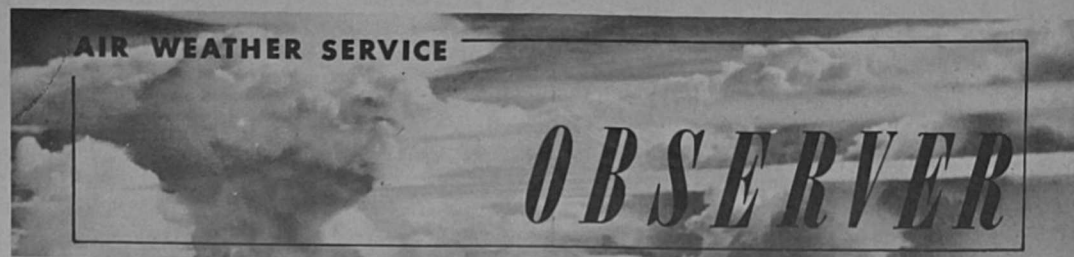


A Quarter Century of Military Weather Service



1937



Vol. 9, No. 7

Headquarters, Air Weather Service, Scott AFB, Ill.

July 1962



1962



PAST COMMANDERS of Air Weather Service were honor guests at a special dinner held at Scott AFB, Ill., commemorating the 25th Anniversary of AWS. Pictured from left to right are: Brig. Gen. Don Z. Zimmerman; Col. (Ret) Arthur F. Merewether; Maj. Gen. (Ret) Harold H. Bassett; Lt. Gen. Joe W. Kelly, commander, MATS; Brig. Gen. Norman L. Peterson, present AWS commander; Maj. Gen. William O. Senter, asst. deputy chief of staff, for Systems and Logistics; and Lt. Gen. (Ret) Donald N. Yates.

Past Commanders Are Feted at Scott

Air Weather Service turned back the clock in celebration of its 25th anniversary. Honored guests attending the recent anniversary party, held at the Scott AFB officers' club, were all but one of AWS's living past commanders.

Hosted by the present AWS commander, Brig. Gen. Norman L. Peterson, were Col. (Ret) Arthur F. Merewether, Brig. Gen. (Ret) Don Z. Zimmerman, Maj. Gen. (Ret) Harold H. Bassett, Lt. Gen. (Ret) Donald N. Yates and Maj. Gen. William O. Senter, assistant deputy chief of staff for



Lt. Gen. Moorman

Systems and Logistics, Hq. USAF. Unable to attend was Lt. Gen. Thomas S. Moorman jr., Pacific Air Forces vice commander. The organizer of the 1937 Army Air Corps Weather Service — today's



CAPTAIN ROBERT M. LOSEY with Mrs. Florence Jaffray Harriman, Spring 1940. (International News Photo)

Air Weather Service — Capt. Randolph P. Williams, and his successor, Capt. Robert M. Losey, both died in action in World War II, Williams as a colonel. Capt. Losey was the first US officer casualty of the war.

Highlighted by the cutting of a special 25th anniversary cake, the party also included among its guests other USAF generals. Present were the commander and vice commander of AWS's parent command, the Military Air Transport Service, Lt. Gen. Joe W. Kelly and Maj. Gen. Raymond J. Reeves.

Maj. Gen. Kenneth P. Berg-

quist, who commands the new Air Force Communications Service at Scott, was a guest, as was the AFCS deputy commander, Maj. Gen. Donald P. Graul. General Graul was one of the 22 officers who originally formed AWS 25 years ago.

Other guests were Brig. Gen. Benjamin G. Holzman, commander of USAF's Cambridge Research Laboratories in Massachusetts, a former AWS member, and Col. W. C. Armstrong, Scott AFB base commander. Music for the occasion was provided by the MATS command band, stationed at Scott.

AWS Observes 25th Anniversary

This month marks the 25th anniversary of the Air Weather Service, dating from transfer on July 1, 1937 of 40 weather stations, manned by 22 officers and 180 enlisted men, from the Army Signal Corps to the Army Air Corps.

In 1962, AWS is an organization of more than 11,000 officers, airmen and civilians, operating a global network of more than 400 weather stations. Its eight wings and groups and 28 ground and reconnaissance squadrons provide round-the-clock tailored weather support to US Air Force and Army units at all echelons.

Since 1946, the Air Weather Service has been under the transport command of the Air Force — first Air Transport Command and now the Military Air Transport Service (MATS) as one of its technical services.

Older Than 25 Years

Although the Air Weather Service (originally the Air Corps Weather Service) is just 25 years old, the military services have long been in the forefront of weather-science development in the US. Nearly 150 years ago, in 1818, the first US national weather service was created by the Army's medical department. The medics were interested in establishing the relationship between weather and disease and the effects of climate on troop health and morale.

In 1870, a forecasting service began, when a meteorological section was formed in the Army Signal Corps. Using a relatively new instrument, the telegraph, the Army began operating a service to make weather observations and give storm signals, announcing the probable approach and force of storms. The function of providing a civil weather service was transferred from the Army

to the new US Weather Bureau in 1890.

Weathermen in France

In World War I, the broad task of providing America's Expeditionary Forces with "all the meteorological information needed" fell to the Signal Corps meteorological section. Some 500 weathermen were trained and 300 of them went "over there." First weather station to take part in combat operations was one which operated with the First Army Corps near Chateau-Thierry.

World War II

Growth of AWS was greatly accentuated by World War II, and the weather service reached its peak strength in early 1945, which found some 900 weather stations being operated by 19,000 officers and men. Nearly 700 of these AWS stations were located overseas in 58 countries.

Weathermen were a part of America's armed forces in all parts of the world from Greenland's ice cap to the jungles of the South Pacific. In some remote places they were only military forces. Weathermen set up their stations alongside advanced air strips; they were with the first waves that stormed ashore on steaming atolls.

Five weather personnel in Hawaii, on their way to duty, were killed by a 500-pound bomb when the Japanese attack struck Pearl Harbor. Fifteen weathermen of the old 5th Weather squadron made a last-ditch stand at Bataan and Corregidor.

Transported by jeeps, weather (Continued on page 3)

Happy Anniversary





The Air Weather Service OBSERVER is an official Class 4 Air Force newspaper published monthly on the third Wednesday of the month by and for the personnel of the world-wide Air Weather Service of the Military Air Transport Service under the supervision of the Directorate of Information, Headquarters, Air Weather Service, Scott AFB, Ill. Opinions expressed herein do not necessarily represent those of the Air Force.

Material which appears herein may be reprinted without permission, but credit to the Air Weather Service OBSERVER is requested. News, feature, art and photographic material is solicited from readers, but publication must depend upon the judgment of the OBSERVER staff. No payment of any kind will be made for contributions. Paid advertising is not accepted.

BRIG. GEN. NORMAN L. PETERSON

Commander, Air Weather Service

MR. JOHN D. RUGG, Director of Information

SSGT WOODROW W. FITZGERALD, Editor

US Air Force — Aerospace Power for Peace

Guest Editorial

By specific request of the AWS Commander, General Peterson, the following editorial by Col. William S. Barney, 1st Weather wing commander, is reprinted from the June 1962 issue of the Wing's PACMET.

Everyone has approached and subjected to large amounts of literature concerning membership in the American Meteorological Society. I have joined in this campaign on previous occasions. As of this date, we have a fine membership record percentage-wise.

I will admit that in the past the AMS has been primarily a forum for the civilian meteorologist. The Society's work and literature was slanted in that direction because they constituted the greatest number of members. In the past decade, as more and more military meteorologists have joined the Society, we have had increasing influence by both voice and vote, resulting in benefits both tangible and intangible.

The fact remains that the AMS is the only organized professional meteorological body in our country. The doctors have the AMA and the lawyers the American Bar Association, just as the engineers, the chemists, or any profession have their organ for the advancement of their particular science or vocation. There are few professionals worth their salt who do not belong to the Society or Association of their profession.

My application for membership, I will admit, was forwarded late. That tardiness was the result of some disenchantment. For me the disenchantment no longer exists, and I am sure any doubts you may have had can be allayed. There is also the selfish aspect to consider, and often in any analysis this is the most overwhelming of all considerations, and that is what I'm pointing toward in this comment.

With the advent of the space age, I want a nationally recognized organization in good repute to be my advocate at high levels in such matters as education, pay, ethics, status, development, retired employment, and my welfare in general. In recent years, the AMS has been the largest backer of all of these, and with significant result.

It has benefited all of us, whether we belong or not. They handle the meteorological portion of the National Record for Scientific Personnel. I believe the Society can be relied upon to do its utmost to advance the role of the military meteorologists whose job is to eliminate the one unpredictable in war, which is weather. With increased military membership we will have greater voice, although our representation is even now substantial and we have had two AWS members who have been president of the Society.

You and I can no longer refrain from backing our professional advisory and regulatory society. We must advance its cause and stature, since it is our profession. Never can we get organized support for each of us at the national level with so little of our time and money.

ON THE

skew-T AWS Global Report

From around the world and across the nation come more highlights of AWS personnel at work and at play.

Airman First Class Robert T. Lacey was recently awarded the quarterly outstanding observer award for the first quarter of 1962 at Detachment 6, 15th Weather squadron, Griffiss AFB, New York.

The award is presented to the best observer, taking into consideration the best overall average, military bearing, behavior, and discipline, contribution to detachment improvement and self improvement.



A1c Lacey

During the past year, Lacey maintained a 99.2 percent overall observing average and transmitted more than 2700 observations over long line teletype without an error. He is presently engaged in two USAFI courses in business management. In addition to winning the quarterly observer award, Airman Lacey won the monthly outstanding observer award each of the first three months of 1962.

For his outstanding performance, Lacey was promoted to Airman First Class.

Airman First Class James E. Woods, an administrative specialist with the 2d Weather group, Langley AFB, Va., was recently selected group airman of the month.



