

NSW Government

DEPARTMENT OF NATURAL RESOURCES

Survey of Tidal Limits and Mangrove Limits in NSW estuaries 1996 to 2005



coasts and floodplains



Mangrove lined upper reaches of Deadmans Creek (near Ballina)

Acknowledgements

Prepared by Manly Hydraulics Laboratory [Report No. MHL 1286, Commerce Report No. 03081] for the Department of Natural Resources



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**DEPARTMENT OF NATURAL RESOURCES
SURVEY OF TIDAL LIMITS AND MANGROVE LIMITS
IN NSW ESTUARIES
1996 to 2005**

Report No. MHL1286

**NSW Department of Commerce
Manly Hydraulics Laboratory**

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It is important to note that the tidal and mangrove limits presented in this report have been determined from observations during a specific period of time and should not be used for mean high water boundary definition.

The results may vary with time as a result of changing influences such as mean sea level, entrance conditions and freshwater inflow.

If a watercourse is not included in this list or has been listed as not yet surveyed, it should not be inferred that it is non-tidal.

Foreword

The data presented in this report was collected in NSW estuaries between August 1996 and August 2005 as part of the NSW Department of Natural Resources' Estuary Management Program. This important information will help Estuary Management Committees, Catchment Management Committees, other agencies and institutions, and local communities better manage and understand the coastal zone of New South Wales.

A full set of the raw data collected in the field, field notes and photographs used in the preparation of this report are retained at Manly Hydraulics Laboratory and may be viewed upon application to the Environmental Data Services Manager. These work notes and photographs are stored in MHL archive file no. 1259.

This report was prepared by Mr D Allsop from Manly Hydraulics Laboratory, under the direction of Mr M Fitzhenry from the Estuaries Unit, Coastal, Estuaries and Floodplain Management, Department of Natural Resources.

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1. Introduction

1.1 History of the Estuary Management Program

The NSW Estuary Management Program (EMP) was established in 1992 to help restore and protect estuaries along the NSW coast. The EMP is administered by the Department of Natural Resources (DNR). It targets a broad range of planning and natural resource management issues and engages local communities in the process of managing the coastal zone.

The EMP focuses on the sustainable use, conservation, protection, rehabilitation and improved health of NSW estuaries.

The EMP encourages local communities to take responsibility for managing their own estuaries. In most cases a local council will form an estuary management committee to help it manage all of the estuaries in its council area. Of the estimated 130 significant estuaries in NSW over 75% are managed by these committees. Based on its priorities the committee will then progressively prepare estuary management plans for individual estuaries with local community participation.

DNR provides technical and financial support to estuary management committees that are established by local councils. These committees are made up of representatives from local government and state agencies responsible for managing the estuary's resources, as well as members of the community - local residents, industry representatives, environmental interest groups and researchers.

These stakeholders work together to identify problems in the estuary, evaluate various management options, develop specific actions to address those problems and create and implement a formal management plan to restore and protect the estuary.

1.2 History of Tidal Limits

Historically, tidal limits have been marked on parish maps or topographic maps. They were generally based on a lands surveyor visiting a site and estimating the limit of tidal influence on that particular day. However, there was no detail as to how or when the limits were determined and the information was very sporadic. In some areas many creeks had a tidal limit marked but in other areas no information on the tidal limit was provided.

1.3 No Reliable Tidal Limit Data

At the start of the project the only resources available to MHL were an old listing of tidal limits provided by the Department of Land and Water Conservation (DLWC) and the latest set of 1:25,000 topographic maps produced by Land and Property Information. The listing titled *Description of Tidal Limits for NSW Estuaries* was obtained from the former Lands Department. It contained the names of four hundred and twenty-three 'water features', with a parish and county reference and then a description and file reference. The comments were often obscure, referring to portion numbers and road reserves, and the files could not be traced. Some of the water features are now either known by a different name or the name is now spelt differently.

Therefore, as part of this project cross-references were made between the water features listed in the Lands Department document, old parish maps and the latest topographic maps to ensure that this historical information could be included in the current listing in this report. In the majority of cases the tidal limit was resurveyed by MHL. However, approximately twenty of the water features listed in this historical document were either too small to justify being resurveyed or their ocean entrances were not open at a convenient time. In these cases the data from the original document has been included in this listing but in the date column the word *historical* has been used to indicate its origin. As no other information is available for these watercourses the historical details from the original list have been included in this report.

The tidal information shown on the topographic maps was also not representative in the majority of cases. For instance, the tidal limit on the Clyde River is marked on the topographic map at Shallow Crossing and yet the tidal range at this point is nearly half a metre on spring tides. The tidal limit is actually 4.2 km upstream from Shallow Crossing. On the Manning River local knowledge suggested that the tidal limit occurred at Abbots Falls but it turned out to be at Basin Ford a further 1.6 km upstream.

1.4 Need to Better Define the Tidal Limit

Around 1995 it became apparent that there was no reliable information to accurately define tidal limits for all of the NSW estuaries. During this time there was appreciable growth in community-based estuary management committees preparing and implementing sustainable management plans with the support of the Estuary Management Program. The lack of reliable tidal limit information impacted on the ability of these committees to make informed management decisions. This important data set will also benefit catchment management authorities, other agencies and institutions, and local communities to better manage and understand the coastal zone of NSW.

1.5 Mangrove Limit Definition (Coastal Policy 1977)

A revised NSW Coastal Policy was released in 1997 that provided a new definition of the coastal zone. Mapping of the coastal zone for tidal waters of coastal rivers was based on the limit of mangroves, as defined by NSW Fisheries (1985). However, this survey was only undertaken in a small proportion of NSW estuaries. Therefore, it was decided to also undertake a comprehensive survey of the mangrove limits concurrent with the tidal limit survey. It soon became apparent that it was not efficient to try to do both surveys during the available tides. As a result the bulk of the survey of mangrove limits was undertaken by a separate field team provided by DNR/DIPNR/DLWC who operated independently from MHL who retained responsibility for coordinating the tidal limit survey.

1.6 Water Sharing Plans

As part of the NSW Government's water reform initiative, water sharing plans have been developed for several highly stressed coastal rivers or water sources. In addition, the remaining unregulated coastal rivers and streams will be covered by a macro water sharing plan. For further details refer to the website at www.naturalresources.nsw.au

Water sharing plans establish the rules for sharing water between the environment and water users, and between competing water users. The water sharing plans, once gazetted under the *Water Management Act 2000*, have legal effect for ten years.

The downstream limit of a water source is referred to as the flow reference point. This is the site where daily flow classes are calculated for the purposes of managing water extraction and water sharing. Existing water sharing plans have tended to select the tidal limit as the flow reference point for the water sharing plan.

Opportunistic freshwater extraction from below the tidal limit also occurs in several estuaries. This body of fresh water usually exists downstream of the tidal limit and upstream of the mangrove limit, however the exact downstream limit is highly variable depending on freshwater inflow. Due to its unique characteristics and management issues this area is considered to be a separate water source often referred to as the 'tidal pool'. Water extraction from the tidal pool will be subject to specific flow rules that aim to protect the environmental health of these unique sections of estuaries.

Detailed information about the location of the tidal limit and mangrove limit will greatly assist in determining the boundaries of water sources for the purposes of water sharing plans.

1.7 Potential Indicators of Climate Change

Mangrove communities have unique characteristics that make them suitable for use as potential indicators of changes in coastal conditions, in particular sea level rise associated with climate change.

Recent studies of mangrove distribution and mortality have shown that these coastal ecosystems are highly specialised and that minor variations in the hydrologic, salinity or tidal regimes can cause noticeable changes in their distribution.

Mangroves occur in intertidal ecological conditions that approach their limit of tolerance with respect to the salinity and inundation regimes. Mangrove communities will readjust their distribution to suit the new conditions if the salinity regime changes or the duration of daily immersion is modified either by sedimentation, subsidence or changes to the tidal range.

Wetland reclamation, soil compaction and groundwater extraction may cause localised changes in surface elevation or subsidence that will be reflected in the lateral transgression of mangroves into areas that are predominantly saltmarsh.

The upstream limit of mangrove growth is less likely to be responding to these anthropogenic effects and therefore provides a unique biological indicator of changed salinity gradients and tidal regimes due to alterations to freshwater flows, tidal hydrodynamics, entrance characteristics and sea level rise.

Similarly the location of the tidal limit is likely to migrate upstream as a result of sea level rise and changes to tidal hydrodynamics. Historic baseline information that determines the exact location of the tidal limit will enable future monitoring programs to assess the impacts of sea level rise.

2. Methodology

2.1 Tidal Limits

In early 1996 Manly Hydraulics Laboratory was approached by what was then the Department of Land and Water Conservation to undertake a survey of the estuarine creeks and rivers in NSW to determine their tidal limit.

The aim of the project was to establish a consistent, well-documented survey method that could be repeated in the future. The end result was to be a database of tidal limits that would be used as a reference not just for DLWC but for all people and organisations with an interest in the management of the NSW coastal zone.

2.1.1 Definition of Tidal Limit

For the purpose of this survey a definition of tidal limit had to be adopted and so it was decided that the limit of tidal influence would be the point along the estuary at which the water level no longer responded to the ocean tide. Put simply, the most upstream point at which the water level moved up and down with the tide. This would be the point to which the ocean tidal influence would ultimately penetrate if there was no (or negligible) freshwater flow in the system. After a flood event in a major river it may take one to two months before the freshwater inflow reduced to that of the previous baseflow conditions. In smaller creek systems, after a flood event it may only take one or two weeks for the restoration of the tidal limit.

As the intention was to determine the maximum distance of tidal influence upstream it was decided to only survey on large spring tides at times of low or 'normal' freshwater inflow. Ideally the surveys would have been carried out on only the highest possible tides but this would have been impractical and greatly extended the time taken to complete the project. Therefore, the field trips were planned to coincide with predicted ocean tides higher than 1.80 m ISLW calculated from data recorded at the tide gauge maintained by MHL located at Middle Head in Sydney Harbour. This meant that although a survey may not have been done on the highest predicted tides (approximately 2.00 m ISLW) the difference would be generally not more than 20 cm. The actual difference would be less than this by the time the ocean tide had travelled to the extremities of the estuary. So the threshold of 1.80 m was selected as a compromise between needing to survey the highest tides and having a useful number of tides to work with on any one field trip.

MHL has adopted Middle Head as the primary reference station for obtaining and monitoring tidal data in NSW. MHL provides data for tidal predictions for NSW based on hourly levels published annually (e.g. *NSW Tide Charts* 2006). From these tide charts it can be observed that a 1.8 m ISLW tide will be exceeded some 58 days during the 2006 calendar year. Tidal planes based on one year's data (1 July 2001 to 30 June 2002) from the Middle Head station

are shown in Figure 2.1. The 1.8 m tide used as a basis for the tidal limits in this report is nearly 0.2 m above the level of Mean High Water Springs (MHWS) shown in Figure 2.1. A definition of tidal terms is shown in the Glossary at the end of this report. Please refer to www.naturalresources.nsw.gov.au under NSW Estuaries for further information on tidal behaviour of NSW estuaries.

2.1.2 Selection of Estuaries to be Surveyed

Initially it was decided to only survey creeks and rivers that were longer than two kilometres or had a particularly relevant feature. This was generally how the survey was undertaken although at times shorter, less significant creeks were surveyed because the field crew were on site and they were easy to include. Occasionally, creeks that were expected to only have a short tidal length turned out to be tidal for several kilometres.

2.1.3 Field Surveys

Each field trip was planned after checking the available window of suitable tides and then selecting rivers and creeks in a particular area that met the survey criteria. The historical list was checked for information and the current topographic map was examined for any references to tidal limits. Then with all available information compiled the field team proceeded to the locality. When possible, observations were made of the creek from easy vantage points such as roads and bridges to check for tidal influence. Local residents were often encountered and they were sometimes able to provide useful information. Ultimately, the field team had to assess each creek themselves and make decisions regarding instrument deployments, in light of all the previously acquired information (and misinformation).

Typically two or three water level recorders would be deployed in each creek, one at a downstream location where some tidal influence was assured and then a second (and possibly a third) further upstream where the tidal influence would be somewhat diminished. Figure 2.2 shows a series of photographs taken during the survey of Coolagolite Creek, a tributary of Nutleys Creek that flows into the Bermagui River on the NSW south coast. All instruments were downloaded in the field and the water level data obtained, as shown in Figure 2.3. In the case of Coolagolite Creek the downstream instrument recorded approximately 0.32 m of tidal range and the upstream one was not affected. So, knowing that the tide had risen 0.32 m above the present water level at the downstream site, the creek line between the two locations was inspected for a rise (or series of rises) to determine how far upstream the tide would have reached. It was decided that it would have very nearly got to the upstream site and so it was reasoned that slightly higher tides would have extended to the ford on the creek which was 50 m further upstream. Therefore, the ford was identified as the tidal limit in Coolagolite Creek.

Most creeks only required a set of water level recorders to be deployed for one high tide, but due to a variety of circumstances some needed several deployments to finalise the location of the tidal limit. As the prime objective of the exercise was to determine the limit of tidal influence for each estuary it was not necessary to survey the water level recorders to a common datum (e.g. Australian Height Datum (AHD)). Therefore, no benchmarks were placed as part of this exercise.

2.1.4 Accuracy and Naming Conventions

The stream geomorphology of each river or creek determined how specifically the tidal limit could be identified. For example, in the case of the Colo, Tuross and Bega rivers their sandy beds resulted in a less accurate position for the tidal limit and one that will change more frequently depending on the location of critical shoals. However, in rocky streams the tidal limit was usually at a very specific rise that will maintain its integrity for much longer.

The names used to identify the 787 rivers, creeks, gullies, canals, drains, lakes and lagoons in this report have been taken from the 1:25,000 topographic maps of NSW produced by Land and Property Information NSW (formerly the Central Mapping Authority of NSW). The names were confirmed with the Geographical Names Board of NSW. In many instances there were creeks large enough to be surveyed that did not have names. Therefore, a naming convention was adopted for these by making a reference to the named creek, river, lake or bay that they eventually joined or an obvious local feature. In cases such as this the adopted name is shown in parentheses. For example, the creek that flows into the south west arm of Burrill Lake is referred to as (South West Arm) Creek in the north to south listing in this report and the unnamed creek that flows into Coffs Creek near Shea Street is called (Shea Street) Creek. North, south, east, west and main branch have been used for similar reasons and likewise are always shown in parentheses. This naming convention makes sense when reading through the north to south listing but would probably not be looked for in the alphabetical listing. Therefore, a creek such as (Shea Street) Creek was not included in the alphabetical listing but a creek such as Bull Creek (North) was included.

During the early field trips the locations of the tidal limits were determined by plotting the location on a map and then reading the coordinates of that position from that map. As the Global Positioning System (GPS) became available and more reliable, hand-held GPS units were utilised.

2.1.5 Coordinate System

During the course of the project the official grid used on 1:25000 NSW topographic maps has been updated from the Australian Map Grid (AMG) to the Map Grid of Australia (MGA). This was the result of changing the map datum from the Australian Geodetic Datum 1966 (AGD66) to the Geocentric Datum of Australia (GDA94). The coordinates listed in this report are all shown as MGA. To convert MGA to AMG decrease the easting by 105 m and decrease the northing by 190 m (Land and Property Information NSW - Internet Site). This will produce an accuracy of approximately +/-10 m. There is also a brief description of the location of the tidal limit by referring to local physical features that are unlikely to change. Therefore, the tidal limit in Coolagolite Creek is described as being at 'small rise in creek at ford, 1.9 km upstream from Nutleys Creek'.

During the course of the forty-six field surveys there were many unexpected results and surprises, even for some of the locals who had perhaps lived in the area for sixty years. Perseverance, flexibility, lateral thinking and the dedication to go just another 100 m (no matter how difficult the terrain or how dense the vegetation) has resulted in a very comprehensive, definitive list of tidal limits in NSW.

2.2 Mangrove Limits

2.2.1 Definition of Mangrove Limit

The approach with the mangrove limit survey was fairly straightforward. The mangrove that was growing furthest upstream in each river and creek was located, photographed and its location and description noted (left bank small mangrove 1 m high). Left or right bank follows the convention of when an observer is looking downstream. The species of mangrove was not recorded.

2.2.2 Field Surveys

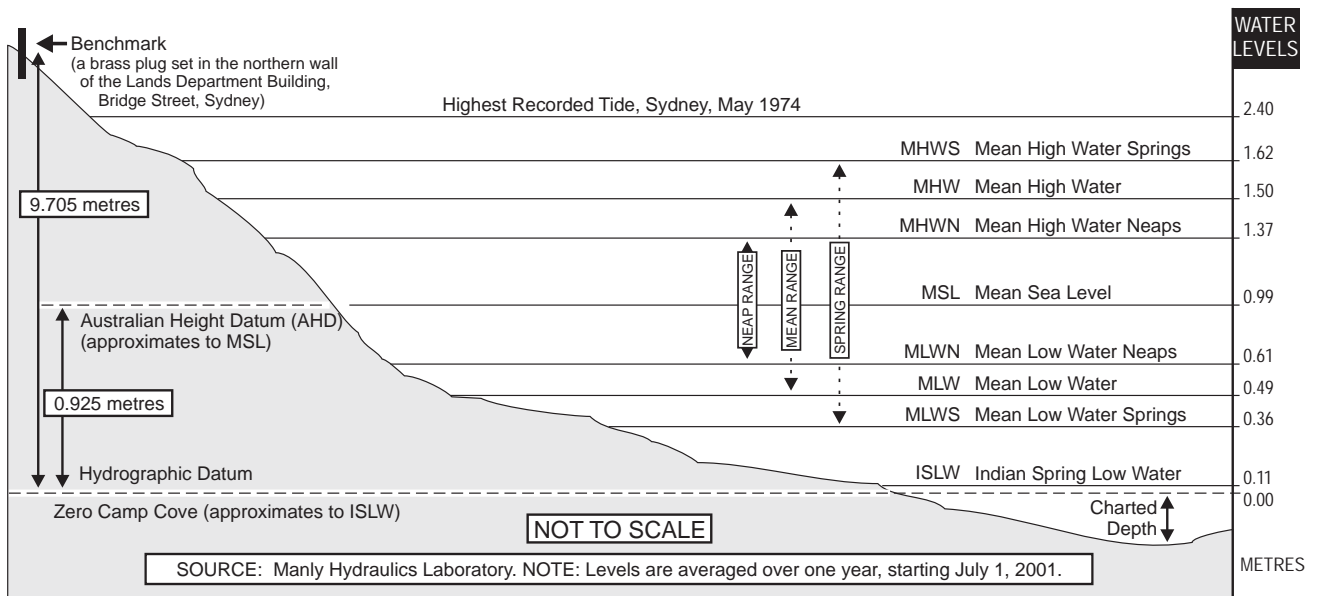
The survey was best done from the water (particularly for the large rivers) but sometimes due to circumstance or logistics the only way it could be done was by land. It was usually done by travelling upstream noting mangroves as they occurred along the banks. As the density thinned out more careful observations were made to determine the most upstream specimen. After tentatively identifying the last mangrove, a section of bank further upstream was checked to confirm that there were indeed no more mangroves further upstream, before returning to the most upstream one and recording its details. If another was found upstream the process was repeated until the mangrove limit was determined.

2.2.3 Accuracy and Coordinate System

It was acknowledged that floods, environmental factors or farming practices (such as drain clearing) could easily remove young mangrove seedlings but it was still considered important to record the presence of the seedlings however temporary their existence may have been.

As with the tidal limits the date and map reference have been recorded as well as a brief description of the location based on local features, which are unlikely to change in the foreseeable future, such as side creeks, bridges and roads. Location coordinates are also given in MGA.

Figure 2.4 shows three photographs that were taken while doing the mangrove limits survey.





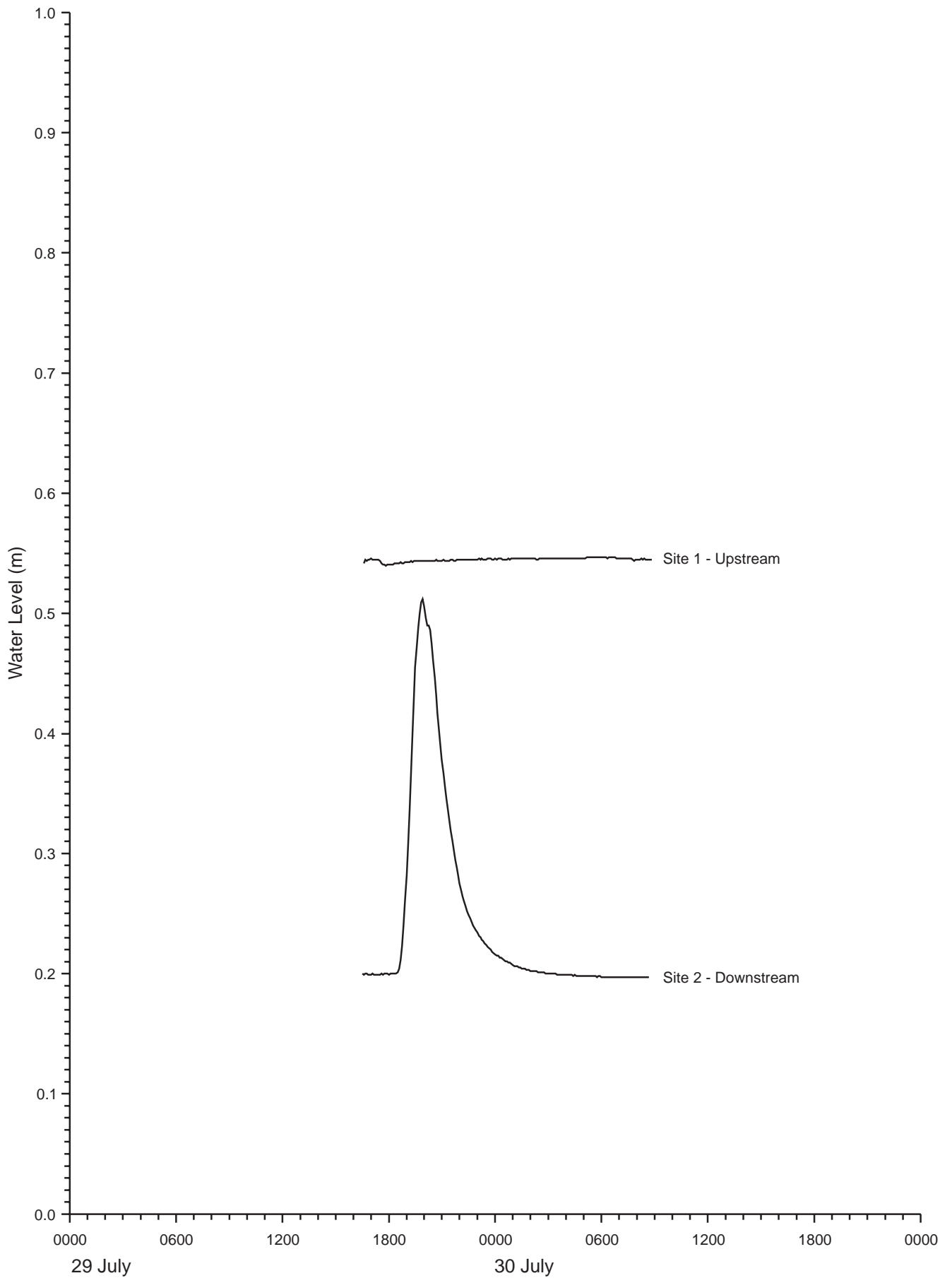
Distant view of downstream site on Coolagolite Creek



Looking downstream towards the upstream site on Coolagolite Creek



Field Officer downloading instrument - ford in background





Field Officer with GPS to position a mangrove from the boat on South West Arm Creek, Port Hacking



Field Officer with GPS to position a mangrove on Williams Creek, Georges River



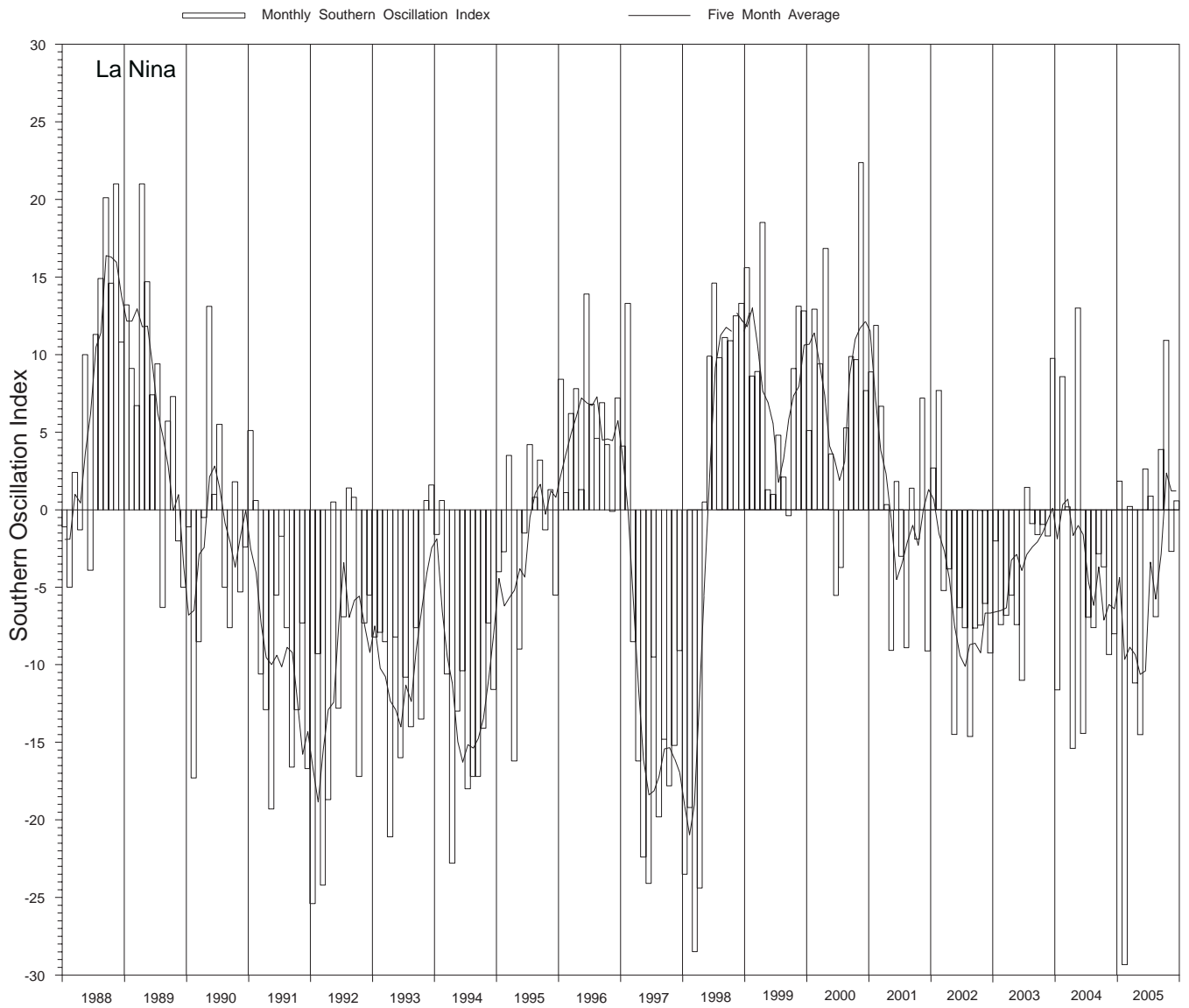
Mangrove seedling on Gunderman Creek, Hawkesbury River

3. Southern Oscillation Index

The Southern Oscillation Index (SOI) gives a simple measure of the status of the Walker Circulation - a major wind pattern of the Asia/Pacific region whose variability has a marked effect on weather conditions in the Southern Hemisphere. The SOI is calculated from the monthly or seasonal fluctuations in the air pressure difference between Tahiti and Darwin. The SOI is the standardised anomaly of the mean sea level pressure difference between Tahiti and Darwin. El Nino is the name given to episodes of the weather circulation where the Pacific trade winds weaken. In Australia this leads to a reduction of the ocean temperatures on the east coast and sometimes drought. La Nina is the name given to the alternate phase of the weather circulation to El Nino. During La Nina episodes the Pacific trade winds are re-established and in Australia, ocean temperatures increase on the east coast. During the La Nina phase higher than average rainfall is experienced in eastern and northern Australia. On the western coast of the Americas the wet/dry climatic effects of the La Nina and El Nino phases are the opposite to those experienced on the east coast of Australia. Positive values of the SOI indicate La Nina events whilst negative values indicate El Nino events. The higher the absolute value of the SOI, the larger the strength of the La Nina/El Nino influence.

The data on the SOI from 1986 to 2005 was obtained from the Bureau of Meteorology's web site (BoM 2003) and is shown in Figure 3.1.

One of the parameters that impacts on the mangrove limit is freshwater inflow. The SOI gives a rough indication of whether the data was collected in a period of higher or lower average rainfall in the region.



4. Tidal Limits

4.1 Tidal Limits North to South Listing

The north to south listing of tidal limits is given in Table 4.1. In this table the rivers and creeks are listed by estuary from north to south down the coast. This means that for any one estuary the tributaries are grouped together and listed in an anti-clockwise direction starting from the one closest to the north side of the entrance and finishing with the one closest to the south side of the entrance.

4.2 Tidal Limits Alphabetical Listing

The alphabetical listing of tidal limits is given in Table 4.2. In this table the rivers and creeks are listed not by estuary but by the first letter of their name. This means that for any one estuary the tributaries are scattered throughout the list and must be looked up individually.

Table 4.1 NSW Tidal Limits - North to South Listing

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Tweed River	Piggabeen Creek	20-22/6/97	Currumbin	56	544890	6882136	16.0	At rock pile in creek, 0.5km WNW of road bridge
	Cobaki Creek	20-21/6/97	Currumbin	56	545615	6880761	14.3	75m downstream from road bridge
	Bilambil Creek	19-20/6/97	Currumbin	56	545540	6877511	14.3	At Hogans Bridge on road to Upper Duroby
	Duroby Creek	19-21/6/97	Currumbin	56	547765	6876816	11.9	Downstream side of rock dam, 100m from Benevis Place on Naponyah Road
	Dulguigan Creek	1/6/00	Murwillumbah	56	-	-	-	Fully tidal as creek now joined to Rous River by flood channels
	Pipeclay Creek	1-2/6/00	Murwillumbah	56	537935	6871196	31.6	Constriction in creek at rear of first house on left in Braemar Place 780m upstream from Dungay Creek
	Dungay Creek	1-2/6/00	Murwillumbah	56	537380	6871231	32.1	Upstream side of right bend in creek, 760m NW from Pipeclay Creek junction
	Rous River	19-20/6/97	Murwillumbah	56	533345	6867977	42.0	Ford 1.7km upstream from Boat Harbour Bridge
	Mayal Creek	13/11/01	Murwillumbah	56	-	-	-	Fully tidal creek connected to Rous and Tweed Rivers
	Tweed River	19-20/6/97	Murwillumbah	56	536755	6864577	35.5	Tide gets to weir, 5.3km upstream from bridge at Murwillumbah
	Dunbible Creek	19-22/6/97	Murwillumbah	56	538945	6861422	32.6	May get a short way upstream from this vicinity
	Condong Creek	14/11/01	Murwillumbah	56	-	-	-	Fully tidal creek connected back to Tweed River via Johnsons Creek
	Bartlets Creek	25/6/02	Murwillumbah	56	-	-	-	Fully tidal creek connected to Main Trust Canal
	Main Trust Canal (South)	25/6/02	Murwillumbah	56	547980	6868756	27.0 ¹	Tide would get 20m upstream from culvert under Hawkens Lane
Main Trust Canal	25/6/02	Murwillumbah	56	-	-	-	Fully tidal canal connected to Bartlets Creek and Leddays Creek	
Leddays Creek	25/6/02	Murwillumbah	56	548780	6872086	16.8	No apparent leakage through floodgates at Pacific Highway	
Cudgen Creek	Cudgen Creek	21/6/97	Cudgen	56	-	-	-	Fully tidal all the way to Cudgen Lake
	Cudgen Lake	21/6/97	Cudgen	56	-	-	-	Fully tidal lake
	Clothiers Creek	14/11/01	Cudgen	56	551605	6866811	13.7	Heavy reed growth starts at this point, 2.2km upstream from Cudgen Lake
	Reserve Creek	14/11/01	Cudgen	56	551755	6865686	13.9	Creek would be tidal all the way to Clothiers Creek Road
Cudgera Creek	Christies Creek	1-2/6/00	Cudgen	56	551980	6862356	5.8	200m upstream from Kaness Road
	Cudgera Creek (West)	1-2/6/00	Pottsville	56	553700	6860267	5.3	Rock barrage 10m downstream of old ford, 1.2km downstream from Cudgera Creek Road
	Cudgera Creek (South)	21-22/6/97	Pottsville	56	554614	6859432	5.0	200m upstream from Cudgera Creek Road, heavy reed growth
Mooball Creek	Burringbar Creek	1-2/6/00	Pottsville	56	550555	6853872	11.1	Large rise in creek near old fig tree, 500m downstream from <i>Cowell Park</i> farm
	Mooball Creek	25/4/02	Pottsville	56	551035	6852277	10.6	Tide stopped by thick reed growth just upstream from old timber bridge which is 1.8km upstream from Burringbar Creek
	Crabbes Creek (West)	1-2/6/00	Pottsville	56	552029	6852027	9.8	470m downstream from upstream bridge on Wooyung Road
	Crabbes Creek (South)	21-23/6/97	Pottsville	56	554029	6852047	8.5	Reed growth would stop tide at Wooyung Road
Brunswick River	Billinudgel Creek	1-2/6/00	Pottsville	56	552704	6848677	2.5	Disperses into wetland at least 800m upstream from Kallaroo Circuit culvert
	Marshalls Creek	22-23/6/97	Brunswick Heads	56	551629	6847112	9.0	120m upstream from Pacific Highway bridge
	Ocean Shores (West)	25/6/02	Brunswick Heads	56	552514	6846002	6.4	Small weir 6m upstream from culverts near end of Terrara Circuit

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Brunswick River	Ocean Shores (South)	25/6/02	Brunswick Heads	56	552914	6845682	5.7	Small weir 4m upstream from culverts under road going to maintenance sheds
	Chinbible Creek	26/6/02	Huonbrook	56	548430	6842122	12.7	Large rise at natural rock weir 70m upstream from bridge on Main Arm Road
	Brunswick River	21-23/6/97	Huonbrook	56	547405	6842037	14.0	100m upstream from causeway on Coral Avenue
	Mullumbimby Creek	1-2/6/00	Huonbrook	56	547980	6840387	14.5	At weir 520m upstream from Poplar Street bridge
	Kings Creek (North)	18-19/7/97	Brunswick Heads	56	549340	6839902	9.4	Heavy reed growth 150m upstream from floodgates, 100m upstream from railway
	Kings Creek (South/Drain)	22-23/6/97	Huonbrook	56	548240	6839412	11.4	At Mullumbimby-Ewingsdale Road
	Simpsons Crk (Wrecking Yard)	26/6/02	Brunswick Heads	56	553509	6837967	9.8	Heavy grass growth stops tide 220m upstream from culverts on road to quarry
	Simpsons Creek (West)	1-2/6/00	Brunswick Heads	56	553014	6836072	11.4	Heavy reed growth starts 80m upstream from railway bridge
Belongil Creek	Simpsons Creek	18-19/7/97	Brunswick Heads	56	554029	6836062	10.6	In this vicinity 125m north from Black Rock Road
	Belongil Creek (East)	18-19/7/97	Byron Bay	56	559154	6830972	3.5	Heavy reed growth 200m upstream from road to Skinners Shoot
Tallow Creek	Belongil Creek (South)	18-19/7/97	Byron Bay	56	558324	6830612	3.5	Tide would not get past this point on road to Skinners Shoot
	Tallow Creek	19-21/7/97	Byron Bay	56	559389	6826447	2.8	Downstream side of road culvert
Richmond River	(Shaws Bay) Creek	15/11/01	Ballina	56	557195	6806992	2.2	Tide would get to this point 50m upstream from road culvert
	Chickiba Creek	15/11/01	Ballina	56	557630	6809537	7.5	Tidal to this vicinity, 2.4km upstream from North Creek
	North Creek	19-21/7/97	Byron Bay	56	-	-	-	Fully tidal creek all the way to Newrybar Drain
	Newrybar Drain	19-21/7/97	Ballina	56	556930	6822462	22.3	100m upstream from culvert
	Deadmans Creek	13-14/11/00	Ballina	56	-	-	-	Fully tidal does not appear to be a closed system, drains connect to North Creek
	Roberts Creek	26/6/02	Ballina	56	553745	6811362	13.9	Tide flows in drain to this vicinity 1.0km upstream from Deadmans Creek
	Fishery Creek	31/5-2/6/00	Ballina	56	552220	6809357	9.3	Tide gets to culvert under Pacific Highway
	Emigrant Creek	20-22/7/97	Ballina	56	550330	6814952	29.5	Small rise in creek, 850m upstream from bridge at Tintenbar
	Maguires Creek	20-22/7/97	Lismore	56	547455	6813312	25.5	Southern end of golf course, 1km upstream from bridge
	Duck Creek	20-21/7/97	Lismore	56	546405	6806367	9.6	550m upstream from bridge
	Bingal Creek	14/11/01	Wardell	56	542255	6796977	22.6	Tide probably gets to this vicinity, 3.7km upstream from Richmond River
	Tuckean Broadwater	21-22/7/97	Wardell	56	537505	6799712	36.7	Tide in Hendersons Drain would disperse into Tuckean Swamp in this vicinity, 6.5km upstream from Bagotville Barrage
	Dungarubba Creek	31/5-2/6/00	Woodburn	56	532520	6791552	38.6	Probably tidal to this vicinity, 875m upstream from bridge on Lismore Road
	Wilson's River	23-25/7/97	Lismore	56	532480	6816612	115.5	Downstream side of bridge, 225m upstream from Coopers Creek
	Coopers Creek	24-25/7/97	Lismore	56	532155	6817742	118.6	Downstream side of ford, 850m NNE from railway bridge
	Terania Creek	23-25/6/97	Casino	56	522455	6818987	119.1	In vicinity of this point, 2.2km upstream from Goolmangar Creek
Goolmangar Creek	24-25/6/97	Casino	56	522420	6817862	118.0	250m downstream from bridge	
Leycester Creek	23-24/6/97	Casino	56	520695	6815537	114.0	2.3km upstream from Terania Creek	

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Richmond River	Pelican Creek	13-15/11/00	Wardell	56	525755	6799437	80.9	2.1km upstream from Ruthven Bridge, 4.6km upstream from Wilsons River
	Walshs Creek (Downstream)	3/8/05	Tatham	56	521109	6800472	80.9	Small rises in creek 1.2km upstream from Richmond River
	Walshs Creek (Upstream)	3/8/05	Tatham	56	514781	6805319	102.5	Not tidal at Tomki Creek junction
	Tomki Creek	3/8/05	Tatham	56	514865	6805563	102.8	Small rocky rise in creek 625m upstream from Richmond River
	Richmond River	18-20/7/97	Casino	56	507930	6807187	114.1	4.0km downstream from Irving Bridge, Casino
	Shannon Brook	13-15/11/00	Tatham	56	514305	6800402	90.2	2.6km upstream from Richmond River
	Spring Creek	3/8/05	Tatham	56	515964	6800004	87.2	Small rises then heavy reed growth 200m upstream from Richmond River
	Sandy Creek	21-22/7/97	Ellangowan	56	522295	6790712	64.4	100m upstream from old timber bridge, heavy reed growth
	Bungawalbin Creek	21-22/7/97	Gibberagee	56	516315	6774197	94.6	Within 200m upstream from Jackybulbin Creek
	Jackybulbin Creek	21-22/7/97	Gibberagee	56	516605	6774192	94.5	Tide would get to this point 100m upstream from Bungawalbin Creek
	Swan Bay	Historical	Woodburn	56	529655	6785362	55.5	Fully tidal, old meander of Richmond River
	Rocky Mouth Creek	Historical	Woodburn	56	529665	6779587	51.0	3.6km upstream from floodgates, not resurveyed due to difficult access
	Boundary Gully	13-14/11/00	Wardell	56	546055	6792797	24.2	Reed growth in this vicinity, 1.3km upstream from Richmond River
	Reedy Creek	13/11/00	Empire Vale	56	-	-	-	Not tidal - tide now stopped by floodgates on Empire Vale Creek
	Empire Vale Creek	13/11/00	Empire Vale	56	549580	6801547	11.9	Tide now stopped by floodgates, 15m upstream from bridge on River Drive
	(Mosquito Creek Canal)	26/6/02	Empire Vale	56	554570	6805017	3.7	No apparent leakage through floodgates near Mobbs Bay
Mosquito Creek	26/6/02	Empire Vale	56	-	-	-	Not tidal - more floodgates where creek enters canal	
Salty Lagoon	Salty Lagoon (Nth Branch Est)	26/6/02	Woodburn	56	542340	6784182	2.1	Small rises in creek 165m upstream from junction
	Salty Lagoon (Nth Branch Nth)	26/6/02	Woodburn	56	542220	6784262	2.1	Small rises in creek 130m upstream from junction
	Salty Lagoon (South Branch)	26/6/02	Woodburn	56	542164	6782327	1.7	Tide disperses into wetland 1.7km upstream from ocean
Evans River	Evans River	21/7/97	Woodburn	56	-	-	-	Fully tidal river all the way to Tuombil Canal
	Tuombil Canal	21-22/7/97	Woodburn	56	532990	6782552	15.4	Tuombil Canal is tidal all the way to Pacific Highway
	Brandy Arm Creek (West)	26/6/02	Woodburn	56	535735	6779502	13.3	Tide disperse into wetland 30m upstream from large rise in creek 325m upstream from junction of branches
	Brandy Arm Creek (South)	26/6/02	Woodburn	56	536040	6778742	14.1	Tide stopped by heavy reed growth 1.1km upstream from junction of branches
	Brandy Arm Creek (East)	26/6/02	Tabbimoble	56	536869	6777957	15.1	Small rises in creek 2.1km upstream from junction of branches
Jerusalem Creek	Jerusalem Creek	10-12/12/97	Tabbimoble	56	535344	6764652	5.0	325m downstream from road crossing
Clarence River	Esk River	Historical	Woombah	56	530744	6763362	29.5	7.0km upstream from Yorkies Gully, not resurveyed due to difficult access
	Yorkies Gully	Historical	Woombah	56	529604	6757187	14.5	1.6km upstream from Esk River
	Jackys Gully	15/11/01	Woombah	56	529204	6754447	12.4	Heavy reed growth 2.8km upstream from Esk River
	Serpentine Channel	27/6/02	Yamba	56	-	-	-	Fully tidal channel open at both ends
	Narho Creek	15/11/00	Yamba	56	524604	6745877	16.9	When floodgates open tide gets to culvert under Nicholsons Lane
	Mangrove Creek	11-12/12/97	Banyabba	56	515684	6751617	37.4	1.9km downstream from Barneys Creek

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Clarence River	Broadwater Creek	23-24/7/97	Maclean	56	509755	6744822	38.1	Bund wall across creek, 1.8km downstream from bridge
	Sportsmans Creek	11-13/12/97	Maclean	56	500824	6736812	49.6	Tide gets past barrage 3.5km upstream from Clarence River and would probably reach at least to this point, 3.7km downstream from railway bridge
	Reedy Creek	-	Tyndale	56	504544	6735197	45.7	Not surveyed but would be tidal to Teal Lagoon
	Woody Creek	11-13/12/97	Tyndale	56	506304	6734702	44.8	Disperses into wetland in this vicinity, 2.6km upstream from Sportsmans Creek
	Southgate/Alumy Creek	23/7/97	Tyndale	56	503264	6726057	51.0	Tide stopped by weir 100m from Clarence River
	Carrs Creek	16/11/01	Grafton	56	491729	6721587	75.2	Tidal to this point 4.5km upstream from Clarence River
	Whiteman Creek	22-24/7/97	Copmanhurst	56	485479	6727937	95.5	1.7km downstream from Old Copmanhurst Road bridge
	Clarence River	22-23/7/97	Copmanhurst	56	478104	6726362	109.5	Tide stopped by rocky rapids at Copmanhurst
	Orara River	13/12/97	Grafton	56	480979	6713533	121.6	Tidal to vicinity of Munns Creek, 2.1km downstream from Bawdon Bridge
	Alipou Creek	15/11/00	Grafton	56	494754	6714517	66.3	Earth wall (levee bank) 200m upstream from Clarence River
	Swan Creek	Historical	Grafton	56	498389	6719087	59.9	At floodgates 20m upstream from Clarence River
	Poverty Creek	15/11/01	Maclean	56	516679	6740422	-	Some leakage through floodgates at this point but creek connects back to river via Poverty Creek drain at 513440E 6738520N, so no real tidal limit
	Niarga Creek	15/11/01	Maclean	56	515749	6739902	29.4	Could get to this vicinity on main creek, 750m upstream from Poverty Creek
	Camp Creek	15/11/00	Maclean	56	518384	6740092	26.7	Floodgates 5m downstream from bridge
	Sweeneys Creek	15/11/00	Tucabia	56	505454	6719912	18.7	If floodgates near Briner Bridge are open tidal to here on Possum Hole Lane 1.75km north of Deep Creek Road, 3.7km upstream from Coldstream River
	Chaffin Creek	15/11/00	Tucabia	56	512029	6718287	16.8	Does not appear to be tidal at this point at bridge on Tucabia Road
	Coldstream River	11-12/12/97	Tucabia	56	508804	6714197	65.2	At floodgates 0.6km upstream from The Forks
	James Creek	15/11/01	Maclean	56	522954	6742012	22.4	Heavy reed growth stops tide at this point 3.1km upstream from Clarence River
Shark Creek	11-13/12/97	Tyndale	56	518214	6728787	41.9	Tidal to this point then probably disperses in Tyndale Swamp 2.2km upstream	
Wooloweyah Lagoon	12/12/97	Brooms Head	56	529804	6733637	19.9	Lagoon is tidal, no major creeks drain into lagoon	
Lake Arragan	Lake Arragan	-	Brooms Head	56	-	-	-	Not done yet - entrance usually closed
Cakora Lagoon	Cakora Lagoon (North Branch)	27/6/02	Brooms Head	56	532039	6727012	2.1	Small rises in creek 2.1km upstream from ocean
	Cakora Lagoon (South Branch)	-	Brooms Head	56	-	-	-	Would be tidal but no survey attempted due to heavy reed growth in lagoon
Sandon River	Toumbaal Creek	11-13/12/97	Sandon	56	529804	6719737	8.8	100m downstream from old bridge
	Candole Creek	14-15/12/97	Sandon	56	526454	6717697	9.7	At rocks 4.5km upstream from Sandon River
	Sandon River	14-17/12/97	Sandon	56	524739	6713262	14.7	9.0km upstream from Candole Creek
Wooli Wooli River	Bookram Creek	14-15/12/97	Pillar Valley	56	522839	6704127	17.0	125m north of bridge on Wooli Road
	Matenga Creek	14-16/12/97	Pillar Valley	56	521414	6703117	14.9	Tide would get to within 20m of bridge on Wooli Road

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Wooli Wooli River	Corkscrew Creek	3/6/00	Pillar Valley	56	521629	6702632	13.7	Tide gets to this vicinity, 925m upstream from Bookram Creek
	Woodduck Creek	31/1/01	Pillar Valley	56	521124	6701857	14.0	2.3km upstream from Bookram Creek
	Musicians Creek	Historical	Pillar Valley	56	519279	6700272	14.5	Expected to be 1.2km upstream from Wanderer Creek, not resurveyed
	Wanderer Creek	14-16/12/97	Pillar Valley	56	519729	6699477	14.1	50m downstream from ford on Colletts Crossing Road
	Wooli Wooli River	14-16/12/97	Pillar Valley	56	520379	6698137	17.0	Tide could probably get to downstream side of ford
	Barcoongere River (Main)	16/12/97	Red Rock	56	519179	6693727	17.9	3.9km upstream from Wooli Wooli River
	Barcoongere River (East)	20/5/03	Red Rock	56	519764	6692632	18.9	Reedy rises in creek 1.5km upstream from main branch
Station Creek	Unnamed Creek	27/6/02	Red Rock	56	523689	6687963	2.7	Rises in creek then heavy reed growth 100m upstream from Station Creek
	Cabbage Tree Creek	16/11/01	Red Rock	56	522929	6688758	5.8	1.6km upstream from Station Creek
Station Creek	Station Creek	15-17/12/97	Red Rock	56	522129	6688013	6.4	Heavy reed growth upstream from this point, 5.6km upstream from entrance
Corindi River	(Green Hills) Creek (North)	6/9/02	Red Rock	56	522599	6684058	8.3	Rise in creek then no creek 575m upstream from Corindi River
	(Green Hills) Creek (West)	6/9/02	Red Rock	56	522519	6684048	8.3	Rises in creek then grass 575m upstream from Corindi River
	(Jewfish Point) Creek	6/9/02	Red Rock	56	520904	6684888	2.5	Tide disperses into wetland in this vicinity 950m upstream from Corindi River
	Saltwater Creek	15-17/12/97	Red Rock	56	518829	6685873	8.3	75m upstream from Dirty Creek
	Dirty Creek	Historical	Red Rock	56	518804	6685813	8.2	Would be tidal at least a short distance from Saltwater Creek, not resurveyed
	Redbank Creek	16/11/01	Woolgoolga	56	517959	6680903	10.0	Small rise in creek, 1.1km upstream from Corindi River
	Mullett Creek (West Branch)	27/6/02	Red Rock	56	518834	6683708	4.6	Tide disperses into wetland 3.3km upstream from Jewfish Point
	Mullett Creek (South Branch)	6/9/02	Red Rock	56	519729	6682703	3.4	No defined creek tide disperses in saltmarsh 2.1km upstream from Jewfish Point
	Corindi River	15-17/12/97	Woolgoolga	56	518469	6678818	12.3	Tide would not get past large rise in creek under bridge
Pipe Clay Lake	Pipe Clay Lake (North Branch)	28/6/02	Woolgoolga	56	519909	6679078	0.38	Tide would probably get to this vicinity 375m upstream from ocean
	Pipe Clay Lake (South Branch)	28/6/02	Woolgoolga	56	519594	6678323	0.85	Heavy reed and grass growth would stop tide 10m upstream from footbridge
Arrawarra Creek	Arrawarra Gully (North)	28/6/02	Woolgoolga	56	518594	6676248	2.2	Small rises in creek with reeds and grass growth 20m downstream from pond at rear of caravan park, 1.4km upstream from Arrawarra Gully
	Arrawarra Gully	3/6/00	Woolgoolga	56	517924	6675393	2.0	Not tidal at this point on downstream side of Pacific Highway
	Arrawarra Creek	16/11/01	Woolgoolga	56	517824	6673908	1.9	Dry rocky rise in creek, 450m upstream from Little Arrawarra Gully
	Little Arrawarra Gully	22-23/6/98	Woolgoolga	56	517919	6673253	2.4	150m downstream from Pacific Highway
Darkum Creek	Darkum Creek	28/6/02	Woolgoolga	56	518159	6671433	2.6	Small rise in creek were left bank side creek comes out from highway culverts
	Halls Creek	28/6/02	Woolgoolga	56	518209	6671333	2.5	Very large gradual rise in creek 100m upstream from Darkum Creek
Woolgoolga Lake	(Cemetery) Creek	6/9/02	Woolgoolga	56	518589	6669983	0.85	Rises in creek 50m upstream from footbridge on lake walking track
	(High School) Creek	6/9/02	Woolgoolga	56	518334	6669748	1.5	Rises in creek 120m downstream from NE corner of tennis courts
	Poundyard Creek	22-23/6/98	Woolgoolga	56	518194	6669438	1.6	Tidal to Pacific Highway
	Woolgoolga Creek	22-23/6/98	Woolgoolga	56	517854	6669073	2.7	Rocky rise in creek 440m upstream from Pacific Highway

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Woolgoolga Lake	Woolgoolga Creek (South)	16/11/01	Woolgoolga	56	518729	6668888	2.1	Rise in creek at Bultitude Road culverts
(Flat Top Point) Creek	(Flat Top Point) Creek	16/11/01	Moonee Beach	56	-	-	-	Not done yet - entrance usually closed
Hearns Lake	Double Crossing Creek	3/6/00	Moonee Beach	56	518094	6666088	1.8	Entrance usually closed but expect tide to get to Graham Drive (old Highway)
	Hearns Lake (South)	24/8/05	Moonee Beach	56	518881	6665240	2.0	Small rise in creek then grass cover
Fiddamans Creek	Fiddamans Creek	16/11/01	Moonee Beach	56	-	-	-	Not done yet - entrance usually closed
Moonee Creek	Moonee Creek	22-23/6/98	Moonee Beach	56	517179	6661568	7.3	Within 250m upstream from this point due west of Look at Me Now Headland
	Skinner's Creek	3/6/00	Moonee Beach	56	514474	6660438	5.0	Not tidal at this point on downstream side of Pacific Highway
	Cunninghams Creek	3-4/6/00	Moonee Beach	56	513954	6659078	3.1	Tidal at Pacific Highway but not tidal at this point on Hoys Road
	Sugar Mill Creek	3/8/05	Moonee Beach	56	514559	6657514	1.1	Large rise in creek 750m upstream from Moonee Creek
Pine Brush Creek	Pine Brush Creek	15/11/00	Coffs Harbour	56	512914	6653373	1.0	At road crossing 200m downstream from Pacific Highway
Jordans Creek	Jordans Creek (North Branch)	28/6/02	Coffs Harbour	56	513544	6651178	0.23	Under building 225m upstream from ocean
	Jordans Creek (South Branch)	28/6/02	Coffs Harbour	56	513324	6650888	0.65	Rise in creek and grass growth would stop tide by bridge on Cutter Drive
Coffs Creek	(Shea Street) Creek	5/9/02	Coffs Harbour	56	512659	6648358	0.93	Tide gets to this point 15m upstream from culvert on right bank
	(Orlando Street) Creek	5/9/02	Coffs Harbour	56	512414	6649413	4.1	Small rise under footbridge on downstream side of Orlando Street
	(Middle) Creek	5/9/02	Coffs Harbour	56	512249	6649768	4.3	Heavy reed growth starts here 35m downstream from Pacific Highway
	(Melittas) Creek	5/9/02	Coffs Harbour	56	511894	6649423	4.0	Rises in creek up to second set of pipes upstream from Pacific Highway
	Coffs Creek	22-24/6/98	Coffs Harbour	56	510469	6648603	6.8	100m upstream from new bridge on Scarba Street
	Carralls Gully (West)	5/9/02	Coffs Harbour	56	511364	6648158	5.2	Tide would disperse into four culverts near corner of Vernon and Duke Streets
	Carralls Gully (South)	5/9/02	Coffs Harbour	56	511564	6648048	5.0	Slight rise into long culvert under Curacao Street
	(Jaycees Park) Drain	5/9/02	Coffs Harbour	56	512574	6647373	1.5	Large range at this point at downstream end of long culverts under High Street
Boambee Creek	Newports Creek	23-24/6/98	Coffs Harbour	56	508614	6646588	8.2	Old concrete weir 600m upstream from Pacific Highway
	Boambee Creek	23-24/6/98	Coffs Harbour	56	506704	6643953	7.1	140m upstream from bridge on Lindsays Road
	Cordwells Creek	23-24/6/98	Coffs Harbour	56	506959	6642928	7.3	At weir, at rear of 21-23 Avonleigh Drive
Bonville Creek	Middle Creek	3-4/6/00	Coffs Harbour	56	509024	6641458	2.7	Large rise in creek starts 10m downstream from Hulberts Road
	Bonville Creek	23-25/6/98	Coffs Harbour	56	503369	6640048	10.4	1.4km upstream from Pacific Highway
	Pine Creek	22-24/6/98	Raleigh	56	503564	6637198	13.2	600m downstream from Pacific Highway
Bundageree Creek	Bundageree Creek	6-8/2/01	Raleigh	56	505464	6632888	3.6	Entrance usually closed but when open tide probably gets 3.6km from entrance
Bellinger River	Manarm Creek	12-15/11/00	Raleigh	56	500829	6633033	10.3	In vicinity of old timber bridge, 2.0km upstream from Bellinger River
	Hydes Creek (North)	3-4/6/00	Bellingen	56	493804	6631263	22.0	Reed growth would stop tide by this point, 900m upstream from Slarkes Bridge
	Hydes Creek (West)	3-4/6/00	Bellingen	56	492224	6630788	22.3	Tide would be stopped by reed growth, 150m upstream from Constables Bridge
	Bellinger River	24-25/6/98	Bellingen	56	489464	6632333	26.1	At gravel bar, 1.6km upstream from Bellingen Bridge

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Bellinger River	Boggy Creek	12-15/11/00	Raleigh	56	500404	6628058	9.1	Tide would get to this vicinity 50m downstream from corner of South Arm Road and Pacific Highway
	Kalang River	8-9/8/98	Missabotti	56	489569	6625763	25.1	Small rise in river, 700m upstream from bridge at Brierfield
	Picket Hill Creek (West)	8-9/8/98	Missabotti	56	496729	6622313	18.1	Still tidal at this point but not 400m upstream at Stables Road
	Picket Hill Creek (East)	24-25/6/98	Missabotti	56	497064	6622908	17.6	Tide gets to this point, 550m upstream from bridge on Martels Road, then disperses into wetland
	Pipeclay Creek/Urunga Lagoon	3/6/00	Wenonah Head	56	501594	6623688	3.3	Tide gets to rear of 21 Odalberree Drive, 500m upstream from railway bridge
Dalhousie Creek	Dalhousie Creek	7-8/2/01	Wenonah Head	56	501774	6621668	2.3	325m downstream from Osprey Drive, entrance usually closed
Oyster Creek	McGraths Creek	7-8/2/01	Wenonah Head	56	501654	6620383	2.9	Entrance usually closed but when open tide gets 375m upstream from railway bridge
	Oyster Creek	7-8/2/01	Wenonah Head	56	500589	6616648	2.7	Entrance usually closed but when open tide gets to vicinity of old timber crossing, 2.4km upstream from railway bridge near entrance
Deep Creek	Deep Creek (North Arm)	24/6/02	Missabotti	56	500004	6615148	3.0	Tide disperses into wetland upstream from this point 1.8km from Deep Creek
	Deep Creek	25-26/6/98	Missabotti	56	496744	6615738	9.3	110m upstream from bridge on Sullivans Road - need to check
	Cow Creek	23/5/01	Missabotti	56	497534	6612953	5.5	Limit would be at second rise in creek, 100m upstream from Pacific Highway
	Boggy Creek	23/5/01	Macksville	56	497274	6612058	6.3	Near small left bank side creek, 750m due west of Pacific Highway bridge
	Cedar Creek	25-26/6/98	Macksville	56	497619	6611113	6.6	200m upstream from bridge, 100m downstream from Pacific Highway
Nambucca River	Bellwood Creek	16/11/01	Macksville	56	498869	6609438	3.3	Large rise in creek then disperses in wetland 300m upstream from Swampy Crk
	Swampy Creek	16/11/01	Macksville	56	498569	6609098	3.4	Small rise in creek then heavy reed growth, 350m upstream from Bellwood Crk
	Teagues Creek	16/11/01	Macksville	56	498159	6607963	3.9	Tide would disperse into wetland 625m upstream from Nambucca River
	Watt Creek	16/11/01	Macksville	56	495909	6605188	7.6	At start of new drainage works, 1.8km upstream from Nambucca River
	Newee Creek	8-9/8/98	Macksville	56	494459	6607103	18.8	100m upstream from a point due west of Millicent Farm
	Nambucca River	8-9/8/98	Macksville	56	486114	6610388	30.7	250m upstream from Lanes Bridge at Bowraville
	Blackbutt Creek	4-6/6/00	Macksville	56	489914	6605163	17.4	Small rise in creek, 1.2km upstream from H. H. Mattick Bridge
	Rhones Creek	24/6/02	Macksville	56	485464	6602478	27.0	Small rises in creek at farm crossing 500m upstream from Welshs Creek
	Welshes Creek	24/6/02	Macksville	56	485014	6602233	26.8	Small rises in creek 675m upstream from Taylors Arm
	Taylors Arm	8-9/8/98	Macksville	56	483429	6599588	31.8	At mid-stream island, 1.6km upstream from Boat Harbour Bridge Utungun
	Tilly Willy Creek	4-6/6/00	Macksville	56	491194	6601953	14.7	Disperses into wetland/saltmarsh, 1.6km upstream from Nambucca River
	Warrell Creek	8-9/8/98	Eungai	56	488754	6594613	33.5	250m upstream from Starlight Creek, 600m downstream from Pacific Highway
	Way Way Creek	23/5/01	Eungai	56	493809	6598268	20.9	Rise in creek 100m north of Clayholes Road, 600m upstream from Warrell Crk
Macleay River	Macleay Arm	9-10/8/98	Eungai	56	499554	6593498	15.5	Tide would stop within 150m upstream of bridge on road to Grassy Head

