

**Imelda, 16-20 September 2019**  
**Annual Exceedance Probabilities (AEPs) for the Highest 12-hour Rainfall Period**

National Water Center  
 Office of Water Prediction, National Weather Service  
 National Oceanic and Atmospheric Administration

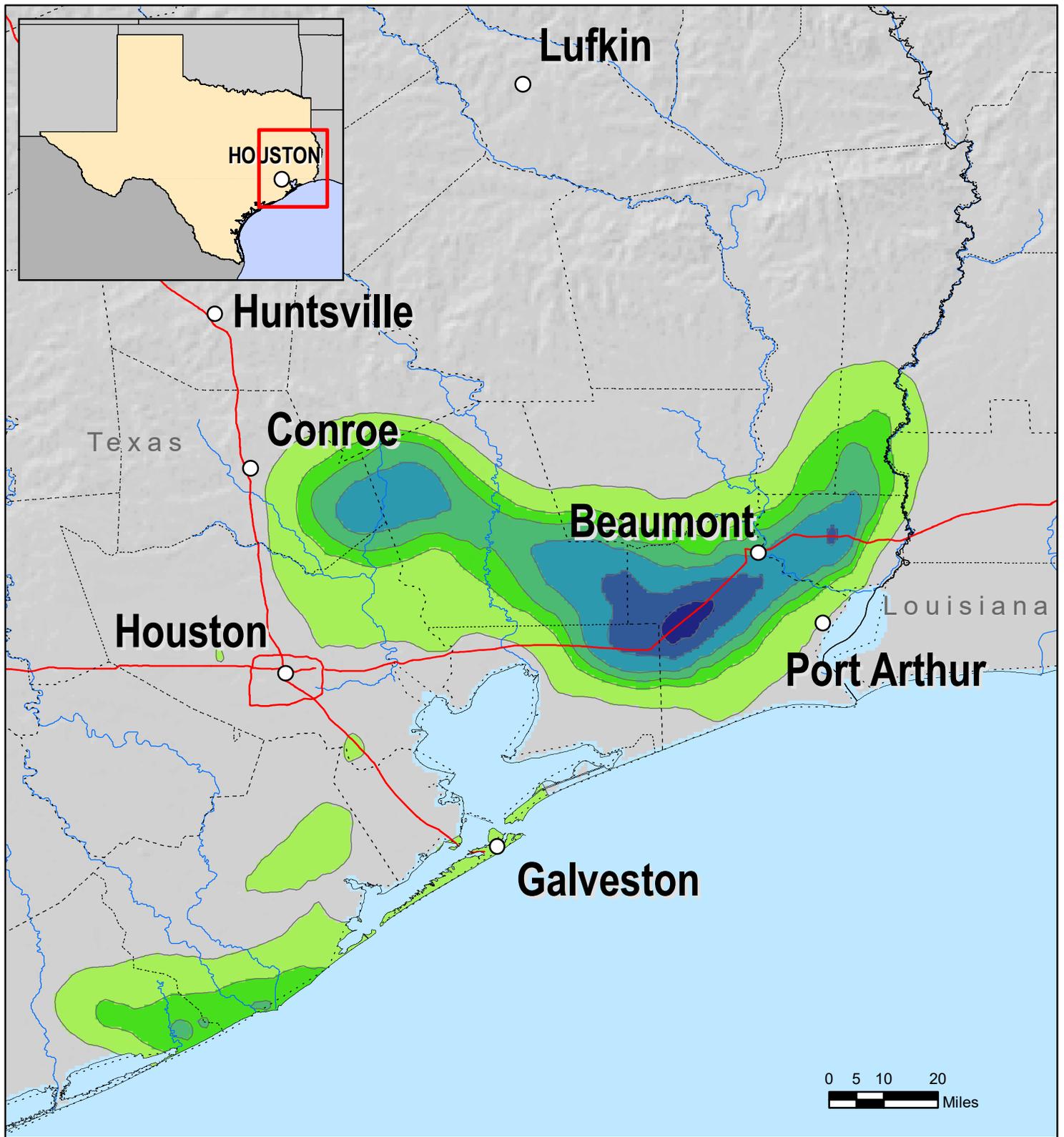
<https://www.nws.noaa.gov/ohd/hdsc/>

Created 20 September 2019.

Rainfall frequency estimates are from NOAA Atlas 14.  
 Rainfall values come from 1-hour Stage IV multi-sensor data.

