



AS A B-52 STRATOFORTRESS taxis down the Fairchild AFB, Wash., runway, results of Project Cold Wand (fog dispersal) can be seen in the background. Forty minutes after AWS weather personnel began seeding operations with liquid propane, the base's runway visual range had improved from less than 1,000 to more than 6,000 feet. Cloud ceiling increased from 200 to 500 feet. This B-52 was taking-off in support of a scheduled Operational Readiness Inspection of the 92nd Strategic Aerospace Wing.

Forty-seven weather NCOs selected for super grades

Hq. AWS -- Of the 687 chief master sergeant stripes up for grabs in the Calendar Year 1970 E-8 and E-9 Promotion Cycle, Air Weather Service people got 13 of them. The command garnered 34 E-8 stripes out of 1,338 E-8 promotions.

Eleven of the 13 E-9s selected possess weather related skills while 24 of the 34 E-8s selected have weather related career fields.

Those selected and their Air Force Specialty Code are:

Col. Anderson heads AMS council post

Hq AWS, -- Col. Arthur W. Anderson, Air Weather Service chief of staff, has been elected to the Council of the International American Meteorological Society, the weather society has announced.

As the policy-making group for the meteorologists' professional society, the AMS Council is composed of eminent weather scientists from a number of governmental, academic, industrial and military weather organizations. Colonel Anderson will serve on the council for the next three years.

He joins on the council Col. William H. Best, Jr., deputy chief of staff for operations, Air Weather Service, and Herbert S. Appleman, chief scientist for the AWS physical sciences directorate. AWS Commander Maj. Gen. Russell K. Pierce, Jr., has just completed a three-year term on the council.

This year marking its 50th anniversary, the American Meteorological Society was founded for the development and dissemination of knowledge of meteorological and advancement of professional aims. It draws its membership from all areas of meteorological endeavor. Like the Air Weather Service, the society has elements in many countries, as well as throughout the United States.

Chief Master Sergeant

Paul G. Becker	253X0
Dolphus M. Cruwe	252X0
I. J. Daubenspeck	302X1
Carroll E. Davis	253X0
Robert R. Kennedy	252X0
Emidie J. Hazella	253X0
Earl C. McEltrie	301X5
Lawrence P. Hedler	704X0
William J. Rummel	252X0
Samuel H. Stewart	302X1
Thomas M. Watson	252X0
Clarence J. Welch	253X0
Everett Woolum	253X0

Senior Master Sergeant

William J. Amari	302X1
Henry F. Bludis	253X0
Willie Brown Jr.	301X5
Larry J. Burns	253X0
Redmond L. Carey	645X0
James W. Carroll	302X0
James H. Clevinger	645X0
Robert J. Copeskey	253X0
Norman C. Craig	252X0
Kenneth Daly	253X0
Kenneth J. Foley	253X0
Loren W. Hall	253X0
Gerald L. Kieckow	253X0
Robert E. King	253X0
George J. Krause	253X0
Paul Kubovich	302X0
William C. Mack	431X1
Edward F. Madigan	253X0
Ralph C. Morris	253X0
Berna D. Murray	434X0
Rafael A. Pineiro	432X1
James C. Price	432X1
Robert B. Ruiz	252X0
John H. Rushing	645X0
John E. Sanderson	302X0
Charles F. Schutte	253X0
James R. Stone	252X0
Walter J. Urban	253X0
Robert Webb Jr.	252X0
Gilbert E. Weissner	304X4
Alvin G. Wiens	253X0
Raymond L. Williams	253X0
Charles F. Wilson Jr.	253X0
Thomas J. Wright Jr.	301X5



SHOWING LITTLE MISS Yoshie Yoko of the St. Joseph Orphanage, Tokyo, Japan, just how good ice cream can taste is Col. Tedd L. Bishop, 56th Weather Reconnaissance Squadron commander, Yokota AB, Japan. The 56th recently held its annual Christmas party for the 105 girls of the orphanage. The reconmen have provided aid to the orphanage for five years.

Fairchild ORI gets 'all clear' with help from Cold Wand

FAIRCHILD AFB, Wash.-- The cold air trembled with the roar of jet engines as the big bombers and tankers taxied into position at one end of the long runway.

At intervals the roar would become almost painful as each pilot pushed the throttle forward and released the brakes, sending his aircraft down the concrete strip and into the winter sky.

It was a Strategic Air Command Operational Readiness Inspection (ORI) and these birds were flying only because of a handful of Air Weather Service scientists and a project called COLD WAND.

COLD WAND is a super-cooled (sub-freezing) fog seeding operation which dispenses

liquid propane gas into the fog upwind of the runway. The vaporizing propane causes the water droplets in the fog to freeze into ice crystals which grow and fall as snow. As the snow falls the fog dissipates visibility increases.

Experiments with the process were being carried out at Fairchild AFB. Then the 92nd Strategic Aerospace Wing had an ORI.

The base was well below weather minimums all during the morning. Seeding the day before had deposited one-half inch of snow on the airfield and, to prevent a similar accumulation on the aircraft, the 92nd SAW's director of operations requested that seeding be delayed that morning.

The flying portion of the ORI

was to take place in the afternoon. Seeding was not to take place until the last minute, if visibility had not improved.

The seeding began with field conditions at one-eighth mile visibility, runway visual range (RVR) less than 1,000 feet and a 200-foot ceiling. Forty minutes later the ceiling had lifted to 500 feet and RVR was greater than 6,000 feet.

Twenty-six aircraft participating in the ORI took off on schedule. All aircraft returning to Fairchild were successfully recovered.

More than 4,200 gallons of liquid propane were used for seeding during the ORI. After the last aircraft landed, seeding operations were halted and field conditions again went below minimums.



1870 - A Century of US Weather Services - 1970

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Headquarters, Air Weather Service, Scott AFB, Illinois

January 1970

Comet will be visible, if you know where to look

Hq. AWS -- A comet will be visible in the evening sky late this month and early in February. It will be bright enough to be seen with the naked eye if the observer knows where to look.

Comet Tago - Sato - Kasaka (named for the three Japanese who discovered it) was discovered this past fall as it was approaching the sun. Its orbit carried it beyond the southern horizon for northern hemisphere observers. It has now completed its swing past the sun and will be visible once more as it moves outward toward the outer reaches of the solar system.

The comet will be seen in the west-southwestern sky after sun-

set. Each night it will be seen higher above the horizon. On Jan. 18, its altitude was about 15 degrees, by the end of the month it will be 75 degrees above the horizon. Each night it will also grow fainter, reaching near the limits of naked-eye visibility by the end of January. Binoculars are almost a must for the comet hunter.

No reports have been received indicating that Tago-Sato-Kasaka has a tail. It will probably appear as a "fuzzy" star. In fact, observations on two successive nights may be needed to confirm that the suspect has moved relative to the background of stars.

Comets are members of the solar system but are different from the planets and the rocky rubble known as asteroids. They are believed to be icy chunks of matter, perhaps having gravel imbedded in the ice. The size of this body is small, probably less than 1,000 miles in diameter. They move in very egg-shaped orbits around the sun.

They can swing very close to the sun, occasionally grazing the dense solar atmosphere, then slowly cruise off into the cold outer solar system. As the comet nears the sun the material on the surface is vaporized forming an "atmosphere" which is made to glow by the sun's light. This atmosphere is also carried away

(Continued on page 2)



Colonel Best to wear star

Hq. AWS, -- Col. William H. Best Jr., a veteran military meteorologist who is deputy chief of staff for operations, Air Weather Service, has been nominated for promotion to the rank of brigadier general.

A native of Brooklyn, N. Y., Colonel Best graduated from Polytechnic Preparatory School in Brooklyn before entering Princeton University, from which he graduated with a bachelor's degree in mathematics. He has a master's degree in meteorology from New York University.

A professional member and councilor of the American Meteorological Society, international organization for meteorologists, Colonel Best was one of the first AWS officers to study at the Institute of Meteorology at the University of Stockholm, Sweden, where he attended in 1954-55. He is a 1961 graduate of Air War College.

Military weather 1870-1970

CHRONOLOGY

Hq. AWS—Although today's Weather Bureau and the Air Weather Service are distinct and separate organizations, they have a mutual share in the origins of meteorological service in the United States.

The following chronology lists some of the highlights of this century of weather service.

