



# ESTUARYWATCH

## **Thompson Creek**

## **Characteristics:**

Type of Estuary: River
Landscape Zone: Thompson
Catchment Area: 2,795 Ha
Estuary Area: 23.28 Ha
Estuary Length: 5.452 km
River Length: 48.390 km
Mouth Direction: East facing

Mouth State: Intermittently open 144°22'38.2661" E 38°18'10.6451" S

**Distance from** 

**Geelong:** 17.132 km South





## **Supplementary Data:**

Estuary Watch (P-Chem Data / Physical Observations) http://www.estuarywatch.com.au/

Geelong City Council http://www.geelongaustralia.vic.gov.au/

Surf Coast Shire Council http://www.surfcoast.vic.gov.au/

## **Contact Information:**

**Geelong City Council:** 

Phone: 03 5272 5272 ngaustralia.vic.gov.au

Website: www.geelongaustralia.vic.gov.au Email: contactus@geelongcity.vic.gov.au

**Surf Coast Shire Council:** 

Phone: 1300 610 600 Website: www.surfcoast.vic.gov.au Email: info@surfcoast.vic.gov.au





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### **Special Attributes**

#### Zones:

- 88% of the catchment zoned as Rural.
- 4% of the catchment zoned as Public Conservation and Resource.
- 2% of the catchment zoned as Rural Living.
- 2% of the catchment zoned as Environmental Rural Living.
- 4% of the catchment zoned as Public Use, Special Use, Township, Comprehensive Development, Low Density Rural, and Public Park and Recreation.

#### Overlays:

- Environmental significance (covering the entire Thompson Creek and lowland marshes, Lake Modewarre and Brown Swamp).
- Land subject to inundation (Lake Modewarre margins and lowland marshes and floodplain of Thompson Creek).
- Vegetation protection (headwaters of Thompson and Merrigig Creeks).





**Estuarine Vegetation** 

| EVC Name  | Area (Ha)<br>(Approx.) | Geographic<br>Occurrence | Conservation<br>Status |
|---|------------------------|--------------------------|------------------------|
| Coastal Dune<br>Scrub / Coastal<br>Dune Grassland<br>Mosaic | 38.09                  | N/A                      | Depleted               |
| Coastal Alkaline<br>Scrub                                   | 30.80                  | Naturally<br>Restricted  | Endangered             |
| Coastal<br>Saltmarsh / Man-<br>grove Shrubland<br>Mosaic    | 325.96                 | N/A                      | Endangered             |
| Grassy Woodland   | 60.28                  | Common                   | Endangered             |
| Floodplain Riparian Woodland                                | 72.48                  | Naturally<br>Restricted  | Endangered             |
| Plains Grassland  | 69.45                  | Common                   | Endangered             |

### **Key Management Issues:**

<u>Yarra Pygmy Perch</u>: Listed as vulnerable because of widespread habitat degradation within its restricted range. This species is common in only a few places in Victoria but is not known to be abundant. Due to the wide distribution and abundance of Yarra Pygmy Perch in the Thompson Creek catchment, it is likely that the Thompson Creek population is significant in south-eastern Australia.