

Storm impact regime

Return period	Conserved ($D_{\text{high}} = 1.9$)	Reef degraded 0.3 m ($D_{\text{high}} = 1.9$)	Reef degraded 1.1 m ($D_{\text{high}} = 1.9$)
1	swash ($R_{\text{high}} < D_{\text{low}}$)	swash ($R_{\text{high}} < D_{\text{low}}$)	collision ($D_{\text{high}} > R_{\text{high}} > D_{\text{low}}$)
3	collision ($D_{\text{high}} > R_{\text{high}} > D_{\text{low}}$)	collision ($D_{\text{high}} > R_{\text{high}} > D_{\text{low}}$)	overwash ($R_{\text{high}} > D_{\text{high}}$)
5	collision ($D_{\text{high}} > R_{\text{high}} > D_{\text{low}}$)	overwash ($R_{\text{high}} > D_{\text{high}}$)	overwash ($R_{\text{high}} > D_{\text{high}}$)
7.5	overwash ($R_{\text{high}} > D_{\text{high}}$)	overwash ($R_{\text{high}} > D_{\text{high}}$)	overwash ($R_{\text{high}} > D_{\text{high}}$)
10	overwash ($R_{\text{high}} > D_{\text{high}}$)	overwash ($R_{\text{high}} > D_{\text{high}}$)	inundation ($R_{\text{low}} > D_{\text{high}}$)
15	inundation ($R_{\text{low}} > D_{\text{high}}$)	inundation ($R_{\text{low}} > D_{\text{high}}$)	inundation ($R_{\text{low}} > D_{\text{high}}$)
30	inundation ($R_{\text{low}} > D_{\text{high}}$)	inundation ($R_{\text{low}} > D_{\text{high}}$)	inundation ($R_{\text{low}} > D_{\text{high}}$)