- 1870 - Congress directs the Secretary of War to observe the weather at military stations in the U. S. and its territories. Responsibility assigned to Chief Signal Officer, U. S. Army. First weather experts made by 24 observer-sergeants.
- 1870 - School of instruction in meteorology established at Ft. Whipple, Va., (now Ft. Myer).
- 1871 - First regularly published weather predictions called "Probabilities" were made three times daily for eight geographical locations.
- 1890 - Congress passes act creating the Weather Bureau, effective 1 July 1891.
- 1891 - Meteorological facilities, equipment and personnel transferred from Signal Service to Weather Bureau.
- 1917 - Meteorological Section created under Service and Research Division of Signal Corps. Aerographic Section, U. S. Navy, created.
- 1918 - Signal Corps school for training meteorologists opened at Waco, Tex. First American weather station established in France in May.
- 1937 - Military weather service transferred from the Chief Signal Officer to the Chief Army Air Corps July 1, birth date of today's AWS.
- 1942 - Weather installations established at all U. S. overseas possessions in support of World War II operations.
- 1942 - First weather reconnaissance unit established August 16.
- 1945 - AAF weather service is charge with providing weather support to Army as well as to Air Force.
- 1946 - AWS assigned to Air Transport Command.
- 1947 - First low-level penetration of a hurricane by AWS WB-29 aircraft.
- 1948 - AWS assigned to Military Air Transport Service.
- 1948 - First tornado forecast by AWS forecasters Fawbush and Miller in March at Tinker AFB.
- 1950 - Fletcher's Ice Island is discovered in Arctic by Ptarmigan weather reconnaissance flight.
- 1951 - Severe Weather Warning Center formally established at Tinker AFB, Okla.
- 1954 - Joint (USAF-Navy-Weather Bureau) Numerical Weather Prediction Unit begins operations at Suitland, Md.
- 1954 - AWS receives first WB-50 aircraft.
- 1955 - Daily weather chart production by IBM 701 electronic computer is inaugurated May 6 at Joint Numerical Weather Prediction Unit.
- 1955 - VHF Pilot-to-Forecaster network established providing in-flight weather information.
- 1956 - First Weathervision (closed circuit TV) became operational.
- 1956 - A weather balloon is developed to extend AWS upper-air probes to 100,000 feet.
- 1958 - Received first jet engine aircraft (B-47).
- 1959 - First extensive nationwide weather facsimile network inaugurated.
- 1961 - AWS acquired B-57 aircraft.
- 1961 - AWS designated by AF as single manager for Defense Department aerial sampling.
- 1962 - The first C-130B aircraft especially modified for aerial sampling received by 55th ARS.
- 1962 - First simultaneous firings of meteorological rockets by the AWS-operated USAF rocketsonde network from four stations in the U. S., Canada and the Atlantic Ocean.
- 1962 - Solar Branch created at Hq. AWS to undertake test of solar flare and proton shower forecasting program.
- 1963 - Installed first operationally ready USAF Television Ground Station at 3rd Wea Wg to receive local readout of cloud pictures taken by weather satellites.
- 1964 - Air Force assigns AWS the responsibility for collecting data and developing analysis techniques for forecasting clear - air turbulence.
- 1965 - Reconnaissance units receive first WC-135 aircraft and last WB-50 retired.
- 1965 - Automated Weather Network becomes operational.
- 1965 - Solar Forecast Center designated and begins continuous operations.
- 1966 - Weather support expanded in Vietnam. First Weather Group, 5th and 10th Weather Squadrons activated.
- 1967 - U. S. space efforts enhanced by AWS-operated magnetometer network which became operational in February.
- 1967 - Increased efforts directed toward fog dissipation, suppression of lightning, varying amounts of precipitation and hail suppression.
- 1968 - AWS provides support for Apollo VII and VIII, first manned Apollo space flights.
- 1969 - WC-130 crews aided the drought stricken Philippine Islands in "Gromet II" missions which produced substantial rainfall.
- 1969 - AWS cited for support to Apollo moonshots which included warnings of solar events, solar flare particle data, projections of event size and daily status.
- 1969 - Hurricane Hunters lauded for penetrations of Hurricane Camille in August.
- 1969 - New Automatic digital weather switch activated at Carswell AFB, Tex.
- 1970 - 17 Wea Sq activated at Travis on 15 Jan 70.

First centennial event scheduled for February 70'

WASHINGTON, D. C.,—First major events in the 1970-long observance of the United States Weather Services Centennial will be a gala banquet and a symposium featuring leading experts in meteorology and related fields. The symposium and banquet—which also commemorate the 50th anniversary of the American Meteorological Society—will be held at the Washington Hilton Hotel, Washington, D. C.

Dr. Lee A. DuBridge, President Nixon's Science Advisor, will be principal speaker at the banquet, February 13. Following a 6:30 p.m. pre-dinner reception, dinner will be served in the International Ballroom. Requests for table reservations and banquet tickets (\$17.50 per person) should be addressed to WESCENT Dinner Committee, 700 Davis Building, 1629 K Street, N. W., Washington, D. C. 20006.

"A Century of Weather Progress" is the title of the symposium, which begins February 12 and continues through February 14. Some of the best-known atmospheric scientists from this country and abroad, will discuss recent progress and the future outlook for weather observing, forecasting and modification. Other sessions will cover the effects of weather and weather services on public safety, health, recreation, food production, industry, air and sea transportation and ecology.

AWS DCS/Air Operations

WHITNEY L. MORGAN
DCS/AIR OPERATIONS
AIR WEATHER SERVICE
SCOTT AFB, ILL.

BORN IN MONTEREL, TENN.

ENTERED MILITARY SERVICE
IN FEBRUARY 1943.

COMMISSIONED THROUGH
AVIATION CADET PROGRAM
IN MAY 1944.

WAS B-24 INSTRUCTOR DURING
WORLD WAR II.

HAS OVER 11,000 FLYING
HRS. IN 18 DIFFERENT
AIR CRAFT.

OVERSEAS TOURS HAVE INCLUDED OKINAWA,
HAWAII, ALASKA AND JAPAN.

HAS SERVED AS CHIEF AIRCREW EVALUATION
HQ. MAC AND COMMANDER, 56th WEA
RECONNAISSANCE SQUADRON.

MARRIED TO THE FORMER NATALIE
BEATRICE JORDAN OF NASHVILLE, TENN.
THEY HAVE THREE CHILDREN.

HOBBIES: HUNTING & FISHING.



NCO makes final school jump, assigned to same unit as dad

EGLIN AFB, Fla., — Parachute jumping seems to run in SMSgt. James Howell's family. Sergeant Howell began his parachuting career in 1949 and has been jumping out of aircraft ever since. Now his son, Sgt. Michael F. Howell has made it a family affair by completing airborne training at Fort Benning, Ga.

Both men are members of the Special Operations Weather Team (Detachment 75, 5th Weather Wing).

In recognition of the younger Howell's completing jump school and joining the only fully jump qualified weather unit in the Air Force, a three-man weather team traveled from Hurlburt Field, Fla., to Fort Benning during Sergeant Howell's final week of training. Two members of the team, Capt. Wayne Wheeler and MSgt. Henry Kelly, jumped with Sergeant Howell while the third team member, SMSgt. Charles Lagneaux, observed from the drop zone.

In joining Det. 75, Sergeant Howell adds his name to a distinguished list of AWS officers and airmen who have made the unit synonymous with the "Anytime, Anyplace" motto of the old Air Commandos.

Det. 75, commanded by Major Charles Smith, provides weather support to the 1st Special Operations Wing, Hurlburt Field; the Special Operations Force, Eglin AFB; and trains members for world-wide deployment into any environment. Members are tactical weather specialists capable of providing full meteorological support under any conditions.

It could be you

The Accident

After assisting in parking a WB-47E, the airman waited for a flight line vehicle. When it arrived, he jumped into the cab and slipped on some oil on the vehicle's floor. He fell backwards and struck his knee on the ramp. His supervisor suggested that he go to the hospital; he didn't think he had hurt himself that badly. Two hours later, however, his knee became more painful so he went to the hospital. His injury was diagnosed as a hemorrhaging knee with 3 days lost time.

The Cause

The airman's carelessness of jumping into the vehicle instead of mounting it properly.

What We Learned

Horsing around or attempting to show off usually leads directly to accidents. Doing things the right way is doing things the safe way.



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MAJ. GEN. RUSSELL K. PIERCE, JR.

