## Total vegetation cover soil protection Region:LGA Carrathool\_(A) NSW

## **Date: November 2024**

This report describes vegetation protecting the soil surface from erosion during a chosen month compared to previous years. This report has been generated using MODIS fractional vegetation cover information available in Rangelands and Pasture Productivity (RAPP) map tool https://map.geo-rapp.org/#australia. The report is based on 500 metre pixel data on monthly time steps. Land use forest cover:

Results can be shown for the whole region (polygon), and separated by land use and forest cover classes which are likely to show different cover patterns and targets. Land use is divided into four broad classes: Conservation and natural environments, Agriculture, production native forests and plantation forests (no report), and other (no report). Agriculture is divided into grazing, crops and horticulture which are sub-divided into non-irrigated and irrigated. If forest is present land use is further divided into: non-forest, woodland forest and non-woodland forest. The area of each land use and forest class are shown as a map and chart. The report content is repeated for each land use and forest covers at least 1% of the area of the chosen region. Total vegetation Cover:

The total vegetation cover indicates where soil is likely to be protected from wind and or water hillslope erosion. Total vegetation cover for this month is shown on a map and chart classified into 4 classes.

• 71-100% High cover - protected from wind and usually water erosion (high rainfall, steep slopes, and erodible soils may need greater than 80, 90, 95 and up to 100% cover)

- 51-70% Moderate cover protected from wind erosion
- 31-50% Low cover not protected
- 0-30% Very Low cover not protected

Erosion protection: Wind erosion 50% total vegetation cover

The vegetation cover threshold required to prevent soil erosion is usually 50% to reduce wind erosion, 70% or 80% to reduce water (hillslope) erosion depending on the steepness and rainfall. Areas protected from erosion for the month:

• Map: water erosion protection (>70% cover) percentage area and hectares.

• Map: wind erosion protection (>50% cover) percentage area and hectares. Comparison with previous years:

• Map: anomaly comparing this month to the average cover from the same month in previous years.

• Map: deciles rank of month against the same month in previous years.

Anomalies and deciles until September 2019 are calculated comparing to the same months 2001 to 2019. Extra monthly data will be used to calculate anomalies and deciles post September 2019 as they become available. Time series monthly from January 2001 to current:

**Erosion protection** 

- Wind erosion protection time series: percentage of the area of the region with greater than 50% cover for each month (orange lines). Horizontal lines are 10th (cover target) and 50th percentiles.
- Water erosion protection time series: percentage of the area of the region with greater than 70% cover for each month (blue line). Horizontal lines are 10th (cover target) and 50th percentiles.

### Rainfall

• Millimetres rainfall each month (black line).

Each time series is also stacked by year. The black line shows the current year of data. Water erosion protection for higher rainfall and steeper slopes:

Water erosion protection on higher slopes. As slope increases, more cover is required to control water erosion. The thresholds reported are:

- the percentage area with pixels greater than 80% total cover.
- the percentage area with pixels greater than 90% total cover.
- the percentage area with pixels greater than 95% total cover.

### Acknowledgment of data:

- 1. http://www.agriculture.gov.au/abares/aclump/land-use/alum-classification
- 2. http://www.agriculture.gov.au/abares/forestsaustralia/sofr/sofr-2018
- 3. https://www.dpi.nsw.gov.au/agriculture/pastures-and-rangelands/establishment-mgmt/production-management2/groundcover
- 4. MODIS Fractional cover algorithm:

https://doi.org/10.4225/08/5848a3f19a7b3



# **Vegetation Cover Nov 2024**

#### Land use and forest cover

Catchment Scale

of Australia (2018)

Derived from

Use of Australia

(2018) and Forests

of Australia (2018)

Anomaly show how

many percetage points each pixel is from

the mean. That

is, red pixels are about 20% lower than the

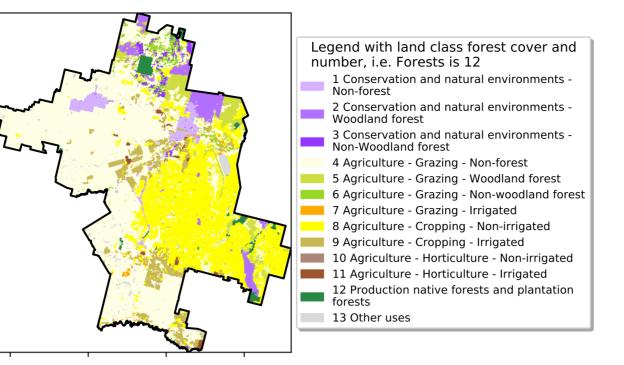
mean of that pixel. The mean is only for the

using baseline from 2001 to 2019.

month of the map

Land Use and Forests

Catchment Scale Land



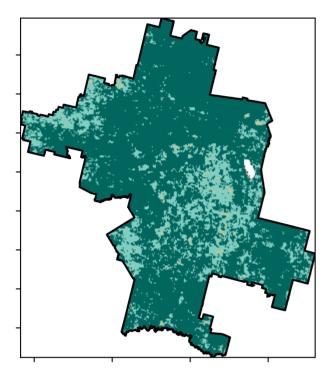
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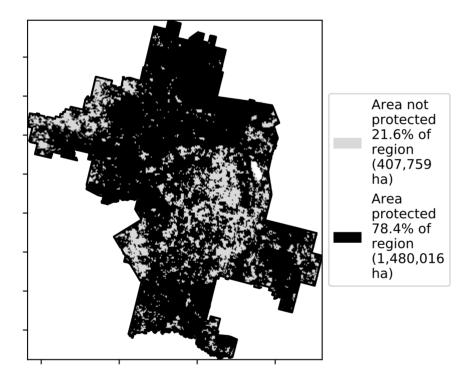
32005001

0.30%

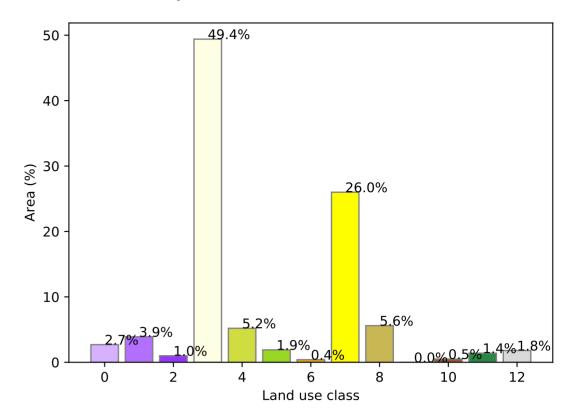
### **Total Vegetation Cover [%]**



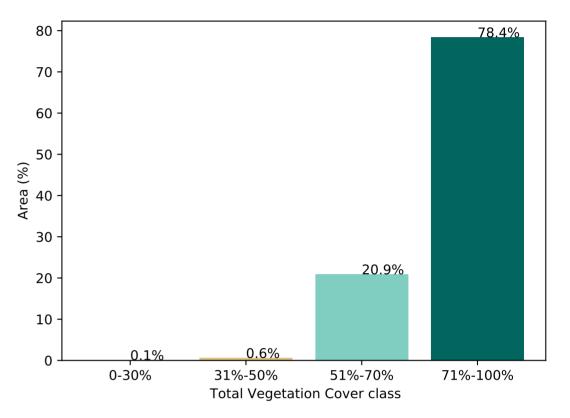
### % Area protected from water erosion (>70%)



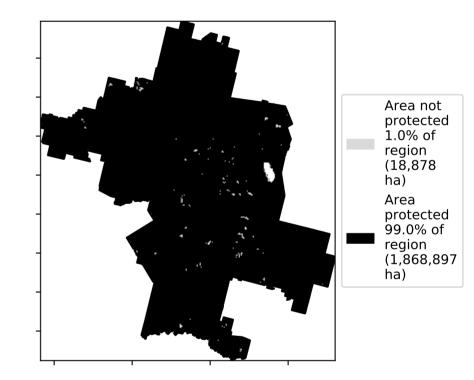
### Proportion of each land class in area



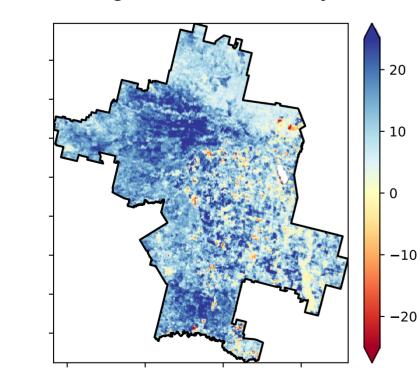
### Proportion of vegetation cover class in area



#### % Area protected from wind erosion (>50%)

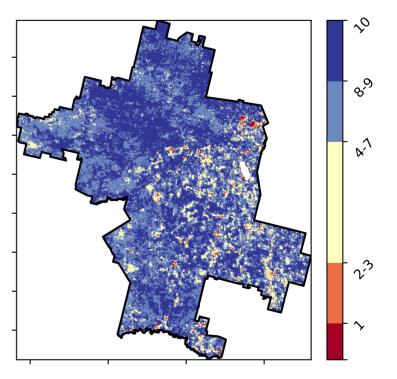


**Total Vegetation Cover Anomaly [%]** 



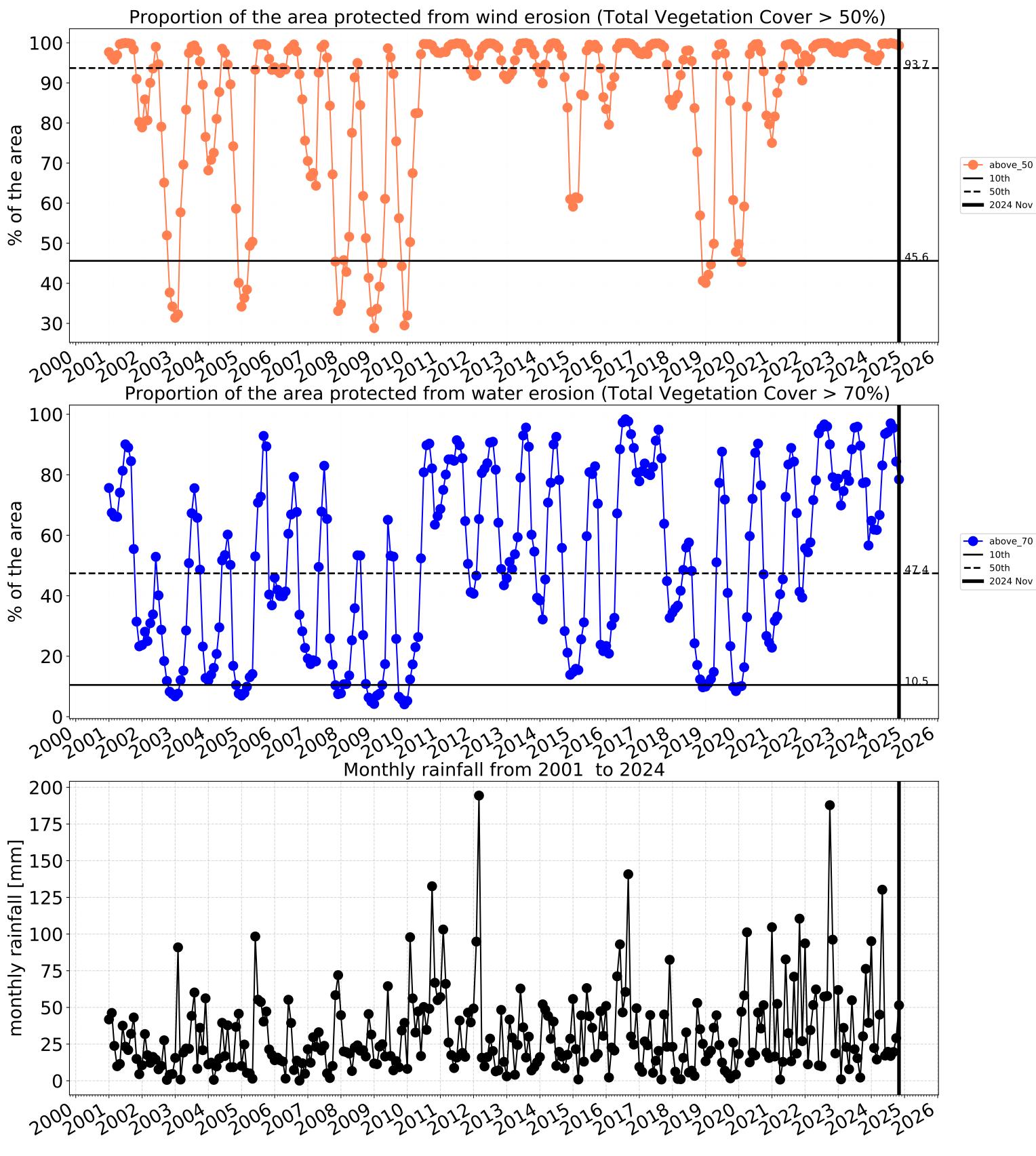
Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline

**Total Vegetation Cover Decile [%]** 

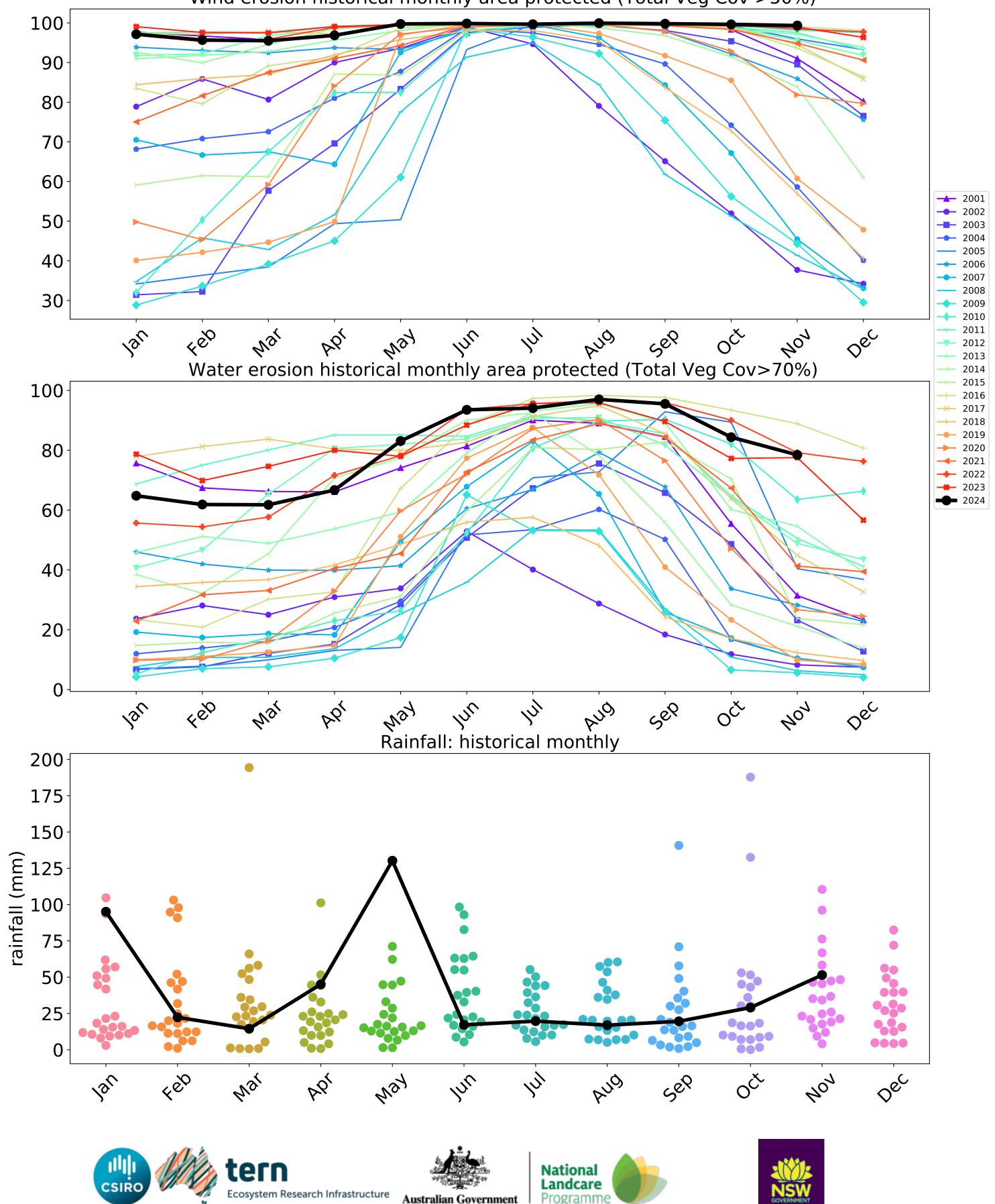




from 2001 to 2019.