A1c Woods

Airman Woods was chosen from among other airmen in his field for over all excellence of job performance, military courtesy, military bearing, and appearance. For this achievement, Col. Nicholas H. Chavasse, 2d Weather group commander, presented him



RETIRING FIRST SERGEANT, MSgt Oscar R. Thomas, Hq. 3d Weather wing, recently brought his distinguished military career to an end at Offutt AFB, Nebraska. Col. Anthony T. Shtogren, 3d Weather wing commander, sent a letter to Sgt Thomas, thanking him for the part he played in raising the wing's squadron rating during his tour. Sgt Thomas will retire to his home at Hernando, Miss., with his wife and four daughters.

Where Were You?

By 2d Lt. Casey R. Luczak

Where were you on July 1, 1937? This July marks the 25th anniversary of AWS and it is interesting to note where some of the present AWS people were when AWS began.

Cadet Roy Nelson placed his hands on his hips and bellowed to an approaching plebe, "Pick up the step, mister!" Having just made corporal at West Point, Cadet Nelson was fulfilling his duty of indoctrinating plebes at the Academy. Today, Col. Roy W. Nelson, jr., is vice commander of AWS.

On July 1, 1937, having finished college, Walter C. Phillips was serving as director of the Washington State University alumni association. Now Col. Phillips is AWS chief of staff.

Woody Sheridan propped himself on his elbows and removed his sunglasses as a bathing beauty passed by. What sweeter way is there to spend a summer than lying on the banks of Lake Erie, enjoying the scenery. This summer, Major Sheridan is commanding the AWS headquarters squadron.

Young, ambitious and single, John Hattox was diligently working for the Commercial Credit Company of Knoxville, Tenn., during the summer of 1937 as an adjuster. Still young and ambitious, but no longer single, Lt. Col. Hattox is now AWS director of administrative services.

Many students work their way through school, as did Tom McGuire back in 1937. Having just finished two semesters at Ohio University, young Tom was making a summer living at the zoo, as an animal keeper. Today, Colonel McGuire is the AWS comptroller, his zoo career only a fond memory.

Twenty-five years ago, Bob Fletcher was enjoying the balmy weather of Glendale, Calif., as a forecaster for American Airlines. Still in weather today, Dr. Robert D. Fletcher is AWS director of scientific services.

To be in high school, that was the life. Following his freshman year at Luther L. Wright high school in Ironwood, Mich., Carl Gunderson was ready for a carefree and reckless summer vacation. This summer, Captain Gunderson is serving as chief of the AWS safety office.

While others vacationed, ambitious Tom Arbogast attended the summer session at Pennsylvania State College in 1937. In 1962, Colonel Arbogast is DCS for Plans in AWS.

July 1, 1937—Young John Rugg was ready. His junior year of high school at Western Reserve Academy, Hudson, Ohio, behind him, he was ready to begin summer work in a lawn mower factory at Newark, Ohio. These days, Mr. Rugg is director of information for AWS.

These are but a few of the many individuals who now make up Air Weather Service. Twenty-five years ago, they were scattered.

Today they, and many others, work as a team to accomplish the mission of AWS.

This July 1—25 years later—is indeed a memorable occasion for Air Weather Service. Take a moment to reflect. Where were you on July 1, 1937?

with a Certificate of Achievement, a check for \$10.00 and a three-day pass.

A2c Raymond E. Beyler who is currently serving with the Weather detachment at Clark Air Base, Philippine Islands, has been accepted to the United States Coast Guard Academy at New London, Conn.

Airman Beyler, a native of Niles, Ohio, attended the Plot R. Spencer high school at Geneva, Ohio. After graduation in 1959, he attended Western Reserve University in Cleveland, Ohio to further his education.

Entering the AF in 1960, Beyler received basic training at Lackland AFB, Tex., and was selected to attend the basic Meteorology course at Chanute AFB, Ill., where he graduated as "Honor Student."

Beyler was rated as one of the top 15 percent of all applicants who took the Academy entrance examination for the period, thus qualifying for his acceptance. Lt. Col. Jacob M. Dickenson III, commander, Detachment 5, 1st Weather wing, at Clark AB, has commented favorably on Beyler's performance while stationed there.

TSgt Claude N. Stasney of the 11th Weather squadron field maintenance shop was recently designated Honor Student in his graduating class of the USAF Management Course for Air Force supervisors at Elmendorf AFB, Alaska.

A fifteen-year veteran of Air

Weather Service, Sgt Stasney is a graduate of the Weather Observer Course (1947) and the Weather Equipment Repairman Course (1950) of the Air Training Command. He has also attended several special courses offered by Air Training Command.

In a letter of congratulations to Sgt Stasney, Maj. Gen. Wendell W. Bowman, commander, Alaskan Air Command, stated, "Your industrious efforts in applying the concept and principles of management on-the-job are to be commended. It is the efforts of individuals such as yourself that will enable us to perform our assigned mission in a more efficient and economical manner."

Stasney is active in community affairs as a member of the Anchorage Community Chorus and Anchorage Opera Association. He recently participated in the operetta "The Vagabond King," the summer presentation of the latter group.

Prior to his transfer to Alaska in 1961, Sgt Stasney was assigned to Detachment 6, 9th Weather squadron, Malstrom AFB, Mont. He has served overseas tours at Guam and Iwo Jima, and in Bermuda and Korea.

South America's greatest average rainfall is 413 inches at Quibdo, Colombia.

Alaska's lowest recorded temperature was -76°F at Tanana, in January 1886.



GRADUATING CLASS 50, Modern Weather Techniques Course at Chanute AFB, Ill., included four visiting German Meteorologists who attended the entire six-week course. Pictured from (l to r) are: back row, H. F. Crombie (Instructor); Capt. Lelyn W. Nybo, Griffiss AFB, N. Y.; Capt. Bernhardt A. Anderson, Lockbourne AFB, Ohio; Capt. Aris M. Christensen, (Honor Graduate) Hill AFB, Utah; Capt. W. M. Dabrock (Instructor); CWO John C. Garlock, Dyess AFB, Texas; Capt. John C. Brown jr., Eglin AFB, Fla.; Capt. James T. McAdams, Richards-Gabaur AFB, Mo.; Lt. Col. Eugene Tiddy, Shaw AFB, S. C.; Capt. B. E. Harris sr., (course Supervisor). Front row (l to r), Capt. D. B. Miller (Instructor); CWO Van G. Leas, Altus AFB, Okla.; Lt. Col. Kurt Hornickel, Germany; Maj. Walter J. Lienert, Germany; Maj. Martin F. Franke, Germany; Maj. Ernst Vocke, Germany; CWO Emory J. Caukin, Hancock Field, N. Y.; and Capt. Norman H. Fitzsimmons, England AFB, La.

25th Anniversary Continued . . .

(Continued from page 1)

stations moved into the front lines in Sicily and Italy. Members of AWS helped to prepare the important weather forecasts which set the date for the invasion of Europe, while other weathermen parachuted and stormed ashore on Normandy beaches to provide on-the-spot weather support to the D-Day landings.

AWS in Korea

With the outbreak of the Korean conflict, men of the weather service again entered combat. Less than 24 hours after hostilities began, the first AWS weather reconnaissance aircraft flew over Korea. Within 48 hours after the enemy crossed the 38th Parallel, AWS observers and forecasters were sending weather reports to United Nations forces from a detachment at Taegu. Throughout the struggle, AWS gave close support to UN air and ground forces, while every day saw AWS reconnaissance aircraft over the battlefields, gathering vital weather data.

Later years have seen many advances in the weather science, in which men of AWS have played leading roles. Tornado forecasting, begun in 1949 by two AWS officers at Tinker AFB, Okla., has become a national severe-weather forecasting service.

Electronic computers have entered the field of meteorology, helping the weathermen to process vast mountains of data. First use of the electronic brain was at Suitland, Md., in May 1955, when Brig. Gen. Thomas S. Moorman jr., then commanding AWS, pressed the button to inaugurate the joint (Navy-Weather Bureau-Air Force) Numerical Weather Prediction Unit. Today finds the electronic weatherman an integral part of the forecasting picture.

The Air Weather Service of 1962 uses television (called Weathervision) to provide simultaneous weather briefings to many on-base users. It places weather observations in the hands of its forecasters through 100-word-a-minute teletypewriters.

Centrally produced by skilled

meteorologists in weather centrals, regional and area weather charts go rapidly to local forecasters by facsimile, as do weather charts prepared by electric computers.

Flight plans for transoceanic routes are produced automatically almost in the twinkling of an eye by adding navigational data on hand in giant computers. Under development to automate weather service still further is System 433-L, planned to provide semiautomatic nationwide collection, analysis, dissemination and display of weather information.

New observing equipment, to be installed at both ends of the runway at many Air Force bases, is giving added validity to AWS weather support. In the sky, weather reconnaissance aircraft—soon to be replaced by jets—collect vital information and aid in warning of hurricanes and typhoons.

Still higher, the watchful cameras of NASA's Tiros series of weather satellites, of which five have been orbited to date, provide today's weatherman with a planet's-eye-view of the earth's weather systems.

A quarter century of weather service to America's armed forces has brought many changes in the Air Weather Service. But 20 of the enlisted men who joined the new service on July 1, 1937, are still with AWS, many of them as Air Force officers.

Of the 22 officers who formed the nucleus of AWS 25 years ago, three later commanded the weather service: Col. Arthur E. Merewether; Brig. Gen. Don Z. Zimmerman; and Maj. Gen. Harold H. Bassett. Ten, all but one of them lieutenants in 1937, attained general-officer rank. Two died in action in World War II, one of them—1st Lt. Robert M. Losey—the first officer casualty of enemy action in the war.

Recognizing the efforts and talents of those who formed AWS then and now, the USAF Air Weather Service looks confidently ahead to many future years of providing weather and environmental support to the present and future missions of a Space Age Air Force and Army.