Commander, Air Weather Service

CAPT. TERRENCE MAYER, Director of Information

LT. RAY A. CROCKETT, Managing Editor

SSGT. GENE GOLDSMITH, Editor

Comet visible

(Continued from page 1)

from the comet resulting in the comet's tail.

Comet Tago-Sato-Kasaka is not a spectacular object compared to some of the more famous comets. It is bright enough, however, to be classed as a naked-eye comet, something that happens about once every two or three years. Its appearance this month gives an opportunity to become a little more familiar with these heavenly visitors.



LOADMASTERS of the 54th Weather Reconnaissance Squadron and the 79th Aerospace Rescue and Recovery Squadron wave to the happy islanders on the ground at Woleai Atoll as the WC-130 of the 54th makes a final pass over the drop zone after airdelivering 2,000 pounds of gifts to the residents of Woleai. Attached to the aircraft by restraining harnesses, the airmen are (sitting left to right) Sgt. Mark Stahl and SSgt. Larry Sagan and (standing) MSgt. Lawrence Danner and TSgt. Kenneth Wolfe.

Flying Santas airdrop Xmas presents on Pacific islands

ANDERSEN AFB, Guam—Over a ten-day period in December, aircrews of the 54th Weather Reconnaissance Squadron, here, airdropped more than 10,000 pounds of Christmas gifts to nearly 7,000 needy residents of 28 islands in the Trust Territory of the Pacific. It was the 23rd year that the aerial weathermen had sponsored the project, dubbed Operation Christmas Drop. The packages contained many useful items, including books and tools,

donated by the military and civilian population of Guam.

The Air Weather Service Santa Clauses in flight suits were joined by aircraft and crews of the 79th Aerospace Rescue and Recovery Squadron, also based at Andersen. The 79th became part of the program several years ago when Guamanian generosity outgrew the AWS squadron's capabilities.

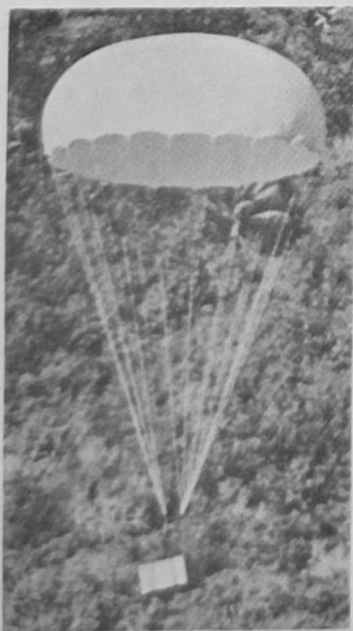
The islands chosen for the 1969 Christmas Drop were selected on the basis of the damage they sustained during the past year's unusually active typhoon season. Relative isolation of the islands and lack of regular supply ship visits also figured in the selection.

The gifts, specially packed in wooden crates, were airdropped from Lockheed C-130 Hercules aircraft operated by both the 54th and the 79th. According to Lt. Col. Harry N. Fields, 54th project officer, the 1969 Christmas Drop was the largest ever.

The 28 Trust islands included in this year's project were Agrihan, Pagan, Anatahan and Alamagan in the Northern Marianas; Murilo in the Hall group; Satawan in the Lower Morlocks; Pis, Nama and Losao in the Upper Morlocks; and Pingelap, Mokil, Ngatik and Nukuoro in the Ponape district.

Also Lomotrek, Satawal, Ulithi Falalop, Ulithi Asor, Ulithi Fassaral, Ulithi Lathow, Ulithi Mogmog, Falalop, Falalua, Mariyang, Paliau, Siliap, Tagaulap and Wattagal, all in the Yap district.

Nama, in the Upper Morlocks, is most populous with 1,052 inhabitants. In contrast, Ulithi Lathow has only six residents: four adults and two small children. Large or small, however, the 1969 Christmas Drop helped bring Christmas closer for the 23rd year in a row.



TO THE RESIDENTS of Woleai Atoll, this falling parachute is representative of the entire Christmas Drop project. It and forty like it were air-delivered to 28 islands in the Trust Territory of the Pacific and the Northern Marianas during the last ten days of December by aircrews of the 54th Weather Reconnaissance Squadron and the 79th Aerospace Rescue and Recovery Squadron.

New tactical weather unit being design

ANDREWS AFB, Md.—Custom-tailored weather data will soon be provided by a system under design by the Air Force Systems Command's Electronic Systems Division (ESD) at L. G. Hanscom Field, Mass.

TACWE, the new Tactical Weather System, will support Air Force tactical command and control system elements in any theater of operation and provide needed meteorological information for contingencies such as brushfire wars, emergency airlift and natural disasters.

Maj. Ralph Prete, who is directing the ESD effort, says "interchangeable electronics packages of the TACWE will give it versatility in meeting a wide range of weather information needs."

Three basic units will make up the system: a meteorological facilities module, a teletype facsimile module and a radio intercept module. Also in some instances there will be a powerful radio transmitter.

Depending on how the modules are linked up or tied into the system, it can serve as either a small station operation or a major weather complex. Radar will also be provided. The rugged design and compactness of TACWE modules will make the system easily transportable.

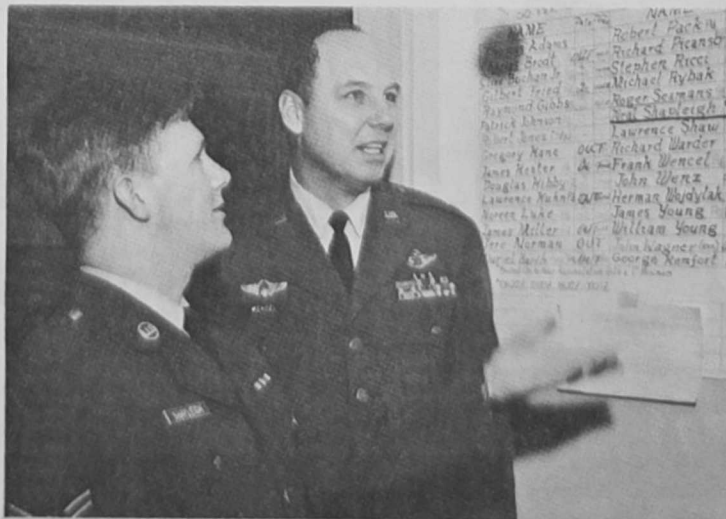
With raw meteorological data gathered from global and theater weather sources as well as its own observations, the system will produce weather products tailored to the special needs of its users.

AWS detachment gets SAC award

WRIGHT-PATTERSON AFB, Ohio—Detachment 15, 15th Weather Squadron recently became the first Military Airlift Command Unit at Wright-Patterson AFB to win a Strategic Air Command PRIDE Award.

The 17th Bomb Wing presented their PRIDE Banner to the detachment as the support organization that best exemplified the PRIDE Zero Defects Program.

Det. 15 is commanded by Maj. John F. Ryan.



TAKING TOP HONORS in the Detachment 10, 8th Weather Squadron, Westover AFB, Mass., snowfall contest was A1C Neal Shapleigh, a weather observer who predicted one inch of snow would fall on December 1, 1969. On hand to congratulate the young prognosticator is Maj. Frank Wencel, Det. 10, commander.



THUNDERSTORM RAINFALL is measured by SSgt. Larry A. Felton, an observer with Detachment 32, 5th Weather Squadron, Long Binh Airfield, Republic of Vietnam. Two inches from evening thunderstorm activity is not uncommon in Vietnam.

Hurricane season concluded, 13 storms tracked by 53rd

Hq. AWS—The passing of Hurricane Martha signaled the end of perhaps the most demanding storm season in the history of the Air Force's Hurricane Hunters—the 53rd Weather Reconnaissance Squadron, Ramey AFB, Puerto Rico.

This was the season that brought Camille, one of the most devastating and powerful hurricanes ever to strike the U.S. mainland. Battering the Gulf coastlines of four states, and producing torrential rains in Virginia, Camille left over 300 persons dead and hundreds more injured. Thousands were left homeless.

The damage could have been much greater, were it not for aircrews from the 53rd. They flew three missions into the jaws of Camille and, in her eye, measured the lowest barometric pressure ever recorded in the Gulf of Mexico. The meteorologists obtained measurements to accurately determine the 200 miles-per-hour fury of Camille's winds.

For their roles in tracking the powerful storm, two 53rd WRS crewmembers received the Distinguished Flying Cross and 13 were awarded the Air Medal.