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Macleay River	Borirgalla Creek	12-17/11/01	Eungai	56	496459	6586588	12.2	Reed growth starts here 2.4km downstream from Barraganyatti Creek
	Clybucca Creek	9-10/8/98	Clybucca	56	496444	6576633	17.2	Floodgates at this point 1.6km downstream from Pacific Highway, any leakage would disperse into network of creeks and drains above floodgates
	Christmas Creek	9-10/8/98	Kempsey	56	484404	6565088	42.6	Floodgates near Frederickton leak and tidal influence extends at least to this point, 2.8km upstream from railway bridge
	Macleay River	6-7/10/98	Sherwood	56	475509	6560273	56.7	Upstream side of Belgrave Falls, 80m downstream from Dungay Creek
	Gills Bridge Creek	6-7/10/98	Kempsey	56	486064	6560963	42.9	2.4km upstream from Macleay River
	Pola Creek	23/5/01	Kempsey	56	486484	6561513	42.7	Small rise in creek in this vicinity, 400m upstream from Gills Bridge Creek
	Belmore River	9-10/8/98	Kempsey	56	496569	6558768	46.5	Heavy reed growth stops tide here - 1.7km upstream from Seale Road
	Kinchela Creek	10-11/8/98	Kempsey	56	499189	6563048	32.1	680m upstream from floodgates tide stopped by reed growth
	Spencers Creek	14/12/01	South West Rocks	56	-	-	-	Fully tidal creek
Saltwater Inlet	14/12/01	South West Rocks	56	503454	6576268	10.9	Any leakage through floodgates at this point could get a further 700m upstream	
South West Rocks Creek	South West Rocks Creek	24/6/02	South West Rocks	56	501814	6582258	3.1	Disperses into wetland and saltmarsh in this vicinity 3.1km upstream from ocean
Saltwater Creek	Saltwater Creek	10/8/98	South West Rocks	56	505804	6581613	4.3	Entrance often closed for extended periods but Saltwater Lagoon is tidal and tide would disperse into surrounding wetland
Korogoro Creek	Korogoro Creek	10-11/8/98	Korogoro Point	56	501564	6566898	6.4	Tide could extend to this point, 1.0km upstream from floodgates before dispersing into wetland
Ryans Cut	Ryans Cut	13/12/01	Kundabung	56	498919	6556588	1.4	If entrance/floodgates open, tide would get to this point 1.4km from entrance
Killick Creek	Killick Creek (West)	10-11/8/98	Kundabung	56	496829	6551118	2.4	Tide stops at floodgates
	Killick Creek (North)	From map	Kundabung	56	497764	6551838	2.9	Tide would extend at least to this point, 1.4km upstream from west branch
Goolawah Lagoon	Goolawah Lagoon	13/12/01	Kundabung	56	-	-	-	Lagoon very rarely discharges to ocean so considered to be non-tidal
Big Hill Point Creek	Big Hill Point Creek	13/12/01	Telegraph Point	56	-	-	-	Entrance usually closed with floodgates blocked by large build up of sand
Hastings River	Limeburners Creek	9/10/98	Telegraph Point	56	-	-	-	Fully tidal creek all the way to Saltwater Lake
	Saltwater Lake	9/10/98	Telegraph Point	56	493654	6535513	17.8	Lake is tidal, tide would disperse into surrounding wetland
	Connection Creek	10-11/8/98	Kundabung	56	494594	6549558	37.5	Heavy reed growth stops tide within 100m upstream from Maria River Road
	Reedy Creek	7-8/10/98	Kundabung	56	489189	6550998	41.2	Tide stops within 400m upstream of this point, 2.0km upstream from Maria River
	Maria River	7-8/10/98	Kundabung	56	487269	6552518	42.3	2.2km downstream from railway bridge
	Pipers Creek	7-8/10/98	Kundabung	56	484229	6547888	34.6	350m upstream from railway bridge
	Smiths Creek	7-8/10/98	Kundabung	56	483889	6546278	31.7	200m upstream from railway bridge
	Cooperabung Creek	5-7/6/00	Telegraph Point	56	483179	6536893	20.2	Small rise in creek near yards, 100m upstream from Haydons Wharf Road
	Wilson River	9/10/98	Ballengarra	56	475089	6533589	30.6	At ford 375m downstream from bridge near Avenel Farm

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Hastings River	Tommy Owens Creek	5/11/98	Port Macquarie	56	480599	6528689	20.3	300m downstream from Forest Hut Road
	Rawdon Creek	5/11/98	Port Macquarie	56	478944	6527774	20.2	1.3km downstream from Forest Hut Road
	Balyngara/Saltwater Creek	9/10/98	Port Macquarie	56	477179	6528529	23.1	390m upstream from bridge
	Loggy Creek	9/10/98	Port Macquarie	56	476689	6528409	23.3	400m upstream from railway bridge
	Byrnes Brook	9/10/98	Port Macquarie	56	476604	6527839	23.3	170m upstream from railway bridge
	Stoney Creek	6-9/10/98	Wauchope	56	476104	6525664	22.2	Large rise in creek 225m downstream from road bridge
	Snowball Creek (West)	9/10/98	Wauchope	56	476069	6525599	22.1	70m downstream from road bridge, heavy reed growth
	Snowball Creek (South)	9/10/98	Wauchope	56	476074	6525339	22.0	360m downstream from bridge on Stoney Creek Road
	Hursley Creek	29/2/01	Port Macquarie	56	476679	6522339	21.6	At weir 300m upstream from Carecorara Inlet
	Carecorara Inlet	13/12/01	Port Macquarie	56	476619	6520489	22.9	Dry gully with heavy grass growth, 1.8km upstream from Hursley Creek
	Mortons Creek	6-9/10/98	Wauchope	56	470454	6523099	33.0	400m downstream from bridge on Mortons Creek Road
	Hastings River	5/11/98	Wauchope	56	468329	6520199	35.8	4.1km upstream from Camerons Falls
	Yippin Creek	5-7/6/00	Wauchope	56	473529	6520259	28.1	Small rise in creek 150m downstream from bridge on Beechwood Road
	Kings Creek	6-9/10/98	Wauchope	56	475259	6516259	28.8	20m downstream from bridge on Kings Creek Road
	Sarahs Creek	5-7/6/00	Port Macquarie	56	478019	6518264	24.6	Large rise in creek 900m upstream from Oxley Highway
	Haydons Creek	5/8/05	Port Macquarie	56	480534	6521817	17.7	Large rises in creek 2.1km upstream from Hastings River
	Fernbank Creek	5-7/6/00	Port Macquarie	56	485034	6523644	12.3	Tidal to this point 900m upstream from Hastings River Drive
Kooloonbung Creek	5-6/11/98	Port Macquarie	56	490074	6520694	4.9	Tide disperses into wetland above this point, 0.9km upstream from Lake Road	
Lake Cathie	Lake Innes/Karikeree Creek	7/6/00	Port Macquarie	56	486229	6517264	8.9	Lake is tidal and tide would disperse into surrounding wetland
	Cathie Creek	7/6/00	Grants Head	56	-	-	-	Fully tidal creek all the way to Lake Innes
	Cowarra Creek	7/6/00	Grants Head	56	485489	6510874	2.6	Does not appear to be tidal at this point, 675m upstream from Cathie Creek
	Lake Cathie	7/6/00	Grants Head	56	-	-	2.8	Tide would disperse into surrounding wetland, no significant tributaries
Duchess Gully	Duchess Gully	13/12/01	Grants Head	56	484904	6506914	1.6	Entrance usually closed - tide would get at least 1.6km from ocean when open
Camden Haven River	Limeburners Creek	6/11/98	Grants Head	56	482704	6503754	13.6	1.9km upstream from Queens Lake
	Waterloo Creek	6/11/98	Grants Head	56	479119	6504914	13.2	Not tidal at Waterloo Creek Road
	Bobs Creek	3/12/98	Grants Head	56	477404	6504524	13.3	2.3km upstream from Queens Lake, reed growth
	Herons Creek	3/12/98	Byabarra	56	474689	6505334	16.6	500m downstream from Pacific Highway
	Camden Haven River	2-3/12/98	Byabarra	56	472319	6502479	25.9	Tidal to Logans Crossing
	Batar Creek	21/5/01	Lorne	56	471704	6497319	20.5	Rise in creek at upstream end of pool, 900m upstream from railway bridge
	Stewarts River	2-3/12/98	Lorne	56	471429	6490739	19.2	Tidal to weir, 100m upstream from old highway bridge
	Bensons Inlet	2-3/12/98	Laurieton	56	477064	6489079	16.5	Tidal at least to this point, 3.3km upstream from Lake then disperses into wetland
	Googley Lagoon	2-3/12/98	Laurieton	56	484229	6498964	4.3	Lagoon is tidal with no significant creeks entering

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Manning River	(Back Channel) Creek (East)	7/9/02	Cooperbrook	56	470054	6473919	3.1	Tide would stop at heavy reed growth 1.1km upstream from Manning River
	(Back Channel) Creek (Original)	7/9/02	Cooperbrook	56	469794	6473999	2.8	Tide would stop at heavy reed growth 850m upstream from Manning River
	Pelican Bay	21/5/01	Cooperbrook	56	464169	6473764	-	Not a closed system connected back to river at this point by culvert
	Cattai Creek	2-3/11/98	Cooperbrook	56	-	-	-	Fully tidal creek all the way to Pipeclay Canal
	Pipeclay Canal	2-3/11/98	Cooperbrook	56	469889	6483429	21.2	At crossing on road to Coral Ville
	Two Mile Creek	21/5/01	Cooperbrook	56	465839	6480139	17.2	Limit near dam 600m downstream from Pacific Highway bridge
	Cross Creek	2-4/11/98	Cooperbrook	56	456119	6483814	29.0	100m upstream from bridge on Cundle Road
	Lansdowne River	2-3/11/98	Cooperbrook	56	455814	6482514	29.4	At weir near Lansdowne, 2.0km downstream from railway bridge
	Ghinni Ghinni Creek	2-3/11/98	Cooperbrook	56	-	-	-	Fully tidal creek for whole length, not a closed system
	Dickensons Creek	2-4/11/98	Cooperbrook	56	-	-	-	Fully tidal creek all the way to Pontobark Creek
	Pontobark Creek	4/11/98	Cooperbrook	56	454939	6476339	29.0	Tidal at junction with New Yard Creek
	McKies Creek	5-6/6/00	Cooperbrook	56	454319	6475309	27.9	Small rise in creek, 450m upstream from Dickensons Creek
	Paddys Creek	4-6/11/98	Cundletown	56	456619	6473114	26.1	1.3km upstream from Dickensons Creek, stopped by reeds
	Dawson River	2-4/11/98	Wingham	56	449329	6477704	35.3	100m upstream from Kate Kellys Crossing
	Tommy Owens Creek	14/5/99	Wingham	56	449004	6477419	34.8	Rise in creek 50m downstream from walking track to Kate Kellys Crossing
	Stony Creek (Main)	14-15/12/01	Wingham	56	447884	6475609	33.2	Small rocky rise in creek, 1.4km upstream from Dawson River
	Stony Creek (West)	14/12/01	Wingham	56	448094	6474959	32.8	Large rounded rocks in creek, 500m upstream from Stony Creek (Main)
	Browns Creek	2-4/11/98	Taree	56	448609	6470349	29.6	100m downstream from bridge on Whitbread Street
	Munghi Creek	8/9/02	Taree	56	446884	6471279	40.0	Tide would get to rise at culverts under road near railway crossing
	Cedar Party Creek	2-4/11/98	Wingham	56	440839	6474259	47.5	Small rocky rapids, 125m downstream from railway bridge
	Cemetery Gully	Historical	Taree	56	440059	6472289	48.4	40m upstream from Manning River
	Manning River	2-6/11/98	Taree	56	439289	6470709	53.9	Tide would get to main rise in Basin Ford, 1.6km upstream from Abbots Falls
	Mondrook Creek	4/12/98	Taree	56	445369	6470199	38.7	Tide stopped by earth embankment
	Peg Leg Creek	4/12/98	Taree	56	443964	6467089	36.5	100m downstream from bridge on Wingham-Tinonee Road
	Deans Creek	14/12/01	Taree	56	444969	6465684	33.9	Heavy grass growth in creek, 750m upstream from Manning River
	Dennes Creek	14/12/01	Taree	56	445474	6465974	33.3	Large rise at causeway, 200m upstream from Manning River
	Carters Creek	14/12/01	Taree	56	446809	6466674	-	No tidal limit as creek joins back to Manning River at this point
	Cubba Cubba Creek	4/12/98	Taree	56	449689	6468394	27.7	Earth embankment 700m downstream from old Pacific Highway
	Stitts Creek	3-4/12/98	Taree	56	449719	6467354	28.0	This vicinity 300m downstream from old highway, then disperses into wetland
	Wollards Creek	15/5/99	Taree	56	451089	6466274	28.1	At causeway 360m upstream from Halls Creek
	Halls Creek	4-6/11/98	Taree	56	451864	6465814	28.8	Rise in creek 500m downstream from Old Bar Road
	Berady Creek	15/5/99	Cundletown	56	455254	6464804	9.5	Old dam 200m downstream from Old Bar Road
Manning River - South Channel	4-6/11/98	Cundletown	56	-	-	-	Fully tidal channel	

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Manning River	Scotts Creek	4-6/11/98	Cundletown	56	-	-	-	Fully tidal creek
	Luthrie Inlet (South)	7/9/02	Cundletown	56	463534	6466499	4.2	Grassy rise in creek 2.3km upstream from Kangaroo Point
	Luthrie Inlet (North)	7/9/02	Cundletown	56	464749	6467834	4.1	Tide disperses into wetland 2.2km upstream from Kangaroo Point
	Warwiba Creek (West)	15/5/99	Cundletown	56	457454	6463429	9.2	Low rock and cement dam, 100m downstream from Old Bar Road
	Warwiba Creek (East)	14/12/01	Cundletown	56	457584	6463409	9.2	Reedy rocky rise in creek, 100m downstream from Old Bar Road
	Oyster Creek	8/9/02	Cundletown	56	460264	6464304	3.6	Rises in creek then disperses into wetland 80m upstream from cow track culverts
Racecourse Creek	Racecourse Creek	8/9/02	Cundletown	56	460994	6462419	0.65	Entrance often closed - tide gets to downstream side of culverts under David St
Khappinghat Creek	Koorainghat Creek	16/5/99	Cundletown	56	455844	6460039	8.6	2.5km upstream from Khappinghat Creek
	Khappinghat Creek	16/5/99	Hallidays Point	56	453499	6458889	9.3	50m downstream from bend in Yellow Crossing Road
	Rainbow Gully	16/5/99	Hallidays Point	56	452929	6457504	9.1	Tidal to causeway 350m upstream from Allards Creek
	Allards Creek	16/5/99	Hallidays Point	56	453189	6457319	9.0	Expect tide to get at least to this point, 200m upstream from Rainbow Gully
	Magpie Creek	16/5/99	Hallidays Point	56	454914	6457254	5.5	Tidal at least to this point, 1.2km upstream from Khappinghat Creek
(Hallidays Point) Creek	(Hallidays Point) Creek	8/9/02	Hallidays Point	56	456514	6452009	0.60	Heavy reed growth would stop tide 600m upstream from ocean
Wallis Lake	Darawakh Creek	8/6/01	Nabiac	56	450969	6447019	13.8	Rise in creek and heavy reed growth, 200m upstream from old timber bridge
	Bungwahl Creek	15-17/5/99	Nabiac	56	449564	6450064	19.5	Old timber bridge, 300m upstream from powerlines
	Wallamba River	15-16/5/99	Nabiac	56	440790	6447564	32.1	Old causeway at Clarksons Crossing, 300m upstream from Pacific Highway
	McClymonts Creek	8/6/01	Coolongolook	56	447880	6439614	9.4	Heavy reed growth stops tide 3.3km upstream from Coolongolook River
	Minimba Creek	8/6/01	Coolongolook	56	442895	6439509	16.3	Tide would disperse into wetland, 5.0km upstream from Coolongolook River
	Wang Wauk River	2-5/12/98	Coolongolook	56	436005	6441664	24.0	Rise in river 200m upstream from old causeway
	Coolongolook River	16-17/5/99	Coolongolook	56	436665	6433799	23.4	At causeway at Locketts Crossing
	Ferny Creek	17-18/5/99	Wootton	56	442040	6427064	27.2	50m downstream from bridge, 1.9km upstream from Wallingat River
	Teatree Creek (Wallingat River)	17-18/5/99	Wootton	56	443210	6421599	32.4	50m downstream from bridge on Bachelor Road
	Wallingat River	17-18/5/99	Wootton	56	444320	6421309	32.4	1.0km upstream from Teatree Creek
	Boggy Creek	17-18/5/99	Wootton	56	444455	6424224	29.1	Tide gets 500m upstream from Sugar Creek Road
	Sugar Creek	17-18/5/99	Wootton	56	444570	6428164	25.9	Tide gets 200m upstream from track crossing
	Reedy Creek	15/12/01	Wootton	56	444490	6429899	23.5	Slight rise with heavy reed growth, 900m upstream from Wallingat River
	Teatree Creek (Shallow Bay)	15/12/01	Coolongolook	56	447105	6433544	11.7	Tide disperses into surrounding wetland, 1.2km upstream from Shallow Bay
	Wallis Creek	16-17/5/98	Pacific Palms	56	454040	6420739	20.2	100m upstream from bridge on Kookie Avenue
	Dunns Creek	14/12/01	Forster	56	456459	6434649	9.6	Small rise in creek 120m downstream from The Lakes Way
	Pipers Creek (East Branch)	24/5/01	Forster	56	455714	6436279	11.6	Constricted creek no tide at this point, 500m upstream from The Lakes Way
Pipers Creek (North Branch)	24/5/01	Forster	56	455399	6436819	11.9	Heavy reed growth would stop tide, 800m upstream from The Lakes Way	

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Wallis Lake	Pipers Creek	17-18/5/99	Forster	56	453929	6437654	12.0	Tide gets to this vicinity but probably also comes from Breckenridge Channel
Smiths Lake	Tarback Creek	17-18/5/99	Wootton	56	450815	6418664	5.9	Lake can be tidal and tide would get a short distance up Tarback Creek
Myall Lakes	Neranie Bay	17-18/5/99	Myall Lake	56	448265	6415989	65.7	Tide does extend to north-east corner of Myall Lake, less than 1cm range
	Boolambayte Creek	5-7/6/00	Myall Lake	56	432295	6413019	51.4	Tidal at least to this vicinity, 2.4km downstream from The Lakes Way
	Myall River (Upper)	5-7/6/00	Bulahdelah	56	424480	6416979	61.5	Large rise at old low level crossing upstream side of bridge on Markwell Road
	Crawford River	11-12/7/99	Bulahdelah	56	424965	6413394	57.0	At tidal barrage, 75m upstream from Myall River
	Nerong Creek	-	The Branch	56	426030	6400464	44.7	Not surveyed due to difficult access but would be tidal at least to this point
	Bombah Broadwater	5-7/6/00	Bombah Point	56	-	-	-	Fully tidal waterway
	Myall River (Lower)	5-7/6/00	Port Stephens	56	-	-	-	Fully tidal river all the way to Bombah Broadwater
Port Stephens	Monkey Jacket Creek	9-10/8/99	Port Stephens	56	422625	6389854	15.5	At bend near gates to sawmill, 300m upstream from Rattley Bridge
	Kore Kore Creek	9-10/8/99	Port Stephens	56	418230	6389144	15.0	Rise in creek, 150m upstream from ford
	(Fame Cove) Creek	9-10/8/99	Port Stephens	56	412905	6385334	16.8	Large rise in creek, 100m upstream from bridge to Lot 5 Bundabah Road
	Station Creek	9-10/8/99	The Branch	56	414525	6390614	24.1	1.6km upstream from Bundabah Creek
	Bundabah Creek	9-10/8/99	The Branch	56	414235	6391784	25.4	Rise in creek, 300m upstream from Pacific Highway
	Bulga Creek	9-10/8/99	Port Stephens	56	409865	6388804	23.1	185m upstream from Pacific Highway
	Yalimbah Creek	9-10/8/99	Karuah	56	405945	6388914	25.7	Tide disperses into wetland in vicinity of The Branch Lane turn off from Hwy
	Little Branch Creek	10-11/8/99	The Branch	56	408005	6395884	41.3	At ford where The Branch Lane crosses creek
	The Branch River	10-11/8/99	The Branch	56	407080	6399319	43.5	Very small tide measured immediately upstream of old causeway, 800m downstream from The Branch Lane bridge
	Karuah River	10-12/8/99	Dungog	56	402550	6405469	47.7	Tide gets to rocky rapids, 900m downstream from bridge on Bucketts Way
	Cromarty Creek	15/12/01	Clarence Town	56	401460	6402389	45.3	Large rocky rise in creek, 1.2km upstream from Karuah River
	Deep Creek	11-12/8/99	Clarence Town	56	399325	6394264	38.0	350m upstream from bridge on Hobart Forest Road
	Stony Creek	11-12/8/99	Clarence Town	56	397310	6393664	38.4	Rise in creek 50m upstream from bridge on Bucketts Way
	Limeburners Creek	11-12/8/99	Clarence Town	56	397105	6392914	38.6	1.3km upstream from Stony Creek
	Captain Hills Creek	11-12/8/99	Clarence Town	56	397780	6391634	34.7	1.3km upstream from Limeburners Creek
	Lizzies Creek	26/10/99	Karuah	56	397910	6389589	34.1	Disperses into wetland, 250m from Limeburners Road
	Reedy Creek	12-13/8/99	Karuah	56	399515	6386639	28.0	At actively eroding escarpment in creek, 350m downstream from Pacific Highway near golf course
	Twelve Mile Creek	12-13/8/99	Karuah	56	396615	6384474	40.8	Large rise in creek, 500m upstream from bridge on Old Swan Bay Road
	Pipeclay Creek	6-7/6/00	Karuah	56	396445	6381454	38.2	Rise in creek 330m downstream from powerlines
	Saltwater Creek (Main)	16/12/01	Karuah	56	398105	6377824	30.2	Tide disperses into wetland, 3.4km upstream from Twelve Mile Creek
Saltwater Creek (West)	16/12/01	Karuah	56	398415	6376634	29.4	Bund wall of Racecourse Swamp, 2.5km upstream from Twelve Mile Creek	
Tilligerry Creek	25-26/10/99	Williamstown	56	396495	6370439	35.9	Heavy reed growth, 900m upstream from Oakfield Lane	

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Port Stephens	Bobs Farm Creek	13-14/7/99	Morna Point	56	410405	6374289	23.3	Tide disperses into wetland in this general vicinity
	Fenninghams Island Creek	25-26/10/99	Morna Point	56	414280	6374214	25.0	Reed growth in drain, 250m upstream from Nelson Bay Road
	Wallis Creek	6-17/2/01	Morna Point	56	412855	6375279	21.6	Heavy reed growth, 180m upstream from floodgates on road to Soldiers Point
Fingal Bay	(Fingal Bay) Creek	8/9/02	Port Stephens	56	422269	6376354	0.05	Large rise at rock gabions downstream from Marine Drive 50m from ocean
Hunter River	Long Bight Swamp	8/9/02	Williamstown	56	393075	6368084	18.6	Grass growth in creek at this point on Lavis Lane 1.4km from Nelson Bay Rd
	Williams River	12/7/99	Maitland	56	381545	6385649	46.0	Tide stopped by Seaham Weir, 500m upstream from The Jim Scott Bridge
	Paterson River	12-13/7/99	Paterson	56	369115	6395164	74.2	1.0km downstream from Gostwyck Bridge
	Hunter River	12-13/7/99	Maitland	56	364415	6382214	63.5	In this vicinity, 2.1km upstream from railway bridge at Oakhampton
	Swamp/Fishery Creek	5-8/6/00	Maitland	56	363745	6376779	62.8	Rise in creek under Dagworth Bridge, 1.6km upstream from Wallis Creek
	Wallis Creek	5-8/6/00	Beresfield	56	361995	6371809	66.3	Tide may get to small rise in creek, 4.2km upstream from Dagworth Rd bridge
	Ironbark Creek	16/12/01	Wallsend	56	375790	6359379	21.1	Tide can get to rise at start of concrete drain, 250m upstream from Minmi Road
	Throsby Creek	11-12/7/99	Wallsend	56	382005	6359014	8.7	Tide would get to Valencia Street culverts
	Styx Creek	11-12/7/99	Wallsend	56	382030	6357309	8.4	Rise in creek, 50m upstream from Chatham Road bridge
Glenrock Lagoon	Glenrock Lagoon	8/9/02	Wallsend	56	381205	6352439	1.0	Entrance usually closed - tide can get to this point 1km upstream from ocean
Lake Macquarie	Winding Creek	27/10/99	Wallsend	56	372625	6355709	22.3	Weir 100m upstream from Frederick Street bridge
	Brush Creek	27/10/99	Wallsend	56	372275	6356074	21.9	Not tidal at culverts on Main Road
	Cocked Hat Creek	27/10/99	Wallsend	56	370970	6355999	21.2	At footbridge, 225m downstream from Main Road
	Cockle Creek	27/10/99	Wallsend	56	369020	6354814	24.0	Weir on James Street / Weir Road
	Marmong Creek	9/9/02	Wallsend	56	370340	6350189	16.2	Small range above weir would disperse in this vicinity 450m upstream from Marmong Street
	L. T. Creek (North)	24/11/99	Wallsend	56	367655	6349489	15.7	Tide gets to culverts on Fassifern Road
	L. T. Creek (South)	24/11/99	Wallsend	56	367620	6349269	15.7	Tide gets to downstream side of disused Toronto-Fassifern railway bridge
	Mudd Creek	6-8/6/00	Swansea	56	367430	6347139	16.3	Joined to Stony Creek by culverts, tide gets within 10m of STW embankment
	Stony Creek	27/10/99	Swansea	56	366415	6347759	18.0	460m upstream from old causeway at end of High Street
	Kilaben Creek	27/10/99	Swansea	56	366105	6344194	13.0	Would be tidal for a very short distance upstream from Stockyard Creek
	Stockyard Creek	27/10/99	Swansea	56	366115	6344154	13.0	Tide would get to dam on golf course, 30m upstream from Kilaben Creek
	Crooked Creek	16/12/01	Swansea	56	364425	6341019	15.2	Heavy grass growth would stop tide 50m upstream from road culverts
	Whiteheads Lagoon	16/12/01	Swansea	56	363625	6341029	15.8	Heavy reed growth would stop tide 75m upstream from road culverts
	Jigadee Creek	27-28/11/99	Morisset	56	356730	6339294	25.9	950m downstream from Newport Road
	Dora Creek	27-28/11/99	Morisset	56	355430	6339060	26.5	Weir 10m downstream from Freemans Drive
	Stockton Creek	24-25/11/99	Morisset	56	356130	6335625	26.4	Heavy reed growth, 325m upstream from bridge on Freeway
	Pourmalong Creek	24/11/99	Morisset	56	359845	6334944	23.0	300m downstream from bridge on road to Morisset Psychiatric Hospital

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Lake Macquarie	Wye Creek	23-24/11/99	Dooralong	56	359815	6329309	25.0	Heavy reed growth, 1.2km downstream from Summerhayes Road
	Manning Bay	23/11/99	Catherine Hill Bay	56	362350	6328979	21.9	Would be tidal up to spillway from Manning Lake
	Karignan Creek	23-24/11/99	Catherine Hill Bay	56	367005	6327854	22.6	Weir 1.1km upstream from Chain Valley Bay
	Tiembula Creek	17/12/01	Catherine Hill Bay	56	367430	6330209	21.0	Reed growth in creek would stop tide, 850m upstream from Chain Valley Bay
	Mangrove Gully	17/12/01	Catherine Hill Bay	56	369105	6329634	16.9	Large rise in creek then heavy reed growth, 325m upstream from Crangan Bay
Swansea Channel	Black Neds Bay	16/12/01	Swansea	56	-	-	-	Fully tidal bay with no significant creeks entering
Middle Camp Creek	Middle Camp Creek	16/12/01	Catherine Hill Bay	56	-	-	-	Not yet done - entrance usually closed
Moonee Beach Creek	Moonee Beach Creek	16/12/01	Catherine Hill Bay	56	372105	6329324	0.48	Entrance usually closed if open tide would stop at rise on upstream side of track
Tuggerah Lake	Lake Munmorah	24/11/99	Catherine Hill Bay	56	366605	6325689	19.5	Lake would be tidal, no major creeks
	Spring Creek	24/5/01	Dooralong	56	359340	6324995	19.3	Small rise in creek in this vicinity, 475m downstream from railway bridge
	Wallarah Creek	24/5/01	Dooralong	56	357865	6323590	19.1	At v-notch weir for water level recorder, 420m due WNW of railway bridge
	Budgewoi Lake	24/11/99	Catherine Hill Bay	56	-	-	-	Fully tidal lake
	Wyong River	23/11/99	Wyong	56	351630	6316765	15.4	Weir 275m downstream from Freeway
	Ourimbah Creek	9/9/02	Wyong	56	351050	6311600	10.5	Small rises at this point 2.0km upstream from weir near railway bridge
	Tumbi Umbi Creek	23-27/11/99	Wyong	56	355325	6307460	7.9	Rise in creek under The Entrance Road
	Tuggerah Lake	23/11/99	Wyong	56	-	-	-	Fully tidal lake
	Saltwater Creek	17/12/01	Wyong	56	358305	6307030	6.1	Small rise in creek, 50m upstream from weir upstream of The Entrance Road
Wamberal Lagoon	Wamberal Lagoon	10-11/5/01	Gosford	56	356604	6301940	2.9	Entrance often closed, rise in creek directly in line with Hopetoun Street
Terrigal Lagoon	(North Branch)	10-11/5/01	Gosford	56	354144	6300290	2.5	Entrance often closed, large rise 175m downstream from Willoughby Road
	(South Branch)	10-11/5/01	Gosford	56	354114	6299015	1.5	Entrance often closed, rise in creek 150m downstream from Terrigal Drive
Avoca Lake	Saltwater Creek	10-11/5/01	Gosford	56	352839	6296085	2.2	Entrance often closed, rise in creek 375m downstream from Avoca Drive
	Avoca Lake	10-11/5/01	Gosford	56	-	-	-	Fully tidal lake
Cockrone Lake	Merchants Gully	10-11/5/01	Gosford	56	353559	6293630	1.1	Entrance often closed, large rise at rear of 182 Copacabana Drive
	Cockrone Gully	10-11/5/01	Gosford	56	352344	6293090	2.0	Entrance often closed, rise in creek 20m downstream from junction
	Cockrone Lake	10-11/5/01	Gosford	56	-	-	-	Fully tidal lake
Brisbane Water	Kincumber Creek	22-23/11/99	Gosford	56	351054	6295365	14.2	Small rise in creek near last house on west side of School Street

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Brisbane Water	Erina Creek	22-23/11/99	Gosford	56	350780	6300565	18.9	10m upstream from bridge on Carlton Road
	Narara Creek	22-23/11/99	Gosford	56	345635	6303215	21.2	Rocky rise in creek, 175m upstream from Carrington Street bridge
	Coorumbine Creek (North)	9/9/02	Gosford	56	343270	6299705	15.7	Large rise in creek 225m upstream from Brisbane Water Drive
	Coorumbine Creek (South)	9/9/02	Gosford	56	343315	6299635	15.7	Large rise in creek 175m upstream from Brisbane Water Drive
	Woy Woy Creek	22-23/11/99	Gosford	56	341359	6292850	14.2	Rise in creek, 110m upstream from crossing to settlement ponds on left bank
Hawkesbury River	Ettalong Creek	9/9/02	Broken Bay	56	342904	6288740	0.85	Creek blocked by vegetation 50m upstream from Kahibah Creek
	Kahibah Creek	9/9/02	Broken Bay	56	342769	6288715	0.90	Creek rises on upstream side of Ettalong Road bridge then thick grassy reeds
	Pearl Beach Lagoon	9/9/02	Broken Bay	56	-	-	-	Creek very rarely open to the ocean - not considered to be tidal
	Patonga Creek	22-23/12/99	Broken Bay	56	340114	6289900	10.0	Creek junction 6.0km upstream from entrance
	Mullet Creek	21/12/99	Gosford	56	338814	6293665	17.3	Gets through railway embankment at western end then disperses into wetland
	Piles Creek	21-22/12/99	Gosford	56	338865	6298350	28.0	Large rise in creek, 20m upstream from old walking track crossing
	Floods Creek	21-22/12/99	Gosford	56	337830	6300965	30.7	Large rise in creek, 1.2km upstream from Mooney Mooney Creek
	Mooney Mooney Creek	21-22/12/99	Gunderman	56	336720	6301465	31.7	Rise in creek, 2.2km upstream from Floods Creek
	Marlows Gully	7/5/01	Gunderman	56	330775	6295090	29.0	Rise in creek at junction, 275m downstream from powerlines
	Kellys Creek	9/3/01	Gunderman	56	333155	6299365	38.5	Tide follows new drainage network then would disperse into wetland in this vicinity, 1.3km upstream from Cabbage Tree Creek
	Cabbage Tree Creek	9/3/01	Gunderman	56	332780	6300355	37.2	Large rise in creek, 650m upstream from Kellys Creek
	Popran Creek	23-24/12/99	Gunderman	56	332405	6303240	40.7	775m upstream from bridge near Hospital Gully
	Hominy Creek	28/2/02	Gunderman	56	329440	6301640	35.8	Small rise in creek 750m upstream from road
	Ironbark Creek	28/2/02	Gunderman	56	329325	6304630	42.2	Rise in creek, 3.1km upstream from Mangrove Creek
	Bedlam Creek	28/2/02	Gunderman	56	328160	6305440	41.3	Series of small rises in creek, 600m upstream from road bridge
	Mangrove Creek	23-24/12/99	Mangrove	56	327380	6308915	47.2	Weir at pumping station
	Sugee Bag Creek	28/2/02	Gunderman	56	325705	6305540	44.6	Access denied by <i>Windara Park</i> manager - tide could get to this point 1.6km upstream from Mangrove Creek according to manager
	Birdseye Creek	28/2/02	Gunderman	56	327570	6303100	38.0	Rise in north branch of creek at downstream end of road culverts
	Screech Owl Creek	28/2/02	Gunderman	56	327445	6302190	36.9	Tide disperses into wetland in this vicinity 400m upstream from road
	Dinner Creek (North)	17-18/2/00	Gunderman	56	326980	6300865	36.4	Heavy reed growth 20m upstream from old concrete block dam/culvert
	Dinner Creek (South)	17-18/2/00	Gunderman	56	326820	6300625	36.5	Tide would get to crossing 325m upstream from north branch
	Scotchmans Creek	28/2/02	Gunderman	56	328320	6298485	31.5	Large rise in creek 300m upstream from road
	Breakfast Creek	28/2/02	Gunderman	56	327180	6296465	29.9	Reed growth would stop tide 375m upstream from road
	Gunderman Creek	17-18/2/00	Gunderman	56	321470	6298345	45.9	Tide disperses into heavy reed growth 1.4km upstream from bridge
	Mill Creek	28/2/02	Gunderman	56	317430	6303290	53.5	Heavy reed growth stops tide, 1.9km upstream from Hawkesbury River
	Roses Creek	28/2/02	Gunderman	56	314605	6303050	54.0	Leakage through floodgates disperses into wetland 50m upstream from road

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Hawkesbury River	Wrights Creek	17-20/2/00	St Albans	56	313205	6313045	74.3	Near bridge, 3.1km upstream from Macdonald River
	Macdonald River	17-20/2/00	St Albans	56	310620	6312085	73.0	In this vicinity, 1.9km upstream from Wrights Creek
	Webbs Creek	17-20/2/00	St Albans	56	307780	6308015	70.0	820m upstream from bridge
	Doyles Creek	1/2/02	Lower Portland	56	309175	6303460	65.2	Tide disperses into wetland in this vicinity, 1.6km upstream from Webbs Creek
	Colo River	18-20/2/00	Lower Portland	56	294180	6300540	96.4	6.8km upstream from Putty Road bridge, might get 500m further upstream
	Wheeny Creek	Historical	Lower Portland	56	296565	6298925	91.8	775m upstream from Colo River at bridge on road to Upper Colo
	Roberts Creek	27/2/02	Lower Portland	56	301660	6293170	89.2	Tide gets to vicinity of old timber bridge, 1.0km from Hawkesbury River
	Howes Creek	27/2/02	Wilberforce	56	301755	6290115	94.5	Reed growth would stop tide within 150m of Currency Creek
	Currency Creek	27/2/02	Wilberforce	56	301905	6289910	94.5	Small rise and reed growth, 1.3km upstream from Sackville Road
	Hawkesbury River	20/2/00	Kurrajong	56	-	-	-	Fully tidal to junction with Grose River, upstream from here known as Nepean River
	Grose River	21/2/00	Kurrajong	56	286220	6278720	138.3	Small rise in river 200m upstream from junction with Nepean River
	Nepean River	20/2/00	Kurrajong	56	286605	6278360	138.5	Rise in river under Yarramundi Bridge
	Rickabys Creek	11/7/02	Wilberforce	56	296745	6279255	122.4	Large rise in creek directly under Cornwallis Bridge
	South Creek	19-21/2/00	Riverstone	56	297415	6271455	132.4	Large rise in creek 190m downstream from Richmond Road bridge
	Eastern Creek	4-5/5/00	Riverstone	56	299230	6273435	130.0	Large old weir 2.9km upstream from South Creek
	McKenzies Creek	19/2/00	Wilberforce	56	300640	6279215	122.3	Not tidal at Pitt Town Road bridge
	Cattai Creek	18-19/2/00	Wilberforce	56	309010	6282395	118.4	Rise in creek at bridge on Cattai Ridge Road
	Little Cattai Creek	18-19/2/00	Wilberforce	56	307235	6286840	108.1	Tidal at least to this point, 425m upstream from Wisemans Ferry Road bridge
	Doyles Swamp	11/7/02	Lower Portland	56	306380	6296745	83.5	Not tidal at this point 1.6km upstream from Hawkesbury River
	Dalgetys Creek	7/5/01	Gunderman	56	317685	6298070	47.3	Tidal at least to this vicinity, 1.2km upstream from Hawkesbury River
	Ashdale Creek	19/2/00	Gunderman	56	319470	6295690	44.5	Small rise in creek 300m upstream from Layburys Creek
	Layburys Creek	19/2/00	Gunderman	56	319695	6295325	44.4	Tidal for 200m from Ashdale Creek
	Pumpkin Point Creek	6/12/01	Gunderman	56	326430	6292715	25.9	No defined creek, heavy reed and grass growth, 1.25km SE from Ivory Trig
	Marramarra Creek	22-24/12/99	Cowan	56	321325	6288740	31.6	Large rise in creek, 2.3km upstream from powerlines
	Coba Creek	5/12/01	Cowan	56	324714	6286470	27.0	Heavy reed growth starts here 3.6km upstream from Coba Point
	Calabash Creek	5/12/01	Cowan	56	323554	6282915	34.1	Rocky rise in creek, 2.3km upstream from Calabash Point
	Banks Creek	5/12/01	Cowan	56	323759	6281860	33.3	Rocky rise in creek, 1.4km upstream from Calabash Point
	Fosters Creek	5/12/01	Cowan	56	324509	6281615	32.7	Large rock rise in creek, 800m upstream from Calabash Point
	Crossland Creek	5/12/01	Cowan	56	325419	6280475	33.7	Rocky rise 350m upstream from footbridge near Dusthole Bay near car ferry
	Still Creek	5/12/01	Hornsby	56	324074	6277605	39.2	Rocky rise in creek, 1.1km upstream from Berowra Creek
	Berowra Creek	9-11/1/97	Hornsby	56	323739	6275260	41.1	At rocky rapids, 200m upstream from 132kV powerlines

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Hawkesbury River	Lyrebird Gully	5/12/01	Hornsby	56	325434	6276660	37.7	Large rocky rise in creek, 1.2km upstream from Berowra Creek
	Sams Creek	5/12/01	Cowan	56	326469	6278175	36.1	Rocky rise 30m upstream from walking track crossing
	Mougamarra Creek	6/12/01	Cowan	56	330159	6287220	23.1	Large rise in creek, 1.7km upstream from Mougamarra Point
	Seymours Creek	6/12/01	Cowan	56	332639	6286280	14.7	Heavy reed and grass growth starts 80m upstream from Brooklyn Road
	Sandbrook Inlet	9/9/02	Cowan	56	335589	6287300	16.7	No creek but tide would get to this point near railway tunnel on Long Island
	Porto Gully	6/12/01	Cowan	56	333714	6284550	11.1	Rocky rise in creek, 1.3km upstream from Mud Point
	Campbells Creek	6/12/01	Cowan	56	333754	6284140	11.0	Heavy grass growth 1.2km upstream from Mud Point
	Yatala Creek	6/12/01	Cowan	56	331494	6281590	11.6	Small rocky rise, 70m upstream from left bank side creek
	Apple Tree Creek	6/12/01	Hornsby	56	328339	6274460	19.5	Large rock rise upstream from this point, 800m upstream from Apple Tree Bay
	Cockle Creek	19/7/00	Hornsby	56	328279	6272625	21.9	Large rise in creek under powerlines
	Cowan Creek	9/1/97	Hornsby	56	330079	6270850	23.7	Large rise in creek 100m upstream from Kierans Creek
	Kierans Creek	9-10/1/97	Hornsby	56	330364	6270765	23.9	Rise in creek 275m upstream from Cowan Creek
	Smiths Creek (South)	27/8/00	Hornsby	56	333979	6274260	18.6	Sloping rock rise in creek, 250m upstream from east branch
	Smiths Creek (East)	27/8/00	Hornsby	56	334834	6273502	19.7	Rocky rise in creek, 80m upstream from left bank side creek
	Coal and Candle Creek	27/8/00	Hornsby	56	337729	6275740	17.2	Rocky rise in creek, 1.2km upstream from Akuna Bay
	The Basin	6/12/01	Broken Bay	56	340804	6280240	6.1	The Basin would be tidal to western shore of estuary
	Salvation Creek	6/12/01	Mona Vale	56	339489	6277360	10.2	Rocky rise at upstream end of shallow pool, 1.4km from Rocky Point
	McCarrs Creek	9-10/1/97	Mona Vale	56	339079	6274425	10.6	Rocky rise in creek, 2.7km upstream from Church Point
	Cahill Creek	6/10/00	Mona Vale	56	341689	6273120	11.3	Tide would get to this vicinity, 1.5km upstream from Pittwater
	Careel Creek	6/10/00	Mona Vale	56	345319	6277295	7.5	Tide would get to vicinity of footbridge near end of Central Road
Narrabeen Lagoon	Narrabeen Creek	9-10/5/00	Mona Vale	56	342364	6270260	2.4	Tide would get to culverts on Boondah Road
	Mullet Creek	5/5/00	Mona Vale	56	341854	6270140	2.0	Old weir 20m downstream from Jacksons Road
	Deep Creek	6-10/5/00	Mona Vale	56	338969	6269120	6.5	Tide would get to this vicinity, 300m downstream from large waterfall
	Middle Creek	6-10/5/00	Mona Vale	56	338489	6268030	6.5	Large culverts with a rise above 0.15m, 1.7km upstream from Narrabeen Lakes
	South Creek	5/5/00	Mona Vale	56	340279	6266690	6.0	Small old weir opposite 258 South Creek Road
	Narrabeen Lagoon	5/5/00	Mona Vale	56	-	-	-	Fully tidal lagoon
Dee Why Lagoon	Dee Why Lagoon	5/5/00	Mona Vale	56	-	-	-	Fully tidal lagoon when entrance is open
	(Dee Why) Creek	5/5/00	Mona Vale	56	341664	6264720	1.4	Entrance often closed but when open, tide reaches this point in concrete drain, 100m upstream from Pittwater Road
Curl Curl Lagoon	Greendale Creek	11/7/02	Sydney Heads	56	341594	6262330	1.2	Lagoon usually closed, tide gets to weir 925m downstream from Harbord Road
Manly Lagoon	Brookvale Creek	5/5/00	Sydney Heads	56	339659	6261520	2.8	Rise in creek, 150m upstream from Kentwell Road
	Manly Creek	5/5/00	Sydney Heads	56	339579	6261090	2.8	Large old weir 25m downstream from Condamine Street
	Burnt Bridge Creek	5/5/00	Sydney Heads	56	340054	6260080	2.0	Not tidal at upstream end of long culvert under Manly Golf Course

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Parramatta River	Carroll Creek	14/1/02	Parramatta River	56	333309	6263755	15.3	Large rock rise in creek 440m upstream from Middle Harbour Creek
	Middle Harbour Creek	9-10/1/97	Hornsby	56	331929	6264740	16.8	Rise in creek 270m upstream from creek bend at Bungaroo
	Rocky Creek	14/1/02	Hornsby	56	332149	6264405	16.2	260m upstream from Middle Harbour Creek
	Gordon Creek	Historical	Parramatta River	56	331839	6262950	14.9	825m upstream from Middle Harbour Creek
	Moores Creek	14/1/02	Parramatta River	56	332834	6262040	13.2	At rocky rise, 450m upstream from Middle Harbour Creek
	Scotts Creek	14/1/02	Parramatta River	56	334194	6259865	10.2	Large rock rise in creek, 2.2km upstream from Sugarloaf Point
	Camp Creek	14/1/02	Parramatta River	56	334869	6258860	9.2	Heavy reed growth starts at this point, 50m upstream from Sugarloaf Creek
	Sugarloaf Creek	14/1/02	Parramatta River	56	334864	6258770	9.2	Rise in creek, then grass and reed growth, 60m upstream from Camp Creek
	Flat Rock Creek	6/10/00	Parramatta River	56	334279	6256890	9.3	Large rise in creek, 475m upstream from suspension bridge on Strathallen Ave
	Swaines Creek	14/1/021	Parramatta River	56	329909	6258570	22.7	Rocky rise in creek, 20m from waterfall ,380m upstream from Lane Cove River
	Blue Gum Creek	Historical	Parramatta River	56	329934	6259440	23.7	585m upstream from Lane Cove River, 10m upstream from Sugarbag Creek
	Little Blue Gum Creek	Historical	Parramatta River	56	329189	6260100	23.9	625m upstream from Lane Cove River, 50m upstream from Lady Game Drive
	Lane Cove River	22-23/7/98	Parramatta River	56	329244	6259455	23.3	Large weir 200m upstream from Fullers Bridge
	Strangers Creek	20/7/00	Parramatta River	56	327364	6256915	19.6	Tide would be stopped by heavy reed growth within 60m of Buffalo Creek
	Buffalo Creek	20/7/00	Parramatta River	56	327034	6256650	20.0	Small rise in creek, 450m upstream from Strangers Creek
	Tarban Creek	14/1/02	Parramatta River	56	327504	6254450	16.4	1.0m rise in creek at old weir, 100m downstream from Manning Road
	Subiaco Creek	20/7/00	Parramatta River	56	317854	6257310	28.3	Rise in creek, 150m upstream from Victoria Road
	Vineyard Creek	20/7/00	Parramatta River	56	317429	6256905	30.0	Large rise in creek, 300m upstream from Parramatta River
	Parramatta River	22-23/7/98	Parramatta River	56	315819	6256770	30.3	Weir at Parramatta
	Duck Creek	22-23/7/98	Parramatta River	56	316004	6254240	30.7	Tide would get to William Street bridge
	Duck River	22-23/7/98	Parramatta River	56	316674	6254130	29.6	Large rise on upstream side of railway culvert
	Haslams Creek	7-8/5/00	Parramatta River	56	319079	6253015	23.0	Tide would get to this vicinity, 350m upstream from Great Western Highway
	Powells Creek	22-23/7/98	Parramatta River	56	323029	6251390	22.1	100m upstream from Allen Street bridge
Canada Bay	11/7/02	Parramatta River	56	325194	6250730	21.8	Tide would get to this vicinity 20m downstream from Great Western Highway	
Iron Cove Creek	6/10/00	Botany Bay	56	326719	6250165	18.1	Tide would get at least to this vicinity, 100m upstream from Parramatta Road	
Hawthorne Canal	6/10/00	Botany Bay	56	328419	6248255	18.5	Tide would get at least to this vicinity under railway bridge	
Botany Bay	Alexandra Canal	9/5/00	Botany Bay	56	-	-	-	Fully tidal canal all the way to Sheas Creek
	Sheas Creek	9/5/00	Botany Bay	56	332829	6246365	15.8 ²	Tide would get to a point 100m downstream from Huntley Road bridge
	Cooks River	7-8/5/00	Botany Bay	56	323389	6247165	21.9 ²	Tide would get to within 200m of Punchbowl Road bridge
	Wolli Creek	7-8/5/00	Botany Bay	56	327499	6243865	15.5 ²	Tide would get to vicinity of Bardwell Creek, 600m upstream from weir
	Muddy Creek	7-8/5/00	Botany Bay	56	328314	6240975	12.9 ²	Tide would get to vicinity of small bridge, 380m down from Princes Highway
Georges River	Saltpan Creek	7-8/5/00	Botany Bay	56	318469	6243700	30.3 ²	Tide would get to vicinity of footbridge/cycleway at end of Hoskins Street

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Georges River	Little Saltpan Creek	23-24/7/98	Botany Bay	56	317179	6240950	28.1 ²	Large rise through culverts at Uranus Street
	Kelso Creek	23-24/7/98	Liverpool	56	314704	6241800	34.9 ²	Heavy reed growth due north from northern end of Bismire Street
	Prospect Creek	7-8/5/00	Liverpool	56	311379	6249605	48.4 ²	Weir at rear of 97 Vine Street, 225m downstream from Konnemanns Bridge
	Orphan School Creek	23-24/7/98	Liverpool	56	310199	6248770	48.7 ²	Rise in creek, 40m downstream from path at end of Coral Place
	Cabramatta Creek	23-24/7/98	Liverpool	56	309279	6246615	47.9 ²	Large rise at railway bridge
	Georges River	23-24/7/98	Liverpool	56	308519	6244215	49.3 ²	At Liverpool Weir
	Lake Moore	6/6/01	Liverpool	56	-	-	-	Fully tidal lake is tidal with no significant creeks entering
	Harris Creek	31/1/02	Liverpool	56	311584	6240900	36.0 ²	At creek crossing 500m downstream from Heathcote Road
	Williams Creek	31/1/02	Liverpool	56	312284	6240055	36.3 ²	On downstream side of old weir, 130m downstream from railway bridge
	Deadmans Creek	6-9/5/00	Liverpool	56	314394	6236740	33.5 ²	1.5km upstream from bridge on Heathcote Road
	Mill Creek	6-9/5/00	Port Hacking	56	315829	6235490	29.5 ²	Small rise in creek 280m upstream from weir
	Woronora River	6-7/6/97	Port Hacking	56	316004	6230910	28.7 ²	Downstream side of causeway and rocky falls near Pass of Sabugal
	Forbes Creek	31/1/02	Port Hacking	56	318989	6232085	24.6 ²	Large rise in creek, 75m upstream from Loftus Creek
	Loftus Creek	4/5/00	Port Hacking	56	319104	6231855	24.8 ²	225m upstream from Forbes Creek
	Oyster Gully	10/7/02	Port Hacking	56	322384	6234185	19.1 ²	Old weir or pipeline 10m upstream from footbridge at end of Carvers Road
Gwawley Creek	10/7/02	Port Hacking	56	324799	6234285	14.3 ²	Very large rise in creek 375m upstream from Port Hacking Road	
Port Hacking	Yowie Gully	4/5/00	Port Hacking	56	325089	6231595	9.5	Large rise in creek, 20m upstream from end of Clifford Road
	Dents Creek	24/7/00	Port Hacking	56	322549	6230625	10.3	Large rise in creek near pipeline
	Savilles Creek	24/7/00	Port Hacking	56	-	-	-	Not tidal - enters Dents Creek above tidal limit
	Hacking River	6-7/6/97	Port Hacking	56	320729	6228005	14.1	Downstream side of Audley Weir
	South West Arm Creek	4/5/00	Port Hacking	56	322734	6226290	9.4	325m downstream from Winifred Falls
	Cabbage Tree Creek	24/7/00	Port Hacking	56	326664	6225750	6.3	Large rise in creek, 1.8km upstream from footbridge
Wattamolla Creek	Wattamolla Creek	4/6/01	Otford	56	326199	6221365	1.1	Large rise in creek, 575m upstream from entrance
	Cootes Creek	4/6/01	Otford	56	326194	6221030	-	Not tidal due to large rise at Wattamolla Falls
Hargraves Creek	Hargraves Creek	10/7/02	Appin	56	314809	6210775	0.28	Entrance usually closed - tide gets to large rise midway between footbridges
Stanwell Creek	Stanwell Creek	10/7/02	Appin	56	314369	6210395	0.40	Large rise downstream of causeway on Lower Coast Road
Hewitts Creek	Hewitts Creek	31/1/02	Bulli	56	308794	6200135	0.40	Small rise and heavy reed growth at this point, 500m downstream from railway
Woodlands Creek	Woodlands Creek	31/1/02	Bulli	56	308874	6199780	0.18	Heavy reed growth starts at upstream end of culvert under cycleway/walkway
	Tramway Creek	31/1/02	Bulli	56	308864	6199720	0.18	Heavy reed growth would stop tide 30m upstream from pipeline across creek
Slacky Creek	Slacky Creek	31/1/02	Bulli	56	308859	6199000	0.60	Heavy reed growth starts 15m downstream from footbridge
Whartons Creek	Whartons Creek	10/7/02	Bulli	56	308834	6198250	0.35	Entrance usually closed - tide could get to small rise 30m upstream from bridge on Farrell Road
Collins Creek	Collins Creek	10/7/02	Bulli	56	308469	6197505	0.50	Small rises at rocky crossing 175m upstream from bridge on Carrington Street

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Bellambi Gully	Farrahars Creek	4/6/01	Bulli	56	308519	6195775	0.80	Not tidal due to large rise and reed growth at junction with Bellambi Gully
	Bellambi Gully (West Branch)	4/6/01	Bulli	56	308289	6195850	1.0	At start of flat concrete drain 15m upstream from Bellambi Gully
	Bellambi Gully	4/6/01	Bulli	56	308304	6195850	1.0	Heavy reed growth at junction with west branch drain
Bellambi Lake	Bellambi Lake	10/7/02	Bulli	56	308709	6194645	0.71	Entrance often closed - tidal to large rise at causeway near Turner Esplanade
Towradgi Creek	Towradgi Creek	8-9/5/00	Wollongong	56	307174	6193715	1.9	Small weir formed by pipeline crossing, 50m upstream from railway bridge
Fairy Creek	Towradgi Arm	8-9/5/00	Wollongong	56	307664	6192715	2.6	Small pipeline crossing, 50m downstream from junction of three creeks
	Cabbage Tree Creek	8-9/5/00	Wollongong	56	306614	6191640	1.9	Small rise in creek, 20m downstream from bridge on Montague Street
	Fairy Creek	8/5/00	Wollongong	56	306254	6189885	1.5	Heavy reed growth 100 -150m upstream from Flinders St (Princes Hwy) bridge
Tom Thumbs Lagoon	North Arm - West Branch	5-6/6/97	Wollongong	56	305554	6186635	5.0	Near BHP Flat Products Division entrance road
	American Creek	5-6/6/97	Wollongong	56	303639	6186293	6.1	Downstream side of weir, 975m upstream from Allans Creek
	Allans Creek	14/3/01	Wollongong	56	303379	6185465	5.3	Large rise in creek 100m upstream from American Creek
Lake Illawarra	Hooka Creek	31/1/02	Wollongong	56	301049	6182535	9.5	Tide would not get 10m upstream from end of culverts under Hooka Creek Rd
	Mullet Creek	31/1/02	Wollongong	56	298649	6182435	11.5	Large rise at old weir, 400m downstream from railway line
	Brooks Creek	9/5/00	Wollongong	56	299119	6180515	8.1	Small weir at rear of 15 William Beach Road
	Duck Creek	9/5/00	Albion Park	56	297514	6176970	8.6	Large rise at old culverts under old railway bridge, 1.9km upstream from Lake
	Wollingurry Creek	31/1/02	Albion Park	56	297829	6176385	8.2	Heavy reed growth stops tide 225m upstream from Duck Creek
	Macquarie Rivulet	4/6/01	Albion Park	56	296304	6174790	10.9	Large rise at old weir 550m upstream from Princes Highway bridge
	Koona Bay	4/6/01	Albion Park	56	297704	6174265	9.1	Bay is tidal with no significant creeks entering
Little Lake	Bensons Creek	31/1/02	Albion Park	56	303969	6174670	1.8	Tide would get to vicinity of footbridge at end of Joan Avenue
	(Barrack Swamp) Creek	31/1/02	Albion Park	56	304044	6172015	2.0	Large rise in creek 10m upstream from Shellharbour Road at edge of swamp
Minnamurra River	Rocklow Creek	8-9/5/00	Albion Park	56	301404	6167880	3.9	Heavy reed growth 325 upstream from Princes Highway
	Minnamurra River	30/1/02	Kiama	56	299464	6164490	9.6	Rapids 250m downstream from bridge on Browns Lane
	Jerrara Creek	10/7/02	Kiama	56	301369	6164630	8.4	Rise in creek directly below eastern side of new raised freeway - creek course not as marked on map so limit may be different when construction finishes
Spring Creek	Spring Creek	4/6/01	Kiama	56	302599	6162355	1.0	Large rise through culverts 900m upstream from entrance
Munna Munnora Creek	Munna Munnora Creek	30/1/02	Kiama	56	303054	6159130	0.50	Entrance usually closed but tide could get to concrete causeway in caravan park
Werri Lagoon	Ooaree Creek	1-2/8/96	Kiama	56	301064	6154880	1.6	50m upstream of Highway culvert in heavy reed growth
	Werri Gully	4/8/00	Kiama	56	301054	6154015	2.1	Not tidal on upstream side of Fern Street
	Werri Lagoon	4/8/00	Kiama	56	-	-	-	Fully tidal lagoon
Crooked River	Crooked River	5-6/6/97	Gerroa	56	298789	6151820	3.1	Heavy reed growth upstream from this point
	Blue Angle Creek	6/6/01	Gerroa	56	297589	6149400	3.1	Leakage through floodgates would be stopped by reed growth 300m upstream

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Shoalhaven River	Bevan Creek	20/11/05	Berry	56	289284	6139730	12.6	Heavy reed growth starts at this point
	Broughton Creek	31/7-1/8/96	Berry	56	290494	6149650	27.8	120m upstream from railway bridge
	Broughton Mill Creek	12-17/6/99	Berry	56	289824	6149170	27.6	Rise in creek, 15m upstream from railway bridge
	Tandingulla Creek	9/7/02	Berry	56	285484	6143710	16.3	Floodgates at Sopers Road in good condition
	Bomaderry Creek	12-13/6/99	Berry	56	280079	6140640	21.7	Rise in creek, 30m upstream from She Oak Crossing on walking track
	Shoalhaven River	31/7-1/8/96	Burrier	56	267229	6139005	50.2	Tide would reach to vicinity of Meadow Creek, Burrier
	Calymea Creek	6/6/01	Yalwal	56	271154	6134240	44.2	500m upstream from Burrier Road bridge
	Cabbage Tree Creek	4/6/01	Nowra	56	277004	6138135	24.9	7-8m high waterfall, 700m upstream from Shoalhaven River
	Flat Rock Creek	4/8/00	Berry	56	279094	6138355	22.5	Heavy reed growth upstream from this point 250m north from <i>The Depot</i> farm
	Nowra Creek	12/6/99	Nowra	56	279694	6137340	22.0	Rise in creek 100m upstream from ford
Crookhaven River	Curries Creek (Comerong Bay)	4/8/00	Nowra/Berry	56	-	-	-	Fully tidal creek is connected to Shoalhaven River
	Saltpan Creek	12/6/99	Nowra	56	288914	6133100	11.6	On upstream side of causeway near bend in Bournes Lane
	Crookhaven Creek	31/7-1/8/96	Nowra	56	287084	6135330	16.4	Downstream side of floodgates
	Crookhaven River	12/6/99	Nowra	56	289454	6131515	9.6	Downstream side of floodgates
Lake Wollumboola	Coonemia Creek	-	Nowra	56	-	-	-	Not done yet - entrance usually closed
Curarong Creek	Curarong Creek	3-5/6/97	Curarong	56	300404	6122640	1.7	At end of fence line running from corner of Nowra Road
Jervis Bay	Duck Creek	9/7/02	Curarong	56	298364	6118270	1.8	Entrance often closed - tide gets to rocky rise 1.8km upstream from Target Bch
	Carama Creek	8/7/02	Crookhaven	56	296329	6127320	17.3	Tide would disperse into wetland 1.4km upstream from Cabbage Tree Creek
	Cabbage Tree Creek (North)	8/7/02	Crookhaven	56	295699	6127280	18.5	Small rises and heavy reed growth 1.5km upstream from south branch
	Cabbage Tree Creek (South)	8/7/02	Crookhaven	56	294854	6126340	18.1	Creek dries up - grass and reeds stop tide 1.2km upstream from north branch
	Wowly Gully	5/6/01	Nowra	56	292544	6126215	15.3	Entrance usually closed but when open tide would disperse into wetland in this vicinity, 100m upstream from powerline and fenceline
	Callala Creek	6/6/01	Huskisson	56	290179	6124565	15.1	Heavy reed growth and wetland 30m upstream from Callala Beach Road
	Georges Creek	28/1/02	Nowra	56	284154	6125240	23.2	Tidal at least to this vicinity, 700m due east from <i>Comberton Grange</i> farm
	Currambene Creek	31/7-1/8/96	Nowra	56	280754	6127630	29.6	350m downstream from Highway bridge
	Moona Moona Creek	4/8/00	Huskisson	56	286239	6118605	14.3	Heavy reed growth upstream from this point, 2.3km upstream from entrance
	Flat Rock Creek (North)	24/6/01	Huskisson	56	290214	6110910	8.2	Heavy reed growth and wetland, 130m upstream from footbridge
	Flat Rock Creek (West)	24/6/01	Sussex Inlet	56	290249	6110710	8.1	Rise in creek and heavy reed growth, 150m upstream from footbridge
Telegraph Creek	24/6/01	Sussex Inlet	56	292504	6109340	6.9	Large rise in creek at base of large sloping rock shelf, 625m from entrance	
Stony Creek	Stony Creek	25/6/01	Sussex Inlet	56	295434	6106155	0.50	Rise in creek 450m from ocean
St Georges Basin	Worrowing Waterway	16-17/6/99	Huskisson	56	285794	6115200	17.6	190m downstream from The Wool Road
	Tomerong/Cockrow Creek	16-17/6/99	Huskisson	56	283564	6114115	17.8	Tide would get at least 200m upstream from this drain junction

