

The project to determine the shadow height on a NEXRAD Radar site is described in the Professional Surveyor Magazine, November/December 1997, Vol. 17, No. 8, pages 20-28. The article by Schurian/Hodges/Burkholder is called "3D Analysis – Siting a NEXRAD Weather Radar System."

## Blast from the Past

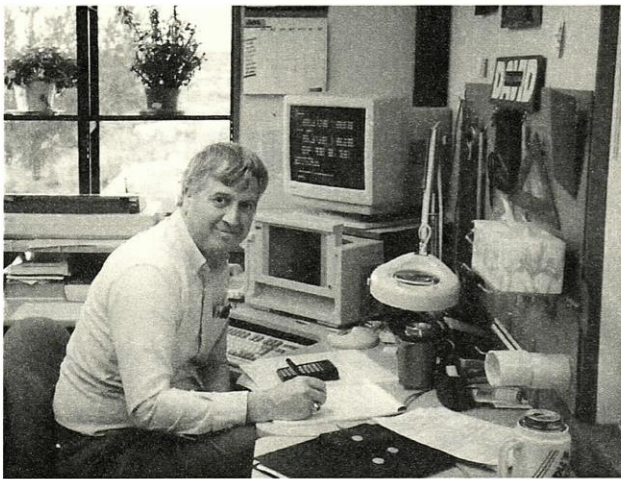


*David Schurian, a.k.a. Buzzard sent in these delightful old photos - "These pictures were taken in southern AZ while we were surveying for a new nexrad weather radar sight. The goal was to assure that the site chosen would not interfere with the telescopes on Mt. Graham. The group of guys*

*are*

Earl Burkholder, Geodesy; Marv Shogren, metrologist in charge, Tucson; Dave Schurian, Lead Surveyor, GPS; Dave Petre, WASC reality specialist; Rich Anderson, Western Region Transmission Engineer NWS; Duane Pond party engineer; and Fluor Daniel.

Three guys on the road - me, Ron Stoll and Earl Burkholder. My office in Tucson, Earl doing some serious calcs (he was subcontracted because he was the only person I knew smart enough to handle this stuff) refining our GPS measurements over 70 miles."



**Back Cover:** Picture of Bobby Lee Schurian, Dave Schurian's wife, and the antenna is for a Macrometer Interferometric Surveyor, 1000 Series. "The manual was dated 1983. This is JUST the antenna! It literally took a suburban to carry the equipment if you want someone with you. It could be stuffed into a bronco but no company! As I remember we were one of the first to do GPS in the west. We were setting aerial control for photographic mapping of the Siusla and Willamette National Forests for the Forest Service. The equipment was rented and they furnished the (lengthy) computations. Earl spent a day with me to see how it all worked. There was only about 2, two hour sessions a day and at that we had to drive like maniacs over the mountain roads."