Camille was one of 13 named storms in 1969. Ten of these reached hurricane intensity (73 mph winds). One, Hurricane Inga, was one of the longest lived and most erratic hurricanes in the squadron's history. Eighteen reconnaissance missions were flown on the storm over a period of 21 days, tracking it across a vast ocean area.

In all, the 53rd flew 25 investigative and 79 tropical storm and hurricane reconnaissance missions, totaling almost 1,000 flying hours.

Additionally, 143 sorties were flown from May through July in Project BOMEX (Barbados Oceanographic and Meteorological Experiment), a joint meteorological project of the US and Barbados governments. Also, 21 missions were flown in support of Project Stormfury, an Environmental Service Services Administration program for seeding hurricanes.

Aid Society goal exceeded by unit

CASTLE AFB, Calif.—No doubt you've heard of the Air Force Aid Society (AFAS). Detachment 1, 9th Weather Squadron has certainly heard of the organization. Last month at Castle when the final totals were calculated, Det. 1 had contributed 664 percent of their goal to, needless to say, lead the base.

Just a year ago the detachment was top contributor with a 158 percent effort.

Doctor Fletcher named Losey winner

Wxman takes second in TAC photo contest



PRESENTING THE CITATION which accompanied the 1968 Robert M. Losey Award to this year's recipient, Dr. Robert D. Fletcher, DCS/Aerospace Sciences, Hq. AWS, is Dr. Floyd L. Thompson, president of the American Institute of Aeronautics and Astronautics. Doctor Fletcher received the Losey Award for outstanding and dedicated leadership and service during the past 30 years to aeronautical meteorology, both as scientist and administrator. A \$500 honorarium accompanied the award.

Automatic weather switch set for Carswell opening

Records fall to 55th's "Old Man"



GETTING HIS JUST REWARD for completing more than 10,000 hours weather reconnaissance flying is Col. Hiram P. Bilyeu, commander, 55th Weather Reconnaissance Squadron, McClellan AFB, Calif. The young lady is Ann Marie Bilyeu, 14, the colonel's daughter.

AWS develops 39 identifiers for officers, airmen

Hurricane Hunters assume winter storm track mission

Commanders Awards winners announced

BOMEX over, AWS supported project by land, sea, air

Solar forecasters locate flare, aid Apollo 10 communications

Cold crystal terminated; fog seeding a big success

Apollo 12 draws support from all eight AWS wings

2nd Weather Wing NCO selected MAC airman of the year



Gen. Pierce selected for second star

Weather unit cited for 50 years service

WB-47 reconnaissance era concluded; jets sent to museums and graveyard



AS THE LAST WB-47 roars down the McClellan AFB, Calif. runway, cameramen from an area television network film the aircraft's landing at the Northern California base. This aircraft was later flown to Seattle, Wash., where it was turned over to the Pacific Northwest Aviation Historical Foundation for use as a historical museum display.

1st and 6th Wings awarded AFOUA

Hurricane Hunters awarded DFCs, Air Medals for Camille penetrations



"I'M CONVINCED that hurricane hunting is a highly demanding business requiring great expertise under hazardous conditions," said Gen. Jack J. Catton, commander, Military Air-lift Command, during award ceremonies at Scott AFB, Ill., General Catton, who was accompanied

by Maj. Gen. Russell K. Pierce Jr., AWS commander, presented two Distinguished Flying Crosses and 14 Air Medals to members of two aircrews assigned to the 53rd Weather Reconnaissance Squadron, Kamey AFB, Puerto Rico for their penetrations of Hurricane Camille.

Weathermen Help Falcon '69



MAKING MINOR ADJUSTMENTS to the projector of the Rotating Beam Cellometer (cloud measurer) at U Tapao AB, Thailand, are Sergeants Raymond J. Metzger (left) and Robert W. Stalker, both members of Detachment 30, 10th Weather Squadron. Landing in the background is a war-painted B-52 Stratofortress.



A KEY WEATHERMAN for Department of Defense Apollo recovery support is Lt. Col. Robert H. Dowd (right), Detachment 11, 6th Weather Wing, Patrick AFB, Fla. As Assistant for Meteorology to Maj. Gen. David M. Jones,

DOD Manager for Manned Spaceflight, Colonel Dowd was on duty at the Manned Spacecraft Center, Houston, throughout the historic flight of Apollo 11.

AWS colonel makes TV debut during Apollo 11 moon shot

AFGWC named unit; 2nd Sq. inactivated

Weather observer's mom is Air Force Mother of Year

Gardner to assist in airman affairs



CMSgt. Gardner



TSgt. Williamson

Forecaster volunteers competing for possible openings in 20 overseas areas

Hq. AWS—January's oversea volunteer list is devoted to weather forecasters, AFSC 253XX. The top two volunteers in each NCO grade are listed according to their country of preference.

As mentioned in previous issues, publication of an individual's name is not a guarantee that he will be assigned to his overseas choice.

Another factor to keep in mind is that any list of volunteers changes constantly. What "went to press" as an up-to-dating could be outdated by the time it reaches the field.

Next month's Observer will highlight the weather observer career field.

253XX

Denmark

SSgt. Creighton L. Bryant

Italy

SMSgt. Emidio J. Mazzella
SMSgt. Robert W. Manning
MSgt. Lloyd L. Argabright
TSgt. Egbert L. McFadrigue
TSgt. Louis A. Bienvenue
SSgt. Ronald F. Prezio
SSgt. Stephen R. Hardt

Alaska

MSgt. Jerome A. Schmitz
MSgt. Freeman W. Stickney Jr.
SSgt. Albert D. Davis
SSgt. Donald E. Powell Jr.

Bermuda

MSgt. Lloyd L. Argabright
TSgt. John R. Fix

Japan

CMSgt. Martin W. Dwyer
CMSgt. Robert E. Miller
MSgt. Joseph H. Frazier
TSgt. Steven D. Zapf
TSgt. Donald P. Pettit
SSgt. Eugene J. Gritton
SSgt. Bruce S. Campbell

United Kingdom

CMSgt. Paul M. Gregar
CMSgt. Martin W. Dwyer
SMSgt. Arthur A. Hanson Jr.
SMSgt. Joseph H. Black
MSgt. Donald L. Gallman
MSgt. Harold C. Hoffman Jr.
TSgt. Francis G. McCool
TSgt. Joe T. Speaks
SSgt. Clifford E. Seals
SSgt. Ronald F. Prezio

Hawaii

CMSgt. Robert E. Miller
SMSgt. Clive E. Buchan Jr.
SMSgt. William E. Combs
MSgt. Jerome A. Schmitz
MSgt. Charles B. Lambert
SSgt. Clifford E. Seals
SSgt. Eugene J. Gritton

Spain

CMSgt. Peter K. Jesion
SMSgt. Anthony R. Platzer
SMSgt. Robert W. Manning
MSgt. Max A. Casias
MSgt. Jack Soman
TSgt. Bruce C. Brattol
TSgt. Harvey D. McInnis
SSgt. Larry D. Beaver
SSgt. David A. Murphy

Netherlands

TSgt. Egbert L. McFadrigue
TSgt. Arthur L. Gattrell
SSgt. Stephen C. Doane

Azores

MSgt. Charles W. Simons
TSgt. John T. Pacek Jr.

Greece

SMSgt. Joseph H. Black
TSgt. Arthur L. Gattrell
TSgt. Donald K. Schockmel
SSgt. Gary G. Elkins
SSgt. James Kilby

Guam

SSgt. Albert D. Davis

Iran

TSgt. Donald K. Schockmel

Thailand

SSgt. Tapp Kowalzyk

Taiwan

MSgt. Kenneth M. Lawrence
TSgt. Steven D. Zapf

East Germany

TSgt. Charles D. Roberts
TSgt. Marvin F. Patton

Australia

TSgt. Cecil C. Hamer Jr.

Puerto Rico

SMSgt. Dennis H. Van Houdt
MSgt. Charles L. Brenton Jr.

