



EXPLANATION

- -300 — LINE OF EQUAL CHANGE IN WATER LEVEL—  
 Dashed where approximately located.  
 Interval 50 feet
- WELL FOR WHICH A HYDROGRAPH IS SHOWN
- IRRIGATED AREA AS OF 1975—Based on data  
 from the Arizona Crop and Livestock  
 Reporting Service and photorevised by  
 personnel of the U.S. Geological Survey;  
 land under cultivation or that prepared  
 for cultivation was considered irrigated
- — — — — APPROXIMATE BOUNDARY OF THE MAIN WATER-  
 BEARING UNIT—The main water-bearing unit  
 consists principally of sedimentary  
 deposits. Other water-bearing units are  
 mainly crystalline rocks and in places  
 well-cemented conglomerate and sand-  
 stone that contain only small amounts  
 of water
- — — — — ARBITRARY BOUNDARY OF GROUND-WATER AREA

ESTIMATED GROUND-WATER PUMPAGE IN THE  
 SALT RIVER VALLEY

[Numbers rounded to nearest  
 thousand acre-feet]

Year	Pumpage, in thousands of acre-feet	Year	Pumpage, in thousands of acre-feet
Prior to			
1915	57	1947	1,406
1916	15	1948	1,670
1917	15	1949	1,644
1918	40	1950	1,852
1919	60	1951	1,910
1920	95	1952	2,020
1921	100	1953	2,300
1922	200	1954	2,300
1923	400	1955	2,240
1924	500	1956	2,300
1925	500	1957	2,300
1926	500	1958	2,300
1927	500	1959	2,206
1928	500	1960	2,005
1929	500	1961	2,178
1930	600	1962	1,976
1931	650	1963	2,134
1932	600	1964	1,972
1933	300	1965	1,500
1934	572	1966	1,350
1935	711	1967	1,763
1936	554	1968	1,264
1937	684	1969	1,600
1938	665	1970	1,700
1939	905	1971	1,800
1940	738	1972	1,800
1941	943	1973	1,200
1942	444	1974	1,800
1943	1,004	1975	1,750
1944	1,017	1976	1,680
1945	1,143		
1946	1,360	TOTAL	73,411

BASE FROM U.S. GEOLOGICAL SURVEY  
 MEGA 1:250,000, 1954-69 AND  
 PHOENIX 1:250,000, 1954-69

CHANGE IN WATER LEVEL, 1923-77, HYDROGRAPHS OF THE WATER LEVEL IN SELECTED WELLS, AND IRRIGATED AREA, 1975

MAPS SHOWING GROUND-WATER CONDITIONS IN THE WESTERN PART OF THE SALT RIVER VALLEY AREA,  
 MARICOPA COUNTY, ARIZONA—1977

By  
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