



AIR WEATHER SERVICE OBSERVER



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Headquarters, Air Weather Service, Scott AFB, IL.

November, 1975



BOND BUYERS of Air Weather Service earned the 1975 MAC Savings Bond Award presented by Lt. Gen. John F. Gonge, MAC vice commander, left, to Col. Berry W. Rowe, AWS commander. The award recognized AWS for having the most participation of any MAC technical service during the latest campaign. AWS had a 40.3 per cent participation rate. (U. S. Air Force photo)

Still serves Army

Det. gets new parent, job

FT. ORD, CA—Detachment 7, 5th Weather Squadron has a new designation and job. It was formerly a member unit of the 16 WS and served the U.S. Army Training Command. It is now part of the 5WS and supports Army combat activities.

The detachment's present

mission is mobile tactical field weather support of Seventh Division operations. To do this the unit organized what is termed organic weather teams. They are made up of forecasters and observers and almost become part of the Army unit when they are in the field for operations.

Peterson Det., Academy OL

Units aid Air Force Academy solar study

PETERSON ANGB, CO—The 12th Weather Squadron's Detachment 6, with an assist from its Operating Location A, is lending knowledge and support to a solar energy project underway at the Air Force Academy.

The project, which is an official Bicentennial Project, is to determine the validity of replacing conventional heating with solar heating systems.

Det. 6's role in this project is to monitor the weather conditions such as temperature, dew point, wind velocity and wind direction. Two homes, located in the same area and with identical floor plans, are the focal point of the project.

One of the test homes has a solar heating system. Solar collectors are located in the back yard and on the roof of the home. These collectors hold water that is heated by the sun then transferred to an underground tank where it is

stored until needed to heat the home.

The other test home has conventional heating and both homes are occupied by the same size families.

Each week TSgt. Ed Yeater, a weather equipment technician at Det. 6 along with Academy-based OL-A people, drives to the test sites where they calibrate the \$11,000 worth of equipment installed in and around the homes.

Although the project is in its initial stages, eventually data collected by the weather equipment will be automatically fed into a computer installed in the basement of the solar home.

With the help of the weather units and a touch of a button, the Academy's project directors can determine weather conditions, inside temperatures of both homes and the solar heating system's ability to respond to weather conditions.

Bock new airman advisor

SCOTT AFB, IL— Air Weather Service will soon have its fourth senior airman advisor. He is CMSgt. Howard M. Bock, who comes to the position from one as chief forecaster, Detachment 28, 25th Weather Squadron, Ellington AFB, TX.

Sergeant Bock, a resident of Wilmington, DE, entered active military service in 1951 when, at the onset of the Korean War, his Air National Guard unit, the 141st Weather Flight, was federalized.

The 24-year veteran has since served seven years in the United Kingdom, two years in Turkey, a year on Taiwan and at many locations throughout the U.S. His credentials include having served as the 3rd Weather Wing senior airman advisor from 1970 through 1973. While there he was specifically cited for his

aggressive visitation program as well as directly credited with the wing's increased retention rate.

In addition to having worked all facets of ground weather,



CMSgt. H.M. Bock

Sergeant Bock has extensive experience with meteorological satellite operations and imagery interpretation.

During his off duty time Sergeant Bock is active at home with his family, which consists of his wife, Patricia; son Glenn, 8; and daughter, Karen, 6. Another son, Eric, 21, is married and lives in Wilmington, and a daughter, Anita, is a student at Delaware University. His primary hobby is golf, but he admits to being, "so bad I don't even tell people my score."

His decorations include the Meritorious Service Medal and the Air Force Commendation Medal with Oak Leaf Cluster.

Sergeant Bock expects to be in position at Headquarters Air Weather Service on Dec. 1, 1975.

'Operation High Noon'

UK, U.S. weathermen in air meet

BARKSDALE AFB, LA—A British meteorologist joined local weathermen here to take part in the Strategic Air Command's exercise, "Operation High Noon," recently.

Detachment 20, 26th Weather Squadron, commanded by Maj. Royce F. Kapeller furnished weather support to the 2nd Bomb

Wing while David Taylor, the British meteorologist, supported the four Vulcan aircrews who took part.

Mr. Taylor, a civilian with the Royal Air Force (RAF), has worked in meteorology since 1956. He said he came because differences between U.S. and British Air Force weather briefings made individual support necessary.

Mr. Taylor has worked in Europe and North Africa but this was his first trip to the U.S. (see photo on page six.)

"Operation High Noon" included units from the Tactical Air Command as well as SAC and the RAF. It provided a comparative evaluation of each unit's ability to respond to simulated quick-response operational situations.



SOLAR HEATING is the specialty of this home, built at the U.S. Air Force Academy as part of a project to study use of solar energy. Weather related information for the project is being

monitored by Detachment 6, 12th Weather Squadron, Peterson ANGB, CO, and Operating Location A of Det. 6, at the Academy. (U.S. Air Force photo by A1C Neil Rubano)

Command Line



Colonel
Berry W. Rowe
AWS Commander

School, shifts to balance work

During my discussions with many of you during recent visits to field units I found that many AWS members share my conviction that the single career ladder will give the Air Force a professional, cost effective enlisted weather force.

AHEAD

In coming months, some of you will receive orders which reflect two recent decisions that I made to insure that we get on with making the new career field a reality.

First, we must begin including non-volunteers in the mandatory progression to forecaster training provision of the new airman single weather career ladder for 252X1 people. Authority was asked for such action from Air Force. This will result in some assignments to forecaster school for observers who indicated they preferred not to volunteer on the AWS Form 66 survey.

Second, we will begin transferring NCO forecasters from units having more than their fair share of AWS' people resources to units having less.

Both actions are related to the current overall shortage of NCO forecasters in AWS.

NOW

Currently we have on board only 83 per cent of our authorized NCO forecasters on an AWS-wide basis. But, as most of you in our detachments know, retirements and separations at some units have aggravated this shortage. For example, I find that one of our wings has only 72 per cent while another has 94 per cent; and some of the detachments are as low as 30-40 per cent. Detachments which urgently need help will continue to get it from their parent wing by TDY augmentation. These units will continue to receive priority attention in our redistribution efforts with MAC Personnel. For the long term, our best bet for solving this problem is through full use of the NCO forecaster training capacity at Chanute AFB, IL. Our "get-well-date" is 1977 and this is highly dependent on keeping our people in service and timely input to the Chanute school.

THE ANSWER

In the final analysis you, our AWS enlisted force, are the ones who will benefit most from the new weather career program. If you get behind it and help us make it work you will begin realizing the benefits at the earliest possible date.

River racer

Det. 21 launches bicentennial raft

CRAIG AFB, AL—Detachment 21, 24th Weather Squadron here, not only serves the red, white and blue, but recently sailed it. It happened when the unit entered the annual Selma (AL) Raft Race down the Alabama River in the unit's patriotically painted raft. (See picture below).

At the race's end, Det. 21 walked away with second place in the bicentennial theme competition, fourth place in the "Home Made" division and overall seventh place from a field of 208 entries. The crew's race time over the seven mile course was two hours and five minutes.

According to Maj. Gary L. Doty, unit commander, "This time was

outstanding considering that our raft lost its rudder at the start of the race and an oar had to be used as a rudder."

Due to the rudder loss, the first two miles of the event took the Det. 21 craft 55 minutes. At that point the crew was given a hammer and nails and minutes later a makeshift rudder guided the bobbing vessel. "If that rudder had not been lost Det. 21 probably would have come close to winning," Major Doty said.

Members of the crew were: Fetaque R. Winston, Daniel L. Kelly, William S. Wilkinson, Robyn M. Smith, Charles T. Christopher, Wesley C. Cook and Major Doty.

