

East Wynyard Seabrook Beach

Sunday 20th March 2022



Penguin Count 7.30AM

- After overnight high tide
- Penguin footprints clear
- No pedestrian footprints
- Entered through gate 3
- Counted 3 penguin footprints between gate 3 and first rock outcrop between gates 3 and 2.
- Counted 38 penguin footprints between first rock outcrop between gates 3 and 2 and gate 1.

Beach Usage Count 1 → 4PM

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|----------|----------|---------------------|----------------|-------------------------------|
| • 1.15PM | 1 person | Fishing near gate 1 | Entered gate 1 | Still Fishing at 4PM. |
| • 2.15PM | 2 people | Walking West | Entered gate 3 | 20 Mins on beach. Left beach. |
| • 2.20PM | 2 people | Walking West | Entered gate 1 | 5 Mins on beach. Left beach. |
| • 2.30PM | 1 person | Standing on beach | Entered gate 2 | 2 Mins on beach. Left beach. |

Current Erosion Situation



Photo 1 – Drain Near Gate 1 2022



Photo 2 – Walkway from Gate 2 2022



Photo 3 – Drain Near Gate 1 2020



Photo 4 - Midway between Gates 1 and 2 2020



Photo 5 - Midway between Gates 1 and 2 2020



Photo 3 – Midway between Gates 1 and 2 2022



Photo 4 – Midway between Gates 1 and 2 2022

The Penguin Habitat from Gates 1 to 3 is unstable.

- From 2005 to 2022 erosion near gate 1 has been significant. In 2005, distance from beach to penguin fence was about 8 metres. Photos 1 & 3 show that this is now about 3 metres. Photo 2 from gate 2 shows the distance from beach to penguin fence is still about 8 metres. Erosion is highest at the Eastern end of the beach.
- At least once a year a king high tide wipes away all the face of the beach bank and shrubbery, with many penguin burrows washed away. Photo 4 shows original shrubbery. Photo 5 shows wash away after a king tide.
- Photos 5 and 6 show the dying off of shrubbery and the diminishing of the penguin habitat as high tides encroach killing the trees.