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
St Georges Basin	Bollerang Creek	8/7/02	Huskisson	56	273589	6114640	19.9	Two small rises in creek 50m downstream from Princes Highway bridge
	Wandandian Creek	3-4/6/97	Huskisson	56	272644	6113290	21.9	200m downstream from Highway bridge
	Cow Creek	16-17/6/99	Sussex Inlet	56	273914	6110280	16.9	15m downstream from old log bridge, 175m from Sussex Inlet Road
	Boorooungan Creek	16-17/6/99	Sussex Inlet	56	277704	6109915	13.0	Heavy reed growth would stop tide 100m upstream from where large old tree has fallen across creek 2.9km upstream from One Tree Point
	Bae-al Creek	30/1/02	Sussex Inlet	56	279819	6109060	7.7	Rise in creek and reed growth 375m upstream from Jew Fish Bay
	Sussex Inlet	3-4/6/97	Sussex Inlet	56	-	-	-	Fully tidal inlet
Swan Lake	Teatree Creek	-	Sussex Inlet	56	-	-	-	Not done yet - entrance usually closed
	Mondayong Creek	-	Sussex Inlet	56	-	-	-	Not done yet - entrance usually closed
	Swan Lake Inlet	-	Sussex Inlet	56	-	-	-	Entrance closed, but when open inlet would be fully tidal
Berrara Creek	Berrara Creek	2/8/00	Sussex Inlet	56	274074	6101700	3.8	Rocky rise in creek, 3.5km upstream from entrance
Nerrindillah Creek	Nerrindillah Creek	-	Sussex Inlet	56	-	-	-	Not done yet – entrance usually closed
Washerwomans Creek	Washerwomans Creek	8/7/02	Sussex Inlet	56	274919	6097515	0.6	Small rises in creek 200m upstream from bridge
Conjola Lake	Berringer Lake	6/6/01	Milton	56	272654	6096290	3.5	Lake is tidal with no significant creeks entering
	Luncheon Creek	16-17/6/99	Tianjara	56	267264	6100225	11.4	At junction of old and new creek line, 225m upstream from Conjola Creek
	Conjola Creek	12-15/11/96	Tianjara	56	266604	6100030	12.2	150m downstream from Highway
	Gooloo Creek	12-15/11/96	Tianjara	56	266679	6098805	11.3	150m downstream from Highway at natural rock ford
	Bunnair Creek	15/6/99	Tianjara	56	267219	6099050	10.7	Saltmarsh in this vicinity, 260m upstream from Gooloo Creek
	Conjola Lake	12-15/11/96	Tianjara	56	-	-	-	Fully tidal lake
	Pattimores Lagoon	5/6/01	Milton	56	270529	6093810	3.8	Rise in creek with heavy reed and grass growth, 25m upstream from lagoon
Narrawallee Inlet	Narrawallee Creek	25-26/5/97	Milton	56	266719	6093405	7.1	Heavy reed growth, 2.9km upstream from Croobyar Creek
	Croobyar Creek	25-26/5/97	Milton	56	266844	6091540	7.0	Downstream side of weir at <i>Avonlea</i> farm
Mollymook Creek	Mollymook Creek	30/1/02	Milton	56	269824	6086780	0.8	Entrance usually closed but tide could get to slight rise, 750m from entrance
Millards Creek	Millards Creek	14/3/01	Milton	56	270264	6084640	0.65	At weir 30m upstream from St Vincent St bridge 650m from harbour entrance
Burrill Lake	Stony Creek	2-4/6/97	Milton	56	265454	6085915	10.0	Downstream side of natural rocky causeway, 4.0km upstream from Burrill Lake
	(South West Arm) Creek	15-16/6/99	Tabourie	56	264429	6081265	6.8	Heavy reed growth starts here
Tabourie Lake	Tabourie Creek	12-14/11/96	Tabourie	56	-	-	-	Fully tidal creek all the way to Tabourie Lake
	Lucy Kings Creek	12-14/11/96	Tabourie	56	265214	6079190	6.6	Heavy reed growth starts here 100m from Wheelbarrow Road
	Munno Creek	12-14/11/96	Tabourie	56	263754	6078466	6.4	Tidal to bridge on Munno Road
	Brandaree Creek	16/6/99	Tabourie	56	263734	6075636	5.5	At crossing 2.3km upstream from Tabourie Creek
	Lemon Tree Creek	16/6/99	Tabourie	56	263644	6074216	3.1	Tide would reach at least to this point, 1.6km upstream from Tabourie Creek
Termeil Lake	Termeil Creek	25-26/5/97	Tabourie	56	261269	6072801	4.3	At crossing 220m upstream from Highway bridge

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Meroo Lake	Reedy Creek	-	Tabourie	56	-	-	-	Not done yet - entrance usually closed
Willinga Lake	(Willinga) Creek	8/7/02-	Kiola	56	261189	6066906	3.3	Tidal to this vicinity 1.4km upstream from bridge on Bawley Point Road
Butlers Creek	Butlers Creek	8/7/02	Kiola	56	262359	6062926	1.0	Tidal to this vicinity 150m upstream from bridge on Murramerang Road
Durras Lake	Cumbralaway/Ryans Creek	24-26/5/97	Kiola	56	251969	6056066	9.3	At road bridge near East Lynne
	Benandarah Creek	24-26/5/97	Nelligen/Durras	56	250859	6053366	9.0	Downstream from this point, 1.8km upstream from Durras Lake
(Durras) Creek	(Durras) Creek	28/1/02	Durras	56	254479	6050316	1.1	Entrance usually closed, tide would disperse in this vicinity, 1.1km from ocean
Cullendulla Creek	Cullendulla Creek	13-15/6/99	Nelligen	56	247529	6048216	4.1 ⁴	Saltmarsh in this vicinity, 3.1km upstream from Batemans Bay
Clyde River	Sheep Station Creek	13-14/6/99	Nelligen	56	243754	6049391	13.6 ⁵	20m upstream from old road culverts
	Water Creek	30/1/02	Nelligen	56	243739	6052346	20.1 ⁵	Raised causeway 625m upstream from Cyne Mallows Creek
	Bridge Creek	13-14/6/99	Nelligen	56	244619	6052861	21.8 ⁵	70m downstream from ford
	Cyne Mallows Creek	13-14/6/99	Nelligen	56	244364	6053511	21.7 ⁵	150m downstream from ford
	Cockwhy Creek	13-14/6/99	Currowan	56	248219	6062966	41.0 ⁵	Tide would reach to vicinity of junction with Ryans Creek
	Clyde River	13-14/11/96	Currowan	56	247315	6067531	43.6 ⁵	Rapids 4.2km upstream from Shallow Crossing
	Currowan Creek	13-14/6/99	Currowan	56	242504	6059891	32.1 ⁵	10m downstream from causeway
	Nelligen Creek	25-27/9/96	Nelligen	56	239479	6052106	18.1 ⁵	Near Braidwood Road, 350m west of River Road intersection
	Buckenbowra River	13-14/11/96	Nelligen	56	235254	6042241	18.0 ⁵	500m downstream from ford on Quart Pot Road, may get to ford
	Mundarlow Creek	15/6/99	Nelligen	56	239469	6043041	8.6 ⁵	Tide may get to upstream side of road crossing
	Waterfall Creek	14-15/6/99	Mogo	56	241504	6039966	11.0 ⁵	At small bends in creek, 225m downstream from Runnyford Road bridge
	Tomahawk Creek	14/6/99	Mogo	56	241714	6039926	11.0 ⁵	Tidal for less than 10m from Waterfall Creek
	Deep Creek	15/6/99	Nelligen	56	242454	6040931	10.2 ⁵	Tide would reach to this vicinity, 2.5km upstream from Waterfall Creek
	McLeods Creek	30/1/02	Nelligen	56	243804	6043321	3.0 ⁵	Disperses into wetland 2.4km upstream from Lattas Point on Clyde River
Batemans Bay	Hanging Rock Creek	28/1/02	Nelligen	56	245334	6043456	2.5 ⁴	Heavy reed growth 25m from 4 th tee on golf course, 650m from Beach Road
	Joes Creek	28/1/02	Nelligen	56	246344	6041721	1.7	Entrance usually closed, reed growth starts 1.2km upstream from Beach Road
	(Surf Beach) Creek	8/7/02	Mogo	56	247674	6039321	0.38	Large rise in creek 100m upstream from bridge on Beach Road
Saltwater Creek	Saltwater Creek	29/1/02	Mogo	56	248709	6033151	0.15	Entrance usually closed but tide could get to large rise 150m from ocean
Tomaga River	Tomaga River	30-31/8/96	Mogo	56	243554	6034931	11.5	20m downstream from south branch culvert on Tomakin Road
	Mogo Creek	30-31/8/96	Mogo	56	242079	6035886	11.7	Downstream side of bend, 550m along Tomakin Road from Highway
	Jeremadra Creek	30-31/8/96	Mogo	56	241429	6034656	9.8	Downstream side of weir
Candlagan Creek	Candlagan Creek	14-15/6/99	Mogo	56	243219	6031291	3.4	Tide spreads into wetland in this vicinity 500m upstream from Lynchs Creek
	Lynchs Creek	14-15/6/99	Mogo	56	243254	6030791	3.8	Heavy reed growth starts here 800m upstream from Candlagan Creek
Moruya River	Malabar Creek	5-6/2/96	Moruya	56	237029	6025191	8.2	On downstream side of Highway culvert
	Dooga Creek	29/1/02	Moruya	56	237454	6024381	6.7	Slight rise and grass growth starts 525m upstream from Malabar Creek
	Mogendoura Creek	1/8/00	Moruya	56	233739	6024396	13.0	Slight rise in creek, 325m upstream from bridge

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Moruya River	Golden Gully	1/8/00	Moruya	56	233664	6024246	13.0	Heavy reed growth starts here, 120m upstream from Mogendoura Creek
	Moruya River	6-7/2/96	Moruya	56	-	-	-	Fully tidal river all the way to Deua River
	Deua River	6-7/2/96	Moruya	56	232079	6020366	20.8	1.9km upstream from Wamban Creek
	Wamban Creek	21-24/5/97	Moruya	56	233254	6018881	19.7	625m upstream from Deua River
	Candoin Creek	31/7/00	Moruya	56	233599	6019161	19.7	Rise in creek at ford, 450m upstream from Wamban Creek
	Racecourse Creek	29/1/02	Moruya	56	236399	6021461	7.5	Heavy reed growth stops tide by this point, 575m upstream from Highway
Congo Creek	Congo Creek	5-7/2/97	Moruya	56	241419	6018756	4.8	160m upstream from bridge on road to Congo
Meringo Creek	Meringo Creek	-	Moruya	56	-	-	-	Not done yet - entrance usually closed
Kellys Lake	Kellys Lake	29/1/02	Bodalla	56	243014	6011471	1.1	Entrance usually closed but tide could get to rise in creek, 1.1km from entrance, 20m upstream from narrow passage through natural rock barrier
Coila Lake	Coila Creek	Historical	Bodalla	56	237329	6011041	7.8	Entrance often closed but tide gets to this point, 1.9km upstream from Highway
Tuross River	Smarts Creek (North)	31/7/00	Bodalla	56	237199	6008331	7.5	Causeway 70m upstream from junction
	Smarts Creek (West)	31/7/00	Bodalla	56	237174	6008241	7.5	Causeway 40m upstream from junction
	Trunketabella Creek		Bodalla	56	234754	6007216	9.6	Tide disperses into wetland 1.4km upstream from Princes Highway bridge
	Little Bumbo Creek	Historical	Bodalla	56	230734	6007221	25.8	175m upstream from Bumbo Creek
	Bumbo Creek	7-8/2/97	Bodalla	56	230444	6006981	25.9	Downstream side of 0.4m rise in creek
	Bumbo Lake	7-8/2/97	Bodalla	56	-	-	-	Fully tidal lake
	Tuross River	7-8/2/97	Bodalla	56	231104	5998756	25.0	In vicinity of bridge near <i>Bonney Doone</i> farm
	Borang Lake/Creek	31/7/00	Bodalla	56	236059	6002196	9.7	Small rise in creek upstream of old ford, 500m upstream from Borang Lake
Lake Tarourga	Lake Tarourga	-	Bodalla	56	-	-	-	Not done yet – entrance usually closed
Lake Brou	Stoney Creek	Historical	Narooma	56	238119	5997731	4.1	250m upstream from Whittakers Creek
	Whittakers Creek	Historical	Narooma	56	237939	5997156	4.6	750m upstream from Princes Highway bridge
Lake Mummuga	Lawlers Creek	6-7/2/97	Narooma	56	238569	5994641	3.6	At ford 240m upstream from Highway bridge
Kianga Lake	Kianga Creek	-	Narooma	56	-	-	-	Not done yet – entrance usually closed
Wagonga Inlet	Cowdroy Creek	30/7/00	Narooma	56	234379	5989676	11.4	Grass growing across creek 5m upstream from Wagonga Scenic Drive bridge
	Billa Bilba Creek	7-8/2/97	Narooma	56	234254	5989541	11.5	At bar 140m upstream from Wagonga Scenic Drive bridge
	Burrinbidgee Creek	7-8/2/97	Narooma	56	235004	5988381	11.2	At bar 135m upstream from Wagonga Scenic Drive bridge
	Punkally Creek	7-8/2/97	Narooma	56	236154	5985766	9.3	930m upstream from Wagonga Scenic Drive bridge
Little Lake	Growlers Gully	-	Narooma	56	-	-	-	Not done yet – entrance usually closed
Bullengella Lake	Bullengella Lake	-	Narooma	56	-	-	-	Not done yet – entrance usually closed
Nangudga Lake	Nangudga Creek	8/2/97	Narooma	56	241824	5985586	3.4	Downstream side of weir 100m downstream from Old South Coast Road
Nargal Lake	Nargal Lake	30/7/00	Central Tilba	56	-	-	-	Lake is not tidal, entrance permanently closed by high well vegetated dune

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Corunna Lake	Olsons Creek	-	Central Tilba	56	-	-	-	Not done yet – entrance usually closed
	Corunna Lake (West Arm)	Historical	Central Tilba	56	239694	5981761	4.3	375m upstream from bridge, 3.3km upstream from Princes Highway bridge
	Corunna Lake (SW Arm)	Historical	Central Tilba	56	239954	5980426	3.0	Near bridge near <i>Glen Eden</i> Farm, 1.9km upstream from Princes Hwy bridge
Tilba Tilba Lake	Victoria Creek	30/7/00	Central Tilba	56	241204	5978716	3.6	Old weir 250m downstream from bridge on road to <i>Sunnyside</i> farm
Little Lake	Little Lake	-	Central Tilba	56	-	-	-	Not done yet – entrance usually closed
Wallaga Lake	Dignams Creek	6-7/2/97	Wandabella	55	768913	5972534	11.1	Downstream side of weir
	Narira Creek	6-7/2/97	Bermagui	56	233389	5969201	10.0	1km upstream from bend at Kitchen Hole
Bermagui River	Bermagui River	13/12/96	Bermagui	56	-	-	-	Fully tidal river all the way to Nutleys Creek
	Coolagolite Creek	30/7/00	Bermagui	56	231994	5966026	9.9	Small rise in creek at ford, 1.9km upstream from Nutleys Creek
	Myrtle Creek	13/12/96	Bermagui	56	-	-	-	Not tidal, enters Nutleys Creek above tidal limit
	Nutleys Creek	13/12/96	Bermagui	56	231454	5964816	10.4	Downstream side of ford
Baragoot Lake	Mangans Creek	-	Bermagui	56	-	-	-	Not done yet – entrance usually closed
Cuttagee Lake	Cuttagee Creek	Historical	Bermagui	56	233139	5957641	3.7	125m downstream from ford near <i>Clearwater</i> Farm
Murrah River	Arnolds Gully	Historical	Murrah	56	233729	5954941	4.2	425m upstream from Murrah River
	Murrah River	5-6/2/97	Murrah	56	233359	5954131	4.9	230m west of <i>Murrah</i> farm
Bunga Lagoon	Brockelos Creek	-	Murrah	56	-	-	-	Not done yet – entrance usually closed
Wapengo Lake	Wapengo Creek	12-13/12/96	Brogo	55	767463	5946589	7.6	At reeds 560m upstream from bridge
Middle Lagoon	Sandy Creek	-	Bega	55	-	-	-	Not done yet – entrance usually closed
Nelson Lagoon	Nelson Creek	5-6/2/97	Bega	55	765153	5936909	3.4	350m upstream from bridge
Bega River	Bega River	22-23/5/97	Bega	55	756908	5934074	14.6	North of Bargo Lagoon
	Jellat Jellat Gully	Historical	Bega	55	759333	5932324	12.8	Benooka Lake was tidal but now a weir 450m upstream from Russels Bridge
Wallagoot Lake	Wallagoot Lagoon	-	Wolumla	55	-	-	-	Not done yet – entrance usually closed
Bondi Lake	Bondi Lake	29/1/02	Wolumla	55	-	-	-	Lake not tidal - no outlet to ocean
Bournda Lagoon	Bournda Lagoon	29/1/02	Wolumla	55	-	-	-	Not done yet - entrance usually closed
Sandy Beach Creek	Sandy Beach Creek	29/1/02	Wolumla	55	760748	5920939	2.2	Entrance usually closed but tide could get to gravel bar 2.0km from entrance
Back Lagoon	Merrimbula Creek	Historical	Pambula	55	759458	5913859	2.9	450m downstream from bridge on road to Tathra, entrance usually closed
Merimbula Lake	Boggy Creek	12/12/96	Pambula	55	755838	5914524	6.8	Rise in creek 60m upstream of Princes Highway bridge
	Bald Hills Creek	29/1/02	Pambula	55	756123	5911569	5.5	Small rises in creek 50m downstream from Princes Highway culverts
Pambula Lake	Pambula River	11-12/12/96	Pambula	55	755628	5908059	9.8	100m downstream from Highway bridge
	Yowaka River	11-12/12/96	Pambula	55	755538	5904224	9.8	At bend 250m upstream from Pipeclay Creek
Curalo Lagoon	Palestine Creek	29/7/00	Eden	55	758163	5896509	2.4	Small rise in creek 160m downstream from Government Road bridge
Twofold Bay	Mangaema Creek	17/7/01	Eden	55	756728	5892974	0.30	Rise and heavy reed growth, 325m upstream from Twofold Bay
	Shadrachs Creek	17/7/01	Eden	55	755398	5892724	0.60	Rise through culverts 625m upstream from Quarantine Bay, Twofold Bay

Table 4.1 NSW Tidal Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Twofold Bay	Brandy Creek	17/7/01	Eden	55	755298	5892084	0.05	Entrance usually closed, large rise in creek 50m from Twofold Bay
	Nullica River	10-11/12/96	Eden	55	752878	5890659	3.0	At second rock weir going upstream, 950m upstream from Leos Creek
	Leos Creek	10-11/12/96	Eden	55	753073	5890224	3.3	At causeway on road crossing
	Reedy Creek	18/7/01	Eden	55	754518	5890199	1.7	Heavy reeds 50m from this point, under powerlines, 375m from Nullica River
	Boydton Creek	18/7/01	Eden	55	755528	5889439	1.0	Reed growth downstream from bridge, 1.0km upstream from Twofold Bay
	Towamba River	10-12/12/96	Kiah	55	753838	5884434	12.3	50m downstream from Jack Seiffert Bridge
	Fisheries Creek	18/7/01	Eden	55	759998	5887569	2.7	Small rise in creek, 2.7km upstream from East Boyd Bay
Saltwater Creek	Saltwater Creek	18/7/01	Kiah	55	765433	5882624	1.7	Large rise 100m upstream from rocky rapids that are 1.6km from entrance
Woodburn Creek	Woodburn Creek	18/7/01	Kiah	55	765563	5881004	2.4	Two large rises 4m apart, 2.5km upstream from entrance
Bittangabee Creek	Bittangabee Creek	18/7/01	Kiah	55	766903	5877429	1.8	Rise in creek downstream from track crossing, 1.4km due west from outer north headland of Bittangabee Bay
Wonboyn River	Bull Creek (North)	29/7/00	Kiah	55	759213	5877864	8.5	Rise in creek 30m upstream from junction with west branch
	Bull Creek (West)	29/7/00	Kiah	55	-	-	-	Rocky creek bed not tidal
	Wonboyn River	10-11/12/96	Kiah	55	756788	5873734	11.4	300m upstream from bend west of cemetery
Merrica River	Merrica River	19/7/01	Narrabarba	55	760988	5867749	2.0	Large rise in river at rocky rapids, 2.0km upstream from entrance
Wirra Birra Creek	Wirra Birra Creek	21/7/01	Narrabarba	55	-	-	-	Not done yet - entrance usually closed for extended periods, very small creek
Table Creek	Table Creek	19-20/7/01	Nadgee	55	760943	5856569	1.1	Rise in creek 4m upstream from old causeway 1.1km upstream from ocean
	Little Creek	20/7/01	Nadgee	55	760368	5856004	1.3	Rise in creek at old concrete causeway which is 150m upstream from rock rapid, limit is 1.3km upstream from entrance
Nadgee River	Nadgee River	20-21/7/01	Nadgee	55	760183	5853464	3.7	Small rise in river 200m downstream from actual track crossing near Harrys Hut, note this track crossing is marked incorrectly on topographic map
	Wombat Creek	20-21/7/01	Nadgee	55	760008	5852649	3.8	Wooden bridge on track from Harrys Hut to Nadgee Lake 3.8km upstream from entrance - this track crossing is marked incorrectly on topographic map
Nadgee Lake	Nadgee Lake	20/7/01	Nadgee	55	-	-	-	Not done yet - entrance usually closed, no significant creek, tide would disperse into wetland

Note 1 Distance from the ocean via Bartlets Creek

Note 2 Distance from the entrance to Botany Bay (a line between Cape Banks and Cape Solander)

Note 3 Distance from a line from Point Perpendicular to Bowen Island

Note 4 Distance from a line across the bay from Square Head

Note 5 Distance from the Princes Highway Bridge

Table 4.2 NSW Tidal Limits - Alphabetical Listing

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Alexandra Canal	Botany Bay	9/5/00	Botany Bay	56	-	-	-	Fully tidal canal all the way to Sheas Creek
Alipou Creek	Clarence River	15/11/00	Grafton	56	494754	6714517	66.3	Earth wall (levee bank) 200m upstream from Clarence River
Allans Creek	Tom Thumbs Lagoon	14/3/01	Wollongong	56	303379	6185465	5.3	Large rise in creek 100m upstream from American Creek
Allards Creek	Khappinghat Creek	16/5/99	Hallidays Point	56	453189	6457319	9.0	Expect tide to get at least to this point, 200m upstream from Rainbow Gully
American Creek	Tom Thumbs Lagoon	5-6/6/97	Wollongong	56	303639	6186293	6.1	Downstream side of weir, 975m upstream from Allans Creek
Apple Tree Creek	Hawkesbury River	6/12/01	Hornsby	56	328339	6274460	19.5	Large rock rise upstream from this point, 800m upstream from Apple Tree Bay
Arnolds Gully	Murrumbidgee River	Historical	Murrumbidgee	56	233729	5954941	4.2	425m upstream from Murrumbidgee River
Arrawarra Creek	Arrawarra Creek	16/11/01	Woolgoolga	56	517824	6673908	1.9	Dry rocky rise in creek, 450m upstream from Little Arrawarra Gully
Arrawarra Gully	Arrawarra Creek	3/6/00	Woolgoolga	56	517924	6675393	2.0	Not tidal at this point on downstream side of Pacific Highway
Arrawarra Gully (North)	Arrawarra Creek	28/6/02	Woolgoolga	56	518594	6676248	2.2	Small rises in creek with reeds and grass growth 20m downstream from pond at rear of caravan park, 1.4km upstream from Arrawarra Gully
Ashdale Creek	Hawkesbury River	19/2/00	Gunderman	56	319470	6295690	44.5	Small rise in creek 300m upstream from Layburys Creek
Avoca Lake	Avoca Lake	10-11/5/01	Gosford	56	-	-	-	Fully tidal lake
Bae-al Creek	St Georges Basin	30/1/02	Sussex Inlet	56	279819	6109060	7.7	Rise in creek and reed growth 375m upstream from Jew Fish Bay
Bald Hills Creek	Merimbula Lake	29/1/02	Pambula	55	756123	5911569	5.5	Small rises in creek 50m downstream from Princes Highway culverts
Balyngara/Saltwater Creek	Hastings River	9/10/98	Port Macquarie	56	477179	6528529	23.1	390m upstream from bridge
Banks Creek	Hawkesbury River	5/12/01	Cowan	56	323759	6281860	33.3	Rocky rise in creek, 1.4km upstream from Calabash Point
Barcoongere River (East)	Wooli Wooli River	20/5/03	Red Rock	56	519764	6692632	18.9	Reedy rises in creek 1.5km upstream from main branch
Barcoongere River (Main)	Wooli Wooli River	16/12/97	Red Rock	56	519179	6693727	17.9	3.9km upstream from Wooli Wooli River
Bartlets Creek	Tweed River	25/6/02	Murwillumbah	56	-	-	-	Fully tidal creek connected to Main Trust Canal
Batar Creek	Camden Haven River	21/5/01	Lorne	56	471704	6497319	20.5	Rise in creek at upstream end of pool, 900m upstream from railway bridge
Bedlam Creek	Hawkesbury River	28/2/02	Gunderman	56	328160	6305440	41.3	Series of small rises in creek, 600m upstream from road bridge
Bega River	Bega River	22-23/5/97	Bega	55	756908	5934074	14.6	North of Bargo Lagoon
Bellambi Gully	Bellambi Gully	4/6/01	Bulli	56	308304	6195850	1.0	Heavy reed growth at junction with west branch drain
Bellambi Gully (West Branch)	Bellambi Gully	4/6/01	Bulli	56	308289	6195850	1.0	At start of flat concrete drain 15m upstream from Bellambi Gully
Bellambi Lake	Bellambi Lake	10/7/02	Bulli	56	308709	6194645	0.71	Entrance often closed - tidal to large rise at causeway near Turner Esplanade
Bellinger River	Bellinger River	24-25/6/98	Bellingen	56	489464	6632333	26.1	At gravel bar, 1.6km upstream from Bellingen Bridge
Bellwood Creek	Nambucca River	16/11/01	Macksville	56	498869	6609438	3.3	Large rise in creek then disperses in wetland 300m upstream from Swampy Crk
Belmore River	Macleay River	9-10/8/98	Kempsey	56	496569	6558768	46.5	Heavy reed growth stops tide here - 1.7km upstream from Seale Road
Belongil Creek (East)	Belongil Creek	18-19/7/97	Byron Bay	56	559154	6830972	3.5	Heavy reed growth 200m upstream from road to Skinners Shoot
Belongil Creek (South)	Belongil Creek	18-19/7/97	Byron Bay	56	558324	6830612	3.5	Tide would not get past this point on road to Skinners Shoot
Benandarah Creek	Durras Lake	24-26/5/97	Nelligen/Durras	56	250859	6053366	9.0	Downstream from this point, 1.8km upstream from Durras Lake

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Bensons Creek	Little Lake	31/1/02	Albion Park	56	303969	6174670	1.8	Tide would get to vicinity of footbridge at end of Joan Avenue
Bensons Inlet	Camden Haven River	2-3/12/98	Laurieton	56	477064	6489079	16.5	Tidal at least to this point, 3.3km upstream from Lake then disperses into wetland
Berady Creek	Manning River	15/5/99	Cundletown	56	455254	6464804	9.5	Old dam 200m downstream from Old Bar Road
Bermagui River	Bermagui River	13/12/96	Bermagui	56	-	-	-	Fully tidal river all the way to Nutleys Creek
Berowra Creek	Hawkesbury River	9-11/1/97	Hornsby	56	323739	6275260	41.1	At rocky rapids, 200m upstream from 132kV powerlines
Berrara Creek	Berrara Creek	2/8/00	Sussex Inlet	56	274074	6101700	3.8	Rocky rise in creek, 3.5km upstream from entrance
Berringer Lake	Conjola Lake	6/6/01	Milton	56	272654	6096290	3.5	Lake is tidal with no significant creeks entering
Bevan Creek	Shoalhaven River	20/11/05	Berry	56	289284	6139730	12.6	Heavy reed growth starts at this point
Big Hill Point Creek	Big Hill Point Creek	13/12/01	Telegraph Point	56	-	-	-	Entrance usually closed with floodgates blocked by large build up of sand
Bilambil Creek	Tweed River	19-20/6/97	Currumbin	56	545540	6877511	14.3	At Hogans Bridge on road to Upper Duroby
Billa Bilba Creek	Wagonga Inlet	7-8/2/97	Narooma	56	234254	5989541	11.5	At bar 140m upstream from Wagonga Scenic Drive bridge
Billinudgel Creek	Brunswick River	1-2/6/00	Pottsville	56	552704	6848677	2.5	Disperses into wetland at least 800m upstream from Kallaroo Circuit culvert
Bingal Creek	Richmond River	14/11/01	Wardell	56	542255	6796977	22.6	Tide probably gets to this vicinity, 3.7km upstream from Richmond River
Birdseye Creek	Hawkesbury River	28/2/02	Gunderman	56	327570	6303100	38.0	Rise in north branch of creek at downstream end of road culverts
Bittangabee Creek	Bittangabee Creek	18/7/01	Kiah	55	766903	5877429	1.8	Rise in creek downstream from track crossing, 1.4km due west from outer north headland of Bittangabee Bay
Black Neds Bay	Swansea Channel	16/12/01	Swansea	56	-	-	-	Fully tidal bay with no significant creeks entering
Blackbutt Creek	Nambucca River	4-6/6/00	Macksville	56	489914	6605163	17.4	Small rise in creek, 1.2km upstream from H. H. Mattick Bridge
Blue Angle Creek	Crooked River	6/6/01	Gerroa	56	297589	6149400	3.1	Leakage through floodgates would be stopped by reed growth 300m upstream
Blue Gum Creek	Parramatta River	Historical	Parramatta River	56	329934	6259440	23.7	585m upstream from Lane Cove River, 10m upstream from Sugarbag Creek
Boambee Creek	Boambee Creek	23-24/6/98	Coffs Harbour	56	506704	6643953	7.1	140m upstream from bridge on Lindsays Road
Bobs Creek	Camden Haven River	3/12/98	Grants Head	56	477404	6504524	13.3	2.3km upstream from Queens Lake, reed growth
Bobs Farm Creek	Port Stephens	13-14/7/99	Morna Point	56	410405	6374289	23.3	Tide disperses into wetland in this general vicinity
Boggy Creek	Bellinger River	12-15/11/00	Raleigh	56	500404	6628058	9.1	Tide would get to this vicinity 50m downstream from corner of South Arm Road and Pacific Highway
Boggy Creek	Deep Creek	23/5/01	Macksville	56	497274	6612058	6.3	Near small left bank side creek, 750m due west of Pacific Highway bridge
Boggy Creek	Merimbula Lake	12/12/96	Pambula	55	755838	5914524	6.8	Rise in creek 60m upstream of Princes Highway bridge
Boggy Creek	Wallis Lake	17-18/5/99	Wootton	56	444455	6424224	29.1	Tide gets 500m upstream from Sugar Creek Road
Bollerang Creek	St Georges Basin	8/7/02	Huskisson	56	273589	6114640	19.9	Two small rises in creek 50m downstream from Princes Highway bridge
Bomaderry Creek	Shoalhaven River	12-13/6/99	Berry	56	280079	6140640	21.7	Rise in creek, 30m upstream from She Oak Crossing on walking track
Bombah Broadwater	Myall Lakes	5-7/6/00	Bombah Point	56	-	-	-	Fully tidal waterway
Bondi Lake	Bondi Lake	29/1/02	Wolumla	55	-	-	-	Lake not tidal - no outlet to ocean

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Bonville Creek	Bonville Creek	23-25/6/98	Coffs Harbour	56	503369	6640048	10.4	1.4km upstream from Pacific Highway
Bookram Creek	Wooli Wooli River	14-15/12/97	Pillar Valley	56	522839	6704127	17.0	125m north of bridge on Wooli Road
Boolambayte Creek	Myall Lakes	5-7/6/00	Myall Lake	56	432295	6413019	51.4	Tidal at least to this vicinity, 2.4km downstream from The Lakes Way
Boorooungan Creek	St Georges Basin	16-17/6/99	Sussex Inlet	56	277704	6109915	13.0	Heavy reed growth would stop tide 100m upstream from where large old tree has fallen across creek 2.9km upstream from One Tree Point
Borang Lake/Creek	Tuross River	31/7/00	Bodalla	56	236059	6002196	9.7	Small rise in creek upstream of old ford, 500m upstream from Borang Lake
Boringalla Creek	Macleay River	12-17/11/01	Eungai	56	496459	6586588	12.2	Reed growth starts here 2.4km downstream from Barraganyatti Creek
Boundary Gully	Richmond River	13-14/11/00	Wardell	56	546055	6792797	24.2	Reed growth in this vicinity, 1.3km upstream from Richmond River
Bournda Lagoon	Bournda Lagoon	29/1/02	Wolumla	55	-	-	-	Not done yet - entrance usually closed
Boydton Creek	Twofold Bay	18/7/01	Eden	55	755528	5889439	1.0	Reed growth downstream from bridge, 1.0km upstream from Twofold Bay
Brandree Creek	Tabourie Lake	16/6/99	Tabourie	56	263734	6075636	5.5	At crossing 2.3km upstream from Tabourie Creek
Brandy Arm Creek (East)	Evans River	26/6/02	Tabbimoble	56	536869	6777957	15.1	Small rises in creek 2.1km upstream from junction of branches
Brandy Arm Creek (South)	Evans River	26/6/02	Woodburn	56	536040	6778742	14.1	Tide stopped by heavy reed growth 1.1km upstream from junction of branches
Brandy Arm Creek (West)	Evans River	26/6/02	Woodburn	56	535735	6779502	13.3	Tide disperse into wetland 30m upstream from large rise in creek 325m upstream from junction of branches
Brandy Creek	Twofold Bay	17/7/01	Eden	55	755298	5892084	0.05	Entrance usually closed, large rise in creek 50m from Twofold Bay
Breakfast Creek	Hawkesbury River	28/2/02	Gunderman	56	327180	6296465	29.9	Reed growth would stop tide 375m upstream from road
Bridge Creek	Clyde River	13-14/6/99	Nelligen	56	244619	6052861	21.8 ⁵	70m downstream from ford
Broadwater Creek	Clarence River	23-24/7/97	Macleay	56	509755	6744822	38.1	Bund wall across creek, 1.8km downstream from bridge
Brockelos Creek	Bunga Lagoon	-	Murrah	56	-	-	-	Not done yet – entrance usually closed
Brooks Creek	Lake Illawarra	9/5/00	Wollongong	56	299119	6180515	8.1	Small weir at rear of 15 William Beach Road
Brookvale Creek	Manly Lagoon	5/5/00	Sydney Heads	56	339659	6261520	2.8	Rise in creek, 150m upstream from Kentwell Road
Broughton Creek	Shoalhaven River	31/7-1/8/96	Berry	56	290494	6149650	27.8	120m upstream from railway bridge
Broughton Mill Creek	Shoalhaven River	12-17/6/99	Berry	56	289824	6149170	27.6	Rise in creek, 15m upstream from railway bridge
Browns Creek	Manning River	2-4/11/98	Taree	56	448609	6470349	29.6	100m downstream from bridge on Whitbread Street
Brunswick River	Brunswick River	21-23/6/97	Huonbrook	56	547405	6842037	14.0	100m upstream from causeway on Coral Avenue
Brush Creek	Lake Macquarie	27/10/99	Wallsend	56	372275	6356074	21.9	Not tidal at culverts on Main Road
Buckenbowra River	Clyde River	13-14/11/96	Nelligen	56	235254	6042241	18.0 ⁵	500m downstream from ford on Quart Pot Road, may get to ford
Budgewoi Lake	Tuggerah Lake	24/11/99	Catherine Hill Bay	56	-	-	-	Fully tidal lake
Buffalo Creek	Parramatta River	20/7/00	Parramatta River	56	327034	6256650	20.0	Small rise in creek, 450m upstream from Strangers Creek
Bulga Creek	Port Stephens	9-10/8/99	Port Stephens	56	409865	6388804	23.1	185m upstream from Pacific Highway
Bull Creek (North)	Wonboyn River	29/7/00	Kiah	55	759213	5877864	8.5	Rise in creek 30m upstream from junction with west branch
Bull Creek (West)	Wonboyn River	29/7/00	Kiah	55	-	-	-	Rocky creek bed not tidal

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Bullengella Lake	Bullengella Lake	-	Narooma	56	-	-	-	Not done yet – entrance usually closed
Bumbo Creek	Tuross River	7-8/2/97	Bodalla	56	230444	6006981	25.9	Downstream side of 0.4m rise in creek
Bumbo Lake	Tuross River	7-8/2/97	Bodalla	56	-	-	-	Fully tidal lake
Bundabah Creek	Port Stephens	9-10/8/99	The Branch	56	414235	6391784	25.4	Rise in creek, 300m upstream from Pacific Highway
Bundageree Creek	Bundageree Creek	6-8/2/01	Raleigh	56	505464	6632888	3.6	Entrance usually closed but when open tide probably gets 3.6km from entrance
Bungawalbin Creek	Richmond River	21-22/7/97	Gibberagee	56	516315	6774197	94.6	Within 200m upstream from Jackybulbin Creek
Bungwahl Creek	Wallis Lake	15-17/5/99	Nabiac	56	449564	6450064	19.5	Old timber bridge, 300m upstream from powerlines
Bunnair Creek	Conjola Lake	15/6/99	Tianjara	56	267219	6099050	10.7	Saltmarsh in this vicinity, 260m upstream from Gooloo Creek
Burnt Bridge Creek	Manly Lagoon	5/5/00	Sydney Heads	56	340054	6260080	2.0	Not tidal at upstream end of long culvert under Manly Golf Course
Burrinbidgee Creek	Wagonga Inlet	7-8/2/97	Narooma	56	235004	5988381	11.2	At bar 135m upstream from Wagonga Scenic Drive bridge
Burringbar Creek	Mooball Creek	1-2/6/00	Pottsville	56	550555	6853872	11.1	Large rise in creek near old fig tree, 500m downstream from <i>Cowell Park</i> farm
Butlers Creek	Butlers Creek	8/7/02	Kiola	56	262359	6062926	1.0	Tidal to this vicinity 150m upstream from bridge on Murramerang Road
Byrnes Brook	Hastings River	9/10/98	Port Macquarie	56	476604	6527839	23.3	170m upstream from railway bridge
Cabbage Tree Creek	Fairy Creek	8-9/5/00	Wollongong	56	306614	6191640	1.9	Small rise in creek, 20m downstream from bridge on Montague Street
Cabbage Tree Creek	Hawkesbury River	9/3/01	Gunderman	56	332780	6300355	37.2	Large rise in creek, 650m upstream from Kellys Creek
Cabbage Tree Creek	Port Hacking	24/7/00	Port Hacking	56	326664	6225750	6.3	Large rise in creek, 1.8km upstream from footbridge
Cabbage Tree Creek	Shoalhaven River	4/6/01	Nowra	56	277004	6138135	24.9	7-8m high waterfall, 700m upstream from Shoalhaven River
Cabbage Tree Creek	Station Creek	16/11/01	Red Rock	56	522929	6688758	5.8	1.6km upstream from Station Creek
Cabbage Tree Creek (North)	Jervis Bay	8/7/02	Crookhaven	56	295699	6127280	18.5	Small rises and heavy reed growth 1.5km upstream from south branch
Cabbage Tree Creek (South)	Jervis Bay	8/7/02	Crookhaven	56	294854	6126340	18.1	Creek dries up - grass and reeds stop tide 1.2km upstream from north branch
Cabramatta Creek	Georges River	23-24/7/98	Liverpool	56	309279	6246615	47.9 ²	Large rise at railway bridge
Cahill Creek	Hawkesbury River	6/10/00	Mona Vale	56	341689	6273120	11.3	Tide would get to this vicinity, 1.5km upstream from Pittwater
Cakora Lagoon (North Branch)	Cakora Lagoon	27/6/02	Brooms Head	56	532039	6727012	2.1	Small rises in creek 2.1km upstream from ocean
Cakora Lagoon (South Branch)	Cakora Lagoon	-	Brooms Head	56	-	-	-	Would be tidal but no survey attempted due to heavy reed growth in lagoon
Calabash Creek	Hawkesbury River	5/12/01	Cowan	56	323554	6282915	34.1	Rocky rise in creek, 2.3km upstream from Calabash Point
Callala Creek	Jervis Bay	6/6/01	Huskisson	56	290179	6124565	15.1	Heavy reed growth and wetland 30m upstream from Callala Beach Road
Calymea Creek	Shoalhaven River	6/6/01	Yalwal	56	271154	6134240	44.2	500m upstream from Burrier Road bridge
Camden Haven River	Camden Haven River	2-3/12/98	Byabarra	56	472319	6502479	25.9	Tidal to Logans Crossing
Camp Creek	Clarence River	15/11/00	Maclean	56	518384	6740092	26.7	Floodgates 5m downstream from bridge
Camp Creek	Parramatta River	14/1/02	Parramatta River	56	334869	6258860	9.2	Heavy reed growth starts at this point, 50m upstream from Sugarloaf Creek
Campbells Creek	Hawkesbury River	6/12/01	Cowan	56	333754	6284140	11.0	Heavy grass growth 1.2km upstream from Mud Point
Canada Bay	Parramatta River	11/7/02	Parramatta River	56	325194	6250730	21.8	Tide would get to this vicinity 20m downstream from Great Western Highway
Candlagan Creek	Candlagan Creek	14-15/6/99	Mogo	56	243219	6031291	3.4	Tide spreads into wetland in this vicinity 500m upstream from Lynchs Creek

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Candoin Creek	Moruya River	31/7/00	Moruya	56	233599	6019161	19.7	Rise in creek at ford, 450m upstream from Wamban Creek
Candole Creek	Sandon River	14-15/12/97	Sandon	56	526454	6717697	9.7	At rocks 4.5km upstream from Sandon River
Captain Hills Creek	Port Stephens	11-12/8/99	Clarence Town	56	397780	6391634	34.7	1.3km upstream from Limeburners Creek
Carama Creek	Jervis Bay	8/7/02	Crookhaven	56	296329	6127320	17.3	Tide would disperse into wetland 1.4km upstream from Cabbage Tree Creek
Carecorara Inlet	Hastings River	13/12/01	Port Macquarie	56	476619	6520489	22.9	Dry gully with heavy grass growth, 1.8km upstream from Hursley Creek
Careel Creek	Hawkesbury River	6/10/00	Mona Vale	56	345319	6277295	7.5	Tide would get to vicinity of footbridge near end of Central Road
Carralls Gully (South)	Coffs Creek	5/9/02	Coffs Harbour	56	511564	6648048	5.0	Slight rise into long culvert under Curacoa Street
Carralls Gully (West)	Coffs Creek	5/9/02	Coffs Harbour	56	511364	6648158	5.2	Tide would disperse into four culverts near corner of Vernon and Duke Streets
Carroll Creek	Parramatta River	14/1/02	Parramatta River	56	333309	6263755	15.3	Large rock rise in creek 440m upstream from Middle Harbour Creek
Carrs Creek	Clarence River	16/11/01	Grafton	56	491729	6721587	75.2	Tidal to this point 4.5km upstream from Clarence River
Carters Creek	Manning River	14/12/01	Taree	56	446809	6466674	-	No tidal limit as creek joins back to Manning River at this point
Cathie Creek	Lake Cathie	7/6/00	Grants Head	56	-	-	-	Fully tidal creek all the way to Lake Innes
Cattai Creek	Hawkesbury River	18-19/2/00	Wilberforce	56	309010	6282395	118.4	Rise in creek at bridge on Cattai Ridge Road
Cattai Creek	Manning River	2-3/11/98	Coopernook	56	-	-	-	Fully tidal creek all the way to Pipeclay Canal
Cedar Creek	Deep Creek	25-26/6/98	Macksville	56	497619	6611113	6.6	200m upstream from bridge, 100m downstream from Pacific Highway
Cedar Party Creek	Manning River	2-4/11/98	Wingham	56	440839	6474259	47.5	Small rocky rapids, 125m downstream from railway bridge
Cemetery Gully	Manning River	Historical	Taree	56	440059	6472289	48.4	40m upstream from Manning River
Chaffin Creek	Clarence River	15/11/00	Tucabia	56	512029	6718287	16.8	Does not appear to be tidal at this point at bridge on Tucabia Road
Chickiba Creek	Richmond River	15/11/01	Ballina	56	557630	6809537	7.5	Tidal to this vicinity, 2.4km upstream from North Creek
Chinbible Creek	Brunswick River	26/6/02	Huonbrook	56	548430	6842122	12.7	Large rise at natural rock weir 70m upstream from bridge on Main Arm Road
Christies Creek	Cudgera Creek	1-2/6/00	Cudgen	56	551980	6862356	5.8	200m upstream from Kaners Road
Christmas Creek	Macleay River	9-10/8/98	Kempsey	56	484404	6565088	42.6	Floodgates near Frederickton leak and tidal influence extends at least to this point, 2.8km upstream from railway bridge
Clarence River	Clarence River	22-23/7/97	Copmanhurst	56	478104	6726362	109.5	Tide stopped by rocky rapids at Copmanhurst
Clothiers Creek	Cudgen Creek	14/11/01	Cudgen	56	551605	6866811	13.7	Heavy reed growth starts at this point, 2.2km upstream from Cudgen Lake
Clybucca Creek	Macleay River	9-10/8/98	Clybucca	56	496444	6576633	17.2	Floodgates at this point 1.6km downstream from Pacific Highway, any leakage would disperse into network of creeks and drains above floodgates
Clyde River	Clyde River	13-14/11/96	Currowan	56	247315	6067531	43.6 ⁵	Rapids 4.2km upstream from Shallow Crossing
Coal and Candle Creek	Hawkesbury River	27/8/00	Hornsby	56	337729	6275740	17.2	Rocky rise in creek, 1.2km upstream from Akuna Bay
Coba Creek	Hawkesbury River	5/12/01	Cowan	56	324714	6286470	27.0	Heavy reed growth starts here 3.6km upstream from Coba Point
Cobaki Creek	Tweed River	20-21/6/97	Currumbin	56	545615	6880761	14.3	75m downstream from road bridge
Cocked Hat Creek	Lake Macquarie	27/10/99	Wallsend	56	370970	6355999	21.2	At footbridge, 225m downstream from Main Road
Cockle Creek	Hawkesbury River	19/7/00	Hornsby	56	328279	6272625	21.9	Large rise in creek under powerlines

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Cockle Creek	Lake Macquarie	27/10/99	Wallsend	56	369020	6354814	24.0	Weir on James Street / Weir Road
Cockrone Gully	Cockrone Lake	10-11/5/01	Gosford	56	352344	6293090	2.0	Entrance often closed, rise in creek 20m downstream from junction
Cockrone Lake	Cockrone Lake	10-11/5/01	Gosford	56	-	-	-	Fully tidal lake
Cockwhy Creek	Clyde River	13-14/6/99	Currowan	56	248219	6062966	41.0 ⁵	Tide would reach to vicinity of junction with Ryans Creek
Coffs Creek	Coffs Creek	22-24/6/98	Coffs Harbour	56	510469	6648603	6.8	100m upstream from new bridge on Scarba Street
Coila Creek	Coila Lake	Historical	Bodalla	56	237329	6011041	7.8	Entrance often closed but tide gets to this point, 1.9km upstream from Highway
Coldstream River	Clarence River	11-12/12/97	Tucabia	56	508804	6714197	65.2	At floodgates 0.6km upstream from The Forks
Collins Creek	Collins Creek	10/7/02	Bulli	56	308469	6197505	0.50	Small rises at rocky crossing 175m upstream from bridge on Carrington Street
Colo River	Hawkesbury River	18-20/2/00	Lower Portland	56	294180	6300540	96.4	6.8km upstream from Putty Road bridge, might get 500m further upstream
Condong Creek	Tweed River	14/11/01	Murwillumbah	56	-	-	-	Fully tidal creek connected back to Tweed River via Johnsons Creek
Congo Creek	Congo Creek	5-7/2/97	Moruya	56	241419	6018756	4.8	160m upstream from bridge on road to Congo
Conjola Creek	Conjola Lake	12-15/11/96	Tianjara	56	266604	6100030	12.2	150m downstream from Highway
Conjola Lake	Conjola Lake	12-15/11/96	Tianjara	56	-	-	-	Fully tidal lake
Connection Creek	Hastings River	10-11/8/98	Kundabung	56	494594	6549558	37.5	Heavy reed growth stops tide within 100m upstream from Maria River Road
Cooks River	Botany Bay	7-8/5/00	Botany Bay	56	323389	6247165	21.9 ²	Tide would get to within 200m of Punchbowl Road bridge
Coolagolite Creek	Bermagui River	30/7/00	Bermagui	56	231994	5966026	9.9	Small rise in creek at ford, 1.9km upstream from Nutleys Creek
Coolongolook River	Wallis Lake	16-17/5/99	Coolongolook	56	436665	6433799	23.4	At causeway at Locketts Crossing
Coonemia Creek	Lake Wollumboola	-	Nowra	56	-	-	-	Not done yet - entrance usually closed
Cooperabung Creek	Hastings River	5-7/6/00	Telegraph Point	56	483179	6536893	20.2	Small rise in creek near yards, 100m upstream from Haydons Wharf Road
Coopers Creek	Richmond River	24-25/7/97	Lismore	56	532155	6817742	118.6	Downstream side of ford, 850m NNE from railway bridge
Coorumbine Creek (North)	Brisbane Water	9/9/02	Gosford	56	343270	6299705	15.7	Large rise in creek 225m upstream from Brisbane Water Drive
Coorumbine Creek (South)	Brisbane Water	9/9/02	Gosford	56	343315	6299635	15.7	Large rise in creek 175m upstream from Brisbane Water Drive
Cootes Creek	Wattamolla Creek	4/6/01	Otford	56	326194	6221030	-	Not tidal due to large rise at Wattamolla Falls
Cordwells Creek	Boambee Creek	23-24/6/98	Coffs Harbour	56	506959	6642928	7.3	At weir, at rear of 21-23 Avonleigh Drive
Corindi River	Corindi River	15-17/12/97	Woolgoolga	56	518469	6678818	12.3	Tide would not get past large rise in creek under bridge
Corkscrew Creek	Wooli Wooli River	3/6/00	Pillar Valley	56	521629	6702632	13.7	Tide gets to this vicinity, 925m upstream from Bookram Creek
Corunna Lake (SW Arm)	Corunna Lake	Historical	Central Tilba	56	239954	5980426	3.0	Near bridge near <i>Glen Eden</i> Farm, 1.9km upstream from Princes Hwy bridge
Corunna Lake (West Arm)	Corunna Lake	Historical	Central Tilba	56	239694	5981761	4.3	375m upstream from bridge, 3.3km upstream from Princes Highway bridge
Cow Creek	Deep Creek	23/5/01	Missabotti	56	497534	6612953	5.5	Limit would be at second rise in creek, 100m upstream from Pacific Highway
Cow Creek	St Georges Basin	16-17/6/99	Sussex Inlet	56	273914	6110280	16.9	15m downstream from old log bridge, 175m from Sussex Inlet Road
Cowan Creek	Hawkesbury River	9/1/97	Hornsby	56	330079	6270850	23.7	Large rise in creek 100m upstream from Kierans Creek
Cowarra Creek	Lake Cathie	7/6/00	Grants Head	56	485489	6510874	2.6	Does not appear to be tidal at this point, 675m upstream from Cathie Creek

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Cowdroy Creek	Wagonga Inlet	30/7/00	Narooma	56	234379	5989676	11.4	Grass growing across creek 5m upstream from Wagonga Scenic Drive bridge
Crabbes Creek (South)	Mooball Creek	21-23/6/97	Pottsville	56	554029	6852047	8.5	Reed growth would stop tide at Wooyung Road
Crabbes Creek (West)	Mooball Creek	1-2/6/00	Pottsville	56	552029	6852027	9.8	470m downstream from upstream bridge on Wooyung Road
Crawford River	Myall Lakes	11-12/7/99	Bulahdelah	56	424965	6413394	57.0	At tidal barrage, 75m upstream from Myall River
Cromarty Creek	Port Stephens	15/12/01	Clarence Town	56	401460	6402389	45.3	Large rocky rise in creek, 1.2km upstream from Karuah River
Croobyar Creek	Narrawallee Inlet	25-26/5/97	Milton	56	266844	6091540	7.0	Downstream side of weir at <i>Avonlea</i> farm
Crooked Creek	Lake Macquarie	16/12/01	Swansea	56	364425	6341019	15.2	Heavy grass growth would stop tide 50m upstream from road culverts
Crooked River	Crooked River	5-6/6/97	Gerroa	56	298789	6151820	3.1	Heavy reed growth upstream from this point
Crookhaven Creek	Crookhaven River	31/7-1/8/96	Nowra	56	287084	6135330	16.4	Downstream side of floodgates
Crookhaven River	Crookhaven River	12/6/99	Nowra	56	289454	6131515	9.6	Downstream side of floodgates
Cross Creek	Manning River	2-4/11/98	Cooperook	56	456119	6483814	29.0	100m upstream from bridge on Cundle Road
Crossland Creek	Hawkesbury River	5/12/01	Cowan	56	325419	6280475	33.7	Rocky rise 350m upstream from footbridge near Dusthole Bay near car ferry
Cubba Cubba Creek	Manning River	4/12/98	Taree	56	449689	6468394	27.7	Earth embankment 700m downstream from old Pacific Highway
Cudgen Creek	Cudgen Creek	21/6/97	Cudgen	56	-	-	-	Fully tidal all the way to Cudgen Lake
Cudgen Lake	Cudgen Creek	21/6/97	Cudgen	56	-	-	-	Fully tidal lake
Cudgera Creek (South)	Cudgera Creek	21-22/6/97	Pottsville	56	554614	6859432	5.0	200m upstream from Cudgera Creek Road, heavy reed growth
Cudgera Creek (West)	Cudgera Creek	1-2/6/00	Pottsville	56	553700	6860267	5.3	Rock barrage 10m downstream of old ford, 1.2km downstream from Cudgera Creek Road
Cullendulla Creek	Cullendulla Creek	13-15/6/99	Nelligen	56	247529	6048216	4.1 ⁴	Saltmarsh in this vicinity, 3.1km upstream from Batemans Bay
Cumbralaway/Ryans Creek	Durras Lake	24-26/5/97	Kiola	56	251969	6056066	9.3	At road bridge near East Lynne
Cunninghams Creek	Moonee Creek	3-4/6/00	Moonee Beach	56	513954	6659078	3.1	Tidal at Pacific Highway but not tidal at this point on Hoys Road
Currambene Creek	Jervis Bay	31/7-1/8/96	Nowra	56	280754	6127630	29.6	350m downstream from Highway bridge
Currarong Creek	Currarong Creek	3-5/6/97	Currarong	56	300404	6122640	1.7	At end of fence line running from corner of Nowra Road
Currency Creek	Hawkesbury River	27/2/02	Wilberforce	56	301905	6289910	94.5	Small rise and reed growth, 1.3km upstream from Sackville Road
Curries Creek (Comerong Bay)	Crookhaven River	4/8/00	Nowra/Berry	56	-	-	-	Fully tidal creek is connected to Shoalhaven River
Currowan Creek	Clyde River	13-14/6/99	Currowan	56	242504	6059891	32.1 ⁵	10m downstream from causeway
Cuttagee Creek	Cuttagee Lake	Historical	Bermagui	56	233139	5957641	3.7	125m downstream from ford near <i>Clearwater</i> Farm
Cyne Mallows Creek	Clyde River	13-14/6/99	Nelligen	56	244364	6053511	21.7 ⁵	150m downstream from ford
Dalgetys Creek	Hawkesbury River	7/5/01	Gunderman	56	317685	6298070	47.3	Tidal at least to this vicinity, 1.2km upstream from Hawkesbury River
Dalhousie Creek	Dalhousie Creek	7-8/2/01	Wenonah Head	56	501774	6621668	2.3	325m downstream from Osprey Drive, entrance usually closed
Darawakh Creek	Wallis Lake	8/6/01	Nabiac	56	450969	6447019	13.8	Rise in creek and heavy reed growth, 200m upstream from old timber bridge
Darkum Creek	Darkum Creek	28/6/02	Woolgoolga	56	518159	6671433	2.6	Small rise in creek were left bank side creek comes out from highway culverts

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Dawson River	Manning River	2-4/11/98	Wingham	56	449329	6477704	35.3	100m upstream from Kate Kellys Crossing
Deadmans Creek	Georges River	6-9/5/00	Liverpool	56	314394	6236740	33.5 ²	1.5km upstream from bridge on Heathcote Road
Deadmans Creek	Richmond River	13-14/11/00	Ballina	56	-	-	-	Fully tidal does not appear to be a closed system, drains connect to North Creek
Deans Creek	Manning River	14/12/01	Taree	56	444969	6465684	33.9	Heavy grass growth in creek, 750m upstream from Manning River
Dee Why Lagoon	Dee Why Lagoon	5/5/00	Mona Vale	56	-	-	-	Fully tidal lagoon when entrance is open
Deep Creek	Clyde River	15/6/99	Nelligen	56	242454	6040931	10.2 ⁵	Tide would reach to this vicinity, 2.5km upstream from Waterfall Creek
Deep Creek	Deep Creek	25-26/6/98	Missabotti	56	496744	6615738	9.3	110m upstream from bridge on Sullivans Road - need to check
Deep Creek	Narrabeen Lagoon	6-10/5/00	Mona Vale	56	338969	6269120	6.5	Tide would get to this vicinity, 300m downstream from large waterfall
Deep Creek	Port Stephens	11-12/8/99	Clarence Town	56	399325	6394264	38.0	350m upstream from bridge on Hobart Forest Road
Deep Creek (North Arm)	Deep Creek	24/6/02	Missabotti	56	500004	6615148	3.0	Tide disperses into wetland upstream from this point 1.8km from Deep Creek
Dennes Creek	Manning River	14/12/01	Taree	56	445474	6465974	33.3	Large rise at causeway, 200m upstream from Manning River
Dents Creek	Port Hacking	24/7/00	Port Hacking	56	322549	6230625	10.3	Large rise in creek near pipeline
Deua River	Moruya River	6-7/2/96	Moruya	56	232079	6020366	20.8	1.9km upstream from Wamban Creek
Dickensons Creek	Manning River	2-4/11/98	Cooperook	56	-	-	-	Fully tidal creek all the way to Pontobark Creek
Dignams Creek	Wallaga Lake	6-7/2/97	Wandanelia	55	768913	5972534	11.1	Downstream side of weir
Dinner Creek (North)	Hawkesbury River	17-18/2/00	Gunderman	56	326980	6300865	36.4	Heavy reed growth 20m upstream from old concrete block dam/culvert
Dinner Creek (South)	Hawkesbury River	17-18/2/00	Gunderman	56	326820	6300625	36.5	Tide would get to crossing 325m upstream from north branch
Dirty Creek	Corindi River	Historical	Red Rock	56	518804	6685813	8.2	Would be tidal at least a short distance from Saltwater Creek, not resurveyed
Dooga Creek	Moruya River	29/1/02	Moruya	56	237454	6024381	6.7	Slight rise and grass growth starts 525m upstream from Malabar Creek
Dora Creek	Lake Macquarie	27-28/11/99	Morisset	56	355430	6339060	26.5	Weir 10m downstream from Freemans Drive
Double Crossing Creek	Hearns Lake	3/6/00	Moonee Beach	56	518094	6666088	1.8	Entrance usually closed but expect tide to get to Graham Drive (old Highway)
Doyles Creek	Hawkesbury River	1/2/02	Lower Portland	56	309175	6303460	65.2	Tide disperses into wetland in this vicinity, 1.6km upstream from Webbs Creek
Doyles Swamp	Hawkesbury River	11/7/02	Lower Portland	56	306380	6296745	83.5	Not tidal at this point 1.6km upstream from Hawkesbury River
Duchess Gully	Duchess Gully	13/12/01	Grants Head	56	484904	6506914	1.6	Entrance usually closed - tide would get at least 1.6km from ocean when open
Duck Creek	Jervis Bay	9/7/02	Curarong	56	298364	6118270	1.8	Entrance often closed - tide gets to rocky rise 1.8km upstream from Target Bch
Duck Creek	Lake Illawarra	9/5/00	Albion Park	56	297514	6176970	8.6	Large rise at old culverts under old railway bridge, 1.9km upstream from Lake
Duck Creek	Parramatta River	22-23/7/98	Parramatta River	56	316004	6254240	30.7	Tide would get to William Street bridge
Duck Creek	Richmond River	20-21/7/97	Lismore	56	546405	6806367	9.6	550m upstream from bridge
Duck River	Parramatta River	22-23/7/98	Parramatta River	56	316674	6254130	29.6	Large rise on upstream side of railway culvert