- > 1/10
- 1/50 - 1/10
- 1/100 - 1/50
- 1/200 - 1/100
- 1/500 - 1/200
- 1/1000 - 1/500
- < 1/1000





**Imelda, 16-20 September 2019**  
**Annual Exceedance Probabilities (AEPs) for the Highest 24-hour Rainfall Period**

National Water Center  
 Office of Water Prediction, National Weather Service  
 National Oceanic and Atmospheric Administration

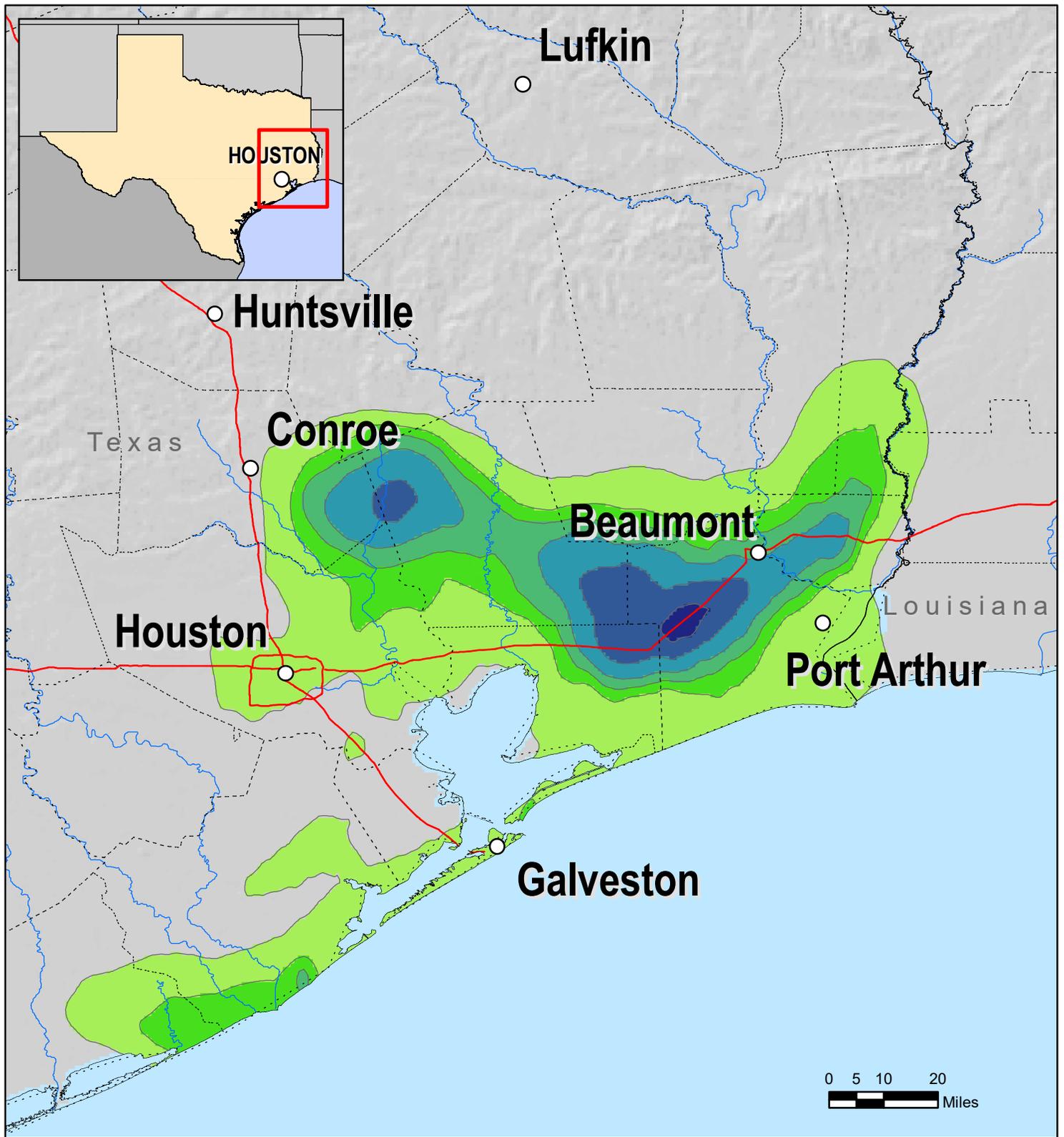
<https://www.nws.noaa.gov/ohd/hdsc/>

Created 20 September 2019.

Rainfall frequency estimates are from NOAA Atlas 14.  
 Rainfall values come from 1-hour Stage IV multi-sensor data.

- > 1/10
- 1/50 - 1/10
- 1/100 - 1/50
- 1/200 - 1/100
- 1/500 - 1/200
- 1/1000 - 1/500
- < 1/1000





**Imelda, 16-20 September 2019**  
**Annual Exceedance Probabilities (AEPs) for the Highest 48-hour Rainfall Period**

National Water Center  
 Office of Water Prediction, National Weather Service  
 National Oceanic and Atmospheric Administration

<https://www.nws.noaa.gov/ohd/hdsc/>

Created 20 September 2019.  
 Rainfall frequency estimates are from NOAA Atlas 14.  
 Rainfall values come from 1-hour Stage IV multi-sensor data.

- > 1/10
- 1/50 - 1/10
- 1/100 - 1/50
- 1/200 - 1/100
- 1/500 - 1/200
- 1/1000 - 1/500
- < 1/1000

