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Spirit Lake, 8 kilometers northeast of Mount St. Helens, Washington, following the eruption of 18 May 1980. Massive avalanches of debris and pyroclastic flows destroyed forests and soils. The deposition of such debris into the lake caused the surface level to rise about 40 meters and the area to increase 30 percent. Dissolved minerals and pyrolyzed- and steam-extracted terrestri al organics stimulated microbial growth in the lake. See page 175. [Robert C. Wissmar, Fisheries Research Institute, University of Washington, Seattle 98195]

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