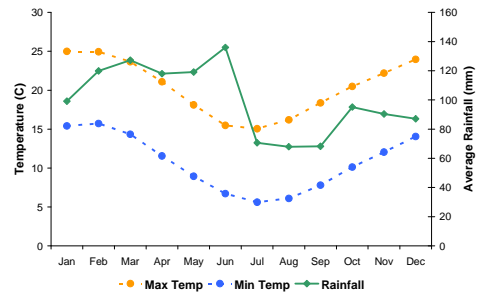


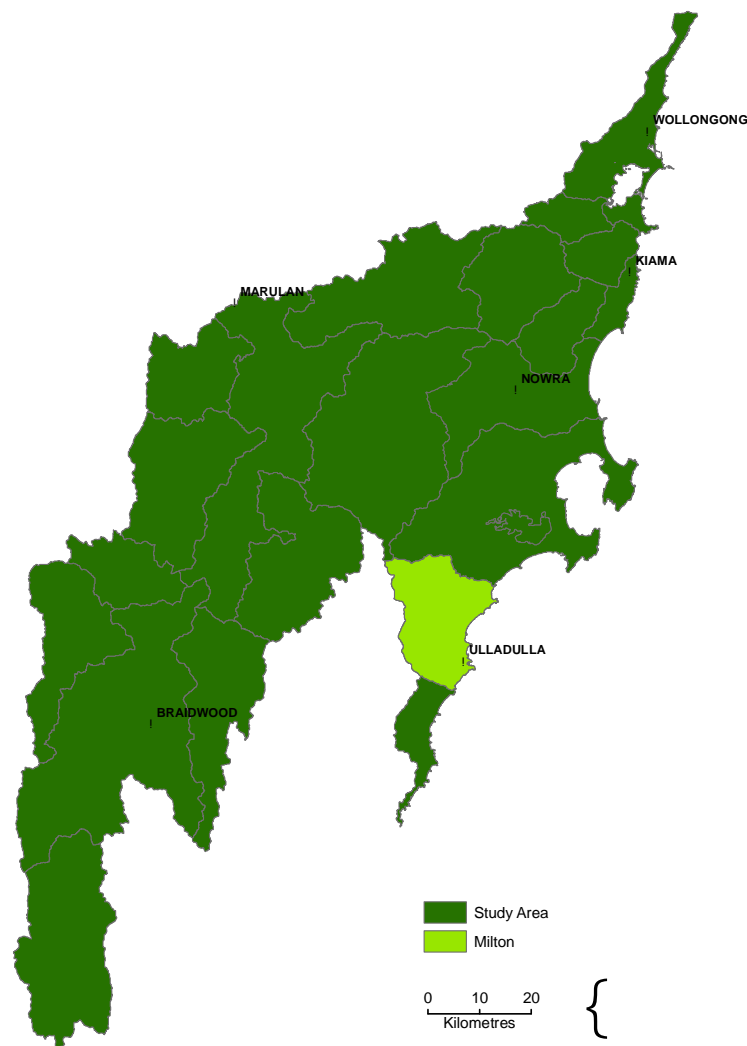
Report Card - Milton-Ulladulla

General Information

<i>Sub-catchment size</i>	338 km ²
<i>Riparian landscape area</i>	18 km ²
<i>Average annual rainfall range</i>	1090-1300 mm
<i>Median annual rainfall</i>	1200 mm
<i>Elevation range</i>	2-751 m
<i>Sub-catchment stream length</i>	1091 km
<i>Analysis area stream length</i>	769 km