★ Personnel Shorts ★

Did you know that:

- * The leave "sell back" program was revised? Now enlisted people may sell 60 days leave to the Air Force only once during a career instead of each four years.

- * Human Relations Councils are now named Equal Opportunity Councils?

- * Race Relations is out and Human Relations is in?

- * Retired Pay inversion is a thing of the past? Military people on active duty are now assured of equal retirement pay if they elect to continue to serve.

- * The Privacy Act entitles you to see ALL of your records now?

- * The House voted to end the GI educational benefits for everyone who enters service after this year?

- * U.S. base residency is now 18 months for overseas assignments and 24 months unless waived?

Its a fact:

The needs of the Air Force include a knowledge of variations in the level of solar activity. The world-wide AWS solar observing network tells how the sun behaves. From this AWS forecasts conditions hazardous to man in space, ionospheric disturbances which affect radio communications and radar wave propagation. Attempts to improve on forecasts of severe weather using solar data are now being made.

Quote of note:

"Never in the history of warfare have weather decisions played such an important role in operational planning as they have here in Southeast Asia. Khe Sanh, the A Shau Valley and Kham Duc are only a few of many areas where weather has been a primary consideration in operational and intelligence planning."—letter from Gen. Creighton W. Abrams, commander, U.S. Military Assistance Command Vietnam, to the 1st Weather Group, Nov. 13, 1968.



FINAL TOUCHES go on Detachment 21, 24th Weather Squadron's raft at Craig AFB, AL. The raft was raced in the annual Selma (AL) Raft Race down the Alabama River. The unit placed second, fourth and seventh in the various

competitions of the day. Brushing on the last of the craft's bicentennial paint, left to right, are Steve Wilkinson, Dan Kelly, Wesley Cook, Gary Doty and Robyn Smith. (U.S. Air Force photo by SSgt. Buster Kellum)

— Swap List —

Each of the following AWS people wants to swap assignments with another person with the same AFSC:

30250—Sgt. Frank E. Roberts, 1327 Floyd Ave., Rome, NY, 13440, wants McGuire AFB, NJ; Nellis AFB, NV; or Tinker AFB, OK.

25150—A1C Barbara J. Perry, PSC Box 2334, March AFB, CA, 92508, wants Fairchild AFB, WA, or Buckley ANGB, CO.

25150—A1C Brent L. Cunningham, PO Box 224, Fort Lee AFS, VA, 23801, wants New Hampshire, Vermont, upstate New York, or any Rocky Mountain state.

25251—A1C Jeffrey W. Stuller, 5126 Goldsboro Dr., Apt-5, Hampton, VA 23605, wants Fort Meade, Bolling AFB, Andrews AFB, or anywhere in Maryland or Virginia.

Swap List

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)

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, IL, 62225.



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COLONEL BERRY W. ROWE
Commander, Air Weather Service
DAVID F. BARR
Editor

Sergeant to crew Guam-bound boat

ANDERSEN AFB, GUAM—Sergeant Mick? Seaman Mick? Are they both one? The answer is yes.

It was proven recently when Sgt. Barry Mick, Detachment 2, 1st Weather Wing, took his annual 30-day leave to become a sailor. He will be one of a five-man crew aboard the 51-foot ketch "Long Life" back to Guam from Taiwan for owner Niel Clark.

When Sergeant Mick heard Mr. Clark was seeking a crew to bring his Taiwan-built ketch to Guam he asked about it. He learned air fare to Taiwan, meals, etc. were free so he signed on.

For Sergeant Mick it was a chance to see other countries and

gain knowledge. The knowledge would bring him closer to his own dream, to sail the seas in his own 35-foot ketch. (The story of Sergeant Mick's boat-building project was carried in the AWS OBSERVER last March).

He said, "From Manila the Long Life will sail through the San Bernardino Straits to Guam, taking advantage of westerly and southwesterly winds that dominate that region at this time of year."

Sergeant Mick is building a 35-foot ketch which, when finished, will sleep six and be valued at more than \$30,000. Its fiberglass hull is now completed and work on the interior is under way.



WEATHERMAN 1st Lt. Ronald Heitz, left, Detachment 1, 1st Weather Wing, Nimitz Hill, Guam, tells 1st Lt. Scott Wecker, producer of an Air Force Now film, of the unit's support of the Joint Typhoon Warning Center. The film crew is collecting movie footage to be part of an upcoming film on the U.S. typhoon warning service in the Far East. (U.S. Air Force photo).



A CHILDHOOD HOBBY, painting, will be a second career for SMSgt. Jack Jenkins, Detachment 1, 11th Weather Squadron, Elmendorf AFB, AK, if he has his way. Here he puts the final touches on a work titled, "Alaskan Dahl Sheep." The four by eight-foot painting is the largest oil project the forecaster has done. It took more than 100 hours to complete and is now a permanent part of the Elmendorf Base Weather Station. (U.S. Air Force photo)

MSgt. Bill Cofield

Running becomes family affair

HICKAM AFB, HI—The Air Weather Service has a family here which apparently feels the family that runs together goes places together because it has made running a family affair.

The family is that of MSgt. Bill Cofield, MAC technical advisor to the 199th Weather Flight of the Hawaii Air National Guard.

In addition to Sergeant Cofield, the morning run each day includes son, Tony, and twin daughters, Alexis and Alysia. The younger

Cofields took their running a step further last summer when they ran for the Punahou, HI, Renegades Track Club.

Tony began running a year ago as a student at Gwinn (MI) Elementary School, a time when his father was chief weather observer at K.I. Sawyer AFB. The twins entered the sport last summer.

Alexis, Alysia and their brother have already tasted the excitement of track and field events,

having taken part in their school's 220-, 440-, and 880-yard dashes, as well as the mile event. They now intend to take part in the Renegade Club's cross country runs this fall.

Johnson gains AMS position

ANDREWS AFB, MD — Capt. Larry R. Johnson, 2nd Weather Squadron here, was recently elected recording secretary of the District of Columbia chapter of the American Meteorological Society (AMS).

His new office in AMS is not the first he has held. In 1972-73, while assigned at the Air Force Global Weather Central, Offutt AFB, NE, he was secretary of the Omaha-Offutt AFB chapter.

NWS lists cyclone names

By international agreement, tropical cyclone is the general term for all cyclonic circulations, including hurricanes, originating over tropical waters. The National Weather Service's alphabetical list of hurricanes for 1975 will be named: Amy, Blanche, Caroline,

Doris, Eloise, Faye, Gladys, Hallie, Ingrid, Julia, Kitty Lilly, Mabel, Niki, Opal, Peggy, Ruby, Sheila, Tilda, Vicky and Winnie.

Names beginning with Q, U, K, Y and Z were not included because of their scarcity. (AFPS)

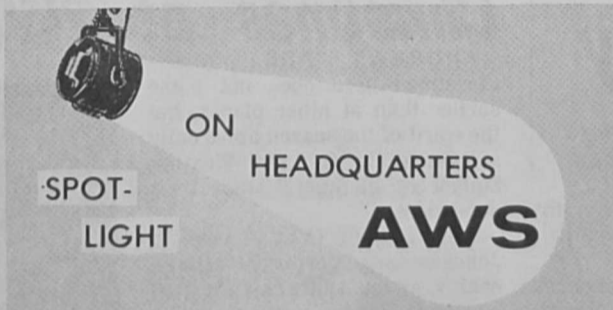
Two questions frequently asked by weathermen with a new piece of equipment are: How do I use it and how did it get here? Both questions can be answered by the Environmental Sensors Directorate—DOS.