Commendation Medals

US Air Force Commendation medals for the period of time listed have either been recently awarded or approved for presentation to the following persons:

Col. Robert C. Bundgaard, Hq. 4th Weather wing, August 14, 1959 to May 1, 1962.

Col. Carl H. Morales, Hq. AWS, August 8, 1950 to July 5, 1962.

Col. William W. Riser jr., Hq. AWS, July 8, 1959 to June 30, 1962.

Lt. Col. Walter L. Records, Hq. 4th Weather wing, January 4, 1959 to January 4, 1962.

MSGT Peter H. Eyclesheimer, Detachment 9, 15th Weather squadron, September 1, 1958 to April 7, 1962.

SSgt Dennis L. Sullivan, Detachment 13, 26th Weather squadron, 3d Weather wing, January 1, 1959 to January 1, 1962.

A1c Jack W. Gorski, Detachment 10, 4th Weather group, September 11, 1961. Airman Gorski was cited for saving the life of a drowning child by prompt action in recovering the non-breathing girl from the water and applying mouth-to-mouth resuscitation until the child responded.

A1c Lawrence J. Wojcik, Detachment 5, 33d Weather squadron, 4th Weather wing, March 14, 1962. Airman Wojcik was cited for bravery when he beat out the flames of a burning automobile with his jacket, thus saving a woman and two children from impending danger.

Public Service Award Nominee

Dr. Robert D. Fletcher, director of scientific services, Hq. AWS, has been nominated by Secretary of the Air Force Eugene Zuckert for one of five annual Rockefeller Public Service Awards.

The awards, to be presented in the fall, carry a \$5,000 grant for five civilians in federal service. The categories are in administration; foreign affairs and international operations; law, legislation and regulation; national resources and welfare; and science, tech-



Dr. Robert D. Fletcher

nology and engineering.

In Secretary Zuckert's personal letter to Dr. Fletcher, he said, "You can be proud of your outstanding accomplishments in meteorology and the geophysical sciences."

In addition to the nomination by Secretary Zuckert, Dr. Fletcher has been recommended by the Air Force Incentives Awards Board for a decoration for Exceptional Civilian Service.

(MNS)



GRADUATES of the Modern Weather Techniques Course, (Class 51), Chanute AFB, Ill., are pictured as follows: (standing l to r) Capt. Barry E. Harris sr., (course supervisor); TSgt W. L. Larson, Ellington AFB, Tex.; H. F. Crombie (instructor); MSGT E. R. Lappi, Richards-Gabaur AFB, Mo.; TSgt A. J. Schneider, Barksdale AFB, La.; and Capt. D. B. Miller (instructor). (Seated l to r) SSgt E. M. Keska, Westover AFB, Mass.; MSGT J. O. Mittan, Hurlburt Field, Fla.; TSgt J. G. Osborn, Kelly AFB, Tex.; and Capt. D. W. Cho, Korea.

Fifty-Nine CWO's Upped to W-2--W-3

Fifty-nine AWSmen were included among warrant officers recommended for temporary promotion by the USAF Central Selection Board. Fourteen will make the step to CWO-4 and 45 were named for CWO-3.

Selected officers may assume the higher grade September 1, but will not receive increased pay and allowances until special orders effecting the promotion are submitted to the appropriate finance officer.

USAF officials said orders will be issued September 1 except for those officers who were selected for permanent promotion in FY '63 and whose permanent promotion date is before September 1. They will receive the temporary promotion on the same date as the permanent boost. Temporary dates of rank will be back-dated by increment to preserve relative seniority standing.

Those recommended for advancement were:

To CWO-4

Anderson, Lee V.; Beresford, Frank L.; Bizik, Margaret; Buckley, Raynor L.; Carney, John W.; Carter, Fred W.; Cores, Homer P.; Evans, Raymond F.; Lake, Robert J.; Rose, Franklin D.;

Rudy, Bonnas U.; Seaton, Charles K.; Wilder, Herbert S., and Winch, Howard E.

To CWO-3

Albright, Wayne L.; Anglin, Robert S.; Aston, Robert W.; Beck, Alton A.; Blankenship, William B.; Campochiaro, Joseph; Cooper, Ernest L. jr.; Doverspike, Robert J.; Gann, J. H. jr.; Gerrity, James B. jr.; Gifford, Robert T.; Glass, Glenn R.; Gordon, Robert H.; and Greer, Billy M.

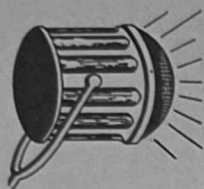
Hamik, Leo F.; Raymond, Frederick B.; Hill, Whitmal W. jr.; Hinds, James L.; Hinds, William N. jr.; Kelliher, Raymond; Kibler, Chancellor S.; Kimberlin, Herman F.; Landa, Joseph J.; Larger, Urban B.; Leas, Van G.; Lorusso, Michael R.; Mackinder, Richard H.; Mangan, Joseph C.; McGuire, George E. jr.; and Olinger, Hershel J.

Oliver, Palmer H.; Patterson, Chauncey M.; Rissmiller, Lee; Schmitt, John F.; Simpson, Michael J.; Smith, Freeman R.; Townsend, Charles E.; Wallis, Francis E.; Weiss, Carl E. jr.; Wells, Charles H. jr.; Wigginton, Don B.; Williams, John E.; Worley, Orville C.; and Yasger, Thomas E.



MEREWETHER AWARD PLAQUES were recently presented to Lt. Col. Francis W. Murray (center) and Capt. Hugh M. O'Neil (right) Hq. 3d Weather wing, by Brig. Gen. Norman L. Peterson (left), AWS commander, who flew into Offutt AFB on June 21, for the occasion.

The OBSERVER Spotlights



Detachment 7 24th Weather Squadron

Mather AFB, located 12 miles Northeast of Sacramento, California, holds a prominent position in the national defense program. It is the Air Training Command's West Coast school for advanced training of navigator-bombardiers and electronic warfare officers. Graduates of the 3535th navigator training wing school occupy every crew position except that of pilot on SAC combat aircraft.

Situated at Mather is Detachment 7 of the 24th Weather Squadron, a typical, although somewhat unique, weather station. Its mission is to support all organizations assigned and attached to Mather AFB, with 24 hour meteorological service. Both the training flights and SAC's world-wide commitments require accurate, timely weather information.

The detachment employs 26 personnel; five officer forecasters, five NCO's and 16 airmen. Its commander is Lt. Col. Howard D. Turner. SMSgt Ira J. Burton is the NCOIC and station chief.

Closed circuit television links the weather station with navigator training wing and strategic wing command posts, SAC alert crews and officer students in training area pre-flight briefing rooms. Weather information required for navigation training missions covers the entire Western United States.

Specialized Briefing

SAC alert crews get specialized briefings and the SAC commander is provided with a daily report on world-wide weather conditions. All such weather briefings are given through the closed circuit system. Each television receiver is equipped with a talk-back microphone to enable forecasters to answer questions from flight crews. Mather is the only base in Air Training Command with closed circuit television briefing service and the only Air Force base to provide such service to SAC combat flight crews.

1st Lt. Douglas E. Hutchinson, weather officer for 3535th Navigator Training wing, is faced with the problem of forecasting bases, tops, and coverage of middle clouds and winds between 10 and 25 thousand feet over California from Mather to Bakersfield. Fixed altitude missions are given similar weather support as far east as Salt Lake City, Utah, and as far North as Vancouver, Washington. Weather support is provided weekly for cross-country low-level missions to such areas

as Kansas, Nebraska, and Texas.

SAC's global mission makes world-wide weather a concern for 1st Lt. Norman F. Jacobs, weather officer for the 4134th Strategic wing. Locally, two forecast problems that face him are forecasting accurate altimetry for the B-52 low-level training missions and accurate runway temperatures for KC-135 tankers during summer months.



PREVENTATIVE MAINTENANCE is performed on the TMQ/11 temperature-humidity measuring set by Detachment 7's maintenance specialist A2c Terry N. Thompson.

The biggest single problem for Detachment 7 forecasters is winter fog in the Sacramento area. California's Central Valley is the foggiest valley in the US. Topography and a high level inversion combine to make it a natural trap for fog and smoke. Practically no fog is recorded during summer months, but beginning in November and lasting through January,

dense fog occurs at frequent intervals. In January of 1960 over 500 hours or 23 days of unbroken instrument weather in fog were recorded. Adding to the problem is the tendency of weather conditions to depart radically during winter months.

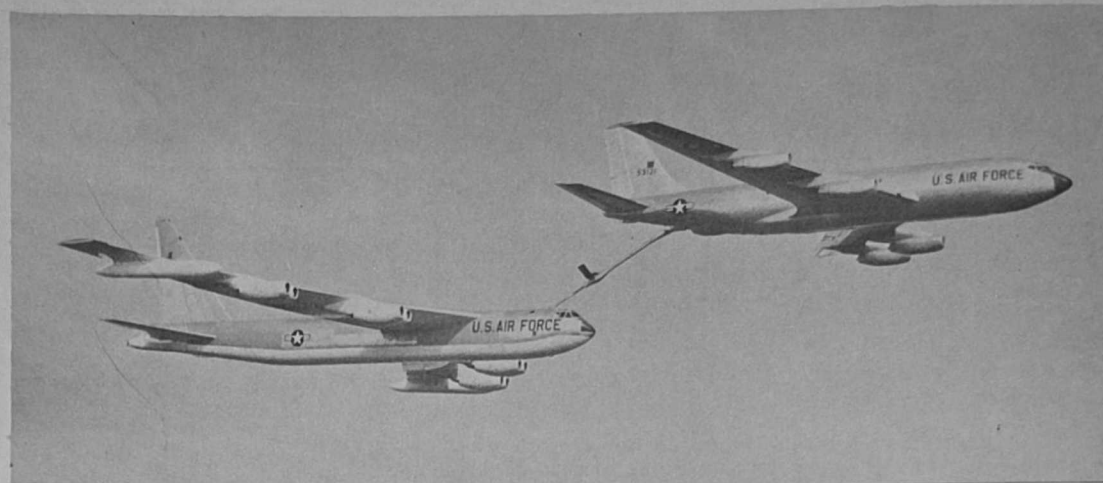
The forecasters, aware of their responsibility, have instigated an aggressive program to provide accurate advance information on fog conditions. An improved objective technique has been devised to aid in the forecast of breakout behavior of high level inversion fog. Also, a series of monograms have been prepared relating stability, moisture and turbidity to breakout performance.