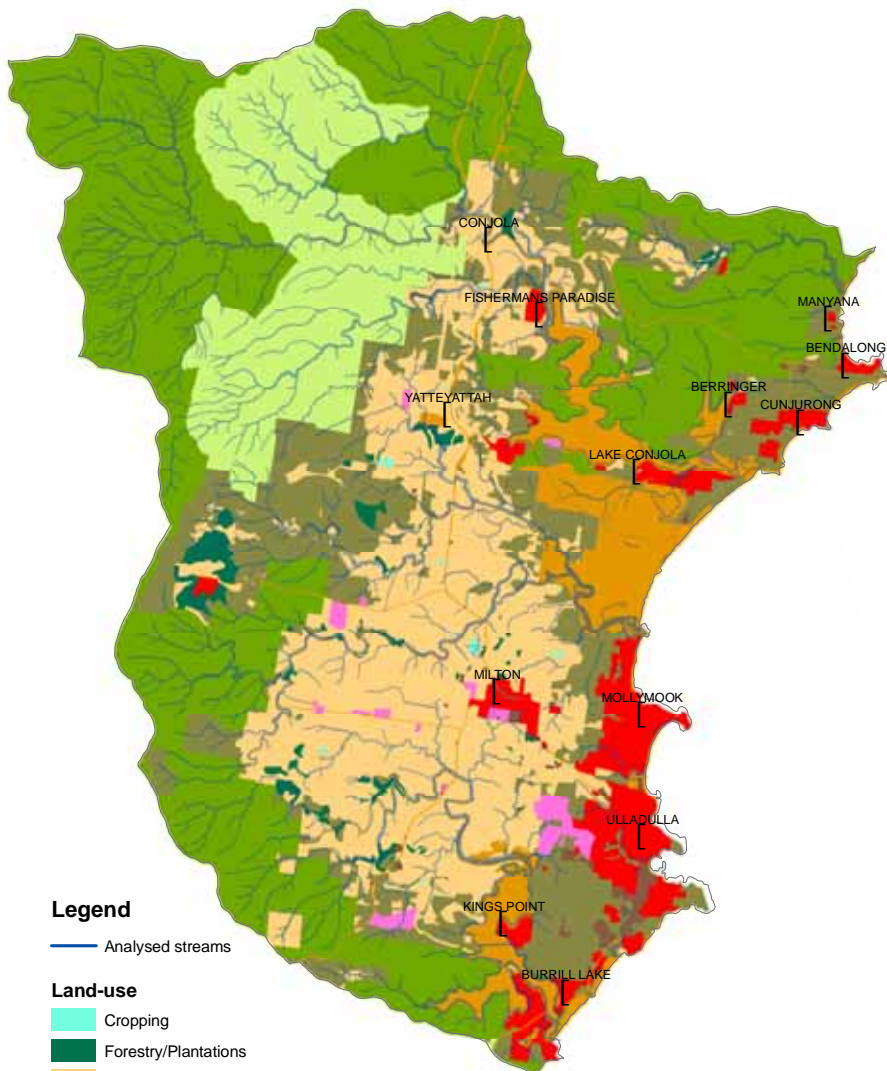


Average daily temperature and monthly rainfall data



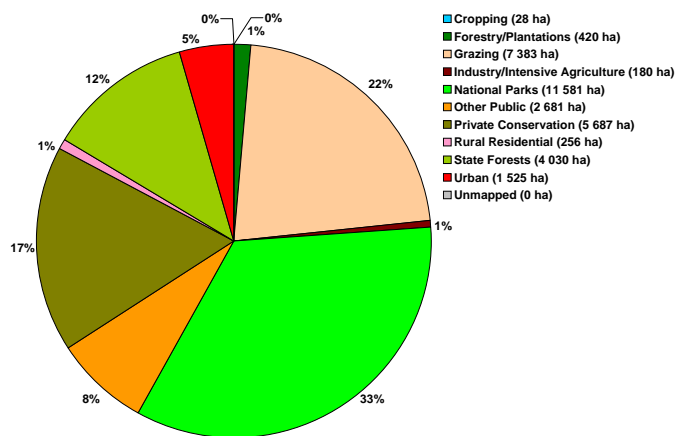
Location of Milton-Ulladulla sub-catchment within study area

Land Use



- Legend**
- Analysed streams
- Land-use**
- Cropping
 - Forestry/Plantations
 - Grazing
 - Industry/Intensive Agriculture
 - National Parks
 - Other Public Lands
 - Private conservation
 - Rural Residential
 - State Forests
 - Urban

