Water-Level Measurements in Test Wells, Observation Wells, and Boreholes

Depth-to-water measurements were made in 42 test and observation wells, and 37 boreholes in 1985 (tables 2 and 3). Sixteen of the test and observation wells had seasonal water-level declines and 24 wells had seasonal rises. The greatest water-level decline was 8.83 feet in test well T-7. The greatest water-level rise near the Post Headquarters well field was 1.81 feet in test well T-6. Three of the four test wells (T-7, T-8, and T-10) equipped with continuous water-level recorders continued to have water-level declines in 1985. The water level in test well T-11, also equipped with a continuous recorder, continued to rise slightly in 1985 (fig. 7).

Twenty-two of the 37 boreholes measured had a seasonal water-level rise in 1985. Thirteen of the boreholes measured had a water-level decline, and one borehole (B-34) did not have any seasonal change (table 3). The greatest seasonal water-level rise was 1.55 feet in borehole B-20, which is about 2 miles west of the Post Headquarters well field. The greatest seasonal water-level decline was 1.44 feet in borehole B-10, which is about ½ mile east of Post Headquarters supply wells SW-21 and SW-22.

Table 2.--Depth to water in test and observation wells, Post Headquarters and Range areas, 1985

Well number	Location	March-April 1985 (feet below land surface)	August-September 1985 (feet below land surface)
T-4	22S.5E.16.111	226.83	226.45
T-5	22S.5E.20.111	277.28	276.89
T-6	22S.4E.14.133	192.47	190.66
T-7	22S.5E.07.342	360.34	369.17
T-8	22S.4E.11.224	580.80	582.51
T-9	22S.4E.01.431	373.54	372.93
T-10	22S.5E.05.313	273.98	274.46
T-11	22S.5E.29.412	271.54	271.43
T-13	21S.5E.32.222	213.45	213.61
T-14	22S.5E.15.221	132.40	131.51
T-15	22S.5E.33.244	179.37	179.11
T-16	23S.5E.10.413	183.99	182.11
T-17	23S.5E.27.142	242.33	242.26
T-18	23S.5E.05.321	238.04	237.84
OS-9	22S.5E.31.424	244.79	244.51