Record Nr. UNINA9910716909803321 Autore Ellison Christopher A. Titolo Floods of September 2010 in southern Minnesota / / by Christopher A. Ellison [and four others] Pubbl/distr/stampa Reston, Virginia:,: U.S. Department of the Interior, U.S. Geological Survey, , 2011 1 online resource (vi, 37 pages): color illustrations, color maps Descrizione fisica Collana Scientific investigations report;; 2011-5045 Soggetti Floods - Minnesota Floods - Minnesota - Faribault Floods - Minnesota - Owatonna Floods - Minnesota - Pine Island Floods - Minnesota - Zumbro Falls Floods Minnesota Minnesota Faribault Minnesota Owatonna Minnesota Pine Island Minnesota Zumbro Falls Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "Prepared in cooperation with the Federal Emergency Management Agency and the Minnesota Department of Natural Resources, Division of Ecological and Water Resources." Nota di bibliografia Includes bibliographical references (pages 17-19). Nota di contenuto Abstract -- Introduction. Purpose and scope; Conditions leading to the 2010 floods -- Methods. Computing the magnitudes of peak streamflows; Estimating annual exceedance probabilities of peak streamflows; Collection of high-water-mark data; Flood-peak inundation maps; Flood-peak water-surface profiles -- Floods of September 2010 in southern Minnesota. Magnitudes and estimated annual exceedance probabilities of peak streamflows; Flood-peak inundation maps and water-surface profiles -- Description of flood damages and effects -- Summary -- ; Appendix 1. High-water-mark

descriptions i the communities of Faribault, Owatonna, Pine Island, and

Zumbro Falls, floods of September 2010, Minnesota -- ; Appendix 2. Flood-peak inundation maps for selected communities, floods of September 2010, Minnesota -- ; Appendix 3. Flood-peak water-surface profiles for selected sites, floods of September 2010, Minnesota.