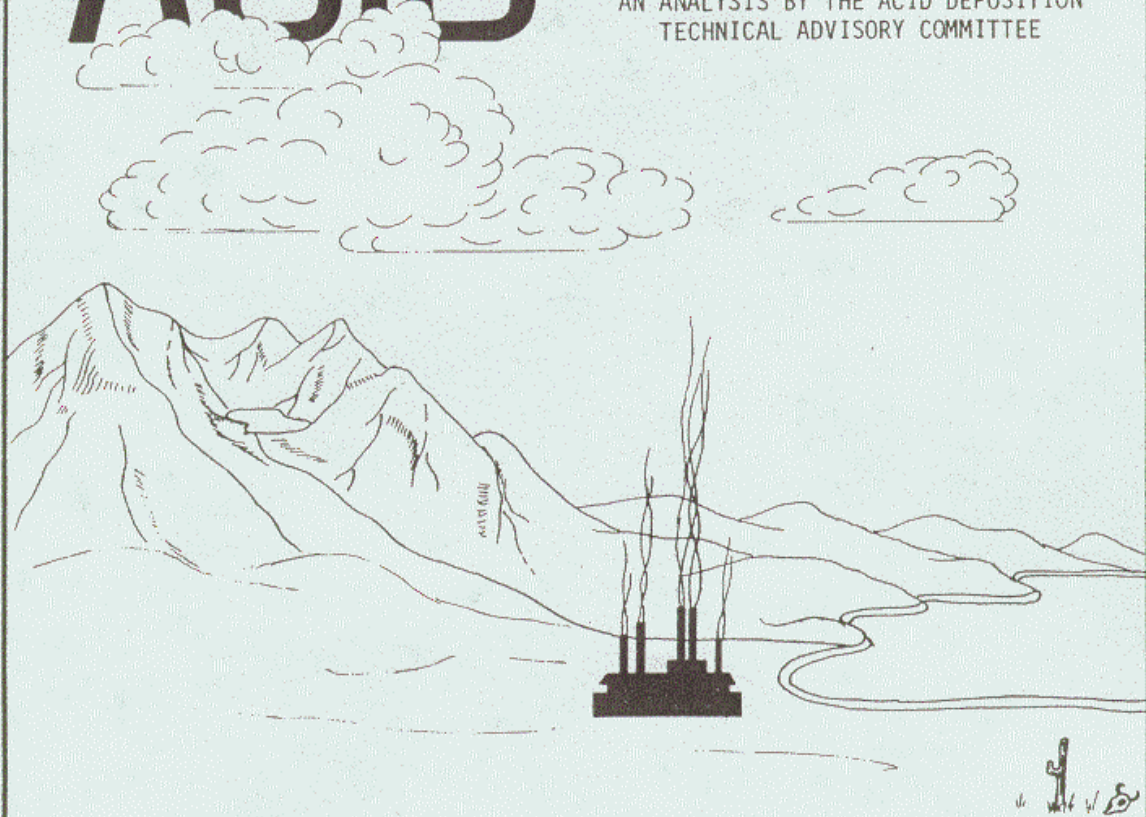


ACID DEPOSITION IN UTAH

AN ANALYSIS BY THE ACID DEPOSITION
TECHNICAL ADVISORY COMMITTEE



