

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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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 Speed Zone

This dataset provides areas of speed restrictions (in knots) as designated by signs along the NSW waterways.

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 Speed Zone API

Field Name	Data Type	Field Description
Speed_LIMIT_KNOTS	Number	Designated speed limit in knots
REF_ID	Number	Unique feature Identifier
PUBLISH_DATE	Date	Date data last updated as Open Data

3.2 Sample CSV Feed

SPEED_ZONE_ID	SPEED_LIMIT_KNOTS	AREA_NAME	AREA_DESCRIPTION						
SL262	8	Lake Burrendong (Tara Bay) Area	The navigable waters of that part of the Lake Burrendong at Tara Bay lying bet						
SL264	8	Lake Burrendong (Mookerawa Creek) Area	The navigable waters of that part of Lake Burrendong at Mookerawa Creek lyir						
SL292	8	Lake Lyell (Unnamed Creek) North Western Area	The navigable waters of that part of Lake Lyell lying upstream of a line extendi						
SL294	8	Lake Lyell (Farmers Creek) North Eastern Area	The navigable waters of that part of Lake Lyell lying upstream of a line extendi						
SL293	8	Lake Lyell (Sandalls Creek) Western Area	The navigable waters of that part of Lake Lyell lying upstream of a line extendi						
SL290	4	Lake Lyell Southern Area	The navigable waters of that part of Lake Lyell lying upstream of the restricted						
SL299	4	Lake Wyangan (Northern Lake) Area	The navigable waters of that part of Lake Wyangan lying north of a line extend						
SL281	4	Lake Burrinjuck (Woolgarlo West) Area	The navigable waters of that part of Lake Burrinjuck northward of a line exten						
SL279	8	Lake Burrinjuck (Goodradigbee River) Area	The navigable waters of that part of the Goodradigbee River lying upstream of						
SL275	4	Lake Albert (Northern) Area	The navigable waters of that part of Lake Albert lying north of a line from a poi						
SL276	4	Lake Albert (Southern) Area	The navigable waters of that part of Lake Albert lying south of a line from a po						
SL315	4	Lake Mulwala (Yarrowonga East) Area	The navigable waters of that part of Lake Mulwala lying south east of lines en						
SL306	8	Murray River (Corowa downstream) Area	The navigable waters of that part of the Murray River at Corowa enclosed betw						
SL316	4	Lake Mulwala (Doms Corner) Area	The navigable waters of that part of Lake Mulwala within the whole of the inte						
SL317	4	Lake Mulwala (Bourke Street Canal) Area	The navigable waters of that part of Lake Mulwala within the interconnecting						
SL284	4	Lake Eucumbene (Eucumbene Cove) Area	The navigable waters of that part of Lake Eucumbene south of a line commen						
SL288	4	Lake Jindabyne (Taylors Inlet) Area	The navigable waters of that part of Lake Jindabyne north east of a line comm						
SL271	8	Glenbawn Dam (Curra Kieth Creek) Area	The navigable waters of that part of Lake Glenbawn lying north east of a line c						
SL282	4	Lake Burrinjuck (Hume Park - Good Hope) Area	The navigable waters of Lake Burrinjuck northward of a line extending in an e						
SL269	4	Darling River (Wentworth) Area	The navigable waters of that part of the Darling River at Wentworth at its junct						
SL324	4	Murray River (South Albury) Area	The navigable waters of that part of the Murray River at South Albury commen						
SL331	8	Windamere Dam Storage (Eastern) Area	The navigable waters of that part of the Windamere Dam storage Area lying up						
SL268	4	Cudgegong River (Dunns Swamp) Area	The navigable waters of that part of the Cudgegong River upstream of the wall						
SL265	8	Chaffey Dam (Northern) Area	The navigable waters of that part of Chaffey Dam enclosed between the dam						
SL314	4	Murray River (Lake Mulwala) Area	The navigable waters of that part of Lake Mulwala at Mulwala west of a line a						
SL308	8	Murray River (Echuca / Moama East) Area	The navigable waters of that part of the Murray River at Echuca / Moama encl						
SL260	8	Ben Chifley Dam (Campbells River) Area	The navigable waters of that part of Ben Chifley Dam and Campbells River ups						
SL311	4	Murray River (Mildura) Area	The navigable waters of that part of the Murray River lying downstream of a li						
SL322	4	Murray River (Cobram / Barooga) Area	The navigable waters of that part of the Murray River extending 1.5 kilometres						
SL330	8	Toonumbar Dam Area	The navigable waters of the whole of Toonumbar Dam						
SL328	8	Lachlan River (The Sheet of Water) Area	The whole of the navigable waters of the Sheet of Water						
SL309	4	Murray River (Howlong) Area	The navigable waters of that part of the Murray River at Howlong enclosed bet						
SL339	8	Yanga Lake Area	The navigable waters of the eastern portion of Yanga Lake spproximately 2250						

3.3 Sample JSON Feed

```
{
  "json_featuretype": "Maritime_Speed_Zone",
  "SPEED_ZONE_ID": "SL262",
  "SPEED_LIMIT_KNOTS": 8,
  "AREA_NAME": "Lake Burrendong (Tara Bay) Area",
  "AREA_DESCRIPTION": "The navigable waters of that part of the Lake Burrendong
at Tara Bay lying between lines across the bay firstly south west of a line commencing from a point on
the north eastern shore of the Lake Burrendong Sport and Recreation area in a generally east south
easterly direction to the northern extremity of an unnamed point on the opposite shore and secondly
east of a line commencing from that same north eastern shore of the Lake Burrendong Sport and
Recreation area in a gneral south sout east dirction to an unnamed point on the opposite shore",
  "json_ogc_wkt_crs": "PROJCS[\"GDA2020 / NSW
Lambert\",GEOGCS[\"GDA2020\",DATUM[\"Geocentric_Datum_of_Australia_2020\",SPHEROID[\"GR
S
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": "Polygon",
    "coordinates": [
      [
        [ 9499175.0082821865, 4558884.4257230964 ],
        [ 9500093.153711874, 4558308.4919485394 ],
        [ 9500051.3602900226, 4558254.4926463105 ],
        [ 9500030.4343891256, 4558221.4120879769 ],
```

3.4 Interactive Map

