

# Hydrology - Open-File Report 6

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## Greenville County Potential Flood Damage Assessment

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1985

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### SUMMARY OF RESULTS

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All accessible 100-year flood zones in Greenville County were investigated by windshield survey during the months of December 1984, January, February, and March 1985. Structures at hazard were evaluated and a potential flood damage dollar-amount was calculated for each structure or group of similar structures. These results are contained in the Appendix. Table 1 provides a summary of the potential damage by tributary/reach. Table 2 rank orders these areas by a formula to identify the major areas at hazard.

The area with the highest potential damage monetarily is the Reedy River between Willard Street and Academy Street (\$3,343,200). The damage is primarily to warehouses and light industry. Most of the Reedy River has been studied in depth by a Corps of Engineers study: *Flood Plain Information, Reedy River* (April, 1972).

The second highest potential damage area is Brushy Creek (Enoree River basin) (\$900,200 for four reaches). This area contains 185 single-family dwelling units at hazard. This creek has been studied in depth by a Corps of Engineers study: *Detailed Project Report, Brushy Creek*, (May, 1982).

The third major hazard area is the Langston Creek tributary running adjacent to Langston Street (FIRM Map #145 AND 145a). Damage to 79 single-family dwelling units and mobile homes was estimated at \$342,000.

The fourth major hazard area is Richland Creek tributary #5 between Mohawk Drive and Townes Street. Twenty-three single-family dwelling units were estimated at \$237,950.

Copies of this report are available in the SCDNR's Columbia office.