Increasing sophistication and costs of equipment require a systems approach to management. In early 1975 AWS operations aligned its directorates more closely with functional responsibilities. A new directorate, DOS, combined programs, testing and distribution of weather equipment with applications of the equipment. This made DOS the AWS agency responsible for ground weather sensors from the time Air Force approves and funds for new equipment until it is in use in the field. DOS is the second largest of six operations directorates and is managed by Lt. Col. Larry French. It has two divisions, Sensor Programs and Testing or DOSP and Sensor Applications (DOSA).

PROGRAM AND TESTING

DOSP has three main jobs.

D
O
S



First, it is the AWS program manager for new ground weather sensor development and it functions between AWS and the Electronic Systems Division of the Air Force Systems Command (AFSC). AFSC develops weather equipment.

DOSP sees that equipment specifications are compatible with logistics, communications, safety, training and technical needs to make an effective system. DOSP also monitors programs through early phases of development and testing. It monitors on site to ensure that new equipment does what AWS needs.

DOSP's second responsibility is initial operational test and evaluation or IOT&E. This job takes place during the latter phases of equipment development. AWS completed its first IOT&E last summer when the Solar Observing Optical Network was tested at Palehua, HI. IOT&E is vital to equipment acquisition because it decides if AWS will buy or not buy.

DOSP's third responsibility is to manage AWS' current weather sensors. In this role the division is closely involved with AWS units. All unit requests for fixed or tactical equipment are reviewed to insure that justification is

adequate, if the equipment is available, and that the request doesn't conflict with other plans. DOSP also serves agencies such as the Army, Navy and National Weather Service and processes their requests for AWS equipment.

APPLICATIONS

DOSA's foremost responsibility is to inform units about sensor systems, the capabilities of the systems, how to get information from them and what that information means. Examples are the radar manual, barometry manual and space environmental

support systems (SESS) regulations.

A second responsibility is to see that these sensor systems are located to provide the best data coverage. This may be the distribution of sensors on an air base, their location in a combat area or a Defense Meteorological Satellite Program (DMSP) van for regional coverage, or even the location of sensors on a global basis.

Some examples of coming sensors are: lightning warning sets which will go to installations on the basis of lightning threats as shown in statistical analyses. Another is a DMSP direct readout designed to go to a tactical environment via C-130 or C-141 aircraft. Another is the Solar Optical and Radio Solar Telescope Networks.

SUMMARY

It is DOS people who get the right hardware and applications know-how to the right people to better do the Air Force, Army and AWS mission.

by
Capt.
Ken
Kullberg

2nd Lt. Christine Shoup

She aims for airborne duty

OFFUTT AFB, NE—Air Force Global Weather Central (AFGWC) has an officer who puts no frills on her work in the applications branch, but like her co-workers, "calls 'em as she sees 'em." She is 2nd Lt. Christine Shoup, one of the office's newest arrival.

Lieutenant Shoup first became interested in meteorology, while in the seventh grade. Her interest finally led her into meteorology at Penn State University from which she graduated and was assigned to AFGWC after being commissioned.

She said, "Penn State was an excellent school for meteorology, however there we dealt more with dynamics and theory. It was quite different from the practical experience I get here at AFGWC."

Lieutenant Shoup is a tropical analyst and forecaster. About her work she said, "It gives me a good background for a possible assignment in aerial reconnaissance. I would like to do that in the future."



2nd Lt. Christine Shoup

Det. 11, 24WS

DETCO addresses class

REESE AFB, TX—Maj. John C. Reimer, commander, Detachment 11, 24th Weather Squadron here, was guest speaker at a local elementary school science class recently.

Major Reimer, now a member of the Reese AFB Speaker's Bureau, talked about the rotation of the earth.

The Speaker's Bureau, which is

part of every base's Information Program provides Air Force members as public speakers on subjects for which they are highly qualified. The program not only gives speakers an opportunity to better their confidence and speaking ability, but provides local communities exposure to the expertise contained in their Air Force.

Falzgraf dies

SCOTT AFB, IL—Lt. Col. Bryan Falzgraf (USAF, Ret.), a longtime member of the Air Weather Service family, died Oct. 21, 1975 at Scott AFB, IL's USAF Hospital. His family asks that memorial donations be made to the American Cancer Society.

'Elves' hard at work

Christmas at 2WS already underway

ANDREWS AFB, MD—Christmas here does not come earlier than at other places, but the spirit of the season apparently arrives early for 2nd Weather Squadron members and their dependents.

According to Capt. Larry R. Johnson, unit information officer, each year the Andrews AFB area weather wives prepare for Christmas months in advance. They create ceramic items, hand puppets, decorations and other arts and crafts to sell during the base Officers' Wives Club Bazaar.

The bazaar proceeds, in turn, support various benevolent activities.

This year the weather people plan to sponsor their ninth consecutive Christmas party for local under-privileged children.

Last year the \$1,500 raised by the bazaar clothed 15 children and provided them a full Christmas dinner.

During the dinner last year, Santa Claus arrived and gave toys and a take-home food basket to each child.

Weatherman gets one-of-kind title

ISLEHAM, UK—The recent annual St. Margaret-tide festival of the Servers' Guild here had one man taking part who was a one-of-a-kind and a weatherman. Lt. Col. Richard H. Klodnicki, now assigned to Air Force Global Weather Central, Offutt AFB, NE, but then commander, Detachment 20, 2nd Weather Wing, RAF Mildenhall, UK, was part of the ceremony.

Colonel Klodnicki, who shared the honored position of light

Becky Sullivan

AWS wife enters USAF

SCOTT AFB, IL—Maj. Albert Sullivan, Headquarters Air Weather Service here, recently put Becky, his wife, to work; he administered the oath which made her an Air Force captain. She entered active military duty as a first-year resident of the Scott AFB Family Practice Clinic.

Becky, while making homes for her family at March AFB, CA; Chambley AB, France; Ramstein

AB, Germany; Offutt, AFB, NE—twice; and now at Scott AFB, became the mother of two children. During those years she continued her education to earn a bachelor of science degree in chemistry, master of science in pharmacology and finally her M.D. (Doctor of Medicine). During all of this she worked two years as an air pollution research chemist.

The occasion was a procession of witnesses followed by a talk by the parish vicar on "Vocation and Dedication."

After the service the Klodnicki family were honored by parish members for their active parts in church work.

ASTP DoD resources manager lauds branch

OFFUTT AFB, NE—The Air Force Global Weather Central Space Environmental Support Branch was recently lauded for its part in the Apollo-Soyuz Test Project (ASTP). The recognition came from Brig. Gen. Don M. Hartung, Department of Defense

manager of resources of ASTP.

The letter stemmed from the branch's provision of five significant solar-geophysical events in addition to routine high frequency radio propagation bulletins.

Weather gear today eats considerably less

Weathermen of today forecast weather several days in advance for practically any spot on earth. They use satellites in outer space, telescopes which all but defy belief and equipment which, but a few years ago, was unimagined.

What would a weather station look like if it had to rely on "equipment" used centuries ago—when our bicentennial was unthought of?

The station would have to stock such equipment as sea ducks, herons, swallows, hogs, bats, hounds and donkeys—and food for all of these. Why? So they could be watched in order to make forecasts.

If the sea ducks left land for the sea, if herons and swallows sang loudly and flew high, and if bats

flew earlier in the day, the forecast would be for fair weather.

On the other hand, if the donkeys brayed more often, hogs played, then scattered their food, or carried straw in their mouths, the forecast was for rain. The same forecast came if the hound had belly noises louder than usual.

Such forecasts might be in line with bicentennial recognition, but it is highly doubtful that a pilot or space scientist would be comfortable with the forecast method used.

Air Weather Service encourages participation in the bicentennial celebration—but for the mission, its people will stick to today's forecast methods. (Information supplied by Det. 15, 24WS, Vance AFB, OK.)