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Dulguigan Creek	Tweed River	1/6/00	Murwillumbah	56	-	-	-	Fully tidal as creek now joined to Rous River by flood channels
Dunbible Creek	Tweed River	19-22/6/97	Murwillumbah	56	538945	6861422	32.6	May get a short way upstream from this vicinity
Dungarubba Creek	Richmond River	31/5-2/6/00	Woodburn	56	532520	6791552	38.6	Probably tidal to this vicinity, 875m upstream from bridge on Lismore Road
Dungay Creek	Tweed River	1-2/6/00	Murwillumbah	56	537380	6871231	32.1	Upstream side of right bend in creek, 760m NW from Pipeclay Creek junction
Dunns Creek	Wallis Lake	14/12/01	Forster	56	456459	6434649	9.6	Small rise in creek 120m downstream from The Lakes Way
Duroby Creek	Tweed River	19-21/6/97	Currumbin	56	547765	6876816	11.9	Downstream side of rock dam, 100m from Benevis Place on Naponyah Road
Eastern Creek	Hawkesbury River	4-5/5/00	Riverstone	56	299230	6273435	130.0	Large old weir 2.9km upstream from South Creek
Emigrant Creek	Richmond River	20-22/7/97	Ballina	56	550330	6814952	29.5	Small rise in creek, 850m upstream from bridge at Tintenbar
Empire Vale Creek	Richmond River	13/11/00	Empire Vale	56	549580	6801547	11.9	Tide now stopped by floodgates, 15m upstream from bridge on River Drive
Erina Creek	Brisbane Water	22-23/11/99	Gosford	56	350780	6300565	18.9	10m upstream from bridge on Carlton Road
Esk River	Clarence River	Historical	Woombah	56	530744	6763362	29.5	7.0km upstream from Yorkies Gully, not resurveyed due to difficult access
Ettalong Creek	Hawkesbury River	9/9/02	Broken Bay	56	342904	6288740	0.85	Creek blocked by vegetation 50m upstream from Kahibah Creek
Evans River	Evans River	21/7/97	Woodburn	56	-	-	-	Fully tidal river all the way to Tucombil Canal
Fairy Creek	Fairy Creek	8/5/00	Wollongong	56	306254	6189885	1.5	Heavy reed growth 100 -150m upstream from Flinders St (Princes Hwy) bridge
Farrahars Creek	Bellambi Gully	4/6/01	Bulli	56	308519	6195775	0.80	Not tidal due to large rise and reed growth at junction with Bellambi Gully
Fenninghams Island Creek	Port Stephens	25-26/10/99	Morna Point	56	414280	6374214	25.0	Reed growth in drain, 250m upstream from Nelson Bay Road
Fernbank Creek	Hastings River	5-7/6/00	Port Macquarie	56	485034	6523644	12.3	Tidal to this point 900m upstream from Hastings River Drive
Ferny Creek	Wallis Lake	17-18/5/99	Wootton	56	442040	6427064	27.2	50m downstream from bridge, 1.9km upstream from Wallingat River
Fiddamans Creek	Fiddamans Creek	16/11/01	Moonee Beach	56	-	-	-	Not done yet - entrance usually closed
Fisheries Creek	Twofold Bay	18/7/01	Eden	55	759998	5887569	2.7	Small rise in creek, 2.7km upstream from East Boyd Bay
Fishery Creek	Richmond River	31/5-2/6/00	Ballina	56	552220	6809357	9.3	Tide gets to culvert under Pacific Highway
Flat Rock Creek	Parramatta River	6/10/00	Parramatta River	56	334279	6256890	9.3	Large rise in creek, 475m upstream from suspension bridge on Strathallen Ave
Flat Rock Creek	Shoalhaven River	4/8/00	Berry	56	279094	6138355	22.5	Heavy reed growth upstream from this point 250m north from <i>The Depot</i> farm
Flat Rock Creek (North)	Jervis Bay	24/6/01	Huskisson	56	290214	6110910	8.2	Heavy reed growth and wetland, 130m upstream from footbridge
Flat Rock Creek (West)	Jervis Bay	24/6/01	Sussex Inlet	56	290249	6110710	8.1	Rise in creek and heavy reed growth, 150m upstream from footbridge
Floods Creek	Hawkesbury River	21-22/12/99	Gosford	56	337830	6300965	30.7	Large rise in creek, 1.2km upstream from Mooney Mooney Creek
Forbes Creek	Georges River	31/1/02	Port Hacking	56	318989	6232085	24.6 ²	Large rise in creek, 75m upstream from Loftus Creek
Fosters Creek	Hawkesbury River	5/12/01	Cowan	56	324509	6281615	32.7	Large rock rise in creek, 800m upstream from Calabash Point
Georges Creek	Jervis Bay	28/1/02	Nowra	56	284154	6125240	23.2	Tidal at least to this vicinity, 700m due east from <i>Comberton Grange</i> farm
Georges River	Georges River	23-24/7/98	Liverpool	56	308519	6244215	49.3 ²	At Liverpool Weir

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Ghini Ghinni Creek	Manning River	2-3/11/98	Cooperook	56	-	-	-	Fully tidal creek for whole length, not a closed system
Gills Bridge Creek	Macleay River	6-7/10/98	Kempsey	56	486064	6560963	42.9	2.4km upstream from Macleay River
Glenrock Lagoon	Glenrock Lagoon	8/9/02	Wallsend	56	381205	6352439	1.0	Entrance usually closed - tide can get to this point 1km upstream from ocean
Golden Gully	Moruya River	1/8/00	Moruya	56	233664	6024246	13.0	Heavy reed growth starts here, 120m upstream from Mogendoura Creek
Googley Lagoon	Camden Haven River	2-3/12/98	Laurieton	56	484229	6498964	4.3	Lagoon is tidal with no significant creeks entering
Goolawah Lagoon	Goolawah Lagoon	13/12/01	Kundabung	56	-	-	-	Lagoon very rarely discharges to ocean so considered to be non-tidal
Goolmangar Creek	Richmond River	24-25/6/97	Casino	56	522420	6817862	118.0	250m downstream from bridge
Gooloo Creek	Conjola Lake	12-15/11/96	Tianjara	56	266679	6098805	11.3	150m downstream from Highway at natural rock ford
Gordon Creek	Parramatta River	Historical	Parramatta River	56	331839	6262950	14.9	825m upstream from Middle Harbour Creek
Greendale Creek	Curl Curl Lagoon	11/7/02	Sydney Heads	56	341594	6262330	1.2	Lagoon usually closed, tide gets to weir 925m downstream from Harbord Road
Grose River	Hawkesbury River	21/2/00	Kurrajong	56	286220	6278720	138.3	Small rise in river 200m upstream from junction with Nepean River
Growlers Gully	Little Lake	-	Narooma	56	-	-	-	Not done yet – entrance usually closed
Gunderman Creek	Hawkesbury River	17-18/2/00	Gunderman	56	321470	6298345	45.9	Tide disperses into heavy reed growth 1.4km upstream from bridge
Gwawley Creek	Georges River	10/7/02	Port Hacking	56	324799	6234285	14.3 ²	Very large rise in creek 375m upstream from Port Hacking Road
Hacking River	Port Hacking	6-7/6/97	Port Hacking	56	320729	6228005	14.1	Downstream side of Audley Weir
Halls Creek	Darkum Creek	28/6/02	Woolgoolga	56	518209	6671333	2.5	Very large gradual rise in creek 100m upstream from Darkum Creek
Halls Creek	Manning River	4-6/11/98	Taree	56	451864	6465814	28.8	Rise in creek 500m downstream from Old Bar Road
Hanging Rock Creek	Batemans Bay	28/1/02	Nelligen	56	245334	6043456	2.5 ⁴	Heavy reed growth 25m from 4 th tee on golf course, 650m from Beach Road
Hargraves Creek	Hargraves Creek	10/7/02	Appin	56	314809	6210775	0.28	Entrance usually closed - tide gets to large rise midway between footbridges
Harris Creek	Georges River	31/1/02	Liverpool	56	311584	6240900	36.0 ²	At creek crossing 500m downstream from Heathcote Road
Haslams Creek	Parramatta River	7-8/5/00	Parramatta River	56	319079	6253015	23.0	Tide would get to this vicinity, 350m upstream from Great Western Highway
Hastings River	Hastings River	5/11/98	Wauchope	56	468329	6520199	35.8	4.1km upstream from Camerons Falls
Hawkesbury River	Hawkesbury River	20/2/00	Kurrajong	56	-	-	-	Fully tidal to junction with Grose River, upstream from here known as Nepean River
Hawthorne Canal	Parramatta River	6/10/00	Botany Bay	56	328419	6248255	18.5	Tide would get at least to this vicinity under railway bridge
Haydons Creek	Hastings River	5/8/05	Port Macquarie	56	480534	6521817	17.7	Large rises in creek 2.1km upstream from Hastings River
Hearns Lake (South)	Hearns Lake	24/8/05	Moonee Beach	56	518881	6665240	2.0	Small rise in creek then grass cover
Hérons Creek	Camden Haven River	3/12/98	Byabarra	56	474689	6505334	16.6	500m downstream from Pacific Highway
Hewitts Creek	Hewitts Creek	31/1/02	Bulli	56	308794	6200135	0.40	Small rise and heavy reed growth at this point, 500m downstream from railway
Hominy Creek	Hawkesbury River	28/2/02	Gunderman	56	329440	6301640	35.8	Small rise in creek 750m upstream from road

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Dulguigan Creek	Tweed River	1/6/00	Murwillumbah	56	-	-	-	Fully tidal as creek now joined to Rous River by flood channels
Dunbible Creek	Tweed River	19-22/6/97	Murwillumbah	56	538945	6861422	32.6	May get a short way upstream from this vicinity
Dungarubba Creek	Richmond River	31/5-2/6/00	Woodburn	56	532520	6791552	38.6	Probably tidal to this vicinity, 875m upstream from bridge on Lismore Road
Dungay Creek	Tweed River	1-2/6/00	Murwillumbah	56	537380	6871231	32.1	Upstream side of right bend in creek, 760m NW from Pipeclay Creek junction
Dunns Creek	Wallis Lake	14/12/01	Forster	56	456459	6434649	9.6	Small rise in creek 120m downstream from The Lakes Way
Duroby Creek	Tweed River	19-21/6/97	Currumbin	56	547765	6876816	11.9	Downstream side of rock dam, 100m from Benevis Place on Naponyah Road
Eastern Creek	Hawkesbury River	4-5/5/00	Riverstone	56	299230	6273435	130.0	Large old weir 2.9km upstream from South Creek
Emigrant Creek	Richmond River	20-22/7/97	Ballina	56	550330	6814952	29.5	Small rise in creek, 850m upstream from bridge at Tintenbar
Empire Vale Creek	Richmond River	13/11/00	Empire Vale	56	549580	6801547	11.9	Tide now stopped by floodgates, 15m upstream from bridge on River Drive
Erina Creek	Brisbane Water	22-23/11/99	Gosford	56	350780	6300565	18.9	10m upstream from bridge on Carlton Road
Esk River	Clarence River	Historical	Woombah	56	530744	6763362	29.5	7.0km upstream from Yorkies Gully, not resurveyed due to difficult access
Ettalong Creek	Hawkesbury River	9/9/02	Broken Bay	56	342904	6288740	0.85	Creek blocked by vegetation 50m upstream from Kahibah Creek
Evans River	Evans River	21/7/97	Woodburn	56	-	-	-	Fully tidal river all the way to Tucombil Canal
Fairy Creek	Fairy Creek	8/5/00	Wollongong	56	306254	6189885	1.5	Heavy reed growth 100 -150m upstream from Flinders St (Princes Hwy) bridge
Farrahars Creek	Bellambi Gully	4/6/01	Bulli	56	308519	6195775	0.80	Not tidal due to large rise and reed growth at junction with Bellambi Gully
Fenninghams Island Creek	Port Stephens	25-26/10/99	Morna Point	56	414280	6374214	25.0	Reed growth in drain, 250m upstream from Nelson Bay Road
Fernbank Creek	Hastings River	5-7/6/00	Port Macquarie	56	485034	6523644	12.3	Tidal to this point 900m upstream from Hastings River Drive
Ferny Creek	Wallis Lake	17-18/5/99	Wootton	56	442040	6427064	27.2	50m downstream from bridge, 1.9km upstream from Wallingat River
Fiddamans Creek	Fiddamans Creek	16/11/01	Moonee Beach	56	-	-	-	Not done yet - entrance usually closed
Fisheries Creek	Twofold Bay	18/7/01	Eden	55	759998	5887569	2.7	Small rise in creek, 2.7km upstream from East Boyd Bay
Fishery Creek	Richmond River	31/5-2/6/00	Ballina	56	552220	6809357	9.3	Tide gets to culvert under Pacific Highway
Flat Rock Creek	Parramatta River	6/10/00	Parramatta River	56	334279	6256890	9.3	Large rise in creek, 475m upstream from suspension bridge on Strathallen Ave
Flat Rock Creek	Shoalhaven River	4/8/00	Berry	56	279094	6138355	22.5	Heavy reed growth upstream from this point 250m north from <i>The Depot</i> farm
Flat Rock Creek (North)	Jervis Bay	24/6/01	Huskisson	56	290214	6110910	8.2	Heavy reed growth and wetland, 130m upstream from footbridge
Flat Rock Creek (West)	Jervis Bay	24/6/01	Sussex Inlet	56	290249	6110710	8.1	Rise in creek and heavy reed growth, 150m upstream from footbridge
Floods Creek	Hawkesbury River	21-22/12/99	Gosford	56	337830	6300965	30.7	Large rise in creek, 1.2km upstream from Mooney Mooney Creek
Forbes Creek	Georges River	31/1/02	Port Hacking	56	318989	6232085	24.6 ²	Large rise in creek, 75m upstream from Loftus Creek
Fosters Creek	Hawkesbury River	5/12/01	Cowan	56	324509	6281615	32.7	Large rock rise in creek, 800m upstream from Calabash Point
Georges Creek	Jervis Bay	28/1/02	Nowra	56	284154	6125240	23.2	Tidal at least to this vicinity, 700m due east from <i>Comberton Grange</i> farm
Georges River	Georges River	23-24/7/98	Liverpool	56	308519	6244215	49.3 ²	At Liverpool Weir

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Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Ghini Ghinni Creek	Manning River	2-3/11/98	Cooperook	56	-	-	-	Fully tidal creek for whole length, not a closed system
Gills Bridge Creek	Macleay River	6-7/10/98	Kempsey	56	486064	6560963	42.9	2.4km upstream from Macleay River
Glenrock Lagoon	Glenrock Lagoon	8/9/02	Wallsend	56	381205	6352439	1.0	Entrance usually closed - tide can get to this point 1km upstream from ocean
Golden Gully	Moruya River	1/8/00	Moruya	56	233664	6024246	13.0	Heavy reed growth starts here, 120m upstream from Mogendoura Creek
Googley Lagoon	Camden Haven River	2-3/12/98	Laurieton	56	484229	6498964	4.3	Lagoon is tidal with no significant creeks entering
Goolawah Lagoon	Goolawah Lagoon	13/12/01	Kundabung	56	-	-	-	Lagoon very rarely discharges to ocean so considered to be non-tidal
Goolmangar Creek	Richmond River	24-25/6/97	Casino	56	522420	6817862	118.0	250m downstream from bridge
Gooloo Creek	Conjola Lake	12-15/11/96	Tianjara	56	266679	6098805	11.3	150m downstream from Highway at natural rock ford
Gordon Creek	Parramatta River	Historical	Parramatta River	56	331839	6262950	14.9	825m upstream from Middle Harbour Creek
Greendale Creek	Curl Curl Lagoon	11/7/02	Sydney Heads	56	341594	6262330	1.2	Lagoon usually closed, tide gets to weir 925m downstream from Harbord Road
Grose River	Hawkesbury River	21/2/00	Kurrajong	56	286220	6278720	138.3	Small rise in river 200m upstream from junction with Nepean River
Growlers Gully	Little Lake	-	Narooma	56	-	-	-	Not done yet – entrance usually closed
Gunderman Creek	Hawkesbury River	17-18/2/00	Gunderman	56	321470	6298345	45.9	Tide disperses into heavy reed growth 1.4km upstream from bridge
Gwawley Creek	Georges River	10/7/02	Port Hacking	56	324799	6234285	14.3 ²	Very large rise in creek 375m upstream from Port Hacking Road
Hacking River	Port Hacking	6-7/6/97	Port Hacking	56	320729	6228005	14.1	Downstream side of Audley Weir
Halls Creek	Darkum Creek	28/6/02	Woolgoolga	56	518209	6671333	2.5	Very large gradual rise in creek 100m upstream from Darkum Creek
Halls Creek	Manning River	4-6/11/98	Taree	56	451864	6465814	28.8	Rise in creek 500m downstream from Old Bar Road
Hanging Rock Creek	Batemans Bay	28/1/02	Nelligen	56	245334	6043456	2.5 ⁴	Heavy reed growth 25m from 4 th tee on golf course, 650m from Beach Road
Hargraves Creek	Hargraves Creek	10/7/02	Appin	56	314809	6210775	0.28	Entrance usually closed - tide gets to large rise midway between footbridges
Harris Creek	Georges River	31/1/02	Liverpool	56	311584	6240900	36.0 ²	At creek crossing 500m downstream from Heathcote Road
Haslams Creek	Parramatta River	7-8/5/00	Parramatta River	56	319079	6253015	23.0	Tide would get to this vicinity, 350m upstream from Great Western Highway
Hastings River	Hastings River	5/11/98	Wauchope	56	468329	6520199	35.8	4.1km upstream from Camerons Falls
Hawkesbury River	Hawkesbury River	20/2/00	Kurrajong	56	-	-	-	Fully tidal to junction with Grose River, upstream from here known as Nepean River
Hawthorne Canal	Parramatta River	6/10/00	Botany Bay	56	328419	6248255	18.5	Tide would get at least to this vicinity under railway bridge
Haydons Creek	Hastings River	5/8/05	Port Macquarie	56	480534	6521817	17.7	Large rises in creek 2.1km upstream from Hastings River
Hearns Lake (South)	Hearns Lake	24/8/05	Moonee Beach	56	518881	6665240	2.0	Small rise in creek then grass cover
Hérons Creek	Camden Haven River	3/12/98	Byabarra	56	474689	6505334	16.6	500m downstream from Pacific Highway
Hewitts Creek	Hewitts Creek	31/1/02	Bulli	56	308794	6200135	0.40	Small rise and heavy reed growth at this point, 500m downstream from railway
Hominy Creek	Hawkesbury River	28/2/02	Gunderman	56	329440	6301640	35.8	Small rise in creek 750m upstream from road

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Hooka Creek	Lake Illawarra	31/1/02	Wollongong	56	301049	6182535	9.5	Tide would not get 10m upstream from end of culverts under Hooka Creek Rd
Howes Creek	Hawkesbury River	27/2/02	Wilberforce	56	301755	6290115	94.5	Reed growth would stop tide within 150m of Currency Creek
Hunter River	Hunter River	12-13/7/99	Maitland	56	364415	6382214	63.5	In this vicinity, 2.1km upstream from railway bridge at Oakhampton
Hursley Creek	Hastings River	29/2/01	Port Macquarie	56	476679	6522339	21.6	At weir 300m upstream from Carecorara Inlet
Hydes Creek (North)	Bellinger River	3-4/6/00	Bellingen	56	493804	6631263	22.0	Reed growth would stop tide by this point, 900m upstream from Slarkes Bridge
Hydes Creek (West)	Bellinger River	3-4/6/00	Bellingen	56	492224	6630788	22.3	Tide would be stopped by reed growth, 150m upstream from Constables Bridge
Iron Cove Creek	Parramatta River	6/10/00	Botany Bay	56	326719	6250165	18.1	Tide would get at least to this vicinity, 100m upstream from Parramatta Road
Ironbark Creek	Hawkesbury River	28/2/02	Gunderman	56	329325	6304630	42.2	Rise in creek, 3.1km upstream from Mangrove Creek
Ironbark Creek	Hunter River	16/12/01	Wallsend	56	375790	6359379	21.1	Tide can get to rise at start of concrete drain, 250m upstream from Minmi Road
Jackybulbin Creek	Richmond River	21-22/7/97	Gibberagee	56	516605	6774192	94.5	Tide would get to this point 100m upstream from Bungawalbin Creek
Jackys Gully	Clarence River	15/11/01	Woombah	56	529204	6754447	12.4	Heavy reed growth 2.8km upstream from Esk River
James Creek	Clarence River	15/11/01	Maclean	56	522954	6742012	22.4	Heavy reed growth stops tide at this point 3.1km upstream from Clarence River
Jellat Jellat Gully	Bega River	Historical	Bega	55	759333	5932324	12.8	Benooka Lake was tidal but now a weir 450m upstream from Russels Bridge
Jeremadra Creek	Tomaga River	30-31/8/96	Mogo	56	241429	6034656	9.8	Downstream side of weir
Jerrara Creek	Minnamurra River	10/7/02	Kiama	56	301369	6164630	8.4	Rise in creek directly below eastern side of new raised freeway - creek course not as marked on map so limit may be different when construction finishes
Jerusalem Creek	Jerusalem Creek	10-12/12/97	Tabbimoble	56	535344	6764652	5.0	325m downstream from road crossing
Jigadee Creek	Lake Macquarie	27-28/11/99	Morisset	56	356730	6339294	25.9	950m downstream from Newport Road
Joes Creek	Batemans Bay	28/1/02	Nelligen	56	246344	6041721	1.7	Entrance usually closed, reed growth starts 1.2km upstream from Beach Road
Jordans Creek (North Branch)	Jordans Creek	28/6/02	Coffs Harbour	56	513544	6651178	0.23	Under building 225m upstream from ocean
Jordans Creek (South Branch)	Jordans Creek	28/6/02	Coffs Harbour	56	513324	6650888	0.65	Rise in creek and grass growth would stop tide by bridge on Cutter Drive
Kahibah Creek	Hawkesbury River	9/9/02	Broken Bay	56	342769	6288715	0.90	Creek rises on upstream side of Ettalong Road bridge then thick grassy reeds
Kalang River	Bellinger River	8-9/8/98	Missabotti	56	489569	6625763	25.1	Small rise in river, 700m upstream from bridge at Brierfield
Karignan Creek	Lake Macquarie	23-24/11/99	Catherine Hill Bay	56	367005	6327854	22.6	Weir 1.1km upstream from Chain Valley Bay
Karuah River	Port Stephens	10-12/8/99	Dungog	56	402550	6405469	47.7	Tide gets to rocky rapids, 900m downstream from bridge on Bucketts Way
Kellys Creek	Hawkesbury River	9/3/01	Gunderman	56	333155	6299365	38.5	Tide follows new drainage network then would disperse into wetland in this vicinity, 1.3km upstream from Cabbage Tree Creek

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Kellys Lake	Kellys Lake	29/1/02	Bodalla	56	243014	6011471	1.1	Entrance usually closed but tide could get to rise in creek, 1.1km from entrance, 20m upstream from narrow passage through natural rock barrier
Kelso Creek	Georges River	23-24/7/98	Liverpool	56	314704	6241800	34.9 ²	Heavy reed growth due north from northern end of Bismire Street
Khappinghat Creek	Khappinghat Creek	16/5/99	Hallidays Point	56	453499	6458889	9.3	50m downstream from bend in Yellow Crossing Road
Kianga Creek	Kianga Lake	-	Narooma	56	-	-	-	Not done yet – entrance usually closed
Kierans Creek	Hawkesbury River	9-10/1/97	Hornsby	56	330364	6270765	23.9	Rise in creek 275m upstream from Cowan Creek
Kilaben Creek	Lake Macquarie	27/10/99	Swansea	56	366105	6344194	13.0	Would be tidal for a very short distance upstream from Stockyard Creek
Killick Creek (North)	Killick Creek	From map	Kundabung	56	497764	6551838	2.9	Tide would extend at least to this point, 1.4km upstream from west branch
Killick Creek (West)	Killick Creek	10-11/8/98	Kundabung	56	496829	6551118	2.4	Tide stops at floodgates
Kinchela Creek	Macleay River	10-11/8/98	Kempsey	56	499189	6563048	32.1	680m upstream from floodgates tide stopped by reed growth
Kincumber Creek	Brisbane Water	22-23/11/99	Gosford	56	351054	6295365	14.2	Small rise in creek near last house on west side of School Street
Kings Creek	Hastings River	6-9/10/98	Wauchope	56	475259	6516259	28.8	20m downstream from bridge on Kings Creek Road
Kings Creek (North)	Brunswick River	18-19/7/97	Brunswick Heads	56	549340	6839902	9.4	Heavy reed growth 150m upstream from floodgates, 100m upstream from railway
Kings Creek (South/Drain)	Brunswick River	22-23/6/97	Huonbrook	56	548240	6839412	11.4	At Mullumbimby-Ewingsdale Road
Kooloonbung Creek	Hastings River	5-6/11/98	Port Macquarie	56	490074	6520694	4.9	Tide disperses into wetland above this point, 0.9km upstream from Lake Road
Koona Bay	Lake Illawarra	4/6/01	Albion Park	56	297704	6174265	9.1	Bay is tidal with no significant creeks entering
Koorainghat Creek	Khappinghat Creek	16/5/99	Cundletown	56	455844	6460039	8.6	2.5km upstream from Khappinghat Creek
Kore Kore Creek	Port Stephens	9-10/8/99	Port Stephens	56	418230	6389144	15.0	Rise in creek, 150m upstream from ford
Korogoro Creek	Korogoro Creek	10-11/8/98	Korogoro Point	56	501564	6566898	6.4	Tide could extend to this point, 1.0km upstream from floodgates before dispersing into wetland
L. T. Creek (North)	Lake Macquarie	24/11/99	Wallsend	56	367655	6349489	15.7	Tide gets to culverts on Fassifern Road
L. T. Creek (South)	Lake Macquarie	24/11/99	Wallsend	56	367620	6349269	15.7	Tide gets to downstream side of disused Toronto-Fassifern railway bridge
Lake Arragan	Lake Arragan	-	Brooms Head	56	-	-	-	Not done yet - entrance usually closed
Lake Cathie	Lake Cathie	7/6/00	Grants Head	56	-	-	2.8	Tide would disperse into surrounding wetland, no significant tributaries
Lake Innes/Karikeree Creek	Lake Cathie	7/6/00	Port Macquarie	56	486229	6517264	8.9	Lake is tidal and tide would disperse into surrounding wetland
Lake Moore	Georges River	6/6/01	Liverpool	56	-	-	-	Fully tidal lake is tidal with no significant creeks entering
Lake Munmorah	Tuggerah Lake	24/11/99	Catherine Hill Bay	56	366605	6325689	19.5	Lake would be tidal, no major creeks
Lake Tarourga	Lake Tarourga	-	Bodalla	56	-	-	-	Not done yet – entrance usually closed
Lane Cove River	Parramatta River	22-23/7/98	Parramatta River	56	329244	6259455	23.3	Large weir 200m upstream from Fullers Bridge
Lansdowne River	Manning River	2-3/11/98	Cooperook	56	455814	6482514	29.4	At weir near Lansdowne, 2.0km downstream from railway bridge
Lawlers Creek	Lake Mummuga	6-7/2/97	Narooma	56	238569	5994641	3.6	At ford 240m upstream from Highway bridge

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Layburys Creek	Hawkesbury River	19/2/00	Gunderman	56	319695	6295325	44.4	Tidal for 200m from Ashdale Creek
Leddays Creek	Tweed River	25/6/02	Murwillumbah	56	548780	6872086	16.8	No apparent leakage through floodgates at Pacific Highway
Lemon Tree Creek	Tabourie Lake	16/6/99	Tabourie	56	263644	6074216	3.1	Tide would reach at least to this point, 1.6km upstream from Tabourie Creek
Leos Creek	Twofold Bay	10-11/12/96	Eden	55	753073	5890224	3.3	At causeway on road crossing
Leycester Creek	Richmond River	23-24/6/97	Casino	56	520695	6815537	114.0	2.3km upstream from Terania Creek
Limeburners Creek	Camden Haven River	6/11/98	Grants Head	56	482704	6503754	13.6	1.9km upstream from Queens Lake
Limeburners Creek	Hastings River	9/10/98	Telegraph Point	56	-	-	-	Fully tidal creek all the way to Saltwater Lake
Limeburners Creek	Port Stephens	11-12/8/99	Clarence Town	56	397105	6392914	38.6	1.3km upstream from Stony Creek
Little Arrawarra Gully	Arrawarra Creek	22-23/6/98	Woolgoolga	56	517919	6673253	2.4	150m downstream from Pacific Highway
Little Blue Gum Creek	Parramatta River	Historical	Parramatta River	56	329189	6260100	23.9	625m upstream from Lane Cove River, 50m upstream from Lady Game Drive
Marmong Creek	Lake Macquarie	9/9/02	Wallsend	56	370340	6350189	16.2	Small range above weir would disperse in this vicinity 450m upstream from Marmong Street
Marramarra Creek	Hawkesbury River	22-24/12/99	Cowan	56	321325	6288740	31.6	Large rise in creek, 2.3km upstream from powerlines
Marshalls Creek	Brunswick River	22-23/6/97	Brunswick Heads	56	551629	6847112	9.0	120m upstream from Pacific Highway bridge
Matenga Creek	Wooli Wooli River	14-16/12/97	Pillar Valley	56	521414	6703117	14.9	Tide would get to within 20m of bridge on Wooli Road
Mayal Creek	Tweed River	13/11/01	Murwillumbah	56	-	-	-	Fully tidal creek connected to Rous and Tweed Rivers
McCarrs Creek	Hawkesbury River	9-10/1/97	Mona Vale	56	339079	6274425	10.6	Rocky rise in creek, 2.7km upstream from Church Point
McClymonts Creek	Wallis Lake	8/6/01	Coolongolook	56	447880	6439614	9.4	Heavy reed growth stops tide 3.3km upstream from Coolongolook River
McGraths Creek	Oyster Creek	7-8/2/01	Wenonah Head	56	501654	6620383	2.9	Entrance usually closed but when open tide gets 375m upstream from railway bridge
McKenzies Creek	Hawkesbury River	19/2/00	Wilberforce	56	300640	6279215	122.3	Not tidal at Pitt Town Road bridge
McKies Creek	Manning River	5-6/6/00	Coopernook	56	454319	6475309	27.9	Small rise in creek, 450m upstream from Dickensons Creek
McLeods Creek	Clyde River	30/1/02	Nelligen	56	243804	6043321	3.0 ⁵	Disperses into wetland 2.4km upstream from Lattas Point on Clyde River
Merchants Gully	Cockrone Lake	10-11/5/01	Gosford	56	353559	6293630	1.1	Entrance often closed, large rise at rear of 182 Copacabana Drive
Meringo Creek	Meringo Creek	-	Moruya	56	-	-	-	Not done yet - entrance usually closed
Merrica River	Merrica River	19/7/01	Narrabarba	55	760988	5867749	2.0	Large rise in river at rocky rapids, 2.0km upstream from entrance
Merrimbula Creek	Back Lagoon	Historical	Pambula	55	759458	5913859	2.9	450m downstream from bridge on road to Tathra, entrance usually closed
Middle Camp Creek	Middle Camp Creek	16/12/01	Catherine Hill Bay	56	-	-	-	Not yet done - entrance usually closed
Middle Creek	Bonville Creek	3-4/6/00	Coffs Harbour	56	509024	6641458	2.7	Large rise in creek starts 10m downstream from Hulberts Road
Middle Creek	Narrabeen Lagoon	6-10/5/00	Mona Vale	56	338489	6268030	6.5	Large culverts with a rise above 0.15m, 1.7km upstream from Narrabeen Lakes
Middle Harbour Creek	Parramatta River	9-10/1/97	Hornsby	56	331929	6264740	16.8	Rise in creek 270m upstream from creek bend at Bungaroo
Mill Creek	Georges River	6-9/5/00	Port Hacking	56	315829	6235490	29.5 ²	Small rise in creek 280m upstream from weir

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Mill Creek	Hawkesbury River	28/2/02	Gunderman	56	317430	6303290	53.5	Heavy reed growth stops tide, 1.9km upstream from Hawkesbury River
Millards Creek	Millards Creek	14/3/01	Milton	56	270264	6084640	0.65	At weir 30m upstream from St Vincent St bridge 650m from harbour entrance
Minimba Creek	Wallis Lake	8/6/01	Coolongolook	56	442895	6439509	16.3	Tide would disperse into wetland, 5.0km upstream from Coolongolook River
Minnamurra River	Minnamurra River	30/1/02	Kiama	56	299464	6164490	9.6	Rapids 250m downstream from bridge on Browns Lane
Mogendoura Creek	Moruya River	1/8/00	Moruya	56	233739	6024396	13.0	Slight rise in creek, 325m upstream from bridge
Mogo Creek	Tomaga River	30-31/8/96	Mogo	56	242079	6035886	11.7	Downstream side of bend, 550m along Tomakin Road from Highway
Mollymook Creek	Mollymook Creek	30/1/02	Milton	56	269824	6086780	0.8	Entrance usually closed but tide could get to slight rise, 750m from entrance
Mondayong Creek	Swan Lake	-	Sussex Inlet	56	-	-	-	Not done yet - entrance usually closed
Mondrook Creek	Manning River	4/12/98	Taree	56	445369	6470199	38.7	Tide stopped by earth embankment
Monkey Jacket Creek	Port Stephens	9-10/8/99	Port Stephens	56	422625	6389854	15.5	At bend near gates to sawmill, 300m upstream from Rattley Bridge
Mooball Creek	Mooball Creek	25/4/02	Pottsville	56	551035	6852277	10.6	Tide stopped by thick reed growth just upstream from old timber bridge which is 1.8km upstream from Burringbar Creek
Moona Moona Creek	Jervis Bay	4/8/00	Huskisson	56	286239	6118605	14.3	Heavy reed growth upstream from this point, 2.3km upstream from entrance
Moonee Beach Creek	Moonee Beach Creek	16/12/01	Catherine Hill Bay	56	372105	6329324	0.48	Entrance usually closed if open tide would stop at rise on upstream side of track
Little Branch Creek	Port Stephens	10-11/8/99	The Branch	56	408005	6395884	41.3	At ford where The Branch Lane crosses creek
Little Bumbo Creek	Tuross River	Historical	Bodalla	56	230734	6007221	25.8	175m upstream from Bumbo Creek
Little Cattai Creek	Hawkesbury River	18-19/2/00	Wilberforce	56	307235	6286840	108.1	Tidal at least to this point, 425m upstream from Wisemans Ferry Road bridge
Little Creek	Table Creek	20/7/01	Nadgee	55	760368	5856004	1.3	Rise in creek at old concrete causeway which is 150m upstream from rock rapid, limit is 1.3km upstream from entrance
Little Lake	Little Lake	-	Central Tilba	56	-	-	-	Not done yet – entrance usually closed
Little Saltpan Creek	Georges River	23-24/7/98	Botany Bay	56	317179	6240950	28.1 ²	Large rise through culverts at Uranus Street
Lizzies Creek	Port Stephens	26/10/99	Karuah	56	397910	6389589	34.1	Disperses into wetland, 250m from Limeburners Road
Loftus Creek	Georges River	4/5/00	Port Hacking	56	319104	6231855	24.8 ²	225m upstream from Forbes Creek
Loggy Creek	Hastings River	9/10/98	Port Macquarie	56	476689	6528409	23.3	400m upstream from railway bridge
Long Bight Swamp	Hunter River	8/9/02	Williamstown	56	393075	6368084	18.6	Grass growth in creek at this point on Lavis Lane 1.4km from Nelson Bay Rd
Lucy Kings Creek	Tabourie Lake	12-14/11/96	Tabourie	56	265214	6079190	6.6	Heavy reed growth starts here 100m from Wheelbarrow Road
Luncheon Creek	Conjola Lake	16-17/6/99	Tianjara	56	267264	6100225	11.4	At junction of old and new creek line, 225m upstream from Conjola Creek
Luthrie Inlet (North)	Manning River	7/9/02	Cundletown	56	464749	6467834	4.1	Tide disperses into wetland 2.2km upstream from Kangaroo Point
Luthrie Inlet (South)	Manning River	7/9/02	Cundletown	56	463534	6466499	4.2	Grassy rise in creek 2.3km upstream from Kangaroo Point
Lynchs Creek	Candlagan Creek	14-15/6/99	Mogo	56	243254	6030791	3.8	Heavy reed growth starts here 800m upstream from Candlagan Creek
Lyrebird Gully	Hawkesbury River	5/12/01	Hornsby	56	325434	6276660	37.7	Large rocky rise in creek, 1.2km upstream from Berowra Creek

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Macdonald River	Hawkesbury River	17-20/2/00	St Albans	56	310620	6312085	73.0	In this vicinity, 1.9km upstream from Wrights Creek
Macleay Arm	Macleay River	9-10/8/98	Eungai	56	499554	6593498	15.5	Tide would stop within 150m upstream of bridge on road to Grassy Head
Macleay River	Macleay River	6-7/10/98	Sherwood	56	475509	6560273	56.7	Upstream side of Belgrave Falls, 80m downstream from Dungay Creek
Macquarie Rivulet	Lake Illawarra	4/6/01	Albion Park	56	296304	6174790	10.9	Large rise at old weir 550m upstream from Princes Highway bridge
Magpie Creek	Khappinghat Creek	16/5/99	Hallidays Point	56	454914	6457254	5.5	Tidal at least to this point, 1.2km upstream from Khappinghat Creek
Maguires Creek	Richmond River	20-22/7/97	Lismore	56	547455	6813312	25.5	Southern end of golf course, 1km upstream from bridge
Main Trust Canal	Tweed River	25/6/02	Murwillumbah	56	-	-	-	Fully tidal canal connected to Bartlets Creek and Leddays Creek
Main Trust Canal (South)	Tweed River	25/6/02	Murwillumbah	56	547980	6868756	27.0 ¹	Tide would get 20m upstream from culvert under Hawkens Lane
Malabar Creek	Moruya River	5-6/2/96	Moruya	56	237029	6025191	8.2	On downstream side of Highway culvert
Manarm Creek	Bellinger River	12-15/11/00	Raleigh	56	500829	6633033	10.3	In vicinity of old timber bridge, 2.0km upstream from Bellinger River
Mangaema Creek	Twofold Bay	17/7/01	Eden	55	756728	5892974	0.30	Rise and heavy reed growth, 325m upstream from Twofold Bay
Mangans Creek	Baragoot Lake	-	Bermagui	56	-	-	-	Not done yet – entrance usually closed
Mangrove Creek	Clarence River	11-12/12/97	Banyabba	56	515684	6751617	37.4	1.9km downstream from Barneys Creek
Mangrove Creek	Hawkesbury River	23-24/12/99	Mangrove	56	327380	6308915	47.2	Weir at pumping station
Mangrove Gully	Lake Macquarie	17/12/01	Catherine Hill Bay	56	369105	6329634	16.9	Large rise in creek then heavy reed growth, 325m upstream from Crangan Bay
Manly Creek	Manly Lagoon	5/5/00	Sydney Heads	56	339579	6261090	2.8	Large old weir 25m downstream from Condamine Street
Mannerling Bay	Lake Macquarie	23/11/99	Catherine Hill Bay	56	362350	6328979	21.9	Would be tidal up to spillway from Mannerling Lake
Manning River	Manning River	2-6/11/98	Taree	56	439289	6470709	53.9	Tide would get to main rise in Basin Ford, 1.6km upstream from Abbots Falls
Manning River - Sth Channel	Manning River	4-6/11/98	Cundletown	56	-	-	-	Fully tidal channel
Maria River	Hastings River	7-8/10/98	Kundabung	56	487269	6552518	42.3	2.2km downstream from railway bridge
Marlows Gully	Hawkesbury River	7/5/01	Gunderman	56	330775	6295090	29.0	Rise in creek at junction, 275m downstream from powerlines
Moonee Creek	Moonee Creek	22-23/6/98	Moonee Beach	56	517179	6661568	7.3	Within 250m upstream from this point due west of Look at Me Now Headland
Mooney Mooney Creek	Hawkesbury River	21-22/12/99	Gunderman	56	336720	6301465	31.7	Rise in creek, 2.2km upstream from Floods Creek
Moores Creek	Parramatta River	14/1/02	Parramatta River	56	332834	6262040	13.2	At rocky rise, 450m upstream from Middle Harbour Creek
Mortons Creek	Hastings River	6-9/10/98	Wauchope	56	470454	6523099	33.0	400m downstream from bridge on Mortons Creek Road
Moruya River	Moruya River	6-7/2/96	Moruya	56	-	-	-	Fully tidal river all the way to Deua River
Mosquito Creek	Richmond River	26/6/02	Empire Vale	56	-	-	-	Not tidal - more floodgates where creek enters canal
Mougamarra Creek	Hawkesbury River	6/12/01	Cowan	56	330159	6287220	23.1	Large rise in creek, 1.7km upstream from Mougamarra Point
Mudd Creek	Lake Macquarie	6-8/6/00	Swansea	56	367430	6347139	16.3	Joined to Stony Creek by culverts, tide gets within 10m of STW embankment
Muddy Creek	Botany Bay	7-8/5/00	Botany Bay	56	328314	6240975	12.9 ²	Tide would get to vicinity of small bridge, 380m down from Princes Highway
Mullet Creek	Hawkesbury River	21/12/99	Gosford	56	338814	6293665	17.3	Gets through railway embankment at western end then disperses into wetland
Mullet Creek	Lake Illawarra	31/1/02	Wollongong	56	298649	6182435	11.5	Large rise at old weir, 400m downstream from railway line

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Mullet Creek	Narrabeen Lagoon	5/5/00	Mona Vale	56	341854	6270140	2.0	Old weir 20m downstream from Jacksons Road
Mullett Creek (South Branch)	Corindi River	6/9/02	Red Rock	56	519729	6682703	3.4	No defined creek tide disperses in saltmarsh 2.1km upstream from Jewfish Point
Mullett Creek (West Branch)	Corindi River	27/6/02	Red Rock	56	518834	6683708	4.6	Tide disperses into wetland 3.3km upstream from Jewfish Point
Mullumbimby Creek	Brunswick River	1-2/6/00	Huonbrook	56	547980	6840387	14.5	At weir 520m upstream from Poplar Street bridge
Mundarlow Creek	Clyde River	15/6/99	Nelligen	56	239469	6043041	8.6 ⁵	Tide may get to upstream side of road crossing
Munghi Creek	Manning River	8/9/02	Taree	56	446884	6471279	40.0	Tide would get to rise at culverts under road near railway crossing
Munna Munnora Creek	Munna Munnora Creek	30/1/02	Kiama	56	303054	6159130	0.50	Entrance usually closed but tide could get to concrete causeway in caravan park
Munno Creek	Tabourie Lake	12-14/11/96	Tabourie	56	263754	6078466	6.4	Tidal to bridge on Munno Road
Murrah River	Murrah River	5-6/2/97	Murrah	56	233359	5954131	4.9	230m west of <i>Murrah</i> farm
Musicians Creek	Wooli Wooli River	Historical	Pillar Valley	56	519279	6700272	14.5	Expected to be 1.2km upstream from Wanderer Creek, not resurveyed
Myall River (Lower)	Myall Lakes	5-7/6/00	Port Stephens	56	-	-	-	Fully tidal river all the way to Bombah Broadwater
Myall River (Upper)	Myall Lakes	5-7/6/00	Bulahdelah	56	424480	6416979	61.5	Large rise at old low level crossing upstream side of bridge on Markwell Road
Myrtle Creek	Bermagui River	13/12/96	Bermagui	56	-	-	-	Not tidal, enters Nutleys Creek above tidal limit
Nadgee Lake	Nadgee Lake	20/7/01	Nadgee	55	-	-	-	Not done yet - entrance usually closed, no significant creek, tide would disperse into wetland
Nadgee River	Nadgee River	20-21/7/01	Nadgee	55	760183	5853464	3.7	Small rise in river 200m downstream from actual track crossing near Harrys Hut, note this track crossing is marked incorrectly on topographic map
Nambucca River	Nambucca River	8-9/8/98	Macksville	56	486114	6610388	30.7	250m upstream from Lanes Bridge at Bowraville
Nangudga Creek	Nangudga Lake	8/2/97	Narooma	56	241824	5985586	3.4	Downstream side of weir 100m downstream from Old South Coast Road
Narara Creek	Brisbane Water	22-23/11/99	Gosford	56	345635	6303215	21.2	Rocky rise in creek, 175m upstream from Carrington Street bridge
Nargal Lake	Nargal Lake	30/7/00	Central Tilba	56	-	-	-	Lake is not tidal, entrance permanently closed by high well vegetated dune
Narho Creek	Clarence River	15/11/00	Yamba	56	524604	6745877	16.9	When floodgates open tide gets to culvert under Nicholsons Lane
Narira Creek	Wallaga Lake	6-7/2/97	Bermagui	56	233389	5969201	10.0	1km upstream from bend at Kitchen Hole
Narrabeen Creek	Narrabeen Lagoon	9-10/5/00	Mona Vale	56	342364	6270260	2.4	Tide would get to culverts on Boondah Road
Narrabeen Lagoon	Narrabeen Lagoon	5/5/00	Mona Vale	56	-	-	-	Fully tidal lagoon
Narrawallee Creek	Narrawallee Inlet	25-26/5/97	Milton	56	266719	6093405	7.1	Heavy reed growth, 2.9km upstream from Croobyar Creek
Nelligen Creek	Clyde River	25-27/9/96	Nelligen	56	239479	6052106	18.1 ⁵	Near Braidwood Road, 350m west of River Road intersection
Nelson Creek	Nelson Lagoon	5-6/2/97	Bega	55	765153	5936909	3.4	350m upstream from bridge
Nepean River	Hawkesbury River	20/2/00	Kurrajong	56	286605	6278360	138.5	Rise in river under Yarramundi Bridge
Neranie Bay	Myall Lakes	17-18/5/99	Myall Lake	56	448265	6415989	65.7	Tide does extend to north-east corner of Myall Lake, less than 1cm range

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Nerong Creek	Myall Lakes	-	The Branch	56	426030	6400464	44.7	Not surveyed due to difficult access but would be tidal at least to this point
Nerrindillah Creek	Nerrindillah Creek	-	Sussex Inlet	56	-	-	-	Not done yet – entrance usually closed
Newee Creek	Nambucca River	8-9/8/98	Macksville	56	494459	6607103	18.8	100m upstream from a point due west of Millicent Farm
Newports Creek	Boambee Creek	23-24/6/98	Coffs Harbour	56	508614	6646588	8.2	Old concrete weir 600m upstream from Pacific Highway
Newrybar Drain	Richmond River	19-21/7/97	Ballina	56	556930	6822462	22.3	100m upstream from culvert
Niarga Creek	Clarence River	15/11/01	Maclean	56	515749	6739902	29.4	Could get to this vicinity on main creek, 750m upstream from Poverty Creek
North Arm - West Branch	Tom Thumbs Lagoon	5-6/6/97	Wollongong	56	305554	6186635	5.0	Near BHP Flat Products Division entrance road
North Creek	Richmond River	19-21/7/97	Byron Bay	56	-	-	-	Fully tidal creek all the way to Newrybar Drain
Nowra Creek	Shoalhaven River	12/6/99	Nowra	56	279694	6137340	22.0	Rise in creek 100m upstream from ford
Nullica River	Twofold Bay	10-11/12/96	Eden	55	752878	5890659	3.0	At second rock weir going upstream, 950m upstream from Leos Creek
Nutleys Creek	Bermagui River	13/12/96	Bermagui	56	231454	5964816	10.4	Downstream side of ford
Ocean Shores (South)	Brunswick River	25/6/02	Brunswick Heads	56	552914	6845682	5.7	Small weir 4m upstream from culverts under road going to maintenance sheds
Ocean Shores (West)	Brunswick River	25/6/02	Brunswick Heads	56	552514	6846002	6.4	Small weir 6m upstream from culverts near end of Terrara Circuit
Olsons Creek	Corunna Lake	-	Central Tilba	56	-	-	-	Not done yet – entrance usually closed
Ooaree Creek	Werri Lagoon	1-2/8/96	Kiama	56	301064	6154880	1.6	50m upstream of Highway culvert in heavy reed growth
Orara River	Clarence River	13/12/97	Grafton	56	480979	6713533	121.6	Tidal to vicinity of Munns Creek, 2.1km downstream from Bawdon Bridge
Orphan School Creek	Georges River	23-24/7/98	Liverpool	56	310199	6248770	48.7 ²	Rise in creek, 40m downstream from path at end of Coral Place
Ourimbah Creek	Tuggerah Lake	9/9/02	Wyong	56	351050	6311600	10.5	Small rises at this point 2.0km upstream from weir near railway bridge
Oyster Creek	Manning River	8/9/02	Cundletown	56	460264	6464304	3.6	Rises in creek then disperses into wetland 80m upstream from cow track culverts
Oyster Creek	Oyster Creek	7-8/2/01	Wenonah Head	56	500589	6616648	2.7	Entrance usually closed but when open tide gets to vicinity of old timber crossing, 2.4km upstream from railway bridge near entrance
Oyster Gully	Georges River	10/7/02	Port Hacking	56	322384	6234185	19.1 ²	Old weir or pipeline 10m upstream from footbridge at end of Carvers Road
Paddys Creek	Manning River	4-6/11/98	Cundletown	56	456619	6473114	26.1	1.3km upstream from Dickensons Creek, stopped by reeds
Palestine Creek	Curralo Lagoon	29/7/00	Eden	55	758163	5896509	2.4	Small rise in creek 160m downstream from Government Road bridge
Pambula River	Pambula Lake	11-12/12/96	Pambula	55	755628	5908059	9.8	100m downstream from Highway bridge
Parramatta River	Parramatta River	22-23/7/98	Parramatta River	56	315819	6256770	30.3	Weir at Parramatta
Paterson River	Hunter River	12-13/7/99	Paterson	56	369115	6395164	74.2	1.0km downstream from Gostwyck Bridge
Patonga Creek	Hawkesbury River	22-23/12/99	Broken Bay	56	340114	6289900	10.0	Creek junction 6.0km upstream from entrance
Pattimores Lagoon	Conjola Lake	5/6/01	Milton	56	270529	6093810	3.8	Rise in creek with heavy reed and grass growth, 25m upstream from lagoon
Pearl Beach Lagoon	Hawkesbury River	9/9/02	Broken Bay	56	-	-	-	Creek very rarely open to the ocean - not considered to be tidal
Peg Leg Creek	Manning River	4/12/98	Taree	56	443964	6467089	36.5	100m downstream from bridge on Wingham-Tinonee Road

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Pelican Bay	Manning River	21/5/01	Coopernook	56	464169	6473764	-	Not a closed system connected back to river at this point by culvert
Pelican Creek	Richmond River	13-15/11/00	Wardell	56	525755	6799437	80.9	2.1km upstream from Ruthven Bridge, 4.6km upstream from Wilsons River
Picket Hill Creek (East)	Bellinger River	24-25/6/98	Missabotti	56	497064	6622908	17.6	Tide gets to this point, 550m upstream from bridge on Martels Road, then disperses into wetland
Picket Hill Creek (West)	Bellinger River	8-9/8/98	Missabotti	56	496729	6622313	18.1	Still tidal at this point but not 400m upstream at Stables Road
Piggabeen Creek	Tweed River	20-22/6/97	Currumbin	56	544890	6882136	16.0	At rock pile in creek, 0.5km WNW of road bridge
Piles Creek	Hawkesbury River	21-22/12/99	Gosford	56	338865	6298350	28.0	Large rise in creek, 20m upstream from old walking track crossing
Pine Brush Creek	Pine Brush Creek	15/11/00	Coffs Harbour	56	512914	6653373	1.0	At road crossing 200m downstream from Pacific Highway
Pine Creek	Bonville Creek	22-24/6/98	Raleigh	56	503564	6637198	13.2	600m downstream from Pacific Highway
Pipe Clay Lake (North Branch)	Pipe Clay Lake	28/6/02	Woolgoolga	56	519909	6679078	0.38	Tide would probably get to this vicinity 375m upstream from ocean
Pipe Clay Lake (South Branch)	Pipe Clay Lake	28/6/02	Woolgoolga	56	519594	6678323	0.85	Heavy reed and grass growth would stop tide 10m upstream from footbridge
Pipeclay Canal	Manning River	2-3/11/98	Coopernook	56	469889	6483429	21.2	At crossing on road to Coral Ville
Pipeclay Creek	Port Stephens	6-7/6/00	Karuah	56	396445	6381454	38.2	Rise in creek 330m downstream from powerlines
Pipeclay Creek	Tweed River	1-2/6/00	Murwillumbah	56	537935	6871196	31.6	Constriction in creek at rear of first house on left in Braemar Place 780m upstream from Dungay Creek
Pipeclay Creek/Urunga Lagoon	Bellinger River	3/6/00	Wenonah Head	56	501594	6623688	3.3	Tide gets to rear of 21 Odalberree Drive, 500m upstream from railway bridge
Pipers Creek	Hastings River	7-8/10/98	Kundabung	56	484229	6547888	34.6	350m upstream from railway bridge
Pipers Creek	Wallis Lake	17-18/5/99	Forster	56	453929	6437654	12.0	Tide gets to this vicinity but probably also comes from Breckenridge Channel
Pipers Creek (East Branch)	Wallis Lake	24/5/01	Forster	56	455714	6436279	11.6	Constricted creek no tide at this point, 500m upstream from The Lakes Way
Pipers Creek (North Branch)	Wallis Lake	24/5/01	Forster	56	455399	6436819	11.9	Heavy reed growth would stop tide, 800m upstream from The Lakes Way
Pola Creek	Macleay River	23/5/01	Kempsey	56	486484	6561513	42.7	Small rise in creek in this vicinity, 400m upstream from Gills Bridge Creek
Pontobark Creek	Manning River	4/11/98	Coopernook	56	454939	6476339	29.0	Tidal at junction with New Yard Creek
Popran Creek	Hawkesbury River	23-24/12/99	Gunderman	56	332405	6303240	40.7	775m upstream from bridge near Hospital Gully
Porto Gully	Hawkesbury River	6/12/01	Cowan	56	333714	6284550	11.1	Rocky rise in creek, 1.3km upstream from Mud Point
Poundyard Creek	Woolgoolga Lake	22-23/6/98	Woolgoolga	56	518194	6669438	1.6	Tidal to Pacific Highway
Pourmalong Creek	Lake Macquarie	24/11/99	Morisset	56	359845	6334944	23.0	300m downstream from bridge on road to Morisset Psychiatric Hospital
Poverty Creek	Clarence River	15/11/01	Macleay	56	516679	6740422	-	Some leakage through floodgates at this point but creek connects back to river via Poverty Creek drain at 513440E 6738520N, so no real tidal limit
Powells Creek	Parramatta River	22-23/7/98	Parramatta River	56	323029	6251390	22.1	100m upstream from Allen Street bridge
Prospect Creek	Georges River	7-8/5/00	Liverpool	56	311379	6249605	48.4 ²	Weir at rear of 97 Vine Street, 225m downstream from Konnemanns Bridge
Pumpkin Point Creek	Hawkesbury River	6/12/01	Gunderman	56	326430	6292715	25.9	No defined creek, heavy reed and grass growth, 1.25km SE from Ivory Trig
Punkally Creek	Wagonga Inlet	7-8/2/97	Narooma	56	236154	5985766	9.3	930m upstream from Wagonga Scenic Drive bridge

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Racecourse Creek	Moruya River	29/1/02	Moruya	56	236399	6021461	7.5	Heavy reed growth stops tide by this point, 575m upstream from Highway
Racecourse Creek	Racecourse Creek	8/9/02	Cundletown	56	460994	6462419	0.65	Entrance often closed - tide gets to downstream side of culverts under David St
Rainbow Gully	Khappinghat Creek	16/5/99	Hallidays Point	56	452929	6457504	9.1	Tidal to causeway 350m upstream from Allards Creek
Rawdon Creek	Hastings River	5/11/98	Port Macquarie	56	478944	6527774	20.2	1.3km downstream from Forest Hut Road
Redbank Creek	Corindi River	16/11/01	Woolgoolga	56	517959	6680903	10.0	Small rise in creek, 1.1km upstream from Corindi River
Reedy Creek	Clarence River	-	Tyndale	56	504544	6735197	45.7	Not surveyed but would be tidal to Teal Lagoon
Reedy Creek	Hastings River	7-8/10/98	Kundabung	56	489189	6550998	41.2	Tide stops within 400m upstream of this point, 2.0km upstream from Maria River
Reedy Creek	Meroo Lake	-	Tabourie	56	-	-	-	Not done yet - entrance usually closed
Reedy Creek	Port Stephens	12-13/8/99	Karuah	56	399515	6386639	28.0	At actively eroding escarpment in creek, 350m downstream from Pacific Highway near golf course
Reedy Creek	Richmond River	13/11/00	Empire Vale	56	-	-	-	Not tidal - tide now stopped by floodgates on Empire Vale Creek
Reedy Creek	Twofold Bay	18/7/01	Eden	55	754518	5890199	1.7	Heavy reeds 50m from this point, under powerlines, 375m from Nullica River
Reedy Creek	Wallis Lake	15/12/01	Wootton	56	444490	6429899	23.5	Slight rise with heavy reed growth, 900m upstream from Wallingat River
Reserve Creek	Cudgen Creek	14/11/01	Cudgen	56	551755	6865686	13.9	Creek would be tidal all the way to Clothiers Creek Road
Rhones Creek	Nambucca River	24/6/02	Macksville	56	485464	6602478	27.0	Small rises in creek at farm crossing 500m upstream from Welshs Creek
Richmond River	Richmond River	18-20/7/97	Casino	56	507930	6807187	114.1	4.0km downstream from Irving Bridge, Casino
Rickabys Creek	Hawkesbury River	11/7/02	Wilberforce	56	296745	6279255	122.4	Large rise in creek directly under Cornwallis Bridge
Roberts Creek	Hawkesbury River	27/2/02	Lower Portland	56	301660	6293170	89.2	Tide gets to vicinity of old timber bridge, 1.0km from Hawkesbury River
Roberts Creek	Richmond River	26/6/02	Ballina	56	553745	6811362	13.9	Tide flows in drain to this vicinity 1.0km upstream from Deadmans Creek
Rocklow Creek	Minnamurra River	8-9/5/00	Albion Park	56	301404	6167880	3.9	Heavy reed growth 325 upstream from Princes Highway
Rocky Creek	Parramatta River	14/1/02	Hornsby	56	332149	6264405	16.2	260m upstream from Middle Harbour Creek
Rocky Mouth Creek	Richmond River	Historical	Woodburn	56	529665	6779587	51.0	3.6km upstream from floodgates, not resurveyed due to difficult access
Roses Creek	Hawkesbury River	28/2/02	Gunderman	56	314605	6303050	54.0	Leakage through floodgates disperses into wetland 50m upstream from road
Rous River	Tweed River	19-20/6/97	Murwillumbah	56	533345	6867977	42.0	Ford 1.7km upstream from Boat Harbour Bridge
Ryans Cut	Ryans Cut	13/12/01	Kundabung	56	498919	6556588	1.4	If entrance/floodgates open, tide would get to this point 1.4km from entrance
Saltpan Creek	Crookhaven River	12/6/99	Nowra	56	288914	6133100	11.6	On upstream side of causeway near bend in Bournes Lane
Saltpan Creek	Georges River	7-8/5/00	Botany Bay	56	318469	6243700	30.3 ²	Tide would get to vicinity of footbridge/cycleway at end of Hoskins Street
Saltwater Creek	Avoca Lake	10-11/5/01	Gosford	56	352839	6296085	2.2	Entrance often closed, rise in creek 375m downstream from Avoca Drive
Saltwater Creek	Corindi River	15-17/12/97	Red Rock	56	518829	6685873	8.3	75m upstream from Dirty Creek