Land use Map for Milton-Ulladulla sub-catchment

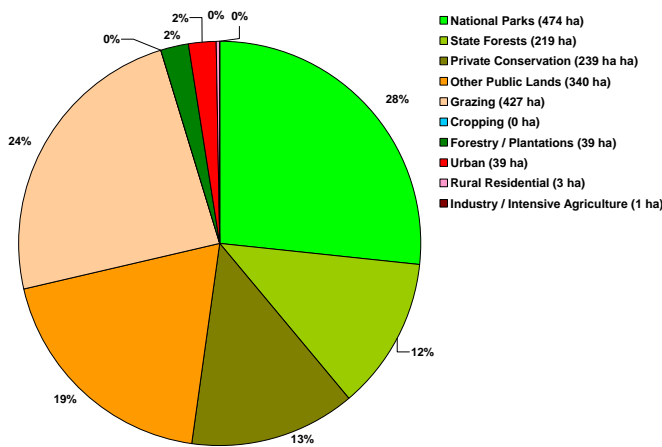


Land use within the sub-catchment

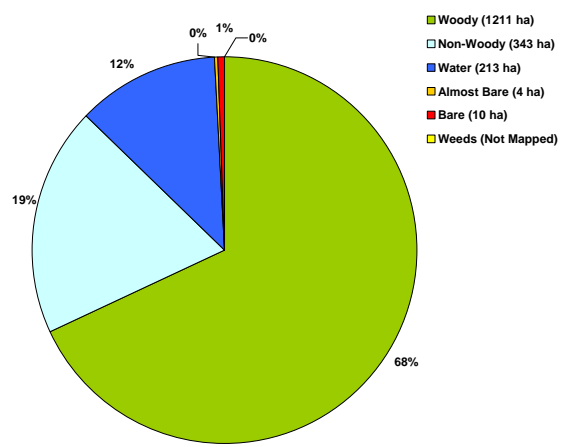
Report Card

Milton-Ulladulla Sub-catchment Riparian Zone Summary

- National Parks comprise the largest area within the riparian zone (28%).
- Woody vegetation cover dominates the riparian area comprising 68%.
- Approximately 55% of the riparian woody cover is located within National Parks and/or State Forests.



Land use within the riparian zone



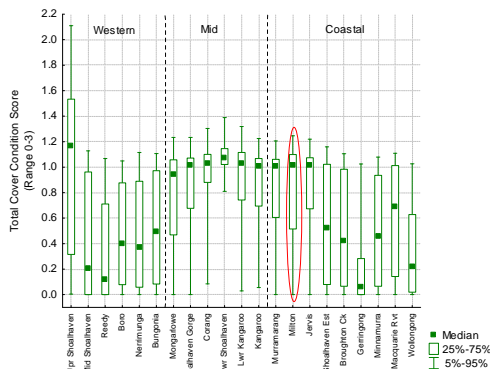
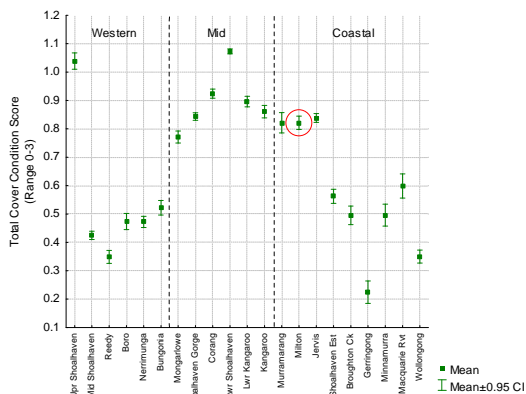
Land cover classes within the riparian zone

Cover Class by land use within the riparian zone

Cover Class	Landuse	Conservation		Other Conservation		Agriculture			Other		
		National Parks	State Forests	Private Conservation	Other Public Lands	Grazing	Cropping	Forestry / Plantations	Urban	Rural Residential	Industry / Intensive Agriculture
Woody	Area (ha)	448.0	214.5	198.0	138.0	167.8	0.1	27.9	15.0	1.5	0.6
	% of Cover Class	37.0%	17.7%	16.3%	11.4%	13.9%	0.0%	2.3%	1.2%	0.1%	0.0%
Non-Woody	Area (ha)	3.8	4.5	21.9	52.9	237.6	0.4	11.1	9.7	0.5	0.7
	% of Cover Class	1.1%	1.3%	6.4%	15.4%	69.3%	0.1%	3.2%	2.8%	0.2%	0.2%
Water	Area (ha)	22.4	0.1	18.0	142.9	17.6	0.0	0.0	11.3	0.6	0.0
	% of Cover Class	10.5%	0.1%	8.5%	67.1%	8.2%	0.0%	0.0%	5.3%	0.3%	0.0%
Almost Bare	Area (ha)	0.0	0.0	0.1	0.3	3.9	0.0	0.0	0.1	0.0	0.0
	% of Cover Class	0.2%	0.0%	3.3%	6.5%	87.7%	0.0%	0.0%	2.2%	0.1%	0.1%
Bare	Area (ha)	0.1	0.1	0.5	5.6	0.5	0.0	0.0	3.3	0.0	0.0
	% of Cover Class	0.7%	0.7%	5.0%	55.6%	4.7%	0.1%	0.0%	32.7%	0.0%	0.4%
Weeds	Area (ha)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	% of Cover Class	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Report Card - Woody cover

