

DATA-COLLECTION PROGRAM

The program to collect hydrologic data at White Sands Missile Range has been continuous since 1953. The original program consisted of water-level measurements in five wells in the Post Headquarters area. The hydrologic-data-collection program has expanded over the years to keep up with expansion of the White Sands Missile Range facilities. Currently, the program consists of depth-to-water measurements in 95 wells, chemical-quality analysis of water samples from 25 wells, and measurement of ground-water withdrawals from 17 wells in the Post Headquarters and Range areas (figs. 1-4).

Ground-Water Pumpage

Total ground-water pumpage* at White Sands Missile Range in 1985 was 676,433,800 gallons. The Hazardous Test Area Well (HTA-1), Small Missile Range well (SMR-1), Multifunction Array Radar wells (MAR-1 and MAR-2), and the Stallion Range Center wells (SRC-1 and SRC-2) produced five percent of the total pumpage, or about 34,377,800 gallons. The Post Headquarters well field produced 642,056,000 gallons. Yearly pumpage from the Post Headquarters well field and water levels in test well T-8 from 1971-85 are shown in figure 5. Total ground-water pumpage was 8,841,200 gallons less in 1985 than 1984.

*The pumpage figures used in this report are to be considered as preliminary figures and may be subject to revision.