CHRISTMAS PREPARATIONS begin early for weather dependents. At 2nd Weather Squadron, Andrews AFB, MD, (left to right) Greg Youngblood and his mother Sue, and Heather Johnson and her mother AFB Officer's Wives Club Bazaar. The proceeds of the bazaar last year erased the bleakness of Christmas for 15 underprivileged children in the D.C. area. (U.S. Air Force photo).

Pinpoint forecast aids Mars shot

PATRICK AFB, FL—"From about two to three hours before liftoff, right up to liftoff, we were on the phone to the weather people," said John Neilson, Kennedy Space Center director of unmanned launch operations.

At T-minus eight minutes the weatherman said, "I'll give you 10 minutes to get off."

In those dramatic words, Mr. Neilson told the whole story of the

professionalism of the people of Detachment 11, 2nd Weather Squadron here. Within minutes the second Viking mission to Mars soared away from Cape Canaveral AFS, FL. Five minutes later a storm raged in from the Atlantic Ocean, pounding the Cape area with rain and high winds.

The accuracy of the detachment's forecast, and launch actions based on it, allowed the 160-foot tall Titan-Centaur missile (LEFT) to push itself up through heavy cloud cover and on its 505-million mile journey to the red planet.

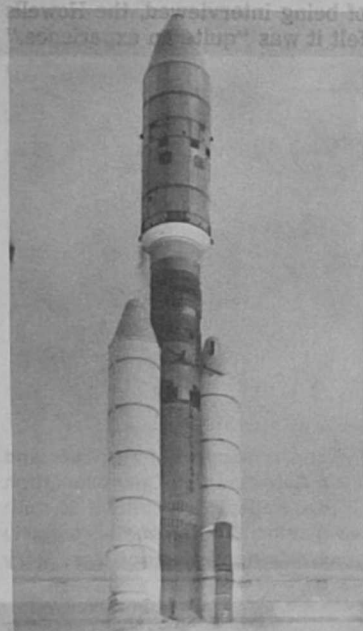
According to Maj. John Orbdorff, unit information officer, the forecast, to a great degree, was influenced by the field mill.

The field mill is a part of the Launch Pad Lightning Warning System. It measures the vertical electrical potential from charged clouds in the vicinity of the sensor.

Its readings are transformed into a pulsating DC current which registers on a strip chart recorder. A computer processes the data and displays digital readings of the field potential, lightning strokes, distance to strokes, and an approximation of what an observer could report if at the mill site.

The system showed forecasters that the Viking had an extremely short period of time in which to be launched before lightning would be in the launch area.

Watching the forecasters at work during the Viking launch were: Col. Joseph J. Hope, 2WS commander, and Col. Leon R. Tucker, Det. 11, 2WS's new commander and the Air Force Eastern Test Range and Air Force Applications Center staff meteorologist.



A WINNING TIME was given the men who launched the Viking Mars mission at Cape Canaveral AFS, FL, by Detachment 11, 2nd Weather Squadron, Patrick AFB, FL recently. The detachment people gave them 10 minutes to launch before a storm was to hit. Minutes later the missile was racing into overcast skies and five minutes after that, as forecast by the weathermen, a storm struck. (NASA photo).

Det. 5, Det. 3 merge

United units serve two commands



TRAINING NEVER STOPS in the newly configured Detachment 3, 12th Weather Squadron, Malmstrom AFB, MT. Here TSgt. Philip E. Kumm, rear, chief observer, instructs Amn. Lauretta DeBonis on preparation and transmission of forecasts. (U.S. Air Force photo)

MALMSTROM AFB, MT—Detachment 3, 12th Weather Squadron and Det. 5, 9WS were recently consolidated.

The action came as part of a plan to unite weather units located on the same installation but which serve different commands. On Malmstrom AFB, the commands served by different weather organizations were the North American Defense Command (NORAD) and the Strategic Air Command (SAC).

Ninety days before the consolidation a test took place. The units monitored and logged all tasks, training of people in SAC-NORAD procedures and participation in the commands' exercises.

The new unit carries the designation Det. 3, 12WS and provides weather support of the 24th NORAD Region, which includes three fighter squadrons and 14 radar sites. It also supports the 341st Strategic Missile Wing, which manages and supports four missile squadrons scattered throughout 23,000 square miles.

Additionally, Det. 3 serves the Air Force's last B-57 squadron, the 17th Defense Systems Evaluation Squadron, as well as an Aerospace Rescue and Recovery Service detachment and a SAC air refueling squadron's detachment.

12th tops Ent's CFC drive first

ENT AFB, CO—The first unit here to report 100 per cent participation in the 1975 Combined Federal Campaign was the 12th Weather Squadron here.

The 22-member organization averaged more than \$25 per person.

48 AWS officers get nod for permanent tracks

Air Force recently announced the names of Regular officers selected for permanent promotion to captain. The promotions will become effective on the person's completion of seven years service, but will involve no insignia change.

Weathermen selected were: Thomas D. Accola, Charles L. Allen, Dale S. Ambos, Robert M. Arn, Donald W. Bishop, Raymond G. Bonesteele, Donald G. Buchanan, Timothy R. Campbell, Douglas Be Cone and Thomas D. Corey.

Paul F. Demmert, Richard Durham, Thomas G. Egelston, John R. Ernst Jr., John F. Everett, David M. Garrison, William K.F. Grant Jr., Robert C.

Henry Jr., Stephen M. Horn, Keith D. Hutchison, Don W. Janssen, Andrew J. Johnson and Jeffrey W. Johnson.

Larry R. Johnson, William R. Johnson II, William A. Juhl, Edward H. Kelly, John M. King, James W. Koehler, George G. Koenig, Valente Macias Jr., William P. Meyler, Frank J. Misciassi, Thomas M. Myers, Kenneth Y. Nozaki, James T. Parker, Clifford M. Rudy and Horst A. Schenk.

Francis T. Schneider, Michael M. Snapp, Jack R. Stickel, John V. Stonge Jr., Dick Y. Tanabe, Richard A. Todd II, Robert N. Trapnell Jr., Tom W. Utley Jr., Joseph R. Wagenhofer and Rodney N. Yama.

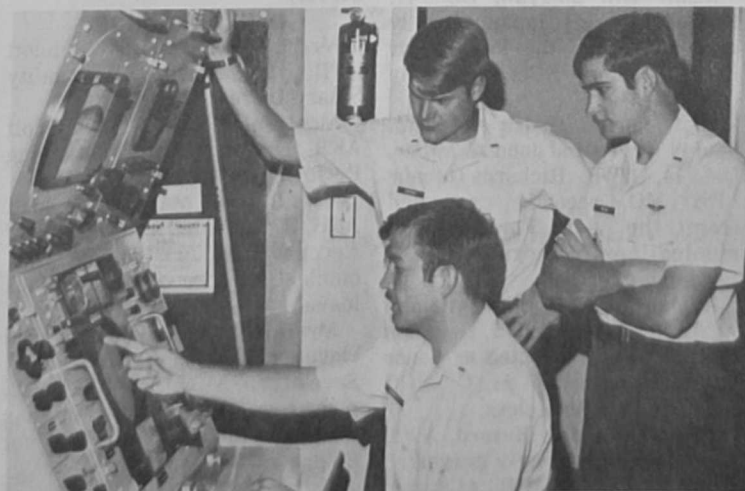
Det. 11, 24 WS

AWS unit tutors waiting students

REESE AFB, TX—Waiting means learning for future and former pilot training students here. They now receive training and orientation by on-base organizations while waiting to enter pilot training or assignment following it.

Detachment 11, 24th Weather Squadron here, according to detachment commander Maj. John Reimer, provides part of that training.

