



Salt Lake – climate coastal risk overview

This location has the highest number of private residences potentially inundated with sea level rise (SLR) of 0.2 m and a 1% annual exceedence probability (AEP) storm surge event, compared to all other locations.

There is a risk to private property and environmental assets under the 0.2 m SLR scenario.

There is also a high level of environmental damage under the 0.2 m SLR scenario - inundation of ecological vegetation class (EVC) 302 – 77 hectares. This is the highest compared to other locations.

Therefore, it represents a hot spot, despite not having a high number of risks identified, 6 in total.

Other risks include the potential inundation of the VicRoads road and electricity substation, which arise under the 0.8 m of SLR scenario.

The medium (yellow) and high (orange) risks that have been identified for this location are listed in the table below.

Risk	Asset	SLR scenario	2030	2100
Private dwelling inundated Salt Lake (property numbers 88) ¹	Private	0.2 m	Yellow	Orange
Salt lake lagoon inundated (77 hectares)	Environmental	0.2 m	Yellow	Orange
VicRoads road inundated	Roads and Footpath	0.8 m	Yellow	
Electricity substations inundated (9)	Power-electricity	0.8 m	Yellow	

¹ This rises to potential inundation of 113 properties under the 0.5 m SLR and increases to 139 properties under the 0.8 m SLR scenario.