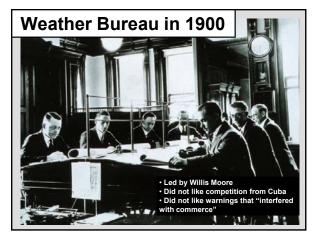


Galveston in 1900

- On an island between G. Bay and the Gulf Actually a sandbar
- Population 37,000 .
- On a par with New Orleans economically
- Competing successfully with Houston Thought to be invulnerable to hurricanes and storm surge .
- •
- surge Despite destruction of Indianola in 1875 and again in 1886 (Matagorda Bay) McKinley was President; OK, NM and AZ were still territories. Victoria was Queen in the UK





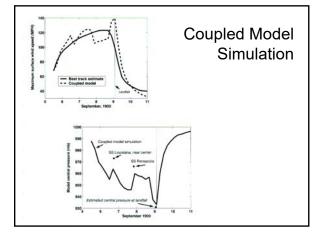
The Hurricane Formed as a Cape Verde Cyclone Struck Hispaniola and Cuba after passing though the Antilles Cuban forecasters knew it would menace the Gulf US forecasters relied on climatology that hurricanes W of 80° generally move north Warmed New Lerson Warned New Jersey Cyclone passed near Key West

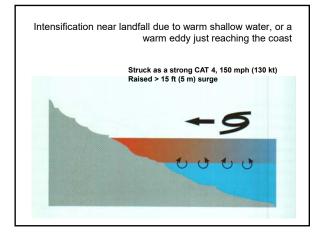
Post-storm reports from SS Louisiana and SS Pensacola

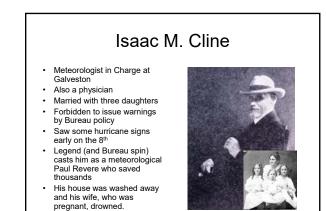
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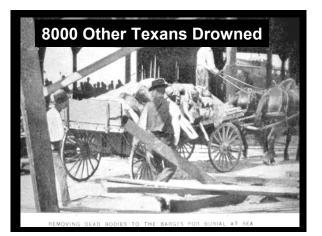
- No marine radios in 1900
- Intensified rapidly over the loop current, weakened, and then (may have) intensified again just before loop fail landfall



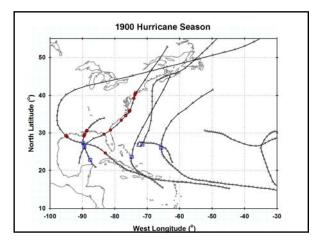


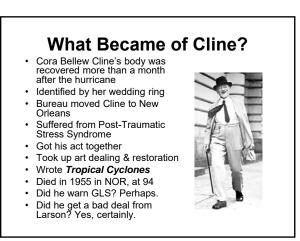












Cline's Tropical Cyclones

- Published in 1926
- First to document deadliness of storm surge Pioneered composite .
- analysis:
- Positioned observations from different times relative to moving storm center
 Invaluable record of early 20th Castrae to reiservations
- 20th Century hurricanes, particularly in the Gulf
- First North American addition built upon Viñes's work.





Other Early 20th Century Seasons

- 1915 :Major hurricanes struck Galveston and New Orleans

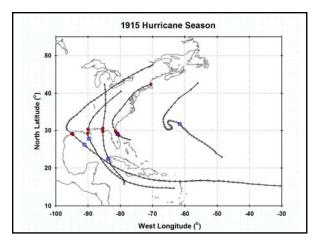
 5 named storms, including 4 hurricanes of which 3 were major
 3 US Landfalls
 Seawall built after 1900 protected Galveston after a fashion
 Still, 275 people died
 Isaac Cline successfully forecast New Orleans/ Burrwood hurricane based upon swell and suce and reports from ships and island observers. Another 275 (?) lives lost

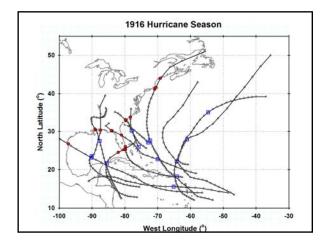
 1916 Season

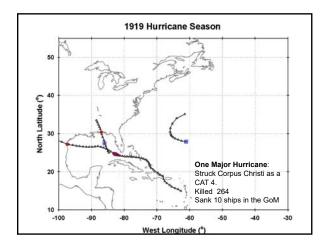
 - Three major hurricanes struck Mobile, Pensacola, and Corpus Christi Total of 14 Named Storms, 11 Hurricanes of which 6 were major – 6 US Hurricane landfalls
 1919 Season

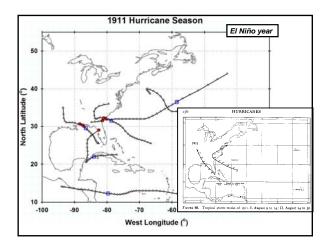
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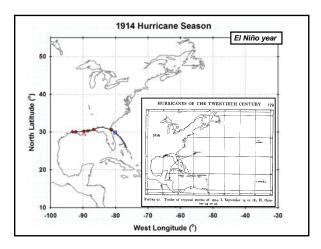
- Only 3 Hurricanes, of which one was major Passed over Dry Tortugas as CAT 4 Sank 10 Ships in the Gulf of Mexico Struck Corpus Christi, also as a CAT 4 Killed 284 in US, plus many more at sea Most intense hurricane documented to date _











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- Summary Summer of 1900, US experienced a heat wave, implying a strong Bermuda High Weather Bureau's conflict with Cubans Cape Verde Hurricane Passed along S coast of Cuba and into the Gulf over Dry Tortugas
- Tortugas Intensified rapidly in Gulf and maybe again at landfall Struck Galveston as CAT 4, night of 8-9 SEP 1900 Weather Bureau in DC completely lost the picture, expected recurvature to threaten NJ 8000 Texans died---worst US natural disaster
- oucu rexans died---worst US natural disaster Isaac Cline may or may not have warned city Cline recovered from trauma and wrote *Tropical Cyclones* • .
- •
- •
- Radio ship reports began in 1910 Devastating 1915,1916 & 1919 Season Suppressed 1911 & 1914 Seasons due to El Niño PAPER TOPICS DUE MONDAY the 18th. •
- •