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November, December 1986

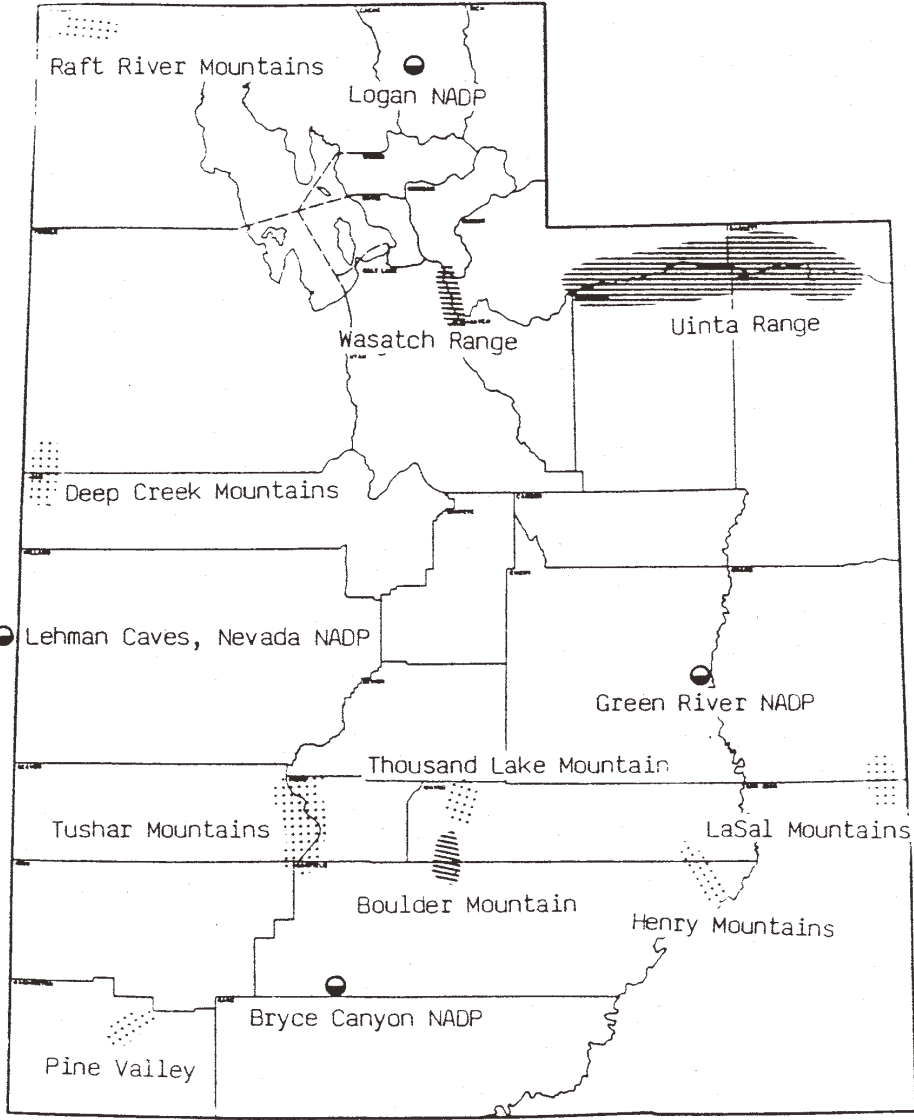
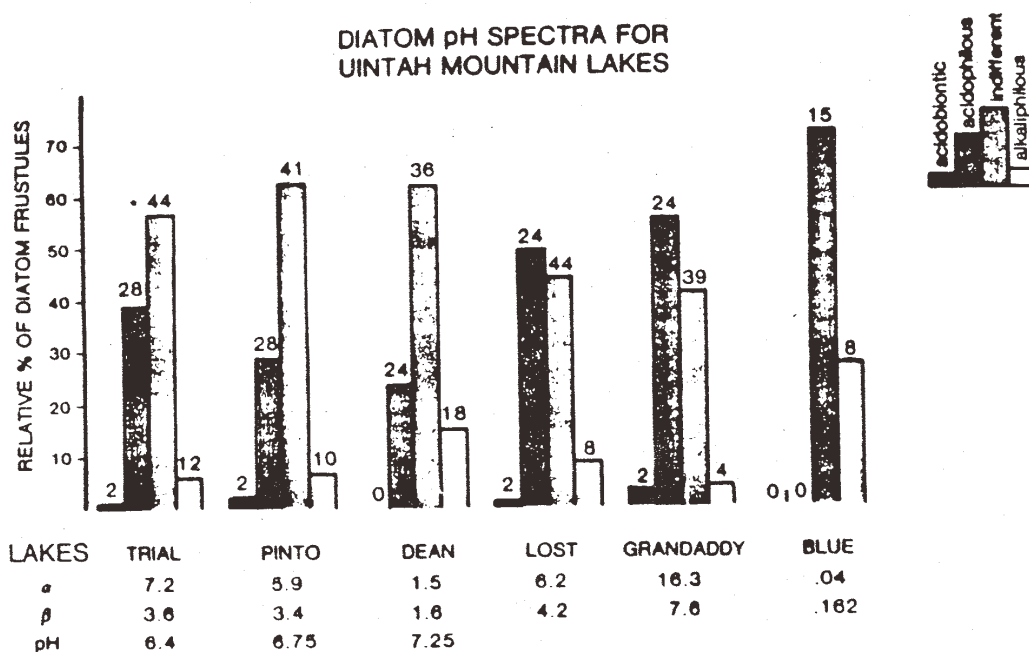