Panama

MSgt. Kenneth M. Lawrence

Germany

CMSgt. Peter K. Jesion
CMSgt. Paul M. Gregar
SMSgt. Anthony R. Platzer
SMSgt. Arthur A. Hanson Jr.
MSgt. Max A. Casias
MSgt. Jack Soman
TSgt. Harvey D. McInnis
TSgt. Louis A. Bienvenue
SSgt. Charles H. Crowder
SSgt. Stephen R. Hardt



SELECTED AS Air Weather Service's Organizational Maintenance Airman of the Year, A1C Charles B. Wheelock is an airborne meteorological repairman with the 56th Weather Reconnaissance Squadron, Yokota AB, Japan. In an accompanying letter, Brig. Gen. Arthur W. Cruikshank, deputy chief of staff, Materiel, Military Airlift Command, said, "This annual award recognizes outstanding performance, superior leadership, management and personal achievement. The selection of Airman Wheelock from among all eligible nominees truly indicates the superior qualities and traits he possesses and applies in the performance of his duties."

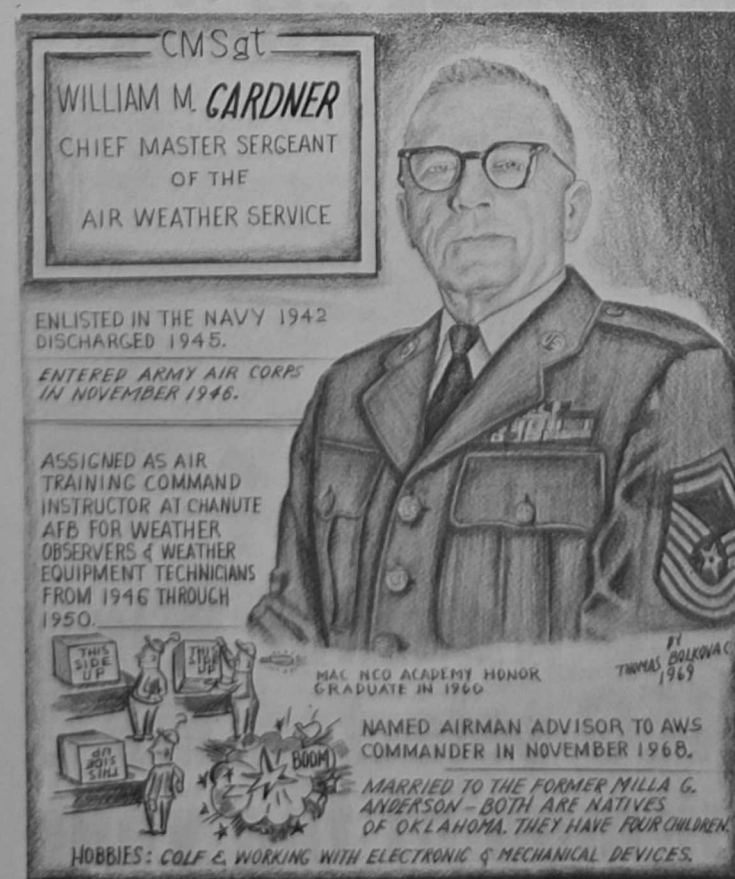
Weatherman providing support to TAC, for food delivery to Chad

LANGLEY AFB, Va. — Capt. Wayne Wheeler, Detachment 75, 5th Weather Wing, Eglin AFB, Fla., is in the African nation of Chad providing weather support to Tactical Air Command C-130s which are carrying food and supplies to that famine-stricken country.

Captain Wheeler is working with the Chad weathermen providing a round-the-clock operation.

In 1966 Maj. Charles S. Smith, Det. 75 commander, provided weather readings to a similar Chad operation.

CMSgt of Air Weather Service



GAIL SUGGS, daughter of Col. and Mrs. Ralph G. Suggs has won her wings and is now serving as a stewardess with Frontier Airlines. She is based in Denver, Colo. Miss Suggs attended the University of Hawaii and graduated from Patricia Stevens College in St. Louis, Mo., with a degree in fashion design. Colonel Suggs is vicecommander of the Air Weather Service.

Academy grad honor award won by Hurricane Hunter

NORTON AFB, Calif. — TSgt. Ronald T. Anderson, a flight engineer with the 53rd Weather Reconnaissance Squadron, Ramey AFB, P. R., was selected honor graduate of the 109th class to graduate from the Military Airlift Command Noncommissioned Officers' Academy. Technical Sergeants Ramon C. Batts Jr., Howard AFB, C.Z., Alfred W. Griffith, Dyess AFB, Tex. and Thomas E. Rollo, Wiesbaden AB, Germany, were other weathermen who graduated in the top ten percent of their class. Brig. Gen. Ray M. Cole, 22nd

Air Force vice commander, was guest speaker at the graduation banquet.

The 130 graduates in the class bring the total number of academy alumni to 13,243.

Other weathermen graduating were: CMSgt. Edward T. Howard Sr., Master Sergeants Evan H. Davis, Virgil M. Lee, Charles C. Nichols and Rudy A. Villarreal, Technical Sergeants Leo R. Hinkley, Edmund J. Loucks, Richard H. Mathews, Joe T. Speaks, Carl L. Tibbens, Thomas N. Walker and Paul K. Yeoman.

SEA units getting 27 of 70 airmen set for March overseas assignments

Hq. AWS — Air Weather Service personnel officials have selected 70 enlisted men for March 1970 overseas assignments.

Of those selected, 19 are headed for Vietnam while eight will report to Thailand.

Individuals are listed by career field.

GRADE	NAME	COUNTRY
MSgt.	I. D. Kilpatrick III	United Kingdom
MSgt.	John I. Lohay	Vietnam
TSgt.	Kenneth J. Bates Sr.	Germany
SSgt.	John B. Gordon Jr.	Vietnam
SSgt.	John E. Steffen	Vietnam
Sgt.	Herbert Amaker	Lybia
Sgt.	Kenneth Barker	Greenland
Sgt.	Clyde S. Bartlett	Alaska
Sgt.	Robert W. Burwell Jr.	Alaska
Sgt.	Edward E. Carey	Vietnam
Sgt.	Thomas J. Chagris	Alaska
Sgt.	Don T. Chapman	Korea
Sgt.	Lawrence R. Hayward	Alaska

Sgt.	Paul R. Houle	Philippines
Sgt.	Steve P. Hutnik	Alaska
Sgt.	Alton J. Keel Jr.	Germany
Sgt.	Joseph P. Leahy	Guam
Sgt.	Ronald T. Michail	Greenland
Sgt.	Byard W. Mosher IV	Alaska
Sgt.	Louis C. Mottet	Alaska
Sgt.	Jerald R. Olesen	United Kingdom
Sgt.	Scott P. Sampson	Alaska
Sgt.	Zdzisla Sokolowski	Okinawa
Sgt.	Thomas J. Stansbury	Vietnam
Sgt.	Salvatore Tortora	Hawaii
Sgt.	Bruce D. Wakeham	Vietnam
Sgt.	James D. Walker	Korea
Sgt.	Russell E. Wilson II	Alaska
A1C	Gerald E. Anthony	Alaska
A1C	John W. Doucette	Germany
A1C	Goffrey T. Dunbar	Germany
A1C	Kent N. Gaurdin	Germany
A1C	Russell L. Graham	Thailand
A1C	Leon T. Harie	Thailand
A1C	Glenn R. Hall	Vietnam
A1C	Robert P. Kingsley	Germany
AC	Patrick W. Laverne	Taiwan
A1C	Roger W. Seamans	Thailand
A1C	Thomas D. Young	United Kingdom
CMSgt.	Lewis B. Atkins	Germany
SMSgt.	Stanley Levin	Vietnam

SMSgt.	William T. McConnell	United Kingdom
TSgt.	Milton E. Poth	United Kingdom
TSgt.	Robert F. Schwalm	Vietnam
TSgt.	Wesley D. Shales	Vietnam
SSgt.	Francis J. Adamczyk	Iran
SSgt.	Charles E. Arnold	Thailand
SSgt.	Russell C. Barnes	Thailand
SSgt.	Charles F. Brodt	Thailand
SSgt.	Douglas D. Callahan	Vietnam
SSgt.	Robert J. Gaedl	Thailand
SSgt.	John E. Moss	Vietnam
SSgt.	Marvin R. Schauer	Vietnam
SSgt.	David L. Turner	Vietnam
SSgt.	Elbe J. Vandenberg	Vietnam
SSgt.	Alexander Zehnder Jr.	Germany
Sgt.	James F. Camp	Germany
Sgt.	Michael A. Crowe	Germany
Sgt.	Larry D. Flohaug	Vietnam
Sgt.	Martin V. Heidal	Alaska
Sgt.	Timothy J. Lowe	Vietnam
Sgt.	Harold K. Luce	United Kingdom
Sgt.	Thomas J. Miller	Alaska
Sgt.	Douglas L. Patron	Taiwan
Sgt.	Lynn L. Purcell	United Kingdom
Sgt.	Arthur Reyes Jr.	Greenland
Sgt.	John W. Therrell Jr.	Thailand
Sgt.	Daniel J. Werner	United Kingdom
Sgt.	Joseph C. Wray III	Vietnam

Awards and decorations

Distinguished Flying Cross

Lt. Col. Joseph W. Bell, III Corps.
Maj. Howard Gage, 41st Tactical Electronic Warfare Squadron.

