



THE 6TH DIMENSION

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Are your dues up to date? (Does not apply to Honorary Members) If your dues date is 7/2016 or older, then your membership has expired. Renew your membership today using enclosed Membership Renewal form and send in the \$10 fee per year to keep your association membership current.

This 6th Dimension Newsletter is published for the exclusive use of our 6WSAA members. Information is included as reported without vetting and is edited for space. If you discover an error or items that need a correction, please notify Gerry Guay Editor, Email: webmaster@6thweathermobile.org Members are encouraged to submit articles, information or stories that would be of interest to the general membership. Thank you.



Notes from 6th Weather Squadron History Files - January to December 1959

1959 found 6th Weather Squadron (Mobile) with Lt Col Bernard Pusin as Commander and Maj Francis Powell as Operations Officer. Manning charts showed the squadron was authorized 270 positions with only 186 assigned for 69% manned. Our mission was to provide worldwide temporary and semi-permanent meteorological services in support of special operations of the USAF and its elements, US Army and other agencies. Also we provided permanent met support services of monitoring service and upper air observation program of the worldwide operations of Air Weather Service and of an editing service.

Projects were many with at least 19 teams dispatched during 1959. Project Stratus at Castle AFB, CA continued with 1 team forecasting fog and stratus in the San Joaquin Valley and refined forecast of visibility in support of refueling operations in that area. Project Tornado Alley '59 conducted severe weather studies to increase accuracy for severe weather forecasts. This encompassed 7 teams spread across the South-central US at Dyess AFB TX, Ellington AFB TX, Fort Chaffee AR, Turner AFB GA, Memphis AFB TN, Marpha TX and Tinker AFB OK for Phase I, then 7 teams in North-central US at Goodland KS, Huron SD, Waterloo IA, Scott AFB IL, South Bend IN, Fort Chaffee AR, and Tinker AFB OK for Phase II. Also Project Tornado-Sferics '59 in its 6th year was to identify and locate location of severe thunderstorm phenomena. There were three sites for each of Phase 1: Dyess, Ellington and Fort Chaffee and Phase 2: Huron, Waterloo and Scott. Project Greenglow in Hanford WA were diffusion studies and consisted of one team. This was in support of diffusion experiments conducted by Atmospheric Circulation Lab in conjunction with Atomic Energy Commission's Hanford Operations Office. These were night experiments to determine the stability of the atmosphere to 7000 feet elevation. Project APCS was classified and two teams provided upper air obs for a mapping program. A team was dispatched to White Sands NM to expand the range weather obs. Tinker AFB maintained five teams A, B, C, D, and E. Two teams were sent to Holloman AFB in Alamogordo NM for pilot balloon observations. Finally, planning for one team to be sent to Detachment 1, 4th Weather Group at Wright Patterson AFB, OH in January '60 to temporarily augment surface weather observations was also done.



WINDER TIES BALLOON AT RELEASE SITE
Next Step Is to Attach Instrument Package



MAXWELL READS RADIO REPORTS ON CRASH
Changes in Atmospheric Conditions Are Logged Here

The Weather Editing Section of the USAF consolidated weather relay and monitor center assumed responsibility for the receive portion of the synoptic net in June '59. The Rawinsonde Verification Unit (RAVU) checked records for all USAF and Air Force contracted rawinsonde stations. They also conducted a performance comparison of different type of balloons by latitude for Air Weather Service. Although I was not there to observe this, it looks like the "Willing and Able" troops kept busy with their missions and many projects. If you would like to comment, correct or add to this, please e-mail me at webmaster@6thweathermobile.org and I will try to include them in the next newsletter. Thanks, *Gerry Quay*

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Changes: Please keep us informed of any e-mail or address changes by e-mailing us at:



webmaster@6thweathermobile.org or

USPS mail us 6WSAA c/o Buck Bucklin, 8 Sherwood Lane, East Hampton, NY 11937



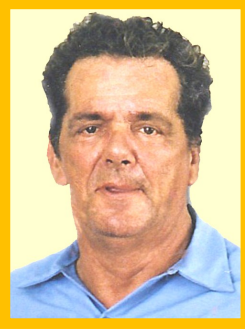
Final Launch



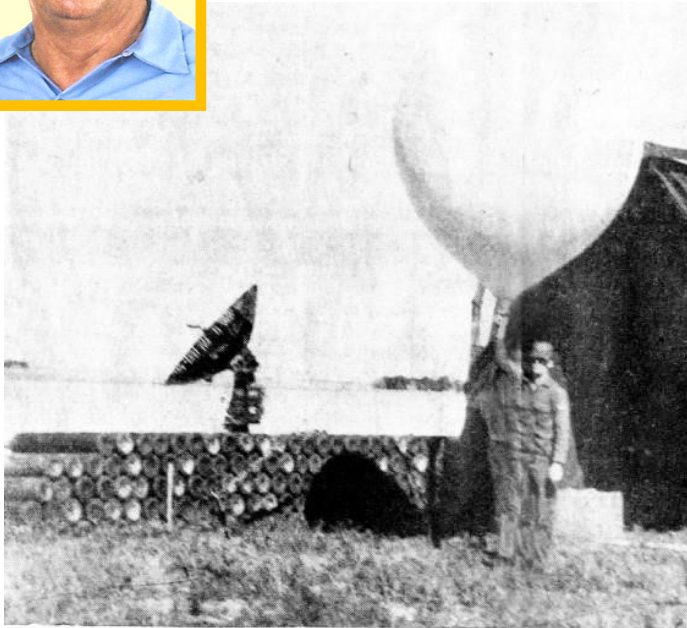
James "Jim" H. Adair - 1937 - 2016. James H. Adair, age 78 died Saturday July 30, 2016 in Rio Hondo, Texas. He served many years in 6th Weather Squadron (Mobile) at Tinker AFB, OK starting in 1958 supporting many projects and retired from the Air Force in 1978 taking a job with the Weather Bureau.



Elmo Reddick - January 31, 1935 - September 27, 2016. Elmo Eugene "Gene" Reddick, 81, of Midwest City, OK, passed away September 27, 2016. He was born in Denver, Colorado to Elmo and Grace Reddick. He served in 6th Weather Squadron (Mobile) from 1963 to 1970 at Tinker AFB, OK and was a member of 6WSAA. Gene is survived by his wife, Claire Reddick of the home; his children, Kathy, Kenny, Karen, Kristy, and Kevin Reddick; brother, Barry Reddick; and all his grandchildren. Gene was loved by many other family members and a host of friends.



Larry A. Bowling - April 5, 1944 - January 2010. Larry A. Bowling, 65 was born in Webb City, Missouri died January 2010. He served in 6th Weather Squadron (Mobile), Tinker AFB, OK as a Weather Observer/(Rawinsonde) from 1962 to 1965 and had a TDY at Eniwetok Atoll in '65.



TORNADO WATCH—A helium-filled weather balloon (left), which helps determine air conditions which could cause tornadoes or other severe weather, is about to be released at the Scottsbluff Airport by Airman Second Class James

McQueen, a member of an Air Force mobile weather team. As the balloon sails into the sky, Airman McQueen and Team Chief Master Sergeant Dow Sherry, direct an automatic tracking antenna (center) onto the trail of the balloon to

"We are grateful that we can gather together once again to renew friendships and make new ones, celebrate with those who are present, remember and miss those who are absent, and mourn those who are departed."