Wind erosion historical monthly area protected (Total Veg Cov >50%) 100 90 80 70-60 50 40 30 lan 400 nu way 1's 06, Nal 100 -80 60 40 20 0 c.eQ 121 Way 2 200 175 150



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### **Conservation and natural environments**

Catchment Scale Land Use and Forests of Australia (2018) Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)

Anomaly show how many percetage points each

pixel is from

the mean. That is, red pixels

are about 20% lower than the

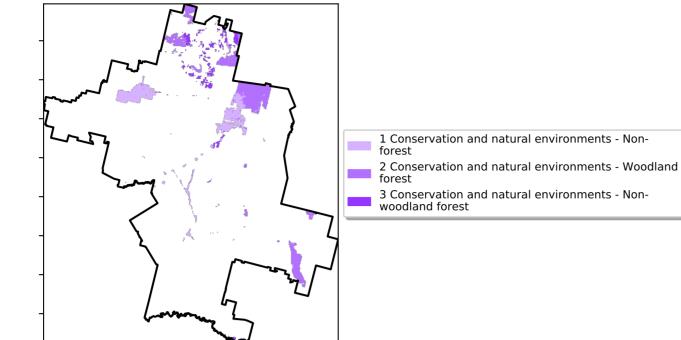
mean of that

pixel. The mean

using baseline

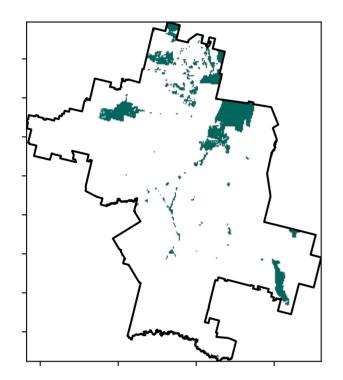
from 2001 to 2019.

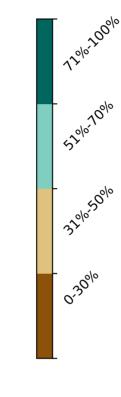
is only for the month of the map



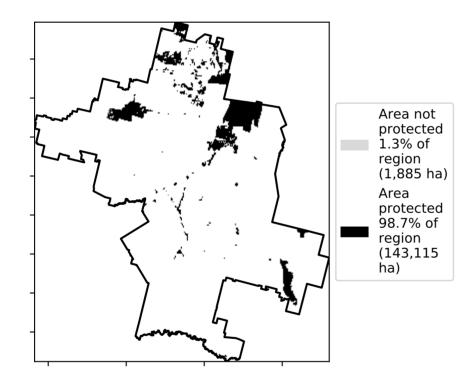
**Total Vegetation Cover [%]** 

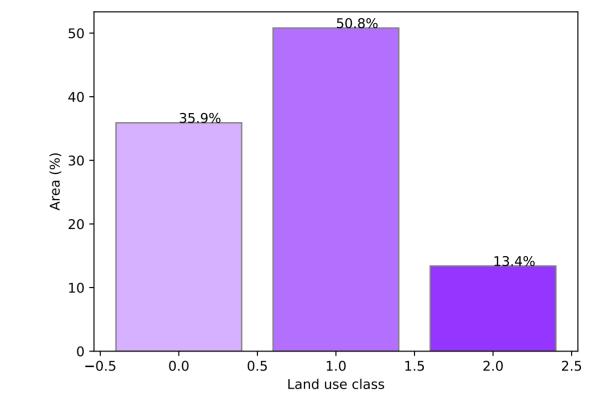
Land use and forest cover





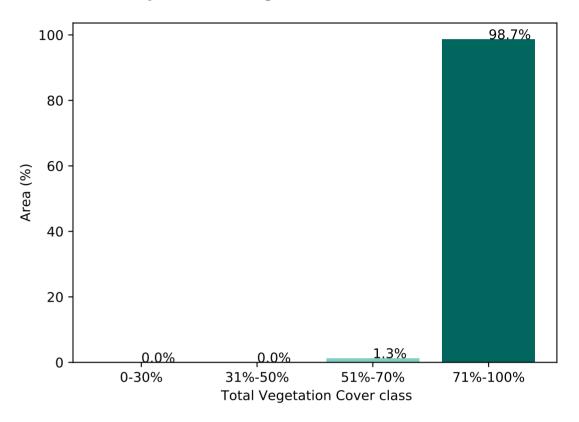
% Area protected from water erosion (>70%)



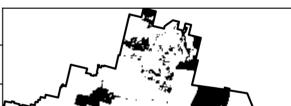


#### Proportion of each land class in area

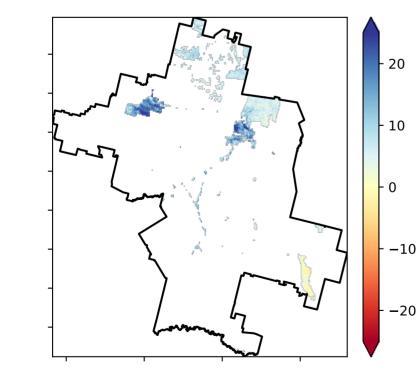
Proportion of vegetation cover class in area



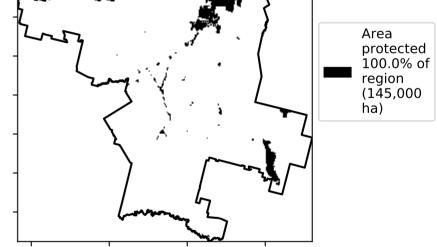
% Area protected from wind erosion (>50%)

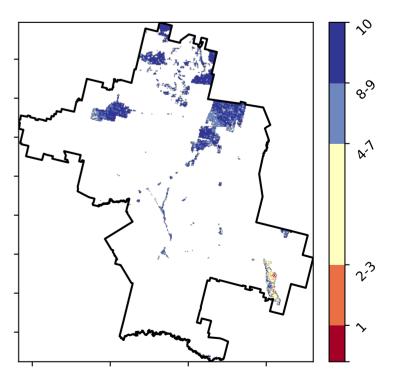


**Total Vegetation Cover Anomaly [%]** 

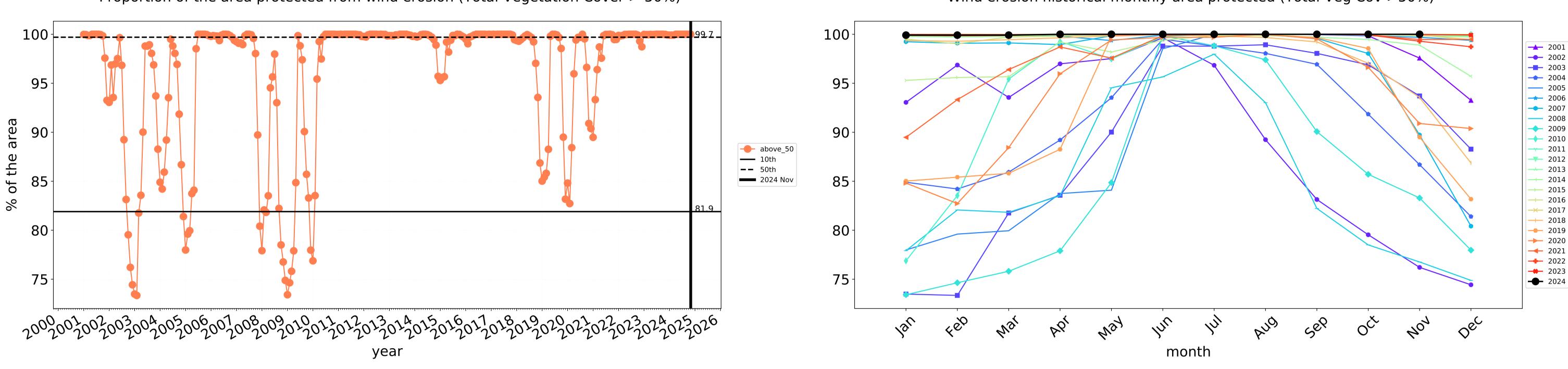


Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.



