker, Det. 2, 30th Weather Squadron, received the Vietnam Medal of Honor Second Class.

A chief observer, Sergeant Luker is the first weatherman at Tan Son Nhut to receive the award. He was cited for working closely with both Vietnamese Air Force and civilian weathermen to develop a joint weather operation at the base.

Sunspots---

(Continued from page 1)

vations, made with the naked eye, were taken through fog, haze or smoke.

No mention of sunspots is found in western literature during the middle ages. Aristotle decreed in the year 4 A.D. that the sun was a "ball of pure fire," with the emphasis on pure, and thus was a "heavenly body without blemish." This concept was incorporated in the Christian theology of the day, with any suggestion to the contrary punishable by death for the crime of heresy.

Such eminent scientists as Galileo, although aware of the existence of sunspots were reluctant to publish their findings, for fear of being punished. The invention of the telescope in 1611 provided proof that sunspots did indeed exist and showed a cycle of about 11 years.

It was also determined that the general level of solar activity was intimately linked with the sunspot cycles.

A continuous record of sunspot observations has been maintained by the observatory in Zurich, Switzerland from 1855 to the present. Modern astronomers have determined the temperature within the spots to be about 2000 degrees celsius cooler than the average temperature of 6000 degrees surrounding solar surface.

Vietnam Bronze Star

TSgt. Kenneth J. Bates Sr., 6th Weather Squadron (Mobile), has received the Bronze Star Medal for meritorious service as chief observer for Det. 11, 5th Weather Squadron.

While assigned to the Vinh Long, Vietnam detachment, Sergeant Bates displayed outstanding leadership, ingenuity and professional skill which contributed to the successful operation of Det. 11.

Communications man lends hand in Kindley problem

KINDLEY AFB, BERMUDA - The initiative and ingenuity of SSgt. Rudolph Garcia, supervisor of 1934th Communications Squadron Teletype Maintenance Section, "saved the day" at Kindley recently.

Weather information sent to three base facilities, by electro-mechanical means, uses Teletype transmitters and receivers.

The system, however, cannot work without special rolls of paper which are a part of each teletype receiver.

Through a supply source failure, no paper had been received on base for several months.

To avoid having to disseminate the weather information by telephone - a time consuming and error-prone method - Sergeant Garcia went to work.

He cut rolls of teletype paper to Teletype size, using a hand saw. He then hand rolled the paper onto the special spindles.

It took a little extra effort, but enabled Kindley to continue furnishing timely weather information.



A MASTERFUL TOUCH-Sgt. Vernon Griffin, Det. #51, 2nd Weather Wing, applies attention to repairing a part for an anemometer (wind speed indicator). Nearly all U.S. Army and Air Force meteorological equipment in Europe is serviced by Det. 51. AWS's Specialized Maintenance Unit of the Year.

Unit specializes-in winning

WIESBADEN AB, Germany- Receiving unit awards seems to have become the favorite pastime of the men assigned to Det. 51, 2nd Weather Wing. The detachment reigns as 1967 Air Weather Service Specialized Maintenance Unit of the Year.

Ramey scouter wins honor

RAMEY AFB, P. R.-TSgt. Louis A. Peppito was awarded the Boy Scout Silver Beaver award Feb. 11.

The award is for outstanding service to a council and outstanding support of the Boy Scout program. Silver is the highest award given to a scout leader within a council.

Peppito

Sergeant Peppito is on the Executive Board of the Puerto Rico Council, Assistant District Commissioner for Ramey AFB and adjacent areas and Assistant Base Scout Project Officer.

A member of the 53rd Weather Reconnaissance Squadron, Sergeant Peppito has six sons now active in scouting and two in the armed services.