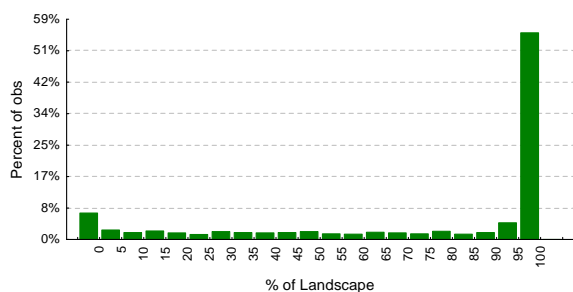
Milton-Ulladulla – Woody Cover



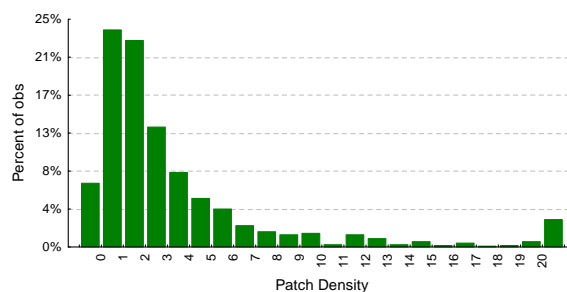
Overall Rank: 5/21
 Zonal Rank: 2/9
 (Ranks are based on
 Sub-catchment
 Woody Cover Score)

Comparison of mean median woody cover scores across study area

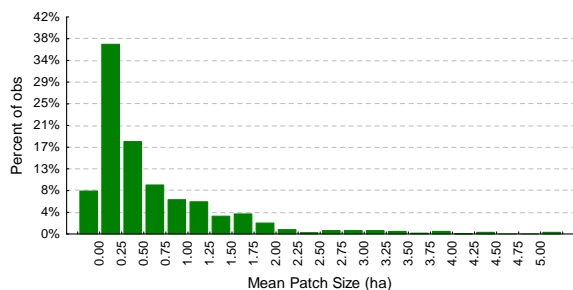
- The riparian zone in approximately 69% of the sub-catchment tiles, where woody vegetation cover is present, consists of between 50 and 100% woody cover, i.e. woody cover is very dominant in the riparian zones of these tiles. However, woody riparian cover is much less dominant in 14% of the sub-catchment tiles, where it consists of 20% or less of the riparian area within a tile.
- The moderate values of the Patch Density graph indicate moderate fragmentation while the values of the Mean Patch Size graph indicate that the woody riparian cover is less grainy.



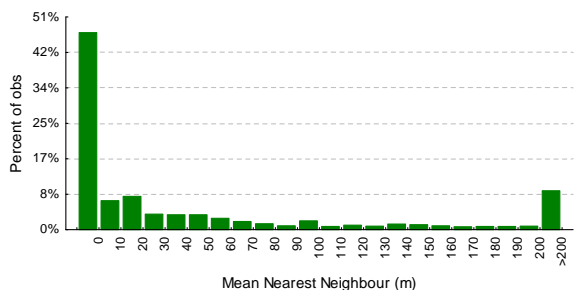
Distribution of the percentage of woody vegetation or **Percent of Landscape (PL)** within tiles in the riparian zones of the sub-catchment.



Distribution of the woody vegetation Patch Density (ha) within tiles in the riparian zones.