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Saltwater Creek	Saltwater Creek	10/8/98	South West Rocks	56	505804	6581613	4.3	Entrance often closed for extended periods but Saltwater Lagoon is tidal and tide would disperse into surrounding wetland
Saltwater Creek	Saltwater Creek	29/1/02	Mogo	56	248709	6033151	0.15	Entrance usually closed but tide could get to large rise 150m from ocean
Saltwater Creek	Saltwater Creek	18/7/01	Kiah	55	765433	5882624	1.7	Large rise 100m upstream from rocky rapids that are 1.6km from entrance
Saltwater Creek	Tuggerah Lake	17/12/01	Wyong	56	358305	6307030	6.1	Small rise in creek, 50m upstream from weir upstream of The Entrance Road
Saltwater Creek (Main)	Port Stephens	16/12/01	Karuah	56	398105	6377824	30.2	Tide disperses into wetland, 3.4km upstream from Twelve Mile Creek
Saltwater Creek (West)	Port Stephens	16/12/01	Karuah	56	398415	6376634	29.4	Bund wall of Racecourse Swamp, 2.5km upstream from Twelve Mile Creek
Saltwater Inlet	Macleay River	14/12/01	South West Rocks	56	503454	6576268	10.9	Any leakage through floodgates at this point could get a further 700m upstream
Saltwater Lake	Hastings River	9/10/98	Telegraph Point	56	493654	6535513	17.8	Lake is tidal, tide would disperse into surrounding wetland
Salty Lagoon (Nth Branch Est)	Salty Lagoon	26/6/02	Woodburn	56	542340	6784182	2.1	Small rises in creek 165m upstream from junction
Salty Lagoon (Nth Branch Nth)	Salty Lagoon	26/6/02	Woodburn	56	542220	6784262	2.1	Small rises in creek 130m upstream from junction
Salty Lagoon (South Branch)	Salty Lagoon	26/6/02	Woodburn	56	542164	6782327	1.7	Tide disperses into wetland 1.7km upstream from ocean
Salvation Creek	Hawkesbury River	6/12/01	Mona Vale	56	339489	6277360	10.2	Rocky rise at upstream end of shallow pool, 1.4km from Rocky Point
Sams Creek	Hawkesbury River	5/12/01	Cowan	56	326469	6278175	36.1	Rocky rise 30m upstream from walking track crossing
Sandbrook Inlet	Hawkesbury River	9/9/02	Cowan	56	335589	6287300	16.7	No creek but tide would get to this point near railway tunnel on Long Island
Sandon River	Sandon River	14-17/12/97	Sandon	56	524739	6713262	14.7	9.0km upstream from Candole Creek
Sandy Beach Creek	Sandy Beach Creek	29/1/02	Wolumla	55	760748	5920939	2.2	Entrance usually closed but tide could get to gravel bar 2.0km from entrance
Sandy Creek	Middle Lagoon	-	Bega	55	-	-	-	Not done yet – entrance usually closed
Sandy Creek	Richmond River	21-22/7/97	Ellangowan	56	522295	6790712	64.4	100m upstream from old timber bridge, heavy reed growth
Sarahs Creek	Hastings River	5-7/6/00	Port Macquarie	56	478019	6518264	24.6	Large rise in creek 900m upstream from Oxley Highway
Savilles Creek	Port Hacking	24/7/00	Port Hacking	56	-	-	-	Not tidal - enters Dents Creek above tidal limit
Scotchmans Creek	Hawkesbury River	28/2/02	Gunderman	56	328320	6298485	31.5	Large rise in creek 300m upstream from road
Scotts Creek	Manning River	4-6/11/98	Cundletown	56	-	-	-	Fully tidal creek
Scotts Creek	Parramatta River	14/1/02	Parramatta River	56	334194	6259865	10.2	Large rock rise in creek, 2.2km upstream from Sugarloaf Point
Screech Owl Creek	Hawkesbury River	28/2/02	Gunderman	56	327445	6302190	36.9	Tide disperses into wetland in this vicinity 400m upstream from road
Serpentine Channel	Clarence River	27/6/02	Yamba	56	-	-	-	Fully tidal channel open at both ends
Seymours Creek	Hawkesbury River	6/12/01	Cowan	56	332639	6286280	14.7	Heavy reed and grass growth starts 80m upstream from Brooklyn Road
Shadrachs Creek	Twofold Bay	17/7/01	Eden	55	755398	5892724	0.60	Rise through culverts 625m upstream from Quarantine Bay, Twofold Bay
Shannon Brook	Richmond River	13-15/11/00	Tatham	56	514305	6800402	90.2	2.6km upstream from Richmond River
Shark Creek	Clarence River	11-13/12/97	Tyndale	56	518214	6728787	41.9	Tidal to this point then probably disperses in Tyndale Swamp 2.2km upstream

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Sheas Creek	Botany Bay	9/5/00	Botany Bay	56	332829	6246365	15.8 ²	Tide would get to a point 100m downstream from Huntley Road bridge
Sheep Station Creek	Clyde River	13-14/6/99	Nelligen	56	243754	6049391	13.6 ⁵	20m upstream from old road culverts
Shoalhaven River	Shoalhaven River	31/7-1/8/96	Burrier	56	267229	6139005	50.2	Tide would reach to vicinity of Meadow Creek, Burrier
Simpsons Creek	Brunswick River	18-19/7/97	Brunswick Heads	56	554029	6836062	10.6	In this vicinity 125m north from Black Rock Road
Simpsons Creek (West)	Brunswick River	1-2/6/00	Brunswick Heads	56	553014	6836072	11.4	Heavy reed growth starts 80m upstream from railway bridge
Simpsons Crk (Wrecking Yard)	Brunswick River	26/6/02	Brunswick Heads	56	553509	6837967	9.8	Heavy grass growth stops tide 220m upstream from culverts on road to quarry
Skinner's Creek	Moonee Creek	3/6/00	Moonee Beach	56	514474	6660438	5.0	Not tidal at this point on downstream side of Pacific Highway
Slacky Creek	Slacky Creek	31/1/02	Bulli	56	308859	6199000	0.60	Heavy reed growth starts 15m downstream from footbridge
Smarts Creek (North)	Tuross River	31/7/00	Bodalla	56	237199	6008331	7.5	Causeway 70m upstream from junction
Smarts Creek (West)	Tuross River	31/7/00	Bodalla	56	237174	6008241	7.5	Causeway 40m upstream from junction
Smiths Creek	Hastings River	7-8/10/98	Kundabung	56	483889	6546278	31.7	200m upstream from railway bridge
Smiths Creek (East)	Hawkesbury River	27/8/00	Hornsby	56	334834	6273502	19.7	Rocky rise in creek, 80m upstream from left bank side creek
Smiths Creek (South)	Hawkesbury River	27/8/00	Hornsby	56	333979	6274260	18.6	Sloping rock rise in creek, 250m upstream from east branch
Snowball Creek (South)	Hastings River	9/10/98	Wauchope	56	476074	6525339	22.0	360m downstream from bridge on Stoney Creek Road
Snowball Creek (West)	Hastings River	9/10/98	Wauchope	56	476069	6525599	22.1	70m downstream from road bridge, heavy reed growth
South Creek	Hawkesbury River	19-21/2/00	Riverstone	56	297415	6271455	132.4	Large rise in creek 190m downstream from Richmond Road bridge
South Creek	Narrabeen Lagoon	5/5/00	Mona Vale	56	340279	6266690	6.0	Small old weir opposite 258 South Creek Road
South West Arm Creek	Port Hacking	4/5/00	Port Hacking	56	322734	6226290	9.4	325m downstream from Winifred Falls
South West Rocks Creek	South West Rocks Creek	24/6/02	South West Rocks	56	501814	6582258	3.1	Disperses into wetland and saltmarsh in this vicinity 3.1km upstream from ocean
Southgate/Alumy Creek	Clarence River	23/7/97	Tyndale	56	503264	6726057	51.0	Tide stopped by weir 100m from Clarence River
Spencers Creek	Macleay River	14/12/01	South West Rocks	56	-	-	-	Fully tidal creek
Sportsmans Creek	Clarence River	11-13/12/97	Maclean	56	500824	6736812	49.6	Tide gets past barrage 3.5km upstream from Clarence River and would probably reach at least to this point, 3.7km downstream from railway bridge
Spring Creek	Richmond River	3/8/05	Tatham	56	515964	6800004	87.2	Small rises then heavy reed growth 200m upstream from Richmond River
Spring Creek	Spring Creek	4/6/01	Kiama	56	302599	6162355	1.0	Large rise through culverts 900m upstream from entrance
Spring Creek	Tuggerah Lake	24/5/01	Dooralong	56	359340	6324995	19.3	Small rise in creek in this vicinity, 475m downstream from railway bridge
Stanwell Creek	Stanwell Creek	10/7/02	Appin	56	314369	6210395	0.40	Large rise downstream of causeway on Lower Coast Road
Station Creek	Port Stephens	9-10/8/99	The Branch	56	414525	6390614	24.1	1.6km upstream from Bundabah Creek
Station Creek	Station Creek	15-17/12/97	Red Rock	56	522129	6688013	6.4	Heavy reed growth upstream from this point, 5.6km upstream from entrance
Stewarts River	Camden Haven River	2-3/12/98	Lorne	56	471429	6490739	19.2	Tidal to weir, 100m upstream from old highway bridge

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Still Creek	Hawkesbury River	5/12/01	Hornsby	56	324074	6277605	39.2	Rocky rise in creek, 1.1km upstream from Berowra Creek
Stitts Creek	Manning River	3-4/12/98	Taree	56	449719	6467354	28.0	This vicinity 300m downstream from old highway, then disperses into wetland
Stockton Creek	Lake Macquarie	24-25/11/99	Morisset	56	356130	6335625	26.4	Heavy reed growth, 325m upstream from bridge on Freeway
Stockyard Creek	Lake Macquarie	27/10/99	Swansea	56	366115	6344154	13.0	Tide would get to dam on golf course, 30m upstream from Kilaben Creek
Stoney Creek	Hastings River	6-9/10/98	Wauchope	56	476104	6525664	22.2	Large rise in creek 225m downstream from road bridge
Stoney Creek	Lake Brou	Historical	Narooma	56	238119	5997731	4.1	250m upstream from Whittakers Creek
Stony Creek	Burrill Lake	2-4/6/97	Milton	56	265454	6085915	10.0	Downstream side of natural rocky causeway, 4.0km upstream from Burrill Lake
Stony Creek	Lake Macquarie	27/10/99	Swansea	56	366415	6347759	18.0	460m upstream from old causeway at end of High Street
Stony Creek	Port Stephens	11-12/8/99	Clarence Town	56	397310	6393664	38.4	Rise in creek 50m upstream from bridge on Bucketts Way
Stony Creek	Stony Creek	25/6/01	Sussex Inlet	56	295434	6106155	0.50	Rise in creek 450m from ocean
Stony Creek (Main)	Manning River	14-15/12/01	Wingham	56	447884	6475609	33.2	Small rocky rise in creek, 1.4km upstream from Dawson River
Stony Creek (West)	Manning River	14/12/01	Wingham	56	448094	6474959	32.8	Large rounded rocks in creek, 500m upstream from Stony Creek (Main)
Strangers Creek	Parramatta River	20/7/00	Parramatta River	56	327364	6256915	19.6	Tide would be stopped by heavy reed growth within 60m of Buffalo Creek
Styx Creek	Hunter River	11-12/7/99	Wallsend	56	382030	6357309	8.4	Rise in creek, 50m upstream from Chatham Road bridge
Subiaco Creek	Parramatta River	20/7/00	Parramatta River	56	317854	6257310	28.3	Rise in creek, 150m upstream from Victoria Road
Sugar Creek	Wallis Lake	17-18/5/99	Wootton	56	444570	6428164	25.9	Tide gets 200m upstream from track crossing
Sugar Mill Creek	Moonee Creek	3/8/05	Moonee Beach	56	514559	6657514	1.1	Large rise in creek 750m upstream from Moonee Creek
Sugarloaf Creek	Parramatta River	14/1/02	Parramatta River	56	334864	6258770	9.2	Rise in creek, then grass and reed growth, 60m upstream from Camp Creek
Sugee Bag Creek	Hawkesbury River	28/2/02	Gunderman	56	325705	6305540	44.6	Access denied by <i>Windara Park</i> manager - tide could get to this point 1.6km upstream from Mangrove Creek according to manager
Sussex Inlet	St Georges Basin	3-4/6/97	Sussex Inlet	56	-	-	-	Fully tidal inlet
Swaines Creek	Parramatta River	14/1/021	Parramatta River	56	329909	6258570	22.7	Rocky rise in creek, 20m from waterfall ,380m upstream from Lane Cove River
Swamp/Fishery Creek	Hunter River	5-8/6/00	Maitland	56	363745	6376779	62.8	Rise in creek under Dagworth Bridge, 1.6km upstream from Wallis Creek
Swampy Creek	Nambucca River	16/11/01	Macksville	56	498569	6609098	3.4	Small rise in creek then heavy reed growth, 350m upstream from Bellwood Crk
Swan Bay	Richmond River	Historical	Woodburn	56	529655	6785362	55.5	Fully tidal, old meander of Richmond River
Swan Creek	Clarence River	Historical	Grafton	56	498389	6719087	59.9	At floodgates 20m upstream from Clarence River
Swan Lake Inlet	Swan Lake	-	Sussex Inlet	56	-	-	-	Entrance closed, but when open inlet would be fully tidal
Sweeneys Creek	Clarence River	15/11/00	Tucabia	56	505454	6719912	18.7	If floodgates near Briner Bridge are open tidal to here on Possum Hole Lane 1.75km north of Deep Creek Road, 3.7km upstream from Coldstream River
Table Creek	Table Creek	19-20/7/01	Nadgee	55	760943	5856569	1.1	Rise in creek 4m upstream from old causeway 1.1km upstream from ocean

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Tabourie Creek	Tabourie Lake	12-14/11/96	Tabourie	56	-	-	-	Fully tidal creek all the way to Tabourie Lake
Tandingulla Creek	Shoalhaven River	9/7/02	Berry	56	285484	6143710	16.3	Floodgates at Sopers Road in good condition
Tallow Creek	Tallow Creek	19-21/7/97	Byron Bay	56	559389	6826447	2.8	Downstream side of road culvert
Tarban Creek	Parramatta River	14/1/02	Parramatta River	56	327504	6254450	16.4	1.0m rise in creek at old weir, 100m downstream from Manning Road
Tarback Creek	Smiths Lake	17-18/5/99	Wootton	56	450815	6418664	5.9	Lake can be tidal and tide would get a short distance up Tarback Creek
Taylor's Arm	Nambucca River	8-9/8/98	Macksville	56	483429	6599588	31.8	At mid-stream island, 1.6km upstream from Boat Harbour Bridge Utungun
Teagues Creek	Nambucca River	16/11/01	Macksville	56	498159	6607963	3.9	Tide would disperse into wetland 625m upstream from Nambucca River
Teatree Creek	Swan Lake	-	Sussex Inlet	56	-	-	-	Not done yet - entrance usually closed
Teatree Creek (Shallow Bay)	Wallis Lake	15/12/01	Coolongolook	56	447105	6433544	11.7	Tide disperses into surrounding wetland, 1.2km upstream from Shallow Bay
Teatree Creek (Wallingat River)	Wallis Lake	17-18/5/99	Wootton	56	443210	6421599	32.4	50m downstream from bridge on Bachelor Road
Telegraph Creek	Jervis Bay	24/6/01	Sussex Inlet	56	292504	6109340	6.9	Large rise in creek at base of large sloping rock shelf, 625m from entrance
Terania Creek	Richmond River	23-25/6/97	Casino	56	522455	6818987	119.1	In vicinity of this point, 2.2km upstream from Goolmangar Creek
Termeil Creek	Termeil Lake	25-26/5/97	Tabourie	56	261269	6072801	4.3	At crossing 220m upstream from Highway bridge
The Basin	Hawkesbury River	6/12/01	Broken Bay	56	340804	6280240	6.1	The Basin would be tidal to western shore of estuary
The Branch River	Port Stephens	10-11/8/99	The Branch	56	407080	6399319	43.5	Very small tide measured immediately upstream of old causeway, 800m downstream from The Branch Lane bridge
Throsby Creek	Hunter River	11-12/7/99	Wallsend	56	382005	6359014	8.7	Tide would get to Valencia Street culverts
Tiembula Creek	Lake Macquarie	17/12/01	Catherine Hill Bay	56	367430	6330209	21.0	Reed growth in creek would stop tide, 850m upstream from Chain Valley Bay
Tilligerry Creek	Port Stephens	25-26/10/99	Williamstown	56	396495	6370439	35.9	Heavy reed growth, 900m upstream from Oakfield Lane
Tilly Willy Creek	Nambucca River	4-6/6/00	Macksville	56	491194	6601953	14.7	Disperses into wetland/saltmarsh, 1.6km upstream from Nambucca River
Tomaga River	Tomaga River	30-31/8/96	Mogo	56	243554	6034931	11.5	20m downstream from south branch culvert on Tomakin Road
Tomahawk Creek	Clyde River	14/6/99	Mogo	56	241714	6039926	11.0 ⁵	Tidal for less than 10m from Waterfall Creek
Tomerong/Cockrow Creek	St Georges Basin	16-17/6/99	Huskisson	56	283564	6114115	17.8	Tide would get at least 200m upstream from this drain junction
Tomki Creek	Richmond River	3/8/05	Tatham	56	514865	6805563	102.8	Small rocky rise in creek 625m upstream from Richmond River
Tommy Owens Creek	Hastings River	5/11/98	Port Macquarie	56	480599	6528689	20.3	300m downstream from Forest Hut Road
Tommy Owens Creek	Manning River	14/5/99	Wingham	56	449004	6477419	34.8	Rise in creek 50m downstream from walking track to Kate Kellys Crossing
Toumbaal Creek	Sandon River	11-13/12/97	Sandon	56	529804	6719737	8.8	100m downstream from old bridge
Towamba River	Twofold Bay	10-12/12/96	Kiah	55	753838	5884434	12.3	50m downstream from Jack Seiffert Bridge
Towradgi Arm	Fairy Creek	8-9/5/00	Wollongong	56	307664	6192715	2.6	Small pipeline crossing, 50m downstream from junction of three creeks
Towradgi Creek	Towradgi Creek	8-9/5/00	Wollongong	56	307174	6193715	1.9	Small weir formed by pipeline crossing, 50m upstream from railway bridge
Tramway Creek	Woodlands Creek	31/1/02	Bulli	56	308864	6199720	0.18	Heavy reed growth would stop tide 30m upstream from pipeline across creek

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Trunketabella Creek	Tuross River		Bodalla	56	234754	6007216	9.6	Tide disperses into wetland 1.4km upstream from Princes Highway bridge
Tuckean Broadwater	Richmond River	21-22/7/97	Wardell	56	537505	6799712	36.7	Tide in Hendersons Drain would disperse into Tuckean Swamp in this vicinity, 6.5km upstream from Bagotville Barrage
Tucombil Canal	Evans River	21-22/7/97	Woodburn	56	532990	6782552	15.4	Tucombil Canal is tidal all the way to Pacific Highway
Tuggerah Lake	Tuggerah Lake	23/11/99	Wyong	56	-	-	-	Fully tidal lake
Tumbi Umbi Creek	Tuggerah Lake	23-27/11/99	Wyong	56	355325	6307460	7.9	Rise in creek under The Entrance Road
Tuross River	Tuross River	7-8/2/97	Bodalla	56	231104	5998756	25.0	In vicinity of bridge near <i>Bonney Doone</i> farm
Tweed River	Tweed River	19-20/6/97	Murwillumbah	56	536755	6864577	35.5	Tide gets to weir, 5.3km upstream from bridge at Murwillumbah
Twelve Mile Creek	Port Stephens	12-13/8/99	Karuah	56	396615	6384474	40.8	Large rise in creek, 500m upstream from bridge on Old Swan Bay Road
Two Mile Creek	Manning River	21/5/01	Coopernook	56	465839	6480139	17.2	Limit near dam 600m downstream from Pacific Highway bridge
Unnamed Creek	Station Creek	27/6/02	Red Rock	56	523689	6687963	2.7	Rises in creek then heavy reed growth 100m upstream from Station Creek
Victoria Creek	Tilba Tilba Lake	30/7/00	Central Tilba	56	241204	5978716	3.6	Old weir 250m downstream from bridge on road to <i>Sunnyside</i> farm
Vineyard Creek	Parramatta River	20/7/00	Parramatta River	56	317429	6256905	30.0	Large rise in creek, 300m upstream from Parramatta River
Wallagoot Lagoon	Wallagoot Lake	-	Wolumla	55	-	-	-	Not done yet – entrance usually closed
Wallamba River	Wallis Lake	15-16/5/99	Nabiac	56	440790	6447564	32.1	Old causeway at Clarksons Crossing, 300m upstream from Pacific Highway
Wallarah Creek	Tuggerah Lake	24/5/01	Dooralong	56	357865	6323590	19.1	At v-notch weir for water level recorder, 420m due WNW of railway bridge
Wallingat River	Wallis Lake	17-18/5/99	Wootton	56	444320	6421309	32.4	1.0km upstream from Teatree Creek
Wallis Creek	Hunter River	5-8/6/00	Beresfield	56	361995	6371809	66.3	Tide may get to small rise in creek, 4.2km upstream from Dagworth Rd bridge
Wallis Creek	Port Stephens	6-17/2/01	Morna Point	56	412855	6375279	21.6	Heavy reed growth, 180m upstream from floodgates on road to Soldiers Point
Wallis Creek	Wallis Lake	16-17/5/98	Pacific Palms	56	454040	6420739	20.2	100m upstream from bridge on Kookie Avenue
Walshs Creek (Downstream)	Richmond River	3/8/05	Tatham	56	521109	6800472	80.9	Small rises in creek 1.2km upstream from Richmond River
Walshs Creek (Upstream)	Richmond River	3/8/05	Tatham	56	514781	6805319	102.5	Not tidal at Tomki Creek junction
Wamban Creek	Moruya River	21-24/5/97	Moruya	56	233254	6018881	19.7	625m upstream from Deua River
Wamberal Lagoon	Wamberal Lagoon	10-11/5/01	Gosford	56	356604	6301940	2.9	Entrance often closed, rise in creek directly in line with Hopetoun Street
Wandandian Creek	St Georges Basin	3-4/6/97	Huskisson	56	272644	6113290	21.9	200m downstream from Highway bridge
Wanderer Creek	Wooli Wooli River	14-16/12/97	Pillar Valley	56	519729	6699477	14.1	50m downstream from ford on Colletts Crossing Road
Wang Wauk River	Wallis Lake	2-5/12/98	Coolongolook	56	436005	6441664	24.0	Rise in river 200m upstream from old causeway
Wapengo Creek	Wapengo Lake	12-13/12/96	Brogo	55	767463	5946589	7.6	At reeds 560m upstream from bridge
Warrell Creek	Nambucca River	8-9/8/98	Eungai	56	488754	6594613	33.5	250m upstream from Starlight Creek, 600m downstream from Pacific Highway
Warwiba Creek (East)	Manning River	14/12/01	Cundletown	56	457584	6463409	9.2	Reedy rocky rise in creek, 100m downstream from Old Bar Road
Warwiba Creek (West)	Manning River	15/5/99	Cundletown	56	457454	6463429	9.2	Low rock and cement dam, 100m downstream from Old Bar Road

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Washerwomans Creek	Washerwomans Creek	8/7/02	Sussex Inlet	56	274919	6097515	0.6	Small rises in creek 200m upstream from bridge
Water Creek	Clyde River	30/1/02	Nelligen	56	243739	6052346	20.1 ⁵	Raised causeway 625m upstream from Cyne Mallowes Creek
Waterfall Creek	Clyde River	14-15/6/99	Mogo	56	241504	6039966	11.0 ⁵	At small bends in creek, 225m downstream from Runnyford Road bridge
Waterloo Creek	Camden Haven River	6/11/98	Grants Head	56	479119	6504914	13.2	Not tidal at Waterloo Creek Road
Watt Creek	Nambucca River	16/11/01	Macksville	56	495909	6605188	7.6	At start of new drainage works, 1.8km upstream from Nambucca River
Wattamolla Creek	Wattamolla Creek	4/6/01	Otford	56	326199	6221365	1.1	Large rise in creek, 575m upstream from entrance
Way Way Creek	Nambucca River	23/5/01	Eungai	56	493809	6598268	20.9	Rise in creek 100m north of Clayholes Road, 600m upstream from Warrell Crk
Webbs Creek	Hawkesbury River	17-20/2/00	St Albans	56	307780	6308015	70.0	820m upstream from bridge
Welshes Creek	Nambucca River	24/6/02	Macksville	56	485014	6602233	26.8	Small rises in creek 675m upstream from Taylors Arm
Werri Gully	Werri Lagoon	4/8/00	Kiama	56	301054	6154015	2.1	Not tidal on upstream side of Fern Street
Werri Lagoon	Werri Lagoon	4/8/00	Kiama	56	-	-	-	Fully tidal lagoon
Whartons Creek	Whartons Creek	10/7/02	Bulli	56	308834	6198250	0.35	Entrance usually closed - tide could get to small rise 30m upstream from bridge on Farrell Road
Wheeny Creek	Hawkesbury River	Historical	Lower Portland	56	296565	6298925	91.8	775m upstream from Colo River at bridge on road to Upper Colo
Whiteheads Lagoon	Lake Macquarie	16/12/01	Swansea	56	363625	6341029	15.8	Heavy reed growth would stop tide 75m upstream from road culverts
Whiteman Creek	Clarence River	22-24/7/97	Copmanhurst	56	485479	6727937	95.5	1.7km downstream from Old Copmanhurst Road bridge
Whittakers Creek	Lake Brou	Historical	Narooma	56	237939	5997156	4.6	750m upstream from Princes Highway bridge
Williams Creek	Georges River	31/1/02	Liverpool	56	312284	6240055	36.3 ²	On downstream side of old weir, 130m downstream from railway bridge
Williams River	Hunter River	12/7/99	Maitland	56	381545	6385649	46.0	Tide stopped by Seaham Weir, 500m upstream from The Jim Scott Bridge
Wilson River	Hastings River	9/10/98	Ballengarra	56	475089	6533589	30.6	At ford 375m downstream from bridge near Avenel Farm
Wilson's River	Richmond River	23-25/7/97	Lismore	56	532480	6816612	115.5	Downstream side of bridge, 225m upstream from Coopers Creek
Winding Creek	Lake Macquarie	27/10/99	Wallsend	56	372625	6355709	22.3	Weir 100m upstream from Frederick Street bridge
Wirra Birra Creek	Wirra Birra Creek	21/7/01	Narrabarba	55	-	-	-	Not done yet - entrance usually closed for extended periods, very small creek
Wollards Creek	Manning River	15/5/99	Taree	56	451089	6466274	28.1	At causeway 360m upstream from Halls Creek
Wolli Creek	Botany Bay	7-8/5/00	Botany Bay	56	327499	6243865	15.5 ²	Tide would get to vicinity of Bardwell Creek, 600m upstream from weir
Wollingurry Creek	Lake Illawarra	31/1/02	Albion Park	56	297829	6176385	8.2	Heavy reed growth stops tide 225m upstream from Duck Creek
Wombat Creek	Nadgee River	20-21/7/01	Nadgee	55	760008	5852649	3.8	Wooden bridge on track from Harrys Hut to Nadgee Lake 3.8km upstream from entrance - this track crossing is marked incorrectly on topographic map
Wonboyn River	Wonboyn River	10-11/12/96	Kiah	55	756788	5873734	11.4	300m upstream from bend west of cemetery
Woodburn Creek	Woodburn Creek	18/7/01	Kiah	55	765563	5881004	2.4	Two large rises 4m apart, 2.5km upstream from entrance
Woodduck Creek	Wooli Wooli River	31/1/01	Pillar Valley	56	521124	6701857	14.0	2.3km upstream from Bookram Creek

Table 4.2 NSW Tidal Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Woodlands Creek	Woodlands Creek	31/1/02	Bulli	56	308874	6199780	0.18	Heavy reed growth starts at upstream end of culvert under cycleway/walkway
Woody Creek	Clarence River	11-13/12/97	Tyndale	56	506304	6734702	44.8	Disperses into wetland in this vicinity, 2.6km upstream from Sportsmans Creek
Woolgoolga Creek	Woolgoolga Lake	22-23/6/98	Woolgoolga	56	517854	6669073	2.7	Rocky rise in creek 440m upstream from Pacific Highway
Woolgoolga Creek (South)	Woolgoolga Lake	16/11/01	Woolgoolga	56	518729	6668888	2.1	Rise in creek at Bultitude Road culverts
Wooli Wooli River	Wooli Wooli River	14-16/12/97	Pillar Valley	56	520379	6698137	17.0	Tide could probably get to downstream side of ford
Wooloweyah Lagoon	Clarence River	12/12/97	Brooms Head	56	529804	6733637	19.9	Lagoon is tidal, no major creeks drain into lagoon
Woronora River	Georges River	6-7/6/97	Port Hacking	56	316004	6230910	28.7 ²	Downstream side of causeway and rocky falls near Pass of Sabugal
Worowing Waterway	St Georges Basin	16-17/6/99	Huskisson	56	285794	6115200	17.6	190m downstream from The Wool Road
Wowly Gully	Jervis Bay	5/6/01	Nowra	56	292544	6126215	15.3	Entrance usually closed but when open tide would disperse into wetland in this vicinity, 100m upstream from powerline and fenceline
Woy Woy Creek	Brisbane Water	22-23/11/99	Gosford	56	341359	6292850	14.2	Rise in creek, 110m upstream from crossing to settlement ponds on left bank
Wrights Creek	Hawkesbury River	17-20/2/00	St Albans	56	313205	6313045	74.3	Near bridge, 3.1km upstream from Macdonald River
Wye Creek	Lake Macquarie	23-24/11/99	Dooralong	56	359815	6329309	25.0	Heavy reed growth, 1.2km downstream from Summerhayes Road
Wyong River	Tuggerah Lake	23/11/99	Wyong	56	351630	6316765	15.4	Weir 275m downstream from Freeway
Yalimbah Creek	Port Stephens	9-10/8/99	Karuah	56	405945	6388914	25.7	Tide disperses into wetland in vicinity of The Branch Lane turn off from Hwy
Yatala Creek	Hawkesbury River	6/12/01	Cowan	56	331494	6281590	11.6	Small rocky rise, 70m upstream from left bank side creek
Yippin Creek	Hastings River	5-7/6/00	Wauchope	56	473529	6520259	28.1	Small rise in creek 150m downstream from bridge on Beechwood Road
Yorkies Gully	Clarence River	Historical	Woombah	56	529604	6757187	14.5	1.6km upstream from Esk River
Yowaka River	Pambula Lake	11-12/12/96	Pambula	55	755538	5904224	9.8	At bend 250m upstream from Pipeclay Creek
Yowie Gully	Port Hacking	4/5/00	Port Hacking	56	325089	6231595	9.5	Large rise in creek, 20m upstream from end of Clifford Road

Note 1 Distance from the ocean via Bartlets Creek

Note 2 Distance from the entrance to Botany Bay (a line between Cape Banks and Cape Solander)

Note 3 Distance from a line from Point Perpendicular to Bowen Island

Note 4 Distance from a line across the bay from Square Head

Note 5 Distance from the Princes Highway Bridge

5. Mangrove Limits

5.1 Mangrove Limits North to South Listing

The north to south listing of mangrove limits is given in Table 5.1. In this table the rivers and creeks are listed by estuary from north to south down the coast. This means that for any one estuary the tributaries are grouped together and listed in an anti-clockwise direction starting from the one closest to the north side of the entrance and finishing with the one closest to the south side of the entrance.

5.2 Mangrove Limits Alphabetical Listing

The alphabetical listing of mangrove limits is given in Table 5.2. In this table the rivers and creeks are listed not by estuary but by the first letter of their name. This means that for any one estuary the tributaries are scattered throughout the list and must be looked up individually.

Table 5.1 NSW Mangrove Limits - North to South Listing

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Tweed River	Piggabeen Creek	30/1/01	Currumbin	56	545640	6881676	15.6	Two small seedlings on outer bend left bank 1.9km upstream from Cobaki Creek
	Cobaki Creek	17-24/7/97	Currumbin	56	546045	6880826	13.6	700m downstream from road bridge
	Bilambil Creek	17-24/7/97	Currumbin	56	545905	6877576	13.5	100m downstream from road bridge
	Duroby Creek	17-24/7/97	Currumbin	56	547765	6876816	11.9	Downstream side of rock dam - 100m from Benevis Place on Naponyah Road
	Dulguigan Creek	30/1/01	Murwillumbah	56	542565	6871666	25.0	Two 1m high mangroves on right bank 30m downstream of road bridge
	Pipeclay Creek	-	Murwillumbah	56	-	-	-	Above mangrove limit
	Dungay Creek	-	Murwillumbah	56	-	-	-	Above mangrove limit
	Rous River	29/1/01	Murwillumbah	56	538605	6868501	32.5	Mangrove 1.0m high on right bank, 3.0km upstream from Mayal Creek
	Mayal Creek	29/1/01	Murwillumbah	56	539075	6869116	30.5 ¹	Single mangrove 0.75m high on western bank 1.0km from Rous River
	Tweed River	29/1/01	Murwillumbah	56	540730	6867037	28.4	Mangroves 3m high on left bank 1.9km upstream from Cane Road bridge
	Dunbible Creek	17-24/7/97	Murwillumbah	56	-	-	-	Above mangrove limit
	Condong Creek	13/11/01	Murwillumbah	56	-	-	-	No mangroves - above mangrove limit in Tweed River
	Bartlets Creek	25/6/02	Murwillumbah	56	-	-	-	No mangroves
	Main Trust Canal (South)	25/6/02	Murwillumbah	56	-	-	-	No mangroves
Main Trust Canal	25/6/02	Murwillumbah	56	547755	6870421	19.3 ²	Right bank 2m high 550m east from Saunders Lane	
Leddays Creek	25/6/02	Murwillumbah	56	548825	6872121	16.8	Right bank 2m high 3m downstream from Pacific Highway floodgates	
Cudgen Creek	Cudgen Creek	17-24/7/97	Cudgen	56	-	-	-	Mangroves extend all the way to Cudgen Lake
	Cudgen Lake	14/11/01	Cudgen	56	553609	6866776	11.3	Seven mangroves 2-5m high in south west corner of lake near Clothiers Creek
	Clothiers Creek	14/11/01	Cudgen	56	-	-	-	No mangroves in creek - above mangrove limit
	Reserve Creek	17-24/7/97	Cudgen	56	-	-	-	Above mangrove limit
Cudgera Creek	Christies Creek	30/1/01	Cudgen	56	554314	6861906	3.4	2m high mangroves on left bank in reeds 2.5km upstream from Cudgera Creek
	Cudgera Creek (West)	1/6/00	Pottsville	56	554879	6860677	3.8	800m upstream from Cudgera Creek (South)
	Cudgera Creek (South)	17-24/7/97	Pottsville	56	555204	6859737	4.3	500m downstream from Cudgera Creek Road
Mooball Creek	Burringbar Creek	25/4/02	Pottsville	56	551425	6853192	7.4	Seedling on left bank 1.2km upstream from Mooball Creek
	Mooball Creek	25/4/02	Pottsville	56	551485	6852312	10.1	Seedlings on right bank 1.6km upstream from Burringbar Creek
	Crabbes Creek (West)	25/4/02	Pottsville	56	552784	6852222	9.0	Seedling on right bank near drain culvert 20m upstream from Wooyung Road
	Crabbes Creek (South)	25/4/02	Pottsville	56	554084	6852652	7.8	Left bank 0.5m high 750m downstream from Wooyung Road
Brunswick River	Billinudgel Creek	17-24/7/97	Pottsville	56	553299	6848242	1.7	Mangroves on upstream side of culverts under Kallaroo Circuit
	Marshalls Creek	17-24/7/97	Brunswick Heads	56	552354	6846837	8.5	In a side bay of Marshalls Creek 700m downstream from Highway bridge
	Ocean Shores (West)	25/6/02	Brunswick Heads	56	552534	6846007	6.4	Right bank 6m high on downstream side of culverts
	Ocean Shores (South)	25/6/02	Brunswick Heads	56	552914	6845707	5.7	Right bank 10m high 10m downstream from culverts under road to golf course maintenance sheds

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Brunswick River	Chinbible Creek	26/6/02	Huonbrook	56	548405	6842052	12.6	Left bank 1m high 2m upstream from bridge on Main Arm Road
	Brunswick River	17-24/7/97	Huonbrook	56	547465	6841287	12.6	1.7km upstream from Mullumbimby Creek
	Mullumbimby Creek	30/1/01	Huonbrook	56	548575	6841057	13.2	12m high mangrove on left bank opposite Landcare park
	Kings Creek (North)	17-24/7/97	Brunswick Heads	56	549405	6839887	9.4	60m upstream of railway bridge
	Kings Creek (South/Drain)	22/6/97	Huonbrook	56	548265	6839442	11.4	Seedlings 10m downstream from Mullumbimby-Ewingsdale Road
	Simpsons Crk (Wrecking Yard)	25/6/02	Brunswick Heads	56	554404	6837352	8.5	Right bank 10m high 150m upstream from Simpsons Creek
	Simpsons Creek (West)	17-24/7/97	Brunswick Heads	56	-	-	-	Above mangrove limit
	Simpsons Creek	17-24/7/97	Brunswick Heads	56	554404	6836727	9.6	100m downstream from timber bridge
Belongil Creek	Belongil Creek (East)	17-24/7/97	Byron Bay	56	559144	6830967	3.5	200m upstream from road to Skinners Shoot
	Belongil Creek (South)	17-24/7/97	Byron Bay	56	558384	6830887	3.2	300m downstream from road to Skinners Shoot
Tallow Creek	Tallow Creek	17-24/7/97	Byron Bay	56	559944	6827537	1.6	Mangroves sparse 1.3km downstream from Byron to Lennox Head road
Richmond River	(Shaws Bay) Creek	30/1/01	Ballina	56	557195	6806987	2.2	8-10m high mangrove in centre of drain 30m upstream of road
	Chickiba Creek	15/11/01	Ballina	56	557395	6809387	7.2	Three mangroves on left bank 3-5m high on upstream side of culvert
	North Creek	17-24/7/97	Ballina	56	555655	6816467	15.8	No mangroves above this point 1.2km from Newrybar Drain due to recent drain clearing
	Newrybar Drain	30/1/01	Ballina	56	554365	6817077	15.8	Small seedlings on right bank 1.9km upstream from Ross Lane
	Deadmans Creek	26/6/02	Ballina	56	553955	6812372	13.0	Mature mangrove 15m high right bank 3.5km upstream from North Creek
	Roberts Creek	26/6/02	Ballina	56	553790	6811712	13.6	Centre channel 12m high 700m upstream from Deadmans Creek
	Fishery Creek	2/6/00	Ballina	56	552220	6809357	9.3	Mangroves on downstream side of culvert under Pacific Highway
	Emigrant Creek	17-24/7/97	Ballina	56	551205	6812267	25.0	2.3km upstream from Cumbalum Bridge
	Maguires Creek	17-24/7/97	Lismore	56	548085	6812907	24.5	250m downstream from bridge
	Duck Creek	30/1/01	Wardell	56	546785	6805837	8.6	2m high mangrove on right bank 260m downstream from Uralba Road
	Bingal Creek	14/11/01	Wardell	56	542830	6797352	21.9	Mangrove 2m high on right bank 2.9km upstream from Richmond River
	Tuckean Broadwater	17-24/7/97	Wardell	56	539495	6794217	30.2	4m downstream from Bagotville Barrage
	Dungarubba Creek	30/1/01	Woodburn	56	538575	6792002	31.6	Mangrove 2m high immediately downstream of floodgates on left bank
	Wilsons River	17-24/7/97	Lismore	56	-	-	-	Above mangrove limit
	Coopers Creek	-	Lismore	56	-	-	-	Above mangrove limit
	Terania Creek	-	Casino	56	-	-	-	Above mangrove limit
	Goolmangar Creek	-	Casino	56	-	-	-	Above mangrove limit
	Leycester Creek	17-24/7/97	Casino	56	-	-	-	Above mangrove limit
	Pelican Creek	30/1/01	Wardell	56	-	-	-	Above mangrove limit
	Walshs Creek (Downstream)	30/1/01	Tatham	56	-	-	-	Above mangrove limit
Walshs Creek (Upstream)	30/1/01	Tatham	56	-	-	-	Above mangrove limit	

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Richmond River	Tomki Creek	30/1/01	Tatham	56	-	-	-	Above mangrove limit
	Richmond River	30/1/01	Woodburn	56	532025	6785322	44.9	1.5m high isolated mangroves (poor condition) on left bank amongst reeds 2.0km upstream from Forest Road bridge
	Shannon Brook	30/1/01	Tatham	56	-	-	-	Above mangrove limit
	Spring Creek	30/1/01	Tatham	56	-	-	-	Above mangrove limit
	Sandy Creek	17-24/7/97	Ellangowan	56	-	-	-	Above mangrove limit
	Bungawalbin Creek	17-24/7/97	Gibberagee	56	-	-	-	Above mangrove limit
	Jackybulbin Creek	17-24/7/97	Gibberagee	56	-	-	-	Above mangrove limit
	Swan Bay	30/1/01	Woodburn	56	-	-	-	Above mangrove limit
	Rocky Mouth Creek	17-24/7/97	Woodburn	56	532105	6781767	46.6	600m downstream from floodgates
	Boundary Gully	14/11/01	Wardell	56	545790	6792682	23.9	Right bank 5-6m high, 950m upstream from Richmond River
	Reedy Creek	14/11/01	Empire Vale	56	-	-	-	Enters Empire Vale Creek above mangrove limit
	Empire Vale Creek	14/11/01	Empire Vale	56	549560	6801542	11.9	Mangrove left bank 10m high, 12m upstream from bridge
	(Mosquito Creek Canal)	26/6/02	Empire Vale	56	554540	6804987	3.7	Remnant grove of mangroves on left bank 30m upstream from floodgates
Mosquito Creek	26/6/02	Empire Vale	56	-	-	-	Above mangrove limit	
Salty Lagoon	Salty Lagoon (Nth Branch Est)	26/6/02	Woodburn	56	-	-	-	No mangroves
	Salty Lagoon (Nth Branch Nth)	26/6/02	Woodburn	56	-	-	-	No mangroves
	Salty Lagoon (South Branch)	26/6/02	Woodburn	56	541995	6783222	0.90	Single mangrove 2m high in north west corner of lagoon
Evans River	Evans River	17-24/7/97	Woodburn	56	-	-	-	Mangroves all the way to Tucombil Canal
	Tucombil Canal	17-24/7/97	Woodburn	56	-	-	-	Mangroves all the way to Rocky Mouth Creek
	Brandy Arm Creek (West)	26/6/02	Woodburn	56	535730	6779522	13.3	Right bank 1.5m high 10m upstream from very large rise in creek
	Brandy Arm Creek (South)	26/6/02	Woodburn	56	536060	6778862	13.9	Centre channel 0.5m high 950m upstream from junction of branches
	Brandy Arm Creek (East)	26/6/02	Tabbimoble	56	536765	6778067	15.0	Right bank 1.5m high 2.0km upstream from junction of branches
Jerusalem Creek	Jerusalem Creek	17-24/7/97	Tabbimoble	56	537344	6767002	1.5	Very sparse with only about six mangroves in all of estuary - limit 1.5km upstream from entrance
Clarence River	Esk River	17-24/7/97	Woombah	56	530484	6757717	11.5	1.9km upstream from Jackys Gully
	Yorkies Gully	17-24/7/97	Woombah	56	-	-	-	Above mangrove limit
	Jackys Gully	15/11/01	Woombah	56	529444	6754852	11.9	Mangrove 1.5m high on small island, 2.3km upstream from The Esk River
	Serpentine Channel	27/6/02	Yamba	56	-	-	-	No limit - mangroves along entire length of channel
	Narho Creek	15/11/01	Yamba	56	525684	6748132	13.6	Large mangroves in left bank remnant channel, 275m upstream from floodgates
	Mangrove Creek	26/8/97	Banyabba	56	515914	6751407	37.0	2.3km downstream from Barneys Creek
	Broadwater Creek	26/8/97	Maclean	56	509755	6744822	38.1	Bund wall across creek 1.8km downstream from bridge

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Clarence River	Sportsmans Creek	28/2/01	Tyndale	56	508814	6736487	38.7	1.5m high mangrove in poor condition right bank, 980m upstream from Clarence River
	Reedy Creek	-	Tyndale	56	-	-	-	Above mangrove limit
	Woody Creek	-	Tyndale	56	-	-	-	Above mangrove limit
	Southgate/Alumy Creek	-	Tyndale	56	-	-	-	Above mangrove limit
	Carrs Creek	-	Grafton	56	-	-	-	Above mangrove limit
	Whiteman Creek	-	Copmanhurst	56	-	-	-	Above mangrove limit
	Clarence River	30/1/00	Tyndale	56	502824	6723897	53.0	Large isolated stand of mangroves 4m high on left bank, 7.4km upstream from Wingfield Bridge at Cowper
	Orara River	-	Grafton	56	-	-	-	Above mangrove limit
	Alipou Creek	-	Grafton	56	-	-	-	Above mangrove limit
	Swan Creek	-	Grafton	56	-	-	-	Above mangrove limit
	Poverty Creek	15/11/01	Maclean	56	-	-	-	Mangroves upstream of floodgates but creek connects back to river via Poverty Creek drain at 513440E 6738520N
	Niarga Creek	15/11/01	Maclean	56	515764	6740042	29.3	Mangroves left bank 12-15m high, 575m upstream from Poverty Creek
	Camp Creek	15/11/01	Maclean	56	-	-	-	No mangroves upstream or downstream of floodgates
	Sweeneys Creek	-	Tucabia	56	-	-	-	Above mangrove limit
	Chaffin Creek	-	Tucabia	56	-	-	-	Above mangrove limit
	Coldstream River	28/2/01	Tyndale	56	-	-	-	No mangroves
	James Creek	15/11/01	Maclean	56	523119	6742327	22.0	Left bank mature mangrove 12m high, 2.6km upstream from Clarence River
Shark Creek	28/2/01	Tyndale	56	518939	6734777	39.5	Isolated mangrove 1.5m high at outlet to floodgated drain	
Wooloweyah Lagoon	-	Brooms Head	56	-	-	-	Mangroves all around lagoon	
Lake Arragan	Lake Arragan	26/8/97	Brooms Head	56	-	-	-	No mangroves
Cakora Lagoon	Cakora Lagoon (North Branch)	27/6/02	Brooms Head	56	531764	6726402	1.4	Right bank 1m high 1.4km upstream from entrance
	Cakora Lagoon (South Branch)	26/8/97	Brooms Head	56	531684	6724427	1.1	900m upstream from road bridge
Sandon River	Toumbaal Creek	15/11/01	Sandon	56	529829	6719757	8.8	Left bank 4m high, 115m downstream from old timber bridge
	Candole Creek	27/8/97	Sandon	56	526444	6717677	9.7	4.5km upstream from Sandon River
	Sandon River	27/8/97	Sandon	56	525104	6713867	13.5	7.8km upstream from Candole Creek
Wooli Wooli River	Bookram Creek	27/8/97	Pillar Valley	56	522734	6703947	16.7	70m downstream from Wooli Road bridge
	Matenga Creek	31/1/01	Pillar Valley	56	521444	6703107	14.9	Mangrove on right bank 50m downstream from road
	Corkscrew Creek	31/1/01	Pillar Valley	56	521654	6702627	13.7	Mangrove seedlings on right bank 875m upstream from Bookram Creek
	Woodduck Creek	31/1/01	Pillar Valley	56	521139	6701862	14.0	Mangroves 20m downstream of tidal limit, 2.3km upstream from Bookram Crk
	Musicians Creek	31/1/01	Pillar Valley	56	519404	6700222	14.3	Single mangrove 1.1km upstream from Wanderer Creek

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Wooli Wooli River	Wanderer Creek	27/8/97	Pillar Valley	56	519854	6699562	13.9	250m downstream from ford on Colletts Crossing Road
	Wooli Wooli River	27/8/97	Pillar Valley	56	520315	6797937	16.7	300m downstream from ford
	Barcoongere River (Main)	27/8/97	Red Rock	56	519234	6693817	17.8	3.8km upstream from Wooli Wooli River
	Barcoongere River (East)	20/5/03	Red Rock	56	519914	6692797	18.9	Right bank seedling 1.3km upstream from main branch
Station Creek	Unnamed Creek	27/6/02	Red Rock	56	-	-	-	No mangroves - above mangrove limit in Station Creek
	Cabbage Tree Creek	28/8/97	Red Rock	56	-	-	-	Above mangrove limit
	Station Creek	27/6/02	Red Rock	56	524044	6687128	1.7	Right bank 1.5m high 700m upstream from picnic area
Corindi River	(Green Hills) Creek (North)	6/9/02	Red Rock	56	522594	6684028	8.3	Left bank 0.4m high 30m downstream from tidal limit
	(Green Hills) Creek (West)	6/9/02	Red Rock	56	522524	6684028	8.3	Left bank 1.5m high 15m downstream from tidal limit
	(Jewfish Point) Creek	6/9/02	Red Rock	56	521009	6684733	2.3	1.5m high in saltmarsh 990m upstream from Jewfish Point
	Saltwater Creek	28/8/97	Red Rock	56	518884	6685558	8.0	250m downstream from Dirty Creek
	Dirty Creek	28/8/97	Red Rock	56	-	-	-	Above mangrove limit
	Redbank Creek	27/1/98	Woolgoolga	56	518064	6680968	9.9	1.0km upstream from Corindi River
	Mullett Creek (West Branch)	27/6/02	Red Rock	56	518994	6683743	4.5	0.5m high stressed with few leaves 3.2km upstream from Jewfish Point
	Mullett Creek (South Branch)	6/9/02	Red Rock	56	519809	6682848	3.2	Old mangrove 5m high in saltmarsh 175m downstream from tidal limit
Corindi River	27/1/98	Woolgoolga	56	518479	6679998	10.2	Mud flat at end of wide part of creek, 1.3km upstream from Redbank Creek	
Pipe Clay Lake	Pipe Clay Lake (North Branch)	28/6/02	Woolgoolga	56	519894	6678943	0.25	Left bank 2.5m high 250m upstream from entrance
	Pipe Clay Lake (South Branch)	28/6/02	Woolgoolga	56	519794	6678528	0.55	Centre channel 1m high 550m upstream from entrance
Arrawarra Creek	Arrawarra Gully (North)	28/6/02	Woolgoolga	56	518639	6675748	1.6	Right bank 1.5m high 425m upstream from Arrawarra Gully
	Arrawarra Gully	27/1/98	Woolgoolga	56	518224	6675558	1.6	400m downstream from Highway
	Arrawarra Creek	16/11/01	Woolgoolga	56	517924	6673938	1.8	Mangroves left bank 8-10m high, 350m upstream from Little Arrawarra Gully
	Little Arrawarra Gully	27/2/01	Woolgoolga	56	518034	6673258	2.3	Mangroves 3m high on right bank, 250m downstream from Highway
Darkum Creek	Darkum Creek	28/6/02	Woolgoolga	56	518254	6671408	2.4	Left bank 2m high 15m upstream from Halls Creek
	Halls Creek	28/6/02	Woolgoolga	56	518254	6671388	2.4	Right bank 4m high 4m upstream from Darkum Creek
Woolgoolga Lake	(Cemetery) Creek	6/9/02	Woolgoolga	56	518599	6669953	0.80	Right bank 8m high 5m upstream from footbridge
	(High School) Creek	6/9/02	Woolgoolga	56	518394	6669768	1.4	Left bank 6m high 150m upstream from Woolgoolga Lake
	Poundyard Creek	27/1/98	Woolgoolga	56	518224	6669438	1.6	20m downstream from Pacific Highway
	Woolgoolga Creek	27/1/98	Woolgoolga	56	518434	6669158	2.0	150m downstream from bridge
	Woolgoolga Creek (South)	27/2/01	Woolgoolga	56	518829	6668978	2.0	Mangroves 6m high on left bank, 150m downstream from Pacific Highway
(Flat Top Point) Creek	(Flat Top Point) Creek	27/2/01	Moonee Beach	56	519229	6667713	1.4	Mangroves extend to wastewater plant
Hearns Lake	Double Crossing Creek	27/1/98	Moonee Beach	56	518424	6666068	1.4	Under powerlines
	Hearns Lake (South)	24/8/05	Moonee Beach	56	518992	6665252	1.9	Right bank 1m high, 10m upstream from small right bank tributary
Fiddamans Creek	Fiddamans Creek	27/1/98	Moonee Beach	56	518184	6662368	0.10	Two mangroves near entrance

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Moonee Creek	Moonee Creek	28/1/98	Moonee Beach	56	517134	6661438	7.1	1.7km downstream from Pacific Highway
	Skinners Creek	27/1/98	Moonee Beach	56	514654	6660278	4.6	400m downstream from Pacific Highway
	Cunninghams Creek	28/2/01	Moonee Beach	56	514314	6659068	2.6	Small seedlings on left bank, 100m downstream of highway bridge
	Sugar Mill Creek	28/2/01	Moonee Beach	56	514784	6657608	0.85	4m high stand of mangroves on right bank, 420m upstream from Moonee Crk
Pine Brush Creek	Pine Brush Creek	27/1/98	Coffs Harbour	56	-	-	-	Entrance usually closed - no mangroves
Jordans Creek	Jordans Creek (North Branch)	28/6/02	Coffs Harbour	56	-	-	-	Entrance usually closed - no mangroves
	Jordans Creek (South Branch)	28/6/02	Coffs Harbour	56	-	-	-	Entrance usually closed - no mangroves
Coffs Creek	(Shea Street) Creek	5/9/02	Coffs Harbour	56	512729	6648298	0.83	Left bank 2m high 10m upstream from culvert under Brodie Drive
	(Orlando Street) Creek	5/9/02	Coffs Harbour	56	512314	6649338	4.0	Right bank 10m high 135m downstream from Orlando Street
	(Middle) Creek	5/9/02	Coffs Harbour	56	512124	6649533	4.1	Left bank 1.5m high opposite toilet block in caravan park
	(Melittas) Creek	5/9/02	Coffs Harbour	56	511979	6649408	3.9	Left bank 4m high 20m downstream from Pacific Highway culvert
	Coffs Creek	27/1/98	Coffs Harbour	56	511224	6648688	5.5	20m downstream from Pacific Highway bridge
	Carralls Gully (West)	5/9/02	Coffs Harbour	56	511454	6648223	5.0	Left bank 10m high 125m upstream from junction with south branch
	Carralls Gully (South)	5/9/02	Coffs Harbour	56	511564	6648148	4.9	Right bank 10m high at junction with west branch
	(Jaycees Park) Drain	5/9/02	Coffs Harbour	56	512574	6647378	1.5	Both banks 5m high on downstream side of culverts under High Street
Boambee Creek	Newports Creek	27/1/98	Coffs Harbour	56	508814	6646318	7.6	50m upstream from Pacific Highway bridge
	Boambee Creek	27/1/98	Coffs Harbour	56	506854	6643928	6.9	40m downstream from road bridge
	Cordwells Creek	27/1/98	Coffs Harbour	56	507054	6642968	7.2	150m downstream from weir at rear of 21-23 Avonleigh Drive
Bonville Creek	Middle Creek	27/1/98	Coffs Harbour	56	509414	6640168	1.0	200m upstream from First Avenue bridge
	Bonville Creek	28/2/01	Coffs Harbour	56	503754	6640608	9.2	2m mangrove in side creek, 10m from confluence with main creek
	Pine Creek	28/2/01	Raleigh	56	505164	6637418	11.0	Small seedlings left bank 0.5m high, 970m downstream from railway bridge
Bundageree Creek	Bundageree Creek	27/1/98	Raleigh	56	-	-	-	Entrance usually closed - no mangroves
Bellinger River	Manarm Creek	15/11/00	Raleigh	56	500904	6633008	10.2	1.9km upstream from Bellinger River 75m downstream from old timber bridge
	Hydes Creek (North)	-	Bellingen	56	-	-	-	Above mangrove limit
	Hydes Creek (West)	-	Bellingen	56	-	-	-	Above mangrove limit
	Bellinger River	1/3/01	Bellingen	56	494184	6629153	18.9	1.5m isolated mangrove on right bank just downstream from Burdell Park Crk
	Boggy Creek	12/11/01	Raleigh	56	500404	6628028	9.1	Right bank 4-5m high, 80m downstream from South Arm Road
	Kalang River	1/3/01	Missabotti	56	490844	6624508	21.9	1.5m high mangrove on right bank in poor condition, 2.3km downstream from road bridge
	Picket Hill Creek (West)	28/2/01	Missabotti	56	496464	6622598	17.6	Seedlings on right bank 300m upstream from Buckmans Road bridge
	Picket Hill Creek (East)	28/1/98	Missabotti	56	496894	6622868	17.4	10m high mangrove on left bank approx 350m upstream of bridge
Pipeclay Creek/Urunga Lagoon	28/2/01	Wenonah Head	56	501844	6624138	2.8	Mangroves extend to railway line	
Dalhousie Creek	Dalhousie Creek	8/2/01	Wenonah Head	56	501889	6621753	2.1	Small mangrove 1-2m high on left bank 460m downstream from Osprey Drive

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Oyster Creek	McGraths Creek	22/5/01	Wenonah Head	56	502114	6620323	2.3	Left bank less than 1m high, 160m downstream from railway bridge
	Oyster Creek	8/2/01	Wenonah Head	56	500669	6616753	2.5	Left bank 2-3m high, 2.3km upstream from railway bridge near entrance
Deep Creek	Deep Creek (North Arm)	24/6/02	Missabotti	56	500064	6615053	2.8	Old mangrove 6m high in centre of thick reedy wetland 1.7km from Deep Crk
	Deep Creek	28/1/98	Missabotti	56	498664	6613588	4.7	Right bank 400m downstream from railway bridge
	Cow Creek	22/5/01	Missabotti	56	-	-	-	No mangroves sited anywhere in Cow Creek
	Boggy Creek	22/5/01	Missabotti	56	497819	6612288	5.4	Large mangrove 4-5m high left bank 170m upstream from Cedar Creek
	Cedar Creek	22/5/01	Macksville	56	498044	6611568	5.2	Mangrove 1m high right bank 660m upstream from Boggy Creek
Nambucca River	Bellwood Creek	16/11/01	Macksville	56	498869	6609438	3.3	Mature mangroves both banks 300m upstream from Swampy Creek
	Swampy Creek	16/11/01	Macksville	56	498594	6609088	3.3	Right bank 1.5m high, 300m upstream from Bellwood Creek
	Teagues Creek	16/11/01	Macksville	56	498194	6607928	3.9	Mangrove 6m high centre of waterway, 575m upstream from Nambucca River
	Watt Creek	16/11/01	Macksville	56	495989	6605163	7.6	Right bank 3m high but will probably re-colonise upstream to tidal limit 1.8km upstream from Nambucca River
	Newee Creek	28/1/98	Macksville	56	494264	6606778	18.1	5.5km upstream from Nambucca River
	Nambucca River	28/1/98	Macksville	56	488724	6608738	24.5	Mangrove in side drain on northern foreshore 6.0km downstream from Lanes Bridge at Bowraville
	Blackbutt Creek	6/6/00	Macksville	56	490114	6605348	17.1	850m upstream from H. H. Mattick Bridge
	Rhones Creek	24/6/02	Macksville	56	-	-	-	No mangroves in creek
	Welshes Creek	24/6/02	Macksville	56	485269	6602118	26.3	Right bank 1.5m high 50m upstream from Rhones Creek
	Taylor's Arm	28/1/98	Macksville	56	485104	6601858	26.3	Southern bank 4.1km downstream from Boatharbour Bridge
	Tilly Willy Creek	6/6/00	Macksville	56	491204	6602003	14.6	Mangroves to this vicinity, 100m upstream from Taylor's Arm Road bridge
	Warrell Creek	28/1/98	Macksville	56	493754	6599398	21.6	Left bank 2.2km downstream from Pacific Highway bridge
	Way Way Creek	16/11/01	Macksville	56	494064	6598293	20.6	Left bank 3m high, 265m upstream from Warrell Creek
	Macleay River	Macleay Arm	29/1/98	Eungai	56	499659	6593213	15.2
Borirgalla Creek		17/11/01	Clybucca	56	498944	6582248	6.2	700m upstream from floodgates at Andersons Inlet - mangroves very limited due to construction of floodgates and levee banks
Clybucca Creek		29/1/00	Clybucca	56	496424	6576648	17.2	Immediately downstream from floodgates
Christmas Creek			Kempsey	56	-	-	-	Above mangrove limit
Macleay River		7/9/00	Kempsey	56	497114	6569758	21.9	Small isolated mangroves in reeds, 2.7km downstream from Smithtown bridge
Gills Bridge Creek			Kempsey	56	-	-	-	Above mangrove limit
Pola Creek			Kempsey	56	-	-	-	Above mangrove limit
Belmore River		29/1/98	Kempsey	56	-	-	-	Above mangrove limit
Kinchela Creek	7/9/00	Clybucca	56	499264	6571328	19.6	320m from Macleay River - only two isolated mangroves in reeds in whole creek	

