

Water-level measurements were made in 34 wells during March 1983, in the vicinity of Carpinteria, Calif., by the Carpinteria County Water District as part of a cooperative study with the U.S. Geological Survey. These measurements show that 33 of the 34 wells had water levels higher in altitude in March 1983 than in March 1982 (Maltby, 1984). Only one well showed a net water-level decline of 2.20 ft. The maximum rise in water level was 38.09 ft in a well on the south side of the Rincon thrust fault. The maximum rise in water level on the north side of the Rincon thrust fault was 37.47 ft. The measurements show little net change in water levels occurred beneath the town of Carpinteria between March 1982 and March 1983. This indicates that there was little increase in the amount of water stored in the part of the aquifer underlying Carpinteria. In less populated areas to the northwest and east of Carpinteria, water-level rises between 5 and 30 ft imply substantial increases in water stored in the aquifer.

REFERENCES

Geotechnical Consultants, Inc., 1976, Hydro-geologic investigation of Carpinteria ground-water basin: Consulting Report V2075-C, 205 p.  
Maltby, Dorothy, 1984, Map of the Carpinteria area and vicinity, Santa Barbara County, California, showing water-level contours for March 1982: U.S. Geological Survey Water-Resources Investigations Report 83-4273.

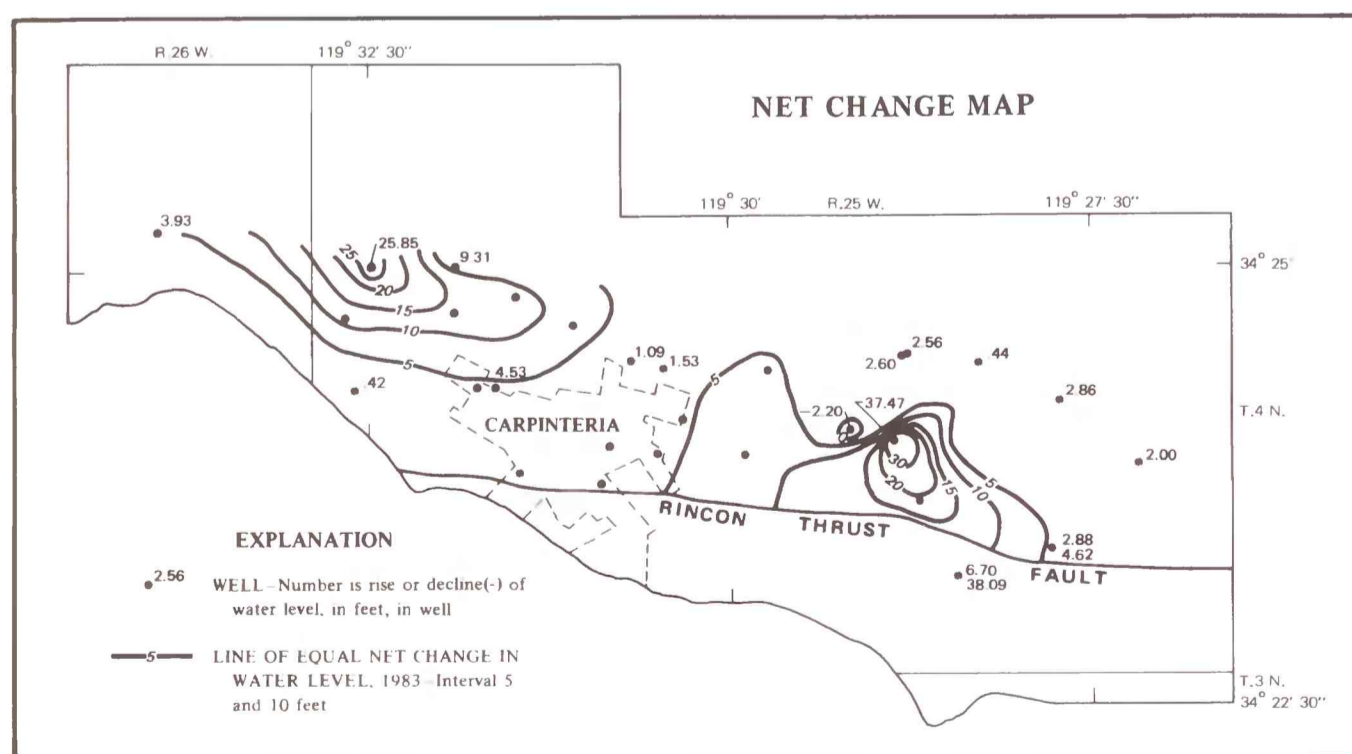
CONVERSION FACTORS

For those who prefer metric (SI) units rather than inch-pound units, the conversion factors for terms used in this report are:

Multiply	By	To obtain
feet	0.3048	meters

ALTITUDE DATUM

National Geodetic Vertical Datum of 1929 (NGVD of 1929): A geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada, formerly called mean sea level.



**MAP OF THE CARPINTERIA AREA AND VICINITY, SANTA BARBARA COUNTY, CALIFORNIA  
SHOWING WATER-LEVEL CONTOURS FOR MARCH 1983 AND NET CHANGE  
IN WATER LEVEL BETWEEN MARCH 1982 AND MARCH 1983**

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1984

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