| | Storm impact regime | |
|---|---|---|
| Return period | Dune degraded reef conserved ($D_{high} = 1.3$) | Reef (1.1 m) and dune degraded ($D_{high} = 1.3$) |
| 1 | swash ($R_{high} < D_{low}$) | overwash ($R_{high} > D_{high}$) |
| 3 | overwash ($R_{high} > D_{high}$) | overwash ($R_{high} > D_{high}$) |
| 5 | overwash ($R_{high} > D_{high}$) | overwash ($R_{high} > D_{high}$) |
| 7.5 | overwash ($R_{high} > D_{high}$) | overwash ($R_{high} > D_{high}$) |
| 10 | overwash ($R_{high} > D_{high}$) | inundation ($R_{low} > D_{high}$) |
| 15 | inundation ($R_{low} > D_{high}$) | inundation ($R_{low} > D_{high}$) |
| 30 | inundation ($R_{low} > D_{high}$) | inundation ($R_{low} > D_{high}$) |