















change of storm surge heights			
Significant drivers of changing storm surge heights	Recent changes 1967-2008	Possible changes until 2030	Possible changes until 2100
Global mean sea level rise	ca. 2 dm	ca. 1 – 2 dm	ca. 2 – 8 dm
Meteororological short term effects (storms)	none	ca. 0 - 1 dm	ca. 1 – 3 dm
Regional and local sea level change	ca. 2 dm	So far unknown	So far unknown
waves	none	So far unknown	So far unknown
tides	Regionally very different	So far unknown	So far unknown
bathymetry	Regionally very different	So far unknown	So far unknown

See: GKSS, 2009 : Nordseesturmfluten im Klimawandel .GKSS Wissenschaftler fassen aktuellen Forschungsstand zusammen.