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Macleay River	Spencers Creek	8-10/2/99	South West Rocks	56	-	-	-	Mangroves along full length of creek
	Saltwater Inlet	8-10/2/99	South West Rocks	56	503454	6576283	10.9	Mangroves on downstream side of floodgates 3.5km upstream from Gregory Street bridge
South West Rocks C.	South West Rocks Creek	1/3/01	South West Rocks	56	501764	6582653	2.7	Seedlings 0.5m high adjacent to bank, 70m from road
Saltwater Creek	Saltwater Creek	29/1/98	South West Rocks	56	505954	6581498	4.3	Entrance usually closed or constricted - mangroves on southern shore of lagoon
Korogoro Creek	Korogoro Creek	8-10/2/99	Korogoro Point	56	502504	6567123	5.4	Downstream of floodgates at road bridge
Ryans Cut	Ryans Cut	8-10/2/99	Kundabung	56	-	-	-	Entrance open but no mangroves
Killick Creek	Killick Creek (West)	8-10/2/99	Kundabung	56	497064	6551038	2.1	300m downstream from floodgates
	Killick Creek (North)	8-10/2/99	Kundabung	56	497734	6551708	2.7	1.2km upstream from Killick Creek (West)
Goolawah Lagoon	Goolawah Lagoon	8-10/2/99	Kundabung	56	-	-	-	No mangroves
Big Hill Point Creek	Big Hill Point Creek	8-10/2/99	Telegraph Point	56	-	-	-	No mangroves upstream of floodgates at Point Plummer Road bridge
Hastings River	Limeburners Creek	9/99	Telegraph Point	56	-	-	-	Mangroves all the way to Saltwater Lake
	Saltwater Lake	9/99	Telegraph Point	56	493664	6535538	17.8	Mangroves all around perimeter of lake
	Connection Creek		Kundabung	56	-	-	-	Above mangrove limit
	Reedy Creek		Kundabung	56	-	-	-	Above mangrove limit
	Maria River	8-10/2/99	Telegraph Point	56	487204	6541568	25.2	750m upstream from Pipers Creek
	Pipers Creek	8-10/2/99	Telegraph Point	56	485864	6541688	25.6	1.1km upstream from Maria River
	Smiths Creek		Kundabung	56	-	-	-	Above mangrove limit
	Cooperabung Creek	28/2/01	Telegraph Point	56	483394	6536788	19.9	Small seedlings on left bank, 160m downstream from Haydons Wharf Road
	Wilson River	7/9/00	Telegraph Point	56	478364	6534749	25.7	Two 3m high isolated mangroves left bank 1.7km upstream from railway bridge
	Tommy Owens Creek	8-10/2/99	Port Macquarie	56	480514	6528489	20.0	550m downstream from Forest Hut Road
	Rawdon Creek	8-10/2/99	Port Macquarie	56	479204	6528049	19.8	1.7km downstream from Forest Hut Road
	Balyngara/Saltwater Creek	8-10/2/99	Port Macquarie	56	477154	6528389	22.9	240m upstream from road bridge
	Loggy Creek	8-10/2/99	Port Macquarie	56	476814	6528179	23.0	50m downstream from road bridge
	Byrnes Brook	29/2/01	Port Macquarie	56	476724	6527959	23.1	2 to 3m high mangroves, 30m downstream of railway line
	Stoney Creek	8-10/2/99	Wauchope	56	476204	6525529	22.0	375m downstream from road bridge
	Snowball Creek (West)	8-10/2/99	Wauchope	56	476129	6525509	22.0	200m downstream from road bridge
	Snowball Creek (South)	8-10/2/99	Wauchope	56	476129	6525399	21.9	480m downstream from bridge on Stoney Creek Road
	Hursley Creek	29/2/01	Port Macquarie	56	476704	6522379	21.6	Mangroves immediately downstream from weir
	Carecorara Inlet	8-10/2/99	Port Macquarie	56	476644	6520539	22.9	1.8km upstream from Hursley Creek
	Mortons Creek	9/99	Wauchope	56	-	-	-	Above mangrove limit

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Hastings River	Hastings River	9/99	Wauchope	56	475374	6520219	24.8	Right bank 350m downstream from railway bridge
	Yippin Creek	9/99	Wauchope	56	-	-	-	Above mangrove limit
	Kings Creek	9/99	Wauchope	56	475684	6516809	27.4	1.3km downstream from Kings Creek Road
	Sarabs Creek	7/6/00	Port Macquarie	56	478019	6518264	24.6	900m upstream from Oxley Highway
	Haydons Creek	29/2/01	Port Macquarie	56	480604	6521919	17.6	Large stand of mangroves on left bank, 980m downstream from Sancrox Road
	Fernbank Creek	29/2/01	Port Macquarie	56	485074	6523789	12.2	750m upstream from Hastings River Drive
	Kooloonbung Creek	9/99	Port Macquarie	56	490564	6520679	4.1	180m upstream from Lake Road bridge
Lake Cathie	Lake Innes/Karikeree Creek	6/9/00	Port Macquarie	56	-	-	-	No mangroves in lake
	Cathie Creek	6/9/00	Grants Head	56	486864	6511694	3.1	One mangrove mid channel in whole creek 1.1km downstream from Lake Innes
	Cowarra Creek	6/9/00	Grants Head	56	-	-	-	No mangroves in creek
	Lake Cathie	6/9/00	Grants Head	56	484599	6509349	2.4	Isolated mangroves fringing lake perimeter
Duchess Gully	Duchess Gully	6/9/00	Grants Head	56	-	-	-	No mangroves entrance closed
Camden Haven River	Limeburners Creek	12-13/5/99	Grants Head	56	482674	6503689	13.5	1.8km upstream from Queens Lake
	Waterloo Creek	12-13/5/99	Grants Head	56	479329	6503959	12.3	Left bank 340m upstream from Queens Lake
	Bobs Creek	12-13/5/99	Grants Head	56	477454	6503344	12.1	Left bank 750m upstream from Queens Lake
	Hérons Creek	12-13/5/99	Byabarra	56	475409	6505229	15.7	Left bank 1.9km downstream from Pacific Highway
	Camden Haven River	12-13/5/99	Lorne	56	472964	6499114	20.9	Right bank 1.6km downstream from Kendall railway bridge
	Batar Creek	6/9/00	Lorne	56	472184	6497469	19.7	Mangrove 3m high left bank, 130m upstream from railway bridge
	Stewarts River	12-13/5/99	Lorne	56	472104	6490324	18.2	Right bank 200m downstream from railway bridge
	Bensons Inlet	12-13/5/99	Laurieton	56	477064	6589078	16.5	Mangroves at least to this point then dispersed through wetland, 3.1km upstream from Watson Taylor Lake
Googley Lagoon	6/9/00	Laurieton	56	-	-	-	Mangroves all around lagoon	
Manning River	(Back Channel) Creek (East)	7/9/02	Coopernook	56	469859	6473964	2.9	Right bank 2m high 200m upstream from junction
	(Back Channel) Creek (Original)	7/9/02	Coopernook	56	469684	6473989	2.7	Right bank 1.2m high 12m downstream from culvert 3m downstream from junction with east branch which now takes most tidal flow
	Pelican Bay	21/5/01	Coopernook	56	-	-	-	Not a closed system joined back to river by culvert, mangroves all way along
	Cattai Creek	12-13/5/99	Coopernook	56	-	-	-	Mangroves all the way to Pipeclay Canal
	Pipeclay Canal	12-13/5/99	Coopernook	56	469304	6481024	18.7	Small mangroves on left bank near Cockatoo Island
	Two Mile Creek	6/9/00	Coopernook	56	466554	6479844	16.2	Large isolated mangrove in reedy swamp, 1.1km upstream from Cattai Creek
	Cross Creek	14/5/99	Coopernook	56	456429	6483564	28.5	Left bank 450m downstream from Cundle Road bridge
	Lansdowne River	14/5/99	Coopernook	56	455814	6482514	29.4	Downstream side of weir
Ghinni Ghinni Creek	14/5/99	Coopernook	56	-	-	-	Mangroves full length of creek	

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Manning River	Dickensons Creek	14/5/99	Cooperook	56	454879	6474599	27.0	Right bank 100m downstream from boundary fence
	Pontobark Creek	14/5/99	Cooperook	56	-	-	-	Above mangrove limit
	McKies Creek	14/5/99	Cooperook	56	-	-	-	Above mangrove limit
	Paddys Creek	14/5/99	Cundletown	56	456704	6472489	26.8	Remnant mangroves in drains to this point, 200m upstream from windmill
	Dawson River	14/5/99	Wingham	56	449309	6477479	35.0	Small mangrove on left bank, 150m downstream from Kate Kellys Crossing
	Tommy Owens Creek	14/5/99	Wingham	56	449004	6477419	34.8	Right bank 50m downstream from track to Kate Kellys Crossing
	Stony Creek (Main)	14/12/01	Wingham	56	448084	6475439	32.8	Right bank less than 1m high, 1.0km upstream from Dawson River
	Stony Creek (West)	5/9/00	Wingham	56	448184	6475049	32.7	Small seedlings left bank, 380m upstream from Stony Creek (Main)
	Browns Creek	14/5/99	Taree	56	448744	6470199	29.4	Right bank opposite outlet on left bank from STP
	Munghi Creek	14/5/99	Taree	56	-	-	-	Above mangrove limit
	Cedar Party Creek	13/5/99	Wingham	56	-	-	-	Above mangrove limit
	Cemetery Gully	13/5/99	Taree	56	-	-	-	Above mangrove limit
	Manning River	13/5/99	Taree	56	446959	6470064	37.8	Left bank 150m downstream from Munghi Creek
	Mondrook Creek	13/5/99	Taree	56	-	-	-	No mangroves
	Peg Leg Creek	13/5/99	Taree	56	443854	6467414	36.1	Many mangroves centre stream 15m upstream from left bank side creek
	Deans Creek	14/12/01	Taree	56	445024	6465614	33.7	Mangrove left bank 2m high, at right bank side creek junction
	Dennes Creek	14/12/01	Taree	56	445474	6465974	33.3	Many mangroves downstream of causeway 200m upstream from Manning River
	Carters Creek	5/9/00	Taree	56	446764	6466569	-	Mangroves to this point along creek then waterway connects to Manning River
	Cubba Cubba Creek	14/5/99	Taree	56	449689	6468394	27.7	700m downstream from Pacific Highway bridge
	Stitts Creek	14/5/99	Taree	56	449904	6467389	27.8	Right bank 500m downstream from old Pacific Highway
	Wollards Creek	15/5/99	Taree	56	451089	6466274	28.1	At causeway 360m upstream from Halls Creek
	Halls Creek	15/5/99	Taree	56	451804	6465919	28.7	650m downstream from Old Bar Road
	Berady Creek	15/5/99	Cundletown	56	455264	6464814	9.5	Left bank 20m downstream from old dam
	Manning River - South Channel	-	Cundletown	56	-	-	-	Mangroves all along channel
	Scotts Creek	-	Cundletown	56	-	-	-	Mangroves all along creek
	Luthrie Inlet (South)	7/9/02	Cundletown	56	463504	6466494	4.2	Centre channel 0.3m high 30m downstream from tidal limit
	Luthrie Inlet (North)	7/9/02	Cundletown	56	464714	6467799	4.0	Old mangrove 2m high 50m downstream from tidal limit
Warwiba Creek (West)	15/5/99	Cundletown	56	457469	6463489	9.1	Right bank 150m downstream from Old Bar Road	
Warwiba Creek (East)	14/12/01	Cundletown	56	457584	6463449	9.2	Right bank 2m high 140m downstream from Old Bar Road	
Oyster Creek	8/9/02	Cundletown	56	460284	6464319	3.6	Right bank very small seedling 50m upstream from cow track culverts	
Racecourse Creek	Racecourse Creek	8/9/02	Cundletown	56	-	-	-	No mangroves

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Khappinghat Creek	Koorainghat Creek	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary
	Khappinghat Creek	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary
	Rainbow Gully	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary
	Allards Creek	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary
	Magpie Creek	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary
(Hallidays Point) Creek	(Hallidays Point) Creek	8/9/02	Hallidays Point	56	456574	6452019	0.54	Centre channel 1.5m high 60m downstream from tidal limit
Wallis Lake	Darawakh Creek	8/6/01	Nabiac	56	450969	6446969	13.8	150m upstream from old timber bridge
	Bungwahl Creek	7/6/01	Nabiac	56	449989	6449884	18.9	Right bank seedling 0.2m high, 560m upstream from Failford road bridge
	Wallamba River	29/9-1/10/99	Nabiac	56	440785	6447589	32.1	Left bank 10m downstream from Clarksons Crossing
	McClymonts Creek	5/9/00	Coolongolook	56	448265	6439539	8.8	Right bank approx 1m high, 2.8km upstream from Wallis Lake
	Minimba Creek	7/6/01	Coolongolook	56	442895	6439509	16.1	Mangroves dispersed through wetland 5.0km upstream from Coolongolook River
	Wang Wauk River	29/9-1/10/99	Coolongolook	56	436475	6442189	23.2	On side channel backwater on left bank, 460m downstream from Highway bridge
	Coolongolook River	29/9-1/10/99	Coolongolook	56	436665	6433789	23.4	Right bank 2m downstream from Locketts Crossing
	Ferny Creek	29/9/99	Wootton	56	442225	6427289	26.7	1.4km upstream from Wallingat River
	Teatree Creek (Wallingat River)	29/9/99	Wootton	56	443405	6421709	32.0	600m upstream from Wallingat River
	Wallingat River	29/9/99	Wootton	56	444065	6421549	32.0	600m upstream from Teatree Creek
	Boggy Creek	30/9/99	Wootton	56	444375	6424709	28.6	20m upstream of Sugar Creek Road Bridge
	Sugar Creek	29/9/99	Wootton	56	444425	6429249	24.6	1.5km upstream from Wallingat River
	Reedy Creek	15/12/01	Wootton	56	444485	6429969	23.4	Left bank 1.5m high, 800m upstream from Wallingat River
	Teatree Creek (Shallow Bay)	5/9/00	Coolongolook	56	447185	6433639	11.5	Large mangroves in poor condition 1.1km upstream from Shallow Bay
	Wallis Creek	29/9/99	Pacific Palms	56	454185	6421129	19.8	350m downstream from bridge on Kookie Avenue
	Dunns Creek	14/12/01	Forster	56	456114	6434569	9.2	Right bank 1m high, 5m upstream from new concrete and steel bridge
	Pipers Creek (East Branch)	24/5/01	Forster	56	-	-	-	Shallow, overgrown creek with no mangroves
	Pipers Creek (North Branch)	24/5/01	Forster	56	455324	6436099	11.1	Mangrove 1.5m high left bank, 100m upstream from The Lakes Way
	Pipers Creek	29/9-1/10/99	Forster	56	453904	6437589	12.0	Along edge of wetland
	Smiths Lake	Tarback Creek		Wootton	56	-	-	-
Myall Lakes	Neranie Bay		Myall Lake	56	-	-	-	Above mangrove limit
	Boolambayte Creek		Myall Lake	56	-	-	-	Above mangrove limit
	Myall River (Upper)	27/6/01	Bombah Point	56	-	-	-	Above mangrove limit
	Crawford River		Bulahdelah	56	-	-	-	Above mangrove limit
	Nerong Creek		The Branch	56	-	-	-	Above mangrove limit
	Bombah Broadwater	27/6/01	Bombah Point	56	432354	6498239	34.1	Isolated mangrove 1.5m high, 600m west from Myall River entrance.

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Myall Lakes	Myall River (Lower)	30/9/99	Bombah Point	56	433125	6398209	32.9	Near Tamboy
Port Stephens	Monkey Jacket Creek	9/8/99	Port Stephens	56	422455	6389689	15.2	Downstream side of Rattley Bridge
	Kore Kore Creek	29/9-1/10/99	Port Stephens	56	418295	6388989	14.8	Left bank at rock crossing (ford)
	(Fame Cove) Creek	16/5/00	Port Stephens	56	412815	6385389	16.7	Left bank 2m upstream from bridge to Anderson Lot 5 Bundabah Road
	Station Creek	10/8/99	The Branch	56	414445	6390484	24.0	1.5km upstream from Bundabah Creek
	Bundabah Creek	29/9-1/10/99	The Branch	56	414275	6391689	25.2	150m upstream from Pacific Highway bridge
	Bulga Creek	29/9-1/10/99	Port Stephens	56	409965	6388639	21.1	10m downstream from Pacific Highway bridge
	Yalimbah Creek	29/9-1/10/99	Karuah	56	405805	6388739	25.5	Along edge of <i>Casuarinas</i> 50m from Pacific Highway
	Little Branch Creek	10/8/99	The Branch	56	407930	6395874	41.2	Small mangrove 60m downstream from ford
	The Branch River	10/8/99	The Branch	56	407055	6399319	43.5	Mangroves on downstream side of causeway
	Karuah River	17/5/00	Dungog	56	402905	6404119	46.2	Left bank, 1.1km downstream from Booral Creek
	Cromarty Creek	15/12/01	Clarence Town	56	401605	6402579	45.1	Right bank 1.5m high at rocky rapid, 980m upstream from Karuah River
	Deep Creek	16/5/00	Clarence Town	56	399440	6393994	37.6	Left bank 50m downstream from bridge, inside bend opposite island
	Stony Creek	11/8/99	Clarence Town	56	397530	6393489	38.1	Left bank 240m downstream from bridge on Bucketts Way
	Limeburners Creek	11/8/99	Clarence Town	56	397355	6392884	37.9	Left bank 700m upstream from Stony Creek
	Captain Hills Creek	11/8/99	Clarence Town	56	397905	6391614	34.5	1.2km upstream from Limeburners Creek
	Lizzies Creek	26/10/99	Karuah	56	397910	6389589	34.1	Mangroves dispersed through wetland/saltmarsh in this vicinity 250m from Limeburners Road
	Reedy Creek	29/9-1/10/99	Karuah	56	399510	6386639	27.9	Mangroves at head cut, 20m upstream from powerlines
	Twelve Mile Creek	29/9-1/10/99	Karuah	56	396755	6383989	40.2	2m downstream from Old Swan Bay Road crossing
	Pipeclay Creek	17/5/00	Karuah	56	396580	6381399	38.0	Left bank on bend, 450m downstream from powerlines
	Saltwater Creek (Main)	16/12/01	Karuah	56	398165	6377839	30.1	1m high many mangroves dispersed through wetland, 3.3km upstream from Twelve Mile Creek
	Saltwater Creek (West)	16/12/01	Karuah	56	398465	6376684	29.3	0.5m high others dispersed through wetland, 80m from Racecourse Swamp
	Tilligerry Creek	12/8/99	Williamstown	56	398795	6371409	33.0	Mangroves on downstream side of floodgates
Bobs Farm Creek	13/7/99	Morna Point	56	410445	6374474	23.3	Mangroves dispersed through wetland/saltmarsh at least to this vicinity on Fenninghams Island Road	
Fenninghams Island Creek	18/5/00	Morna Point	56	411745	6374574	22.2	Mangroves on bank adjacent to floodgate	
Wallis Creek	18/5/00	Morna Point	56	412635	6375419	21.4	Mangrove 1m high on left bank, 50m downstream of road	
Fingal Bay	(Fingal Bay) Creek	8/9/02	Port Stephens	56	-	-	-	No mangroves
Hunter River	Long Bight Swamp	8/9/02	Williamstown	56	388620	6365414	12.6	Mangroves on both banks on downstream side of floodgates
	Williams River	16/5/00	Maitland	56	381645	6385579	46.0	Mangroves along downstream face of Seaham Weir
	Paterson River	16/5/00	Paterson	56	-	-	-	Above mangrove limit

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Hunter River	Hunter River	4/9/00	Beresfield	56	380915	6375304	33.2	Isolated mangroves in left bank rock protection works, 250m downstream from Irrawang Bridge
	Swamp/Fishery Creek	16/5/00	Maitland	56	-	-	-	Above mangrove limit
	Wallis Creek	16/5/00	Maitland	56	-	-	-	Above mangrove limit
	Ironbark Creek	16/12/01	Wallsend	56	376025	6360269	20.1	Right bank 6m high, 5m from water, 675m downstream from Minmi Road
	Throsby Creek	17/5/00	Wallsend	56	382810	6357954	7.2	Upstream point of island just downstream from Styx Creek
	Styx Creek	17/5/00	Wallsend	56	-	-	-	Concrete lined channel, no mangroves
Glenrock Lagoon	Glenrock Lagoon	8/9/02	Wallsend	56	381745	6352154	0.45	Right bank 1.5m high unhealthy mangrove 450m upstream from entrance
Lake Macquarie	Winding Creek	18/5/00	Wallsend	56	372605	6355709	22.3	Right bank 20m downstream from weir
	Brush Creek	18/5/00	Wallsend	56	372135	6355979	21.7	Left bank 200m downstream from Main Road
	Cocked Hat Creek	27/10/99	Wallsend	56	370990	6355944	21.1	50m downstream from footbridge
	Cockle Creek	19/5/00	Wallsend	56	369035	6354829	24.0	Both banks downstream from weir
	Marmong Creek	9/9/02	Wallsend	56	370760	6350154	15.8	Mangroves 8m high upstream side of weir 50m upstream from Marmong Street
	L. T. Creek (North)	19/5/00	Wallsend	56	367705	6349494	15.6	50m downstream from Fassifern Road crossing culverts
	L. T. Creek (South)	19/5/00	Wallsend	56	367595	6349309	15.6	40m downstream from disused Toronto-Fassifern railway bridge
	Mudd Creek	19/5/00	Swansea	56	-	-	-	Mangroves along entire length – culverts join Mudd Creek to Stony Creek
	Stony Creek	19/5/00	Swansea	56	366655	6347779	17.7	Right bank 120m downstream from ford off High Street
	Kilaben Creek	19/5/00	Swansea	56	366105	6344194	13.0	10m upstream from Stockyard Creek
	Stockyard Creek	19/5/00	Swansea	56	366115	6344154	13.0	No mangroves upstream from dam on golf course
	Crooked Creek	16/12/01	Swansea	56	364410	6340819	15.0	Both banks 10m high, 110m downstream from road
	Whiteheads Lagoon	16/12/01	Swansea	56	363650	6341004	15.8	Both banks 5m high, 40m upstream from road
	Jigadee Creek	5/00	Morisset	56	356695	6338349	24.2	1.0km upstream from Dora Creek
	Dora Creek	5/00	Morisset	56	355675	6337830	25.1	1.4km downstream from Freemans Drive
	Stockton Creek	5/00	Morisset	56	356785	6336490	24.9	1.0km downstream from bridge on Freeway
	Pourmalong Creek	5/00	Swansea	56	360810	6334844	21.3	1.8km downstream from bridge on road to Morisset Hospital
	Wye Creek	5/00	Dooralong	56	360185	6330064	24.0	2.1km downstream from Summerhayes Road
	Mannering Bay	5/00	Catherine Hill Bay	56	362350	6328979	21.9	On downstream side of spillway from Mannering Lake
	Karignan Creek	5/00	Catherine Hill Bay	56	366735	6327944	22.2	750m upstream from Chain Valley Bay
	Tiembula Creek	17/12/01	Catherine Hill Bay	56	367375	6330264	20.9	Left bank 1m high, 750m upstream from Chain Valley Bay
Mangrove Gully	5/00	Catherine Hill Bay	56	369090	6329649	16.9	310m upstream from Crangan Bay	
Swansea Channel	Black Neds Bay	4/9/00	Swansea	56	374085	6337899	4.5	Mangroves extend to foredune fronting Salts Bay
Middle Camp Creek	Middle Camp Creek	5/00	Catherine Hill Bay	56	-	-	-	No mangroves
Moonee Beach Creek	Moonee Beach Creek	5/00	Catherine Hill Bay	56	-	-	-	No mangroves

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Tuggerah Lake	Lake Munmorah		Catherine Hill Bay	56	-	-	-	Above mangrove limit
	Spring Creek		Dooralong	56	-	-	-	Above mangrove limit
	Wallarah Creek		Dooralong	56	-	-	-	Above mangrove limit
	Budgewoi Lake		Catherine Hill Bay	56	-	-	-	Above mangrove limit
	Wyong River	5/00	Wyong	56	-	-	-	Above mangrove limit
	Ourimbah Creek	5/00	Wyong	56	-	-	-	Above mangrove limit
	Tumbi Umbi Creek	5/00	Wyong	56	-	-	-	No mangroves
	Tuggerah Lake	5/00	Wyong	56	357035	6311515	4.8	Isolated 4m high mangrove on Chittaway Point
	Saltwater Creek	17/12/01	Wyong	56	-	-	-	No mangroves
Wamberal Lagoon	Wamberal Lagoon	5/00	Gosford	56	-	-	-	No mangroves
Terrigal Lagoon	(North Branch)	5/00	Gosford	56	354714	6299860	1.8	Near tennis courts where creek enters lagoon
	(South Branch)	17/12/01	Gosford	56	354294	6298940	1.5	Mangroves in both arms of south branch extend 500m upstream from bridge
Avoca Lake	Saltwater Creek	5/00	Gosford	56	-	-	-	No mangroves
	Avoca Lake	5/00	Gosford	56	-	-	-	No mangroves
Cockrone Lake	Merchants Gully	5/00	Gosford	56	-	-	-	No mangroves
	Cockrone Gully	5/00	Gosford	56	-	-	-	No mangroves
	Cockrone Lake	5/00	Gosford	56	-	-	-	No mangroves
Brisbane Water	Kincumber Creek	5/00	Gosford	56	350884	6295360	14.0	Downstream side of bridge on Empire Bay Drive
	Erina Creek	5/00	Gosford	56	350154	6299620	17.6	At end of Narrawa Avenue
	Narara Creek	5/00	Gosford	56	345855	6302940	20.7	10m upstream from bridge
	Coorumbine Creek (North)	9/9/02	Gosford	56	343380	6299650	15.6	Right bank 0.7m high 100m upstream from Brisbane Water Drive
	Coorumbine Creek (South)	9/9/02	Gosford	56	343365	6299610	15.6	Right bank 10m high 10m upstream from powerline
	Woy Woy Creek	5/00	Gosford	56	341449	6292640	14.0	50m downstream from crossing to settlement ponds on left bank
Hawkesbury River	Ettalong Creek	9/9/02	Broken Bay	56	-	-	-	No mangroves
	Kahibah Creek	9/9/02	Broken Bay	56	-	-	-	No mangroves
	Pearl Beach Lagoon	9/9/02	Broken Bay	56	-	-	-	No mangroves
	Patonga Creek	5/00	Broken Bay	56	339804	6289835	9.6	5.7km upstream from entrance
	Mullet Creek	21/12/99	Gosford	56	338814	6293665	17.3	Mangroves on upstream side of railway embankment
	Piles Creek		Gosford	56	338660	6298260	27.7	200m downstream from Great North Walk suspension bridge
	Floods Creek		Gosford	56	337555	6300355	29.9	400m upstream from Mooney Mooney Creek
	Mooney Mooney Creek		Gunderman	56	336880	6300880	31.0	1.5km upstream from Floods Creek
	Marlows Gully	7/5/01	Gunderman	56	330505	6294965	28.7	2m high mangrove on left bank, 100m downstream from causeway
	Kellys Creek	9/3/01	Gunderman	56	332530	6299710	37.2	Large mangrove on left bank, 250m upstream from Cabbage Tree Creek

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Hawkesbury River	Cabbage Tree Creek	9/3/01	Gunderman	56	332465	6300120	36.8	Four mangroves 2-3m high, right bank 625m upstream from Kellys Creek
	Popran Creek	5/00	Gunderman	56	331660	6301790	38.3	1.4km downstream from bridge near Hospital Gully
	Hominy Creek	5/00	Gunderman	56	329310	6301110	35.2	Large mature mangrove, 260m upstream from road bridge
	Ironbark Creek	5/00	Gunderman	56	328775	6304430	40.3	Where track on left bank meets creek 1.2km upstream from Hawkesbury River
	Bedlam Creek	5/00	Gunderman	56	327955	6305100	40.8	150m upstream from road bridge
	Mangrove Creek	5/00	Mangrove	56	327305	6308230	46.2	Small isolated seedlings on sandbar, 1.1km downstream from pumping station
	Sugee Bag Creek	5/00	Mangrove	56	326860	6305915	43.0	Confluence with Mangrove Creek
	Birdseye Creek	5/00	Gunderman	56	327455	6303030	37.9	50m upstream from bridge
	Screech Owl Creek	5/00	Gunderman	56	327545	6301970	36.7	Large mangrove in drainage channel, 200m upstream from road
	Dinner Creek (North)	14/7/00	Gunderman	56	-	-	-	Above mangrove limit
	Dinner Creek (South)	14/7/00	Gunderman	56	327045	6300730	36.2	25m downstream from junction with north branch
	Scotchmans Creek	28/2/02	Gunderman	56	328400	6298430	31.4	Right bank 5m high, 200m upstream from road
	Breakfast Creek	28/2/02	Gunderman	56	327280	6296455	29.8	Right bank 2m high, 230m upstream from road
	Gunderman Creek	19/7/00	Gunderman	56	320865	6398130	45.1	Mangroves on left bank 560m upstream from road bridge
	Mill Creek	14/7/00	Gunderman	56	316845	6303120	52.6	Large mangrove 200m upstream from old culvert
	Roses Creek	14/7/00	Gunderman	56	314745	6302715	53.6	Mangroves just upstream of floodgate
	Wrights Creek	14/7/00	St Albans	56	-	-	-	Above mangrove limit
	Macdonald River	14/7/00	St Albans	56	309695	6307625	63.6	Three small seedlings on left bank opposite <i>Killarney</i> farm
	Webbs Creek	14/7/00	Lower Portland	56	310105	6304450	64.0	Left bank 200m upstream from bridge to Castle Mountain camp
	Doyles Creek	14/7/00	Lower Portland	56	-	-	-	No mangroves
	Colo River	14/7/00	Lower Portland	56	-	-	-	Above mangrove limit
	Wheeny Creek	14/7/00	Lower Portland	56	-	-	-	Above mangrove limit
	Roberts Creek	27/2/02	Lower Portland	56	-	-	-	Above mangrove limit
	Howes Creek	27/2/02	Wilberforce	56	-	-	-	Above mangrove limit
	Currency Creek	27/2/02	Wilberforce	56	-	-	-	Above mangrove limit
	Hawkesbury River	14/7/00	Lower Portland	56	307825	6299965	68.0	Right bank on Upper Half Moon Bend - small mangrove in rocks below road
	Grose River	14/7/00	Kurrajong	56	-	-	-	Above mangrove limit
	Nepean River	14/7/00	Kurrajong	56	-	-	-	Above mangrove limit
	Rickabys Creek	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit
	South Creek	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit
	Eastern Creek	14/7/00	Riverstone	56	-	-	-	Above mangrove limit
	McKenzies Creek	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit
	Cattai Creek	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Hawkesbury River	Little Cattai Creek	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit
	Doyles Swamp	14/7/00	Lower Portland	56	-	-	-	Above mangrove limit
	Dalgetys Creek	7/5/01	Gunderman	56	318145	6298025	46.8	Mangroves 2 and 5m high, right bank, 700m upstream from Hawkesbury River
	Ashdale Creek	19/7/00	Gunderman	56	-	-	-	Above mangrove limit
	Layburys Creek	19/7/00	Gunderman	56	319915	6295535	44.0	Four mature trees 10m high right bank, 200m downstream from Ashdale Creek
	Pumpkin Point Creek	6/12/01	Gunderman	56	326480	6292760	25.8	Mangroves dispersed through wetland in this vicinity, 1.25km SE from Ivory Trig 50m downstream from tidal limit
	Marramarra Creek	5/00	Cowan	56	321505	6288830	31.4	Small clump of seedlings 2.0km upstream from powerlines
	Coba Creek	5/12/01	Cowan	56	324944	6286395	26.7	Right bank 5-6m high in wetland, 25m from creek
	Calabash Creek	5/12/01	Cowan	56	323684	6282700	33.8	Right bank 6m high, 2.0km upstream from Calabash Point
	Banks Creek	5/12/01	Cowan	56	323874	6281940	33.2	Right bank 1m high, 1.3km upstream from Calabash Point
	Fosters Creek	5/12/01	Cowan	56	324509	6281620	32.7	Right bank 0.5m high, 795m upstream from Calabash Point
	Crossland Creek	5/12/01	Cowan	56	325434	6280505	33.7	Left bank 4m high, 300m upstream from footbridge near Dusthole Bay near car ferry
	Still Creek	5/12/01	Hornsby	56	324109	6277690	39.1	Left bank two seedlings 70m downstream from tidal limit
	Berowra Creek	9/1/97	Hornsby	56	323854	6275645	40.6	Right bank near large rock in creek, 260m downstream from powerlines
	Lyrebird Gully	5/12/01	Hornsby	56	325524	6277035	37.2	Left bank 1m high, 750m upstream from Berowra Creek
	Sams Creek	5/12/01	Cowan	56	326474	6278255	36.0	Left bank 1m high, 450m upstream from Berowra Creek
	Mougamarra Creek	6/12/01	Cowan	56	330114	6287355	23.0	Right bank 7m high, 125m downstream from tidal limit
	Seymours Creek	6/12/01	Cowan	56	332654	6286305	14.7	Mangroves extend 60m upstream from Brooklyn Road
	Sandbrook Inlet	9/9/02	Cowan	56	335579	6287280	16.7	Seedling in rock embankment near railway tunnel on Long Island
	Porto Gully	6/12/01	Cowan	56	333724	6284530	11.1	Right bank 5m high, 1.3km upstream from Mud Point
	Campbells Creek	6/12/01	Cowan	56	333759	6284190	11.0	Left bank 6m high, 8m away from creek, 1.2km upstream from Mud Point
	Yatala Creek	6/12/01	Cowan	56	331719	6281600	11.8	Left bank 1m high, 200m downstream from tidal limit
	Apple Tree Creek	6/12/01	Hornsby	56	328354	6274490	19.5	Left bank 1.5m high, 765m upstream from Apple Tree Bay
	Cockle Creek	19/7/00	Hornsby	56	328334	6272830	21.7	Left bank 200m downstream from powerlines
	Cowan Creek	9/1/97	Hornsby	56	330129	6270915	23.6	Small mangroves on right bank, 15m upstream from Kierans Creek
	Kierans Creek	9/1/97	Hornsby	56	330144	6270930	23.6	Mangroves on left bank at junction with Cowan Creek
	Smiths Creek (South)	27/8/00	Hornsby	56	334029	6274320	18.5	Right bank 1m high, 165m upstream from east branch
	Smiths Creek (East)	27/8/00	Hornsby	56	334729	6273885	19.2	Left bank less than 1m high, 900m upstream from south branch
	Coal and Candle Creek	27/8/00	Hornsby	56	337719	6275740	17.2	Left bank 1.5m high, 1.2km upstream from Akuna Bay
	The Basin	6/12/01	Broken Bay	56	340804	6280240	6.1	Mangroves extend to this vicinity at western end of The Basin
Salvation Creek	6/12/01	Mona Vale	56	339634	6277325	10.0	Right bank 3-4m high, 1.2km upstream from Rocky Point	

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Hawkesbury River	McCarrs Creek	9/1/97	Mona Vale	56	339204	6274480	10.4	2.7km upstream from Church Point
	Cahill Creek	6/10/00	Mona Vale	56	342089	6273140	10.8	760m upstream from Pittwater at High School
	Careel Creek	6/10/00	Mona Vale	56	345404	6277610	7.2	325m upstream from Barrenjoey Road
Narrabeen Lagoon	Narrabeen Creek	20/7/00	Mona Vale	56	-	-	-	Above mangrove limit
	Mullet Creek	20/7/00	Mona Vale	56	-	-	-	No mangroves
	Deep Creek	20/7/00	Mona Vale	56	-	-	-	Above mangrove limit
	Middle Creek	20/7/00	Mona Vale	56	-	-	-	Above mangrove limit
	South Creek	20/7/00	Mona Vale	56	-	-	-	Above mangrove limit
	Narrabeen Lagoon	20/7/00	Mona Vale	56	341064	6267945	3.5	Small group of mangroves in sheltered embayment on southern shore of lagoon
Dee Why Lagoon	Dee Why Lagoon	6/10/00	Mona Vale	56	-	-	-	Entrance usually closed – no mangroves
	(Dee Why) Creek	6/10/00	Mona Vale	56	-	-	-	Entrance usually closed – no mangroves
Curl Curl Lagoon	Greendale Creek	20/7/00	Sydney Heads	56	-	-	-	Entrance usually constricted and often closed – no mangroves
Manly Lagoon	Brookvale Creek	20/7/00	Sydney Heads	56	-	-	-	Entrance usually constricted – no mangroves
	Manly Creek	20/7/00	Sydney Heads	56	-	-	-	Entrance usually constricted – no mangroves
	Burnt Bridge Creek	20/7/00	Sydney Heads	56	-	-	-	Entrance usually constricted – no mangroves
Parramatta River	Carroll Creek	14/1/02	Parramatta River	56	333159	6263635	15.1	Left bank 1m high, 250m upstream from Middle Harbour Creek
	Middle Harbour Creek	9/1/97	Hornsby	56	332229	6264710	16.3	115m downstream from bend at Bungaroo
	Rocky Creek	14/1/02	Hornsby	56	332339	6264365	16.0	Right bank two mangroves 10m high, 70m upstream from Middle Harbour Crk
	Gordon Creek	14/1/02	Parramatta River	56	332124	6262930	14.6	Right bank seedling, 525m upstream from Middle Harbour Creek
	Moores Creek	14/1/02	Parramatta River	56	332924	6262115	13.0	Mangroves in remnant back channel now 25m from main creek, 260m upstream from Middle Harbour Creek
	Scotts Creek	14/1/02	Parramatta River	56	334364	6259735	10.0	Right bank 10m high in old side channel 20m from main creek, 10m upstream from timber footbridge near viaduct
	Camp Creek	14/1/02	Parramatta River	56	-	-	-	No mangroves - above limit in Sugarloaf Creek
	Sugarloaf Creek	14/1/02	Parramatta River	56	334939	6258865	9.0	Right bank 8-10m high 5m downstream from Camp Creek
	Flat Rock Creek	6/10/00	Parramatta River	56	-	-	-	No mangroves on upstream side of long culvert under playing fields
	Swaines Creek	14/1/02	Parramatta River	56	329774	6258645	22.5	Left bank seedling 40m downstream from viaduct
	Blue Gum Creek	6/10/00	Parramatta River	56	329754	6259435	23.5	Left bank 350m upstream from Lady Game Drive
	Little Blue Gum Creek	6/10/00	Parramatta River	56	329154	6259860	23.6	Right bank 180m downstream from Grosvenor Road roundabout
	Lane Cove River	20/7/00	Parramatta River	56	329284	6259440	23.3	Right bank 25m downstream from weir
	Strangers Creek	20/7/00	Parramatta River	56	327389	6256885	19.5	Mature mangrove 20m upstream from Buffalo Creek
	Buffalo Creek	20/7/00	Parramatta River	56	327284	6256750	19.7	Downstream side of footbridge, 150m downstream from Field Study Centre
Tarban Creek	14/1/02	Parramatta River	56	327514	6254390	16.3	Left bank 10m, high 80m downstream from old weir	

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Parramatta River	Subiaco Creek	20/7/00	Parramatta River	56	317834	6257060	28.3	Seedlings on right bank 80m downstream from Victoria Road bridge
	Vineyard Creek	20/7/00	Parramatta River	56	317394	6256720	28.8	Mature mangrove 20m upstream from pipeline
	Parramatta River	20/7/00	Parramatta River	56	315889	6256715	30.2	Left bank 100m downstream from weir
	Duck Creek	20/7/00	Parramatta River	56	316779	6254780	29.6	Right bank downstream side of James Ruse Drive bridge
	Duck River	22/7/98	Parramatta River	56	316679	6254140	29.5	Mangroves on downstream side of railway culvert
	Haslams Creek	20/7/00	Parramatta River	56	319739	6253100	22.3	Small mangrove on right bank 100m downstream from Freeway
	Powells Creek	22/7/98	Parramatta River	56	322849	6251690	21.7	Left bank opposite Hamilton Street
	Canada Bay	11/7/02	Parramatta River	56	-	-	-	No mangroves - concrete drain all the way from Canada Bay
	Iron Cove Creek	6/10/00	Parramatta River	56	328084	6250855	16.4	Left bank of Iron Cove, 10m from Henley Marine Drive roundabout
	Hawthorne Canal	6/10/00	Parramatta River	56	-	-	-	Concrete canal with no mangroves
Botany Bay	Alexandra Canal	24/7/00	Botany Bay	56	330254	6244100	12.3 ³	Right bank six mangroves above rock wall, 350m upstream from Cooks River
	Sheas Creek	24/7/00	Botany Bay	56	-	-	-	Above mangrove limit
	Cooks River	24/7/00	Botany Bay	56	324394	6246980	20.7 ³	Small mangroves on right bank, 120m downstream from Burwood Road bridge
	Wolli Creek	24/7/00	Botany Bay	56	327934	6244140	14.7 ³	Small mangrove on right bank, 80m downstream from footbridge near weir
	Muddy Creek	24/7/00	Botany Bay	56	329304	6241805	11.6 ³	Left bank 4m downstream from Bestic Street bridge
Georges River	Saltpan Creek	21/7/00	Botany Bay	56	318869	6243080	29.5 ³	Mangrove on right bank 8m high, 400m downstream from Canterbury Road
	Little Saltpan Creek	21/7/00	Botany Bay	56	317254	6240645	27.7 ³	Mangroves on right bank tallest 6m high, 350m downstream from Uranus Road
	Kelso Creek	21/7/00	Liverpool	56	314254	6241650	34.4 ³	Right bank at boundary fence
	Prospect Creek	21/7/00	Liverpool	56	311464	6248395	45.7 ³	Left bank rock cage retaining wall 1m high 1.2km upstream from Liverpool Rd
	Orphan School Creek	21/7/00	Liverpool	56	-	-	-	Above mangrove limit
	Cabramatta Creek	21/7/00	Liverpool	56	309479	6246515	46.8 ³	Right bank seedling 500m upstream from Hume Highway
	Georges River	6/6/01	Liverpool	56	309694	6244455	47.9 ³	Left bank 0.5m high, 1.3km downstream from Liverpool Weir
	Lake Moore	6/6/01	Liverpool	56	309219	6243860	48.7 ³	Mangrove 2.0m high in south-west corner of lake system
	Harris Creek	31/1/02	Liverpool	56	311624	6241045	35.8 ³	Left bank 1.5m high, 625m downstream from Heathcote Road
	Williams Creek	21/7/00	Liverpool	56	312259	6240165	36.2 ³	Seedling 6m downstream from pipeline and small old weir
	Deadmans Creek	21/7/00	Liverpool	56	314374	6237405	32.7 ³	Four mangroves left bank tallest 4m high, 700m upstream from Heathcote Rd
	Mill Creek	9/5/00	Port Hacking	56	316004	6235665	29.3 ³	Left bank downstream side of weir
	Woronora River	21/7/00	Port Hacking	56	317154	6232000	26.9 ³	Mature tree right bank in Mill Reach, 1.0km downstream from The Needles
	Forbes Creek	21/7/00	Port Hacking	56	319264	6232160	24.3 ³	Right bank 230m downstream from Loftus Creek
	Loftus Creek	21/7/00	Port Hacking	56	-	-	-	Above mangrove limit
Oyster Gully	10/7/02	Port Hacking	56	322489	6234445	18.8 ³	Two mangroves 1.0m high on right bank 140m upstream from Bates Drive	
Gwawley Creek	10/7/02	Port Hacking	56	325054	6234610	13.9 ³	Right bank 5m high 25m downstream from Port Hacking Road	
Port Hacking	Yowie Gully	24/7/00	Port Hacking	56	325099	6231560	9.5	Small mangrove on right bank, 60m downstream from pipeline

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Port Hacking	Dents Creek	24/7/00	Port Hacking	56	322544	6230535	10.2	Small mangrove on left bank, 100m downstream from pipeline
	Savilles Creek	24/7/00	Port Hacking	56	-	-	-	Above mangrove limit
	Hacking River	24/7/00	Port Hacking	56	321004	6228420	13.3	Left bank in picnic area, new growth at base of old dead mangrove
	South West Arm Creek	24/7/00	Port Hacking	56	322944	6226350	9.1	Mangrove on right bank 2m high, 580m downstream from Winifred Falls
	Cabbage Tree Creek	24/7/00	Port Hacking	56	326964	6226085	5.8	Old mangrove with new growth on left bank, 1.2km upstream from footbridge
Wattamolla Creek	Wattamolla Creek	4/6/01	Otford	56	-	-	-	No mangroves
	Cootes Creek	4/6/01	Otford	56	-	-	-	No mangroves
Hargraves Creek	Hargraves Creek	10/7/02	Appin	56	-	-	-	No mangroves
Stanwell Creek	Stanwell Creek	10/7/02	Appin	56	-	-	-	No mangroves
Hewitts Creek	Hewitts Creek	31/1/02	Bulli	56	-	-	-	No mangroves
Woodlands Creek	Woodlands Creek	31/1/02	Bulli	56	-	-	-	No mangroves
	Tramway Creek	31/1/02	Bulli	56	-	-	-	No mangroves
Slacky Creek	Slacky Creek	31/1/02	Bulli	56	-	-	-	No mangroves
Whartons Creek	Whartons Creek	10/7/02	Bulli	56	-	-	-	No mangroves
Collins Creek	Collins Creek	10/7/02	Bulli	56	-	-	-	No mangroves
Bellambi Gully	Farahars Creek	4/6/01	Bulli	56	-	-	-	Above mangrove limit
	Bellambi Gully (West Branch)	4/6/01	Bulli	56	-	-	-	Above mangrove limit
	Bellambi Gully	4/6/01	Bulli	56	308839	6195410	0.15	Right bank 1.0m high, 150m from entrance
Bellambi Lake	Bellambi Lake	10/7/02	Bulli	56	308799	6194615	0.68	1.5m high on eastern side of vegetated point in lake due east of creek entrance
Towradgi Creek	Towradgi Creek	5/8/00	Wollongong	56	307649	6193545	1.4	Right bank 100m downstream from bridge on Pioneer Road
Fairy Creek	Towradgi Arm	5/8/00	Wollongong	56	307274	6191705	1.5	Right bank 1m high, 150m downstream from crossing on road to Surf Club
	Cabbage Tree Creek	5/8/00	Wollongong	56	306664	6190955	1.1	Left bank 1m high, 150m downstream from side creek on right bank
	Fairy Creek	5/8/00	Wollongong	56	306619	6190585	0.7	Left bank 1m high at junction with Cabbage Tree Creek
Tom Thumbs Lagoon	North Arm - West Branch	5/6/97	Wollongong	56	306504	6186725	4.0	200m upstream from fork where creek turns west
	American Creek	5/6/97	Wollongong	56	-	-	-	Above mangrove limit
	Allans Creek	5/6/97	Wollongong	56	304489	6184670	3.9	Mangrove seedlings planted on left bank 100m upstream from Springhill Road
Lake Illawarra	Hooka Creek	31/1/02	Wollongong	56	301209	6181760	8.1	Left bank 5m high, 175m upstream from Lake Illawarra
	Mullet Creek	5/8/00	Albion Park	56	-	-	-	No mangroves
	Brooks Creek	5/8/00	Albion Park	56	-	-	-	No mangroves
	Duck Creek	5/8/00	Albion Park	56	297884	6176605	8.0	Three mangroves 1-2m high at entrance to Wollingurry Creek
	Wollingurry Creek	31/1/02	Albion Park	56	297839	6176420	8.2	Left bank seedling 200m upstream from Duck Creek
	Macquarie Rivulet	4/6/01	Albion Park	56	-	-	-	No mangroves
	Koona Bay	5/8/00	Albion Park	56	298144	6173655	7.9	Several mangroves 2m high in Koona Bay

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Little Lake	Bensons Creek	31/1/02	Albion Park	56	304059	6174625	1.7	Right bank 1.5m high, 150m upstream from George Street bridge
	(Barrack Swamp) Creek	31/1/02	Albion Park	56	304184	6173095	1.7	Left bank 0.3m high, 125m upstream from Barrack Avenue bridge
Minnamurra River	Rocklow Creek	5/8/00	Albion Park	56	301709	6167900	3.6	Number of small mangroves left and right banks 20m upstream from Highway
	Minnamurra River	4/8/00	Kiama	56	301054	6164885	7.8	Left bank 20m from main river, 80m downstream from bridge on Swamp Road
	Jerrara Creek	10/7/02	Kiama	56	301414	6164770	8.2	Right bank 1.5m high 100m upstream from new freeway crossing
Spring Creek	Spring Creek	4/6/01	Kiama	56	-	-	-	No mangroves
Munna Munnora Creek	Munna Munnora Creek		Kiama	56	-	-	-	No mangroves
Werri Lagoon	Ooaree Creek	4/8/00	Kiama	56	-	-	-	Entrance constricted and often closed – no mangroves
	Werri Gully	4/8/00	Kiama	56	-	-	-	Entrance constricted and often closed – no mangroves
	Werri Lagoon	3/00	Kiama	56	301535	6154829	0.80	One mangrove left bank 2.0m high 800m from entrance
Crooked River	Crooked River	5/6/97	Gerroa	56	298589	6151500	2.7	Small mangroves in main river, larger one in western arm, 1.9km upstream from bridge
	Blue Angle Creek	4/6/01	Gerroa	56	-	-	-	No mangroves
Shoalhaven River	Bevan Creek	20/11/05	Berry	56	289324	6139658	12.6	5m high centre channel
	Broughton Creek	3/8/00	Berry	56	288784	6146980	23.6	Right bank 6-7m high, 980m downstream from Wharf Road bridge
	Broughton Mill Creek	3/8/00	Berry	56	-	-	-	Above mangrove limit
	Tandingulla Creek	9/7/02	Berry	56	285489	6143710	16.3	4m high mangroves on both banks 5m downstream from floodgates
	Bomaderry Creek	3/8/00	Berry	56	281494	6139945	18.3	3m high on left bank near old stone wall, 30m from Shoalhaven River
	Shoalhaven River	3/8/00	Berry	56	278054	6139285	22.4	Two mangroves on left bank 1-2m high, 3.1km upstream from Highway bridge
	Calymea Creek	4/6/01	Yalwal	56	-	-	-	Above mangrove limit
	Cabbage Tree Creek	4/6/01	Nowra	56	277044	6138145	24.9	Right bank three mangroves 2m high, 700m upstream from Shoalhaven River
	Flat Rock Creek	4/8/00	Berry	56	279179	6138350	22.4	Two small mangroves both banks 250m north-east from <i>The Depot Farm</i>
	Nowra Creek	4/8/00	Nowra	56	279694	6137365	21.9	Left bank 1m high, 10m downstream from track crossing
Crookhaven River	Curries Creek (Comerong Bay)	4/8/00	Nowra/Berry	56	-	-	-	Mangroves along entire length of creek to connection with Shoalhaven River
	Saltpan Creek	12/6/99	Nowra	56	289004	6133095	11.5	70m downstream from causeway near bend in Bournes Lane
	Crookhaven Creek	4/8/00	Nowra	56	287084	6135330	16.4	Mangroves on downstream side of floodgates
	Crookhaven River	4/8/00	Nowra	56	289454	6131515	9.6	Mangroves on downstream side of floodgates
Lake Wollumboola	Coonemia Creek	4/8/00	Nowra	56	-	-	-	Entrance usually closed – no mangroves
Currarong Creek	Currarong Creek	3/6/97	Currarong	56	300429	6122675	1.6	Where fence line from corner of Nowra Road crosses creek
Jervis Bay	Duck Creek	9/7/02	Currarong	56	-	-	-	No mangroves
	Carama Creek	31/7/01	Crookhaven	56	296534	6127185	17.0 ^d	Lots of mature mangroves 10m high 5.0km from Jervis Bay
	Cabbage Tree Creek (North)	8/7/02	Crookhaven	56	295864	6126860	17.8 ^d	Small mangrove on small island in wetland 1km upstream from south branch
	Cabbage Tree Creek (South)	8/7/02	Crookhaven	56	295229	6126135	17.4 ^d	Right bank 0.3m high seedling 500m upstream from north branch

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Jervis Bay	Wowly Gully	5/6/01	Nowra	56	292834	6126305	15.0 ^d	1m high mangrove, 175m due east from powerline and fence line
	Callala Creek	5/6/01	Huskisson	56	290304	6124545	14.9 ^d	Left bank 4-5m high, 80m downstream from Callala Beach Road
	Georges Creek	30/1/02	Huskisson	56	284979	6124290	21.2 ^d	6-7m high dispersed through wetland, 450m upstream from Currambene Creek
	Currambene Creek	4/8/00	Nowra	56	280794	6127285	29.0 ^d	Small seedling on right bank, 180m downstream from rocky rapids
	Moona Moona Creek	4/8/00	Huskisson	56	286319	6118620	14.2 ^d	Left bank 4-5m high and small mangroves, 2.2km upstream from entrance
	Flat Rock Creek (North)	24/6/01	Huskisson	56	290269	6110880	8.2 ^d	Left bank 2-3m high, 100m upstream from footbridge
	Flat Rock Creek (West)	24/6/01	Sussex Inlet	56	290279	6110745	8.0 ^d	Left bank 4-5m high, 100m upstream from footbridge
	Telegraph Creek	24/6/01	Sussex Inlet	56	-	-	-	Entrance often closed – no mangroves
Stony Creek	Stony Creek	14/3/01	Sussex Inlet	56	-	-	-	No mangroves
St Georges Basin	Worroring Waterway	3/8/00	Huskisson	56	285974	6114275	16.3	Left bank 4-5m high, 380m upstream from entrance
	Tomerong/Cockrow Creek	3/8/00	Huskisson	56	285284	6113110	15.0	Left bank 3-4m high at entrance
	Bollerang Creek	8/7/02	Huskisson	56	-	-	-	No mangroves
	Wandandian Creek	3/6/97	Huskisson	56	276949	6112090	14.7	Two mangroves on right bank near entrance to Tullarwalla Lagoon
	Cow Creek	3/8/00	Huskisson	56	274849	6111215	15.4	Small mangrove on left bank 1.6km upstream from entrance
	Boorooungan Creek	3/8/00	Sussex Inlet	56	277984	6109775	12.7	Left bank 3m high, 25m upstream from left bank side creek
	Bae-al Creek	30/1/02	Sussex Inlet	56	279969	6109120	7.4	Well singed mangrove left bank 8m high, 40m from Jew Fish Bay
	Sussex Inlet	3/8/00	Sussex Inlet	56	-	-	-	Mangroves extend along entire inlet
Swan Lake	Teatree Creek	3/6/97	Sussex Inlet	56	-	-	-	Entrance usually closed - no mangroves
	Mondayong Creek	3/6/97	Sussex Inlet	56	-	-	-	Entrance usually closed - no mangroves
	Swan Lake Inlet		Sussex Inlet	56	-	-	-	Entrance usually closed - no mangroves
Berrara Creek	Berrara Creek	3/6/97	Sussex Inlet	56	-	-	-	Entrance usually closed or constricted – no mangroves
Nerrindillah Creek	Nerrindillah Creek	3/6/97	Sussex Inlet	56	-	-	-	Entrance usually closed or constricted – no mangroves
Washerwomans Creek	Washerwomans Creek	8/7/02	Sussex Inlet	56	-	-	-	No mangroves
Conjola Lake	Berringer Lake	6/6/01	Milton	56	272024	6096415	3.7	Mangrove 1m high in north-west arm of lake
	Luncheon Creek	12/11/96	Tianjara	56	-	-	-	Above mangrove limit
	Conjola Creek	12/11/96	Tianjara	56	-	-	-	Above mangrove limit
	Gooloo Creek	12/11/96	Tianjara	56	-	-	-	Above mangrove limit
	Bunnair Creek	12/11/96	Tianjara	56	-	-	-	Above mangrove limit
	Conjola Lake	12/11/96	Tianjara	56	268104	6098080	8.5	Mangroves opposite <i>Sunny Hill</i> farm
	Pattimores Lagoon	14/3/01	Milton	56	270629	6093555	3.5	Small mangrove 0.5-1m high on south-west shore of lagoon
Narrawallee Inlet	Narrawallee Creek	25/5/97	Milton	56	267779	6092900	5.9	1.7km upstream from Croobyar Creek
	Croobyar Creek	25/5/97	Milton	56	266934	6091565	6.9	Right bank 100m downstream from weir on <i>Avonlea</i> farm
Mollymook Creek	Mollymook Creek	14/3/01	Milton	56	270224	6086740	0.28	Solitary mangrove 2m high, 50m upstream of bridge

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Millards Creek	Millards Creek	14/3/01	Milton	56	270364	6084655	0.50	Mangrove 30m downstream of road bridge 500m from harbour entrance
Burrill Lake	Stony Creek	15/3/01	Milton	56	-	-	-	No mangroves
	(South West Arm) Creek	2/8/00	Tabourie	56	265334	6080885	5.6	One mangrove 2m high on right bank (southern shore)
Tabourie Lake	Tabourie Creek	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
	Lucy Kings Creek	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
	Munno Creek	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
	Brandaree Creek	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
	Lemon Tree Creek	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
Termeil Lake	Termeil Creek	31/7/00	Tabourie	56	-	-	-	Entrance often closed - no mangroves
Meroo Lake	Reedy Creek	24/5/97	Tabourie	56	-	-	-	Entrance usually closed – no mangroves visible around entrance
Willinga Lake	(Willinga) Creek	8/7/02	Kiola	56	-	-	-	No mangroves
Butlers Creek	Butlers Creek	8/7/02	Kiola	56	-	-	-	No mangroves
Durras Lake	Cumbralaway/Ryans Creek	31/7/00	Kiola	56	-	-	-	Entrance often closed for extended periods - no mangroves
	Benandarrah Creek	31/7/00	Nelligen/Durras	56	-	-	-	Entrance often closed for extended periods - no mangroves
(Durras) Creek	(Durras) Creek	15/3/01	Durras	56	-	-	-	No mangroves, entrance closed
Cullendulla Creek	Cullendulla Creek	13/6/99	Nelligen	56	247559	6048171	4.1 ⁵	At fence post on downstream side of powerlines
Clyde River	Sheep Station Creek	2/8/00	Nelligen	56	243609	6049381	13.4 ⁶	Left bank 1m high, 25m upstream from culverts on road to Nelligen
	Water Creek	30/1/02	Nelligen	56	243709	6052406	20.0 ⁶	Left bank seedling, 550m upstream from Cyne Mallowes Creek
	Bridge Creek	2/8/00	Nelligen	56	243999	6053011	20.7 ⁶	Right bank 1m high, 80m upstream from Cyne Mallowes Creek
	Cyne Mallowes Creek	2/8/00	Nelligen	56	244124	6053106	20.9 ⁶	Left bank small mangrove 120m upstream from Bridge Creek
	Cockwhy Creek	1/8/00	Currowan	56	245954	6061896	34.6 ⁶	Three mangroves on left bank 1.0m high, 1.5km upstream from Clyde River
	Clyde River	1/8/00	Currowan	56	244689	6061951	33.5 ⁶	Right bank single mangrove 2-3m high, 500m upstream from Cockwhy Creek
	Currowan Creek	1/8/00	Currowan	56	243574	6059816	30.1 ⁶	Several small mangroves on right bank, 325m upstream from Clyde River
	Nelligen Creek	2/8/00	Nelligen	56	239914	6051861	16.3 ⁶	Right bank small mangroves, 150m downstream from Shallow Crossing road
	Buckenbowra River	2/8/00	Nelligen	56	238174	6043901	12.3 ⁶	Three seedlings on right bank, 1.6km upstream from Runnyford Road bridge
	Mundarlow Creek	2/8/00	Nelligen	56	239704	6043166	8.3 ⁶	Mangroves up to 3m high left bank side creek, 250m downstream from road
	Waterfall Creek	1/8/00	Nelligen	56	241429	6040466	10.0 ⁶	Left bank group of seedlings, 2.4km upstream from Deep Creek
	Tomahawk Creek	1/8/00	Mogo	56	-	-	-	Above mangrove limit
	Deep Creek	2/8/00	Nelligen	56	242279	6041441	9.5 ⁶	Right bank two mangroves 1-2m high, 1.9km upstream from Waterfall Creek
	McLeods Creek	30/1/02	Nelligen	56	243804	6043396	2.9 ⁶	Mangroves up to bund wall, 2.3km upstream from Lattas Point
	Batemans Bay	Hanging Rock Creek	15/3/01	Nelligen	56	245449	6043461	2.3 ⁵
Joes Creek		15/3/01	Nelligen	56	-	-	-	No mangroves entrance closed
(Surf Beach) Creek		8/7/02	Mogo	56	247814	6039151	0.18	Left bank 3m high 20m downstream from footbridge near toilet block

