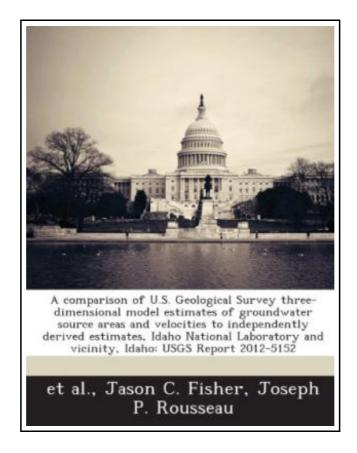
### A Comparison of U.S. Geological Survey Three-Dimensional Model Estimates of Groundwater Source Areas and Velocities to Independently Derived Estimates, Idaho National Laboratory and Vicinity, Idaho: Usgs Report 2012-5152



Filesize: 8.06 MB

#### Reviews

The ebook is straightforward in go through preferable to recognize. It typically does not charge too much. Its been designed in an exceptionally straightforward way and it is just following i finished reading this book where basically altered me, affect the way i really believe.

(Dr. Reta Murphy)

A COMPARISON OF U.S. GEOLOGICAL SURVEY THREE-DIMENSIONAL MODEL ESTIMATES OF GROUNDWATER SOURCE AREAS AND VELOCITIES TO INDEPENDENTLY DERIVED ESTIMATES, IDAHO NATIONAL LABORATORY AND VICINITY, IDAHO: USGS REPORT 2012-5152



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. The U.S. Geological Survey (USGS), in cooperation with the U.S. Department of Energy, evaluated a three-dimensional model of groundwater flow in the fractured basalts and interbedded sediments of the eastern Snake River Plain aquifer at and near the Idaho National Laboratory to determine if model-derived estimates of groundwater movement are consistent with (1) results from previous studies on water chemistry type, (2) the geochemical mixing at an example well, and (3) independently derived estimates of the average linear groundwater velocity. Simulated steady-state flow fields were analyzed using backward particle-tracking simulations that were based on a modified version of the particle tracking program MODPATH. Model results were compared to the 5-microgram-per-liter lithium contour interpreted to represent the transition from a water type that is primarily composed of tributary valley underflow and streamflowinfiltration recharge to a water type primarily composed of regional aquifer water. This comparison indicates several shortcomings in the way the model represents flow in the aquifer. The eastward movement of tributary valley underflow and streamflow-infiltration recharge is overestimated in the north-central part of the model area and underestimated in the central part of the model area. Model inconsistencies can be attributed to large contrasts in hydraulic conductivity between hydrogeologic zones. Sources of water at well NPR-W01 were identified using backward particle tracking, and they were compared to the relative percentages of source water chemistry determined using geochemical mass balance and mixing models. The particle tracking results compare reasonably well with the chemistry results for groundwater derived from surface-water sources (-28 percent error), but overpredict the proportion of groundwater derived from regional aquifer water (108 percent error) and underpredict the proportion of groundwater derived from tributary valley underflow...

- Read A Comparison of U.S. Geological Survey Three-Dimensional Model Estimates of Groundwater Source Areas and Velocities to Independently Derived Estimates, Idaho National Laboratory and Vicinity, Idaho: Usgs Report 2012-5152 Online
- Download PDF A Comparison of U.S. Geological Survey Three-Dimensional Model Estimates of Groundwater Source Areas and Velocities to Independently Derived Estimates, Idaho National Laboratory and Vicinity, Idaho: Usgs Report 2012-5152

#### Other Books



### A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)

Dover Publications, 2011. Paperback. Book Condition: New. No Jacket. New paperback book copy of A Dog of Flanders by Ouida (Marie Louise de la Ramee). Unabridged in easy to read type. Dover Children's Thrift Classic....

Read Book »



#### Pickles To Pittsburgh: Cloudy with a Chance of Meatballs 2

Atheneum Books for Young Readers, 2000. Paperback. Book Condition: New. No Jacket. New paperbook print book copy of Pickles to Pittsburgh: Cloudy with a Chance of Meatballs 2 written by Judi Barrett. Drawn by Ron...

Read Book »



### Count Leopold's Badtime, Bedtime, Children's Rhymes Vol II: A Collection of Children's Rhymes with Anti-Bullying Themes

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. The 21st Century is full of make-believe Superheroes. centuries ago there were also imaginary...

Read Book »



#### Cloudy With a Chance of Meatballs

Atheneum Books for Young Readers, 1982. Paperback. Book Condition: New. No Jacket. New paperbook print book copy of Cloudy with a Chance of Meatballs written by Judi Barrett. Drawn by Ron Barrett. New York: Athenium...

Read Book »



#### You Are Not I: A Portrait of Paul Bowles

University of California Press. Hardcover. Book Condition: New. 0520211049 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers...

Read Book »



#### Super Easy Storytelling The fast, simple way to tell fun stories with children

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.9in. x 8.0in. x 0.2in.Instantly start telling stories with kids. Great for spontaneous storytelling or for creative

Download eBook »



## Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English. Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents

Download eBook »



# Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This historic book may have numerous typos and missing text. Purchasers can download

Download eBook »



#### My Best Bedtime Bible: With a Bedtime Prayer to Share

Lion Hudson Plc. Paperback. Book Condition: new. BRAND NEW, My Best Bedtime Bible: With a Bedtime Prayer to Share, Sophie Piper, Claudine Gevry, This heartwarming collection of ten Bible stories is ideal for reassuring and

Download eBook »



## Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250  $\times$  189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies

Download eBook »