



EXPLANATION

- 50- APPROXIMATE LINE OF EQUAL CHANGE IN WATER LEVEL—Interval 50 feet
- WELL FOR WHICH A HYDROGRAPH IS SHOWN
- IRRIGATED AREA AS OF 1976—Modified from the Arizona Crop and Livestock Reporting Service (1974) by personnel of the U.S. Geological Survey. Land under cultivation or that prepared for cultivation was considered irrigated
- SUBDIVIDED AREA AS OF 1976—Land subdivided for housing development
- FALLOWED AREA AS OF 1976—Land no longer irrigated
- APPROXIMATE BOUNDARY OF THE MAIN WATER-BEARING UNIT—The main water-bearing unit consists principally of unconsolidated alluvial deposits. The upper and the lower sand and gravel units are the main sources of ground water. Outside the boundary of the main water-bearing unit, small amounts of water may be obtained from alluvial deposits in narrow valleys or from faulted or fractured consolidated sedimentary rocks
- ARBITRARY BOUNDARY OF GROUND-WATER AREA

ESTIMATED GROUND-WATER PUMPAGE IN THE
LOWER SANTA CRUZ AREA

[Numbers rounded to nearest
thousand acre-feet]

Year	Pumpage, in thousands of acre-feet	Year	Pumpage, in thousands of acre-feet
1915	82	1947	700
1916	83	1948	950
1917	84	1949	1,100
1918	85	1950	1,000
1919	86	1951	1,030
1920	88	1952	950
1921	90	1953	1,400
1922	93	1954	1,200
1923	96	1955	1,200
1924	99	1956	1,100
1925	101	1957	1,100
1926	104	1958	1,200
1927	106	1959	1,200
1928	109	1960	1,100
1929	111	1961	1,150
1930	135	1962	1,050
1931	160	1963	1,000
1932	185	1964	1,150
1933	210	1965	1,100
1934	235	1966	915
1935	260	1967	1,120
1936	285	1968	1,100
1937	305	1969	1,043
1938	325	1970	890
1939	352	1971	819
1940	372	1972	798
1941	421	1973	990
1942	500	1974	1,130
1943	515	1975	973
1944	530	1976	966
1945	610		
1946	660	TOTAL	38,521

HYDROGRAPHS OF THE WATER LEVEL IN
SELECTED WELLS SHOWN ON THE MAP
[Dashed line indicates an
inferred water level]