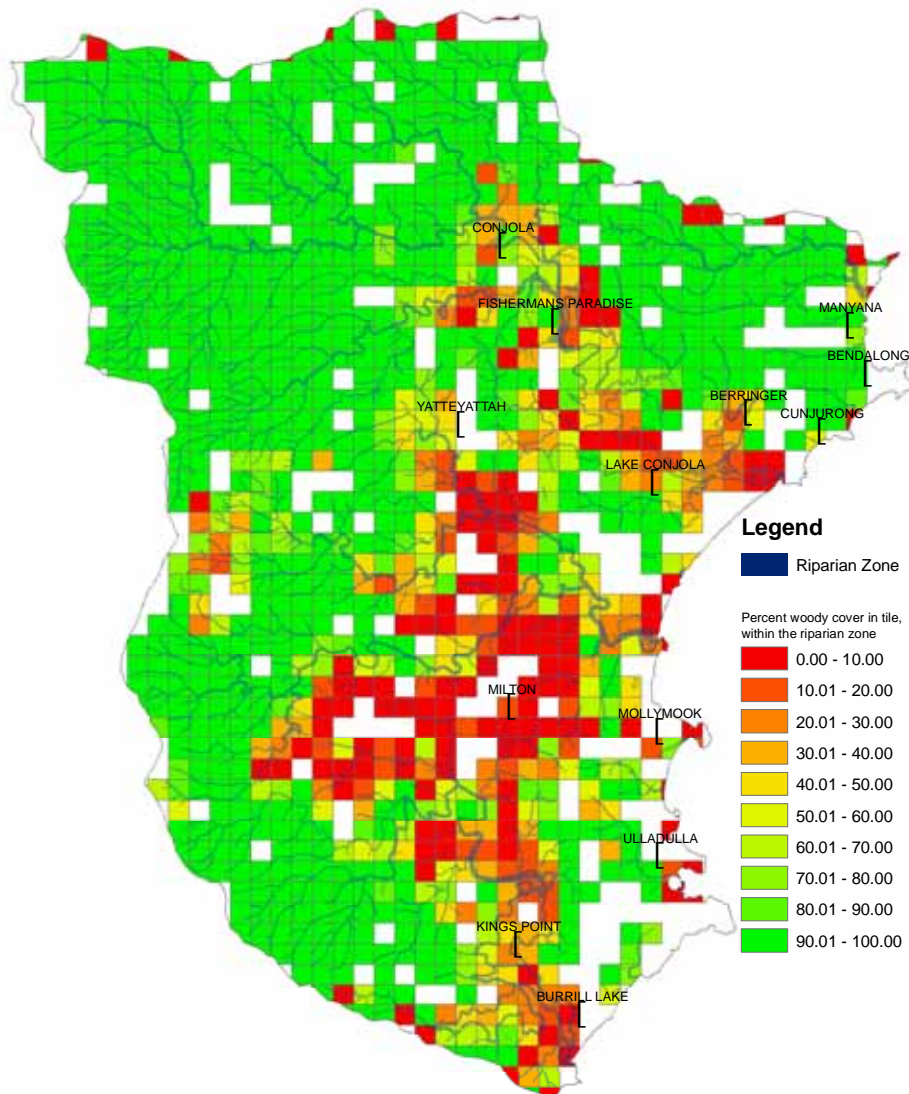
Distribution of mean patch size (ha) of woody vegetation in the riparian zones.



Distribution of the Mean Nearest Neighbour (Metres) distance between woody vegetation patches within tiles in the riparian zones.