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Saltwater Creek	Saltwater Creek	13/3/01	Mogo	56	-	-	-	No mangroves entrance closed
Tomaga River	Tomaga River	1/8/00	Mogo	56	242824	6035041	9.8	Left bank 4m high, 80m upstream from Mogo Creek
	Mogo Creek	1/8/00	Mogo	56	242264	6035291	10.6	Right bank 2-3m high, 720m upstream from Tomaga River
	Jeremadra Creek	1/8/00	Mogo	56	241829	6034711	9.3	Right bank 4-5m high, 1.4km upstream from Tomaga River
Candlagan Creek	Candlagan Creek	2/8/00	Mogo	56	243879	6031431	2.7	Right bank 5m high, 2.5km upstream from entrance
	Lynchs Creek	2/8/00	Mogo	56	-	-	-	Above mangrove limit
Moruya River	Malabar Creek	2/4/98	Moruya	56	237369	6025231	7.8	350m downstream from Princes Highway
	Dooga Creek	29/1/02	Moruya	56	237624	6024256	6.5	Right bank 1.0m high, 325m upstream from Malabar Creek
	Mogendoura Creek	-	Moruya	56	-	-	-	Above mangrove limit
	Golden Gully	-	Moruya	56	-	-	-	Above mangrove limit
	Moruya River	-	Moruya	56	235679	6022766	7.6	Right bank near Moruya Hospital
	Deua River	-	Moruya	56	-	-	-	Above mangrove limit
	Wamban Creek	-	Moruya	56	-	-	-	Above mangrove limit
	Candoin Creek	-	Moruya	56	-	-	-	Above mangrove limit
	Racecourse Creek	31/7/00	Moruya	56	237349	6021611	6.3	Right bank 5m upstream from old bridge, 130m down from South Head Road
Congo Creek	Congo Creek	-	Moruya	56	243619	6017386	0.2	One solitary mangrove near entrance
Meringo Creek	Meringo Creek	-	Moruya	56	-	-	-	Entrance usually closed - no mangroves
Kellys Lake	Kellys Lake	13/3/01	Bodalla	56	-	-	-	No mangroves
Coila Lake	Coila Creek	-	Bodalla	56	-	-	-	Entrance usually closed - no mangroves
Tuross River	Smarts Creek (North)	31/7/00	Bodalla	56	237199	6008256	7.5	Mangrove seedling at junction of north and west branches
	Smarts Creek (West)	31/7/00	Bodalla	56	237199	6008256	7.5	Mangrove seedling at junction of north and west branches
	Trunketabella Creek	-	Bodalla	56	235664	6006616	8.5	Left bank 325m upstream from Princes Highway
	Little Bumbo Creek	-	Bodalla	56	-	-	-	Above mangrove limit
	Bumbo Creek	-	Bodalla	56	-	-	-	Above mangrove limit
	Bumbo Lake	-	Bodalla	56	-	-	-	Above mangrove limit
	Tuross River	-	Bodalla	56	236434	6004711	7.5	Left bank 2.1km downstream from Princes Highway bridge
	Borang Lake/Creek	31/7/00	Bodalla	56	236379	6002406	9.3	Small mangrove on left bank where creek enters lake
Lake Tarourga	Lake Tarourga	5-8/2/97	Bodalla	56	-	-	-	Entrance usually closed - no mangroves
Lake Brou	Stoney Creek	5-8/2/97	Narooma	56	-	-	-	Entrance usually closed - no mangroves
	Whittakers Creek	5-8/2/97	Narooma	56	-	-	-	Entrance usually closed - no mangroves
Lake Mummuga	Lawlers Creek	5-8/2/97	Narooma	56	-	-	-	Entrance usually closed - no mangroves
Kianga Lake	Kianga Creek	-	Narooma	56	-	-	-	Entrance usually closed - no mangroves
Wagonga Inlet	Cowdroy Creek	-	Narooma	56	-	-	10.5	Above mangrove limit

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Wagonga Inlet	Billa Bilba Creek	-	Narooma	56	235194	5989691	10.5	850m downstream from bridge on Wagonga Scenic Drive
	Burrinbidgee Creek	-	Narooma	56	235374	5988926	10.2	750m downstream from bridge on Wagonga Scenic Drive
	Punkally Creek	-	Narooma	56	236259	5986036	8.5	200m upstream from bridge on Wagonga Scenic Drive
Little Lake	Growlers Gully		Narooma	56	-	-	-	Entrance usually closed - no mangroves
Bullengella Lake	Bullengella Lake		Narooma	56	-	-	-	Entrance usually closed - no mangroves
Nangudga Lake	Nangudga Creek		Narooma	56	241904	5985601	3.3	Mangroves extend to NW corner of lake
Nargal Lake	Nargal Lake	30/7/00	Central Tilba	56	-	-	-	Entrance permanently closed by high well vegetated dune – no mangroves
Corunna Lake	Olsons Creek	-	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
	Corunna Lake (West Arm)	-	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
	Corunna Lake (SW Arm)	-	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
Tilba Tilba Lake	Victoria Creek	-	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
Little Lake	Little Lake	30/7/00	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
Wallaga Lake	Dignams Creek	-	Central Tilba	56	-	-	-	Entrance constricted - no mangroves
	Narira Creek	-	Bermagui	56	-	-	-	Entrance constricted - no mangroves
Bermagui River	Bermagui River	-	Bermagui	56	232574	5965921	7.4	400m downstream from junction with Coolagolite Creek
	Coolagolite Creek	-	Bermagui	56	-	-	-	Above mangrove limit
	Myrtle Creek	-	Bermagui	56	-	-	-	Above mangrove limit
	Nutleys Creek	-	Bermagui	56	-	-	-	Above mangrove limit
Baragoot Lake	Mangans Creek	5/2/97	Bermagui	56	-	-	-	No mangroves
Cuttagee Lake	Cuttagee Creek	5/2/97	Bermagui	56	-	-	-	No mangroves
Murrah River	Arnolds Gully	5/2/97	Murrah	56	-	-	-	Above mangrove limit
	Murrah River	5/2/97	Murrah	56	235334	5953651	1.8	300m upstream from Murrah Lagoon
Bunga Lagoon	Brockelos Creek	29/7/00	Murrah	56	-	-	-	Entrance usually closed - no mangroves
Wapengo Lake	Wapengo Creek	13/3/01	Brogo	55	767808	5946804	7.2	0.5m high solitary mangrove, 50m upstream of bridge, 5m off right bank
Middle Lagoon	Sandy Creek	5/2/97	Bega	55	-	-	-	Entrance usually closed - no mangroves
Nelson Lagoon	Nelson Creek	5/2/97	Bega	55	765488	5936984	3.0	At bridge
Bega River	Bega River	29/7/00	Bega	55	765893	5934439	0.58	One mangrove near corner of Bay Drive 150m north of Hancocks Bridge
	Jellat Jellat Gully	29/7/00	Bega	55	-	-	-	Above mangrove limit
Wallagoot Lake	Wallagoot Lagoon	29/7/00	Wolumla	55	-	-	-	Entrance usually closed - no mangroves
Bondi Lake	Bondi Lake	13/3/01	Wolumla	55	-	-	-	No mangroves
Bournda Lagoon	Bournda Lagoon	13/3/01	Wolumla	55	-	-	-	No mangroves
	Sandy Beach Creek	13/3/01	Wolumla	55	-	-	-	No mangroves
Back Lagoon	Merrimbula Creek	29/7/00	Pambula	55	-	-	-	Entrance usually closed - no mangroves

Table 5.1 NSW Mangrove Limits - North to South Listing (cont'd)

Estuary	Creek/River	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Merimbula Lake	Boggy Creek	12/12/96	Pambula	55	755988	5914314	6.5	250m downstream from new Princes Highway bridge
	Bald Hills Creek	29/1/02	Pambula	55	756428	5911884	5.0	Large mangroves in saltmarsh areas on both sides of creek 200m upstream from Merimbula Lake
Pambula Lake	Pambula River	11/12/96	Pambula	55	756063	5907364	8.2	1.6km downstream from Princes Highway
	Yowaka River	11/12/96	Pambula	55	756093	5905934	7.2	500m downstream from Princes Highway bridge
Curalo Lagoon	Palestine Creek	29/7/00	Eden	55	-	-	-	Entrance often closed - no mangroves
Twofold Bay	Mangaema Creek	29/7/00	Eden	55	-	-	-	No mangroves – entrance usually closed
	Shadrachs Creek	17/7/01	Eden	55	-	-	-	No mangroves – entrance usually closed
	Brandy Creek	17/7/01	Eden	55	-	-	-	No mangroves – entrance usually closed
	Nullica River	17/7/01	Eden	55	753593	5890544	2.1	No mangroves upstream from junction with Leos Creek
	Leos Creek	10/12/96	Eden	55	753388	5890034	2.9	500m downstream from road crossing
	Reedy Creek	18/7/01	Eden	55	754478	5890274	1.6	Right bank 1.5m high 250m upstream from Nullica River
	Boydton Creek	18/7/01	Eden	55	-	-	-	No mangroves – entrance usually closed
	Towamba River	23/5/97	Kiah	55	755738	5887164	3.8	Small isolated seedling on left bank, 3.6km upstream from Kiah Inlet
	Fisheries Creek	18/7/01	Eden	55	-	-	-	No mangroves
Saltwater Creek	Saltwater Creek	18/7/01	Kiah	55	-	-	-	No mangroves – entrance usually closed
Woodburn Creek	Woodburn Creek	18/7/01	Kiah	55	-	-	-	No mangroves – entrance usually closed
Bittangabee Creek	Bittangabee Creek	18/7/01	Kiah	55	-	-	-	No mangroves
Wonboyn River	Bull Creek (North)	23/5/97	Kiah	55	-	-	-	Above mangrove limit
	Bull Creek (West)	23/5/97	Kiah	55	-	-	-	Above mangrove limit
	Wonboyn River	23/5/97	Narrabarba	55	758788	5873304	5.2	In Myrtle Bay near boat ramp
Merrica River	Merrica River	19/7/01	Narrabarba	55	-	-	-	No mangroves
Wirra Birra Creek	Wirra Birra Creek	21/7/01	Narrabarba	55	-	-	-	No mangroves – entrance usually closed
Table Creek	Table Creek	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance often closed
	Little Creek	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance often closed
Nadgee River	Nadgee River	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance sometimes closed
	Wombat Creek	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance sometimes closed
Nadgee Lake	Nadgee Lake	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance usually closed

Note 1 Distance from the ocean via Rous River

Note 2 Distance from the ocean via Leddays Creek

Note 3 Distance from the entrance to Botany Bay (a line between Cape Banks and Cape Solander)

Note 4 Distance from a line from Point Perpendicular to Bowen Island

Note 5 Distance from a line across the bay from Square Head

Note 6 Distance from the Princes Highway Bridge

Table 5.2 NSW Mangrove Limits - Alphabetical Listing

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Alexandra Canal	Botany Bay	24/7/00	Botany Bay	56	330254	6244100	12.3 ³	Right bank six mangroves above rock wall, 350m upstream from Cooks River
Alipou Creek	Clarence River	-	Grafton	56	-	-	-	Above mangrove limit
Allans Creek	Tom Thumbs Lagoon	5/6/97	Wollongong	56	304489	6184670	3.9	Mangrove seedlings planted on left bank 100m upstream from Springhill Road
Allards Creek	Khappinghat Creek	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary
American Creek	Tom Thumbs Lagoon	5/6/97	Wollongong	56	-	-	-	Above mangrove limit
Apple Tree Creek	Hawkesbury River	6/12/01	Hornsby	56	328354	6274490	19.5	Left bank 1.5m high, 765m upstream from Apple Tree Bay
Arnolds Gully	Murrah River	5/2/97	Murrah	56	-	-	-	Above mangrove limit
Arrawarra Creek	Arrawarra Creek	16/11/01	Woolgoolga	56	517924	6673938	1.8	Mangroves left bank 8-10m high, 350m upstream from Little Arrawarra Gully
Arrawarra Gully	Arrawarra Creek	27/1/98	Woolgoolga	56	518224	6675558	1.6	400m downstream from Highway
Arrawarra Gully (North)	Arrawarra Creek	28/6/02	Woolgoolga	56	518639	6675748	1.6	Right bank 1.5m high 425m upstream from Arrawarra Gully
Ashdale Creek	Hawkesbury River	19/7/00	Gunderman	56	-	-	-	Above mangrove limit
Avoca Lake	Avoca Lake	5/00	Gosford	56	-	-	-	No mangroves
Bae-al Creek	St Georges Basin	30/1/02	Sussex Inlet	56	279969	6109120	7.4	Well singed mangrove left bank 8m high, 40m from Jew Fish Bay
Bald Hills Creek	Merimbula Lake	29/1/02	Pambula	55	756428	5911884	5.0	Large mangroves in saltmarsh areas on both sides of creek 200m upstream from Merimbula Lake
Balyngara/Saltwater Creek	Hastings River	8-10/2/99	Port Macquarie	56	477154	6528389	22.9	240m upstream from road bridge
Banks Creek	Hawkesbury River	5/12/01	Cowan	56	323874	6281940	33.2	Right bank 1m high, 1.3km upstream from Calabash Point
Barcoongere River (East)	Wooli Wooli River	20/5/03	Red Rock	56	519914	6692797	18.9	Right bank seedling 1.3km upstream from main branch
Barcoongere River (Main)	Wooli Wooli River	27/8/97	Red Rock	56	519234	6693817	17.8	3.8km upstream from Wooli Wooli River
Bartlets Creek	Tweed River	25/6/02	Murwillumbah	56	-	-	-	No mangroves
Batar Creek	Camden Haven River	6/9/00	Lorne	56	472184	6497469	19.7	Mangrove 3m high left bank, 130m upstream from railway bridge
Bedlam Creek	Hawkesbury River	5/00	Gunderman	56	327955	6305100	40.8	150m upstream from road bridge
Bega River	Bega River	29/7/00	Bega	55	765893	5934439	0.58	One mangrove near corner of Bay Drive 150m north of Hancocks Bridge
Bellambi Gully	Bellambi Gully	4/6/01	Bulli	56	308839	6195410	0.15	Right bank 1.0m high, 150m from entrance
Bellambi Gully (West Branch)	Bellambi Gully	4/6/01	Bulli	56	-	-	-	Above mangrove limit
Bellambi Lake	Bellambi Lake	10/7/02	Bulli	56	308799	6194615	0.68	1.5m high on eastern side of vegetated point in lake due east of creek entrance
Bellinger River	Bellinger River	1/3/01	Bellingen	56	494184	6629153	18.9	1.5m isolated mangrove on right bank just downstream from Burdell Park Crk
Bellwood Creek	Nambucca River	16/11/01	Macksville	56	498869	6609438	3.3	Mature mangroves both banks 300m upstream from Swampy Creek
Belmore River	Macleay River	29/1/98	Kempsey	56	-	-	-	Above mangrove limit
Belongil Creek (East)	Belongil Creek	17-24/7/97	Byron Bay	56	559144	6830967	3.5	200m upstream from road to Skinners Shoot
Belongil Creek (South)	Belongil Creek	17-24/7/97	Byron Bay	56	558384	6830887	3.2	300m downstream from road to Skinners Shoot
Benandarah Creek	Durras Lake	31/7/00	Nelligen/Durras	56	-	-	-	Entrance often closed for extended periods - no mangroves
Bensons Creek	Little Lake	31/1/02	Albion Park	56	304059	6174625	1.7	Right bank 1.5m high, 150m upstream from George Street bridge

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Bensons Inlet	Camden Haven River	12-13/5/99	Laurieton	56	477064	6589078	16.5	Mangroves at least to this point then dispersed through wetland, 3.1km upstream from Watson Taylor Lake
Berady Creek	Manning River	15/5/99	Cundletown	56	455264	6464814	9.5	Left bank 20m downstream from old dam
Bermagui River	Bermagui River	-	Bermagui	56	232574	5965921	7.4	400m downstream from junction with Coolagolite Creek
Berowra Creek	Hawkesbury River	9/1/97	Hornsby	56	323854	6275645	40.6	Right bank near large rock in creek, 260m downstream from powerlines
Berrara Creek	Berrara Creek	3/6/97	Sussex Inlet	56	-	-	-	Entrance usually closed or constricted – no mangroves
Berringer Lake	Conjola Lake	6/6/01	Milton	56	272024	6096415	3.7	Mangrove 1m high in north-west arm of lake
Bevan Creek	Shoalhaven River	20/11/05	Berry	56	289324	6139658	12.6	5m high centre channel
Big Hill Point Creek	Big Hill Point Creek	8-10/2/99	Telegraph Point	56	-	-	-	No mangroves upstream of floodgates at Point Plummer Road bridge
Bilambil Creek	Tweed River	17-24/7/97	Currumbin	56	545905	6877576	13.5	100m downstream from road bridge
Billa Bilba Creek	Wagonga Inlet	-	Narooma	56	235194	5989691	10.5	850m downstream from bridge on Wagonga Scenic Drive
Billinudgel Creek	Brunswick River	17-24/7/97	Pottsville	56	553299	6848242	1.7	Mangroves on upstream side of culverts under Kallaroo Circuit
Bingal Creek	Richmond River	14/11/01	Wardell	56	542830	6797352	21.9	Mangrove 2m high on right bank 2.9km upstream from Richmond River
Birdseye Creek	Hawkesbury River	5/00	Gunderman	56	327455	6303030	37.9	50m upstream from bridge
Bittangabee Creek	Bittangabee Creek	18/7/01	Kiah	55	-	-	-	No mangroves
Black Neds Bay	Swansea Channel	4/9/00	Swansea	56	374085	6337899	4.5	Mangroves extend to foredune fronting Salts Bay
Blackbutt Creek	Nambucca River	6/6/00	Macksville	56	490114	6605348	17.1	850m upstream from H. H. Mattick Bridge
Blue Angle Creek	Crooked River	4/6/01	Gerroa	56	-	-	-	No mangroves
Blue Gum Creek	Parramatta River	6/10/00	Parramatta River	56	329754	6259435	23.5	Left bank 350m upstream from Lady Game Drive
Boambee Creek	Boambee Creek	27/1/98	Coffs Harbour	56	506854	6643928	6.9	40m downstream from road bridge
Bobs Creek	Camden Haven River	12-13/5/99	Grants Head	56	477454	6503344	12.1	Left bank 750m upstream from Queens Lake
Bobs Farm Creek	Port Stephens	13/7/99	Morna Point	56	410445	6374474	23.3	Mangroves dispersed through wetland/saltmarsh at least to this vicinity on Fenninghams Island Road
Boggy Creek	Bellinger River	12/11/01	Raleigh	56	500404	6628028	9.1	Right bank 4-5m high, 80m downstream from South Arm Road
Boggy Creek	Deep Creek	22/5/01	Missabotti	56	497819	6612288	5.4	Large mangrove 4-5m high left bank 170m upstream from Cedar Creek
Boggy Creek	Merimbula Lake	12/12/96	Pambula	55	755988	5914314	6.5	250m downstream from new Princes Highway bridge
Boggy Creek	Wallis Lake	30/9/99	Wootton	56	444375	6424709	28.6	20m upstream of Sugar Creek Road Bridge
Bollerang Creek	St Georges Basin	8/7/02	Huskisson	56	-	-	-	No mangroves
Bomaderry Creek	Shoalhaven River	3/8/00	Berry	56	281494	6139945	18.3	3m high on left bank near old stone wall, 30m from Shoalhaven River
Bombah Broadwater	Myall Lakes	27/6/01	Bombah Point	56	432354	6498239	34.1	Isolated mangrove 1.5m high, 600m west from Myall River entrance.
Bondi Lake	Bondi Lake	13/3/01	Wolumla	55	-	-	-	No mangroves
Bonville Creek	Bonville Creek	28/2/01	Coffs Harbour	56	503754	6640608	9.2	2m mangrove in side creek, 10m from confluence with main creek
Bookram Creek	Wooli Wooli River	27/8/97	Pillar Valley	56	522734	6703947	16.7	70m downstream from Wooli Road bridge

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Boolambayte Creek	Myall Lakes		Myall Lake	56	-	-	-	Above mangrove limit
Boorooungan Creek	St Georges Basin	3/8/00	Sussex Inlet	56	277984	6109775	12.7	Left bank 3m high, 25m upstream from left bank side creek
Borang Lake/Creek	Tuross River	31/7/00	Bodalla	56	236379	6002406	9.3	Small mangrove on left bank where creek enters lake
Borirgalla Creek	Macleay River	17/11/01	Clybucca	56	498944	6582248	6.2	700m upstream from floodgates at Andersons Inlet - mangroves very limited due to construction of floodgates and levee banks
Boundary Gully	Richmond River	14/11/01	Wardell	56	545790	6792682	23.9	Right bank 5-6m high, 950m upstream from Richmond River
Bournda Lagoon	Bournda Lagoon	13/3/01	Wolumla	55	-	-	-	No mangroves
Boydton Creek	Twofold Bay	18/7/01	Eden	55	-	-	-	No mangroves – entrance usually closed
Brandaree Creek	Tabourie Lake	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
Brandy Arm Creek (East)	Evans River	26/6/02	Tabbimoble	56	536765	6778067	15.0	Right bank 1.5m high 2.0km upstream from junction of branches
Brandy Arm Creek (South)	Evans River	26/6/02	Woodburn	56	536060	6778862	13.9	Centre channel 0.5m high 950m upstream from junction of branches
Brandy Arm Creek (West)	Evans River	26/6/02	Woodburn	56	535730	6779522	13.3	Right bank 1.5m high 10m upstream from very large rise in creek
Brandy Creek	Twofold Bay	17/7/01	Eden	55	-	-	-	No mangroves – entrance usually closed
Breakfast Creek	Hawkesbury River	28/2/02	Gunderman	56	327280	6296455	29.8	Right bank 2m high, 230m upstream from road
Bridge Creek	Clyde River	2/8/00	Nelligen	56	243999	6053011	20.7 ⁶	Right bank 1m high, 80m upstream from Cyne Mallows Creek
Broadwater Creek	Clarence River	26/8/97	Maclean	56	509755	6744822	38.1	Bund wall across creek 1.8km downstream from bridge
Brockelos Creek	Bunga Lagoon	29/7/00	Murrah	56	-	-	-	Entrance usually closed - no mangroves
Brooks Creek	Lake Illawarra	5/8/00	Albion Park	56	-	-	-	No mangroves
Brookvale Creek	Manly Lagoon	20/7/00	Sydney Heads	56	-	-	-	Entrance usually constricted – no mangroves
Broughton Creek	Shoalhaven River	3/8/00	Berry	56	288784	6146980	23.6	Right bank 6-7m high, 980m downstream from Wharf Road bridge
Broughton Mill Creek	Shoalhaven River	3/8/00	Berry	56	-	-	-	Above mangrove limit
Browns Creek	Manning River	14/5/99	Taree	56	448744	6470199	29.4	Right bank opposite outlet on left bank from STP
Brunswick River	Brunswick River	17-24/7/97	Huonbrook	56	547465	6841287	12.6	1.7km upstream from Mullumbimby Creek
Brush Creek	Lake Macquarie	18/5/00	Wallsend	56	372135	6355979	21.7	Left bank 200m downstream from Main Road
Buckenbowra River	Clyde River	2/8/00	Nelligen	56	238174	6043901	12.3 ⁶	Three seedlings on right bank, 1.6km upstream from Runnyford Road bridge
Budgewoi Lake	Tuggerah Lake		Catherine Hill Bay	56	-	-	-	Above mangrove limit
Buffalo Creek	Parramatta River	20/7/00	Parramatta River	56	327284	6256750	19.7	Downstream side of footbridge, 150m downstream from Field Study Centre
Bulga Creek	Port Stephens	29/9-1/10/99	Port Stephens	56	409965	6388639	21.1	10m downstream from Pacific Highway bridge
Bull Creek (North)	Wonboyn River	23/5/97	Kiah	55	-	-	-	Above mangrove limit
Bull Creek (West)	Wonboyn River	23/5/97	Kiah	55	-	-	-	Above mangrove limit
Bullengella Lake	Bullengella Lake		Narooma	56	-	-	-	Entrance usually closed - no mangroves
Bumbo Creek	Tuross River	-	Bodalla	56	-	-	-	Above mangrove limit

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Bumbo Lake	Tuross River	-	Bodalla	56	-	-	-	Above mangrove limit
Bundabah Creek	Port Stephens	29/9-1/10/99	The Branch	56	414275	6391689	25.2	150m upstream from Pacific Highway bridge
Bundageree Creek	Bundageree Creek	27/1/98	Raleigh	56	-	-	-	Entrance usually closed - no mangroves
Bungawalbin Creek	Richmond River	17-24/7/97	Gibberagee	56	-	-	-	Above mangrove limit
Bungwahl Creek	Wallis Lake	7/6/01	Nabiac	56	449989	6449884	18.9	Right bank seedling 0.2m high, 560m upstream from Failford road bridge
Bunnair Creek	Conjola Lake	12/11/96	Tianjara	56	-	-	-	Above mangrove limit
Burnt Bridge Creek	Manly Lagoon	20/7/00	Sydney Heads	56	-	-	-	Entrance usually constricted – no mangroves
Burrinbidgee Creek	Wagonga Inlet	-	Narooma	56	235374	5988926	10.2	750m downstream from bridge on Wagonga Scenic Drive
Burringbar Creek	Mooball Creek	25/4/02	Pottsville	56	551425	6853192	7.4	Seedling on left bank 1.2km upstream from Mooball Creek
Butlers Creek	Butlers Creek	8/7/02	Kiola	56	-	-	-	No mangroves
Byrnes Brook	Hastings River	29/2/01	Port Macquarie	56	476724	6527959	23.1	2 to 3m high mangroves, 30m downstream of railway line
Cabbage Tree Creek	Fairy Creek	5/8/00	Wollongong	56	306664	6190955	1.1	Left bank 1m high, 150m downstream from side creek on right bank
Cabbage Tree Creek	Hawkesbury River	9/3/01	Gunderman	56	332465	6300120	36.8	Four mangroves 2-3m high, right bank 625m upstream from Kellys Creek
Cabbage Tree Creek	Port Hacking	24/7/00	Port Hacking	56	326964	6226085	5.8	Old mangrove with new growth on left bank, 1.2km upstream from footbridge
Cabbage Tree Creek	Shoalhaven River	4/6/01	Nowra	56	277044	6138145	24.9	Right bank three mangroves 2m high, 700m upstream from Shoalhaven River
Cabbage Tree Creek	Station Creek	28/8/97	Red Rock	56	-	-	-	Above mangrove limit
Cabbage Tree Creek (North)	Jervis Bay	8/7/02	Crookhaven	56	295864	6126860	17.8 ⁴	Small mangrove on small island in wetland 1km upstream from south branch
Cabbage Tree Creek (South)	Jervis Bay	8/7/02	Crookhaven	56	295229	6126135	17.4 ⁴	Right bank 0.3m high seedling 500m upstream from north branch
Cabramatta Creek	Georges River	21/7/00	Liverpool	56	309479	6246515	46.8 ³	Right bank seedling 500m upstream from Hume Highway
Cahill Creek	Hawkesbury River	6/10/00	Mona Vale	56	342089	6273140	10.8	760m upstream from Pittwater at High School
Cakora Lagoon (North Branch)	Cakora Lagoon	27/6/02	Brooms Head	56	531764	6726402	1.4	Right bank 1m high 1.4km upstream from entrance
Cakora Lagoon (South Branch)	Cakora Lagoon	26/8/97	Brooms Head	56	531684	6724427	1.1	900m upstream from road bridge
Calabash Creek	Hawkesbury River	5/12/01	Cowan	56	323684	6282700	33.8	Right bank 6m high, 2.0km upstream from Calabash Point
Callala Creek	Jervis Bay	5/6/01	Huskisson	56	290304	6124545	14.9 ⁴	Left bank 4-5m high, 80m downstream from Callala Beach Road
Calymea Creek	Shoalhaven River	4/6/01	Yalwal	56	-	-	-	Above mangrove limit
Camden Haven River	Camden Haven River	12-13/5/99	Lorne	56	472964	6499114	20.9	Right bank 1.6km downstream from Kendall railway bridge
Camp Creek	Clarence River	15/11/01	Maclean	56	-	-	-	No mangroves upstream or downstream of floodgates
Camp Creek	Parramatta River	14/1/02	Parramatta River	56	-	-	-	No mangroves - above limit in Sugarloaf Creek
Campbells Creek	Hawkesbury River	6/12/01	Cowan	56	333759	6284190	11.0	Left bank 6m high, 8m away from creek, 1.2km upstream from Mud Point
Canada Bay	Parramatta River	11/7/02	Parramatta River	56	-	-	-	No mangroves - concrete drain all the way from Canada Bay
Candlagan Creek	Candlagan Creek	2/8/00	Mogo	56	243879	6031431	2.7	Right bank 5m high, 2.5km upstream from entrance
Candoin Creek	Moruya River	-	Moruya	56	-	-	-	Above mangrove limit

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Candole Creek	Sandon River	27/8/97	Sandon	56	526444	6717677	9.7	4.5km upstream from Sandon River
Captain Hills Creek	Port Stephens	11/8/99	Clarence Town	56	397905	6391614	34.5	1.2km upstream from Limeburners Creek
Carama Creek	Jervis Bay	31/7/01	Crookhaven	56	296534	6127185	17.0 ⁴	Lots of mature mangroves 10m high 5.0km from Jervis Bay
Carecorara Inlet	Hastings River	8-10/2/99	Port Macquarie	56	476644	6520539	22.9	1.8km upstream from Hursley Creek
Careel Creek	Hawkesbury River	6/10/00	Mona Vale	56	345404	6277610	7.2	325m upstream from Barrenjoey Road
Carralls Gully (South)	Coffs Creek	5/9/02	Coffs Harbour	56	511564	6648148	4.9	Right bank 10m high at junction with west branch
Carralls Gully (West)	Coffs Creek	5/9/02	Coffs Harbour	56	511454	6648223	5.0	Left bank 10m high 125m upstream from junction with south branch
Carroll Creek	Parramatta River	14/1/02	Parramatta River	56	333159	6263635	15.1	Left bank 1m high, 250m upstream from Middle Harbour Creek
Carrs Creek	Clarence River	-	Grafton	56	-	-	-	Above mangrove limit
Carters Creek	Manning River	5/9/00	Taree	56	446764	6466569	-	Mangroves to this point along creek then waterway connects to Manning River
Cathie Creek	Lake Cathie	6/9/00	Grants Head	56	486864	6511694	3.1	One mangrove mid channel in whole creek 1.1km downstream from Lake Innes
Cattai Creek	Hawkesbury River	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit
Cattai Creek	Manning River	12-13/5/99	Coopernook	56	-	-	-	Mangroves all the way to Pipeclay Canal
Cedar Creek	Deep Creek	22/5/01	Macksville	56	498044	6611568	5.2	Mangrove 1m high right bank 660m upstream from Boggy Creek
Cedar Party Creek	Manning River	13/5/99	Wingham	56	-	-	-	Above mangrove limit
Cemetery Gully	Manning River	13/5/99	Taree	56	-	-	-	Above mangrove limit
Chaffin Creek	Clarence River	-	Tucabia	56	-	-	-	Above mangrove limit
Chickiba Creek	Richmond River	15/11/01	Ballina	56	557395	6809387	7.2	Three mangroves on left bank 3-5m high on upstream side of culvert
Chinbible Creek	Brunswick River	26/6/02	Huonbrook	56	548405	6842052	12.6	Left bank 1m high 2m upstream from bridge on Main Arm Road
Christies Creek	Cudgera Creek	30/1/01	Cudgen	56	554314	6861906	3.4	2m high mangroves on left bank in reeds 2.5km upstream from Cudgera Creek
Christmas Creek	Macleay River		Kempsey	56	-	-	-	Above mangrove limit
Clarence River	Clarence River	30/1/00	Tyndale	56	502824	6723897	53.0	Large isolated stand of mangroves 4m high on left bank, 7.4km upstream from Wingfield Bridge at Cowper
Clothiers Creek	Cudgen Creek	14/11/01	Cudgen	56	-	-	-	No mangroves in creek - above mangrove limit
Clybucca Creek	Macleay River	29/1/00	Clybucca	56	496424	6576648	17.2	Immediately downstream from floodgates
Clyde River	Clyde River	1/8/00	Currowan	56	244689	6061951	33.5 ⁶	Right bank single mangrove 2-3m high, 500m upstream from Cockwhy Creek
Coal and Candle Creek	Hawkesbury River	27/8/00	Hornsby	56	337719	6275740	17.2	Left bank 1.5m high, 1.2km upstream from Akuna Bay
Coba Creek	Hawkesbury River	5/12/01	Cowan	56	324944	6286395	26.7	Right bank 5-6m high in wetland, 25m from creek
Cobaki Creek	Tweed River	17-24/7/97	Currumbin	56	546045	6880826	13.6	700m downstream from road bridge
Cocked Hat Creek	Lake Macquarie	27/10/99	Wallsend	56	370990	6355944	21.1	50m downstream from footbridge
Cockle Creek	Hawkesbury River	19/7/00	Hornsby	56	328334	6272830	21.7	Left bank 200m downstream from powerlines
Cockle Creek	Lake Macquarie	19/5/00	Wallsend	56	369035	6354829	24.0	Both banks downstream from weir
Cockrone Gully	Cockrone Lake	5/00	Gosford	56	-	-	-	No mangroves

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Cockrone Lake	Cockrone Lake	5/00	Gosford	56	-	-	-	No mangroves
Cockwhy Creek	Clyde River	1/8/00	Currowan	56	245954	6061896	34.6 ⁶	Three mangroves on left bank 1.0m high, 1.5km upstream from Clyde River
Coffs Creek	Coffs Creek	27/1/98	Coffs Harbour	56	511224	6648688	5.5	20m downstream from Pacific Highway bridge
Coila Creek	Coila Lake	-	Bodalla	56	-	-	-	Entrance usually closed - no mangroves
Coldstream River	Clarence River	28/2/01	Tyndale	56	-	-	-	No mangroves
Collins Creek	Collins Creek	10/7/02	Bulli	56	-	-	-	No mangroves
Colo River	Hawkesbury River	14/7/00	Lower Portland	56	-	-	-	Above mangrove limit
Condong Creek	Tweed River	13/11/01	Murwillumbah	56	-	-	-	No mangroves - above mangrove limit in Tweed River
Congo Creek	Congo Creek	-	Moruya	56	243619	6017386	0.2	One solitary mangrove near entrance
Conjola Creek	Conjola Lake	12/11/96	Tanjara	56	-	-	-	Above mangrove limit
Conjola Lake	Conjola Lake	12/11/96	Tanjara	56	268104	6098080	8.5	Mangroves opposite <i>Sunny Hill</i> farm
Connection Creek	Hastings River		Kundabung	56	-	-	-	Above mangrove limit
Cooks River	Botany Bay	24/7/00	Botany Bay	56	324394	6246980	20.7 ³	Small mangroves on right bank, 120m downstream from Burwood Road bridge
Coolagolite Creek	Bermagui River	-	Bermagui	56	-	-	-	Above mangrove limit
Coolongolook River	Wallis Lake	29/9-1/10/99	Coolongolook	56	436665	6433789	23.4	Right bank 2m downstream from Locketts Crossing
Coonemia Creek	Lake Wollumboola	4/8/00	Nowra	56	-	-	-	Entrance usually closed – no mangroves
Cooperabung Creek	Hastings River	28/2/01	Telegraph Point	56	483394	6536788	19.9	Small seedlings on left bank, 160m downstream from Haydons Wharf Road
Coopers Creek	Richmond River	-	Lismore	56	-	-	-	Above mangrove limit
Coorumbine Creek (North)	Brisbane Water	9/9/02	Gosford	56	343380	6299650	15.6	Right bank 0.7m high 100m upstream from Brisbane Water Drive
Coorumbine Creek (South)	Brisbane Water	9/9/02	Gosford	56	343365	6299610	15.6	Right bank 10m high 10m upstream from powerline
Cootes Creek	Wattamolla Creek	4/6/01	Otford	56	-	-	-	No mangroves
Cordwells Creek	Boambee Creek	27/1/98	Coffs Harbour	56	507054	6642968	7.2	150m downstream from weir at rear of 21-23 Avonleigh Drive
Corindi River	Corindi River	27/1/98	Woolgoolga	56	518479	6679998	10.2	Mud flat at end of wide part of creek, 1.3km upstream from Redbank Creek
Corkscrew Creek	Woolli Woolli River	31/1/01	Pillar Valley	56	521654	6702627	13.7	Mangrove seedlings on right bank 875m upstream from Bookram Creek
Corunna Lake (SW Arm)	Corunna Lake	-	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
Corunna Lake (West Arm)	Corunna Lake	-	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
Cow Creek	Deep Creek	22/5/01	Missabotti	56	-	-	-	No mangroves sited anywhere in Cow Creek
Cow Creek	St Georges Basin	3/8/00	Huskisson	56	274849	6111215	15.4	Small mangrove on left bank 1.6km upstream from entrance
Cowan Creek	Hawkesbury River	9/1/97	Hornsby	56	330129	6270915	23.6	Small mangroves on right bank, 15m upstream from Kierans Creek
Cowarra Creek	Lake Cathie	6/9/00	Grants Head	56	-	-	-	No mangroves in creek
Cowdroy Creek	Wagonga Inlet	-	Narooma	56	-	-	10.5	Above mangrove limit
Crabbes Creek (South)	Mooball Creek	25/4/02	Pottsville	56	554084	6852652	7.8	Left bank 0.5m high 750m downstream from Wooyung Road

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Crabbes Creek (West)	Mooball Creek	25/4/02	Pottsville	56	552784	6852222	9.0	Seedling on right bank near drain culvert 20m upstream from Wooyung Road
Crawford River	Myall Lakes		Bulahdelah	56	-	-	-	Above mangrove limit
Cromarty Creek	Port Stephens	15/12/01	Clarence Town	56	401605	6402579	45.1	Right bank 1.5m high at rocky rapid, 980m upstream from Karuah River
Croobyar Creek	Narrawallee Inlet	25/5/97	Milton	56	266934	6091565	6.9	Right bank 100m downstream from weir on <i>Avonlea</i> farm
Crooked Creek	Lake Macquarie	16/12/01	Swansea	56	364410	6340819	15.0	Both banks 10m high, 110m downstream from road
Crooked River	Crooked River	5/6/97	Gerroa	56	298589	6151500	2.7	Small mangroves in main river, larger one in western arm, 1.9km upstream from bridge
Crookhaven Creek	Crookhaven River	4/8/00	Nowra	56	287084	6135330	16.4	Mangroves on downstream side of floodgates
Crookhaven River	Crookhaven River	4/8/00	Nowra	56	289454	6131515	9.6	Mangroves on downstream side of floodgates
Cross Creek	Manning River	14/5/99	Cooperook	56	456429	6483564	28.5	Left bank 450m downstream from Cundle Road bridge
Crossland Creek	Hawkesbury River	5/12/01	Cowan	56	325434	6280505	33.7	Left bank 4m high, 300m upstream from footbridge near Dusthole Bay near car ferry
Cubba Cubba Creek	Manning River	14/5/99	Taree	56	449689	6468394	27.7	700m downstream from Pacific Highway bridge
Cudgen Creek	Cudgen Creek	17-24/7/97	Cudgen	56	-	-	-	Mangroves extend all the way to Cudgen Lake
Cudgen Lake	Cudgen Creek	14/11/01	Cudgen	56	553609	6866776	11.3	Seven mangroves 2-5m high in south west corner of lake near Clothiers Creek
Cudgera Creek (South)	Cudgera Creek	17-24/7/97	Pottsville	56	555204	6859737	4.3	500m downstream from Cudgera Creek Road
Cudgera Creek (West)	Cudgera Creek	1/6/00	Pottsville	56	554879	6860677	3.8	800m upstream from Cudgera Creek (South)
Cullendulla Creek	Cullendulla Creek	13/6/99	Nelligen	56	247559	6048171	4.1 ⁵	At fence post on downstream side of powerlines
Cumbralaway/Ryans Creek	Durras Lake	31/7/00	Kiola	56	-	-	-	Entrance often closed for extended periods - no mangroves
Cunninghams Creek	Moonee Creek	28/2/01	Moonee Beach	56	514314	6659068	2.6	Small seedlings on left bank, 100m downstream of highway bridge
Currambene Creek	Jervis Bay	4/8/00	Nowra	56	280794	6127285	29.0 ⁴	Small seedling on right bank, 180m downstream from rocky rapids
Currarong Creek	Currarong Creek	3/6/97	Currarong	56	300429	6122675	1.6	Where fence line from corner of Nowra Road crosses creek
Currency Creek	Hawkesbury River	27/2/02	Wilberforce	56	-	-	-	Above mangrove limit
Curries Creek (Comerong Bay)	Crookhaven River	4/8/00	Nowra/Berry	56	-	-	-	Mangroves along entire length of creek to connection with Shoalhaven River
Currowan Creek	Clyde River	1/8/00	Currowan	56	243574	6059816	30.1 ⁶	Several small mangroves on right bank, 325m upstream from Clyde River
Cuttagee Creek	Cuttagee Lake	5/2/97	Bermagui	56	-	-	-	No mangroves
Cyne Mallowes Creek	Clyde River	2/8/00	Nelligen	56	244124	6053106	20.9 ⁶	Left bank small mangrove 120m upstream from Bridge Creek
Dalgetys Creek	Hawkesbury River	7/5/01	Gunderman	56	318145	6298025	46.8	Mangroves 2 and 5m high, right bank, 700m upstream from Hawkesbury River
Dalhousie Creek	Dalhousie Creek	8/2/01	Wenonah Head	56	501889	6621753	2.1	Small mangrove 1-2m high on left bank 460m downstream from Osprey Drive
Darawakh Creek	Wallis Lake	8/6/01	Nabiac	56	450969	6446969	13.8	150m upstream from old timber bridge
Darkum Creek	Darkum Creek	28/6/02	Woolgoolga	56	518254	6671408	2.4	Left bank 2m high 15m upstream from Halls Creek
Dawson River	Manning River	14/5/99	Wingham	56	449309	6477479	35.0	Small mangrove on left bank, 150m downstream from Kate Kellys Crossing
Deadmans Creek	Georges River	21/7/00	Liverpool	56	314374	6237405	32.7 ³	Four mangroves left bank tallest 4m high, 700m upstream from Heathcote Rd

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Deadmans Creek	Richmond River	26/6/02	Ballina	56	553955	6812372	13.0	Mature mangrove 15m high right bank 3.5km upstream from North Creek
Deans Creek	Manning River	14/12/01	Taree	56	445024	6465614	33.7	Mangrove left bank 2m high, at right bank side creek junction
Dee Why Lagoon	Dee Why Lagoon	6/10/00	Mona Vale	56	-	-	-	Entrance usually closed – no mangroves
Deep Creek	Clyde River	2/8/00	Nelligen	56	242279	6041441	9.5 ⁶	Right bank two mangroves 1-2m high, 1.9km upstream from Waterfall Creek
Deep Creek	Deep Creek	28/1/98	Missabotti	56	498664	6613588	4.7	Right bank 400m downstream from railway bridge
Deep Creek	Narrabeen Lagoon	20/7/00	Mona Vale	56	-	-	-	Above mangrove limit
Deep Creek	Port Stephens	16/5/00	Clarence Town	56	399440	6393994	37.6	Left bank 50m downstream from bridge, inside bend opposite island
Deep Creek (North Arm)	Deep Creek	24/6/02	Missabotti	56	500064	6615053	2.8	Old mangrove 6m high in centre of thick reedy wetland 1.7km from Deep Crk
Dennes Creek	Manning River	14/12/01	Taree	56	445474	6465974	33.3	Many mangroves downstream of causeway 200m upstream from Manning River
Dents Creek	Port Hacking	24/7/00	Port Hacking	56	322544	6230535	10.2	Small mangrove on left bank, 100m downstream from pipeline
Deua River	Moruya River	-	Moruya	56	-	-	-	Above mangrove limit
Dickensons Creek	Manning River	14/5/99	Coopernook	56	454879	6474599	27.0	Right bank 100m downstream from boundary fence
Dignams Creek	Wallaga Lake	-	Central Tilba	56	-	-	-	Entrance constricted - no mangroves
Dinner Creek (North)	Hawkesbury River	14/7/00	Gunderman	56	-	-	-	Above mangrove limit
Dinner Creek (South)	Hawkesbury River	14/7/00	Gunderman	56	327045	6300730	36.2	25m downstream from junction with north branch
Dirty Creek	Corindi River	28/8/97	Red Rock	56	-	-	-	Above mangrove limit
Dooga Creek	Moruya River	29/1/02	Moruya	56	237624	6024256	6.5	Right bank 1.0m high, 325m upstream from Malabar Creek
Dora Creek	Lake Macquarie	5/00	Morisset	56	355675	6337830	25.1	1.4km downstream from Freemans Drive
Double Crossing Creek	Hearns Lake	27/1/98	Moonee Beach	56	518424	6666068	1.4	Under powerlines
Doyles Creek	Hawkesbury River	14/7/00	Lower Portland	56	-	-	-	No mangroves
Doyles Swamp	Hawkesbury River	14/7/00	Lower Portland	56	-	-	-	Above mangrove limit
Duchess Gully	Duchess Gully	6/9/00	Grants Head	56	-	-	-	No mangroves entrance closed
Duck Creek	Jervis Bay	9/7/02	Currarong	56	-	-	-	No mangroves
Duck Creek	Lake Illawarra	5/8/00	Albion Park	56	297884	6176605	8.0	Three mangroves 1-2m high at entrance to Wollingurry Creek
Duck Creek	Parramatta River	20/7/00	Parramatta River	56	316779	6254780	29.6	Right bank downstream side of James Ruse Drive bridge
Duck Creek	Richmond River	30/1/01	Wardell	56	546785	6805837	8.6	2m high mangrove on right bank 260m downstream from Uralba Road
Duck River	Parramatta River	22/7/98	Parramatta River	56	316679	6254140	29.5	Mangroves on downstream side of railway culvert
Dulguigan Creek	Tweed River	30/1/01	Murwillumbah	56	542565	6871666	25.0	Two 1m high mangroves on right bank 30m downstream of road bridge
Dunbible Creek	Tweed River	17-24/7/97	Murwillumbah	56	-	-	-	Above mangrove limit
Dungarubba Creek	Richmond River	30/1/01	Woodburn	56	538575	6792002	31.6	Mangrove 2m high immediately downstream of floodgates on left bank
Dungay Creek	Tweed River	-	Murwillumbah	56	-	-	-	Above mangrove limit
Dunns Creek	Wallis Lake	14/12/01	Forster	56	456114	6434569	9.2	Right bank 1m high, 5m upstream from new concrete and steel bridge

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Duroby Creek	Tweed River	17-24/7/97	Currumbin	56	547765	6876816	11.9	Downstream side of rock dam - 100m from Benevis Place on Naponyah Road
Eastern Creek	Hawkesbury River	14/7/00	Riverstone	56	-	-	-	Above mangrove limit
Emigrant Creek	Richmond River	17-24/7/97	Ballina	56	551205	6812267	25.0	2.3km upstream from Cumbalum Bridge
Empire Vale Creek	Richmond River	14/11/01	Empire Vale	56	549560	6801542	11.9	Mangrove left bank 10m high, 12m upstream from bridge
Erina Creek	Brisbane Water	5/00	Gosford	56	350154	6299620	17.6	At end of Narrawa Avenue
Esk River	Clarence River	17-24/7/97	Woombah	56	530484	6757717	11.5	1.9km upstream from Jackys Gully
Ettalong Creek	Hawkesbury River	9/9/02	Broken Bay	56	-	-	-	No mangroves
Evans River	Evans River	17-24/7/97	Woodburn	56	-	-	-	Mangroves all the way to Tucombil Canal
Fairy Creek	Fairy Creek	5/8/00	Wollongong	56	306619	6190585	0.7	Left bank 1m high at junction with Cabbage Tree Creek
Farrahars Creek	Bellambi Gully	4/6/01	Bulli	56	-	-	-	Above mangrove limit
Fenninghams Island Creek	Port Stephens	18/5/00	Morna Point	56	411745	6374574	22.2	Mangroves on bank adjacent to floodgate
Fernbank Creek	Hastings River	29/2/01	Port Macquarie	56	485074	6523789	12.2	750m upstream from Hastings River Drive
Ferny Creek	Wallis Lake	29/9/99	Wootton	56	442225	6427289	26.7	1.4km upstream from Wallingat River
Fiddamans Creek	Fiddamans Creek	27/1/98	Moonee Beach	56	518184	6662368	0.10	Two mangroves near entrance
Fisheries Creek	Twofold Bay	18/7/01	Eden	55	-	-	-	No mangroves
Fishery Creek	Richmond River	2/6/00	Ballina	56	552220	6809357	9.3	Mangroves on downstream side of culvert under Pacific Highway
Flat Rock Creek	Parramatta River	6/10/00	Parramatta River	56	-	-	-	No mangroves on upstream side of long culvert under playing fields
Flat Rock Creek	Shoalhaven River	4/8/00	Berry	56	279179	6138350	22.4	Two small mangroves both banks 250m north-east from <i>The Depot Farm</i>
Flat Rock Creek (North)	Jervis Bay	24/6/01	Huskisson	56	290269	6110880	8.2 ⁴	Left bank 2-3m high, 100m upstream from footbridge
Flat Rock Creek (West)	Jervis Bay	24/6/01	Sussex Inlet	56	290279	6110745	8.0 ⁴	Left bank 4-5m high, 100m upstream from footbridge
Floods Creek	Hawkesbury River		Gosford	56	337555	6300355	29.9	400m upstream from Mooney Mooney Creek
Forbes Creek	Georges River	21/7/00	Port Hacking	56	319264	6232160	24.3 ³	Right bank 230m downstream from Loftus Creek
Fosters Creek	Hawkesbury River	5/12/01	Cowan	56	324509	6281620	32.7	Right bank 0.5m high, 795m upstream from Calabash Point
Georges Creek	Jervis Bay	30/1/02	Huskisson	56	284979	6124290	21.2 ⁴	6-7m high dispersed through wetland, 450m upstream from Currumbene Creek
Georges River	Georges River	6/6/01	Liverpool	56	309694	6244455	47.9 ³	Left bank 0.5m high, 1.3km downstream from Liverpool Weir
Ghinni Ghinni Creek	Manning River	14/5/99	Coopernook	56	-	-	-	Mangroves full length of creek
Gills Bridge Creek	Macleay River		Kempsey	56	-	-	-	Above mangrove limit
Glenrock Lagoon	Glenrock Lagoon	8/9/02	Wallsend	56	381745	6352154	0.45	Right bank 1.5m high unhealthy mangrove 450m upstream from entrance
Golden Gully	Moruya River	-	Moruya	56	-	-	-	Above mangrove limit
Gooley Lagoon	Camden Haven River	6/9/00	Laurieton	56	-	-	-	Mangroves all around lagoon
Goolawah Lagoon	Goolawah Lagoon	8-10/2/99	Kundabung	56	-	-	-	No mangroves
Goolmangar Creek	Richmond River	-	Casino	56	-	-	-	Above mangrove limit
Gooloo Creek	Conjola Lake	12/11/96	Tianjara	56	-	-	-	Above mangrove limit

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Gordon Creek	Parramatta River	14/1/02	Parramatta River	56	332124	6262930	14.6	Right bank seedling, 525m upstream from Middle Harbour Creek
Greendale Creek	Curl Curl Lagoon	20/7/00	Sydney Heads	56	-	-	-	Entrance usually constricted and often closed – no mangroves
Grose River	Hawkesbury River	14/7/00	Kurrajong	56	-	-	-	Above mangrove limit
Growlers Gully	Little Lake		Narooma	56	-	-	-	Entrance usually closed - no mangroves
Gunderman Creek	Hawkesbury River	19/7/00	Gunderman	56	320865	6398130	45.1	Mangroves on left bank 560m upstream from road bridge
Gwawley Creek	Georges River	10/7/02	Port Hacking	56	325054	6234610	13.9 ³	Right bank 5m high 25m downstream from Port Hacking Road
Hacking River	Port Hacking	24/7/00	Port Hacking	56	321004	6228420	13.3	Left bank in picnic area, new growth at base of old dead mangrove
Halls Creek	Darkum Creek	28/6/02	Woolgoolga	56	518254	6671388	2.4	Right bank 4m high 4m upstream from Darkum Creek
Halls Creek	Manning River	15/5/99	Taree	56	451804	6465919	28.7	650m downstream from Old Bar Road
Hanging Rock Creek	Batemans Bay	15/3/01	Nelligen	56	245449	6043461	2.3 ⁵	Small mangrove left bank, 10m upstream of stone bridge in golf course
Hargraves Creek	Hargraves Creek	10/7/02	Appin	56	-	-	-	No mangroves
Harris Creek	Georges River	31/1/02	Liverpool	56	311624	6241045	35.8 ³	Left bank 1.5m high, 625m downstream from Heathcote Road
Haslams Creek	Parramatta River	20/7/00	Parramatta River	56	319739	6253100	22.3	Small mangrove on right bank 100m downstream from Freeway
Hastings River	Hastings River	9/99	Wauchope	56	475374	6520219	24.8	Right bank 350m downstream from railway bridge
Hawkesbury River	Hawkesbury River	14/7/00	Lower Portland	56	307825	6299965	68.0	Right bank on Upper Half Moon Bend - small mangrove in rocks below road
Hawthorne Canal	Parramatta River	6/10/00	Parramatta River	56	-	-	-	Concrete canal with no mangroves
Haydons Creek	Hastings River	29/2/01	Port Macquarie	56	480604	6521919	17.6	Large stand of mangroves on left bank, 980m downstream from Sancroix Road
Hearns Lake (South)	Hearns Lake	24/8/05	Moonee Beach	56	518992	6665252	1.9	Right bank 1m high, 10m upstream from small right bank tributary
Hérons Creek	Camden Haven River	12-13/5/99	Byabarra	56	475409	6505229	15.7	Left bank 1.9km downstream from Pacific Highway
Hewitts Creek	Hewitts Creek	31/1/02	Bulli	56	-	-	-	No mangroves
Hominy Creek	Hawkesbury River	5/00	Gunderman	56	329310	6301110	35.2	Large mature mangrove, 260m upstream from road bridge
Hooka Creek	Lake Illawarra	31/1/02	Wollongong	56	301209	6181760	8.1	Left bank 5m high, 175m upstream from Lake Illawarra
Howes Creek	Hawkesbury River	27/2/02	Wilberforce	56	-	-	-	Above mangrove limit
Hunter River	Hunter River	4/9/00	Beresfield	56	380915	6375304	33.2	Isolated mangroves in left bank rock protection works, 250m downstream from Irrawang Bridge
Hursley Creek	Hastings River	29/2/01	Port Macquarie	56	476704	6522379	21.6	Mangroves immediately downstream from weir
Hydes Creek (North)	Bellinger River	-	Bellingen	56	-	-	-	Above mangrove limit
Hydes Creek (West)	Bellinger River	-	Bellingen	56	-	-	-	Above mangrove limit
Iron Cove Creek	Parramatta River	6/10/00	Parramatta River	56	328084	6250855	16.4	Left bank of Iron Cove, 10m from Henley Marine Drive roundabout
Ironbark Creek	Hawkesbury River	5/00	Gunderman	56	328775	6304430	40.3	Where track on left bank meets creek 1.2km upstream from Hawkesbury River
Ironbark Creek	Hunter River	16/12/01	Wallsend	56	376025	6360269	20.1	Right bank 6m high, 5m from water, 675m downstream from Minmi Road
Jackybulbin Creek	Richmond River	17-24/7/97	Gibberagee	56	-	-	-	Above mangrove limit
Jackys Gully	Clarence River	15/11/01	Woombah	56	529444	6754852	11.9	Mangrove 1.5m high on small island, 2.3km upstream from The Esk River

