US Army Corps of Engineers

Southwestern Division
Tulsa District

APPENDIX B

Water Management Analysis Report
Aerial Photographs of Flooded Areas
and Flood Profiles

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INTRODUCTION

On October 5-6, 1986, color aerial photographs were taken of flooded areas along the Arkansas, Caney, and Grand (Neosho) Rivers in northeastern Oklahoma. Photographs of flooding in urban areas of Tulsa, Washington, Ottawa, and Muskogee Counties, Oklahoma, are included as plates in this appendix. Data on the amount of flow in the streams at the time of the photographs are show on the plates. Also shown is the maximum flow that occurred during the flood.

Immediately after the flood, high watermarks were documented along the Arkansas, Caney, and Grand (Neosho) Rivers. Surveyed elevations of the high watermarks were used to prepare flood profiles which are shown on plates in this appendix. Also shown for comparison are the 100- and 500-year flood profiles, where available, as determined by the Federal Emergency Management Agency in flood insurance studies.