Describing the program as two-fold, Major Reimer said, "First, it gives students a background in the structure and mission of the Air Weather Service and its base weather stations. Secondly, through the detachment's library and seeing its people at work, students study practical aviation meteorology in greater depth than is normally available in the weather portion of pilot training."



WATCHING WEATHER ELECTRONICALLY as part of the Reese AFB (TX) training and orientation program are 2nd Lts. Robert Herring, left, and Russell Urdahl, right. Explaining the FPS-77 weather radar is 2nd Lt. Reginald Kennedy, Detachment 11, 24th Weather Squadron, Reese AFB. (U.S. Air Force photo)

ADiv. athletic officer title goes to AWSer

FORT LEE AFB, VA—Gregory W. Judge, Detachment 41, 12th Weather Squadron here, recently became the 20th Air Division athletic officer.

Since coming to Det. 41, Greg contributed much to the Fort Lee athletic program. He won second place in the latest wrestling

tourney's 180-pound class; first place in the post track and field meet's discus throw and was a multi-sport coach. He coached the paddleball team, cross-country team, track and field team and the wrestling team.

He is also an official during football season.

DMSP alert warns people about Hurricane Eloise

KEESLER AFB, MS—When Eloise twisted around as she slithered across the Caribbean, all eyes were on her—certainly the eyes of weathermen were. Eloise's gyrations were not tantalizing; they were potentially deadly. Eloise was a hurricane.

One of the many ways used to monitor Eloise's progression was the Defense Meteorological Satellite Program (DMSP) here. The DMSP is a Defense Department program managed by a program office at the Space and Missiles Systems Organization

(SAMS0) in Los Angeles, CA. Weathermen teaching its operation are here at Keesler AFB, headed by Capt. Jerry McDuffie, who is aided by Capt. Ron Kaehlert and Dave Danielson.

From a satellite in space, weathermen watched the wayward hurricane move westerly across Hispaniola, Puerto Rico and just south of Cuba. The following morning, Sunday, the Miami forecast for it to continue westward across Yucatan and into Mexico.

On Sunday afternoon the DMSP section detected the storm's center to be one and a half degrees further north from where it was previously considered to be. Information from this discovery along with other data received that afternoon, was enough to change the Miami Hurricane Center's forecast. Now it looks like Eloise would move northward east of Mobile, AL.

The DMSP people's contribution to the storm reconnaissance helped the hurricane center people in sufficient time to prepare for the storm.

Nationwide

Home puts pair on TV

LITTLE ROCK AFB, AR—When 2nd Lt. David Howell and his wife, Diane, of Detachment 20, 15th Weather Squadron, here, decided to buy a home they didn't know it was going to end up in millions of living rooms across the country.

The home the weatherman bought was a specially insulated house—an energy saving house—in Jacksonville, AR. They made their way into nationwide living rooms when Jules Bergman, ABC scientific news editor and reporter interviewed them.

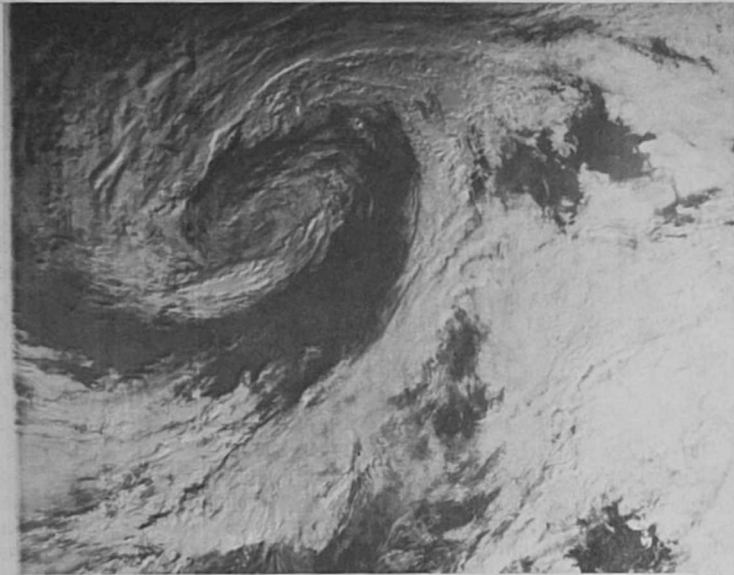
walls. Its ceiling has 12 inches of insulation. Windows are double paned, what there are of them, and heating and air conditioning ducts traverse the lower ceiling which prevents heat and cold from being lost in the attic.

During the interview by Mr. Bergman, the Howells told him that their electric bill in August was only \$19, a savings of \$25 since the preceding May. Their neighbors pay twice as much.

When asked what they thought



INTERNATIONAL WEATHERMEN join to support American and British aircrews during the Strategic Air Command's "Operation High Noon." Left to right are: Maj. Royce F. Kappeller, Detachment 20, 26th Weather Squadron commander; Dave Taylor, British meteorologist; and Capt. Howard L. Robinson, Det. 20, 26WS' wing weather officer. Story on page 1. (U.S. Air Force photo)



HURRICANE ELOISE makes its way across the Caribbean, at first with winds exceeding 35 knots. The next day it changed course from west to north, toward Alabama, as its winds reached 45 knots. (DMSP Photo)

AWS Salutes...

MEDALS

Col. Berry W. Rowe, AWS, Scott AFB, IL; first oak leaf cluster (OLC) to the Legion of Merit.

CMSSgt. John F. Dee, 1st Weather Wing, Hickam AFB, HI; Meritorious Service Medal (MSM).

Capt. Robert Taiclet, Operating Location B, Air Force Global Weather Central (AFGWC), Boulder, CO; MSM.

Maj. Arthur H. Ahrens Jr., 1WW, Hickam AFB, HI; MSM.

Maj. Lawrence E. Boyd, 2WW, Ramstein AB, Germany; MSM.

Maj. Truman Parker, AWS, Scott AFB, IL; first OLC to the Air Force Commendation Medal (AFCM).

Capt. Bruce D. Altenhof, AWS, Scott AFB, IL; second OLC to the AFCM.

Capt. Robert R. Willhoite, AWS, Scott AFB, IL; first OLC to the AFCM.

Capt. Larry L. Patzer, AWS, Scott AFB, IL; first OLC to the AFCM.

CMSSgt. Charles F. Schutte, AWS, Scott AFB, IL; second OLC to the AFCM.

TSgt. John C. Bumgardner, Detachment 15, 24th Weather Squadron, Vance AFB, OK; first OLC to the AFCM.

Capt. George E. Wortham, OLB, AFGWC, Boulder, CO; first OLC to the AFCM.

SSgt. William M. Ford, 1WW,

Hickam AFB, HI; first OLC to the AFCM.

Capt. Thomas E. Pratt, 2WW, Ramstein AB, Germany; first OLC to the AFCM.

Capt. Richard L. Nieman, Det. 30, 1WW, U-Tapao RTNA, Thailand; first OLC to the AFCM.

Maj. Evert A. Schmidt, 2WW, Ramstein AB, Germany; Joint Service Commendation Medal.

TSgt. Hector R. Navedo-Figueroa, now assigned to the weather forecaster course, Chanute AFB, IL; Indiana National Guard Commendation Medal for service as technical advisor to the 163rd Weather Flight, Baer Field, Fort Wayne, IN.

EDUCATION

MSgt. John Brady, Det. 17, 20WS, Yokota AB, Japan; Career Education Certificate in weather forecasting from the Community College of the Air Force.