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
James Creek	Clarence River	15/11/01	Maclean	56	523119	6742327	22.0	Left bank mature mangrove 12m high, 2.6km upstream from Clarence River
Jellat Jellat Gully	Bega River	29/7/00	Bega	55	-	-	-	Above mangrove limit
Jeremadra Creek	Tomaga River	1/8/00	Mogo	56	241829	6034711	9.3	Right bank 4-5m high, 1.4km upstream from Tomaga River
Jerrara Creek	Minnamurra River	10/7/02	Kiama	56	301414	6164770	8.2	Right bank 1.5m high 100m upstream from new freeway crossing
Jerusalem Creek	Jerusalem Creek	17-24/7/97	Tabbimoble	56	537344	6767002	1.5	Very sparse with only about six mangroves in all of estuary - limit 1.5km upstream from entrance
Jigadee Creek	Lake Macquarie	5/00	Morisset	56	356695	6338349	24.2	1.0km upstream from Dora Creek
Joes Creek	Batemans Bay	15/3/01	Nelligen	56	-	-	-	No mangroves entrance closed
Jordans Creek (North Branch)	Jordans Creek	28/6/02	Coffs Harbour	56	-	-	-	Entrance usually closed - no mangroves
Jordans Creek (South Branch)	Jordans Creek	28/6/02	Coffs Harbour	56	-	-	-	Entrance usually closed - no mangroves
Kahibah Creek	Hawkesbury River	9/9/02	Broken Bay	56	-	-	-	No mangroves
Kalang River	Bellinger River	1/3/01	Missabotti	56	490844	6624508	21.9	1.5m high mangrove on right bank in poor condition, 2.3km downstream from road bridge
Karignan Creek	Lake Macquarie	5/00	Catherine Hill Bay	56	366735	6327944	22.2	750m upstream from Chain Valley Bay
Karuah River	Port Stephens	17/5/00	Dungog	56	402905	6404119	46.2	Left bank, 1.1km downstream from Booral Creek
Kellys Creek	Hawkesbury River	9/3/01	Gunderman	56	332530	6299710	37.2	Large mangrove on left bank, 250m upstream from Cabbage Tree Creek
Kellys Lake	Kellys Lake	13/3/01	Bodalla	56	-	-	-	No mangroves
Kelso Creek	Georges River	21/7/00	Liverpool	56	314254	6241650	34.4 ³	Right bank at boundary fence
Khappinghat Creek	Khappinghat Creek	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary
Kianga Creek	Kianga Lake	-	Narooma	56	-	-	-	Entrance usually closed - no mangroves
Kierans Creek	Hawkesbury River	9/1/97	Hornsby	56	330144	6270930	23.6	Mangroves on left bank at junction with Cowan Creek
Kilaben Creek	Lake Macquarie	19/5/00	Swansea	56	366105	6344194	13.0	10m upstream from Stockyard Creek
Killick Creek (North)	Killick Creek	8-10/2/99	Kundabung	56	497734	6551708	2.7	1.2km upstream from Killick Creek (West)
Killick Creek (West)	Killick Creek	8-10/2/99	Kundabung	56	497064	6551038	2.1	300m downstream from floodgates
Kinchela Creek	Macleay River	7/9/00	Clybucca	56	499264	6571328	19.6	320m from Macleay River - only two isolated mangroves in reeds in whole creek
Kincumber Creek	Brisbane Water	5/00	Gosford	56	350884	6295360	14.0	Downstream side of bridge on Empire Bay Drive
Kings Creek	Hastings River	9/99	Wauchope	56	475684	6516809	27.4	1.3km downstream from Kings Creek Road
Kings Creek (North)	Brunswick River	17-24/7/97	Brunswick Heads	56	549405	6839887	9.4	60m upstream of railway bridge
Kings Creek (South/Drain)	Brunswick River	22/6/97	Huonbrook	56	548265	6839442	11.4	Seedlings 10m downstream from Mullumbimby-Ewingsdale Road
Kooloonbung Creek	Hastings River	9/99	Port Macquarie	56	490564	6520679	4.1	180m upstream from Lake Road bridge
Koona Bay	Lake Illawarra	5/8/00	Albion Park	56	298144	6173655	7.9	Several mangroves 2m high in Koona Bay
Koorainghat Creek	Khappinghat Creek	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Kore Kore Creek	Port Stephens	29/9-1/10/99	Port Stephens	56	418295	6388989	14.8	Left bank at rock crossing (ford)
Korogoro Creek	Korogoro Creek	8-10/2/99	Korogoro Point	56	502504	6567123	5.4	Downstream of floodgates at road bridge
L. T. Creek (North)	Lake Macquarie	19/5/00	Wallsend	56	367705	6349494	15.6	50m downstream from Fassifern Road crossing culverts
L. T. Creek (South)	Lake Macquarie	19/5/00	Wallsend	56	367595	6349309	15.6	40m downstream from disused Toronto-Fassifern railway bridge
Lake Arragan	Lake Arragan	26/8/97	Brooms Head	56	-	-	-	No mangroves
Lake Cathie	Lake Cathie	6/9/00	Grants Head	56	484599	6509349	2.4	Isolated mangroves fringing lake perimeter
Lake Innes/Karikeree Creek	Lake Cathie	6/9/00	Port Macquarie	56	-	-	-	No mangroves in lake
Lake Moore	Georges River	6/6/01	Liverpool	56	309219	6243860	48.7 ³	Mangrove 2.0m high in south-west corner of lake system
Lake Munmorah	Tuggerah Lake		Catherine Hill Bay	56	-	-	-	Above mangrove limit
Lake Tarourga	Lake Tarourga	5-8/2/97	Bodalla	56	-	-	-	Entrance usually closed - no mangroves
Lane Cove River	Parramatta River	20/7/00	Parramatta River	56	329284	6259440	23.3	Right bank 25m downstream from weir
Lansdowne River	Manning River	14/5/99	Coopernook	56	455814	6482514	29.4	Downstream side of weir
Lawlers Creek	Lake Mummuga	5-8/2/97	Narooma	56	-	-	-	Entrance usually closed - no mangroves
Layburys Creek	Hawkesbury River	19/7/00	Gunderman	56	319915	6295535	44.0	Four mature trees 10m high right bank, 200m downstream from Ashdale Creek
Leddays Creek	Tweed River	25/6/02	Murwillumbah	56	548825	6872121	16.8	Right bank 2m high 3m downstream from Pacific Highway floodgates
Lemon Tree Creek	Tabourie Lake	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
Leos Creek	Twofold Bay	10/12/96	Eden	55	753388	5890034	2.9	500m downstream from road crossing
Leycester Creek	Richmond River	17-24/7/97	Casino	56	-	-	-	Above mangrove limit
Limeburners Creek	Camden Haven River	12-13/5/99	Grants Head	56	482674	6503689	13.5	1.8km upstream from Queens Lake
Limeburners Creek	Hastings River	9/99	Telegraph Point	56	-	-	-	Mangroves all the way to Saltwater Lake
Limeburners Creek	Port Stephens	11/8/99	Clarence Town	56	397355	6392884	37.9	Left bank 700m upstream from Stony Creek
Little Arrawarra Gully	Arrawarra Creek	27/2/01	Woolgoolga	56	518034	6673258	2.3	Mangroves 3m high on right bank, 250m downstream from Highway
Little Blue Gum Creek	Parramatta River	6/10/00	Parramatta River	56	329154	6259860	23.6	Right bank 180m downstream from Grosvenor Road roundabout
Little Branch Creek	Port Stephens	10/8/99	The Branch	56	407930	6395874	41.2	Small mangrove 60m downstream from ford
Little Bumbo Creek	Tuross River	-	Bodalla	56	-	-	-	Above mangrove limit
Little Cattai Creek	Hawkesbury River	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit
Little Creek	Table Creek	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance often closed
Little Lake	Little Lake	30/7/00	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
Little Saltpan Creek	Georges River	21/7/00	Botany Bay	56	317254	6240645	27.7 ³	Mangroves on right bank tallest 6m high, 350m downstream from Uranus Road
Lizzies Creek	Port Stephens	26/10/99	Karuah	56	397910	6389589	34.1	Mangroves dispersed through wetland/saltmarsh in this vicinity 250m from Limeburners Road
Loftus Creek	Georges River	21/7/00	Port Hacking	56	-	-	-	Above mangrove limit

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Loggy Creek	Hastings River	8-10/2/99	Port Macquarie	56	476814	6528179	23.0	50m downstream from road bridge
Long Bight Swamp	Hunter River	8/9/02	Williamstown	56	388620	6365414	12.6	Mangroves on both banks on downstream side of floodgates
Lucy Kings Creek	Tabourie Lake	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
Luncheon Creek	Conjola Lake	12/11/96	Tianjara	56	-	-	-	Above mangrove limit
Luthrie Inlet (North)	Manning River	7/9/02	Cundletown	56	464714	6467799	4.0	Old mangrove 2m high 50m downstream from tidal limit
Luthrie Inlet (South)	Manning River	7/9/02	Cundletown	56	463504	6466494	4.2	Centre channel 0.3m high 30m downstream from tidal limit
Lynchs Creek	Candlagan Creek	2/8/00	Mogo	56	-	-	-	Above mangrove limit
Lyrebird Gully	Hawkesbury River	5/12/01	Hornsby	56	325524	6277035	37.2	Left bank 1m high, 750m upstream from Berowra Creek
Macdonald River	Hawkesbury River	14/7/00	St Albans	56	309695	6307625	63.6	Three small seedlings on left bank opposite <i>Killarney</i> farm
Macleay Arm	Macleay River	29/1/98	Eungai	56	499659	6593213	15.2	150m downstream from bridge at Grassy Head Reserve
Macleay River	Macleay River	7/9/00	Kempsey	56	497114	6569758	21.9	Small isolated mangroves in reeds, 2.7km downstream from Smithtown bridge
Macquarie Rivulet	Lake Illawarra	4/6/01	Albion Park	56	-	-	-	No mangroves
Magpie Creek	Khappinghat Creek	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary
Maguires Creek	Richmond River	17-24/7/97	Lismore	56	548085	6812907	24.5	250m downstream from bridge
Main Trust Canal	Tweed River	25/6/02	Murwillumbah	56	547755	6870421	19.3 ²	Right bank 2m high 550m east from Saunders Lane
Main Trust Canal (South)	Tweed River	25/6/02	Murwillumbah	56	-	-	-	No mangroves
Malabar Creek	Moruya River	2/4/98	Moruya	56	237369	6025231	7.8	350m downstream from Princes Highway
Manarm Creek	Bellinger River	15/11/00	Raleigh	56	500904	6633008	10.2	1.9km upstream from Bellinger River 75m downstream from old timber bridge
Mangaema Creek	Twofold Bay	29/7/00	Eden	55	-	-	-	No mangroves – entrance usually closed
Mangans Creek	Baragoot Lake	5/2/97	Bermagui	56	-	-	-	No mangroves
Mangrove Creek	Clarence River	26/8/97	Banyabba	56	515914	6751407	37.0	2.3km downstream from Barneys Creek
Mangrove Creek	Hawkesbury River	5/00	Mangrove	56	327305	6308230	46.2	Small isolated seedlings on sandbar, 1.1km downstream from pumping station
Mangrove Gully	Lake Macquarie	5/00	Catherine Hill Bay	56	369090	6329649	16.9	310m upstream from Crangan Bay
Manly Creek	Manly Lagoon	20/7/00	Sydney Heads	56	-	-	-	Entrance usually constricted – no mangroves
Mannering Bay	Lake Macquarie	5/00	Catherine Hill Bay	56	362350	6328979	21.9	On downstream side of spillway from Mannering Lake
Manning River	Manning River	13/5/99	Taree	56	446959	6470064	37.8	Left bank 150m downstream from Munghi Creek
Manning River - South Channel	Manning River	-	Cundletown	56	-	-	-	Mangroves all along channel
Maria River	Hastings River	8-10/2/99	Telegraph Point	56	487204	6541568	25.2	750m upstream from Pipers Creek
Marlows Gully	Hawkesbury River	7/5/01	Gunderman	56	330505	6294965	28.7	2m high mangrove on left bank, 100m downstream from causeway
Marmong Creek	Lake Macquarie	9/9/02	Wallsend	56	370760	6350154	15.8	Mangroves 8m high upstream side of weir 50m upstream from Marmong Street
Marramarra Creek	Hawkesbury River	5/00	Cowan	56	321505	6288830	31.4	Small clump of seedlings 2.0km upstream from powerlines
Marshalls Creek	Brunswick River	17-24/7/97	Brunswick Heads	56	552354	6846837	8.5	In a side bay of Marshalls Creek 700m downstream from Highway bridge
Matenga Creek	Woolli Woolli River	31/1/01	Pillar Valley	56	521444	6703107	14.9	Mangrove on right bank 50m downstream from road

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Mayal Creek	Tweed River	29/1/01	Murwillumbah	56	539075	6869116	30.5 ¹	Single mangrove 0.75m high on western bank 1.0km from Rous River
McCarrs Creek	Hawkesbury River	9/1/97	Mona Vale	56	339204	6274480	10.4	2.7km upstream from Church Point
McClymonts Creek	Wallis Lake	5/9/00	Coolongolook	56	448265	6439539	8.8	Right bank approx 1m high, 2.8km upstream from Wallis Lake
McGraths Creek	Oyster Creek	22/5/01	Wenonah Head	56	502114	6620323	2.3	Left bank less than 1m high, 160m downstream from railway bridge
McKenzies Creek	Hawkesbury River	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit
McKies Creek	Manning River	14/5/99	Coopernook	56	-	-	-	Above mangrove limit
McLeods Creek	Clyde River	30/1/02	Nelligen	56	243804	6043396	2.9 ⁶	Mangroves up to bund wall, 2.3km upstream from Lattas Point
Merchants Gully	Cockrone Lake	5/00	Gosford	56	-	-	-	No mangroves
Meringo Creek	Meringo Creek	-	Moruya	56	-	-	-	Entrance usually closed - no mangroves
Merrica River	Merrica River	19/7/01	Narrabarba	55	-	-	-	No mangroves
Merrimbula Creek	Back Lagoon	29/7/00	Pambula	55	-	-	-	Entrance usually closed - no mangroves
Middle Camp Creek	Middle Camp Creek	5/00	Catherine Hill Bay	56	-	-	-	No mangroves
Middle Creek	Bonville Creek	27/1/98	Coffs Harbour	56	509414	6640168	1.0	200m upstream from First Avenue bridge
Middle Creek	Narrabeen Lagoon	20/7/00	Mona Vale	56	-	-	-	Above mangrove limit
Middle Harbour Creek	Parramatta River	9/1/97	Hornsby	56	332229	6264710	16.3	115m downstream from bend at Bungaroo
Mill Creek	Georges River	9/5/00	Port Hacking	56	316004	6235665	29.3 ³	Left bank downstream side of weir
Mill Creek	Hawkesbury River	14/7/00	Gunderman	56	316845	6303120	52.6	Large mangrove 200m upstream from old culvert
Millards Creek	Millards Creek	14/3/01	Milton	56	270364	6084655	0.50	Mangrove 30m downstream of road bridge 500m from harbour entrance
Minimba Creek	Wallis Lake	7/6/01	Coolongolook	56	442895	6439509	16.1	Mangroves dispersed through wetland 5.0km upstream from Coolongolook River
Minnamurra River	Minnamurra River	4/8/00	Kiama	56	301054	6164885	7.8	Left bank 20m from main river, 80m downstream from bridge on Swamp Road
Mogendoura Creek	Moruya River	-	Moruya	56	-	-	-	Above mangrove limit
Mogo Creek	Tomaga River	1/8/00	Mogo	56	242264	6035291	10.6	Right bank 2-3m high, 720m upstream from Tomaga River
Mollymook Creek	Mollymook Creek	14/3/01	Milton	56	270224	6086740	0.28	Solitary mangrove 2m high, 50m upstream of bridge
Mondayong Creek	Swan Lake	3/6/97	Sussex Inlet	56	-	-	-	Entrance usually closed - no mangroves
Mondrook Creek	Manning River	13/5/99	Taree	56	-	-	-	No mangroves
Monkey Jacket Creek	Port Stephens	9/8/99	Port Stephens	56	422455	6389689	15.2	Downstream side of Rattley Bridge
Mooball Creek	Mooball Creek	25/4/02	Pottsville	56	551485	6852312	10.1	Seedlings on right bank 1.6km upstream from Burringbar Creek
Moona Moona Creek	Jervis Bay	4/8/00	Huskisson	56	286319	6118620	14.2 ⁴	Left bank 4-5m high and small mangroves, 2.2km upstream from entrance
Moonee Beach Creek	Moonee Beach Creek	5/00	Catherine Hill Bay	56	-	-	-	No mangroves
Moonee Creek	Moonee Creek	28/1/98	Moonee Beach	56	517134	6661438	7.1	1.7km downstream from Pacific Highway
Mooney Mooney Creek	Hawkesbury River		Gunderman	56	336880	6300880	31.0	1.5km upstream from Floods Creek

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Moores Creek	Parramatta River	14/1/02	Parramatta River	56	332924	6262115	13.0	Mangroves in remnant back channel now 25m from main creek, 260m upstream from Middle Harbour Creek
Mortons Creek	Hastings River	9/99	Wauchope	56	-	-	-	Above mangrove limit
Moruya River	Moruya River	-	Moruya	56	235679	6022766	7.6	Right bank near Moruya Hospital
Mosquito Creek	Richmond River	26/6/02	Empire Vale	56	-	-	-	Above mangrove limit
Mougamarra Creek	Hawkesbury River	6/12/01	Cowan	56	330114	6287355	23.0	Right bank 7m high, 125m downstream from tidal limit
Mudd Creek	Lake Macquarie	19/5/00	Swansea	56	-	-	-	Mangroves along entire length – culverts join Mudd Creek to Stony Creek
Muddy Creek	Botany Bay	24/7/00	Botany Bay	56	329304	6241805	11.6 ³	Left bank 4m downstream from Bestic Street bridge
Mullet Creek	Hawkesbury River	21/12/99	Gosford	56	338814	6293665	17.3	Mangroves on upstream side of railway embankment
Mullet Creek	Lake Illawarra	5/8/00	Albion Park	56	-	-	-	No mangroves
Mullet Creek	Narrabeen Lagoon	20/7/00	Mona Vale	56	-	-	-	No mangroves
Mullett Creek (South Branch)	Corindi River	6/9/02	Red Rock	56	519809	6682848	3.2	Old mangrove 5m high in saltmarsh 175m downstream from tidal limit
Mullett Creek (West Branch)	Corindi River	27/6/02	Red Rock	56	518994	6683743	4.5	0.5m high stressed with few leaves 3.2km upstream from Jewfish Point
Mullumbimby Creek	Brunswick River	30/1/01	Huonbrook	56	548575	6841057	13.2	12m high mangrove on left bank opposite Landcare park
Mundarlow Creek	Clyde River	2/8/00	Nelligen	56	239704	6043166	8.3 ⁶	Mangroves up to 3m high left bank side creek, 250m downstream from road
Munghi Creek	Manning River	14/5/99	Taree	56	-	-	-	Above mangrove limit
Munna Munnora Creek	Munna Munnora Creek		Kiama	56	-	-	-	No mangroves
Munno Creek	Tabourie Lake	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
Murrah River	Murrah River	5/2/97	Murrah	56	235334	5953651	1.8	300m upstream from Murrah Lagoon
Musicians Creek	Wooli Wooli River	31/1/01	Pillar Valley	56	519404	6700222	14.3	Single mangrove 1.1km upstream from Wanderer Creek
Myall River (Lower)	Myall Lakes	30/9/99	Bombah Point	56	433125	6398209	32.9	Near Tamboy
Myall River (Upper)	Myall Lakes	27/6/01	Bombah Point	56	-	-	-	Above mangrove limit
Myrtle Creek	Bermagui River	-	Bermagui	56	-	-	-	Above mangrove limit
Nadgee Lake	Nadgee Lake	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance usually closed
Nadgee River	Nadgee River	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance sometimes closed
Nambucca River	Nambucca River	28/1/98	Macksville	56	488724	6608738	24.5	Mangrove in side drain on northern foreshore 6.0km downstream from Lanes Bridge at Bowraville
Nangudga Creek	Nangudga Lake		Narooma	56	241904	5985601	3.3	Mangroves extend to NW corner of lake
Narara Creek	Brisbane Water	5/00	Gosford	56	345855	6302940	20.7	10m upstream from bridge
Nargal Lake	Nargal Lake	30/7/00	Central Tilba	56	-	-	-	Entrance permanently closed by high well vegetated dune – no mangroves
Narho Creek	Clarence River	15/11/01	Yamba	56	525684	6748132	13.6	Large mangroves in left bank remnant channel, 275m upstream from floodgates
Narira Creek	Wallaga Lake	-	Bermagui	56	-	-	-	Entrance constricted - no mangroves
Narrabeen Creek	Narrabeen Lagoon	20/7/00	Mona Vale	56	-	-	-	Above mangrove limit

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Narrabeen Lagoon	Narrabeen Lagoon	20/7/00	Mona Vale	56	341064	6267945	3.5	Small group of mangroves in sheltered embayment on southern shore of lagoon
Narrawallee Creek	Narrawallee Inlet	25/5/97	Milton	56	267779	6092900	5.9	1.7km upstream from Croobyar Creek
Nelligen Creek	Clyde River	2/8/00	Nelligen	56	239914	6051861	16.3 ⁶	Right bank small mangroves, 150m downstream from Shallow Crossing road
Nelson Creek	Nelson Lagoon	5/2/97	Bega	55	765488	5936984	3.0	At bridge
Nepean River	Hawkesbury River	14/7/00	Kurrajong	56	-	-	-	Above mangrove limit
Neranie Bay	Myall Lakes		Myall Lake	56	-	-	-	Above mangrove limit
Nerong Creek	Myall Lakes		The Branch	56	-	-	-	Above mangrove limit
Nerrindillah Creek	Nerrindillah Creek	3/6/97	Sussex Inlet	56	-	-	-	Entrance usually closed or constricted – no mangroves
Newee Creek	Nambucca River	28/1/98	Macksville	56	494264	6606778	18.1	5.5km upstream from Nambucca River
Newports Creek	Boambee Creek	27/1/98	Coff's Harbour	56	508814	6646318	7.6	50m upstream from Pacific Highway bridge
Newrybar Drain	Richmond River	30/1/01	Ballina	56	554365	6817077	15.8	Small seedlings on right bank 1.9km upstream from Ross Lane
Niarga Creek	Clarence River	15/11/01	Maclean	56	515764	6740042	29.3	Mangroves left bank 12-15m high, 575m upstream from Poverty Creek
North Arm - West Branch	Tom Thumbs Lagoon	5/6/97	Wollongong	56	306504	6186725	4.0	200m upstream from fork where creek turns west
North Creek	Richmond River	17-24/7/97	Ballina	56	555655	6816467	15.8	No mangroves above this point 1.2km from Newrybar Drain due to recent drain clearing
Nowra Creek	Shoalhaven River	4/8/00	Nowra	56	279694	6137365	21.9	Left bank 1m high, 10m downstream from track crossing
Nullica River	Twofold Bay	17/7/01	Eden	55	753593	5890544	2.1	No mangroves upstream from junction with Leos Creek
Nutleys Creek	Bermagui River	-	Bermagui	56	-	-	-	Above mangrove limit
Ocean Shores (South)	Brunswick River	25/6/02	Brunswick Heads	56	552914	6845707	5.7	Right bank 10m high 10m downstream from culverts under road to golf course maintenance sheds
Ocean Shores (West)	Brunswick River	25/6/02	Brunswick Heads	56	552534	6846007	6.4	Right bank 6m high on downstream side of culverts
Olsons Creek	Corunna Lake	-	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
Ooaree Creek	Werri Lagoon	4/8/00	Kiama	56	-	-	-	Entrance constricted and often closed – no mangroves
Orara River	Clarence River	-	Grafton	56	-	-	-	Above mangrove limit
Orphan School Creek	Georges River	21/7/00	Liverpool	56	-	-	-	Above mangrove limit
Ourimbah Creek	Tuggerah Lake	5/00	Wyong	56	-	-	-	Above mangrove limit
Oyster Creek	Manning River	8/9/02	Cundletown	56	460284	6464319	3.6	Right bank very small seedling 50m upstream from cow track culverts
Oyster Creek	Oyster Creek	8/2/01	Wenonah Head	56	500669	6616753	2.5	Left bank 2-3m high, 2.3km upstream from railway bridge near entrance
Oyster Gully	Georges River	10/7/02	Port Hacking	56	322489	6234445	18.8 ³	Two mangroves 1.0m high on right bank 140m upstream from Bates Drive
Paddys Creek	Manning River	14/5/99	Cundletown	56	456704	6472489	26.8	Remnant mangroves in drains to this point, 200m upstream from windmill
Palestine Creek	Curralo Lagoon	29/7/00	Eden	55	-	-	-	Entrance often closed - no mangroves
Pambula River	Pambula Lake	11/12/96	Pambula	55	756063	5907364	8.2	1.6km downstream from Princes Highway
Parramatta River	Parramatta River	20/7/00	Parramatta River	56	315889	6256715	30.2	Left bank 100m downstream from weir

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Paterson River	Hunter River	16/5/00	Paterson	56	-	-	-	Above mangrove limit
Patonga Creek	Hawkesbury River	5/00	Broken Bay	56	339804	6289835	9.6	5.7km upstream from entrance
Pattimores Lagoon	Conjola Lake	14/3/01	Milton	56	270629	6093555	3.5	Small mangrove 0.5-1m high on south-west shore of lagoon
Pearl Beach Lagoon	Hawkesbury River	9/9/02	Broken Bay	56	-	-	-	No mangroves
Peg Leg Creek	Manning River	13/5/99	Taree	56	443854	6467414	36.1	Many mangroves centre stream 15m upstream from left bank side creek
Pelican Bay	Manning River	21/5/01	Coopernook	56	-	-	-	Not a closed system joined back to river by culvert, mangroves all way along
Pelican Creek	Richmond River	30/1/01	Wardell	56	-	-	-	Above mangrove limit
Picket Hill Creek (East)	Bellinger River	28/1/98	Missabotti	56	496894	6622868	17.4	10m high mangrove on left bank approx 350m upstream of bridge
Picket Hill Creek (West)	Bellinger River	28/2/01	Missabotti	56	496464	6622598	17.6	Seedlings on right bank 300m upstream from Buckmans Road bridge
Piggabeen Creek	Tweed River	30/1/01	Currumbin	56	545640	6881676	15.6	Two small seedlings on outer bend left bank 1.9km upstream from Cobaki Creek
Piles Creek	Hawkesbury River		Gosford	56	338660	6298260	27.7	200m downstream from Great North Walk suspension bridge
Pine Brush Creek	Pine Brush Creek	27/1/98	Coffs Harbour	56	-	-	-	Entrance usually closed - no mangroves
Pine Creek	Bonville Creek	28/2/01	Raleigh	56	505164	6637418	11.0	Small seedlings left bank 0.5m high, 970m downstream from railway bridge
Pipe Clay Lake (North Branch)	Pipe Clay Lake	28/6/02	Woolgoolga	56	519894	6678943	0.25	Left bank 2.5m high 250m upstream from entrance
Pipe Clay Lake (South Branch)	Pipe Clay Lake	28/6/02	Woolgoolga	56	519794	6678528	0.55	Centre channel 1m high 550m upstream from entrance
Pipeclay Canal	Manning River	12-13/5/99	Coopernook	56	469304	6481024	18.7	Small mangroves on left bank near Cockatoo Island
Pipeclay Creek	Port Stephens	17/5/00	Karuah	56	396580	6381399	38.0	Left bank on bend, 450m downstream from powerlines
Pipeclay Creek	Tweed River	-	Murwillumbah	56	-	-	-	Above mangrove limit
Pipeclay Creek/Urunga Lagoon	Bellinger River	28/2/01	Wenonah Head	56	501844	6624138	2.8	Mangroves extend to railway line
Pipers Creek	Hastings River	8-10/2/99	Telegraph Point	56	485864	6541688	25.6	1.1km upstream from Maria River
Pipers Creek	Wallis Lake	29/9-1/10/99	Forster	56	453904	6437589	12.0	Along edge of wetland
Pipers Creek (East Branch)	Wallis Lake	24/5/01	Forster	56	-	-	-	Shallow, overgrown creek with no mangroves
Pipers Creek (North Branch)	Wallis Lake	24/5/01	Forster	56	455324	6436099	11.1	Mangrove 1.5m high left bank, 100m upstream from The Lakes Way
Pola Creek	Macleay River		Kempsey	56	-	-	-	Above mangrove limit
Pontobark Creek	Manning River	14/5/99	Coopernook	56	-	-	-	Above mangrove limit
Popran Creek	Hawkesbury River	5/00	Gunderman	56	331660	6301790	38.3	1.4km downstream from bridge near Hospital Gully
Porto Gully	Hawkesbury River	6/12/01	Cowan	56	333724	6284530	11.1	Right bank 5m high, 1.3km upstream from Mud Point
Poundyard Creek	Woolgoolga Lake	27/1/98	Woolgoolga	56	518224	6669438	1.6	20m downstream from Pacific Highway
Pourmalong Creek	Lake Macquarie	5/00	Swansea	56	360810	6334844	21.3	1.8km downstream from bridge on road to Morisset Hospital
Poverty Creek	Clarence River	15/11/01	Maclean	56	-	-	-	Mangroves upstream of floodgates but creek connects back to river via Poverty Creek drain at 513440E 6738520N

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Powells Creek	Parramatta River	22/7/98	Parramatta River	56	322849	6251690	21.7	Left bank opposite Hamilton Street
Prospect Creek	Georges River	21/7/00	Liverpool	56	311464	6248395	45.7 ³	Left bank rock cage retaining wall 1m high 1.2km upstream from Liverpool Rd
Pumpkin Point Creek	Hawkesbury River	6/12/01	Gunderman	56	326480	6292760	25.8	Mangroves dispersed through wetland in this vicinity, 1.25km SE from Ivory Trig 50m downstream from tidal limit
Punkally Creek	Wagonga Inlet	-	Narooma	56	236259	5986036	8.5	200m upstream from bridge on Wagonga Scenic Drive
Racecourse Creek	Moruya River	31/7/00	Moruya	56	237349	6021611	6.3	Right bank 5m upstream from old bridge, 130m down from South Head Road
Racecourse Creek	Racecourse Creek	8/9/02	Cundletown	56	-	-	-	No mangroves
Rainbow Gully	Khappinghat Creek	16/5/99	Hallidays Point	56	-	-	-	Entrance often closed or constricted - no mangroves found in estuary
Rawdon Creek	Hastings River	8-10/2/99	Port Macquarie	56	479204	6528049	19.8	1.7km downstream from Forest Hut Road
Redbank Creek	Corindi River	27/1/98	Woolgoolga	56	518064	6680968	9.9	1.0km upstream from Corindi River
Reedy Creek	Clarence River	-	Tyndale	56	-	-	-	Above mangrove limit
Reedy Creek	Hastings River	-	Kundabung	56	-	-	-	Above mangrove limit
Reedy Creek	Meroo Lake	24/5/97	Tabourie	56	-	-	-	Entrance usually closed – no mangroves visible around entrance
Reedy Creek	Port Stephens	29/9-1/10/99	Karuah	56	399510	6386639	27.9	Mangroves at head cut, 20m upstream from powerlines
Reedy Creek	Richmond River	14/11/01	Empire Vale	56	-	-	-	Enters Empire Vale Creek above mangrove limit
Reedy Creek	Twofold Bay	18/7/01	Eden	55	754478	5890274	1.6	Right bank 1.5m high 250m upstream from Nullica River
Reedy Creek	Wallis Lake	15/12/01	Wootton	56	444485	6429969	23.4	Left bank 1.5m high, 800m upstream from Wallingat River
Reserve Creek	Cudgen Creek	17-24/7/97	Cudgen	56	-	-	-	Above mangrove limit
Rhones Creek	Nambucca River	24/6/02	Macksville	56	-	-	-	No mangroves in creek
Richmond River	Richmond River	30/1/01	Woodburn	56	532025	6785322	44.9	1.5m high isolated mangroves (poor condition) on left bank amongst reeds 2.0km upstream from Forest Road bridge
Rickabys Creek	Hawkesbury River	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit
Roberts Creek	Hawkesbury River	27/2/02	Lower Portland	56	-	-	-	Above mangrove limit
Roberts Creek	Richmond River	26/6/02	Ballina	56	553790	6811712	13.6	Centre channel 12m high 700m upstream from Deadmans Creek
Rocklow Creek	Minnamurra River	5/8/00	Albion Park	56	301709	6167900	3.6	Number of small mangroves left and right banks 20m upstream from Highway
Rocky Creek	Parramatta River	14/1/02	Hornsby	56	332339	6264365	16.0	Right bank two mangroves 10m high, 70m upstream from Middle Harbour Crk
Rocky Mouth Creek	Richmond River	17-24/7/97	Woodburn	56	532105	6781767	46.6	600m downstream from floodgates
Roses Creek	Hawkesbury River	14/7/00	Gunderman	56	314745	6302715	53.6	Mangroves just upstream of floodgate
Rous River	Tweed River	29/1/01	Murwillumbah	56	538605	6868501	32.5	Mangrove 1.0m high on right bank, 3.0km upstream from Mayal Creek
Ryans Cut	Ryans Cut	8-10/2/99	Kundabung	56	-	-	-	Entrance open but no mangroves
Saltpan Creek	Crookhaven River	12/6/99	Nowra	56	289004	6133095	11.5	70m downstream from causeway near bend in Bournes Lane
Saltpan Creek	Georges River	21/7/00	Botany Bay	56	318869	6243080	29.5 ³	Mangrove on right bank 8m high, 400m downstream from Canterbury Road

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Saltwater Creek	Avoca Lake	5/00	Gosford	56	-	-	-	No mangroves
Saltwater Creek	Corindi River	28/8/97	Red Rock	56	518884	6685558	8.0	250m downstream from Dirty Creek
Saltwater Creek	Saltwater Creek	29/1/98	South West Rocks	56	505954	6581498	4.3	Entrance usually closed or constricted - mangroves on southern shore of lagoon
Saltwater Creek	Saltwater Creek	13/3/01	Mogo	56	-	-	-	No mangroves entrance closed
Saltwater Creek	Saltwater Creek	18/7/01	Kiah	55	-	-	-	No mangroves – entrance usually closed
Saltwater Creek	Tuggerah Lake	17/12/01	Wyong	56	-	-	-	No mangroves
Saltwater Creek (Main)	Port Stephens	16/12/01	Karuah	56	398165	6377839	30.1	1m high many mangroves dispersed through wetland, 3.3km upstream from Twelve Mile Creek
Saltwater Creek (West)	Port Stephens	16/12/01	Karuah	56	398465	6376684	29.3	0.5m high others dispersed through wetland, 80m from Racecourse Swamp
Saltwater Inlet	Macleay River	8-10/2/99	South West Rocks	56	503454	6576283	10.9	Mangroves on downstream side of floodgates 3.5km upstream from Gregory Street bridge
Saltwater Lake	Hastings River	9/99	Telegraph Point	56	493664	6535538	17.8	Mangroves all around perimeter of lake
Salty Lagoon (Nth Branch Est)	Salty Lagoon	26/6/02	Woodburn	56	-	-	-	No mangroves
Salty Lagoon (Nth Branch Nth)	Salty Lagoon	26/6/02	Woodburn	56	-	-	-	No mangroves
Salty Lagoon (South Branch)	Salty Lagoon	26/6/02	Woodburn	56	541995	6783222	0.90	Single mangrove 2m high in north west corner of lagoon
Salvation Creek	Hawkesbury River	6/12/01	Mona Vale	56	339634	6277325	10.0	Right bank 3-4m high, 1.2km upstream from Rocky Point
Sams Creek	Hawkesbury River	5/12/01	Cowan	56	326474	6278255	36.0	Left bank 1m high, 450m upstream from Berowra Creek
Sandbrook Inlet	Hawkesbury River	9/9/02	Cowan	56	335579	6287280	16.7	Seedling in rock embankment near railway tunnel on Long Island
Sandon River	Sandon River	27/8/97	Sandon	56	525104	6713867	13.5	7.8km upstream from Candole Creek
Sandy Beach Creek	Bournda Lagoon	13/3/01	Wolumla	55	-	-	-	No mangroves
Sandy Creek	Middle Lagoon	5/2/97	Bega	55	-	-	-	Entrance usually closed - no mangroves
Sandy Creek	Richmond River	17-24/7/97	Ellangowan	56	-	-	-	Above mangrove limit
Sarahs Creek	Hastings River	7/6/00	Port Macquarie	56	478019	6518264	24.6	900m upstream from Oxley Highway
Savilles Creek	Port Hacking	24/7/00	Port Hacking	56	-	-	-	Above mangrove limit
Scotchmans Creek	Hawkesbury River	28/2/02	Gunderman	56	328400	6298430	31.4	Right bank 5m high, 200m upstream from road
Scotts Creek	Manning River	-	Cundletown	56	-	-	-	Mangroves all along creek
Scotts Creek	Parramatta River	14/1/02	Parramatta River	56	334364	6259735	10.0	Right bank 10m high in old side channel 20m from main creek, 10m upstream from timber footbridge near viaduct
Screech Owl Creek	Hawkesbury River	5/00	Gunderman	56	327545	6301970	36.7	Large mangrove in drainage channel, 200m upstream from road
Serpentine Channel	Clarence River	27/6/02	Yamba	56	-	-	-	No limit - mangroves along entire length of channel
Seymours Creek	Hawkesbury River	6/12/01	Cowan	56	332654	6286305	14.7	Mangroves extend 60m upstream from Brooklyn Road
Shadrachs Creek	Twofold Bay	17/7/01	Eden	55	-	-	-	No mangroves – entrance usually closed
Shannon Brook	Richmond River	30/1/01	Tatham	56	-	-	-	Above mangrove limit

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Shark Creek	Clarence River	28/2/01	Tyndale	56	518939	6734777	39.5	Isolated mangrove 1.5m high at outlet to floodgated drain
Sheas Creek	Botany Bay	24/7/00	Botany Bay	56	-	-	-	Above mangrove limit
Sheep Station Creek	Clyde River	2/8/00	Nelligen	56	243609	6049381	13.4 ⁶	Left bank 1m high, 25m upstream from culverts on road to Nelligen
Shoalhaven River	Shoalhaven River	3/8/00	Berry	56	278054	6139285	22.4	Two mangroves on left bank 1-2m high, 3.1km upstream from Highway bridge
Simpsons Creek	Brunswick River	17-24/7/97	Brunswick Heads	56	554404	6836727	9.6	100m downstream from timber bridge
Simpsons Creek (West)	Brunswick River	17-24/7/97	Brunswick Heads	56	-	-	-	Above mangrove limit
Simpsons Crk (Wrecking Yard)	Brunswick River	25/6/02	Brunswick Heads	56	554404	6837352	8.5	Right bank 10m high 150m upstream from Simpsons Creek
Skidders Creek	Moonee Creek	27/1/98	Moonee Beach	56	514654	6660278	4.6	400m downstream from Pacific Highway
Slacky Creek	Slacky Creek	31/1/02	Bulli	56	-	-	-	No mangroves
Smarts Creek (North)	Tuross River	31/7/00	Bodalla	56	237199	6008256	7.5	Mangrove seedling at junction of north and west branches
Smarts Creek (West)	Tuross River	31/7/00	Bodalla	56	237199	6008256	7.5	Mangrove seedling at junction of north and west branches
Smiths Creek	Hastings River		Kundabung	56	-	-	-	Above mangrove limit
Smiths Creek (East)	Hawkesbury River	27/8/00	Hornsby	56	334729	6273885	19.2	Left bank less than 1m high, 900m upstream from south branch
Smiths Creek (South)	Hawkesbury River	27/8/00	Hornsby	56	334029	6274320	18.5	Right bank 1m high, 165m upstream from east branch
Snowball Creek (South)	Hastings River	8-10/2/99	Wauchope	56	476129	6525399	21.9	480m downstream from bridge on Stoney Creek Road
Snowball Creek (West)	Hastings River	8-10/2/99	Wauchope	56	476129	6525509	22.0	200m downstream from road bridge
South Creek	Hawkesbury River	14/7/00	Wilberforce	56	-	-	-	Above mangrove limit
South Creek	Narrabeen Lagoon	20/7/00	Mona Vale	56	-	-	-	Above mangrove limit
South West Arm Creek	Port Hacking	24/7/00	Port Hacking	56	322944	6226350	9.1	Mangrove on right bank 2m high, 580m downstream from Winifred Falls
South West Rocks Creek	South West Rocks C.	1/3/01	South West Rocks	56	501764	6582653	2.7	Seedlings 0.5m high adjacent to bank, 70m from road
Southgate/Alumy Creek	Clarence River	-	Tyndale	56	-	-	-	Above mangrove limit
Spencers Creek	Macleay River	8-10/2/99	South West Rocks	56	-	-	-	Mangroves along full length of creek
Sportsmans Creek	Clarence River	28/2/01	Tyndale	56	508814	6736487	38.7	1.5m high mangrove in poor condition right bank, 980m upstream from Clarence River
Spring Creek	Richmond River	30/1/01	Tatham	56	-	-	-	Above mangrove limit
Spring Creek	Spring Creek	4/6/01	Kiama	56	-	-	-	No mangroves
Spring Creek	Tuggerah Lake		Dooralong	56	-	-	-	Above mangrove limit
Stanwell Creek	Stanwell Creek	10/7/02	Appin	56	-	-	-	No mangroves
Station Creek	Port Stephens	10/8/99	The Branch	56	414445	6390484	24.0	1.5km upstream from Bundabah Creek
Station Creek	Station Creek	27/6/02	Red Rock	56	524044	6687128	1.7	Right bank 1.5m high 700m upstream from picnic area
Stewarts River	Camden Haven River	12-13/5/99	Lorne	56	472104	6490324	18.2	Right bank 200m downstream from railway bridge
Still Creek	Hawkesbury River	5/12/01	Hornsby	56	324109	6277690	39.1	Left bank two seedlings 70m downstream from tidal limit
Stitts Creek	Manning River	14/5/99	Taree	56	449904	6467389	27.8	Right bank 500m downstream from old Pacific Highway

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Stockton Creek	Lake Macquarie	5/00	Morisset	56	356785	6336490	24.9	1.0km downstream from bridge on Freeway
Stockyard Creek	Lake Macquarie	19/5/00	Swansea	56	366115	6344154	13.0	No mangroves upstream from dam on golf course
Stoney Creek	Hastings River	8-10/2/99	Wauchope	56	476204	6525529	22.0	375m downstream from road bridge
Stoney Creek	Lake Brou	5-8/2/97	Narooma	56	-	-	-	Entrance usually closed - no mangroves
Stony Creek	Burrill Lake	15/3/01	Milton	56	-	-	-	No mangroves
Stony Creek	Lake Macquarie	19/5/00	Swansea	56	366655	6347779	17.7	Right bank 120m downstream from ford off High Street
Stony Creek	Port Stephens	11/8/99	Clarence Town	56	397530	6393489	38.1	Left bank 240m downstream from bridge on Bucketts Way
Stony Creek	Stony Creek	14/3/01	Sussex Inlet	56	-	-	-	No mangroves
Stony Creek (Main)	Manning River	14/12/01	Wingham	56	448084	6475439	32.8	Right bank less than 1m high, 1.0km upstream from Dawson River
Stony Creek (West)	Manning River	5/9/00	Wingham	56	448184	6475049	32.7	Small seedlings left bank, 380m upstream from Stony Creek (Main)
Strangers Creek	Parramatta River	20/7/00	Parramatta River	56	327389	6256885	19.5	Mature mangrove 20m upstream from Buffalo Creek
Styx Creek	Hunter River	17/5/00	Wallsend	56	-	-	-	Concrete lined channel, no mangroves
Subiaco Creek	Parramatta River	20/7/00	Parramatta River	56	317834	6257060	28.3	Seedlings on right bank 80m downstream from Victoria Road bridge
Sugar Creek	Wallis Lake	29/9/99	Wootton	56	444425	6429249	24.6	1.5km upstream from Wallingat River
Sugar Mill Creek	Moonee Creek	28/2/01	Moonee Beach	56	514784	6657608	0.85	4m high stand of mangroves on right bank, 420m upstream from Moonee Crk
Sugarloaf Creek	Parramatta River	14/1/02	Parramatta River	56	334939	6258865	9.0	Right bank 8-10m high 5m downstream from Camp Creek
Sugee Bag Creek	Hawkesbury River	5/00	Mangrove	56	326860	6305915	43.0	Confluence with Mangrove Creek
Sussex Inlet	St Georges Basin	3/8/00	Sussex Inlet	56	-	-	-	Mangroves extend along entire inlet
Swaines Creek	Parramatta River	14/1/02	Parramatta River	56	329774	6258645	22.5	Left bank seedling 40m downstream from viaduct
Swamp/Fishery Creek	Hunter River	16/5/00	Maitland	56	-	-	-	Above mangrove limit
Swampy Creek	Nambucca River	16/11/01	Macksville	56	498594	6609088	3.3	Right bank 1.5m high, 300m upstream from Bellwood Creek
Swan Bay	Richmond River	30/1/01	Woodburn	56	-	-	-	Above mangrove limit
Swan Creek	Clarence River	-	Grafton	56	-	-	-	Above mangrove limit
Swan Lake Inlet	Swan Lake		Sussex Inlet	56	-	-	-	Entrance usually closed - no mangroves
Sweeneys Creek	Clarence River	-	Tucabia	56	-	-	-	Above mangrove limit
Table Creek	Table Creek	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance often closed
Tabourie Creek	Tabourie Lake	12/11/96	Tabourie	56	-	-	-	Entrance often closed - no mangroves
Tandingulla Creek	Shoalhaven River	9/7/02	Berry	56	285489	6143710	16.3	4m high mangroves on both banks 5m downstream from floodgates
Tallow Creek	Tallow Creek	17-24/7/97	Byron Bay	56	559944	6827537	1.6	Mangroves sparse 1.3km downstream from Byron to Lennox Head road
Tarban Creek	Parramatta River	14/1/02	Parramatta River	56	327514	6254390	16.3	Left bank 10m, high 80m downstream from old weir
Tarback Creek	Smiths Lake		Wootton	56	-	-	-	No mangroves in lake system
Taylors Arm	Nambucca River	28/1/98	Macksville	56	485104	6601858	26.3	Southern bank 4.1km downstream from Boatharbour Bridge
Teagues Creek	Nambucca River	16/11/01	Macksville	56	498194	6607928	3.9	Mangrove 6m high centre of waterway, 575m upstream from Nambucca River

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Teatree Creek	Swan Lake	3/6/97	Sussex Inlet	56	-	-	-	Entrance usually closed - no mangroves
Teatree Creek (Shallow Bay)	Wallis Lake	5/9/00	Coolongolook	56	447185	6433639	11.5	Large mangroves in poor condition 1.1km upstream from Shallow Bay
Teatree Creek (Wallingat River)	Wallis Lake	29/9/99	Wootton	56	443405	6421709	32.0	600m upstream from Wallingat River
Telegraph Creek	Jervis Bay	24/6/01	Sussex Inlet	56	-	-	-	Entrance often closed – no mangroves
Terania Creek	Richmond River	-	Casino	56	-	-	-	Above mangrove limit
Termeil Creek	Termeil Lake	31/7/00	Tabourie	56	-	-	-	Entrance often closed - no mangroves
The Basin	Hawkesbury River	6/12/01	Broken Bay	56	340804	6280240	6.1	Mangroves extend to this vicinity at western end of The Basin
The Branch River	Port Stephens	10/8/99	The Branch	56	407055	6399319	43.5	Mangroves on downstream side of causeway
Throsby Creek	Hunter River	17/5/00	Wallsend	56	382810	6357954	7.2	Upstream point of island just downstream from Styx Creek
Tiembula Creek	Lake Macquarie	17/12/01	Catherine Hill Bay	56	367375	6330264	20.9	Left bank 1m high, 750m upstream from Chain Valley Bay
Tilligerry Creek	Port Stephens	12/8/99	Williamtown	56	398795	6371409	33.0	Mangroves on downstream side of floodgates
Tilly Willy Creek	Nambucca River	6/6/00	Macksville	56	491204	6602003	14.6	Mangroves to this vicinity, 100m upstream from Taylors Arm Road bridge
Tomaga River	Tomaga River	1/8/00	Mogo	56	242824	6035041	9.8	Left bank 4m high, 80m upstream from Mogo Creek
Tomahawk Creek	Clyde River	1/8/00	Mogo	56	-	-	-	Above mangrove limit
Tomerong/Cockrow Creek	St Georges Basin	3/8/00	Huskisson	56	285284	6113110	15.0	Left bank 3-4m high at entrance
Tomki Creek	Richmond River	30/1/01	Tatham	56	-	-	-	Above mangrove limit
Tommy Owens Creek	Hastings River	8-10/2/99	Port Macquarie	56	480514	6528489	20.0	550m downstream from Forest Hut Road
Tommy Owens Creek	Manning River	14/5/99	Wingham	56	449004	6477419	34.8	Right bank 50m downstream from track to Kate Kellys Crossing
Toumbaal Creek	Sandon River	15/11/01	Sandon	56	529829	6719757	8.8	Left bank 4m high, 115m downstream from old timber bridge
Towamba River	Twofold Bay	23/5/97	Kiah	55	755738	5887164	3.8	Small isolated seedling on left bank, 3.6km upstream from Kiah Inlet
Towradgi Arm	Fairy Creek	5/8/00	Wollongong	56	307274	6191705	1.5	Right bank 1m high, 150m downstream from crossing on road to Surf Club
Towradgi Creek	Towradgi Creek	5/8/00	Wollongong	56	307649	6193545	1.4	Right bank 100m downstream from bridge on Pioneer Road
Tramway Creek	Woodlands Creek	31/1/02	Bulli	56	-	-	-	No mangroves
Trunketabella Creek	Tuross River	-	Bodalla	56	235664	6006616	8.5	Left bank 325m upstream from Princes Highway
Tuckean Broadwater	Richmond River	17-24/7/97	Wardell	56	539495	6794217	30.2	4m downstream from Bagotville Barrage
Tuombil Canal	Evans River	17-24/7/97	Woodburn	56	-	-	-	Mangroves all the way to Rocky Mouth Creek
Tuggerah Lake	Tuggerah Lake	5/00	Wyang	56	357035	6311515	4.8	Isolated 4m high mangrove on Chittaway Point
Tumbi Umbi Creek	Tuggerah Lake	5/00	Wyang	56	-	-	-	No mangroves
Tuross River	Tuross River	-	Bodalla	56	236434	6004711	7.5	Left bank 2.1km downstream from Princes Highway bridge
Tweed River	Tweed River	29/1/01	Murwillumbah	56	540730	6867037	28.4	Mangroves 3m high on left bank 1.9km upstream from Cane Road bridge
Twelve Mile Creek	Port Stephens	29/9-1/10/99	Karuah	56	396755	6383989	40.2	2m downstream from Old Swan Bay Road crossing
Two Mile Creek	Manning River	6/9/00	Coopernook	56	466554	6479844	16.2	Large isolated mangrove in reedy swamp, 1.1km upstream from Cattai Creek

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Unnamed Creek	Station Creek	27/6/02	Red Rock	56	-	-	-	No mangroves - above mangrove limit in Station Creek
Victoria Creek	Tilba Tilba Lake	-	Central Tilba	56	-	-	-	Entrance usually closed - no mangroves
Vineyard Creek	Parramatta River	20/7/00	Parramatta River	56	317394	6256720	28.8	Mature mangrove 20m upstream from pipeline
Wallagoot Lagoon	Wallagoot Lake	29/7/00	Wolumla	55	-	-	-	Entrance usually closed - no mangroves
Wallamba River	Wallis Lake	29/9-1/10/99	Nabiac	56	440785	6447589	32.1	Left bank 10m downstream from Clarksons Crossing
Wallah Creek	Tuggerah Lake		Dooralong	56	-	-	-	Above mangrove limit
Wallingat River	Wallis Lake	29/9/99	Wootton	56	444065	6421549	32.0	600m upstream from Teatree Creek
Wallis Creek	Hunter River	16/5/00	Maitland	56	-	-	-	Above mangrove limit
Wallis Creek	Port Stephens	18/5/00	Morna Point	56	412635	6375419	21.4	Mangrove 1m high on left bank, 50m downstream of road
Wallis Creek	Wallis Lake	29/9/99	Pacific Palms	56	454185	6421129	19.8	350m downstream from bridge on Kookie Avenue
Walshs Creek (Downstream)	Richmond River	30/1/01	Tatham	56	-	-	-	Above mangrove limit
Walshs Creek (Upstream)	Richmond River	30/1/01	Tatham	56	-	-	-	Above mangrove limit
Wamban Creek	Moruya River	-	Moruya	56	-	-	-	Above mangrove limit
Wamberal Lagoon	Wamberal Lagoon	5/00	Gosford	56	-	-	-	No mangroves
Wandandian Creek	St Georges Basin	3/6/97	Huskisson	56	276949	6112090	14.7	Two mangroves on right bank near entrance to Tullarwalla Lagoon
Wanderer Creek	Wooli Wooli River	27/8/97	Pillar Valley	56	519854	6699562	13.9	250m downstream from ford on Colletts Crossing Road
Wang Wauk River	Wallis Lake	29/9-1/10/99	Coolongolook	56	436475	6442189	23.2	On side channel backwater on left bank, 460m downstream from Highway bridge
Wapengo Creek	Wapengo Lake	13/3/01	Brogo	55	767808	5946804	7.2	0.5m high solitary mangrove, 50m upstream of bridge, 5m off right bank
Warrell Creek	Nambucca River	28/1/98	Macksville	56	493754	6599398	21.6	Left bank 2.2km downstream from Pacific Highway bridge
Warwiba Creek (East)	Manning River	14/12/01	Cundletown	56	457584	6463449	9.2	Right bank 2m high 140m downstream from Old Bar Road
Warwiba Creek (West)	Manning River	15/5/99	Cundletown	56	457469	6463489	9.1	Right bank 150m downstream from Old Bar Road
Washerwomans Creek	Washerwomans Creek	8/7/02	Sussex Inlet	56	-	-	-	No mangroves
Water Creek	Clyde River	30/1/02	Nelligen	56	243709	6052406	20.0 ⁶	Left bank seedling, 550m upstream from Cyne Malloves Creek
Waterfall Creek	Clyde River	1/8/00	Nelligen	56	241429	6040466	10.0 ⁶	Left bank group of seedlings, 2.4km upstream from Deep Creek
Waterloo Creek	Camden Haven River	12-13/5/99	Grants Head	56	479329	6503959	12.3	Left bank 340m upstream from Queens Lake
Watt Creek	Nambucca River	16/11/01	Macksville	56	495989	6605163	7.6	Right bank 3m high but will probably re-colonise upstream to tidal limit 1.8km upstream from Nambucca River
Wattamolla Creek	Wattamolla Creek	4/6/01	Otford	56	-	-	-	No mangroves
Way Way Creek	Nambucca River	16/11/01	Macksville	56	494064	6598293	20.6	Left bank 3m high, 265m upstream from Warrell Creek
Webbs Creek	Hawkesbury River	14/7/00	Lower Portland	56	310105	6304450	64.0	Left bank 200m upstream from bridge to Castle Mountain camp
Welshes Creek	Nambucca River	24/6/02	Macksville	56	485269	6602118	26.3	Right bank 1.5m high 50m upstream from Rhones Creek

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Werri Gully	Werri Lagoon	4/8/00	Kiama	56	-	-	-	Entrance constricted and often closed – no mangroves
Werri Lagoon	Werri Lagoon	3/00	Kiama	56	301535	6154829	0.80	One mangrove left bank 2.0m high 800m from entrance
Whartons Creek	Whartons Creek	10/7/02	Bulli	56	-	-	-	No mangroves
Wheeny Creek	Hawkesbury River	14/7/00	Lower Portland	56	-	-	-	Above mangrove limit
Whiteheads Lagoon	Lake Macquarie	16/12/01	Swansea	56	363650	6341004	15.8	Both banks 5m high, 40m upstream from road
Whiteman Creek	Clarence River	-	Copmanhurst	56	-	-	-	Above mangrove limit
Whittakers Creek	Lake Brou	5-8/2/97	Narooma	56	-	-	-	Entrance usually closed - no mangroves
Williams Creek	Georges River	21/7/00	Liverpool	56	312259	6240165	36.2 ³	Seedling 6m downstream from pipeline and small old weir
Williams River	Hunter River	16/5/00	Maitland	56	381645	6385579	46.0	Mangroves along downstream face of Seaham Weir
Wilson River	Hastings River	7/9/00	Telegraph Point	56	478364	6534749	25.7	Two 3m high isolated mangroves left bank 1.7km upstream from railway bridge
Wilsons River	Richmond River	17-24/7/97	Lismore	56	-	-	-	Above mangrove limit
Winding Creek	Lake Macquarie	18/5/00	Wallsend	56	372605	6355709	22.3	Right bank 20m downstream from weir
Wirra Birra Creek	Wirra Birra Creek	21/7/01	Narrabarba	55	-	-	-	No mangroves – entrance usually closed
Wollards Creek	Manning River	15/5/99	Taree	56	451089	6466274	28.1	At causeway 360m upstream from Halls Creek
Wolli Creek	Botany Bay	24/7/00	Botany Bay	56	327934	6244140	14.7 ³	Small mangrove on right bank, 80m downstream from footbridge near weir
Wollingurry Creek	Lake Illawarra	31/1/02	Albion Park	56	297839	6176420	8.2	Left bank seedling 200m upstream from Duck Creek
Wombat Creek	Nadgee River	20/7/01	Nadgee	55	-	-	-	No mangroves – entrance sometimes closed
Wonboyn River	Wonboyn River	23/5/97	Narrabarba	55	758788	5873304	5.2	In Myrtle Bay near boat ramp
Woodburn Creek	Woodburn Creek	18/7/01	Kiah	55	-	-	-	No mangroves – entrance usually closed
Woodduck Creek	Wooli Wooli River	31/1/01	Pillar Valley	56	521139	6701862	14.0	Mangroves 20m downstream of tidal limit, 2.3km upstream from Bookram Crk
Woodlands Creek	Woodlands Creek	31/1/02	Bulli	56	-	-	-	No mangroves
Woody Creek	Clarence River	-	Tyndale	56	-	-	-	Above mangrove limit
Woolgoolga Creek	Woolgoolga Lake	27/1/98	Woolgoolga	56	518434	6669158	2.0	150m downstream from bridge
Woolgoolga Creek (South)	Woolgoolga Lake	27/2/01	Woolgoolga	56	518829	6668978	2.0	Mangroves 6m high on left bank, 150m downstream from Pacific Highway
Wooli Wooli River	Wooli Wooli River	27/8/97	Pillar Valley	56	520315	6797937	16.7	300m downstream from ford
Wooloweyah Lagoon	Clarence River	-	Brooms Head	56	-	-	-	Mangroves all around lagoon
Woronora River	Georges River	21/7/00	Port Hacking	56	317154	6232000	26.9 ³	Mature tree right bank in Mill Reach, 1.0km downstream from The Needles
Worowing Waterway	St Georges Basin	3/8/00	Huskisson	56	285974	6114275	16.3	Left bank 4-5m high, 380m upstream from entrance
Wowly Gully	Jervis Bay	5/6/01	Nowra	56	292834	6126305	15.0 ⁴	1m high mangrove, 175m due east from powerline and fence line
Woy Woy Creek	Brisbane Water	5/00	Gosford	56	341449	6292640	14.0	50m downstream from crossing to settlement ponds on left bank
Wrights Creek	Hawkesbury River	14/7/00	St Albans	56	-	-	-	Above mangrove limit
Wye Creek	Lake Macquarie	5/00	Dooralong	56	360185	6330064	24.0	2.1km downstream from Summerhayes Road

Table 5.2 NSW Mangrove Limits - Alphabetical Listing (cont'd)

Creek/River	Estuary	Date	Map	Zone	Easting MGA	Northing MGA	Distance from Ocean (km)	Comment
Wyong River	Tuggerah Lake	5/00	Wyong	56	-	-	-	Above mangrove limit
Yalimbah Creek	Port Stephens	29/9-1/10/99	Karuah	56	405805	6388739	25.5	Along edge of <i>Casuarinas</i> 50m from Pacific Highway
Yatala Creek	Hawkesbury River	6/12/01	Cowan	56	331719	6281600	11.8	Left bank 1m high, 200m downstream from tidal limit
Yippin Creek	Hastings River	9/99	Wauchope	56	-	-	-	Above mangrove limit
Yorkies Gully	Clarence River	17-24/7/97	Woombah	56	-	-	-	Above mangrove limit
Yowaka River	Pambula Lake	11/12/96	Pambula	55	756093	5905934	7.2	500m downstream from Princes Highway bridge
Yowie Gully	Port Hacking	24/7/00	Port Hacking	56	325099	6231560	9.5	Small mangrove on right bank, 60m downstream from pipeline

Note 1 Distance from the ocean via Rous River

Note 2 Distance from the ocean via Leddays Creek

Note 3 Distance from the entrance to Botany Bay (a line between Cape Banks and Cape Solander)

Note 4 Distance from a line from Point Perpendicular to Bowen Island

Note 5 Distance from a line across the bay from Square Head

Note 6 Distance from the Princes Highway Bridge

6. References

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7. Glossary of Tidal Terms

Australian Height Datum (AHD) is a single reference point set by the National Mapping Council to relate all vertical measurements throughout Australia as part of the Geocentric Datum of Australia (GDA) which is now being phased in by the Intergovernmental Committee on Surveying and Mapping to unify all the different mapping datum across Australia into one homogenous datum. The Australian Height Datum is based on the Mean Sea Level.

Charted Depth is the vertical measurement of water from the ocean floor to a standard level from which the soundings printed on charts are calculated, known as Datum.

Datum is the zero reference point from which tide heights (measured up) and chart soundings (measured down) are calculated.

Depth of Water can be calculated at any given time in any given place by adding the height of the tide at that time and place to the Charted Depth as recorded on the chart for that place.

Diurnal Tides occur once a day, i.e., one high tide and one low tide on average in any one 24-hour period.

Highest Astronomical Tide (HAT) is the highest tide which can be predicted under any combination of astronomical conditions and average meteorological conditions. Higher tides can occur under extreme meteorological and oceanographic conditions.

Indian Spring Low Water (ISLW) is the lowest level to which a tide will fall under exceptional, predictable, astronomical conditions. It seldom occurs. Meteorological and oceanographic influences, which cannot be predicted, can cause the tide to fall even lower.

King Tide is a layman's term for the highest of the Spring Tides which usually occurs during the day on the New or Full Moon in January and again, at night, on the New and Full Moon in July.

Lowest Astronomical Tide (LAT) is the lowest tide which can be predicted under any combination of astronomical conditions and average meteorological conditions. Lower tides can occur.

Mean High Water Springs (MHWS) is the average level of the Spring high tides which occur on the New and Full moons.

Mean Low Water Springs (MLWS) is the average level of the Spring low tides.

Mean High Water Neaps (MHWN) is the average level of Neap high tides which occur on the Quarter moons.

Mean Low Water Neaps (MLWN) is the average level of Neap low tides.

Mean Sea Level (MSL) is the average level of the sea surface over a 19-year period, and is approximately the level where the water would settle if there were no tides.

Neap Tides are those which occur on the Quarter Moons (first or last) when the high tides are relatively small (a low 'high') and the low tides are relatively big (a high 'low').

Semi-diurnal Tides occur twice a day, i.e., two high tides and two low tides on average in any one 24-hour period. Of the two highs, one will be higher than the other (daytime in summer, night time in winter). Of the two lows, one will be lower than the other.

Slack Water is when a tidal current ceases to flow before reversing direction. It does not necessarily occur at the same time as the time of high or low tide. It is governed by geographical and hydrological influences as well as the tide itself.

Spring Tides are those which occur on the New or Full Moon when the high tides are very high (a high 'high') and the low tides are very low (a low 'low'). Not to be confused with the season also know as spring.

Tidal Current is the horizontal movement of water caused by the rise or fall of the tide.

Tidal Epoch has been set in Australia as a 20-year period (based on the Lunar Cycle of 18.6 Earth years) over which all recordings of tidal variations and influences are analysed and reviewed.

Tidal Range is the difference in height between two sequential tidal extremes (a low tide of 0.29 metres followed by a high tide of 1.63 metres will cause a tidal range of 1.34 metres, $1.63 - 0.29 = 1.34$).