Report Card - Woody cover

Milton Ulladulla – Woody cover

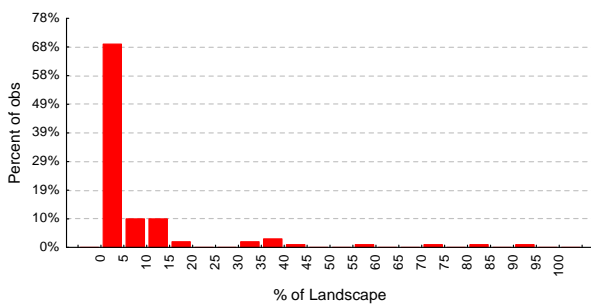


Woody cover map of Milton-Ulladulla sub-catchment

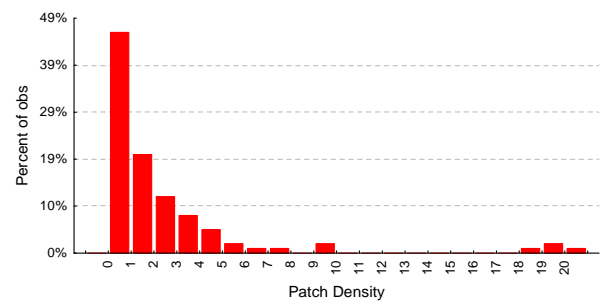
- The highest proportions of intact woody riparian cover exist mainly in the north western and eastern parts of the sub-catchment, where National Parks and State Forests are the predominant land use types. High proportions and intact woody cover also exist in riparian zones in the ranges to the west and south of the sub-catchment.
- The woody riparian cover is fragmented and less dominant in the central parts of the sub-catchment where Grazing and Urban are the predominant land use types.

Milton-Ulladulla – Bare

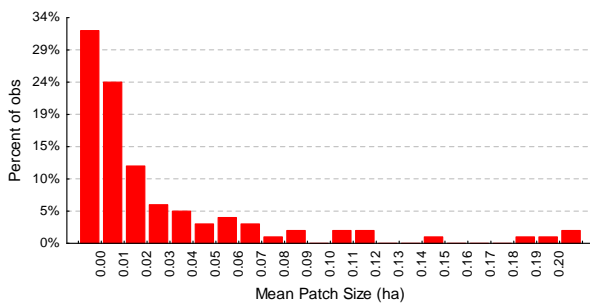
- The **% Landscape** graph shows that Bare areas generally do not dominate the riparian area in this sub-catchment. Where the Bare areas are present within tiles, they occupy 5% or less of the riparian zone in approximately 68% of the tiles.
- Bare areas are generally small as indicated by the Mean Patch Size graph.



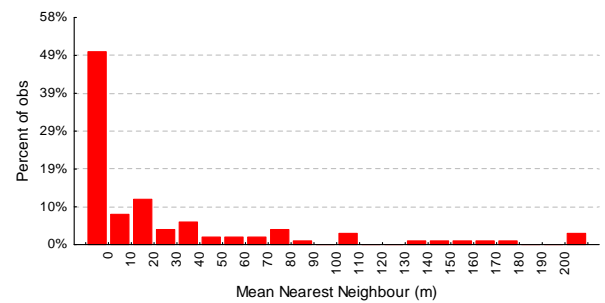
Distribution of the percentage of Bare area or Percent of Landscape (PL) within tiles in the riparian zones.



Distribution of the Bare Patch Density (PD) within tiles in the riparian zones.

