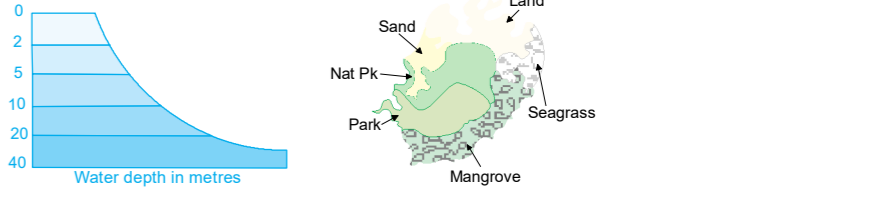


MAP OF
Hunter, Williams and Paterson Rivers
and Newcastle Harbour detail inset

0 300 600 1,200 1,800 2,400 3,000
Metres

- Restricted Activities & Boating Facilities**
- Public Wharf, Jetty or Landing
 - Blue AB1300 - Emerg Police
 - Blue Beehive - Emerg Police
 - Pink Beehive - Public Mooring
 - Yellow AB1300 - Mooring Buoy
 - Yellow Beehive - Mooring Buoy
 - Launching Ramp
 - Caution - Shallow Water
 - Caution - Submerged Rocks
 - Known Seaplane - Operating Area
 - Warning Overhead - Power Cables
 - Sub Surface - Obstructions
 - Visible Wreck
 - All or Power Boats - Prohibited Area
 - Eight Knot Speed - Limit Area
 - Four Knot Speed - Limit Area
 - No Anchoring - Submarine Cable
 - No Towing Zone
 - No Wake Board or Wake Board Boats
 - Personal Water Craft - Prohibited Area
 - Minimise Wash Area
- Navigation Aids**
- Blue light - beacon
 - East cardinal - pipe beacon
 - Lit Port - Beacon with TM
 - Lit Port Buoy - No Top Mark
 - Lit Special Mark - Steel Buoy
 - Lit Starboard - Beacon with TM
 - Lit Starboard - No Top Mark
 - Lit front lead - triangle beacon
 - Lit port beacon - no top mark
 - Lit rear lead - triangle beacon
 - Lit rear lead - triangle beacon
 - Lit starboard - steel buoy
 - Lit starboard - no top mark
 - Port Buoy - No Top Mark
 - Sectorial beacon - white red green
 - Special Mark - Aqua Buoy
 - Special Mark - Conical Buoy NTM
 - Starboard - Aqua Buoy
 - Starboard Buoy - No Top Mark
 - 5th Cardinal - Can Buoy
 - White light - beacon
- Restricted Waters & Line symbols**
- Structure
 - Overhead Cable Crossing
 - Oyster Leases
 - Lead Line
 - Navigation Limit
 - Shipping Channel
 - 4 Knot Zone
 - 6 Knot Zone
 - 8 Knot Zone
 - No Towing of Persons
 - No Wash
- General Information**
- Camping - Ground
 - Caravan - Park
 - Fuel Available
 - Geodetic station
 - Hospital with - Emerg Facilities
 - Hotel
 - Motel
 - Picnic Ground - Facilities
 - Post Office
 - Public - Telephone
 - Public Toilet
 - Tourist Info - Centre or Sign
 - Washdown or - Fish cleaning



DISCLAIMER: This map is not intended to be used for navigational purposes and Transport for NSW - Maritime takes no responsibility for the accuracy of the content herein.

Map Printed: June 2021 © Transport for NSW

NOTE:
Depth ranges have been compiled over time from various sources. They are indicative only and should not be relied upon for navigation.

Most aids to navigation and courtesy & emergency moorings are marked with a 3-digit asset identifier. Please use this number to report faults or your position in an emergency.

Lit or unlit yacht rounding marks (YRM) may exist in this waterway. Symbols as shown on the map do not necessarily reflect actual shapes and colours of the marks used by individual yacht clubs.

Grahamstown Lake
Water storage reservoir
NO BOATING PERMITTED

Nelson Bay Port Stephens
34km.
SEE MAP 7A

WARNING: OVERHEAD AND SUBMARINE CABLES AND PIPES CROSS THESE WATERWAYS AT VARIOUS LOCATIONS AND ARE USUALLY INDICATED BY WARNING NOTICES ON THE SHORE. CAUTION SHOULD BE EXERCISED AT ALL TIME WHILE NAVIGATING IN THE VICINITY OF THESE CROSSINGS.

ON LOWER WILLIAMS RIVER
POWER TURNS ARE PROHIBITED
(which is any turn other than IDLE SPEED)

Vessels MUST NOT be loaded with water or solid ballast, or modified (e.g. wedges) or operated in such a way as to create wash
Drive towards the middle of River
Tow in straight lines only
Keep 30 metres from riverbank when operating at speed
Minimise wash.

Note: This section of the Williams River is subject of a Boating Plan of Management. Major details are shown in orange text. Also refer to the information sign at the launching ramp for full details.

This section between aqua buoys
NO SLOW TOWING.
Water skiing and barefoot skiing only.
Minimise wash.

Note: Global Positioning System check point as shown by GPS* is in WGS 84 co-ordinates to an accuracy of +/- 5 metres.

Equipment should be checked against this point to determine any gross errors prior to any seaward journey. Depending on equipment, errors of up to 30 metres is not uncommon.

Note: Bridge clearance heights shown in RED are in metres above mean high water.

This section water skiing and barefoot skiing permitted

CAUTION: NO TOWING ZONE near Fitzgerald Bridge and Launching Ramp.

Note: Grid Datum is the Geocentric Datum of Australia - 1994, which is approximately equivalent to WGS-84.

A penalty applies for interference damage or mooring against aids to navigation.

Note: HEXHAM BRIDGES
Old Bridge 4.7m closed
Opens on 24 hours notice.
Phone 1300 661 293
New Bridge 10m fixed.
Caution: The Northern entrances to the South Channel are obstructed by a rock barrage.

Caution: The Hunter River South Channel is shallow in places with many unmarked obstructions, and is not considered navigable.

SEE NAUTICAL CHARTS AUS207 and AUS208 or Transport for NSW Coastal Boating Map No.7 for further information.

RESTRICTED AREA
See Warning Note located on INSET 1.

Paterson 11km.
SEE INSET 3.

Warning: Some overhead cables in this area only have 7.0m safe clearance at mean high water.
Note: The Paterson River is generally navigable to Paterson (See Inset 3). NO TOWING OF PERSONS along its entire navigable length. Caution should be exercised due to unmarked navigation hazards and shallow areas.

Normal limit of navigation

No towing of persons allowed.

Warning: Some overhead cables in this area only have 7.6m safe clearance at mean high water.

Launching Ramp shown 4 wheel drive recommended.

INSET 3
0 100 200 400 600 800 1,000
Metres

Normal limit of navigation

Note: Bank erosion is a serious problem in the Williams River. Minimise wash.

This section is FOUR KNOTS (Idle Speed)

This section water skiing and barefoot skiing permitted.

Aqua Buoys

ON UPPER WILLIAMS RIVER

PWC and TUBES are PROHIBITED
Drive towards the middle of River
Drive in a straight line
NO POWER TURNS (which is any turn other than IDLE SPEED)

This section water skiing and barefoot skiing permitted.

This section 4 KNOT ZONE.

Note: Boating is prohibited for 2.4 km. above Seaham weir.

Note: Boating is prohibited between the road bridge and weir.

INSET 2
0 200 400 800 1,200 1,600 2,000
Metres

EMERGENCY
HELIPAD
YXJH
S32 55.4
E151 41.6

John Hunter Hospital