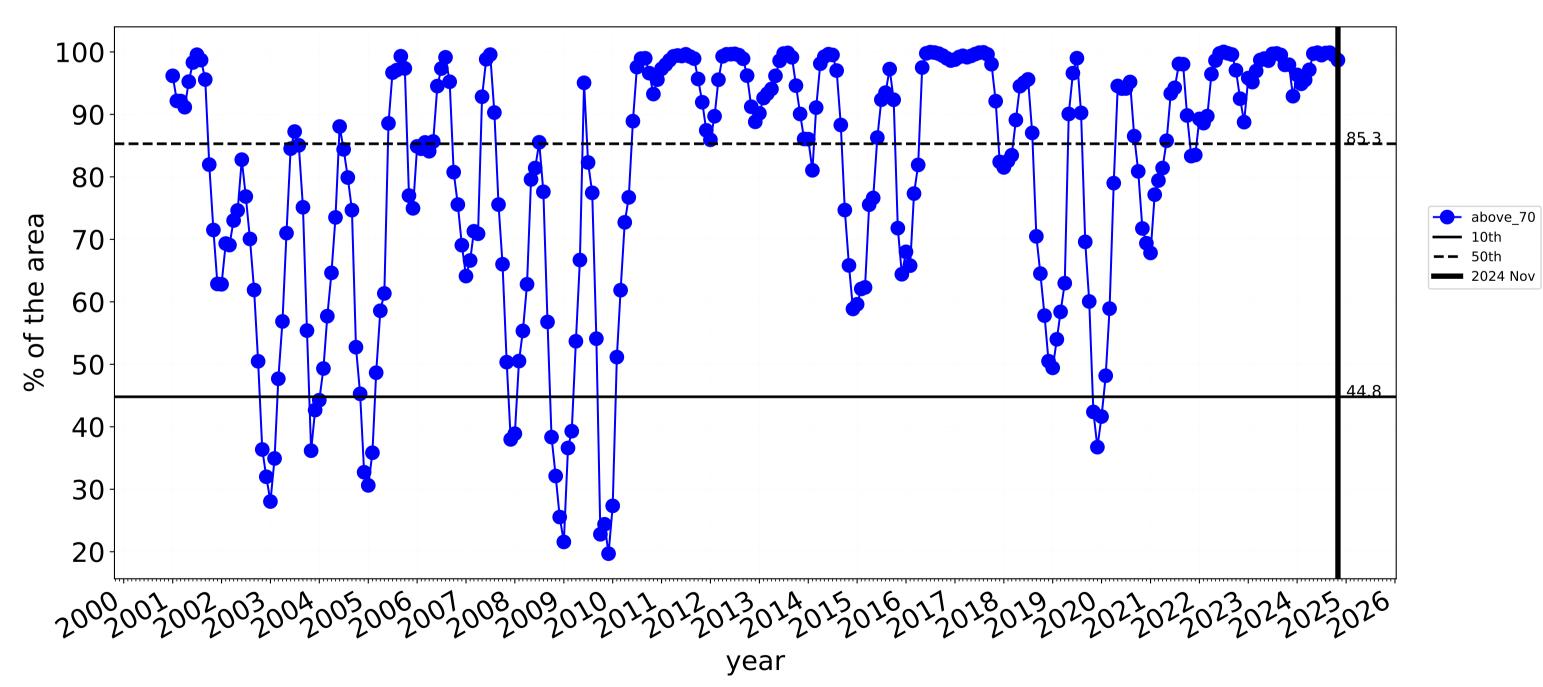




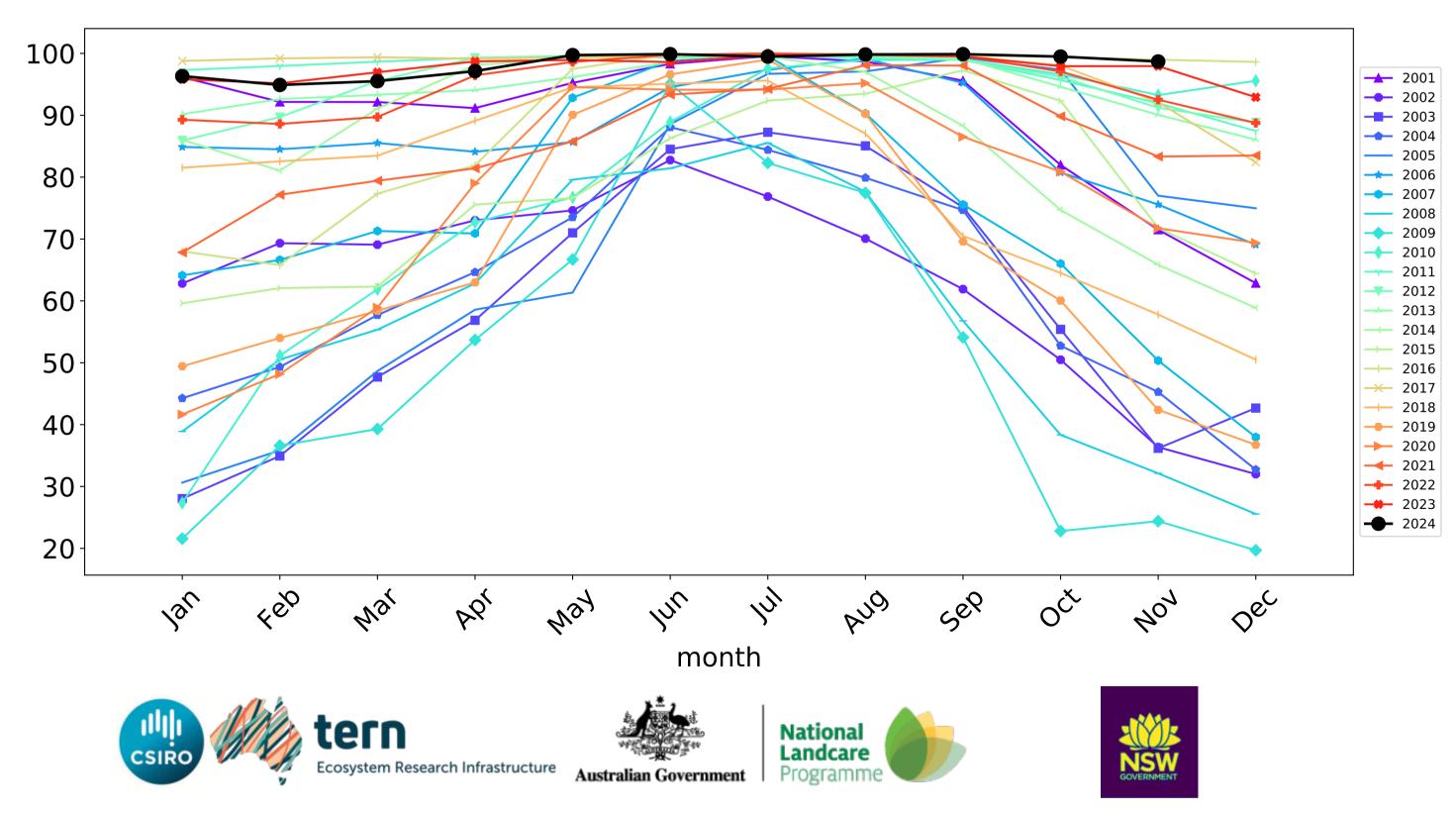


Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



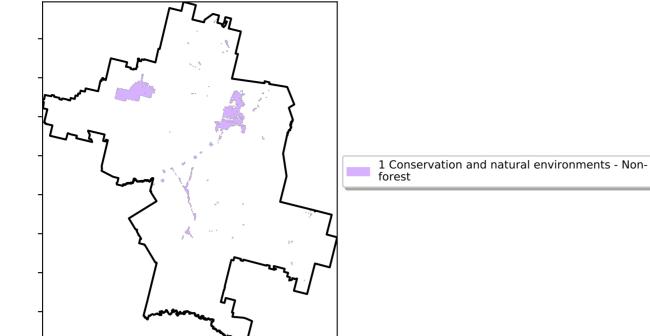


Water erosion historical monthly area protected (Total Veg Cov>70%)



### **Conservation and natural environments non forest**

Land use and forest cover



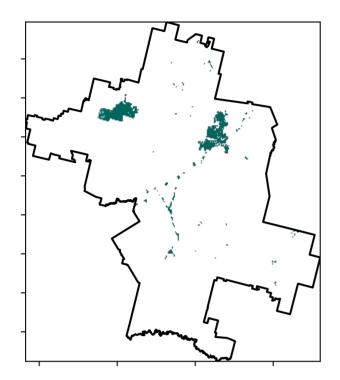
12%200%

52°1070°1

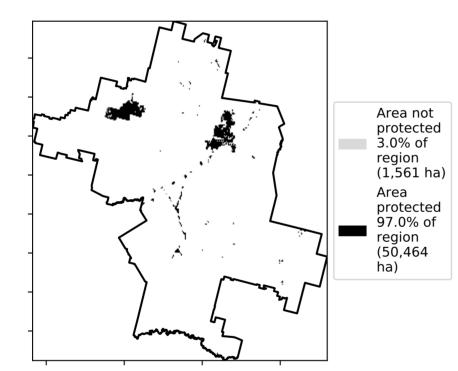
32%50%

0.30%

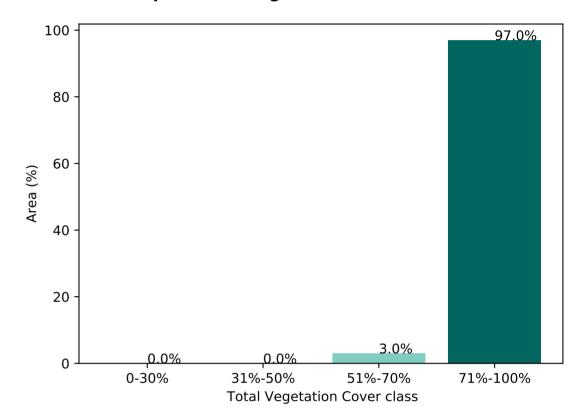
**Total Vegetation Cover [%]** 



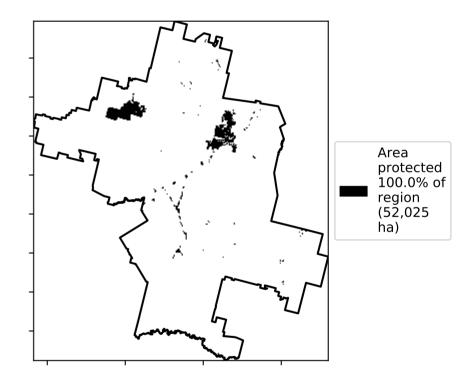


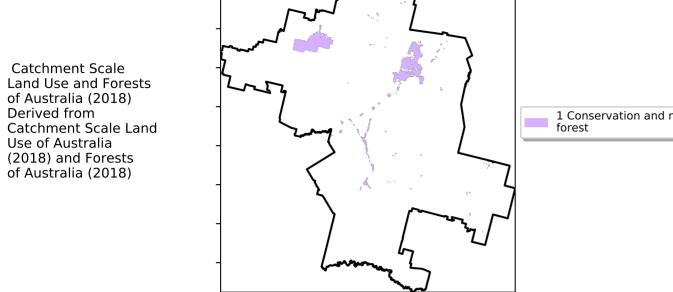


Proportion of vegetation cover class in area



% Area protected from wind erosion (>50%)





**Total Vegetation Cover Anomaly [%]** 

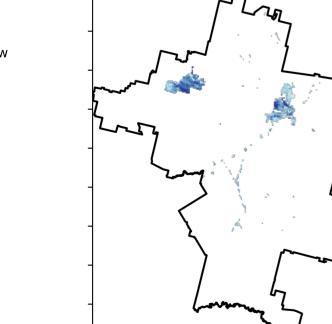
- 20

- 10

0

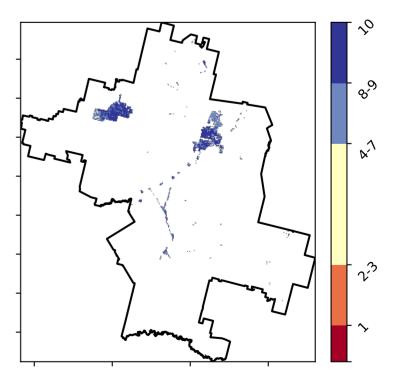
-10

-20



Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

**Total Vegetation Cover Decile [%]** 







Anomaly show how many percetage points each pixel is from the mean. That is, red pixels are about 20% lower than the mean of that pixel. The mean is only for the month of the map using baseline from 2001 to 2019.

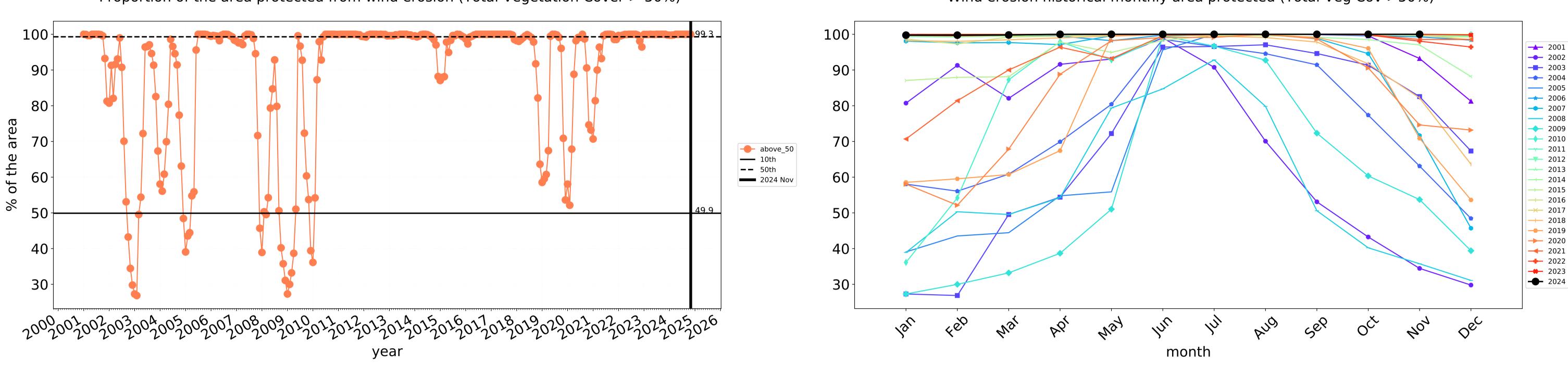
Catchment Scale

Derived from

Use of Australia

of Australia (2018)

### **Conservation and natural environments non forest timeseries**

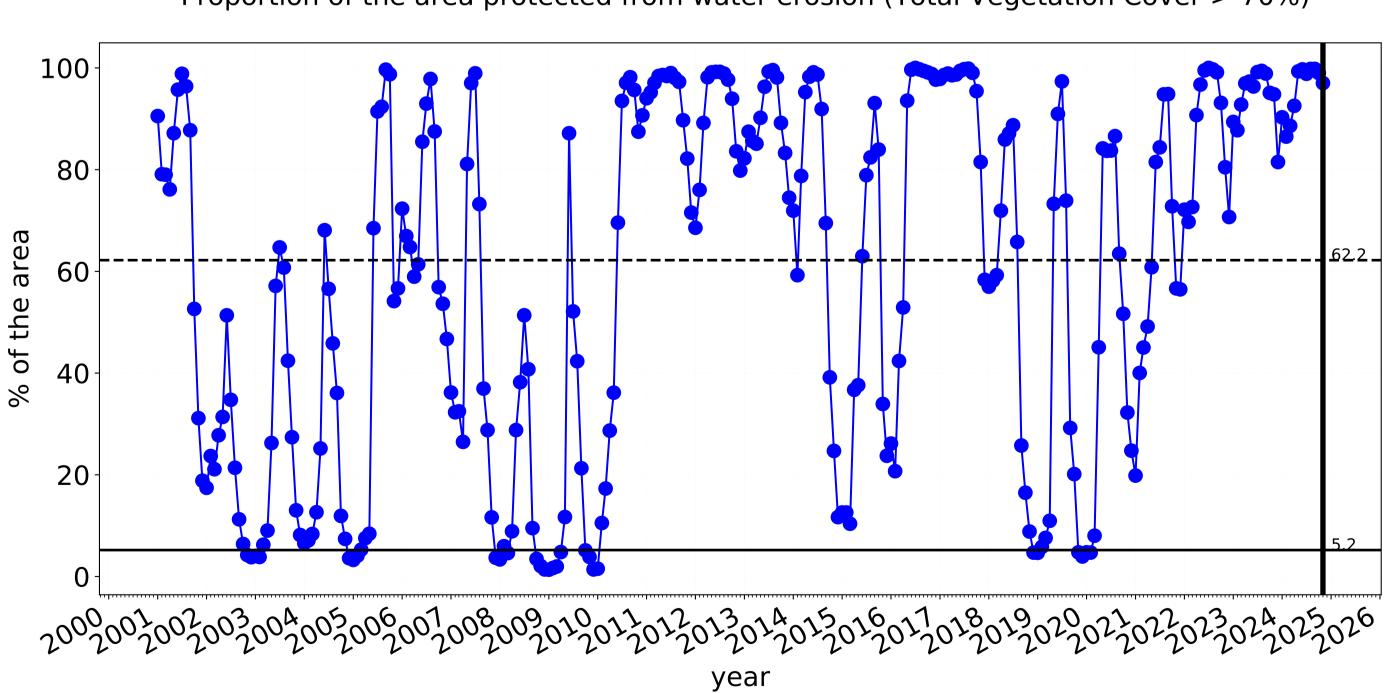


---- above\_70

**——** 10th

**——** 50th

Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)

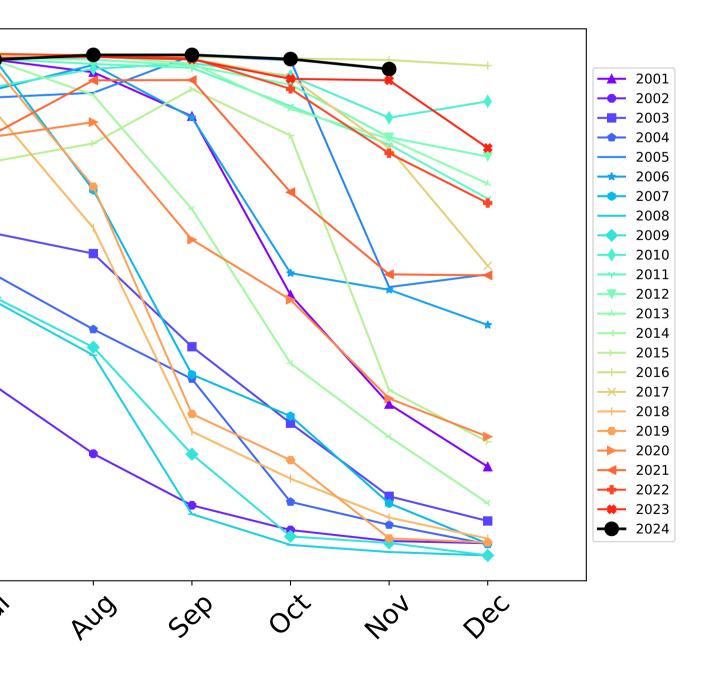


Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)

