



Murrumarang NSW02.06.01

Regional Setting

The dominant regional processes influencing coastal geomorphology in this region are the humid warm to cool temperate climate, micro-tides, south-easterly Tasman Sea swells, easterly seas, dominantly quartz (terrigenous) sediments with northerly longshore transport in the northern part, and the El Nino Southern Oscillation (driving beach erosion/accretion cycles, cyclone frequency).

Regional hazards or processes driving large scale rapid coastal changes include: East Coast Lows (extra-tropical cyclones), mid-latitude cyclones (depressions), and storm surges (<1m).

This compartment extends from Wasp Head to Three Islet Point.

Justification of sensitivity

Sensitivity rating is a 3.

Other comments

This predominantly rocky compartment, with 11 pocket beaches that occupy 2.5 km (20%) of the shoreline, is not sensitive. However, sand may be lost from some of the beaches, exposing local areas of shingle as sea level rises. Part of the area is in a national park.

Confidence in sources

High confidence.

Additional information (links and references)

N/A