Bronze Star

Col. Thomas A. Aldrich, Hq. MAC.
Col. Charles O. Jenista Jr., 9th WS.
Col. Robert L. Kane, 7th WW.
Lt. Col. William D. Brackmeyer, 6th WW.
Maj. Robert S. Slater, 57th WRS.
Capt. Jerome B. Dague, Det. 14, 1st WG.
Capt. Martin P. Weiss, 1st WG.
CMSgt. Eugene R. Sanchez.
SMSgt. James A. Polston, Det. 7, Hq. AWS.
TSgt. Jack Gorski, Det. 11, 12th WS.
TSgt. Dallas R. Willis, 5th WS.
SSgt. James B. Freeman, Det. 14, 31st WS.

Air Medals

SMSgt. Dolphus M. Crowe, 54th WRS.
TSgt. Charles R. Palmer, 54th WRS.
TSgt. John W. Kosick, 54th WRS.

Air Force

Commendation Medals

Lt. Col. Stanley M. Boyd, 55th WRS.
Lt. Col. Jesse L. Hendricks, (First Oak Leaf Cluster), Hq. AWS.
Lt. Col. Foster A. Post, (First Oak Leaf Cluster), 9th WRW.
Lt. Col. John S. Rigden Jr., Det. 18, 20th WS.
Maj. Donald C. Hansen, Hq. AWS.
Maj. James B. McCravy, 53rd WRS.
Maj. Robert A. Neff, ETAC.
Maj. Tam O. Olafson, (Third Oak Leaf Cluster), 55th WRS.

Births

SPILLINGER, Maj. and Mrs.
Gordon, a son, John Gordon, at Great Lakes Naval Hospital. Father is staff weather officer at 5th U.S. Army, Ft. Sheridan, Ill.

SITTNER, Capt. and Mrs.
Donald R., a daughter, Vicki Lynn. Father assigned to Detachment 14, 7th Weather Squadron, Germany.

TUBBS, Capt. and Mrs.
Ronald W., a son, Brian Leland. Father assigned to Detachment 21, 31st Weather Squadron, Germany.

HORNER, 1st Lt. and Mrs.
Robert T., a son, Robert T. III. Father assigned to Detachment 40, 7th Weather Wing, Wright-Patterson AFB, Ohio.

BRYANT, SSgt. and Mrs.
William H., a son, William Howard McKinley, at Homestead AFB, Fla. Father assigned to Detachment 35, 3rd Weather Squadron, Homestead AFB.

FRENCH, SSgt. and Mrs.
Carl W., a son, Wesley Benjamin, at U.S. Air Force Academy Hospital, Colo. Father assigned to Detachment 6, 4th Weather Wing, Peterson Field, Colo.

FREY, Sgt. and Mrs. Jesse L., a son, Dirk Allen, at Scott AFB Hospital, Ill. Father assigned to Hq. AWS, Scott AFB.

GUSTAFSON, Sgt. and Mrs. John A., a son, Christopher John, at Homestead AFB, Fla. Father assigned to Detachment 35, 3rd Weather Squadron, Homestead AFB.

CELKA, Sgt. and Mrs. Janusz, a son, Michael Scott. Father assigned to Detachment 5, 1st Weather Wing, Clark AB, P.I.

WRIGHT, Sgt. and Mrs. Jon C., a daughter, Jennifer Kathryn, at Austin, Tex. Father assigned to 25th Weather Squadron, Bergstrom AFB, Tex.

GRANT, A1C and Mrs. John R. II, a daughter, Sylvia, at RAF Lakenheath Hospital, England. Father assigned to Detachment 36, 28th Weather Squadron, RAF Alconbury, England.

TISHER, A1C and Mrs. William L. III, a son, William L. IV. Father assigned to Detachment 26, 26th Weather Squadron, Grissom AFB, Ind.

Maj. Paul J. Phillipson, 57th WRS.
Maj. Leonard N. Starr, Det. 10, 15th WS.
Maj. Billy G. Taylor, (First Oak Leaf Cluster), 53rd WRS.

Capt. Jack Aaron, 53rd WRS.
Capt. Philip Brown, AFGWC.
Capt. John C. Dirmeyer, Strategic Air Command weather support unit.

Capt. James J. Kennedy, 58th WRS.
Capt. Gary L. Kirby, 57th WRS.
Capt. Patrick J. Larkin, 53rd WRS.
Capt. Michael J. McClosky, 53rd WRS.
Capt. James J. Moore, Det. 20, 31st WS.
Capt. James L. Reifschneider, (First Oak Leaf Cluster), 57th WRS.

Capt. Allan C. Sawyer, (First Oak Leaf Cluster), 57th WRS.
Capt. Jack D. Shannon, 54th WRS.
Capt. Raleigh D. Stewart, 53rd WRS.
Capt. Willy Stoelke, 58th WRS.
Capt. Elden C. Taylor, 53rd WRS.
Capt. Robert E. Vangilder Jr., Det. 2, 30th WS.

Capt. Kenneth L. Wantloeben, Det. 14, 1st WG.

Capt. David D. Wilson, 9th WRW.
Capt. William B. Wright, 15th WS.
First Lieutenant Paul A. Chase, 4th WW.
CMSgt. Irvin N. Barnes, Hq. AWS.
CMSgt. Thomas M. McElmurry, (Second Oak Leaf Cluster), 8th WS.

SMSgt. Herbert H. Ferguson, Det. 7, 9th WS.
SMSgt. Charles R. Grove, 9th WS.
SMSgt. Dorothy W. Holmes, 4th WW.
SMSgt. Joseph A. Jarnecic, (Second Oak Leaf Cluster), 3rd WW.
SMSgt. Clarence J. Morin, (First Oak Leaf Cluster), 55th WRS.

SMSgt. John R. Tasetano Jr., Det. 6, 29th WS.
SMSgt. Gilbert L. Young, (First Oak Leaf Cluster), 1st WW.

MSgt. A. J. Book, Det. 18, 30th WS.
MSgt. Charles F. Case, OL-1, 5th WS.
MSgt. Ross A. Cowan, 56th WRS.
MSgt. Alexander M. Hellman, Det. 14, 31st WS.

MSgt. George S. Hirakawa, (Second Oak Leaf Cluster), 1st WW.
MSgt. Charles R. McGill, Hq. AWS.
MSgt. Rafael A. Pineiro, (First Oak Leaf Cluster), 53rd WRS.

MSgt. Kenneth L. Schmoke, 2nd WW.
MSgt. Wanless J. Scott, Det. 5, 1st WW.
MSgt. William R. Sistrunk, (Third Oak Leaf Cluster), 1st WW.

MSgt. James R. Stone, Det. 22, 15th WS.
MSgt. Norman G. Van Hook, (Second Oak Leaf Cluster).

MSgt. Joseph F. Westphal, Hq. AWS.
MSgt. Norman G. Wiley, AFGWC.
MSgt. Charles G. Zidek, 54th WRS.

TSgt. Ronald W. Bray, (First Oak Leaf Cluster), Det. 14, 31st WS.
TSgt. Howard N. Clark, OL-2, 5th WS.

TSgt. Thomas R. Coats Jr., (First Oak Leaf Cluster), 58th WRS.

TSgt. Thomas D. Daisley, Det. 27, 12th WS.
TSgt. Robert W. Egan, (First Oak Leaf Cluster), Det. 6, 6th WW.

TSgt. Ronald D. Kingery, Det. 35, 25th WS.
TSgt. Clyde N. Lint, Det. 11, 5th WS.
TSgt. Robert H. Lovelady, Det. 24, 1st WW.
TSgt. Gordon D. Rowland, 28th WS.
TSgt. Howard H. Schmidt, Det. 6, Hq. AWS.
TSgt. Milton G. Sisk, OL-3, 5th WS.

TSgt. Richard L. Trayer, (First Oak Leaf Cluster), Det. 4, 1st WW.