100-80 60-40 20-0-4er In lar May 1/2/ WS, <u>v6</u>, month tern Ecosystem Research Infrastructure Australian Government

3

Water erosion historical monthly area protected (Total Veg Cov>70%)

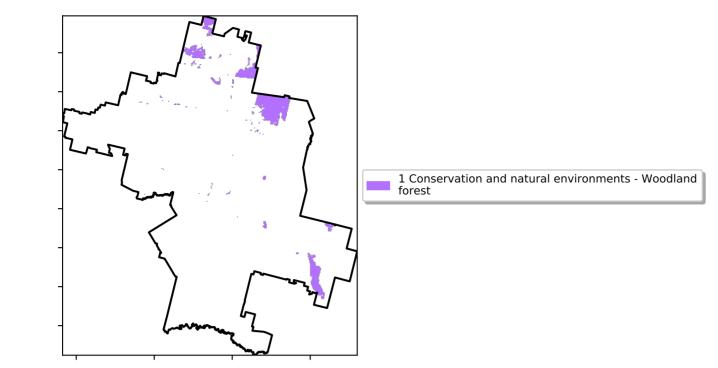






### **Conservation and natural environments Woodland forest**

Land use and forest cover



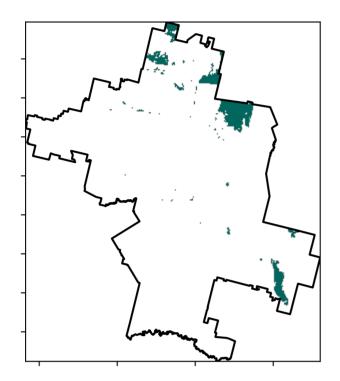
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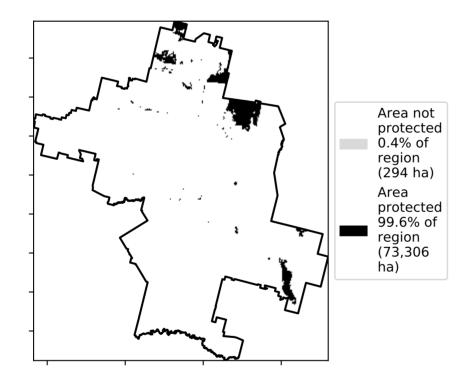
32%50%

0.30%

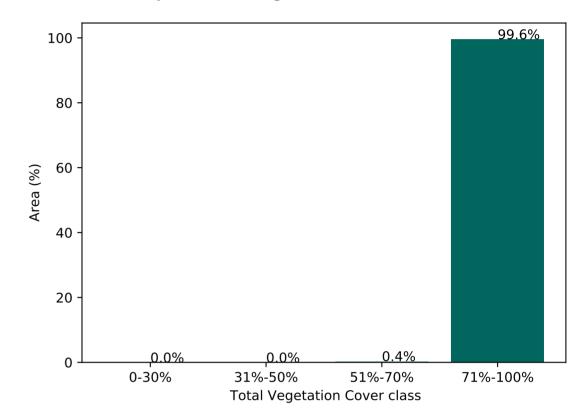
**Total Vegetation Cover [%]** 



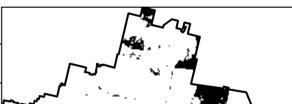






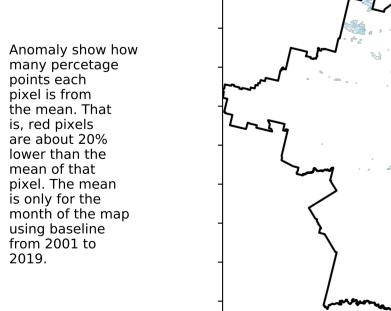


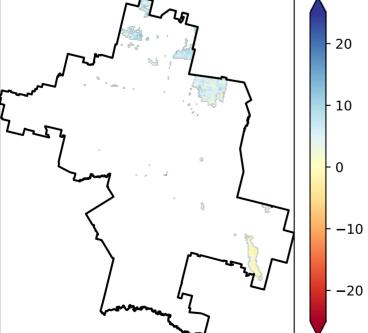
% Area protected from wind erosion (>50%)



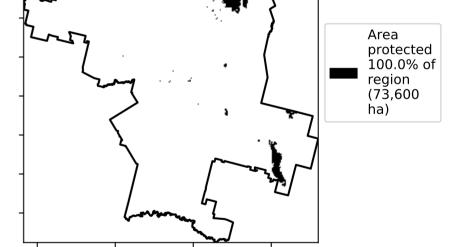
Catchment Scale Land Use and Forests of Australia (2018) Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)

**Total Vegetation Cover Anomaly [%]** 

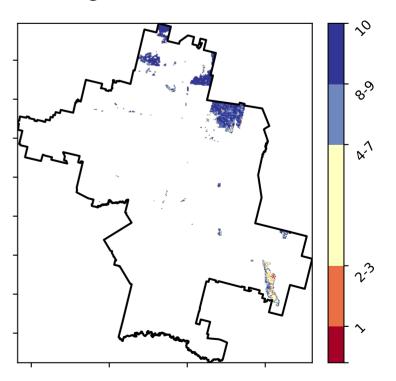




Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

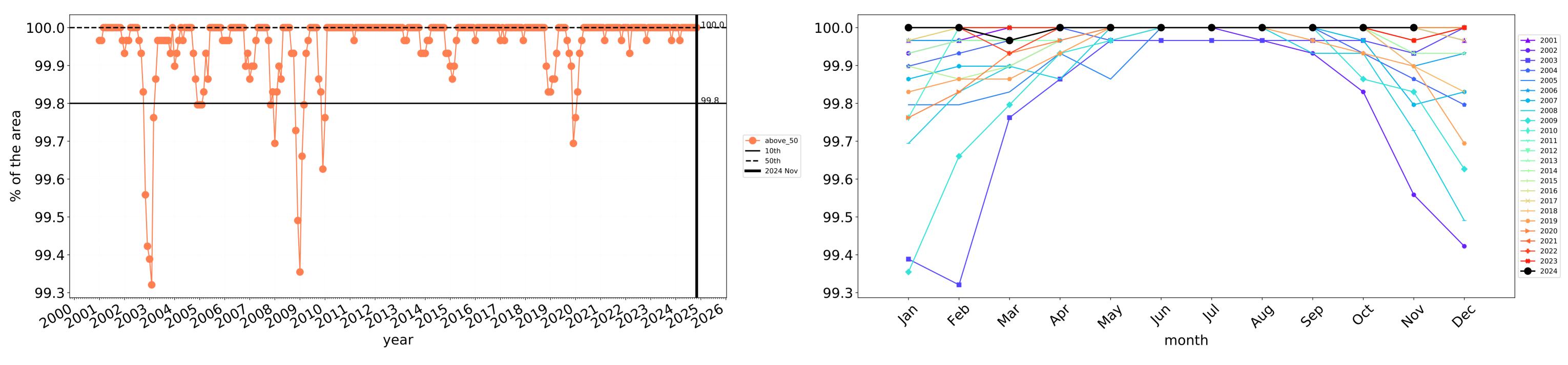


**Total Vegetation Cover Decile [%]** 



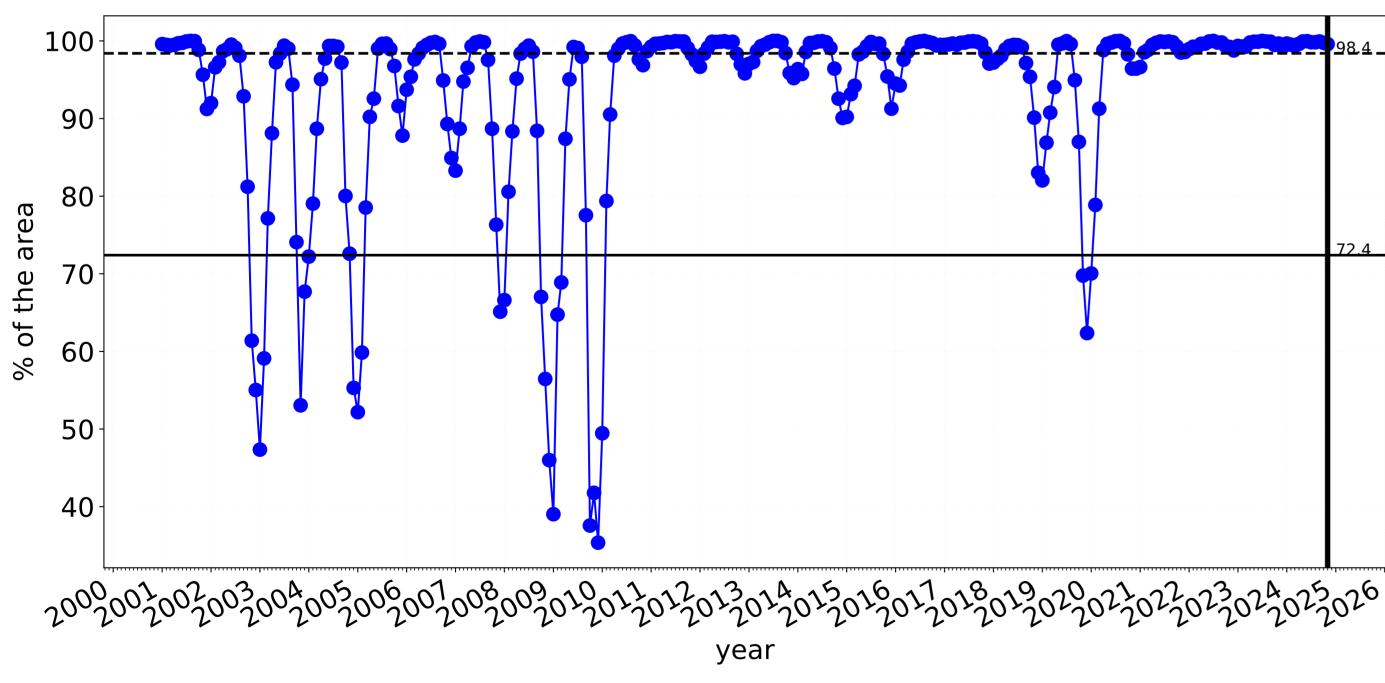


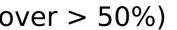
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Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)

Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)

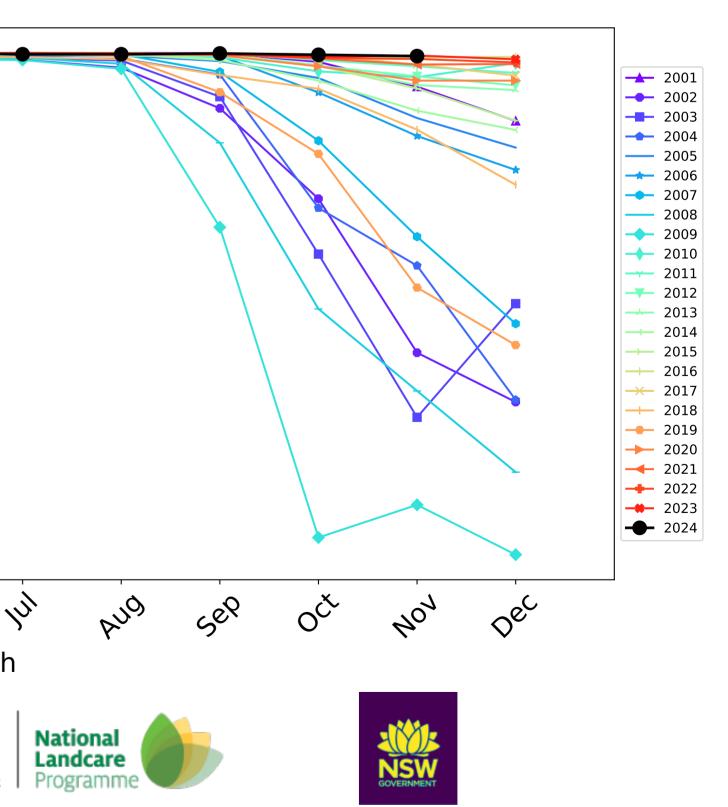




Wind erosion historical monthly area protected (Total Veg Cov >50%)

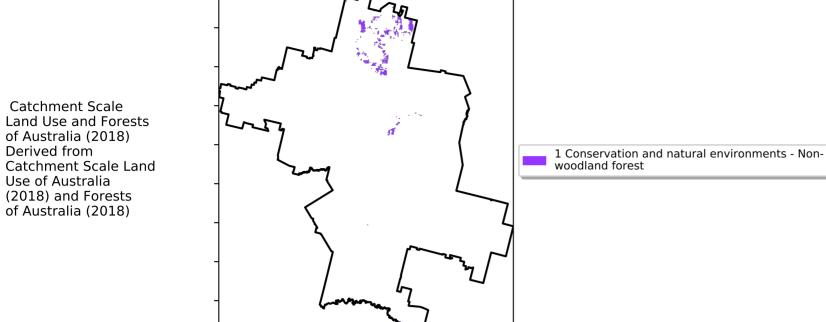
100 8.4 90 80 ---- above\_70 **—** 10th **——** 50th **—** 2024 Nov 70 60 50 40 4eb Jan way PQ In Mai month tern Ecosystem Research Infrastructure Australian Government

Water erosion historical monthly area protected (Total Veg Cov>70%)



### **Conservation and natural environments Forest (non woodland)**

Land use and forest cover



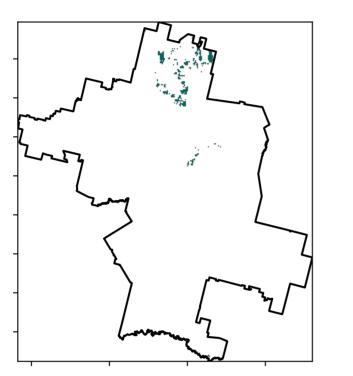
120/0

52% 70%

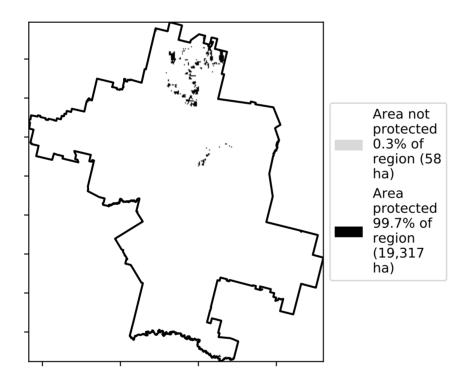
32010

0.30%

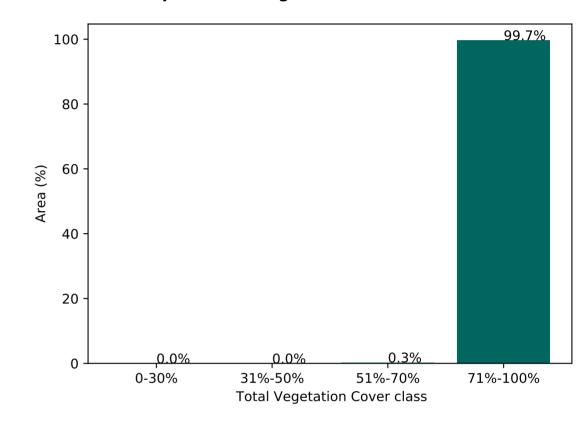
**Total Vegetation Cover [%]** 



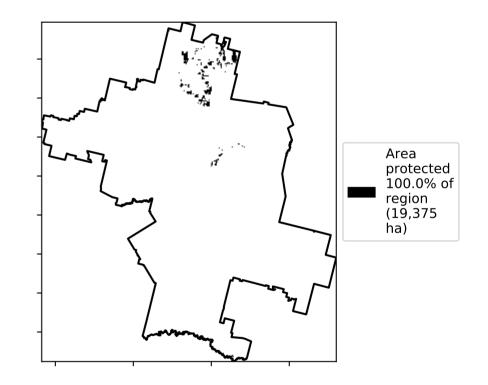
% Area protected from water erosion (>70%)