SERVICE SCHOOLS

In the MAC NCO Academy's class 76-2 Air Weather Service people claimed several top spots. These were: **SSgt. James A. Hoy**, Det. 3, 5WS, Ft. Bragg, NC; honor graduate. Distinguished graduates were: **TSgt. John M. Stefancik**, Det. 8, 5WS, Ft. Riley, KS; **TSgt. Donald O. Novak**, Det. 41, 12WS, Ft. Lee, VA; and **TSgt. Boyd C. Owens**, Det. 21, 24WS, Craig AFB, AL. **MSgt. Paul A. Murphy**, Det. 30, 26WS, Craig

AFB, AL. **MSgt. Paul A. Murphy**, Det. 30, 26WS, Kincheloe AFB, MI, was a member of the Academy Honor Team; an honor given to only two of the 136 students.

Other AWS people in the class were: **TSgt. Francis J. Adamczyk**, OL-D, 1WW, Palehua, HI; **TSgt. William J. Hause**, AFGWC, Offutt AFB, NE; **TSgt. Andrew B. Hays**, Det. 2, 6WS, McClellan AFB, CA; **TSgt. John J. Hewitt**, AFGWC, Offutt AFB, NE; and **SSgt. Kenneth D. Hill**, Det. 3, 7WS, Heidelberg, Germany.

MSgt. Will Sibayan, Det. 17, 20WS, Yokota AB, Japan, recently graduated from the Pacific Air Force Senior NCO Academy (SNCOA).

SSgt. John J. Walsh and **Sgts. Saul W. Leyva** and **John A. Miller**, Det. 14, 12WS, Richards-Gebaur AFB, MO, recently graduated from the Air Force Communications Service NCO Leadership School.

At McGuire AFB, NJ, **SSgt. John M. Taylor**, Det. 6, 12WS, Peterson Field, CO, was selected as honor graduate of his MAC NCO Leadership School class.

SMSgt. David L. Buzard, AWS, Scott AFB, IL, recently graduated from the Gunter AFB, AL-based USAF SNCOA, as did **SMSgt. Charles T. Melson**, 5WW forecaster, Langley AFB, VA.

UNIT HONORS

Sgt. Penny L. Decker, Det. 2,

1WW, Andersen AFB, Guam; NCO of the Quarter (NCOQ).

TSgt. Donald O. Novak, Det. 41, 12WS, Ft. Lee AFS, VA; NCOQ. **Amn. Deborah A. Chestnutt**, Det. 41, 12WS, Ft. Lee AFS, VA; Airman of the Quarter (AOQ).

St. William L. Burton, a maintenance technician, Det. 18, 20WS, Yongsan AI, Korea, recently became MAC NCOQ for Korea.

A1C Frank M. Loudon, Det. 20, 24WS, Laughlin AFB, TX, is his base's AOQ. He is a weather observer.

CIVILIAN HONORS

Mrs. Helen Severit, AWS, Scott AFB, IL; awarded a Quality Salary Increase.

Mrs. Helen Balen, AWS, Scott AFB, IL; awarded an Outstanding Performance Award.

Miss Irene O. Maue, AWS, Scott AFB, IL; awarded a Certificate of Recognition for having accumulated 1,500 hours of sick leave.

Mrs. Vivian Payne's recent elevation to AWS Ground Safety Specialist, AWS, Scott AFB, IL, made her one of but three civilian women in the MAC safety career field.

PROMOTIONS

Robert G. Chadwick Jr., administrative specialist, Det. 11, 12WS, Luke AFB, AZ, to technical sergeant.

David E. Eyman, ad-

ministrative supervisor, Det. 14, 12WS, Richards-Gebaur AFB, MO, to technical sergeant.

BIRTHS

KURDY, SSgt. and Mrs. Edward T., son, Anthony William, Sept. 3. Father is assigned to Det. 18, 20WS, Yongsan AI, Korea.

MENDOLA, 2nd Lt. and Mrs. Christopher P., son, Christopher Benjamin, Sept. 9. Father is a weather officer, Det. 29, 25WS Buckley ANGB, CO.

MADURA, Maj. and Mrs. John t., daughter, Tiffany Marie, Sept. 9. Father is assigned to OL-F, Hq. AWS, Los Angeles, CA.

STOLZE, SSgt. and Mrs. Kent E., daughter, Jennifer Ann, Sept. 10. Father is an administrative specialist, Det. 29, 25WS, Buckley ANGB, CO.

GALBRAITH, Sgt. and Mrs. Clifford M., son, Dennis Robert, Sept. 20. Father is an observer, Det. 7, 5WS, Ft. Ord, CA.

DORAN, SSgt. and Mrs. Donald C., son, Timothy Stephen, Sept. 25. Father is a data monitor, Det. 7, AFGWC, Carswell AFB, TX.

MARRIAGES

A1C William E. Patterson Jr., Det. 12, 25WS, George AFB, CA, married Deborah Kay Eyman in her hometown, Cincinnati, OH.

Capt. Gregory Ventura, AFGWC computer programmer, Offutt AFB, NE, married Rose Marie Quintos, Sept. 26.

A lesson from history

One of history's most important dates was 1588. It was then that England gained sea supremacy worldwide by turning back the seemingly invincible Spanish Armada—with the aid of weather.

For a decade or more before, Catholic Spain, under King Philip II, and Protestant England, under Queen Elizabeth, were technically at peace. It was an uneasy peace, however, punctuated on England's side by bold privateers who plundered Spanish ships bringing gold and silver from the New World. To Philip's consternation, Elizabeth disowned, but did not disturb the plunderers, for in them she saw the makings of a Royal Navy whose buccaneers could be her admirals if necessary.

Things came to a head in 1584 when Elizabeth, convinced of Philip's involvement in a plot to assassinate her, expelled the Spanish ambassador from England. Both countries prepared for a war that would decide the mastery of the seas and possibly the religion of the civilized world.

Philip assembled the largest armada thus far known in history to invade England—some 130 vessels, half cargo and half men-of-war. To combat them, Elizabeth sent 82 ships, commanded by Lord Howard. The first skirmish took place in the English Channel on July 19th.

If the Armada had attacked Lord Howard's vessels to the leeward as they struggled to clear the English coast against westerly winds, the battle would have been a disaster. Instead, the English gained the windward side and for nine days, having gained the weather advantage, dogged the Armada as it ran before westerly winds up the channel.

English cannons were too accurate for the lumbering Spanish

mistake; it anchored at Calis Roads, France on July 27th. Two days later, when they again put to sea, the English were waiting. The Spanish fought bravely but used poor seamanship and gunnery. For eight hours the main engagement of the war went on and the Spanish lost many ships and had more than 8,000 of its men killed or wounded.

With such losses, the order was given for the Armada to with-

draw—a broken and battered fleet weather got worse. Winds shifted northwesterly and allowed the gale

Sea. The English, who did not lose a single ship, were short of food and ammunition, turned back to their ports. For the remnants of the Armada, troubles were not at an end. They had no safe haven except in Spain. Scotland was hostile and Irish ports were held by English troops.

As the Armada's injured ships and starved men made their way around the British Isles the

intensity as the seas became mountainous. Masts shattered; sails tore; and day after day vessels sank or were abandoned. The dead, around 5,000 of them, were dropped into the sea—where their horses and mules had preceded them.

Seventeen ships were driven by the gales onto the rugged Irish coast and destroyed. At Sligo alone, 1,100 drowned Spaniards

hed ashore.

Of the 130 vessels that set sail from Spain, 54 returned; of the 27,000 men, 10,000 made it back—most of whom were sick or wounded. When told of the outcome, King Philip reportedly said, "I sent them to fight the English, not storms."