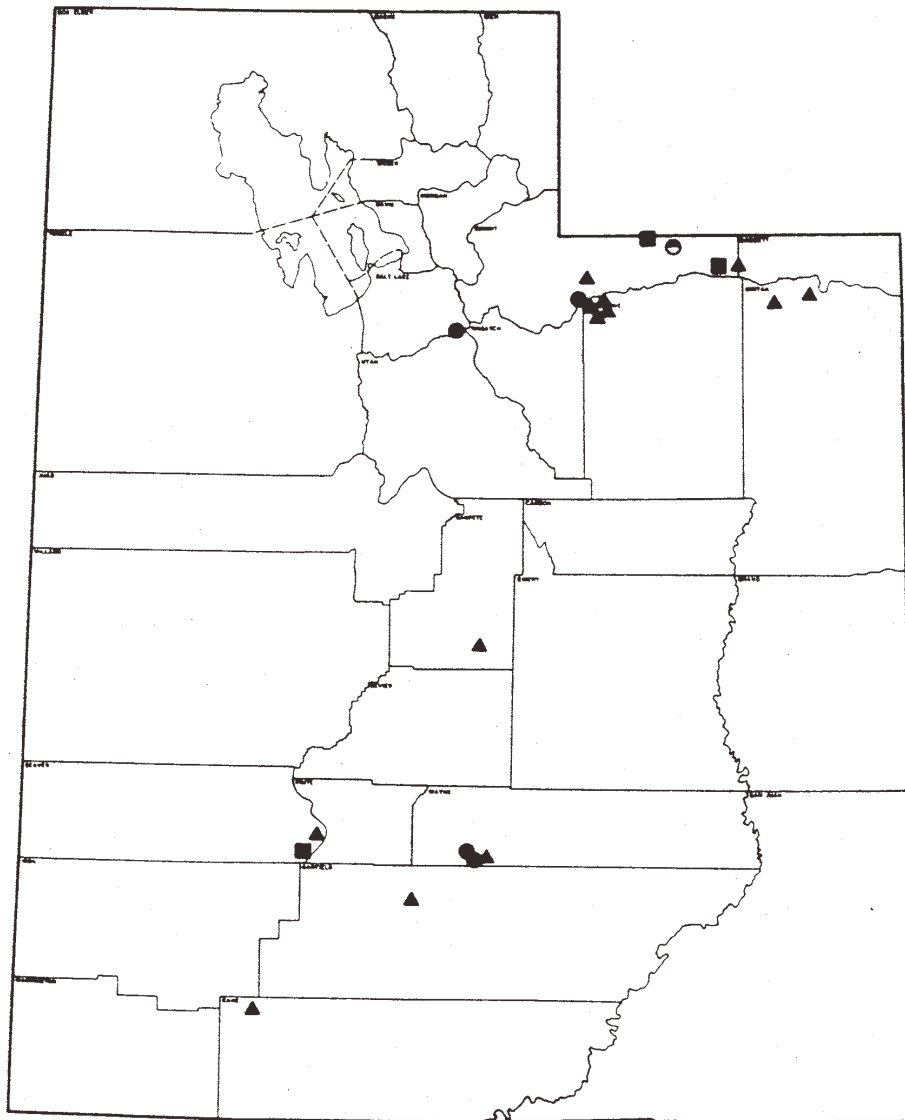
Figure 1. Location of sensitive and suspected sensitive watersheds and NADP stations

