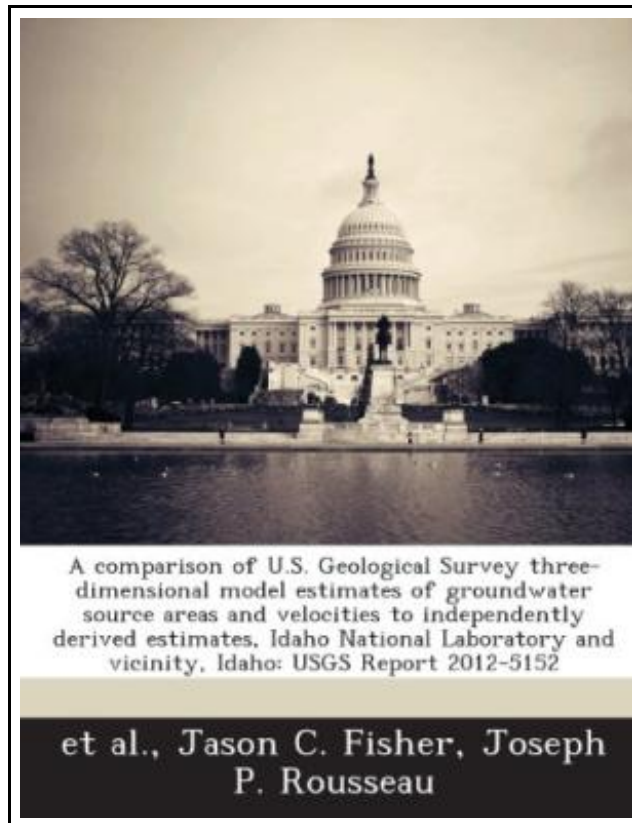


A Comparison of U.S. Geological Survey Three-Dimensional Model Estimates of Groundwater Source Areas and Velocities to Independently Derived Estimates, Idaho National Laboratory and Vicinity, Idaho: Usgs Report 2012-5152 (Paperback)



Filesize: 5.56 MB

Reviews

Completely essential go through ebook. It is definitely basic but shocks in the 50 percent from the publication. I am delighted to let you know that this is the best pdf i have go through inside my individual lifestyle and can be he best pdf for possibly.

(Damien Reynolds I)


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 (PAPERBACK)




To save **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 (Paperback)** PDF, please refer to the web link listed below and download the ebook or gain access to additional information which might be have conjunction with **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 (PAPERBACK)** book.

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 streamflow-infiltration 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 \(Paperback\)** 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 \(Paperback\)**](#)

 [Download ePUB **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 \(Paperback\)**](#)

You May Also Like



[PDF] **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 (Paperback)**

Click the link below to download and read "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 (Paperback)" PDF document.

[Download ePub »](#)



[PDF] **A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)**

Click the link below to download and read "A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)" PDF document.

[Download ePub »](#)



[PDF] **Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)**

Click the link below to download and read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)" PDF document.

[Download ePub »](#)



[PDF] **A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)**

Click the link below to download and read "A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)" PDF document.

[Download ePub »](#)



[PDF] **Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)**

Click the link below to download and read "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)" PDF document.

[Download ePub »](#)



[PDF] **Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625) (Paperback)**

Click the link below to download and read "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625) (Paperback)" PDF document.

[Download ePub »](#)



[PDF] 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 (Paperback)

Access the link under to download "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 (Paperback)" file.

[Read Book »](#)



[PDF] History of the Town of Sutton Massachusetts from 1704 to 1876 (Paperback)

Access the link under to download "History of the Town of Sutton Massachusetts from 1704 to 1876 (Paperback)" file.

[Read Book »](#)



[PDF] Federal Court Rules: 2014 (Paperback)

Access the link under to download "Federal Court Rules: 2014 (Paperback)" file.

[Read Book »](#)



[PDF] Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters! (Paperback)

Access the link under to download "Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters! (Paperback)" file.

[Read Book »](#)



[PDF] A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half (Paperback)

Access the link under to download "A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half (Paperback)" file.

[Read Book »](#)



[PDF] The Three Little Pigs - Read it Yourself with Ladybird: Level 2 (Paperback)

Access the link under to download "The Three Little Pigs - Read it Yourself with Ladybird: Level 2 (Paperback)" file.

[Read Book »](#)