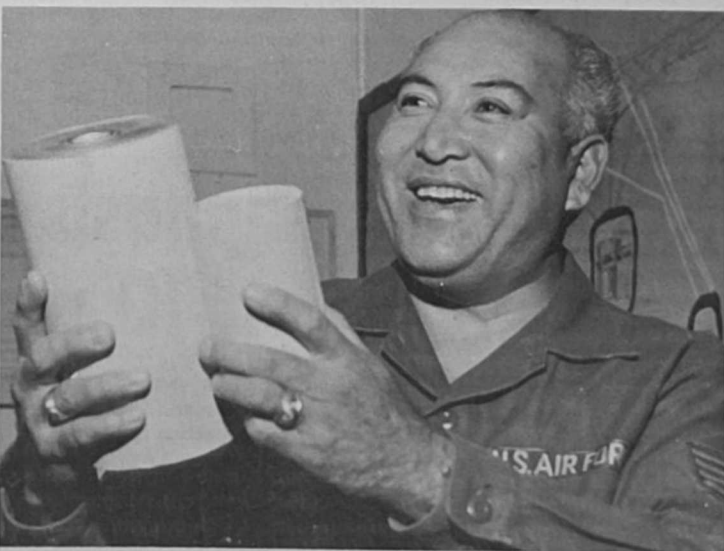


In congratulating the unit, Col. Thomas J. Arbogast, 2nd Wea. Wg. commander, pointed out that "Det. 51 is not only a specialized maintenance unit, but also a specialist in winning awards. This dedicated group of talented and experienced maintenance technicians have, over the past two years, maintained a high degree of professionalism in the maintenance and repair of all weather equipment on the European continent."

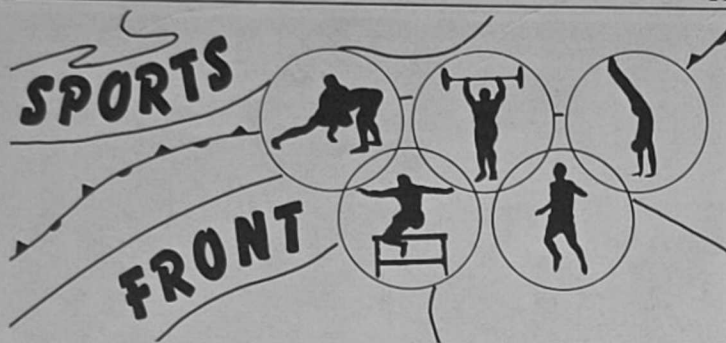
Responsible for maintenance and repair of meteorological equipment used by U.S. Air Force and U.S. Army installations in Europe, the detachments' technicians spend much time in the field on repair visits.

A significant detachment achievement was the movement of equipment from France under FRELOC. In FRELOC, the detachment trucked tons of meteorological equipment from units in France back to the maintenance shops at Wiesbaden.

Other awards garnered by Det. 51 include the AWS Outstanding Field Maintenance Shop Award for 1966; nine U.S. Air Force Safe Driver Awards; 21 individual Military Airlift Command Silver PRIDE certificates and 12 MAC Bronze PRIDE certificates.



"I CAN CUT IT!"-SSgt. Rudolph Garcia displays a roll of teletype paper (left) similar to those he cut - by hand saw - to get the proper size (right) for the Teletype machine.



By A1C Jesse L. Frey

FUCHU COURTMEN NET UPSET!

With only a 10-10 slate for the year, the 20th Weather Squadron basketball team had at least one bright spot during the season. Their final opponent of the year was the unbeaten conference leaders (1956th Communications Group.) The weathermen stunned the Fuchu Champs 54-50 ending the campaign dramatically.

55TH WINS IT ALL!

Basketballers of the 55th Weather Reconnaissance Squadron, McClellan AFB, Calif. have captured the American League court championship with a 13-1 log. Members of the squad included A1C Antonio F. Campos, A1C Clarence A. Bennett, Sgt. Joe R. Davidson, A1C Ron E. Baronoski, Sgt. John H. Alfiers, Sgt. Booker T. Ellis and A1C Richard D. Carroll.

BASEBALL CORNER



It's take me out to the ball game time of the year as all the pro clubs are tuning up for another season. Experts aren't picking a rematch of last years World Series opponents, although they sure don't count out the Cards.

At this point both leagues are a toss-up as usual. The National League Champs (St. Louis) will definitely be in the race, but the Pirates with the acquisition of Jim Bunning have high hopes of bettering last years sixth place finish. Cincinnati has a fairly young team and some promising pitchers in Gary Nolan and Mel Queen a converted outfielder -- and of course the great Jim Maloney.

Long time second division team Chicago Cubs pulled the surprise of the year finishing third and for awhile threatened to go all the way. Their young pitchers are winners and they have a fine slugging ball club -- Heads up National League, the Cubs are out to win!

