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**ON THE COVER**

Photograph of Mammoth Spring, AR. The Spring River begins in Arkansas with the release of $3.4 \times 10^5 \text{m}^3$ of water per hour from the Ozark Plateau aquifer. The Spring River is an important source of tourism and is the home of one of the most diverse sport fish fauna in the country. Changes in hydrology due to changes in land-use combined with the dominance of baseflow in the upper reaches of the river provide a unique environment in which to assess the relative contributions of run-off and groundwater to surface water chemistry.

*Photo by Nate Bickford  
June 16, 2003*