

2016 June 4 - 7 East Coast Low flood / coastal storm event impact report

- **Ulladulla Harbour foreshore protection** – major erosion of 30metre section at the southern portion of the existing rear harbour revetment and the loss of the tidal beach affecting Park infrastructure.

Potential public risk from shared walkway and beach. Response includes temporary hazard fencing, engagement of geotechnical engineering advice to develop remediation strategy, relocation of Parks infrastructure, beach scraping to assist natural beach recovery



Currarong Beach moderate beach erosion damage along the Currarong beach frontage from Peel St to Abrahams Bosom beach includes 8 beach access ways lost, 3 major stair cases one with viewing platform destroyed. Significant beach sand loss under moderate ocean swell and elevated tide and storm level conditions with damage to Park assets at the Rock Pools and Dolphin Point reserve including a link walking track and boardwalk.

Responses include closure of unsafe Warrain Crescent beach access ways with hazard signage installation on Tuesday 7/6/2016. Removal of staircase debri from the beach, assessment of dangerous trees, beach closure considered, reshaping and stabilisation needed Currarong – foreshore protection works next to boat ramp damaged



Currarong Rock Pools; sand loss and park asset damage



Abrahams Bosom carpark; major debri clean up and Park asset damage



Dolphin Reserve; park asset damage, foreshore erosion



Warrain Crescent; beach access loss, dangerous tree assessment and remediation of Peel St and Curarrong Creek access points



Lake Tabourie

The foreshore boardwalk approximately 80m destroyed during flood with the combined ocean, storm surge impact lifting and breaking apart the aged sub structure beyond repair. Responses included hazard signage temporary fencing with removal of the structure completed on 8/6/2016



Shoalhaven Heads: the River Rd estuary foreshore has minor erosion impacts with the potential for private properties threats since the river flood notch breached allowing significant ocean swell / king tide to enter combining with local flooding.



Shoalhaven Heads beach access were damaged with Beach Erosion warning signs still in place since the 2015 event and contactors engaged to reshape the main beach access points for public safety.



Minor damage to earthen levees along Shoalhaven River. Full inspection of flood mitigation assets continuing.

Mollymook beach the sandstone sea wall at the end of Ocean St was damaged, exposing the gabions at Golf Club frontage, sand blockage of the road stormwater system, creek training walls damaged at north and south ends of the beach.





Culburra Beach, beach access damaged from Ocean St north along the entire beach with some rock outcrops uncovered. Responses include preliminary staff inspection and engagement of contractors to inspect and clear tree debris and reshape beach access points where feasible.



Vincentia, stormwater outlets eroded and erosion fronting shared pathway along Collingwood Beach



Foreshore protection Greenwell Point – minor erosion



Re-inspection of all foreshore protection structures and walking tracks – damages currently unknown, fishing platforms, access ways
Significant clean up of foreshore debris required