Fog season also means more work for weather observers who must send out special observations. Chief observer A1c Aleck E. Dumbacher noted that "last year, 1,536 observations were taken in January as compared with 768 in July." The observers are especially alert during early morning hours when clear skies can disappear in a few moments and the field drop below weather minimums. Just as the fog forms quickly in the evening, it can dissipate rapidly in late morning hours, another time when Mather's alert observers are very busy.

Several officers and NCO's from the detachment are active members of the American Meteorological Society. Col. Turner is vice-chairman of the Sacramento chapter. Maj. William C. Trevor, chief forecaster at Mather, has presented seminars dealing with fog problems to the society's California branch at Monterey and to the local Sacramento chapter. Another active member, TSgt John R. Hart, has also made a presentation to the local chapter, based on experience gained at the modern weather techniques course at Chantute AFB. Mather weathermen also hold regular joint seminars with the weather detachment at McClellan AFB in North Sacramento. This pooling of resources and experience has been helpful to forecasters from both bases.

An Eye to the Future

With an eye on future needs of the Air Weather Service, a special motivational training briefing has been prepared and is presented regularly to the hundreds of officer students who train at Mather AFB each year. The briefing is given to insure that young officers with the proper scientific background will be aware of their opportunity to cross-train into the weather forecasting field after completing their minimum tours as navigators.



WEATHER INFORMATION is provided for SAC refueling operations as well as for the huge aircraft engaged in tactical missions. SAC's giants of the air rely greatly upon accurate weather forecasts and observations for their round-the-clock global mission.



TELEPHONIC BRIEFING is delivered by SMSgt Leonard M. Dalton (right), from an analysis taken from a facsimile chart by SSgt Arthur M. Fox (left).



VISIBILITY CHECK POINT is pointed out to A3c James E. Drummond by chief observer, A1c Aleck E. Dumbacher from the Mather R.O.S. Tower, some seventy feet in the air.



FORECASTER 1st Lt. Douglas E. Hutchinson makes a weather briefing broadcast over the "closed circuit" television system to navigator-bombardier students in varied briefing rooms all over the base.

A Bouquet of Roses

From the JCS: Your fellow members of the Joint Meteorological Group (of the Joint Chiefs of Staff) note with pleasure the 25th anniversary of the Air Weather Service, USAF. On this occasion they wish to congratulate the Air Weather Service on a quarter century of progress in applying meteorology to military operations.

From Carl Vinson, Chairman, Armed Services Committee, US House of Representatives: To all members of your command, I extend best wishes on the 25th anniversary of the Air Weather Service.

From Melvin Price, Member of Congress: My sincere congratulations to the Air Weather Service command, its officers and men on the observance of their 25th anniversary. It is obvious it is most essential in the successful operation and fulfillment of the mission of the US Air Force.

From US Weather Bureau: My heartiest congratulations to you and your illustrious fellow commanders on this quarter-century milestone. I could say much about the achievements of AWS during these 25 years. They have been many and they have been recorded in the scientific literature, in the expanded networks of weather stations, the air weather reconnaissance annals, the weather gadgets and systems developments and in many other ways, not the least of these being the many warm associations with the officers who have led the Air Weather Service. Our congratulations on the accomplishments of the past 25 years and our heartiest wishes for many times 25 more.

From London Meteorological Office: I have just heard that the United States Military Air Weather Service celebrated on 1st July the 25th anniversary of its formation. I am writing therefore to offer my warmest congratulations and my best wishes for the future. In the meteorological office we have always the highest admiration for the Air Weather Service. Our two organizations collaborated very closely in the different theaters of operation during the second World War and the cordial relations then established have been maintained ever since. The Air Weather Service has built up for itself a splendid record of technical achievement and of enthusiastic participation in the advancement of meteorology as a science. The spirit of cooperation exists throughout the Air Weather Service and it is always a pleasure to work with any of its members or units. I know I am speaking for all staff of the Meteorological Office in wishing continued success to the service which you command.

From US Naval Weather Service: The Director takes pleasure in expressing the congratulations of all hands in the Naval Weather Service to the Air Weather Service on this occasion of your 25th anniversary. The contributions of AWS to the science of meteorology have been many and significant. Briefly and to the point—well done, and may you continue to have a fair wind and a following sea.

From Japan Meteorological Agency: I offer you on behalf of the Meteorological Service of Japan my sincere congratulations on the 25th anniversary of the foundation of the Air Weather Service of the United States Air Forces. We entertain a profound respect for the important role your service has played in the development of, and the international cooperation in, meteorological services, and are very grateful for the close cooperation your service has given to us. On this occasion I hope that the cooperation in scientific activities may be increasingly promoted between our service and yours, as well as with the 1st Weather Wing in Japan, controlled by Col. William Barney under your command.

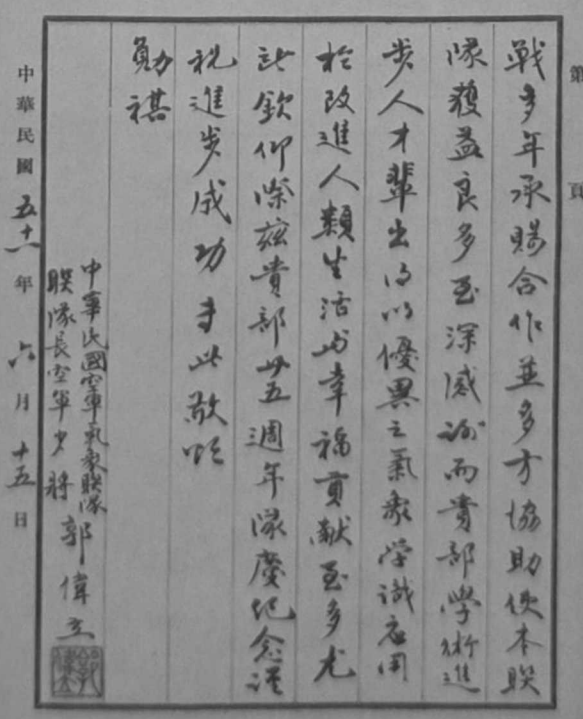
From RCAF: Congratulations on 25th anniversary. We look forward to continued association with you in meteorological support activities.

From Philippine Air Force: We are honored in joining you in the celebration of your Silver Anniversary. Most, if not all, of the weather personnel of Philippine AF were trained under your command. Your weather service has greatly contributed to the recent activation of the 901st Weather squadron of PAF. This squadron hopes that it will be able to cooperate with your wonderful organization's efforts in the flying safety program for both civilians and military, and incidentally, contribute in your role as a potent factor in the military planning of successful operations.

From Chinese AF Air Weather Service: All members of the CAF Air Weather Service join me in extending to you our most sincere felicitations. With the experience and technique gained from more than twenty years of outstanding service and continuous development and researches, you have successfully served your mighty Air Force all over the world and become one of the largest and best organizations under the sun. We feel proud and deem it a privilege to have been fighting shoulder to shoulder with you for the freedom of the world. But what we appreciate so much is the advice and assistance you have rendered to greatly benefit the CAF Air Weather Service. And, we cannot go without feeling a deep sense of admiration to see that you have made such progress in your academic researches, that has produced such promising workers and that you have succeeded in applying the profound knowledge you have got in the meteorological field to promote the living condition and well being of mankind. On the eve of your 25th anniversary, may I, therefore congratulate you and send to you on behalf of all the officers and men of CAF Weather Wing our best wishes for your continued success.

From Chinese AWS

空軍氣象聯隊用箋



From Canadian Weather Service: The Meteorological Service of Canada extend heartiest congratulations to the Air Weather Service of the USAF on its 25th anniversary, and assures you of our desire to continue the friendly cooperation that has marked our relations in the last quarter century.

From Korean Air Force: It is with deep pleasure that we extend our congratulations to you and your personnel on the occasion of the 25th anniversary of the Air Weather Service. Looking over the eventful years of the past decades, we are convinced that the service of AWS has been marked by exceptional brilliance and outstanding achievements. Both in war and peace, your Air Weather Service has made tireless and selfless contributions to the military as well as civilian, on a world-wide scale, under untold difficulties and adverse circumstances. It has played a major role in the improvement of the world-wide meteorological network, and helped the growing weather services of other countries, among many other achievements. As members of the Republic of Korea Air Weather Service, we feel a special gratitude for the unending assistance we have received over the most perilous years since the outbreak of the Korea War. Furthermore, we are happy to be able to work in close cooperation with one of your best units. We will long remember the enthusiastic cooperation, and the genuine good will shown by members of the Air Weather Service. We wish you great prosperity in the future years.

From Spanish Weather Service: Near the date of 1st of July, on which you celebrate the 25th anniversary of the creation of the Air Weather Service, we do not wish to let the day pass without expressing the felicitations of the Spanish National Meteorological Service. As its director, I am pleased to write to express my congratulations for these 25 years of fruitful life and hope for a fortunate development of the program into the future of the AWS. I hope, also, for continuation in the future of the friendly relationship between our two meteorological services, which, in this case rests on the firm base of the cordial mutual relations which exist between us and the 21st Weather squadron.

From Italian Weather Service: On the occasion of the 25th anniversary of the establishment of AWS, I and all my colleagues are gratified to express to you and to the components of your Service the most hearty congratulations. I am certain that AWS has contributed significantly to the development of techniques and operations of aviation. Your Service has made great progress and attained brilliant results in the areas of meteorology. The Italian Aviation Met Service remembers with great pleasure your working cooperation on many occasions when you have offered your Service, therefore, I offer to AWS best wishes for the next 25 years and beyond, for continued meteorological progress and for the attainment always of higher objectives.

