

Water-Level Measurements in Supply Wells

Depth-to-water measurements were made in 10 wells in the Post Headquarters area and 6 wells in the Range areas (table 1). The greatest seasonal water-level fluctuation was 17.22 feet in supply well SW-22. The depth-to-water measurement of 50.02 feet in Hazardous Test Area well, HTA-3, is the initial water level reported for this well. Water-level measurements were not made in Post Headquarters supply well SW-15A because the air line is inoperative and the pumping equipment prohibits steel-tape measurements. Hydrographs of long-term water levels for ten supply wells in the Post Headquarters area are shown in figure 6. The 1985 water-levels in these wells showed seasonal fluctuations as well as long-term declines.

Table 1.--Depth to water in supply wells, Post Headquarters and Range areas, 1985

Well number	Location	March 1985 (feet below land surface)	September 1985 (feet below land surface)
SW-10A	22S.4E.24.212a	421.95	435.61
SW-11	22S.4E.24.112	¹ 353.00	(2)
SW-13	22S.4E.13.311	¹ 316.00	(2)
SW-16	22S.4E.13.432	¹ 437.00	(2)
SW-17	22S.4E.13.241	¹ 441.00	(2)
SW-18	22S.4E.12.434	428.26	443.46
SW-19	22S.4E.12.414	455.12	459.48
SW-20	22S.4E.12.214	515.38	519.40
SW-21	22S.5E.19.323	351.87	359.71
SW-22	22S.5E.19.141	371.72	388.94
HTA-1	21S.4E.23.233	65.80	62.10
HTA-3	21S.4E.14.114	(3)	50.02
MAR-1	19S.5E.17.331	(3)	215.54
MAR-2	19S.5E.17.334	(3)	223.18
SRC-1	6S.3E.05.232	(3)	214.30
SRC-2	6S.3E.05.234	(3)	208.50

- 1 Air-line reading
- 2 Air line inoperative
- 3 Pumping