Metadata
Documentation

transport.nsw.gov.au

Maritime NSW
Coastal Bar

May 2025

Acknowledgement of Country

Transport for NSW acknowledges the traditional custodians of the land on which we work and live.

We pay our respects to Elders past and present and celebrate the diversity of Aboriginal people and their ongoing cultures and connections to the lands and waters of NSW.

Many of the transport routes we use today – from rail lines, to roads, to water crossings – follow the traditional Songlines, trade routes and ceremonial paths in Country that our nation's First Peoples followed for tens of thousands of years.

Transport for NSW is committed to honouring Aboriginal peoples' cultural and spiritual connections to the lands, waters and seas and their rich contribution to society.

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Document control

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Document owner	Director, Maritime Insights and Operations
Approved by	Director, Maritime Insights and Operations, NSW Maritime
Document number	v2.0
Branch	NSW Maritime
Division	Coordinator General

Versions

Version	Amendment notes
v2.0	Inclusion of metadata for Spatial datasets and updated ODI template

1.   Definitions

Term	Definition
csv	(Comma-Separated Values): A plain text file format used to store tabular data, where each line represents a row and columns are separated by commas.
geoJSON	A JSON-based format used to encode geographic data structures such as points, lines, and polygons.
GIS	(Geographic Information System): A system used to collect, manage, analyse, and visualise spatial or geographic data, often used for mapping and decision-making.
JSON	(JavaScript Object Notation): A lightweight data format used for storing and exchanging structured data, commonly used in web applications.
kml	(Keyhole Markup Language): An XML-based file format used to display geographic data in mapping software like Google Earth.
shapefile	A widely used geospatial vector data format for geographic information system (GIS) software, typically containing points, lines, or polygons and associated attributes.

2.   Maritime NSW Coastal Bar

This dataset provides indicative locations of coastal bars as described in the Marine Safety Regulation 2016. Data formats include:

- API
- csv
- geoJSON
- JSON
- kml
- shapefile

The dataset also includes an interactive map which allows for simple querying of the data and provides a visualisation of the locations.

Data is refreshed on a weekly basis.

3. Data Structure

3.1 Coastal Bar API

Field Name	Data Type	Field Description
BAR	String	The name of coastal bar
LOCATION	String	The location of coastal bar
PUBLISH_DATE	Date	Date data last updated as Open Data
SYMBOL	String	Reference to symbol number in the Transport for NSW boating map symbol catalogue

3.1.1   Sample API Feed

```json
{
  "type": "FeatureCollection",
  "features": [
    {
      "type": "Feature",
      "geometry": {
        "type": "Point",
        "coordinates": [
          151.503875,
          -33.343944
        ]
      },
      "properties": {
        "cartodb_id": 348,
        "ref_id": 46,
        "bar": null,
        "crc": "69E3BDF4",
        "publish_date": 20240810,
        "location": "",
        "symbol": null
      }
    }
```