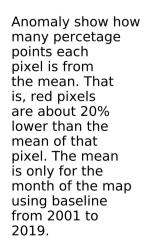
Proportion of vegetation cover class in area

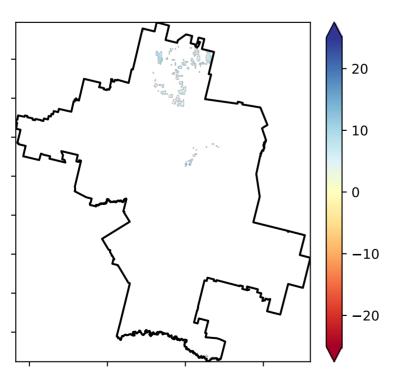


% Area protected from wind erosion (>50%)

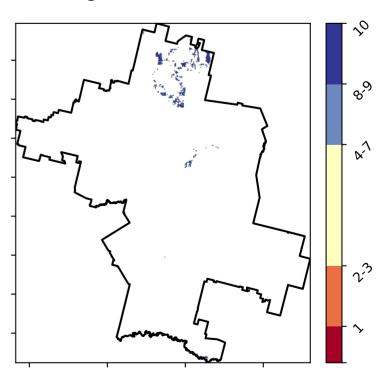


Total Vegetation Cover Anomaly [%]





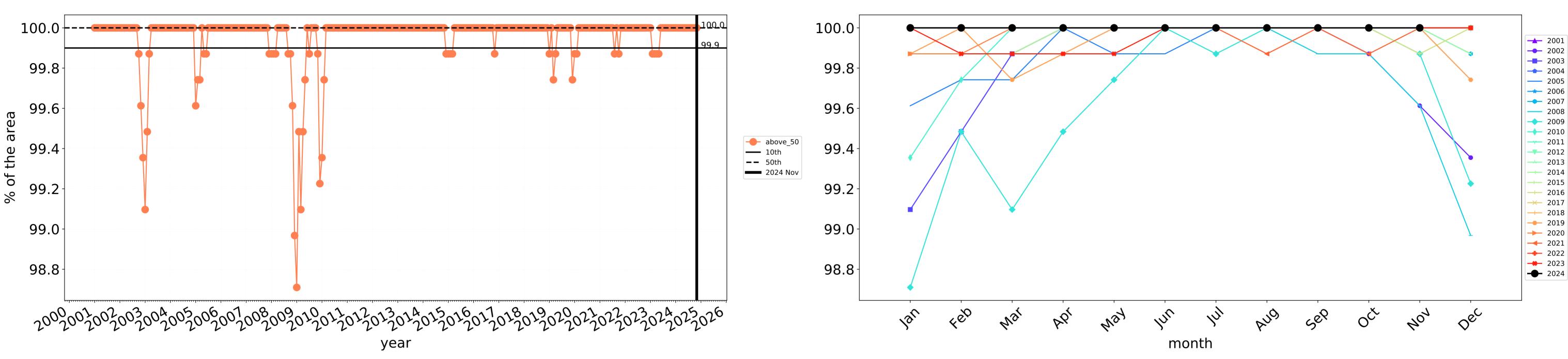
Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.





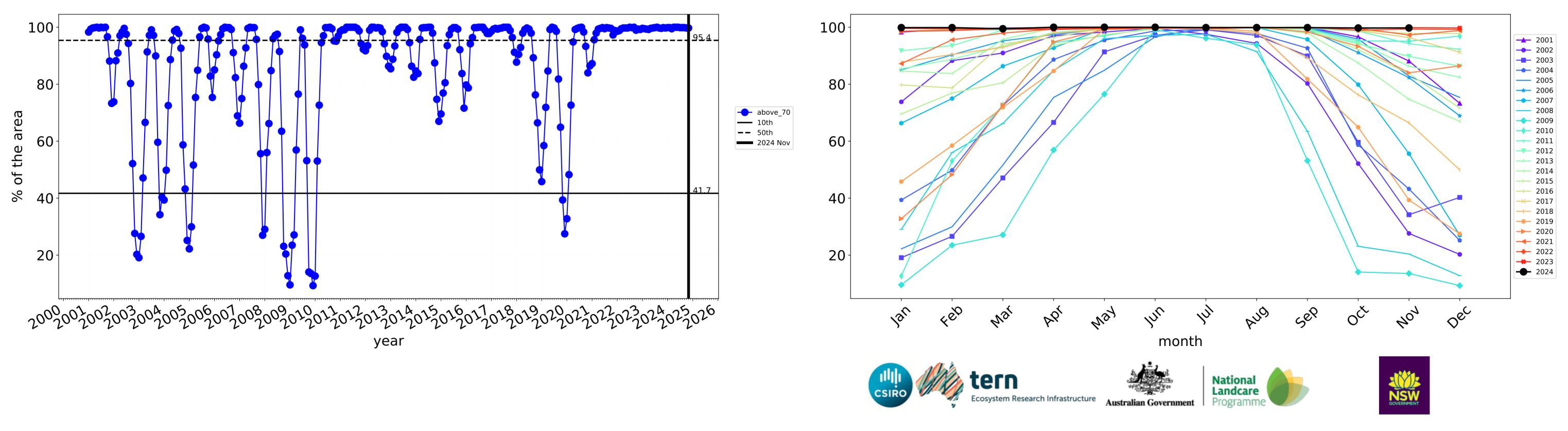


### **Conservation and natural environments Forest (non woodland) timeseries**



Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)

Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)



Water erosion historical monthly area protected (Total Veg Cov>70%)

Wind erosion historical monthly area protected (Total Veg Cov >50%)

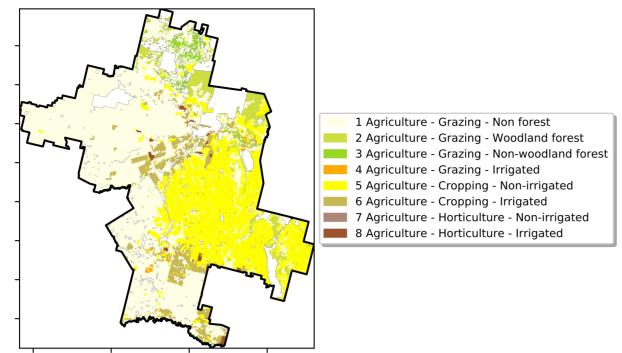
### Agriculture

Catchment Scale Land Use and Forests of Australia (2018) Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)

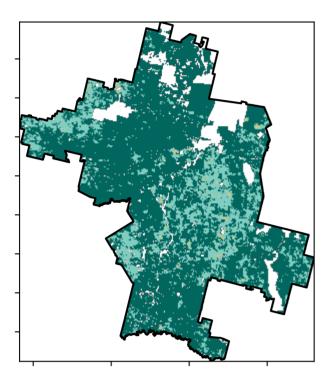
### Land use and forest cover



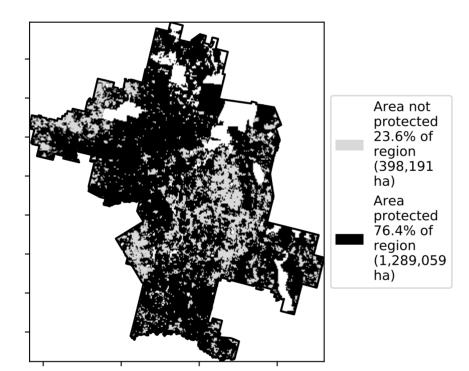
<u>55.</u>4%

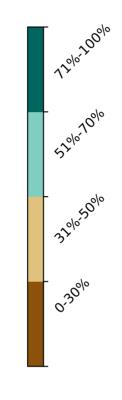


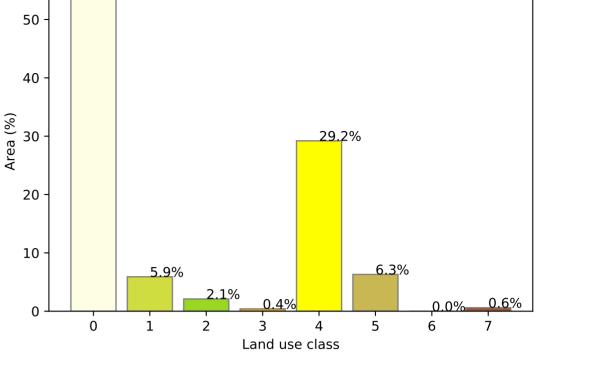
**Total Vegetation Cover [%]** 



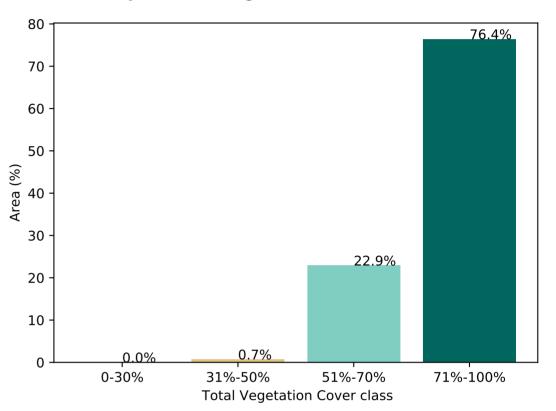
% Area protected from water erosion (>70%)



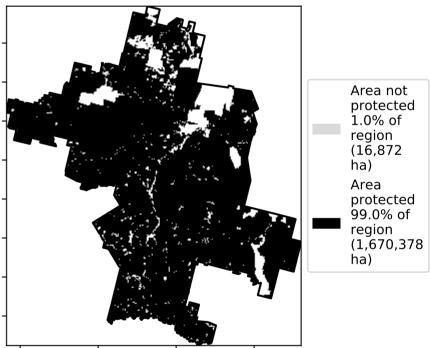




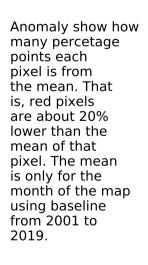
### Proportion of vegetation cover class in area

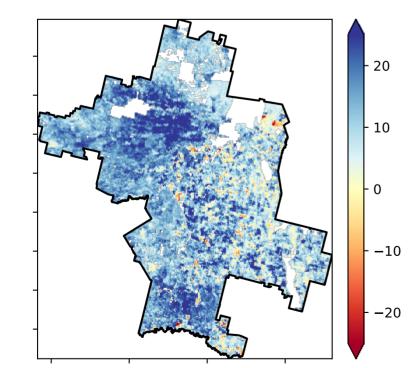


#### % Area protected from wind erosion (>50%)

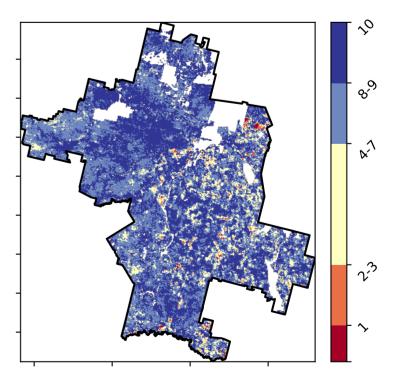


**Total Vegetation Cover Anomaly [%]** 

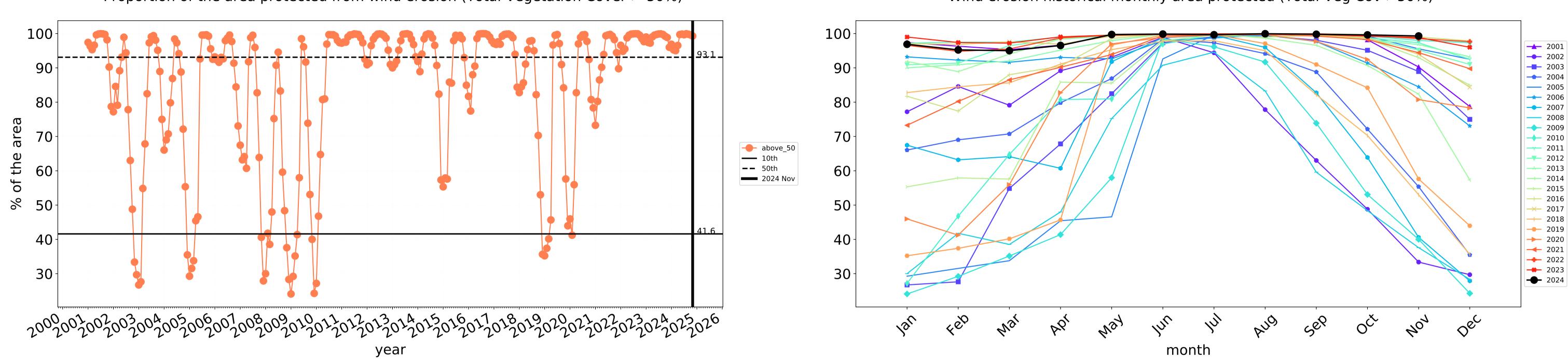




Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.