From Thailand Weather Service: On behalf of the Air Force Weather Service, it is my pleasure to express our heartiest greeting and congratulations to the US Air Force Weather Service upon their 25th anniversary. During the past 15 months we have worked closely with AWS personnel in Thailand. Assisting and cooperating with the RATAF Weather Service, we have attained many of our objectives to improve our capability. We look forward to continuing this mutually beneficial relationship. The ATAF Weather Service is happy to extend to you our warmest congratulations upon the occasion of your 25th anniversary.

From STRICOM: On behalf of the members of the United States Strike Command, I extend congratulations on the memorable occasion of the 25th anniversary of the Air Weather Service. Your organization has played a distinguished role in the service of the United States Strike Command and the entire defense establishment. We salute all members of the AWS for their many outstanding achievements.

A Bouquet of Roses

From German Weather Service: The German Geophysical Support Service takes pleasure in sending its sincere congratulations on the 25th anniversary of the Air Weather Service. We are well aware of the achievements and the endeavors of your organization. We would like to take this opportunity to express once more our appreciation of the fine cooperation between both our services and we would again like to emphasize the benefit we received from this contact. In the future, we hope to continue our collaboration for the mutual benefit of both organizations. We wish for the Air Weather Service a flourishing and successful continuation of its services. — Vivat, Crescat, Floreat — Air Weather Service!

From Chinese Air Force: The officers and men of the weather service of the Chinese Air Force join me in sending our warmest congratulations to you and the officers and men under your command on the occasion of the 25th anniversary of the Air Weather Service, MATS, USAF. Meanwhile, I wish also to take this opportunity to express my sincere appreciation for the assistance your service has rendered to us. Through your kind assistance and sincere cooperation, the weather activities of the Chinese Air Force have been improved to a great extent. My good will and best wishes for the bright future and continued success of the officers and men of your service.

From Lt. Gen. Joe W. Kelly, MATS commander: On behalf of the entire MATS family I want to congratulate you and the members of the Air Weather Service on the occasion of your 25th anniversary. The contribution Air Weather Service has made in the development of our aerospace force is immeasurable. The rest of us in MATS are proud to have you as part of our team and wish you all the best on this your 25th anniversary.

From Strategic Air Command: I am pleased to extend my sincere congratulations to you and the dedicated men and women of the Air Weather Service on the occasion of the 25th anniversary of your command. SAC is particularly indebted to the personnel of the 3d Weather wing whose efforts have kept pace with our ever-changing requirements and have contributed greatly to the successful global operations of the command.

From Air Force Systems Command: On this 25th anniversary of Air Weather Service, please accept my sincere congratulations to you and members of your command. Air Weather Service personnel on my staff and at AFSC divisions and test centers have contributed significantly to mission accomplishment as Staff Meteorologists. Your fine record of support to the research, development and test activities of Systems Command will, I know, be continued as we move further into the Aerospace Age.

From AF Logistics Command: Congratulations from all of us in Air Force Logistics Command to the Air Weather Service on your 25th anniversary. Your organization has established a fine record and reflected much credit on the Air Force over the years.

From Hq. USAFE: On behalf of the United States Air Force in Europe, I congratulate you on the 25th anniversary of Air Weather Service. The service you have provided not only to United States military and civilian personnel, but to our allies as well, has worth beyond measure. Weather is a dominant factor in the operation of aerospace vehicles. Your achievements in this area are in consonance with the ever increasing importance of your mission. May you meet the challenge of the future with the same spirit and resolution that has marked your 25 years of outstanding service.

From Pacific Air Forces: It is a pleasure to extend my hearty congratulations to you and all members of your command as you observe the 25th anniversary of the Air Weather Service. During my career I have observed your continued progress in providing weather service tailored to the operational requirements of our various weapons systems. The services of your command have contributed immeasurably to the successful accomplishment of the Air Force mission. Such achievement is possible only through a high degree of professionalism and dedication by every individual concerned. You can justifiably be proud of the occasion. I am confident the coming years will see your command achieve even greater accomplishments to add to its proud record.

From ATC: On the occasion of Air Weather Service's 25th anniversary, I offer personal congratulations as well as appreciation from the Air Training Command. In the flying training portion of our business (still two-thirds of our installations) weather and weather service play a vital and controlling role—a situation perhaps contrary to the overall Air Force trend over the years. My flying training supervisors and their supporting weather people have developed a teamwork and mutual understanding which is the finest expression of progress. May the next 25 years reward us further. But as we look into the exotic problems of the future, let us not forget the day-by-day job to be done at our training bases where the first steps are taken in "preparing the man" for aerospace.

From Hq. Tactical Air Command: I wish to take this opportunity to extend my congratulations to the Air Weather Service as it observes its 25th anniversary on 1 July 1962. I note that it also marks the 10th anniversary of the 2d Weather group. This unit of the AWS has provided specially tailored weather support to Tactical Air Command for the past ten years. As you know, weather is frequently the critical factor in our operations and, therefore, we require maximum support in this area. I am confident that the Air Weather Service and the 2d Weather group will meet our requirements in the future with the same vigor and resourcefulness displayed in the past.

From Thai Navy: It is my greatest pleasure and honor to deliver a message to all of you on the occasion of the 25th anniversary, which falls on 1 July 1962. The work of the Air Weather Service as far as I know, covering a wide scope of activities, has made monumental contributions to progress in meteorology. So when this anniversary turns up again, I cannot help but convey to you and your colleagues my heartfelt congratulations and warmest wishes for the success of your high office in times to come.

From Hq. US Army, Pacific: It is with great pleasure that I extend my most hearty congratulations to you and all members of your command as you observe the 25th anniversary of Air Weather Service on 1 July 1962. During these past years I have been gratified to observe the development and growth of tailored weather service for the US Army. From your weather observers at the front lines to your large weather stations supporting field and Army operations, the members of your command have always demonstrated outstanding professionalism and dedication to the difficult task of observing and forecasting the weather. The support received by USARPAC from 1st Weather wing has been outstanding. As you observe this 25th anniversary, I'm sure you and the officers and men of your command will continue to strive for a progressive and outstanding weather service as you have in the past. I extend to you my congratulations and best wishes of this command.

From Caribbean Air Command: I wish to extend my congratulations and best wishes to the Air Weather Service on the occasion of its 25th anniversary. Through the untiring efforts of weather detachments scattered throughout the world, the Air Weather Service has contributed immeasurably to the increasingly important aerospace activities of the USAF. In the vast area serviced by flying operations of the Caribbean Air Command, the combination of distances, variable climates, and rugged terrain, places a high premium on reliable Air Weather support. This command has enjoyed superlative assistance from Detachment 17, 15th Weather Squadron. I am confident that the future of your organization will be characterized by the same high standards of efficiency that have marked its performance in the past.

From Air Defense Command: On the 25th anniversary of the Air Weather Service I extend my heartiest congratulations to you and all your personnel. Over the past quarter century the military weather service has grown from modest beginnings to its present importance as a critical and key operational support service. Those scientists and technicians who are our military meteorologists have always been quick and diligent to seek ways to render this service, whether it be the discovery of a new technical procedure, improved equipment or the issuance of successful meteorological products. As I reflect on the developments and improvements that have been made over the years I see the strong influence and guidance of the many dedicated men and women of your Service. The inevitable and rapid process of change in today's developing aerospace era will undoubtedly present the Air Weather Service with formidable challenges in which the spirit of dedication I have seen among your personnel will be of great influence. We, in the Air Defense Command, extend our encouragement and express our confidence that these challenges will be successfully met.

From CONAC: It is with pleasure that I note the observance of the 25th anniversary of Air Weather Service and the 10th anniversary of 2d Weather group. Supporting military commands all over the world is no minor task. Each has special requirements for the accomplishment of its mission. Air Weather Service and 2d Weather group have met the requirements of CONAC in an exemplary manner. I wish to extend my personal congratulations to your organization on this memorable occasion.

From Alaskan Air Command: With pleasure I note that July 1, 1962 is the 25th anniversary of the Air Weather Service, and congratulate you and members of your command on completion of a quarter century of service to the Air Force and the Nation. We, in Alaska, perhaps more than in most Air Force commands, appreciate the importance of reliable weather service and consider the timely, accurate observations and forecasts provided by your command to be a valuable contribution to the accomplishment of our mission. Again, congratulations on this notable occasion, and best wishes for continued success.

From AFCS: Our organizations have many common roots in the history and traditions of the Air Force. The requirements for weather and communications have grown together to meet the demands of aerospace operations. Traditionally the people of our respective organizations have been neighbors as we have provided service to others. It is agreeable, therefore, that the officers, airmen and civilians of this command, world-wide, join in sending best wishes and congratulations to our global neighbors on this important and proud anniversary in the history of Air Weather Service.

Pike's Peak Seminar Holds First Meeting

The Pike's Peak Seminar for Atmospheric Sciences held its first regular meeting May 28, 1962. Thirty-five members, their wives and guests gathered at a Colorado Springs restaurant for dinner, election of officers, and a talk by Col. Robert C. Bundgaard, 4th Weather wing scientific services officer.

Personnel of the 4th Weather wing were instrumental in getting local meteorologists together and in obtaining approval from the American Meteorological Society for the organization of the seminar. The first year's executive committee consists of Dr. C. Eugene Buell, Kaman Aircraft-Nuclear Division, president; Col. Robert R. Osborn, 4th Weather wing operations officer, vice-president; Capt. Donald E. Barbarick, 4th Weather wing scientific services, secretary; and Mrs. Helen F. Pool, publications editor, ADC Flying Safety, treasurer. Mrs. Pool is the wife of MSgt Harry A. Pool, 4th Weather wing scientific services. Capt. Barbarick and Capt. Eugene T. Gray, also of 4th Weather wing scientific services, acted as president and secretary respectively, until election.