TSgt. William S. Watts, 57th WRS.
SSgt. Bruce R. Bailey, 53rd WRS.
SSgt. Edward G. Boehne, Det. 5, 30th WS.

SSgt. Donald J. Buck, (First Oak Leaf Cluster), 53rd WRS.

SSgt. Donald L. Cunningham, 57th WRS.
SSgt. James W. Evans, (First Oak Leaf Cluster), 4th WW.

SSgt. John F. Frutiger, OL-7, 57th WS.
SSgt. Thomas D. Higgins, 6th WS (Mobile).

SSgt. Melvin L. Haver, 55th WRS.
SSgt. James N. Howard, OL-6, 5th WS.
SSgt. Lorin D. Jenkins, 55th WRS.

SSgt. Norman H. Keene, Det. 24, 1st WW.
SSgt. Rufus G. Lane, 58th WRS.

SSgt. Leslie Lobdell, Det. 31, 5th WS.
SSgt. Charles R. Martin, 834th Air Division.

SSgt. Charles E. Matthews, OL-2, 5th WS.
SSgt. Howard R. McElrath, Det. 31, 6th WW.

SSgt. Serapio Munoz, 4th WW.
SSgt. Michael D. Roach, 5th WW.

SSgt. David A. Rosser, OL-1, Det. 7, Hq. AWS.

SSgt. Wilbert F. Sharp, Det. 32, 5th WS.
SSgt. Larry D. Taylor, 53rd WRS.

SSgt. Jimmie Thomerson, OL-1, 10th WS.
SSgt. Douglas A. Wilson, OL-2, 5th WS.

SSgt. Charles A. Zirkle, Det. 6, 29th WS.
Sgt. Kenneth G. Bennekamper, OL-7, 5th WS.

Sgt. Larry D. Bibb, Det. 32, 5th WS.
Sgt. Thomas S. Brock, Det. 24, 1st WW.

Sgt. James E. Brown Jr., 57th WRS.
Sgt. Dennis L. Budd, Det. 34, 1st WG.

Sgt. Gregory W. Calkins, Det. 31, 5th WS.
Sgt. Edmund T. Calvert, Det. 10, 5th WS.

Sgt. Frederick W. S. Crocker, 55th WRS.
Sgt. David N. Erwin, Det. 40, 28th WS.

Sgt. Stephen D. Graves, OL-6, 5th WS.
Sgt. Sargeant J. Green, OL-6, 5th WS.

Sgt. Steven E. Jackson, Det. 31, 5th WS.
Sgt. Gary L. Johnson, 1st WG.

Sgt. Craig S. Lovstad, OL-3, 5th WS.
Sgt. Oscar E. Lugo, 53rd WRS.

Sgt. Ronald J. Maharas, Det. 36, 7th WW.
Sgt. James T. McFarland, Det. 9, 30th WS.

Sgt. Jack A. Merriman, OL-6, 5th WS.
Sgt. Lyle J. Miller, OL-7, 5th WS.

Sgt. Robert L. R. Patterson, 9th WS.
Sgt. Ernest Rogers, OL-7, 5th WS.

Sgt. James D. Smith, OL-4, 5th WS.
Sgt. Ronald T. Sparks, OL-1, 5th WS.

Sgt. Joseph D. Staiti, OL-1, 5th WS.
Sgt. James D. Tabor, OL-6, 5th WS.

Sgt. Lewis H. Taylor, Det. 9, 30th WS.
Sgt. Donald R. White, Det. 9, 30th WS.

Sgt. Chester L. Woody, Det. 9, 30th WS.
Sgt. Harvey Yates, Det. 24, 1st WW.

Sgt. Phillip D. Youngman, OL-3, 5th WS.
Sgt. Dennis Zembower, OL-1, 5th WS.

A1C Donald R. Lewis, Det. 32, 5th WS.

ON THE skew-T AWS Global Report

Highlights of Air Weather Service people at work and play

Fuchu AS, Japan

Maj. Takeo Maruyama and Sgt. David A. Fulcher, Detachment 1, 20th Weather Squadron, have been awarded MAC Silver PRIDE Awards.

Sgt. Nicky F. Scott, Det. 1, 20th WS, was recently presented a check for \$130 for a suggestion which resulted in a savings of \$1,589.

SSgt. Elmer C. Weir, Det. 17, 20th WS and Mrs. Betty Kretlow, wife of Capt. Thomas E. Kretlow, Det. 17, were named to the Dean's List of the University of Maryland, Far East Division, for term four of the 1968-69 academic year.

First Lieutenant Joseph L. Schufman Jr., Det. 1, 20th WS, has been awarded a MAC Bronze PRIDE Award.

Ft. Lewis, Wash.

MSgt. Harold C. Hoffman Jr., 16th Weather Squadron, was recently awarded a certificate of appreciation from the dependent youth activity of Ft. Lewis. Sergeant Hoffman was cited for providing news coverage for the Junior Football League games.

Ft. Monroe, Va.

Staff Sergeants James R. Raudy and William R. Schaub Jr., Detachment 9, 16th Weather Squadron, have been selected for the fiscal year 1971 Airman Education and Commissioning Program.

Both men will enter the University of Utah for undergraduate training in meteorology.

Hahn AB, Germany

Donald J. Bahr, son of Capt. and Mrs. Donald P. Bahr, Detachment 14, 31st Weather Squadron, and Cheryl Propps, daughter of SSgt. and Mrs. Elvin L. Propps, Det. 14, have been named "Most Popular" in their seventh grade class at Hahn AB school.

Wright-Patterson AFB, Ohio

Sgt. Richard G. McKinstry, Detachment 40, 7th Weather Wing, was recently selected as base NCO of the Quarter for the third quarter of 1969.

Mountain Home AFB, Idaho

Sgt. James D. Veit, Detachment 36, 25th Weather Squadron, has been named detachment PRIDE Man of the Quarter for the fourth quarter of 1969.

Barksdale AFB, La.

Lt. Col. Ben F. Hicks, 26th Weather Squadron, recently administered the oath of enlistment to his son Ben F. Hicks II. Airman Hicks is presently assigned to Lackland AFB, Tex. for basic military training.

Grissom AFB, Ind.

Capt. Bert L. Nelson, Detachment 26, 26th Weather Squadron was recently presented a MAC Bronze PRIDE Award.

Ramey AFB, P. R.

Second Lieutenant Darryl B. Dargitz, Detachment 15, 8th Weather Squadron, has been named Honor Graduate of the Air Force's Scope Interpretation and Radar Operation course.

Marriages

Patricia A. Stoeber, secretary to Col. Guy N. Gosewich, Director of Special Projects, Hq. AWS, recently exchanged wedding vows with Roger D. Ficken at Maplewood Park Baptist Church in Cahokia, Ill.

A secretary with AWS for 10 years, Pat has been with the Special Projects Division for the past three years.

Ficken is a chemist at Monsanto in Sauget, Ill. near East St. Louis. The couple reside at 417 Mitchell Lane, Belleville, Ill.

TRAVIS AFB, Calif.—In a candlelight ceremony at Travis AFB, Majors Valoris M. Olson and Gerard C. Shinn exchanged wedding vows.

The former Major Olson is chief forecaster at Detachment 23, 15th Weather Squadron, Travis AFB, while Major Shinn is assigned to the Inspector General office, Hq. European Command (EURCOM), Wiesbaden AB, Germany.

NORTON AFB, Calif.—Robbie Ann Kerr, daughter of Col. and Mrs. Robert A. Kerr, formerly of the 9th Weather Reconnaissance Wing was recently married to Kevin C. Dobbs.

Wing flying safety officers gather at McClellan for safety conference

McCLELLAN AFB, Calif.—Col. Thomas A. Aldrich, 9th Weather Reconnaissance Wing commander, called on wing safety officers to formulate the best accident prevention program in the Air Force at the opening of the wing's first annual safety conference.

Sixteen chiefs of safety and ground safety officers from each of the 9th's subordinate units

attended the conference hosted by the wing safety office.

Colonel Aldrich introduced the conference guest speaker, Col. Kenneth B. Clark, Director of Safety, Military Airlift Command (MAC), to the conferees. Colonel Clark outlined MAC's safety philosophy and criteria for selecting safety officers.

Lt. Col. Henry K. Good, Director of Safety, AWS, and Maj.

Michael A. McLean, chief, flying safety division, AWS, also attended the conference.

