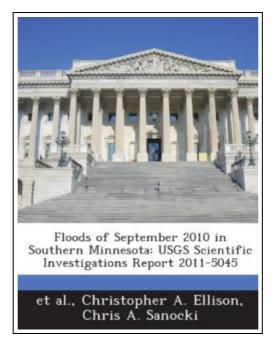
Floods of September 2010 in Southern Minnesota: Usgs Scientific Investigations Report 2011-5045 (Paperback)



Filesize: 7.54 MB

Reviews

A high quality pdf as well as the typeface applied was exciting to see. It really is writter in simple words and phrases rather than difficult to understand. You will not really feel monotony at at any time of your time (that's what catalogs are for relating to in the event you question me).

(Robyn Nolan)

FLOODS OF SEPTEMBER 2010 IN SOUTHERN MINNESOTA: USGS SCIENTIFIC INVESTIGATIONS REPORT 2011-5045 (PAPERBACK)



To save Floods of September 2010 in Southern Minnesota: Usgs Scientific Investigations Report 2011-5045 (Paperback) PDF, make sure you refer to the button below and save the file or have access to other information which might be have conjunction with FLOODS OF SEPTEMBER 2010 IN SOUTHERN MINNESOTA: USGS SCIENTIFIC INVESTIGATIONS REPORT 2011-5045 (PAPERBACK) book.

Bibliogov, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.During September 22-24, 2010, heavy rainfall ranging from 3 inches to more than 10 inches caused severe flooding across southern Minnesota. The floods were exacerbated by wet antecedent conditions, where summer rainfall totals were as high as 20 inches, exceeding the historical average by more than 4 inches. Widespread flooding that occurred as a result of the heavy rainfall caused evacuations of hundreds of residents, and damages in excess of 64 million dollars to residences, businesses, and infrastructure. In all, 21 counties in southern Minnesota were declared Federal disaster areas. Peak-of-record streamflows were recorded at nine U.S. Geological Survey and three Minnesota Department of Natural Resources streamgages as a result of the heavy rainfall. Flood-peak gage heights, peak streamflows, and annual exceedance probabilities were tabulated for 27 U.S. Geological Survey and 5 Minnesota Department of Natural Resources streamgages and 5 ungaged sites. Flood-peak streamflows in 2010 had annual exceedance probabilities estimated to be less than 0.2 percent (recurrence interval greater than 500 years) at 7 streamgages and less than 1 percent (recurrence interval greater than 100 years) at 5 streamgages and 4 ungaged sites. High-water marks were identified and tabulated for the most severely affected communities of Faribault along the Cannon and Straight Rivers, Owatonna along the Straight River and Maple Creek, Pine Island along the North Branch and Middle Fork Zumbro River, and Zumbro Falls along the Zumbro River. The nearby communities of Hammond, Henderson, Millville, Oronoco, Pipestone, and Rapidan also received extensive flooding and damage but were not surveyed for high-water marks. Flood-peak inundation maps and water-surface profiles for the four most severely affected communities were constructed in a geographic information system by combining high-water-mark data with the highest

- 🖻 Read Floods of September 2010 in Southern Minnesota: Usgs Scientific Investigations Report 2011-5045 (Paperback) Online
- Download PDF Floods of September 2010 in Southern Minnesota: Usgs Scientific Investigations Report 2011-5045 (Paperback)
- Download ePUB Floods of September 2010 in Southern Minnesota: Usgs Scientific Investigations Report 2011-5045 (Paperback)

See Also

	=	

[PDF] Danses Sacree Et Profane, CD 113: Study Score Click the web link under to read "Danses Sacree Et Profane, CD 113: Study Score" document. Read Book

	-
-	

.....

33

»

[PDF] The Golden Spinning Wheel, Op. 109 / B. 197: Study Score Click the web link under to read "The Golden Spinning Wheel, Op. 109 / B. 197: Study Score" document. Read Book

	\sim	
Ξ		

[PDF] Tales of Knights for Kids: Eight Short Fairy Stories about Knights for Children
Click the web link under to read "Tales of Knights for Kids: Eight Short Fairy Stories about Knights for Children" document.
Read Book

_

[PDF] Fox Tales for Kids: Fifteen Fairy Stories about Foxes for Children

Click the web link under to read "Fox Tales for Kids: Fifteen Fairy Stories about Foxes for Children" document. Read Book

	\sim
_	

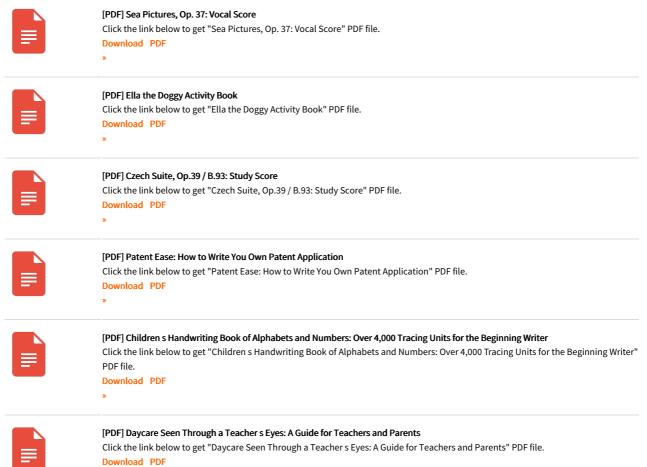
[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Click the web link under to 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 ." document. Read Book

=	
_	

[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

Click the web link under to 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" document. Read Book



Downlo