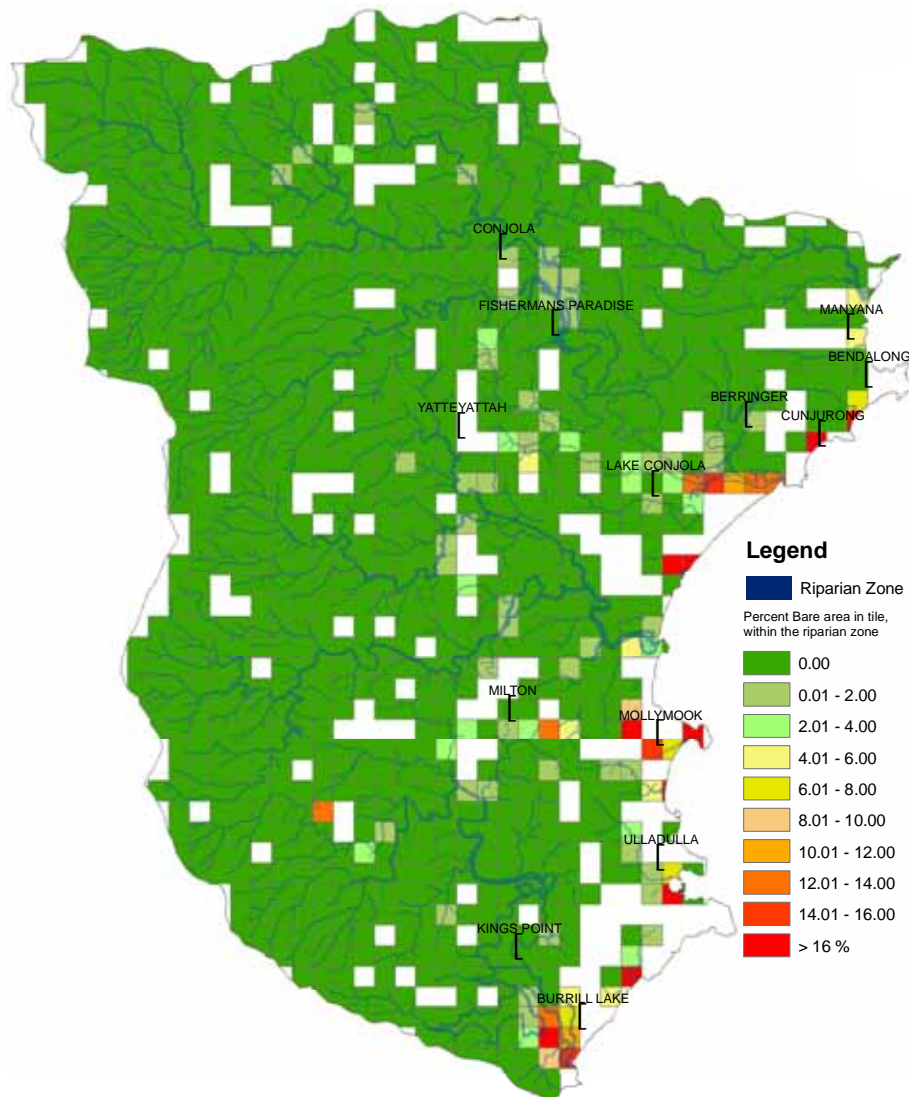


Distribution of mean patch size of Bare areas in the riparian zones.



Distribution of the Mean Nearest Neighbour (MNN) distance between Bare patches within tiles in the riparian zones.

Milton-Ulladulla - Bare



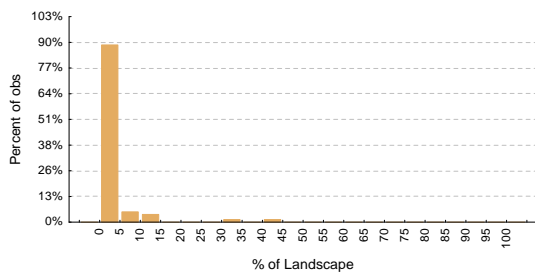
Bare map of Milton-Ulladulla sub-catchment

- Bare areas are not prevalent within the sub-catchment and where they occur they generally compose a small proportion of the riparian zone.

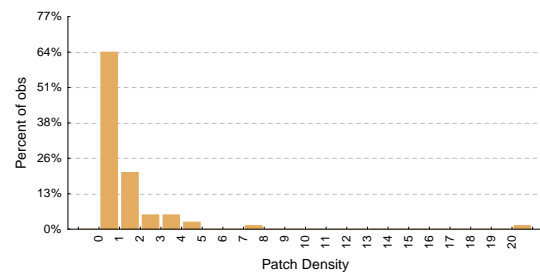
Report Card - Almost Bare

Milton-Ulladulla – Almost Bare

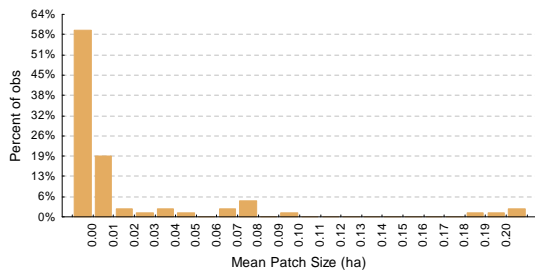
- The % **Landscape** graph shows that Almost Bare areas generally do not dominate the riparian area in this sub-catchment. Where the Almost Bare areas are present within tiles, they occupy 5% or less of the riparian zone in approximately 90% of the tiles.
- Almost Bare areas are generally small as indicated by the Mean Patch Size graph.