DIATOM pH SPECTRA FOR UINTAH MOUNTAIN LAKES



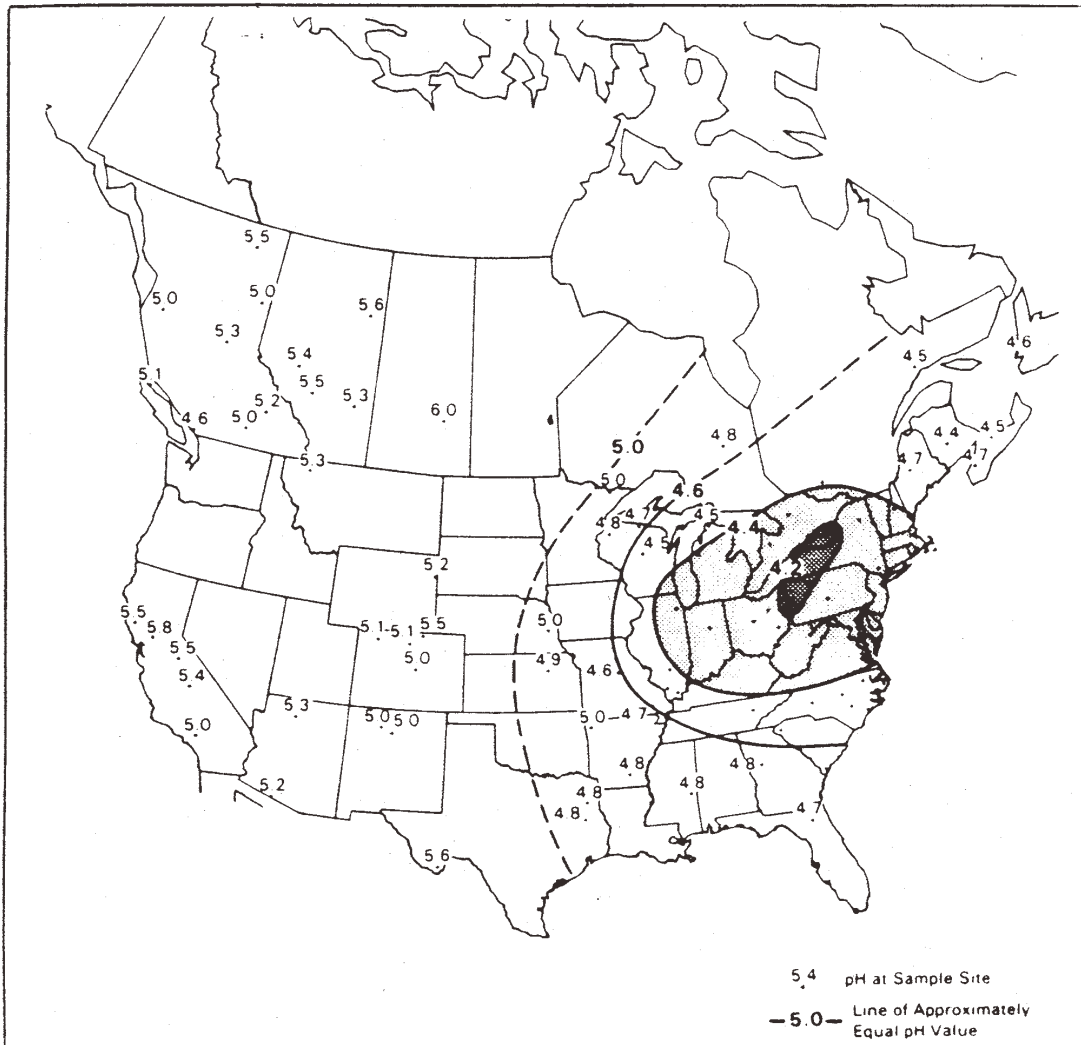
numbers = number of species

Figure 2. Diatom/pH spectra for Uinta Mountain lakes. Values for pH were supplied by the Utah Department of Health.



- - Oligotrophic lakes
- ▲ - Mesotrophic lakes
- - Eutrophic lakes
- - Dystrophic lakes

Figure 3. Location of lakes above 9,000 feet elevation analyzed for trophic status by the Bureau of Water Pollution Control



Dashed lines are used when site density and length of data record are such that contour lines may not well represent the true patterns.

Figure 4. Continental perspective of pH values recorded from deposition monitoring throughout North America. Taken from the 1984 NAPAP report to Congress and the President.

