



Terms

- Hydrology - the science of water, its properties, phenomena and distribution over the earth
- Hydraulics - a branch of civil engineering that deals with the use and control of flowing water
- 100-Year Flood - a flood event that has a 1% probability of occurring in any given year
- 500-Year Flood - a storm event that has a 0.2% probability of occurring in any given year
- Floodplain - land areas adjacent to rivers and streams that are subject to recurring inundation
- Floodway - the channel or a river or other water course and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height

Houston Flood of Dec 1935

View of Downtown Houston
looking east from Buffalo
Bayou



Houston Flood of Dec 1935

Satsuma in northwest Houston
had 16.49" of rain

Bayous were 52 feet above
normal

2/3 of rural Harris County was
flooded



The map illustrates the Sacramento-San Joaquin River Delta, a complex network of waterways and reservoirs. The Sacramento River flows from the north, while the San Joaquin River flows from the south. The Delta Reservoir is a large body of water in the center. Other notable features include the Delta Reservoir, Delta Reservoir, Delta Reservoir, and Delta Reservoir. The map also shows various bays and creeks, such as the Delta Reservoir, Delta Reservoir, and Delta Reservoir. A north arrow is located in the bottom left corner.

- Rainfall amount
- Distribution of the storm
- Size of the drainage area
- Slope of the terrain
- Type of ground cover
- Type of soil
- Ponding
- Detention

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"Harris County Flood Control Dist. v. Kerr"