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**COVER** Aerial view of the meteorological tower and the canopy of the oak-hickory forest at Walker Branch Watershed, Tennessee. The large surface area of the forest vegetation results in significant interception of atmospheric particles and vapors. This material contributes to both the nutrient needs and the pollutant load of the forest. See page 141. [R. R. Turner and S. E. Lindberg, Environmental Sciences Division, Oak Ridge National Laboratory, Oak Ridge, TN 37831]

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