



Hurricane Carla landed in 1961 along the Gulf Coast as a category 4 storm. Producing abnormally high storm surges along open beaches and particularly on the downside of bays; the high watermark near the eye of the storm was recorded at over 22 feet. If a storm of this magnitude were to make a more direct land fall over the Galveston Bay area (as per model shown above), storm surges would likely exceed the levels observed near the Galveston area for Hurricane Carla and certainly the recorded high watermarks from Hurricane Ike, a category 2 storm.