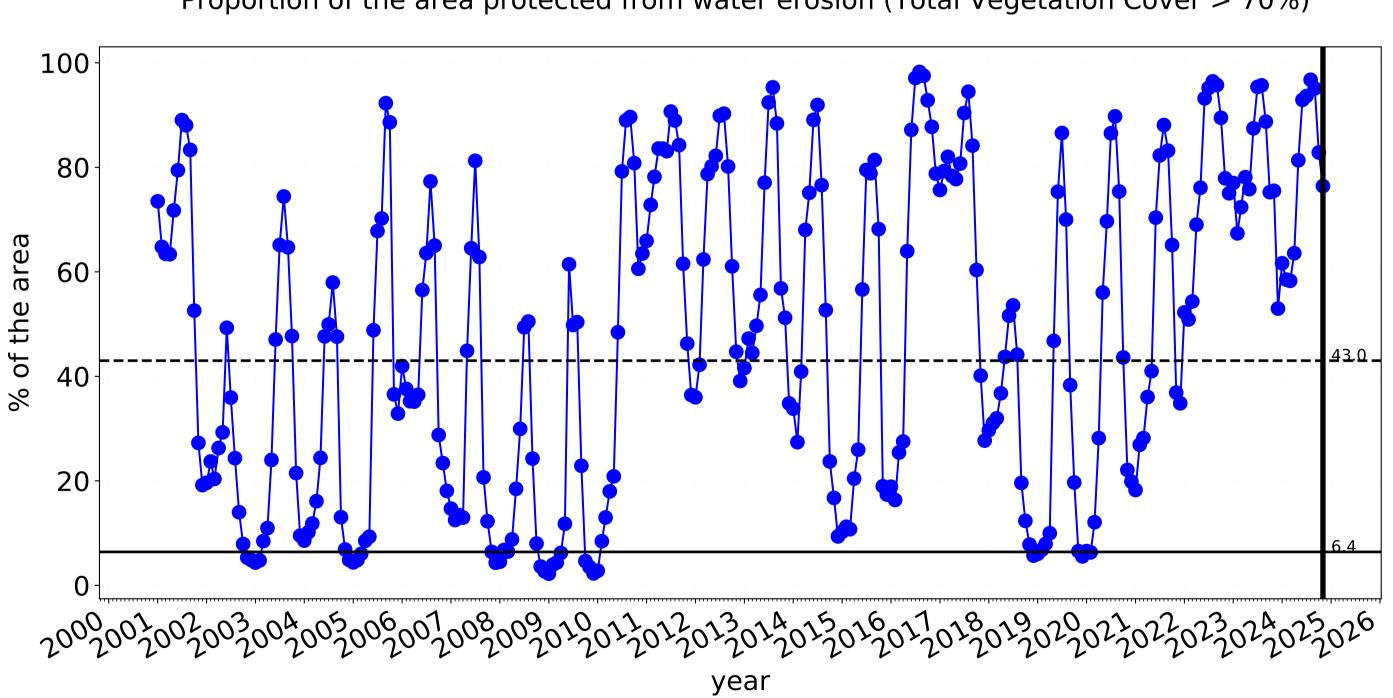
---- above\_70

**——** 2024 Nov

**——** 10th

**——** 50th

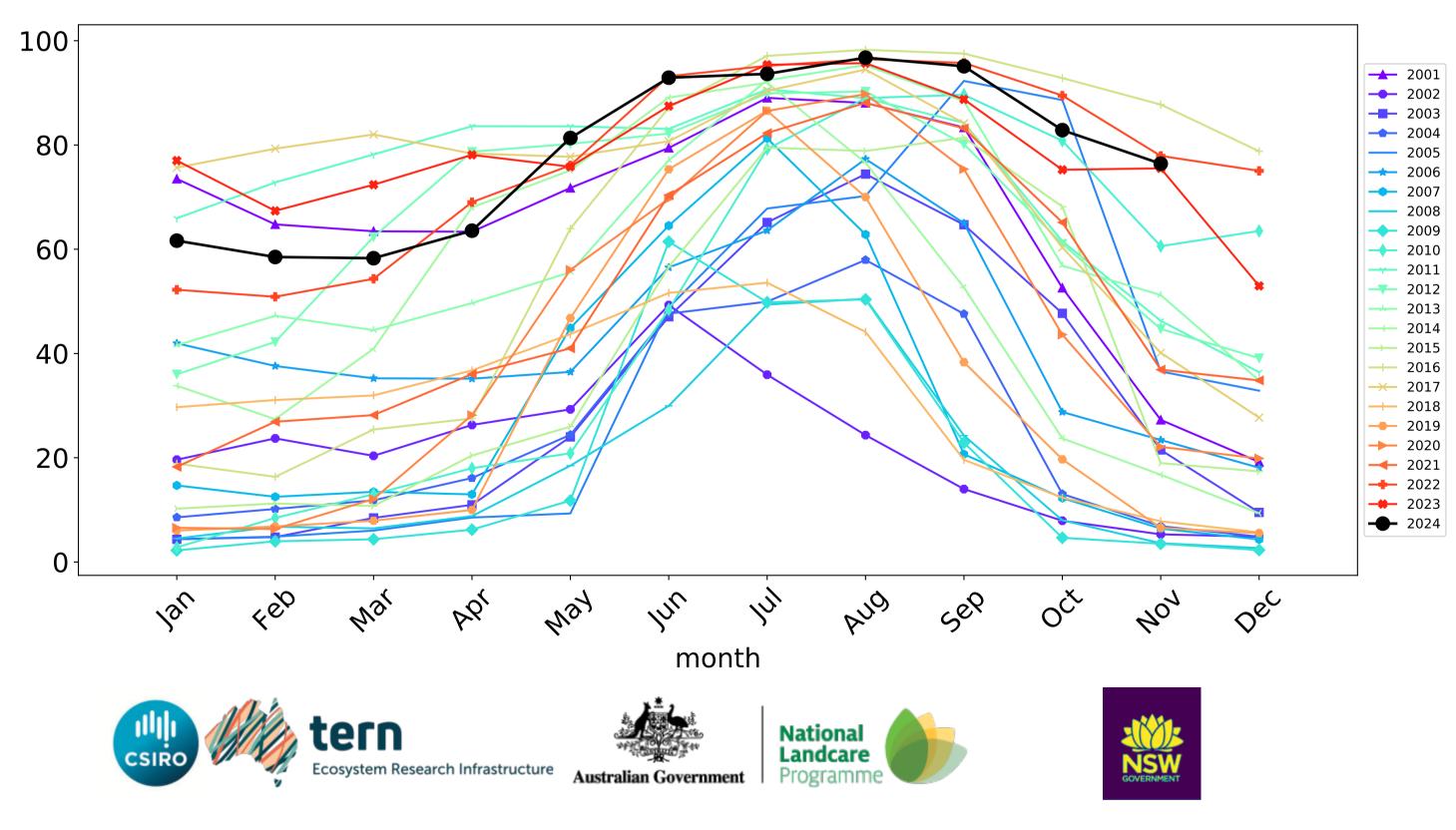
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)

### **Agriculture timeseries**

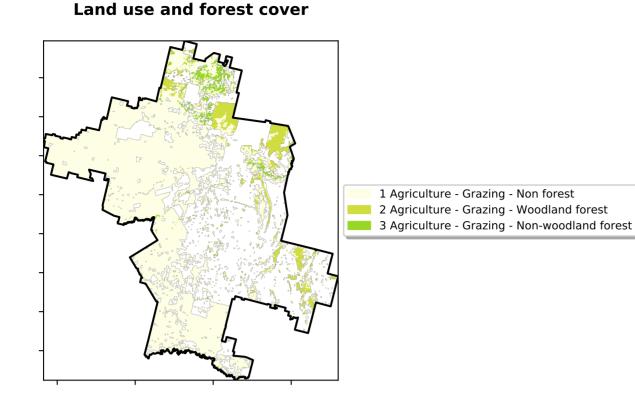
Water erosion historical monthly area protected (Total Veg Cov>70%)



Wind erosion historical monthly area protected (Total Veg Cov >50%)

### Grazing

Catchment Scale Land Use and Forests of Australia (2018) Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)



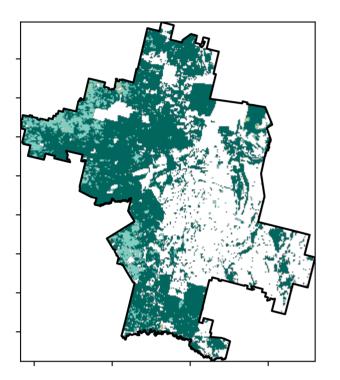
120/0

52%70

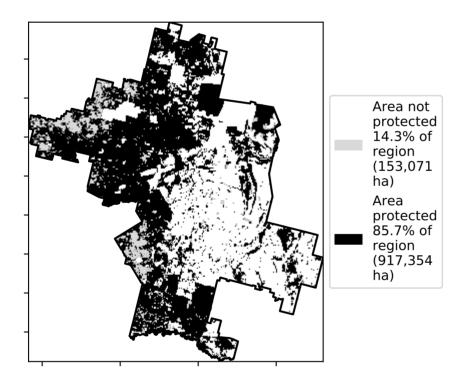
32010-

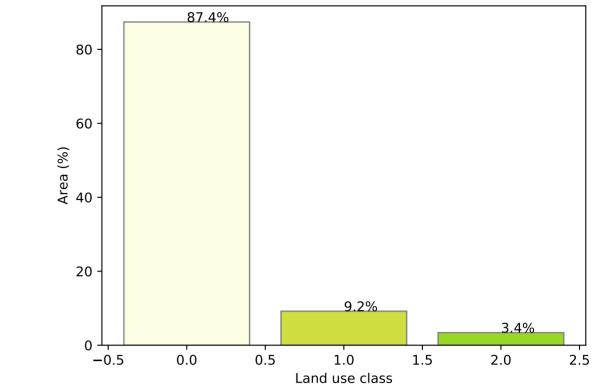
0.30%

**Total Vegetation Cover [%]** 



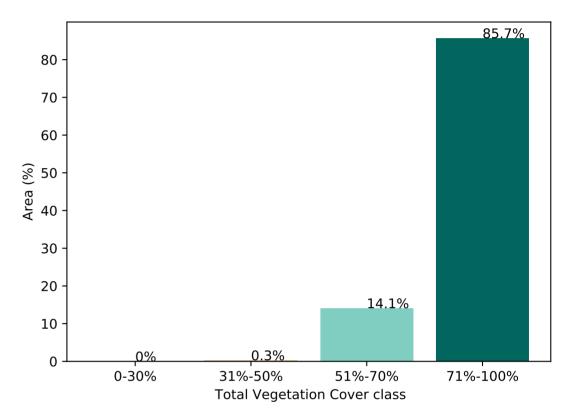
% Area protected from water erosion (>70%)



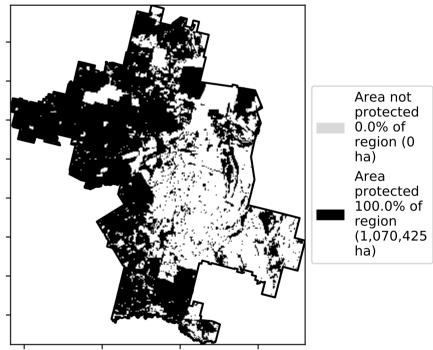


#### Proportion of each land class in area

Proportion of vegetation cover class in area

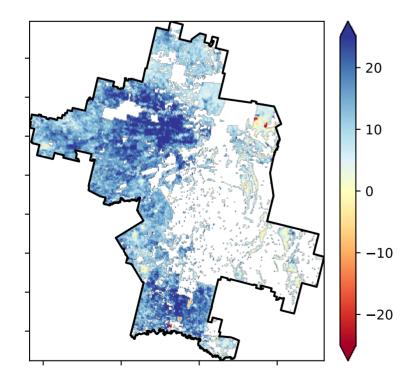


### % Area protected from wind erosion (>50%)

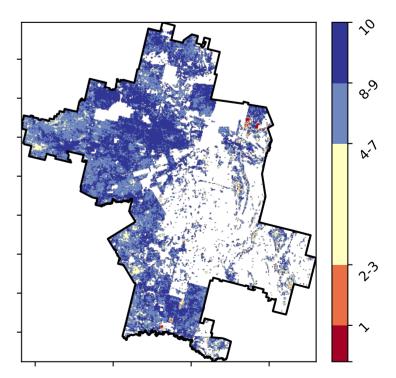


**Total Vegetation Cover Anomaly [%]** 

Anomaly show how many percetage points each pixel is from the mean. That is, red pixels are about 20% lower than the mean of that pixel. The mean is only for the month of the map using baseline from 2001 to 2019.