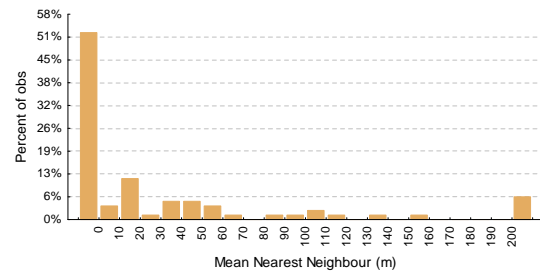
Distribution of the percentage of *Almost bare* area or **Percent of Landscape (PL)** within tiles in the riparian zones.



Distribution of the *Almost Bare* Patch Density (Ha) within tiles in the riparian zones.



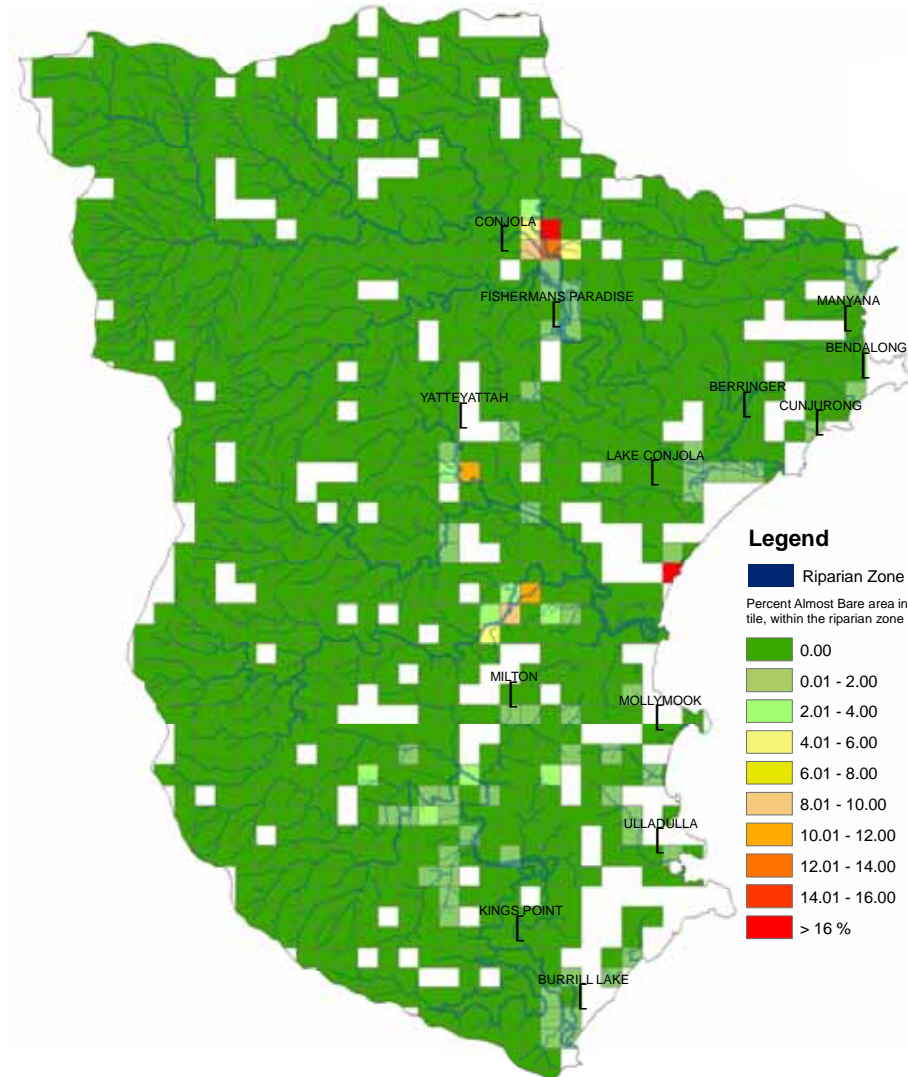
Distribution of mean patch size (Ha) of *Almost Bare* areas in the riparian zones.



Distribution of the Mean Nearest Neighbour (metres) distance between *Almost Bare* patches within tiles in the riparian zones.

Report Card - Almost Bare

Milton-Ulladulla – Almost Bare



Almost Bare map of Milton-Ulladulla sub-catchment

- Almost Bare areas are not prevalent within the sub-catchment and where they occur they generally compose a small proportion of the riparian zone.