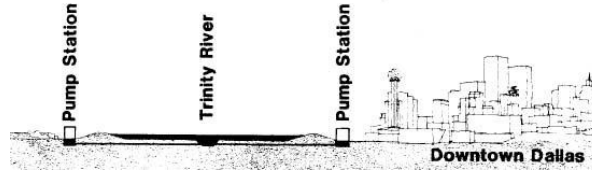




Able Pump Station



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# CITY OF DALLAS

Dallas Water Utilities  
Stormwater Operations  
Division

Flood Control and  
City-Wide Interior Drainage

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**FOR REAL TIME  
WEATHER  
INFORMATION,  
VISIT OUR WEB PAGE:  
<http://fc.dallascityhall.com>**

**FOR ADDITIONAL INFORMATION**

Dallas Water Utilities  
Stormwater Operations Division  
Flood Control and City-Wide Interior Drainage  
615 S. Riverfront Blvd.  
DALLAS, TEXAS 75207-6201  
214/671-6015 - OFFICE



Flooded Roadway Warning System (FRWS) Sites

## HISTORY

The history of the Trinity River Valley, dating back to the first settlement, records the recurring flooding in Dallas County. As Dallas grew, the reduction of property damage and loss of life caused by these floods became essential. A levee system to control the flood prone Trinity River was completed in 1931. Even though the levees were in place with auxiliary pumping plants on line, there were no funds available during and immediately following the depression for the maintenance of the floodway or operation of the equipment and facilities used as an integral part of floodway management.

In the early 1950's, the U.S. Army Corps of Engineers made major improvements to the levees and drainage facilities. These improvements included enlargement of the levees, construction of larger pump stations and expansion of existing pressure sewer systems.

In 1968, the City of Dallas assumed responsibility for the operation and maintenance of the Trinity River Levee System within the City Limits from the Dallas County Flood Control District. The City operates and maintains the System under the regulatory control of the U.S. Army Corps of Engineers.

The City of Dallas has continued to make improvements to the Levee System by adding pumping stations, gravity sluice ways, and levees. The Levee System currently protects 10,000 acres of residential and highly developed commercial and industrial property which is valued over 12 billion dollars.



## FLOOD CONTROL SYSTEM

### Trinity River Watershed at Dallas 6,050 TOTAL SQ. MI.

Elm Fork Watershed.....	3,366 SQ. MI.
West Fork Watershed.....	2,684 SQ. MI.
Levees (avg. height - 28 FT.).....	30 MI.
East Levee (Downtown Side).....	11.5
MI. West Levee (Oak Cliff side).....	13.4
MI. Rochester Levee.....	5.1 MI.

### Total 53 pumps – 5.3 Billion Gallons Per Day



**Able** (drainage area - 1,813 acres)  
6 pumps – 1,303,200,000 GPD



**Baker** (drainage area - 3,418 acres)  
15 pumps – 1,900,800,000 GPD



**Hampton** (drainage area - 6,355 acres)  
11 pumps – 876,240,000 GPD



**Charlie** (drainage area - 779 acres)  
3 pumps – 123,840,000 GPD

GPM – Gallons Per Minute  
MGD – Million Gallons per Day



**Pavaho** (drainage area - 1,843 acres)  
7 pumps – 666,720,000 GPD



**Delta** (drainage area - 815 acres)  
3 pumps – 129,600,000 GPD



**Rochester** 4 pumps – 122,256,000 GPD  
**Cole Park** 4 pumps – 129,600,000 GPD

### Street Stations/lift stations

11 pumps - six sites - 58,968,000 GPD  
41 Flooded Roadway sites  
88 ALERT sites

<b>6 Pressure Sewers.....</b>	<b>12,841 MGD</b>
Bellevue.....	3,796.8 MGD
Dallas Branch.....	369.7 MGD
Woodall-Rogers.....	1,085.2 MGD
Turtle Creek.....	2,488.1 MGD
Lake Cliff.....	570.7 MGD
Coombs Creek.....	4,530.7 MGD
<b>Creeks.....</b>	<b>115 MI.</b>
<b>Lined Channels.....</b>	<b>48 MI.</b>
<b>Detention/Retention Basins.....</b>	<b>58 ACRES</b>
<b>Storm Sewer Pipe.....</b>	<b>1,800 MI.</b>
<b>Annual operating Budget.....</b>	<b>\$11.2 MIL</b>
<b>Authorized personnel.....</b>	<b>144</b>