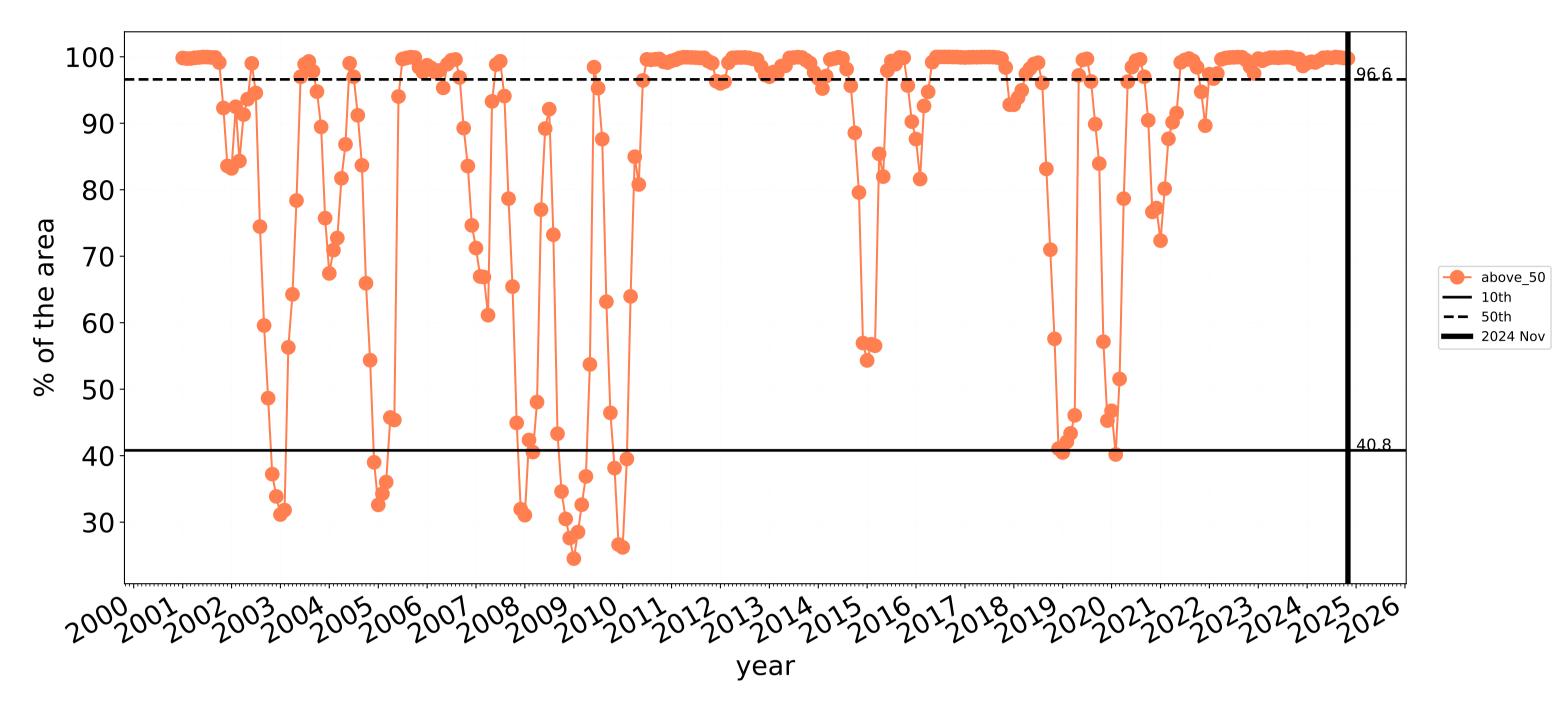


Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

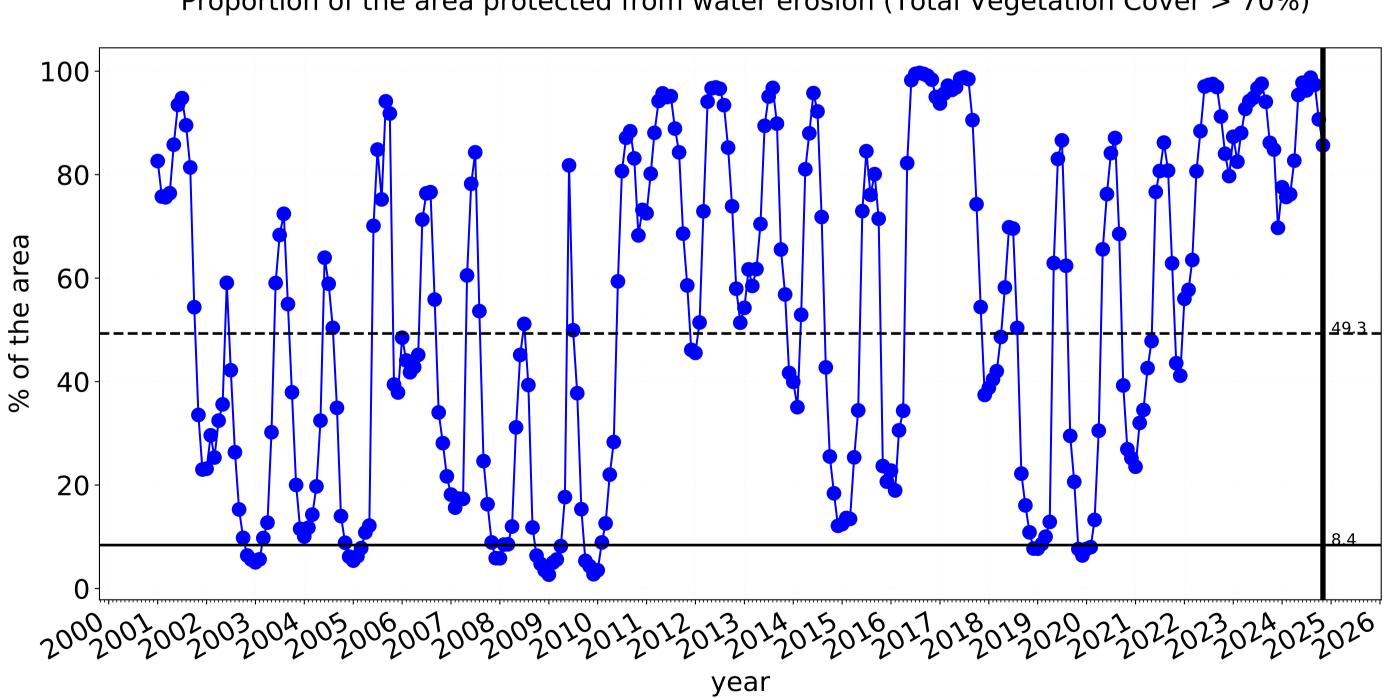








Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)

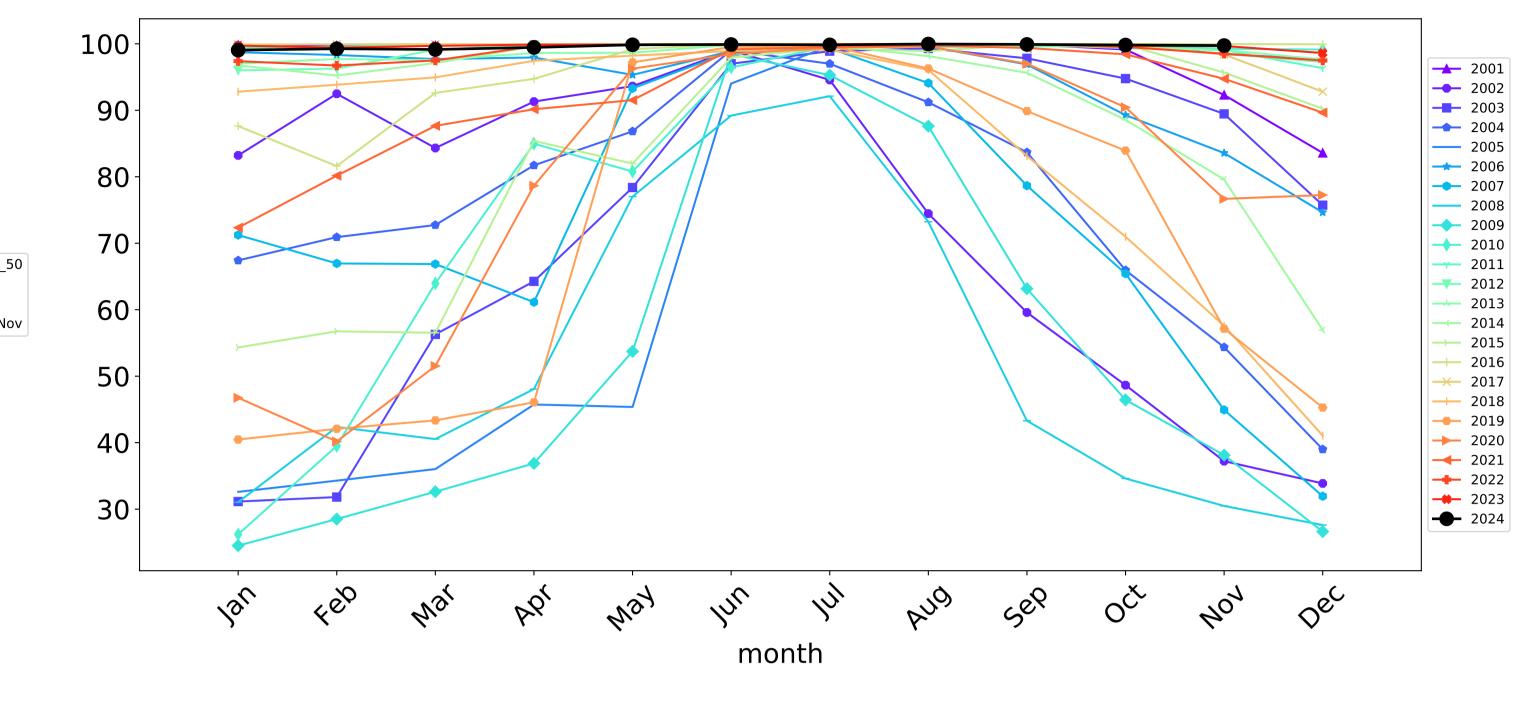


Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)

### Grazing timeseries



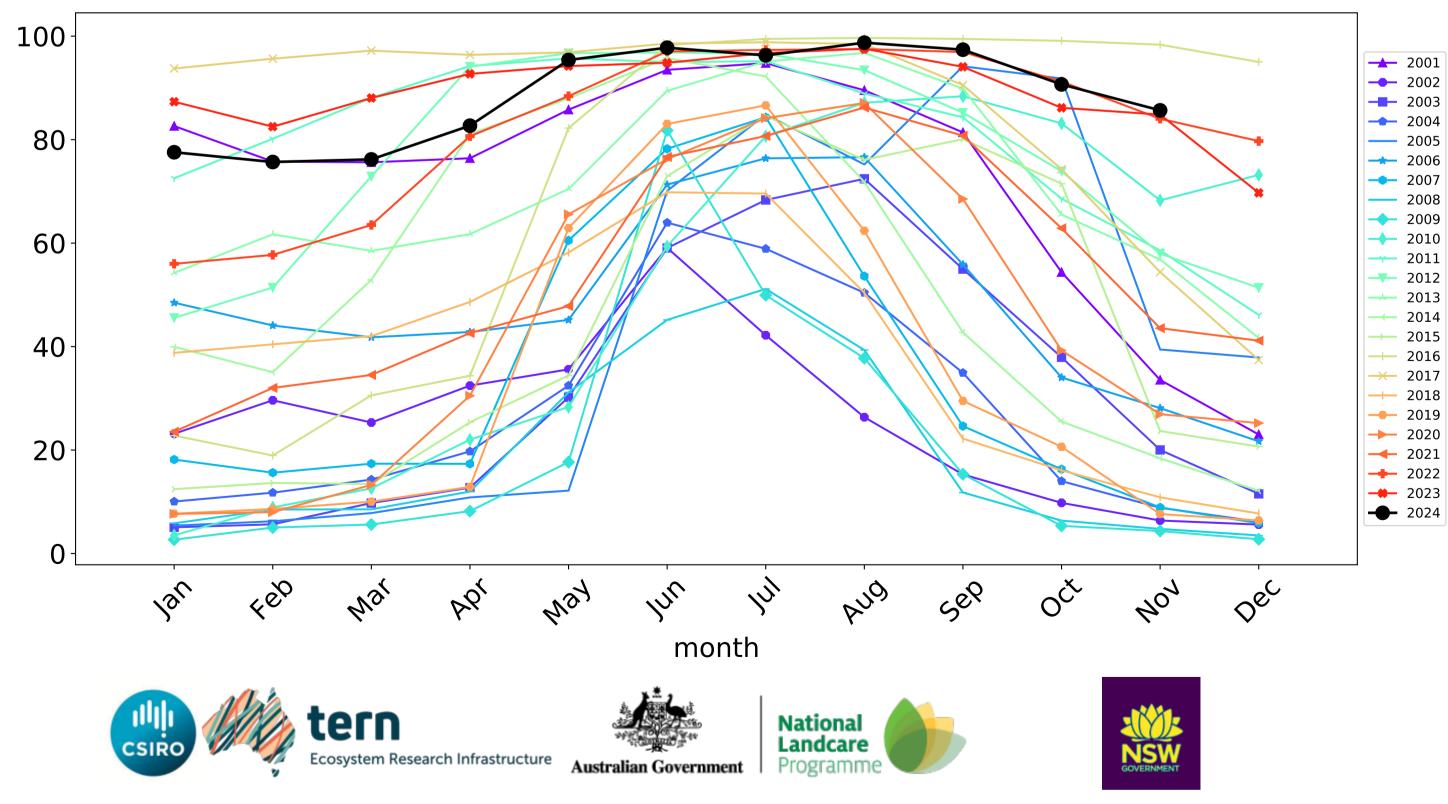
Wind erosion historical monthly area protected (Total Veg Cov >50%)



---- above\_70

**——** 10th

**——** 50th



Water erosion historical monthly area protected (Total Veg Cov>70%)

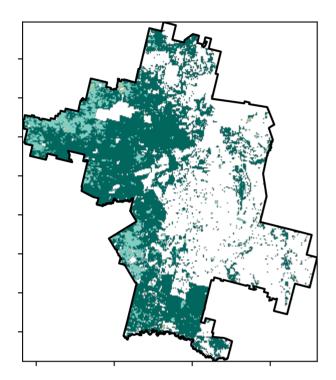
### **Grazing non forest**

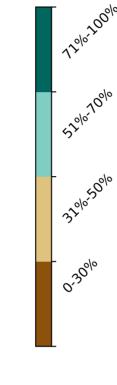
Land use and forest cover



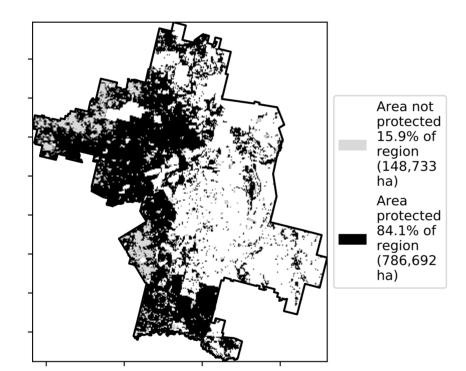
1 Agriculture - Grazing - Non forest

Total Vegetation Cover [%]





% Area protected from water erosion (>70%)



- 20

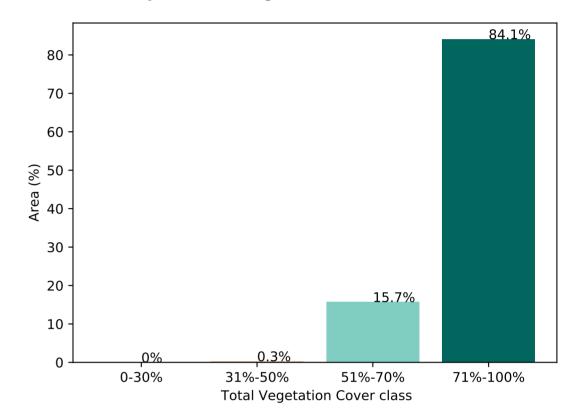
- 10

0

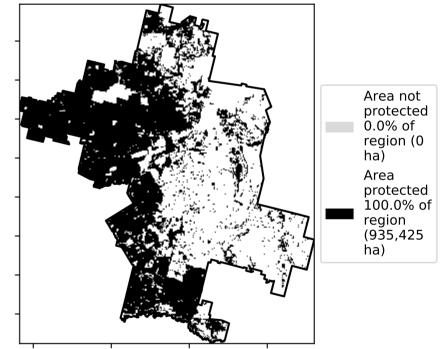
-10

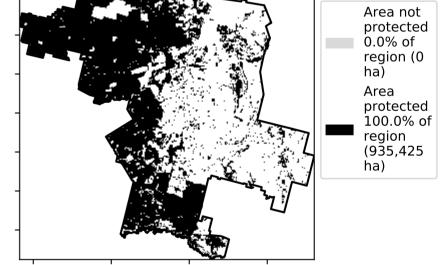
-20

Proportion of vegetation cover class in area

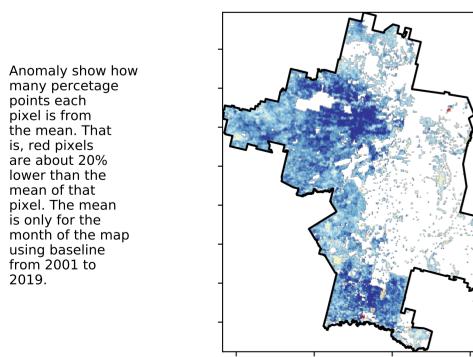


% Area protected from wind erosion (>50%)