Besides the 4th Weather wing and Detachment personnel, meteorologists from the US Weather Bureau, Kaman Aircraft-Nuclear Division and the Air Force Academy are lending their enthusiastic support to the new organization.

Col. Bundgaard chose Pike's Peak as an appropriate subject for his talk. He covered the history of the weather observation site established on the summit by the Army Signal Corps in 1873. First the Signal Corps and later the Weather Bureau operated this station until 1894. Accompanying his talk with rare photographs of the period, Col. Bundgaard recounted some of the experiences recorded by the weather observers in their station log. Fantastic accounts of atmospheric electricity probably inspired Nikolai Tesla's choice of Colorado Springs for the location of his high potential laboratory, established in the 1920's.

Though most of the men at the lonely outpost were competent and methodical observers, some reports were based more on imagination than observation. A

colorful and eloquent chief observer, whose accounts merited headlines across the nation, finally received a court-martial and discharge "without character." In spite of fabricated tales, the Pike's Peak weather station was the site of several scientific studies contributing to our knowledge of the atmosphere.

The Pike's Peak Seminar will work to further the objectives of the American Meteorological Society which are the development and dissemination of meteorological knowledge in all its phases of applications, and the advancement of professional ideals. As a scientific fellowship for all those working in meteorology and allied fields in the Pike's Peak region, the seminar will cultivate the professional interests of its members while seeking better application of meteorological knowledge and techniques in the support of regional enterprises. Specific activities planned are presentations by visiting scientists and representatives from industry; luncheons with people from local press, radio, television and civic organizations for the purpose of exchanging ideas on meteorological services and problems in these areas; and participating in school science programs.

Additional Congratulations

Additional congratulatory messages were received from Minot Air Defense Sector; Sheppard Technical Training Center; Minot AFB, S. D.; Third AF; Eighth AF; Seventeenth AF; 63d Troop Carrier wing; 93d Bombardment wing; 298th Strategic Missile wing; 823d Air Division; 3525th Pilot Training wing; 4126th Strategic wing; 4136th Strategic wing; 4141st Strategic wing; and 4245th Strategic wing.



WEATHER EQUIPMENT SPECIALISTS for the Nationalist Chinese Air Force recently completed OJT training conducted by Detachment 8, 1st Weather wing at Kadena Air Base, Okinawa, under the auspices of the MAAG Taiwan Program. The graduate trainees were: (front row l to r): Capt. Hsu, Lt. Col. Yen; Maj. Tung, and Capt. Hsien-Ming Li; back row l to r): Capt. Ning, Capt. Ou, Capt. Chi-Mao Li, and Lt. Shih.

Births

REIFARTH, A2c and Mrs. James B., a daughter, Pamela Ann, born May 2 at Grenier Field, N. H. Father assigned to 101st Weather flight, Grenier Field, N. H.

CAREY, A2c and Mrs. Robert E., a daughter, Lori Anne, born May 5 at Grenier Field, N. H. Father assigned to 101st Weather flight, Grenier Field, N. H.

BERUTTI, SSgt and Mrs. Anthony J., a son, Anthony Joseph, born May 19 at Patrick AFB hospital, Fla. Father assigned to Det. 11, 4th Weather group, Patrick AFB, Fla.

HENSON, 1st Lt. and Mrs. Ernest E., a daughter, born May 21 at USAF hospital, Scott AFB, Ill. Father assigned to Hq. AWS, Scott AFB, Ill.

CRIM, Capt. and Mrs. Mack C. W., a daughter, born May 29 at USAF hospital, Scott AFB, Ill. Father assigned to Hq. AWS, Scott AFB, Ill.

FERRARO, A3c and Mrs. Joseph H. Jr., a son, Anthony Wayne, born May 29 at Patrick AFB hospital, Fla. Father assigned to Det. 11, 4th Weather group, Patrick AFB, Fla.

QUELCH, Capt. and Mrs. William H. Jr., a son, Robert William, born May 29 at USAF hospital, Scott AFB, Ill. Father assigned to Hq. AWS, Scott AFB, Ill.

MAINS, MSgt and Mrs. Robert L., a daughter, Lucinda Anne, born June 1 at Grenier Field, N. H. Father assigned to 101st Weather flight, Grenier Field, N. H.

BRAGG, Mr. and Mrs. Robert, a son, Scott Aldon, born June 9 at Grenier Field, N. H. Father employed at Grenier Field, N. H.

HOLLAND, Capt. and Mrs. Darrell T., a daughter, Linda Dianne, born June 9 at Riverside Hospital, Newport News, Va. Father assigned to 16th Weather squadron, Ft. Monroe, Va.

OWENSBY, 2d Lt. and Mrs. Garvie H., a daughter, Kathryn Sue, born June 26 at Mercy hospital, Sacramento, Calif. Father assigned to 55th Weather Reconnaissance squadron, McClellan AFB, Calif.

DILLON, 1st Lt. and Mrs. John, a son, John F., born June 29 at Ft. Devens, Mass. Father assigned to Detachment 12, 16th Weather squadron, Ft. Devens, Mass.

Observer of Month

Detachment 20, 31st Weather squadron, Sembach, Germany, has selected A2c Ralph E. Emery as "Observer of the Month."

The award, accompanying the title is a three day pass, which is given to the winner on the basis of weather observation accuracy, initiative, attitude, and general military bearing.

The monthly award has stimulated an increased competitive spirit among the personnel of the small Sembach based unit.

Allied Nationals Train at Chanute

by TSgt David H. Batts

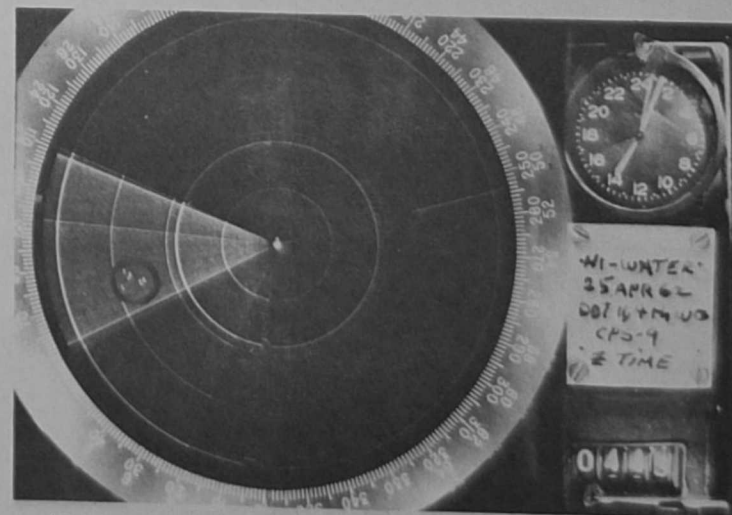
For the Allied National who has successfully completed his formal meteorology training in the Department of Weather Training at Chanute AFB, training in either the fundamentals of weather observing or the "scientific art" of weather forecasting does not end with a course diploma.

To borrow a phrase from the current national scene, an "open market" presently exists between the Department of Weather Training, under the command of Lt. Col. James Q. Locklear, and Detachment 8, 24th Weather squadron commanded by Lt. Col. Charles H. Harrison, whereby graduate allied observers and forecasters have the opportunity to observe and participate in the activities of a front-line AWS detachment.

This training is conducted under the knowledgeable guidance of the experienced detachment staff of forecasters and senior observers, all of whom have attended, at one time or another, the same course from which the foreign national has graduated.

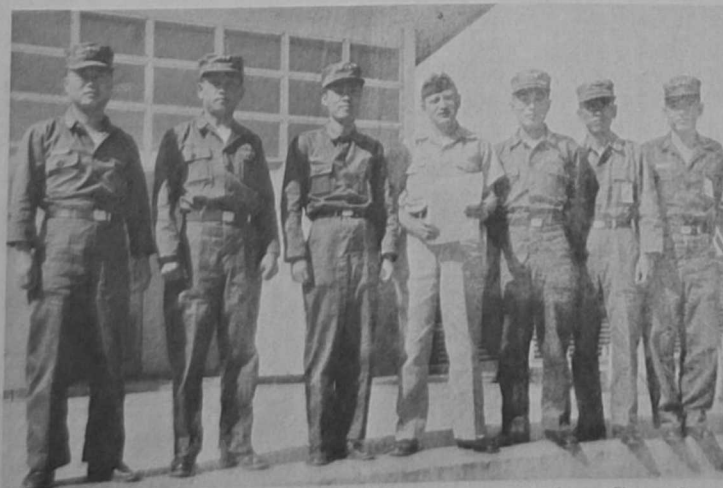
Thirteen officers and airmen from Pakistan, Greece, Thailand, Ecuador, Iran, Peru and Ethiopia, have participated in this program at Chanute.

The program represents something more than routine on-the-job-training, as these officers and airmen are already qualified graduates of their respective meteorological schools. This program may be said to represent but one more facet of the close and mutually rewarding liaison between Air Training Command and Air Weather Service on one hand, and on the other—even bigger side of the "Big Picture"—it highlights the type of international cooperation that has made such treaty alliances as NATO and SEATO the "shields of the free world."



AWS's MISSILE TRACKING RADAR HAS proven that the CPS-9 is not being used to its full capacity and has submitted the above photograph as proof. The blips shown on the scope are reflections of NASA's "SATURN" which was launched at Cape Canaveral on April 25. Using this scope photo as evidence of the 9's versatility, Detachment 11, 4th Weather group, will consider offering to support missile launches with a back-up tracking system, at no extra cost to the Atlantic Missile Range.

CMSgt Leroy Robinson, MSgt Henry Holmes and TSgt Lawrence Miller pooled their technical experience to track the SATURN. Detachment 11 is now curious as to the other capabilities of the CPS-9.