Objectives of the conference were to exchange ideas and foster contact among safety officers in the wing, standardize safety procedures throughout the wing and reinforce the 9th WRW safety survey and staff assistance program.



COL. KENNETH B. CLARK, Director of Safety, Military Airlift Command (MAC), briefs 9th Weather Reconnaissance Wing unit safety officers on MAC safety philosophy at the wing's safety conference last month. Conferees from left to right are: Maj. Richard T. Brun, 54th Weather

Reconnaissance Squadron (WRS); Capt. Arthur B. Sommers, 53rd WRS; Col. Clark; Capt. Scott G. Stoddard, 56th WRS; Maj. Jack E. White Jr., 58th WRS; Capt. James Reifschneider, Det. 1, 9th WRW and Maj. Asa Evans, Det. 5, 9th WRW.

SPORTS

FRONT



By SGT. JESSE L. FREY

Gridiron title goes to weathermen

Members of the 31st Weather Squadron and Detachments 2 and 21 of the 31st WS, combined with the 7420th Radar Squadron to form their first weather intramural football team at Ramstein AB, Germany.

Their efforts were not in vain as they fought to a 9-2 regular season record and a victory in a rain soaked sudden death overtime for the base championship.

A protest was lodged accusing the weather contingent of causing the inclement conditions, but game officials ignored it.

Kindley sportsmen roll on

Detachment 18, 15th Weather Squadron, Kindley AFB, Bermuda continued their domination of Kindley sports as they won the Intramural Football League with an 8-0 record.

This was their second consecutive undefeated season as they featured an iron clad defense which yielded just 25 points to their opposition all season while scoring 115.

Team members were Matt Masterman (coach), Dave Hawk, Bob Cummings, Larry Grimes, Sam Sammons, Steve McDuffee, Mike Helvey, Tim Milnes, Ron Gentzler, Bob Kind, Steve Meyer, Ed Plander, Jim Valigura, Max Bashlor, Art Tassoni, Chuck Swihart and Rick Emery.

Heavyweights faring well

Members of the 20th Weather Squadron, Fuchu AS, Japan, basketball team have been accused of being in the wrong sport. But, when you have a basketball team that averages near 200 pounds per man, what can you expect?

Nevertheless, the Fuchu heavies are currently holding down second place in league competition. Evidently the only persons concerned with the weight problems are the opponents.

Playing coach MSgt. Gerald Daugherty attributes his team's success to their defensive efforts as they've allowed opponents just 40 points per contest.

ETAC bowlers set pace

The environmental Technical Applications Center (ETAC), Washington, D. C., bowling team set the pace for the Bolling AFB American League as they rolled through a four game sweep of the Security Police.

The ETAC keggers now hold a five-and-one-half game advantage over their closest rival.

MSgt. Roger Geordt is leading the ETACers with a 593 series which included games of 203, 193 and 197.

Weathermen get Safety awards

Hq. AWS—For their outstanding efforts in the command's ground safety program, 1st Lt. John P. Randle, Detachment 30, 6th Weather Wing and TSgt. Leland B. Sanborn, Headquarters 2nd Weather Wing, were recently selected to receive Military Airlift Command Outstanding Individual Safety Awards.

Nominations citing the outstanding deeds of each of the award winners were submitted to the AWS Accident Prevention Council for approval.

Lieutenant Randle won his award for the accident prevention program he developed which resulted in an accident-free record during his first nine months as an additional duty ground safety officer.

Highlights of his program included over 89,000 accident-free miles of government motor vehicle operation, 100 percent seat belt installation and an accident-free private motor vehicle program in which 44 PMV team members participated.

Both men received letters of congratulations from Maj. Gen.

Russell K. Pierce Jr., AWS commander.

Sergeant Sanborn was cited for developing and revising local safety directives, establishing a headquarters safety briefing program, and instituting a monthly safety plan using the MAC "Mission Possible" theme.



So you didn't notice it snowing in the dark

Weather team undefeated on the hardwood

IRAKLION AS, Crete --For the first time since its activation in September 1964, Operating Location 1, Detachment 4, 21st Weather Squadron is not only participating in the base basketball program; it's winning!

With four games remaining on their schedule, the weathermen are undefeated with a 10-0 record and have averaged 68.2 points per game while allowing opponents 34.1 points per game. They also boast three of the top five scorers in the league in Don Pitcher with a 21.7 points per game average; Bill Cunningham, 18.8 a game and Marty Schmitzer, 12.5.

The airman force at OL-1 consists of 10 men. Of those 10, eight are members of the finely tuned basketball machine.

McClellan swimmers win Sacramento championship

MCCLELLAN AFB, Calif.—Nineteen children from seven AWS families are members of the McClellan Swim team which won the Sacramento area 1969 Capitol Swim League championship.

The 130 team members are children of 65 base military and civilian families. The swimmers are between ages four and 17.

McClellan's team belongs to the nationwide Amateur Athletic Union and sponsors swim meets each year. More than 2,000 swimmers from northern California and Nevada competed in the McClellan event.

Swimmers from AWS families are: Jeffrey Fuller, son of Maj. and Mrs. Jerry G. Fuller; Joe, John, Jim, Judy and Janis Ster, children of Maj. and Mrs. James F. Ster Jr.; Denise Purdum, daughter of Maj. and Mrs. Richard L. Purdum; Heidi and Kath-

Distinguished grads

Maxwell AFB, Ala. — Captains John W. Diercks, Technical Services Division, Aerospace Sciences Directorate, Hq. AWS and Richard C. Savage, Operating Location 6, Hq. AWS, have been selected as distinguished graduates at Air University's Squadron Officer School.



WEATHER'S UNBEATEN EIGHT are pictured above with their cheering section. The rooters from left to right are Don and Ken Kelso, Tim, Ned and Jay Davis, Billy Kelso and Marie Davis. Team members are (kneeling left to right) Bill Cunningham (coach) and Ted Davis. (Standing left to right) Don Keys, Don Pitcher, Curt Venz, Marty Schmitzer, John Koski and Bob Kelso.

Dover sergeant cited for TDY work in Brazil

DOVER AFB, Del. — TSgt. John T. Pacek, a weather forecaster with Detachment 5, 15th Weather Squadron, Dover AFB, recently received a letter of commendation from the Brazilian Air Force Chief of Staff, for his work in the Latin American nation, as a weather forecaster in support of the 1st Aerospace Cartographic and Geodetic Service's photomapping project in Brazil.

Sergeant Pacek, who never had a permanent duty assignment to Brazil, accumulated 18 months of duty in the foreign land through four temporary duty stints.

Reconman delivers holiday message to Anchorage Mayor

AGANA, Guam — Striped trousers and morning coat may be the traditional garb of the ambassador, but Maj. William C. Christian, 54th Weather Reconnaissance Squadron, Andersen AFB, Guam, has discovered that Air Force blues can suit "diplomatic" purposes just as well.

Major Christian assumed the role of Guam's unofficial ambassador to Alaska when he delivered Christmas greetings to Anchorage Mayor George M. Sullivan from the Hon. Carlos G. Camacho, governor of Guam. In his holiday message, Governor Camacho offered "best wishes for a joyous Christmas and a happy and prosperous New Year from the people of Guam to the people of Alaska." He also expressed the hope that Mayor Sullivan would "someday have the opportunity to spend Christmas visiting our sun-baked island in the Pacific."

Governor Camacho's letter was relayed to Anchorage by the 54th, through its commander Lt. Col. Carl E. Gunderson Jr. The squadron maintains a temporary duty contingent at Elmendorf AFB, Alaska,

throughout the winter to conduct fog dispersal operations in the area. Major Christian, a 54th flight examiner, is currently in charge of the operation.

Sportsman trophy won by detachment

FT. WOLTERS, Tex. — "It's not WEATHER you win or lose — it's how you play the game." A phrase nearly everyone has heard before. Detachment 20, 16th Weather Squadron followed such a saying this year as they won the Ft. Wolters Sportsman Trophy.

Det. 20 didn't win a title or championship all year—matter of fact, they won just three games while dropping six in the recently concluded flag football season. But, it wasn't their position in the standings that earned them recognition, it was their clean and competitive style of play.

Trophy winners were: Bob Blain, Ron Butler, Jack Sherwin, Paul Mooney, Russ Herndon, Doug Cain, Bob Smith, Dick Wannall, Steve Hilmer, Gary Whitsett, David Villa and Don Webb.