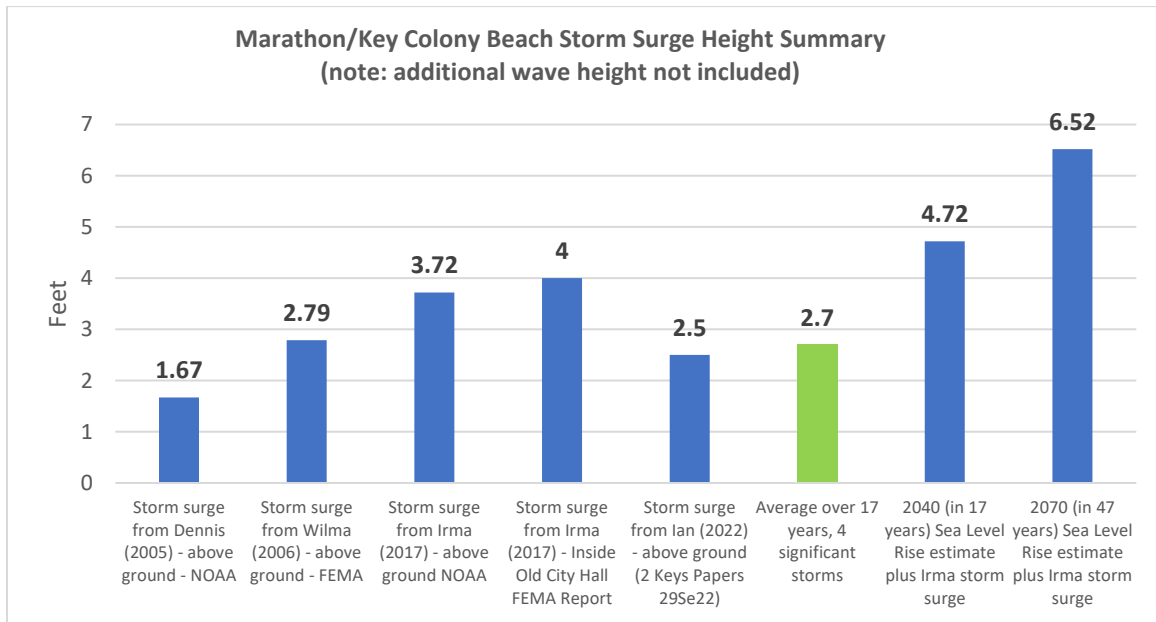


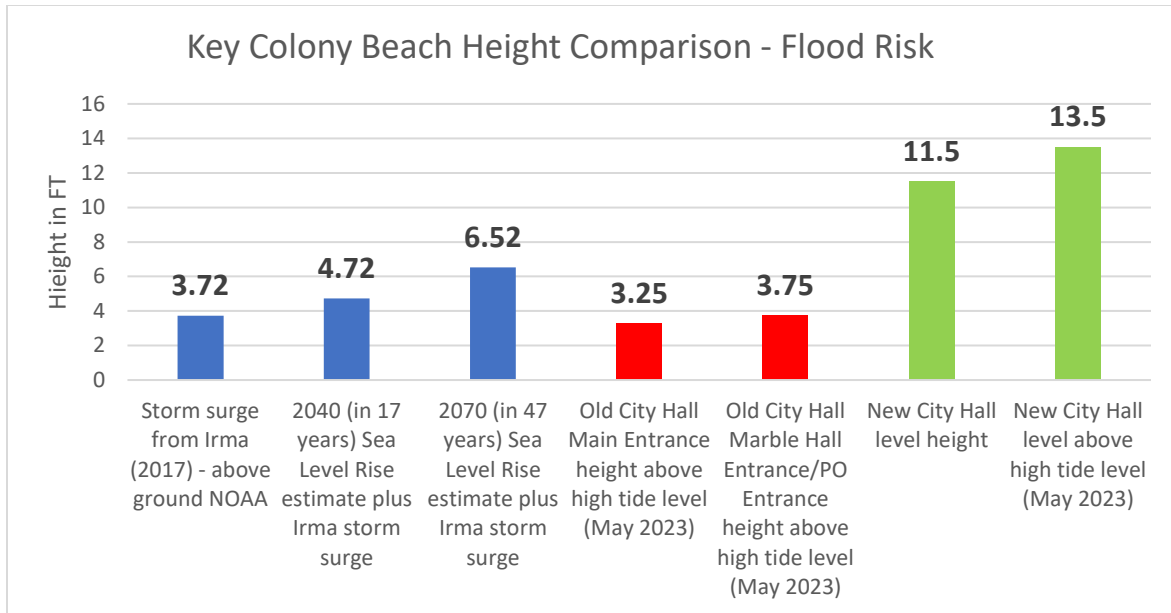
City of Key Colony Beach

Flood Risk – City Hall from Storm Surge – May 18, 2023

✓ **Summarize Storm Surge Heights After Major Storm Events:**

- Below plots summarize actual major storm surge heights, these values do not include the additional water height from wave action driven by hurricane storm winds.





- ✓ Thus, the current City Hall is highly suspect to continued flooding in a major storm event and the flooding risk is aggravated by the expected Sea Level rise data approved by Monroe County for floodplain management.
 - Potential flooding concerns: three entry doors for the Post Office, south and north facing windows.
 - Potential flooding concerns: three entry doors for City Hall, two entrance windows, and a north facing window.
- ✓ New Proposed City Hall height is to the current KCB Building Codes with additional height protection to stay consistent with the Community Rating System (CRS) flood insurance cost saving recommendations. Thus, protecting for flood risk, including the wave action heights expected from hurricane storm winds.