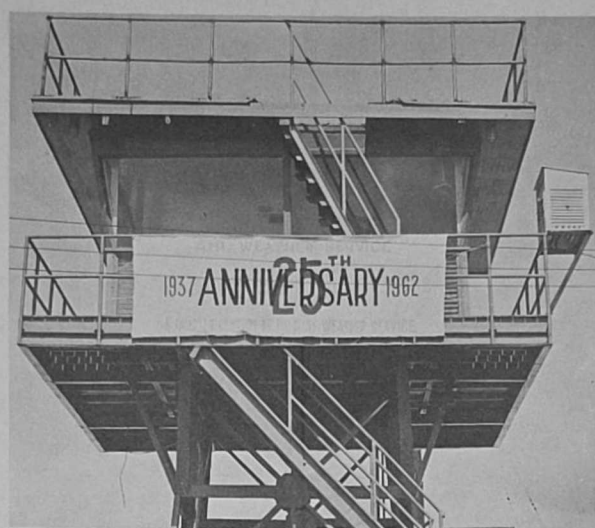


A LETTER OF APPRECIATION is presented to Capt. Sey Katz (center), Detachment 5, 6164th AF Advisory group to the Republic of Korea AF by the 7th ROKAF Airways Communications Service wing. Present for the presentation were from left to right: Col. Lee, Duk jo; Col. Kim, Byung Tak; Col. Kim, Dong Heul, 7th Airways wing commander; Capt. Katz; Col. Kim, Jae Sung; Lt. Col. Chi Tae Sung; and Lt. Col. Kim Sung Suk. Capt. Katz served as senior weather officer for this organization for the past three years.

25th Anniversary -- At Home And Abroad



Headquarters AWS



Osan AFB, Korea



21st Weather Squadron



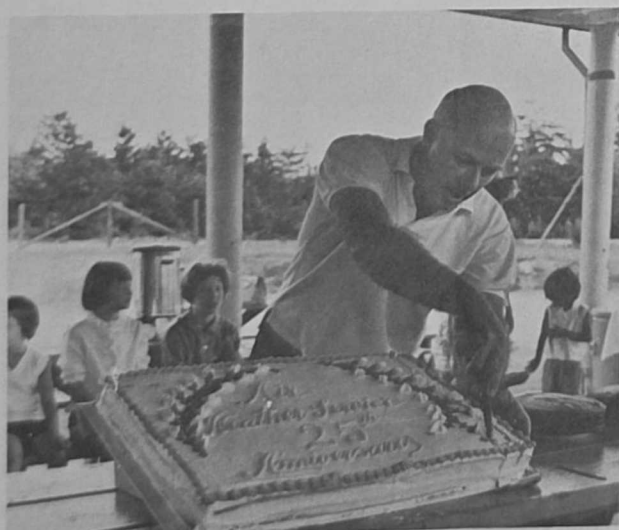
24th Weather Squadron



Det. 28, 25th Weather Squadron



2d Weather Group



4th Weather Group



Headquarters AWS



Det. 6, 24th Weather Squadron



9th Weather Reconnaissance Group



Det. 15, 1st Weather Wing



Det. 50, 25th Weather Squadron

Unit Emphasizes Off-Duty Study

Many commanders, faced with the problem of maintaining high standards of unit training while continuing to accomplish their mission, have turned to off-duty correspondence courses and on-post or on-base instruction as a means of keeping their men abreast of new developments. An example of the effectiveness of one unit's educational program can be found at the Army's Chemical Corps Proving Ground, Dugway, Utah.

Detachment 15, 16th Weather squadron is one of the many Air Force units serving with and supporting Army installations throughout the country. At Dugway, the detachment provides accurate weather forecasts necessary for the accomplishment of the Chemical Corps test program.

The detachment offers to the Proving Ground a variety of professional and technical skills along with the most modern of meteorological equipment.

Under the command of Capt. Astor K. Johnson, the unit has established an impressive record by encouraging nearly 65 percent of its members to participate in on-post college level courses in meteorology. These courses are administered under the Military Tuition Assistance Program and supervised by the Extension Division of the University of Utah. Some of the courses are conducted at facilities provided by the Proving Ground, while others are given at the University in Salt Lake City, 80 miles away. Two of the courses presented under the program are Elementary Meteorology and Atmospheric Diffusion. Successful completion of each course provides up to four college credit hours.

The detachment's educational program has also resulted in an unexpected side effect, in that many of the participating airmen have been stimulated to enroll in other college educational programs. One airman and his wife make the 80-mile trip to the University in Salt Lake City two nights each week for courses in music appreciation and psychology. Others in the unit are taking correspondence courses from schools ranging from the Air Force Officers Candidate School to the US Army Command and General Staff College.

With today's expanding technology and its effect upon the Armed Forces, the necessity for highly trained personnel is a prime factor in personnel utilization. Education has become a vital asset to the services and the men of Detachment 15 fully realize the personal benefits that also arise from it.

EDITOR'S NOTE

Airman Magazine carries a story on page 38 of its July issue covering the mission of 3d Weather wing at Offutt AFB, Neb., its squadrons and detachments. The story, titled "Revolution in Weather" is recommended to all Air Weather Service personnel as a reading "must." (WWF)



THE OUTSTANDING REMOTE SITE Detachment Plaque is presented to Alc Milton C. Scott, Detachment 11, 11th Weather squadron, Cape Romanzoff AFS, Alaska, by Major Raymond W. Nyls, commander of the 795th AC&W squadron there.



MATS OUTSTANDING UNIT AWARD for Ground Safety is being admired by Col. Eugene D. Wallace, commander, 56th Weather Reconnaissance squadron (left) and SSgt Wesley J. Campbell, NCOIC, squadron Safety Office. The plaque was presented to the 56th WRS for their excellent ground safety record in 1961.

Army Support Weathermen Confer at Fort Monmouth

Weather Personnel who operate weather support detachments at Army posts in the Northeast United States, recently conferred at Fort Monmouth, N. J., under the auspices of the 16th Weather squadron, Ft. Monroe, Va.

The agenda covered practical matters of supply, and methods of forecasting. It included a talk on applied climatology by Lt. Col. Lewis A. Pitt, a member of the 16th Weather squadron, who is assigned as staff weather officer to Hq. First United States Army at Governors Island, N. Y.

Defining the term as "a problem-solving, engineering type of service provided by highly qualified weather specialists to military planners," Col. Pitt added, "success or failure of an exercise or other military mission, can be occasionally traced to employing or ignoring such applied climatology."

He cited the cancellation of a paratrooper operation during a recent cold-weather, airborne assault exercise in the Northeast U.S., "Consultation with a climatologist by the exercise planner," Col. Pitt said, would have revealed that although at times, the paratrooper jump site provided excellent weather conditions, their departure point from which the tactical aircraft were to begin

their run, did not possess favorable weather conditions simultaneously."

Col. Pitt is chairman of the weather conference at Ft. Monmouth. Attending with him was Lt. Col. Joseph Leszcz, staff weather officer to Hq. Second United States Army at Ft. Meade, Maryland.

In addition, conferees included weather personnel from Ft. Devens, Mass., and Ft. Monmouth, N. J., in the First Army area; and Ft. Belvoir, and Ft. Eustis, Va., and Ft. Meade, Maryland, of the Second Army area.

Currently with the seminar for weather detachment commanders, a separate round-table discussion was conducted by chief weather observers from these detachments.

Participants were also briefed by Army Research Meteorological Division personnel from Signal Laboratories attached to Ft. Monmouth.

The 16th Weather squadron, based at Ft. Monroe, Va., consists of 18 detachments and eight staff weather officers, and is a USCONARC support unit, headed by Lt. Col. Lewis L. Howes. The 16th squadron operates under 2d Weather group at Langley AFB, Va., commanded by Col. Nicholas V. Chavasse.

Reichelderfer Cites 56th WRS

55th Weather Reconnaissance squadron, McClellan AFB, Calif., under the direction of Lt. Col. Robert V. McKibban, was recently cited for its outstanding contribution to the field of meteorology.

In a letter from Dr. F. W. Reichelderfer, chief of the US Weather Bureau, the squadron's extensive aerial weather reconnaissance of the eastern Pacific during March 1962 was noted as being extremely accurate and timely. This resulted in a definite improvement of the weather analyses in that area.

The 55th, which has operated lengthy flights from McClellan since October 1949, has also been named as the recipient of the AWS Senter Award for 1962. The award, to be presented formally in the near future by Brig. Gen. Norman L. Peterson, AWS commander, is presented annually to the reconnaissance unit having the best over-all record in performance and operational readiness. It is given in honor of Maj. Gen. William O. Senter, commander of AWS from 1950 to 1954.

The squadron, which was recently notified of its transition to jet aircraft, is the only weather reconnaissance squadron operating in the eastern Pacific, Gulf of Alaska, and Arctic areas. Although the primary missions are flown daily on predetermined tracks over these remote, uninhabited regions, members of the unit are often deployed to distant locations throughout the world in support of selected projects. It is instrumental in providing instantaneous weather data for satellite operations, troop movements, atmospheric sampling, and storm (hurricane) tracking.

Operating exhaustive missions under all climatic conditions, with an envious flying safety record, has earned the flying weathermen several distinguished honors. Among these proud symbols of excellent performance are the Air Force Outstanding Unit Citation and the USAF Flying Safety Award.



SURPRISE—Mrs. James W. (Kit) Green, a volunteer worker in the Ellsworth AFB, S. D., Family Services office, was caught off guard recently when Maj. John R. Gross, chief, military affairs division, announced that she had been chosen Family Services Worker of the Month for March. Here, Maj. Gross presents a gold compact to Mrs. Green as a token of appreciation for her services.

Allied Forecasters Train at Reese

Detachment 11, 24th Weather squadron, Reese AFB, Texas, is host to Flight Lt. M. A. Ansari of Pakistan and Capt. Lun Li, of the Republic of China during a phase of OJT training there.