3.2 Sample CSV Feed

BAR_NAME	LOCATION_DESCRIPTION
Brisbane Water	Located near the town of Umina in the vicinity of the confluence of Brisbane Water with Broken Bay and west of the port hand lateral markers
Clyde River	Located near the town of Batemans Bay in the vicinity of the confluence of the Clyde River and Batemans Bay.
Manning River (North)	Located near the town of Harrington in the vicinity of the confluence of the Manning River with the Tasman Sea.
Tuggerah Lake	Located near the town of The Entrance in the vicinity of the confluence of Tuggerah Lake with the Tasman Sea.
Cudgera Creek	Located near the town of Hastings Point in the vicinity of the confluence of Cudgera Creek with the Coral Sea.
Minnamurra River	Located near the town of Minnamurra in the vicinity of the confluence of the Minnamurra River with the Tasman Sea.
Tweed River	Located near the town of Tweed Heads in the vicinity of the confluence of the Tweed River with the Coral Sea.
Sandon River	Located near the town of Sandon in the vicinity of the confluence of the Sandon River with the Coral Sea.
Lake Illawarra	Located near the town of Warilla in the vicinity of the confluence of Lake Illawarra with the Tasman Sea.
Evans River	Located near the town of Evans Head in the vicinity of the confluence of the Evans River with the Coral Sea.
Currarong Creek	Located near the town of Currarong in the vicinity of the confluence of Currarong Creek with the Tasman Sea.
Clarence River	Located near the town of Yamba in the vicinity of the confluence of the Clarence River with the Coral Sea.
Cudgen Creek	Located near the town of Kingscliff in the vicinity of the confluence of Cudgen Creek with the Coral Sea.
South West Rocks Creek	Located near the town of South West Rocks in the vicinity of the confluence of South West Rocks Creek with the Tasman Sea.
Brunswick River	Located near the town of Brunswick Heads in the vicinity of the confluence of the Brunswick River with the Coral Sea.
Killick Creek	Located near the town of Crescent Head in the vicinity of the confluence of Killick Creek with the Tasman Sea.
Sussex Inlet	Located near Jervis Bay and Cudmirrah National Parks in the vicinity of the confluence of Sussex Inlet with the Tasman Sea.
Mooball Creek	Located near the town of Pottsville in the vicinity of the confluence of Mooball Creek with the Coral Sea.
Merimbula Lake	Located near the town of Merimbula in the vicinity of the confluence of Merimbula Lake with the Tasman Sea.
Wonboyn River	Located near the town of Wonboyn in the vicinity of the confluence of the Wonboyn River with the Tasman Sea.
Tomaga River	Located near the towns of Mossy Point and Tomakin in the vicinity of the confluence of the Tomaga River with the Tasman Sea.
Moonee Creek	Located near the town of Moonee Beach in the vicinity of the confluence of Moonee Creek with the Tasman Sea.
Wooli River	Located near the town of Wooli in the vicinity of the confluence of the Wooli River with the Coral Sea.
Mogareeka Inlet	Located approximately 2 km north of the town of Tathra in the vicinity of the confluence of Mogareeka Inlet with the Tasman Sea.
Swansea Channel	Located near the suburb of Swansea in the vicinity of the confluence of Lake Macquarie's Swansea Channel with the Tasman Sea.
Boambee Creek	Located near the town of Toormina in the vicinity of the confluence of Boambee Creek with the Tasman Sea.
Bellinger River	Located near the town of Urunga in the vicinity of the confluence of the Bellinger and Kalang Rivers and the Tasman Sea.
Tuross Inlet	Located near the town of Tuross Head in the vicinity of the confluence of Tuross Lake with the Tasman Sea.
Bonville Creek	Located near the town of Sawtell in the vicinity of the confluence of Bonville Creek with the Tasman Sea.
Crookhaven River	Located near the town of Crookhaven in the vicinity of the confluence of the Crookhaven River with the Tasman Sea.
Wagonga Inlet	Located near the town of Narooma in the vicinity of the confluence of the Wagonga Inlet with the Tasman Sea.
Kianinny Bay	Located near the town of Tathra in the vicinity of the confluence of Kianinny Bay with the Tasman Sea.
Burrill Lake	Located near the town of Dolphin Point in the vicinity of the confluence of Burrill Lake with the Tasman Sea.
Narrawallee Inlet	Located near the town of Narrawallee in the vicinity of the confluence of Narrawallee Inlet with the Tasman Sea.
Lake Conjola	Located near the town of Lake Conjola in the vicinity of the confluence of Lake Conjola with the Tasman Sea.
Manning River (South)	Located near the town of Old Bar in the vicinity of the confluence of Farquhar Inlet with the Tasman Sea.
Korogoro Creek	Located near the town of Hat Head in the vicinity of the confluence of Korogoro Creek with the Tasman Sea.
Macleay River	Located near the town of South West Rocks in the vicinity of the confluence of the Macleay River with the Tasman Sea.
Wallis Lake	Located near the towns of Forster–Tuncurry in the vicinity of the confluence of Wallis Lake with the Tasman Sea.
Corindi River	Located near the town of Red Rock in the vicinity of the confluence of the Corindi River with the Tasman Sea.

3.3 Sample JSON Feed

```
{
            "json_featuretype" : "Maritime_Coastal_Bar",

            "BAR_NAME" : "Brisbane Water",

            "LOCATION_DESCRIPTION" : "Located near the town of Umina in the vicinity of the
confluence of Brisbane Water with Broken Bay and west of the port hand lateral markers",

            "json_ogc_wkt_crs" : "PROJCS[\"GDA2020 / NSW
Lambert\",GEOGCS[\"GDA2020\",DATUM[\"Geocentric_Datum_of_Australia_2020\",SPHEROID[\"GRS
1980\",6378137,298.257222101,AUTHORITY[\"EPSG\",\"7019\"]],AUTHORITY[\"EPSG\",\"1168\"]],PRI
MEM[\"Greenwich\",0,AUTHORITY[\"EPSG\",\"8901\"]],UNIT[\"degree\",0.0174532925199433,AUTH
ORITY[\"EPSG\",\"9122\"]],AUTHORITY[\"EPSG\",\"7844\"]],PROJECTION[\"Lambert_Conformal_Coni
c_2SP\"],PARAMETER[\"latitude_of_origin\",-
33.25],PARAMETER[\"central_meridian\",147],PARAMETER[\"standard_parallel_1\",-
30.75],PARAMETER[\"standard_parallel_2\",-
35.75],PARAMETER[\"false_easting\",9300000],PARAMETER[\"false_northing\",4500000],UNIT[\"me
tre\",1,AUTHORITY[\"EPSG\",\"9001\"]],AXIS[\"Easting\",EAST],AXIS[\"Northing\",NORTH],AUTHORIT
Y[\"EPSG\",\"8058\"]]",

            "json_geometry" : {

                    "type" : "Point",

                    "coordinates" : [ 9702226.3807438351, 4460431.3102175929 ]

            }                               "coordinates" : [ 16687020.7170000002, -
4449231.1493999995 ]

            }
```

3.4 Interactive Map