



TABLE 1 - Estimated recoverable ground water in storage, Tucson area
(Recoverable ground water, in acre-feet)

Subarea							
Number (see index map for location)	Square miles	Water in upper 100 feet of land and sediment	Water between land surface and 300 feet below land surface	Water between 300 and 700 feet below land surface	Water between 700 and 1,200 feet below land surface	Water between land surface and 1,200 feet below land surface	
1	20.2	140,000	0	460,000	500,000	960,000	
2	28.6	230,000	10,000	890,000	840,000	1,700,000	
3	26.6	210,000	0	210,000	870,000	1,100,000	
4	26.6	220,000	0	620,000	440,000	1,100,000	
5	28.6	220,000	50,000	800,000	590,000	1,400,000	
6	25.4	210,000	0	520,000	860,000	1,400,000	
7	23.9	220,000	50,000	500,000	70,000	620,000	
8	36.0	320,000	110,000	1,100,000	1,100,000	2,300,000	
9	32.4	280,000	0	560,000	1,100,000	1,700,000	
10	19.8	180,000	40,000	550,000	400,000	990,000	
11	37.5	360,000	90,000	1,100,000	1,200,000	2,400,000	
12	21.0	190,000	30,000	620,000	1,300,000	1,300,000	
13	17.1	160,000	0	410,000	180,000	590,000	
14	30.0	290,000	70,000	920,000	960,000	2,000,000	
15	24.8	220,000	30,000	630,000	470,000	1,100,000	
16	14.0	140,000	0	270,000	240,000	510,000	
17	30.0	290,000	0	790,000	960,000	1,800,000	
18	12.9	130,000	0	270,000	180,000	450,000	
19	24.5	230,000	0	610,000	630,000	1,200,000	
20	24.0	230,000	0	510,000	500,000	1,000,000	
21	19.2	180,000	220,000	560,000	370,000	1,200,000	
22	36.0	300,000	0	910,000	1,200,000	2,100,000	
23	19.1	140,000	0	280,000	470,000	750,000	
24	20.3	210,000	160,000	540,000	310,000	1,000,000	
25	35.7	340,000	170,000	790,000	1,100,000	2,100,000	
26	24.1	180,000	0	60,000	660,000	660,000	
27	20.3	210,000	0	310,000	550,000	860,000	
28	30.0	290,000	90,000	850,000	960,000	1,900,000	
29	15.0	150,000	0	120,000	400,000	520,000	
30	12.0	120,000	0	190,000	300,000	490,000	
31	28.5	270,000	20,000	760,000	910,000	1,700,000	
32	13.8	140,000	0	270,000	340,000	610,000	
33	12.0	120,000	0	100,000	330,000	430,000	
34	36.0	350,000	0	830,000	1,200,000	2,000,000	
35	15.6	160,000	0	280,000	330,000	610,000	
36	30.6	270,000	0	550,000	900,000	1,200,000	
37	21.6	210,000	10,000	600,000	510,000	1,100,000	
38	18.0	160,000	0	320,000	450,000	770,000	
39	20.6	180,000	0	470,000	500,000	970,000	
40	18.6	170,000	30,000	440,000	330,000	800,000	
41	18.7	150,000	240,000	60,000	0	300,000	
42	17.8	180,000	330,000	260,000	20,000	610,000	
43	37.9	370,000	20,000	350,000	160,000	530,000	
44	30.1	310,000	20,000	640,000	140,000	800,000	
45	23.6	220,000	240,000	310,000	0	550,000	
46	31.6	300,000	430,000	840,000	640,000	1,900,000	
47	33.9	280,000	120,000	890,000	930,000	1,900,000	
48	24.4	200,000	120,000	690,000	260,000	980,000	
49	20.8	160,000	230,000	320,000	200,000	740,000	
50	36.0	290,000	520,000	1,000,000	650,000	2,200,000	
51	29.0	240,000	490,000	800,000	80,000	1,100,000	
52	28.0	310,000	390,000	560,000	430,000	1,400,000	
53	30.0	190,000	170,000	690,000	680,000	1,500,000	
54	29.4	170,000	140,000	530,000	330,000	1,000,000	
55	34.4	380,000	670,000	550,000	180,000	1,400,000	
56	42.0	480,000	330,000	1,400,000	1,300,000	3,000,000	
57	31.2	250,000	80,000	780,000	810,000	1,700,000	
58	31.4	230,000	330,000	490,000	200,000	1,000,000	
59	36.6	300,000	430,000	1,100,000	1,200,000	2,700,000	
60	35.4	250,000	20,000	750,000	1,100,000	1,900,000	
61	18.1	140,000	0	230,000	540,000	770,000	
62	27.4	190,000	170,000	600,000	350,000	1,100,000	
63	42.8	410,000	280,000	1,300,000	1,400,000	3,000,000	
64	23.3	190,000	0	390,000	680,000	1,100,000	
65	35.3	270,000	270,000	980,000	690,000	1,900,000	
66	36.3	260,000	100,000	880,000	1,100,000	2,100,000	
67	39.1	380,000	550,000	490,000	0	1,000,000	
68	15.1	120,000	120,000	210,000	40,000	370,000	
69	40.9	340,000	390,000	1,200,000	1,100,000	2,700,000	
70	27.0	220,000	220,000	640,000	660,000	1,500,000	
71	30.9	250,000	380,000	830,000	700,000	1,900,000	
72	29.2	230,000	400,000	710,000	660,000	1,800,000	
73	29.9	160,000	150,000	470,000	170,000	790,000	
74	30.3	80,000	110,000	290,000	130,000	530,000	
75	25.4	210,000	310,000	0	50,000	410,000	
76	31.4	160,000	130,000	230,000	20,000	310,000	
77	20.9	200,000	360,000	420,000	120,000	900,000	
78	22.0	70,000	110,000	60,000	0	170,000	
79	29.3	110,000	70,000	220,000	20,000	310,000	
80	40.9	130,000	300,000	360,000	80,000	740,000	
81	25.8	80,000	60,000	150,000	20,000	230,000	
82	37.0	120,000	110,000	250,000	30,000	390,000	
83	21.7	60,000	90,000	150,000	20,000	260,000	
84	46.4	150,000	170,000	320,000	80,000	570,000	
85	50.3	160,000	240,000	320,000	70,000	630,000	

Table 1 lists the estimated amounts of recoverable ground water that are stored in the Tucson area by depth zones for the subareas shown on the index map. The index map and table 1 should be used in conjunction with the depth-to-water map (U.S. Geol. Survey Misc. Geol. Inv. Map I-844-D). The values given in the column entitled "Water in upper 100 feet of saturated sediment" are the average amounts of water that can be pumped from a subarea with a resultant average water-level decline of 100 feet; the values are highly dependent on the size of the subareas. The values given in the column "Water between land surface and 300 feet below land surface" are the amounts of water that probably can be removed without creating hazards, such as land subsidence. The values given in the columns "Water between 300 and 700 feet..." and "Water between 700 and 1,200 feet below land surface" are estimates of the amount of water available for intermediate to long-range use. It should be emphasized that the amount of ground water stored in a subarea varies from place to place in the subarea, and, therefore, the areal-distribution map can be used to estimate the amount of water in storage at a specific site. The index map and table 1 can be used to provide estimates of the amounts of water stored at the different depth ranges. It should be emphasized that all subarea boundaries are artificial boundaries selected for convenience in compilation and do not represent physical boundaries; therefore, a well in the extreme northeast corner of subarea 65 will withdraw water from parts of subareas 62, 63, 66, and 65.