It took 162 games to decide the American League champ last year and the way the league is shaping up in '68, it should be about the same situation.

The Detroit Tigers, 23 yrs. without a flag, have visions of one this season after losing it the last day of the season in '67. Hampered with major injuries in the closing stretch last year, Detroit is a hot prospect for a flag if they stay healthy.

If the Chisox find some sluggers -- Look Out! But until then it should be between Detroit, Minnesota and Boston.

This is the way I pick em for 1968:

NATIONAL

1. Pittsburgh
2. St. Louis
3. Cincinnati
4. San Francisco
5. Chicago
6. Atlanta
7. Philadelphia
8. Houston
9. Los Angeles
10. New York

AMERICAN

1. Detroit
2. Minnesota
3. Boston
4. California
5. Chicago
6. Baltimore
7. Cleveland
8. Washington
9. Oakland
10. New York

Minneapolis muscleman makes mark in middleweight division

NORTON AFB, Calif.—First Lieutenant Roger W. Sadecki, Det. 24, 15th Weather Squadron, has placed first in the middleweight division of the Southern California Association Weightlifting meet in Los Angeles.

The Minneapolis, Minn. native started weightlifting at the University of Minnesota where he collected a number of trophies, plaques and medallions.

He was Minnesota State Champion in 1966-67. The lieutenant acquired this title by winning the middleweight class in the AAU Senior National Weightlifting Championships. Lieutenant Sadecki was also the Wisconsin and Missouri State Champion in 1967.

A weather officer, Lieutenant Sadecki joined the Air Force in 1966 after working as a research analyst with the Minnesota Highway Department.



YOU BETTER BELIEVE THIS WEATHER BRIEFING—Lt. Roger W. Sadecki, Det. 24, 15th Weather Squadron, is champion middleweight of this years' Southern California Association Weightlifting meet. In addition to his barbell efforts, Lieutenant Sadecki plans the weighty task of graduate work in meteorology.

Retirees

The following AWSmen have recently retired:

Maj. Orval M. Bond, CMSgt. Thacker L. Grigsby, MSgt. Robert A. McDonough, MSgt. Johnie P. Mahoney, TSgt. Richard T. Digiulio, SSgt. Lovel Evans, SSgt. Martin L. Maguire, SSgt. Grover C. Nevel and SSgt. Marlin L. Simmons.

Lt. Col. Fred J. Franz, Lt. Col. Lowell A. Schuknecht, Lt. Col. Milton J. Svoboda and Maj. Glenn L. McKinley.

CMSgt. Arthur E. Stockel, TSgt. Billy R. Garner, SSgt. Charles F. Gillikin and SSgt. Charles W. Vosburgh.

Bronze Star

Maj. Edward F. Conlan, chief of scientific services branch, Aerospace Sciences Division, 5th Weather Wing, Langley AFB, Va., earned the Bronze Star for duty in Vietnam.

Major Conlan was cited for meritorious service with Hq. 1st Weather Group, Tan Son Nhut, from Dec. 7, 1966 to Sept. 28, 1967.

During this period he developed the initial policies and procedures for a highly successful classified project in direct support of combat operations.

SNOW JOB—Measuring the depth of a recent snow storm which struck Malmstrom AFB, Mont., is Sgt. Robert L. Eggum, Det. 6, 9th Weather Squadron. A surveying rod was needed instead of the usual rain gauge stick. The storm, the first major one of the season for Malmstrom, dropped temperatures to minus 20 degrees and created drifts of five to 15 feet.



'Emphasis on youth' by Det. 10 weathermen

FORT BENNING, Ga.—Weathermen of Det. 10, 16th Weather Squadron, have been exceptionally active in the Post's Youth Activities Club (YAC).

TSgt. A. J. Book spends about 15 hours a week in club work and has influenced other detachment members to participate.

Parents and players recently honored three of Det. 10's athletic coaches with a banquet feting

one of the YAC's championship teams. Each coach received a trophy and a Certificate of Appreciation awarded by the Youth Activities Club.

Det. 10 members contributing to the success of the YAC are Lieutenant's Frederick Howe and Kenneth Lord, TSgt. A. J. Book, Sergeant's Alexander Bush and Grady Keaton and A1C Joseph Menesale.



EXCUSE ME, GENERAL CUSTER--
HERE'S THE WEATHER FLIMSY.