Capt. Li is a well qualified forecaster with 12 years of forecasting experience in his homeland. Flt. Lt. Ansari has been forecasting for 13 years in an area similar in climate to the State of Texas. Both officers reported to Reese after completing refresher training at Chanute AFB and are being instructed on weather station operation and local forecasting policies.

Upon departure from Reese AFB, Capt. Li will be reporting to Instructor School at Amarillo AFB and Flt. Lt. Ansari will return to Pakistan.

Lowest US recorded temperature (excluding Alaska) was -70°F on Jan. 20, 1954, at Robers Pass, Montana.

Lowest temperature recorded in the northern hemisphere was -90°F at Oimekon (1933) and Verkhoyansk (1892) Siberia.



GRADUATES of the 3d Weather Equipment Superintendent Class, Chanute AFB, Ill., pose with their instructors before a CPS-9 Radar Antenna. Pictured from l to r front: Capt. Yun-Tse Chiang, Republic of China, TSgt Thurman H. Miller, MSgt Robert N. Scobie, MSgt Joseph J. Chabak, TSgt Bobby R. Stevens, and TSgt George L. Winters. Back row (l to r); MSgt Ray A. Glenn, Course supervisor; TSgt David Echols, instructor; C. E. Hooper, instructor; TSgt Paul Kubovick, Don Bushoom, instructor; and TSgt Raymond Peyronel. Not present was MSgt Jackie D. Millner.

Weather Observer Holds Aikido Title

"The use of the opponent's force against himself," in the words of SSgt John F. Tracy, a weather observer at 1st Weather wing's Fuchu Air Station weather central, pretty much define the art of Aikido (pronounced EYE-KEY-DOE) a hand-to-hand combat technique evolved from Ju Jitsu. TSgt Jack M. King agrees. Why should they know? The answer is simple. These two are the first Americans ever to attain the sport's "DAN" (degree), black belt.

According to the two sergeants, there are twenty different levels of achievement in Aikido. Ten in the beginner range called "KYU" (pronounced CUE) and ten in the advanced range known as "DAN" (pronounced DON). The basic differences between Judo and Aikido is that the former involves grappling and throwing the opponent, while Aikido is based on the bending and twisting of joints and attack of vital points similar to that employed in Karate.

Sgts Tracy and King have studied the Tomiki system of Aikido for more than three years. Asked how they first became interested in the sport they each told a different story.

Tracy, a weather observer at 1st Weather wing's Fuchu Air station weather central, said simply, "I wanted to keep in condition and Aikido is a great conditioner." Reflecting on his first introduction to the sport, Sgt King of Hq. squadron, Far East Communications Region, recalled that he became interested quite by accident. "I was watching a friend work out with his Aikido class when he jokingly remarked that Aikido was too rough for me," he explained. Sgt King set out to disprove that theory immediately.

Singing NCO Places 1st--3d

3d Weather squadron at Shaw AFB, S. C., has been well represented for the past two years in the field of amateur talent. SSgt Eddie Dickens was assigned to Detachment 4, 3d Weather squadron in 1960. Possessing exceptional talent in specialty and male vocal categories of entertainment, he entered base competition for a chance at the Tactical Air Command show in 1961. Winning third place in the Shaw competition, he went on to take third place on the TAC finals which made him eligible for the Air Force-Wide competition at Andrews AFB, Maryland. Once again the "singing NCO" brought back a third place showing.

This year found Dickens in first place in the Shaw competition in both the specialty and male vocal categories. Once again, showing the old form, Eddie walked away from the TAC finals with first place in the male vocal and third place in the specialty category, earning another shot at the AF World-Wide Talent Contest held at Shaw. His outstanding performance again put him in third place Air Force-wide as well as earning for him the deep appreciation of his commander, Lt. Col. Eugene Tiddy, and the officers and airmen of his unit.



THE FIRST person ever to sink a hole-in-one on the par three, seventh hole at the municipal golf course adjacent to Hulman Field, Indiana, is SSgt Jim Wolff, a weather forecaster in the 113th Weather flight located at Hulman Field. In making the almost impossible shot, Wolff whipped 8,606 to 1 odds with a 194-yard drive. He carries a handicap of nine in the base golf league.

The fifth TIROS weather satellite, launched June 18, is expected to provide superior photographs of tropical weather storms as well as the later phases of ice break-up in northern latitudes. It will circle the earth about every 97 minutes at an altitude of about 350 nautical miles.

Weather Squadron Wins Golf Tourney

The 31st Weather squadron at Ramstein, Germany, took first place honors in the annual 2d Weather wing golf tournament, hosted by the 7th Weather squadron at Heidelberg Golf Club May 21-25. Capt. Harold R. Selfridge, team captain accepted the first place trophy from Lt. Col. Walton L. Hogan sr., 7th Weather squadron commander.

Other members of the team were: Maj. Winston G. Miller; CWO Richard B. Kithcart, SMSgt Charles B. Blatock, MSgt Francis C. Stack, MSgt Louis M. Van Moppes, and A2c Carl B. Francis.

Second place team honors went to the 7th Weather squadron team composed of: Lt. Col. Frank W. Breitling jr., Lt. Col. Robert L. Maynard, Maj. Edward T. Badger, Maj. Donald N. Thompson, Capt. Thomas M. Brandon jr., 1st Lt. William J. Heske, SSgt James R. Jobson, and A2c Phillip W. Fitts.

First place individual honors went to 1st Lt. Monroe D. Mitchell of the 28th Weather squadron with a 72-hole total of 291. Second place honors were taken by A2c Carl B. Francis, 31st Weather squadron with 311.

During the practice round on May 21, Capt. William C. Myer of 2d Weather wing scored a hole-in-one on the 132-yard, par 3, 7th hole. Maj. Edward T. Badger, 7th Weather squadron served as tournament director. The tournament was conducted on a scratch basis with the lowest five scores from each team counting each round. Except for a couple of windy days, the weather was perfect and all rounds were played as scheduled.



WINNERS of the Maxwell AFB, Alabama, Thursday Southern Intramural Bowling League are members of Detachment 9, 15th Weather squadron, pictured as follows: (standing l to r) Capt. H. E. Bradberry; Lt. Col. H. O. True, detachment commander; Lt. A. C. Ramsay, and MSgt G. D. Rasmussen. (kneeling l to r) A2c E. L. Erwin; Team Captain, SMSgt T. W. Russ, and MSgt P. H. Eyclesheimer.



RECORD?—Lt. Col. Leland J. Rath, of 24th Weather squadron, Randolph AFB, Tex., holds a kingfish (king mackerel) weighing 50½ pounds and measuring 5 feet, 1 inch which he caught at Port Aransas, Tex. Weighed and witnessed, the huge fish has been entered in national competitions.

Hole-in-One

Another name has been added to the fast growing list of Kindley golfers who have made a hole-in-one shot on Bermuda links.

Latest to accomplish the feat is SSgt Anthony Cibello, 53d Weather Reconnaissance squadron. Sgt Cibello made the ace, his first, on the 325-yard par four first hole on the St. George's Hotel course. The first hole is blind from the tee, dog leg to the right.

Witnesses were Airmen First Class Allen Laskey and Tom Miller, and SSgt Douglas Holcombe. Sgt Cibello, a middle seventies golfer, took up the game only two years ago. (The Bermuda Skyliner).

Detachment Scores in Bowling---Volleyball

Detachment 11, 24th Weather squadron, Reese AFB, Texas, combined efforts with Detachment 21, CARC and Detachment 2, 2010th Communications squadron, AFCS, to place second in the base intramural volleyball and bowling leagues.

The bowling team led by MSgt George M. Dietrick (team captain) rose from seventh to second place during the last seven weeks of play to take second place. The volleyball team, inspired by the playing of Capt. David Mugg, Detachment 11, and Lt. Gary Alden, CARC detachment, rose in the base playoffs to gain and hold the second place slot.

Three units have entered a team in the summer bowling league and are eagerly looking forward to the first place trophy.

8th Group Stresses Physical Fitness

Physical fitness is receiving special emphasis these days within the headquarters of the 8th Weather group at Scott AFB, Ill.

Offering an outdoor sport for which everyone has an interest is normally a difficult task, but 8th Weather group believes it has come close to the optimum.

Heading a list of sports activities is softball for which 14 members have turned out. At present this softball contingent is tied for first place in the Scott AFB squadron standings.

Next in line is golf. In addition to entering a team in base competition, a strong competitive spirit has arisen between group golf enthusiasts within Group Hq., in jockeying for top position on the group "golf ladder."

Sometimes considered a game for "old men," horseshoe pitching is another sport in which numerous personnel are engaged. The group "horseshoe ladder" offers singles as well as doubles competition for both young and old alike.

By developing this interest in outdoor sports, the group feels it increases individual morale and competitive interest and also bolsters the Air Force's physical fitness and conditioning program.

Chess Champion

A2c Jack S. Hollis, Detachment 11, 24th Weather squadron, Reese AFB, Tex., took top honors in the recent Reese AFB Chess Tournament to become base champion for the second consecutive time.

Airman Hollis scored first in a series of four games played at the Mathis Service Club at Reese on June 18-20. He departs sometime this month to play in the Air Training Command tournament at Randolph AFB, Tex.

Hollis entered the Air Force in December 1956 after graduating from Austin high school, Austin, Tex. He left the AF in November 1960 to attend the spring semester at San Antonio Jr. College and reentered the AF in July 1961.

Airman Hollis served at Dobbs AFB, Ga., and on Texas Tower No. 3 prior to assignment at Reese.



FIRST PLACE WINNER of the International Golf Day Tournament held recently at Ft. Rucker, Ala., was SSgt Harry E. Blackford of Detachment 9, 16th Weather squadron. The tournament, called "Beat Gary Player Day" was held for charity. Sgt Blackford beat Gary Players' score with a handicapped total of 63 par. Presenting the trophy to Sgt Blackford is Lt. Col. F. A. Fox, provost marshal.