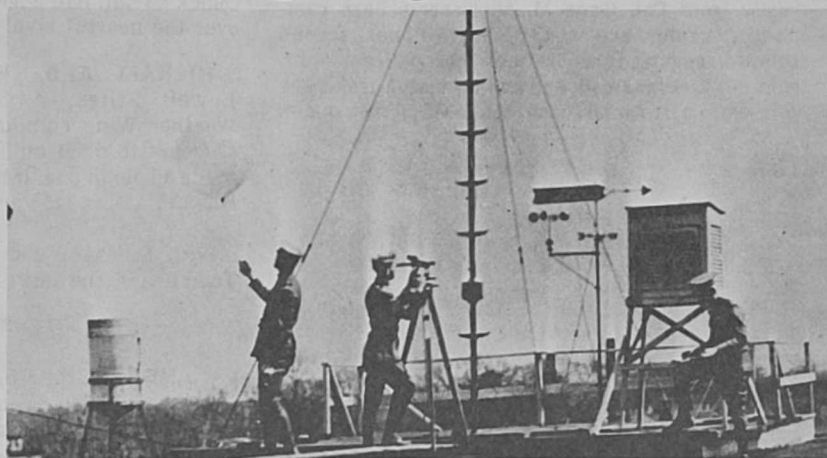
Historians Will and Ariel Durant wrote, "The defeat of the Armada affected almost everything in modern European civilization."

Winston Churchill noted, "To the English . . . the defeat of the Armada came as a miracle."

A medal struck to commemorate the victory bears the inscription, "Afflavit Deus et Dissipantur" or "God blew and they were scattered."

"Elizabeth and her seamen knew how true this was," Mr. Churchill concluded. "The Armada had indeed been bruised in battle, but it was demoralized and set to the run by the weather."

AWS' 'Yesteryear' was . . .



A GROUP OF WEATHERMEN prepare to launch and track a weather balloon to record data. The year was 1934 and the best launch site was just as shown here, from a top fire roof of a building. (U.S. National Archives photo)

Presidents display courage, character

As America approaches its second hundred year as a nation, the country's leaders, past and present, stand out as examples of how democracy works. They have been from families which were land owners, store keepers, bondsmen and even frontiersmen.

Each of these Presidents had special characteristics needed by their nation—and each had unusual events connected with them. As selected from the MAC News Service, here are two.

A man of contrasts

As a boy he was so shy he was almost unable to look anyone in the eye. He was unbelievably lazy—he even said so himself. His aversion to work was so well known that the folks in his hometown even nicknamed him "Useless."

When he was of age, his father gave him the option of going to West Point or working in a local tannery. Since work was a disgusting thought to him, he resigned himself to attending the military academy.

Four long years later he wasn't yet classified as a failure, even though he failed to graduate in the top half of his 39-man class at West Point.

After serving through the Mexican War and several Pacific Northwest outposts, he had nothing on his record to show he

was anything but mediocre. In his personal life, he had been introduced to "John Barleycorn." Alcohol began to make his average duty performance suffer. Eventually he was forced to resign from military service.

With money borrowed from a former classmate, he went to his brother's home in Galena, IL, 180 miles west of what is now Chanute AFB, and 260 miles north of present day Scott AFB. There he tried his hand, unsuccessfully, at clerking in his brother's store.

Several discouraging years later, broke and bored, "Useless" volunteered to train recruits when the Illinois governor put out the call. Shortly thereafter the governor assigned him to a desk job. Then, quite unexpectedly, he was notified he was a full colonel in the Illinois Volunteers.

One month later Fort Sumter, in Charleston harbor, was attacked and the Civil War erupted.

Booze, bugles, battles and bungling superiors later, "Useless" had built a reputation as a ferocious fighter and wore the stars of a general.

His superiors disappointed President Abraham Lincoln with their errors and failure to win battles—sometimes even to fight. Acting on instinct, the President suddenly named him commander in chief of the Army and things

began to change. Several bloody but victorious battles later he accepted Gen. Robert E. Lee's surrender and the war ended. Gen. Ulysses Simpson (Useless) Grant had earned a new nickname—"Unconditional Surrender" Grant.

Despite his weakness for whiskey, Grant was a gentleman. He didn't swear and would not even listen to an off-color joke. Once one of his officers, about to tell such a joke, prefaced his tale by saying, "I see there are no ladies present, so . . ." Before he could go on, General Grant interrupted to say, "To be sure—but there are gentlemen present." The joke went untold.

A national hero, Grant was drafted for the Presidency by the Republican party—and won.

After he left the nation's top office, and with no pension plan for former Presidents yet enacted, he was again broke. This time his family was severely threatened by his financial problem—and Grant learned he had cancer.

When Samuel Clemens (Mark Twain) offered him royalties for his memoirs, Grant jumped at the chance. The courage of "Unconditional Surrender" Grant surfaced and in his pain he began dictating his life's story.

Finally, his voice failed under the unbearable pain in his throat.

From under blankets and shawls he scribbled with pen and ink. After moving to Saratoga, NY, and so weak and pain-wracked he could hardly move, Grant laid down his pen. The two-volume manuscript was finished—and so was the brave general and President. Seven days later he died.

He lost his battle with death after wagering his life against financial security for his family. In his loss he won. The book earned \$450,000 and further insured President Grant's place in our American Heritage.

What's in a name

Gerald R. Ford is President of the United States and is from Grand Rapids, MI. Practically any American will agree with that statement.

Ask that same American to identify Leslie Lynch King Jr. and probably not one in a thousand could identify him, much less tell you his birthplace.

Leslie Lynch King Jr., while still a small boy, moved away from his Omaha, NE, birthplace with his mother. He had been born not far from Offutt AFB.

In their new hometown, Grand Rapids, MI, Leslie's mother married a successful local paint manufacturer. In 1916 the boy was adopted by his stepfather and

his name was changed to Gerald Rudolph Ford Jr.

In 1930, a teenage Gerald worked as a waiter to ease the financial burden of school on his family. One day a stranger came up to him. The man, dressed in expensive clothing, identified himself as Leslie King; it was the boy's natural father, a person about whom he had never heard. Within minutes the strong character and family love of young Gerald was shown. Although the stranger offered a life of ease through the King family fortune, the boy declined in favor of the man who had taken him as his son 14 years earlier.

After working his way through college, serving as a U.S. congressman, and being appointed vice president, fate took an historical turn. Richard M. Nixon, sick and pressured, resigned as President. His resignation thrust the responsibilities of the nation's highest position on a man who had never actively sought it.

Gerald R. Ford Jr., a man whose original name is practically unknown to the people in the nation, repeated the oath of office which made him the only unelected President in American history.

It is part of our American Heritage.



'COACHMANSHIP' came through when Capt. Richard Todd, right, and A1C William Waddsworth, left, coached a team of officer and enlisted women to the Hancock Field, NY, womens softball championship. Captain Todd and Airman Waddsworth are from Detachment 27, 12th Weather

Squadron at Hancock Field. Accepting the trophy from Col. Gage M. Mersereau, base commander, center, are 1st Lt. Maggie Bonar, second from left, as Amn. Bertha Mireles, second from right, looks on. Lieutenant Bonar and Airman Mireles are from the 21st Air Division. (U.S. Air Force photo)

Detachment 4, 5th Weather Squadron

Unit 100 per cent 'sportin' men

FORT MEADE, MD—When it comes to sports, few units can claim statistics like Detachment 4, 5th Weather Squadron. The unit has 100 per cent sports participation.

The entire nine-man weather unit is involved in intramural sports this year. Eight of its men are on the unit bowling team

where they are mired down in last place. The same team, however, rolled its way to a contending position in an Odenton, MD, city league.

The ninth man here, Kerry H. Parrish, is a leading golfer with the Air Force team now taking part in the final championship

round of the Fort Meade Interservice League.

Editor's Note: The columns titled "Enlisted Line" and "Weather Whys??" will return to the OBSERVER in December with the arrival of the command's new airman advisor (see story on page one).

Interviewing AFGWC

Captain von Flotow: 'like an iceberg, only the tip is visible to the observer'

Capt. Charles S. von Flotow is a systems analyst and programmer in the AFGWC space environmental support branch (WPE).