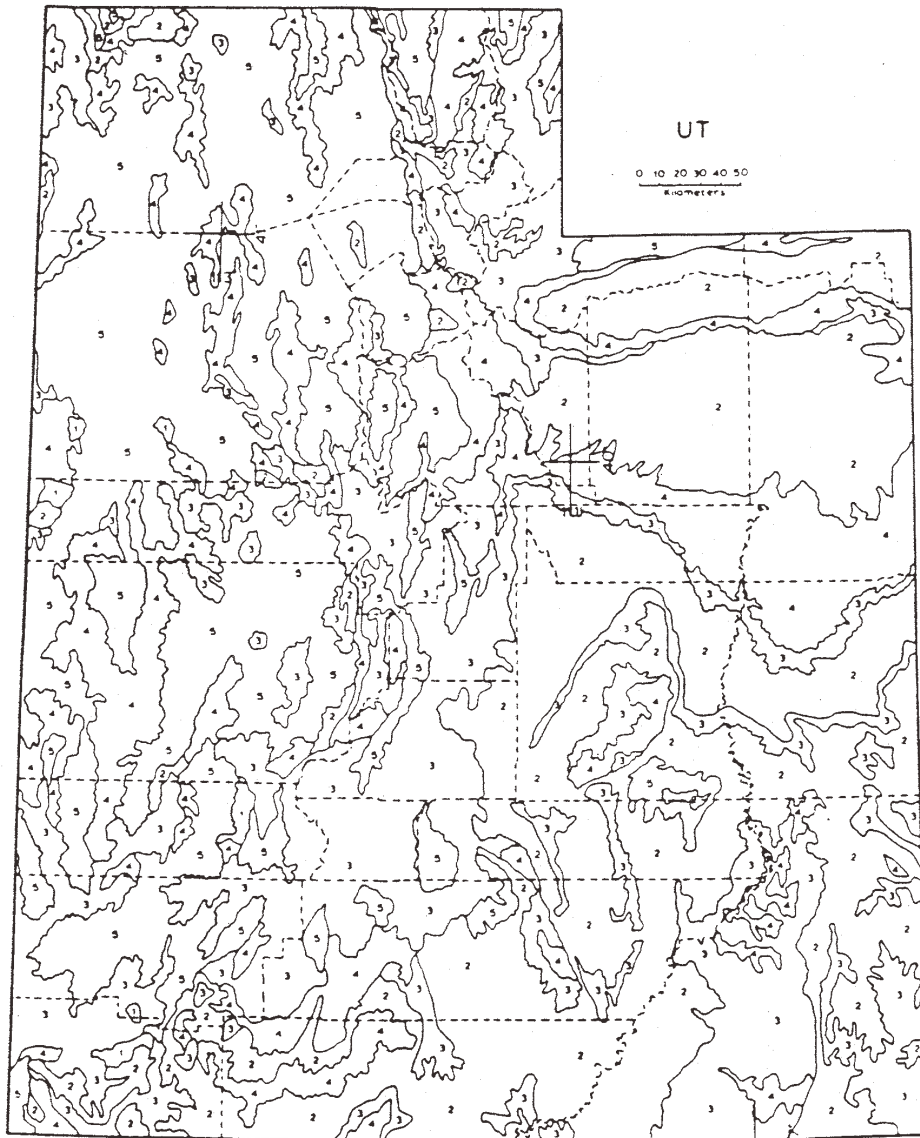


Figure 5. Bedrock geology classification map for acid sensitivity, Norton, 1982. See Table 1 for classification descriptions.

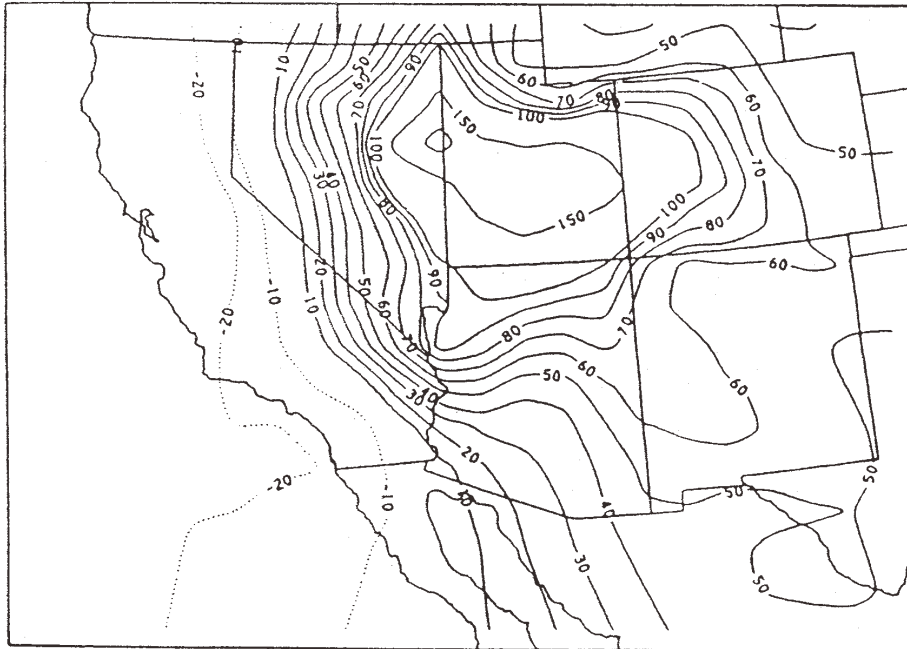


Figure 6. Percent change in annual average nitrate (total) concentrations from 1980 to 1995 (base scenario), Systems Applications, Inc.