

# Aquifer-test design, observation and data analysis

U.S. Govt. Print. Off. - TWRI 3

Description: -

- Valencia (Spain : Region) -- Economic conditions.  
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Taxation -- Valencia (Spain : Region) -- History.  
Meteorological instruments -- United States -- Handbooks, manuals, etc.  
Meteorological instruments -- United States -- Maintenance and repair -- Handbooks, manuals, etc.  
Skin Diseases -- in infancy & childhood.  
Pediatric dermatology -- Diagnosis.  
Pediatric dermatology.  
Rajasthan (India) -- Civilization.  
Military hospitals -- United States  
United States. -- Federal Board of Hospitalization (Proposed)  
Czechoslovakia -- Economic conditions  
Czechoslovakia -- Economic policy -- 1945-  
Komunistická strana Československa -- Party work  
Missions -- Study and teaching.  
Anne -- (Mother of the Virgin Mary), Saint  
Groundwater.  
Groundwater flow.  
Aquifers.Aquifer-test design, observation and data analysis

- Techniques of water-resources investigations of the United States Geological Survey -- book 3, chapter B1Aquifer-test design, observation and data analysis  
Notes: Includes bibliographical references.  
This edition was published in 1971

Tags: #Pumping #Test #for #Aquifers: #Analysis #and #Evaluation

## PUBLICATIONS

Pumping Test or Pump Test? Unsteady radial flow to a pumped well allowing for delayed yield from storage, International Association of Scientific Hydrology, pub.



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Measurement Frequency A logarithmic schedule is appropriate for recording water levels during a. Aquifer test and aquifer performance test APT are alternate designations for a pumping test.

### Pumping Tests :: Aquifer Testing 101

Determination of hydraulic conductivity from grain-size distribution for different depositional environments, Ground Water, vol.

### Pumping Tests :: Aquifer Testing 101

Theory of aquifer tests, U.

### Observation

Flow to a well of finite diameter in a homogeneous, anisotropic water table aquifer, Water Resources Research, vol. In layered systems, one also uses pumping tests to estimate the properties of vertical and.

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Rate Control Controlling the flow rate is also important for a successful pumping test. When a brief increase in head is observed after the start of pumping, it is sometimes called the Noordbergum effect after a village in the Netherlands where the phenomenon was first described ; on the other hand, Rhade effect is the name given to a decrease in head that occurs after pumping stops.

## Aquifer Testing Guidance Documents : Aquifer Testing 101

Geological Survey, 1200 South Eads Street, Arlington, VA 22202 authorized agent of Superintendent of Documents, Government Printing Office.  
A simple correction for slug tests in small-diameter wells, Ground Water, vol. Interpretation of transmissivity estimates from single-well pumping  
aquifer tests, Ground Water, vol.

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