It is his first assignment to a centralized forecasting facility. WPE provides tailored space environmental forecasts and Captain von Flotow's job is to develop software systems to aid the solar and ionospheric forecasters.

Captain von Flotow came to AFGWC from the University of Michigan, where he received a masters degree in atmospheric science and specialized in aeronomy. Aeronomy is the study of upper atmospheric physics. He has been a duty forecaster, staff meteorologist and wing weather officer.

Q.—What was your initial reaction to being told you were to come to AFGWC?

A.—"I asked for a SESS (space environmental support system) tour with Cheyenne Mountain (CO) as my first choice and AFGWC as my second. With manning near 80 per cent at GWC when I graduated, I was not surprised when I received orders for GWC. I got a questionnaire asking about my experience and in what area I wanted to work. I

specifically requested the SESS branch and this was granted.

Q.—What was your first impression of AFGWC?

A.—"One point I want to make is my impression now is different than when I first arrived. My first impression was that this was a place where the computer ran the people instead of the other way around. After arriving, I had a quick tour of the global forecasting branch where the products I was acquainted with in the field are produced. All I saw were line printers spewing out reams of paper for lots of people to tape together and more people drawing lines connecting the dots.

"At that time, I had no idea of how GWC worked, and was like a tourist who has no concept of the customs and traditions behind the actions of the local people. Now, after being here awhile I see the people do run the computer, but the whole system is so complex that I feel no one individual can know it all. There are many people who know small parts of the system well and it is this sum of talents which keep the place functioning.

"Basically, my impression of GWC today is that it's like an iceberg, only the tip is visible to the casual observer."

Q.—What would you say about job opportunities here?

A.—"As in most assignments, not all the jobs here provide the challenges and opportunities everybody would like. I know people who are dissatisfied with their jobs and I know of jobs I would probably be dissatisfied with. I guess it boils down to what the individual makes of the job because there is challenge to any job if the individual's talents are matched to the task."

Q.—What do you think of the local community?

A.—"I really like the local community because we have a small-town atmosphere, but are close to the city of Omaha. I think the schools are as good or better than any I've seen. Omaha has many cultural activities, and educational opportunities are unlimited with the University of Nebraska campus so close. Overall, it's a great place for a PhD candidate from Michigan."

In the December issue of the AWS OBSERVER Capt. William Klein, AFGWC studies and analysis branch, will "tell it like it is" about AFGWC.

Questions about AFGWC job opportunities should be addressed to: AWS/SYM Stop-400, Scott AFB, IL 62225.

SPORTS FRONT

GOLF

YOKOTA AB, JAPAN—Twenty four members of Headquarters 20th Weather Squadron; Detachment 17, 20WS; Det. 1, 20WS; and Det. 3, 1st Weather Wing, took part in the Kanto Plain Weathermen Fall Golf Roundup recently.

The event was held at Tokyo's Kanto Plain Tama Hills Golf Club and winners were: Steve Horn, Hank Abbott, Ray Ueda, Emmitt

Grant, Ron Haag and Darrell Holland.

Larry Fletcher took low gross with an 84, Darrell Holland claimed high gross with 150, Emmitt Grant, low net with 59 and the longest drive award went to Steve Horn and Mike Brown.

Ray Ueda got the closest to the pin award and Will Sibayan settled for shortest drive award.

LAJES FLD, AZORES—When several base units here got a six-man team together for the Terceira Island Golf Club 1975 Post Season Golf Tourney two weathermen led the winning way.

Ron Shaw and Chuck Spears, Detachment 19, 15th Weather Squadron, were the pair. When the last putt had dropped, Ron's and Chuck's team had a 36-hole total 881. It won Medal Play by six strokes over the nearest rival team.

HICKAM AFB, HI—It took Lowell Stiles, a former 1st Weather Wing commander here, 47 years to do it but he recently made a hole-in-one. It happened on Hickam AFB's 173-yard 12th hole.

With Stiles at the time were Todd Irving, the unit's former first

sergeant, Al Gargiulo and Joe Tucker.

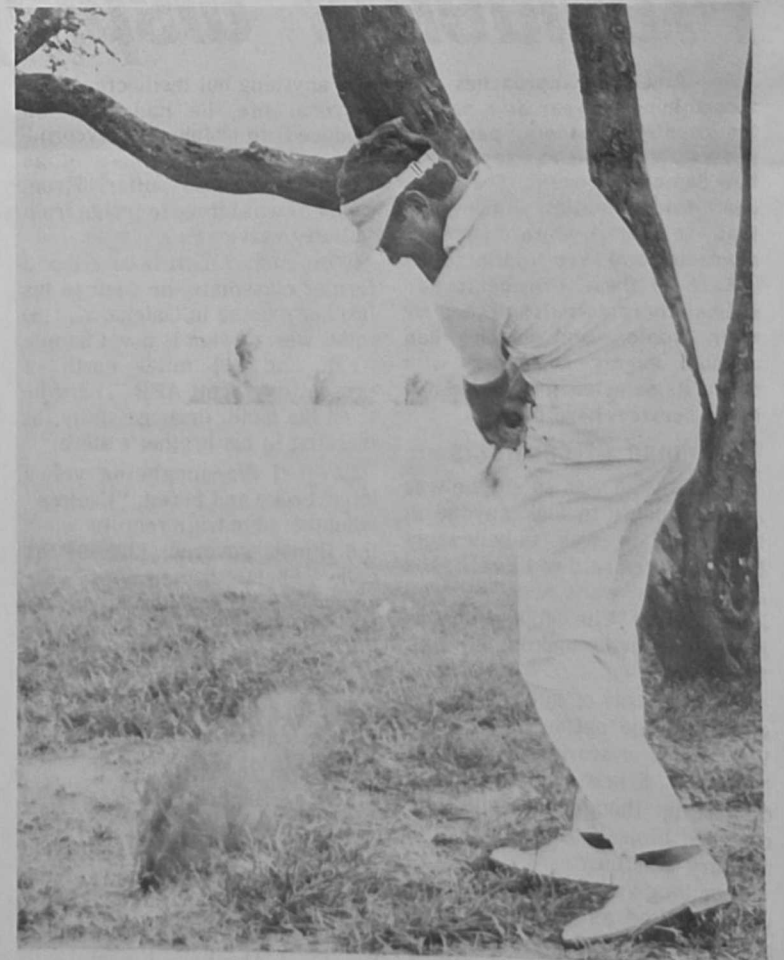
According to James Kerlin, unit spokesman, other people now want Tucker to join their foursome on the links—he was also with Gargiulo when he got an ace on the second hole of the same course in August.

RUNNING

ANDERSEN AFB, GUAM—Thirteen members of Detachment 2, 1st Weather Wing here ran 89 miles in 12 hours for the Jerry Lewis Muscular Dystrophy Association Telethon. The "Runethon," as it was locally called, started on a Saturday at 4:30 p.m. and continued until the next morning at 4:30.

Sponsors of the Runethon pledged pennies per mile and some pledges were limited to a given number of miles. Others increased in value after 50 miles. A total of \$252.20 was collected from pledge sponsors.

The top four weathermen runners were: Ken Anderson, 14 miles; and Tom Cmarik, Greg Wright and Pete Weir, with 12 miles each.



TRY AS HE DOES, Jerry Cox cannot stop the 1st Weather Wing's intramural golf team from slipping from last year's first place to this year's third slot. The dip came during a double elimination playoff at Hickam AFB, HI. Other team members were: Joe Tucker, Al Gargiulo, Ray Runyan, Dennis Nealson, Ed Hidrogo, Doug Forsyth, Bill Cummins, Ron Bound and Buck Buchan. (U.S. Air Force photo by Dan Napuunoo)