

Figure 1. General geology and location of groundwater subbasins in Antelope Valley.

Introduction

Antelope Valley is in the western end of the Mojave Desert in southern California, about 30 mi northwest of Los Angeles (the Mojave Desert extends about 100 mi northwest of Los Angeles). The valley floor is a flat, arid landscape with sparse vegetation. The valley is a remnant of a larger, once-continuous body of water that existed during the Pleistocene epoch.

Water-level changes in Antelope Valley are documented in a series of reports by the U.S. Geological Survey (USGS) and the Antelope Valley Water District (AVWD). The USGS has been monitoring water levels in the valley since 1975, and the AVWD has been monitoring water levels since 1975.

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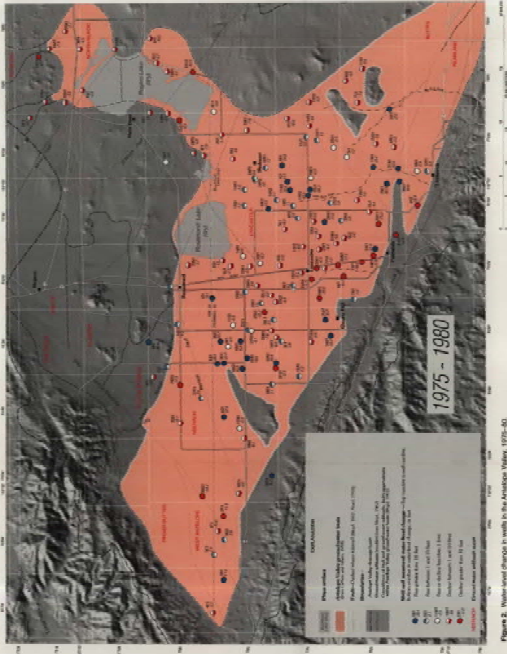


Figure 2. Water-level change in the Antelope Valley, 1975-80.

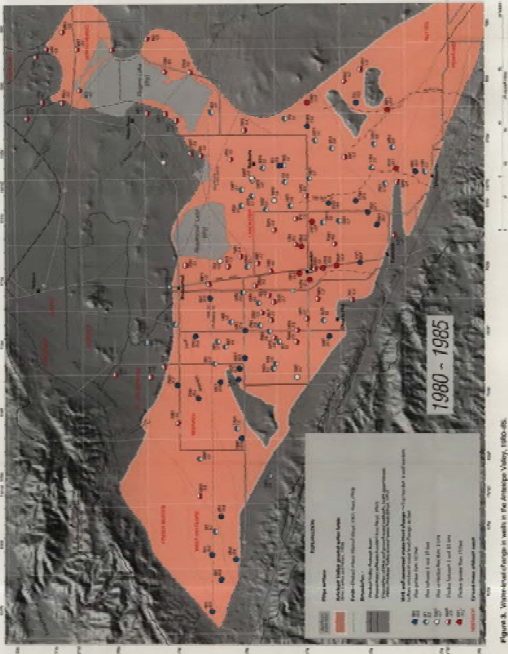


Figure 3. Water-level change in the Antelope Valley, 1980-85.

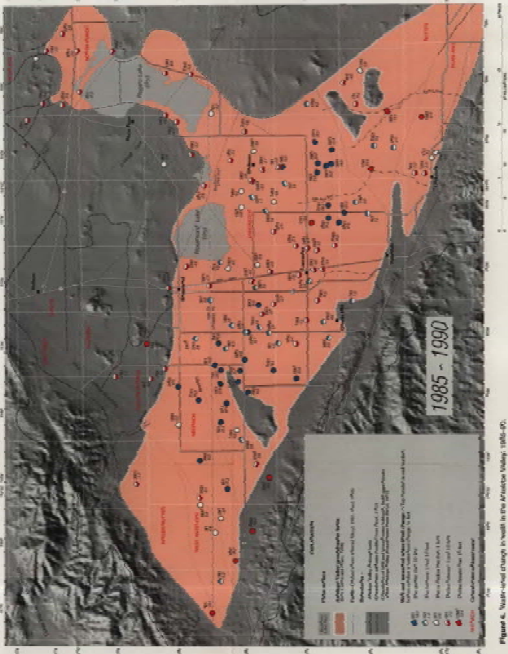


Figure 4. Water-level change in the Antelope Valley, 1985-90.

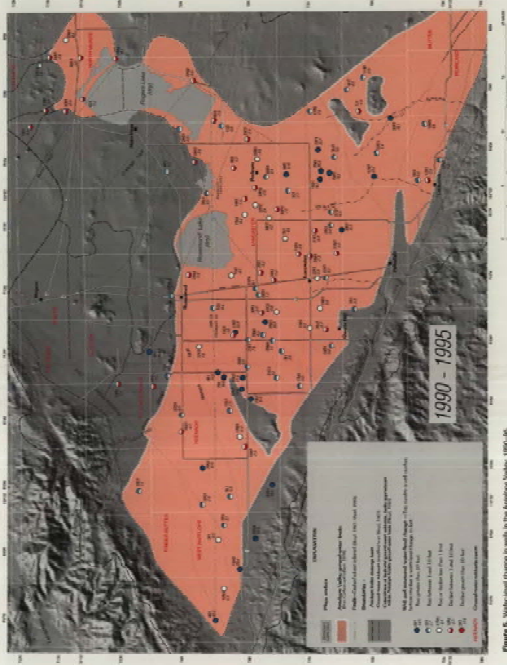


Figure 5. Water-level change in the Antelope Valley, 1990-95.



Figure 6. Water-level change in the Antelope Valley, 1995-98.



Figure 7. Water-level change in the Antelope Valley, 1975-98.

Water-Level Changes (1975 - 98) in the Antelope Valley, California

By Carl S. Carlson and Steven P. Phillips, 1998

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
3451 LAKE AVENUE, SUITE 300
DENVER, COLORADO 80202-4249
TELEPHONE (303) 733-8800
FAX (303) 733-8801
WWW.USGS.GOV

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Table 1. Depth to water in wells in the Antelope Valley, California, February to May, 1974 - 98.

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