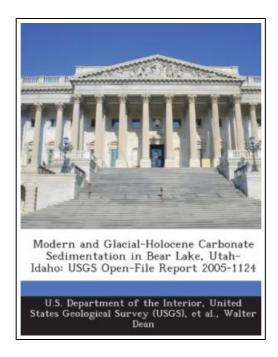
# Modern and Glacial-Holocene Carbonate Sedimentation in Bear Lake, Utah-Idaho: Usgs Open-File Report 2005-1124



Filesize: 5.1 MB

## Reviews

These kinds of ebook is the perfect publication offered. It is among the most incredible publication i have go through. You will not feel monotony at whenever you want of your time (that's what catalogues are for concerning if you check with me). (Delia Schoen)

### MODERN AND GLACIAL-HOLOCENE CARBONATE SEDIMENTATION IN BEAR LAKE, UTAH-IDAHO: USGS OPEN-FILE REPORT 2005-1124



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. The Bear Lake Valley in northeastern Utah and adjacent Idaho is a half graben containing a mesosaline-alkaline lake (Bear Lake). The lake is 32 km long and 6-13 km wide with an area of 280 km2 at full capacity. Maximum depth is 63 m, with a mean depth of 28 m. The present elevation of the lake is 1805 meters above sea level (masl), but this level has varied considerably through time. The natural watershed of the lake is relatively small, with a basin-area: lake-area ratio of only 4.8:1. Historically, the Bear River did not flow into Bear Lake. A series of canals, built from 1909 to 1918, now diverts the Bear River into Bear Lake creating a reservoir to supply irrigation water downstream. This increased the basin-area: lake-area ratio considerably to 29.5:1. The mean annual surface hydrologic flux (including precipitation) to the lake is 0.48 \* 109 m3/yr, which is only about 6 percent of the lake volume (7.86 \* 109 m3), giving an average residence time of about 16 years. The magnitude of ground water influx is not known. Kullenberg piston coring in 1996 and seismic profiling in 1997 and 2002 reveal a layered sediment package with clear wedging reflectors and erosional unconformities. The piston cores recovered highly resolved records with excellent definition of geochemical-climate proxies and low-sedimentation rates. They are only a maximum of 5 m in length but provide a 30,000-year record, well beyond the last glacial maximum. Some unknown amount of sediment was missing from the tops of the piston cores so surface sediments (up to 50 cm) were collected with a gravity corer. The Holocene sediments are carbonate-rich (predominantly aragonite), and the...

Read Modern and Glacial-Holocene Carbonate Sedimentation in Bear Lake, Utah-Idaho: Usgs Open-File Report 2005-1124 Online

Download PDF Modern and Glacial-Holocene Carbonate Sedimentation in Bear Lake, Utah-Idaho: Usgs Open-File Report 2005-1124

### You May Also Like



Baby Bargains Secrets to Saving 20 to 50 on Baby Furniture Equipment Clothes Toys Maternity Wear and Much Much More by Alan Fields and Denise Fields 2005 Paperback

Book Condition: Brand New. Book Condition: Brand New.

Download PDF »



Trouble Free Travel with Children Over 700 Helpful Hints for Parents of the Go by Vicki Lansky 2003 Paperback Book Condition: Brand New. Book Condition: Brand New.

Download PDF »



### Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

Download PDF »



#### The Garden After the Rain: Bedtime Story and Activity Book for Children 4-8 Years

Partridge Publishing, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. The book - The garden after the rain is a collection of...

Download PDF »



#### Growing Up: From Baby to Adult High Beginning Book with Online Access

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

Download PDF »