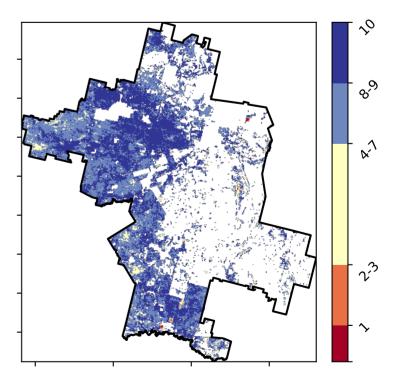
**Total Vegetation Cover Anomaly [%]** 



is, red pixels are about 20% lower than the

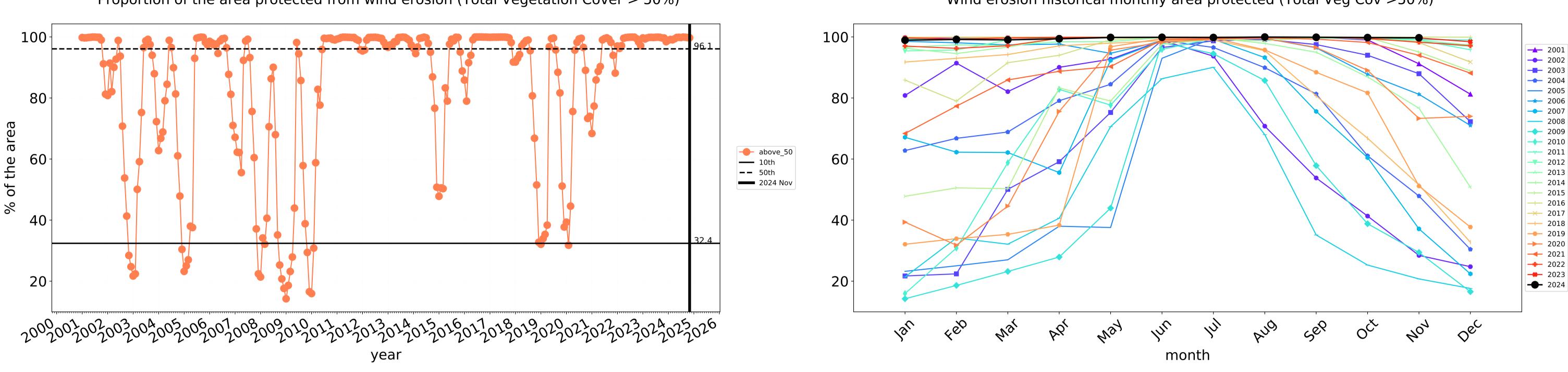
mean of that

Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.









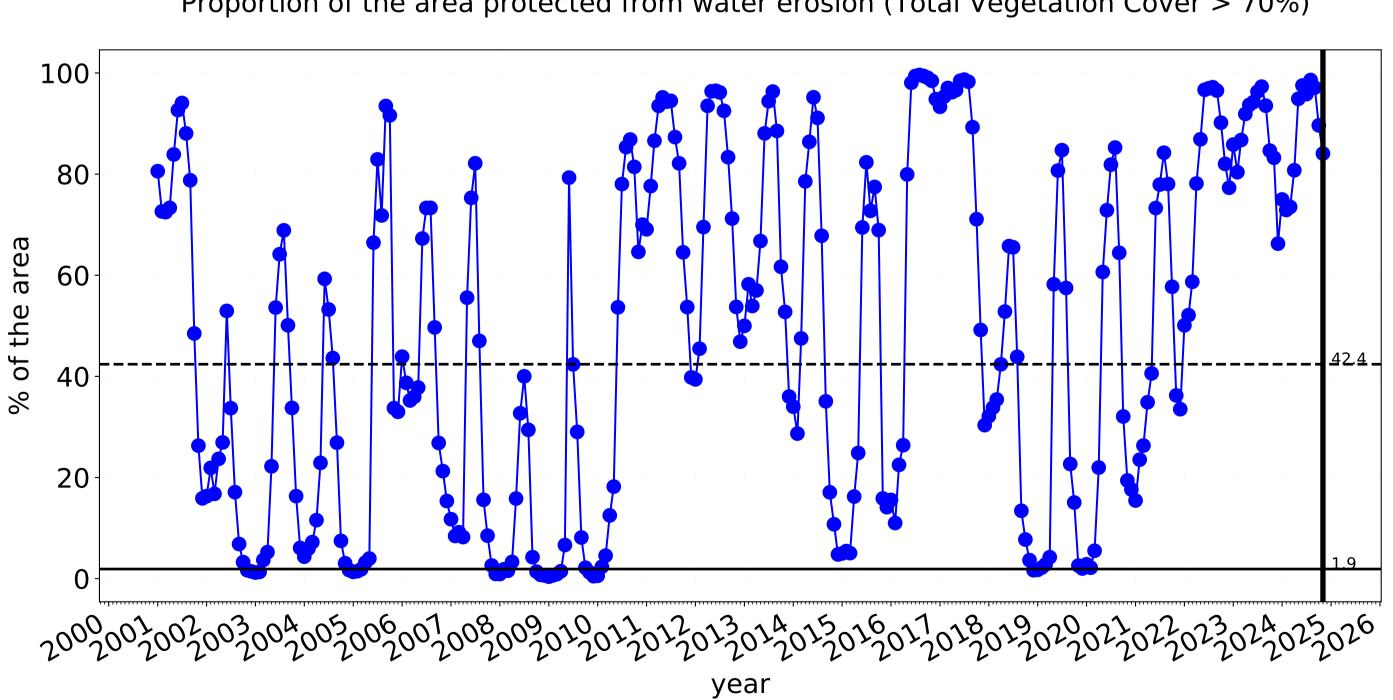
---- above\_70

**—** 2024 Nov

**——** 10th

**——** 50th

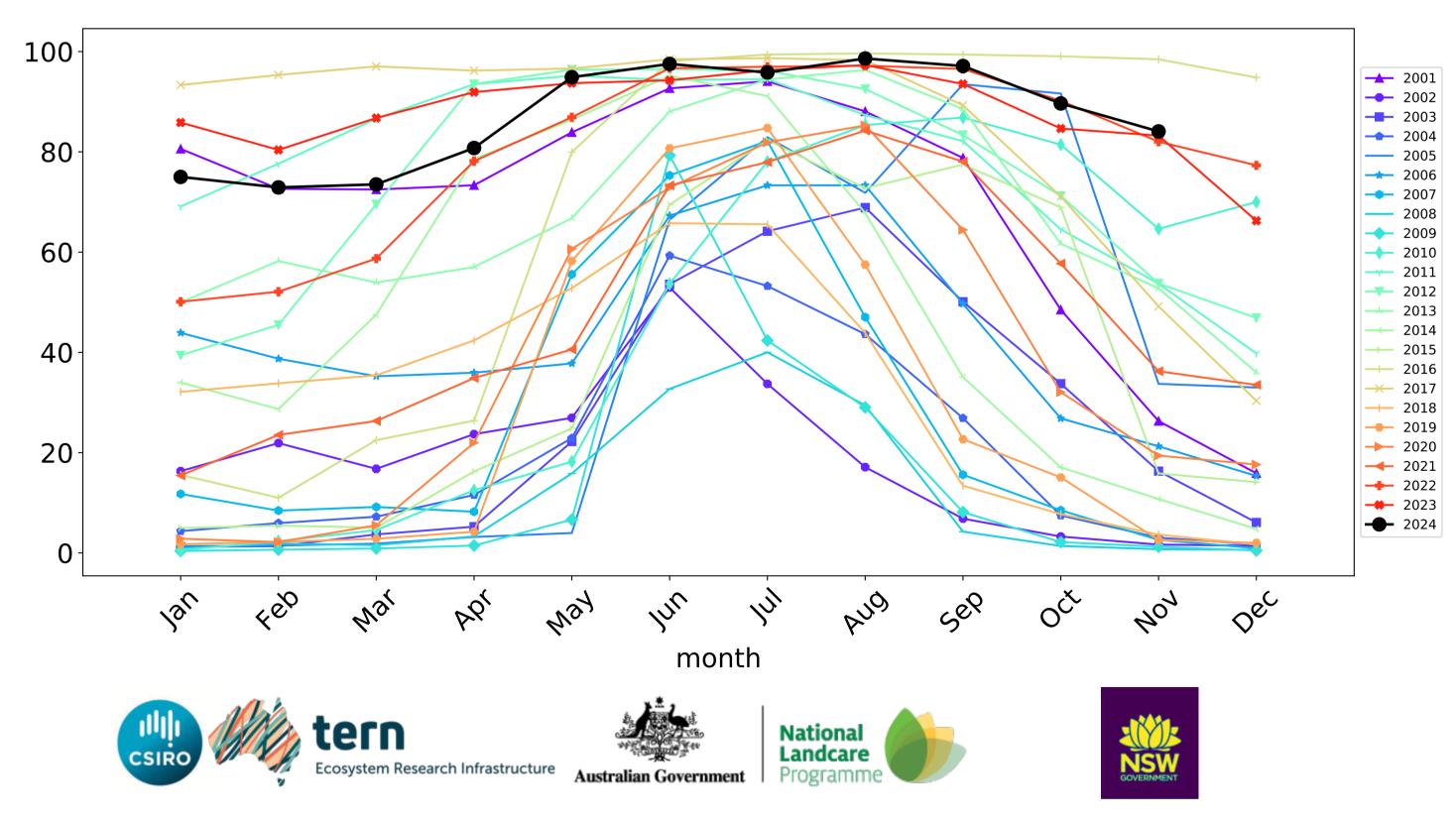
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)

### Grazing non forest timeseries

Water erosion historical monthly area protected (Total Veg Cov>70%)



Wind erosion historical monthly area protected (Total Veg Cov >50%)

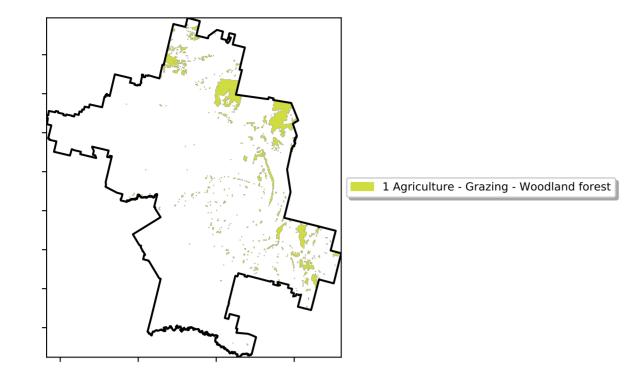
### **Grazing Woodland forest**

Land use and forest cover

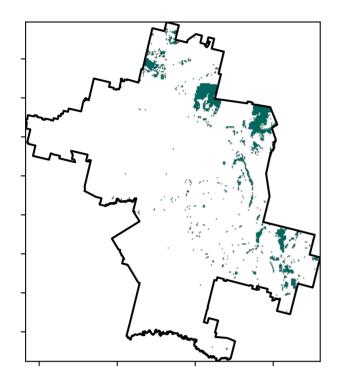
Catchment Scale

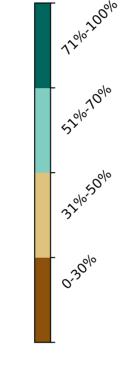
Land Use and Forests of Australia (2018) Derived from

Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)

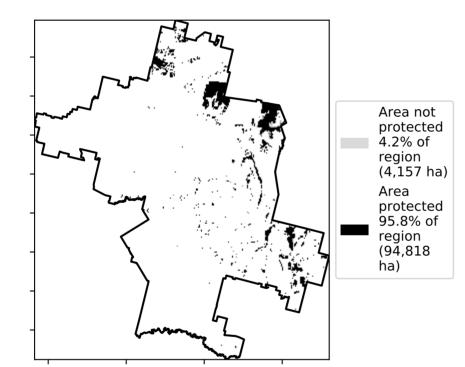


**Total Vegetation Cover [%]** 

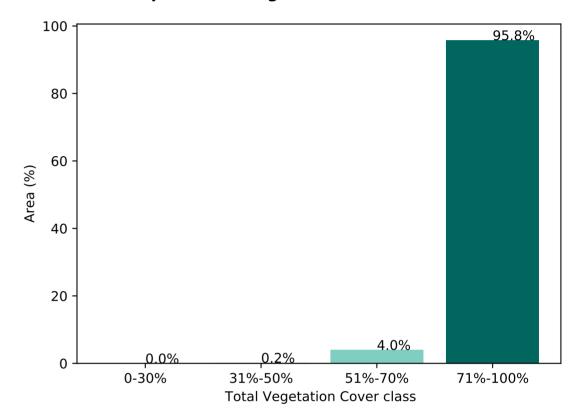




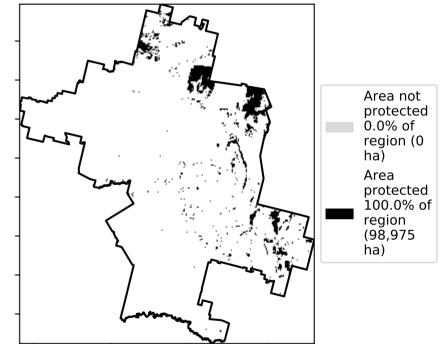
% Area protected from water erosion (>70%)

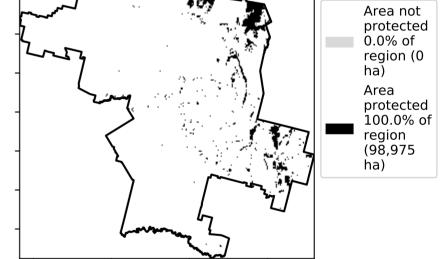


Proportion of vegetation cover class in area

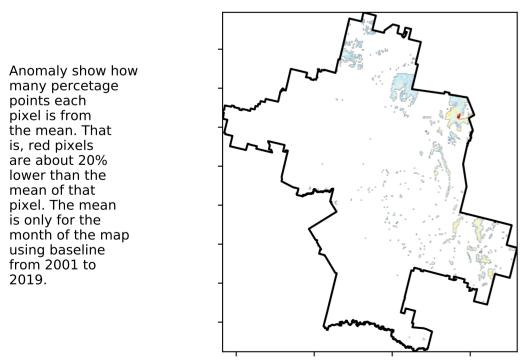


% Area protected from wind erosion (>50%)





**Total Vegetation Cover Anomaly [%]** 

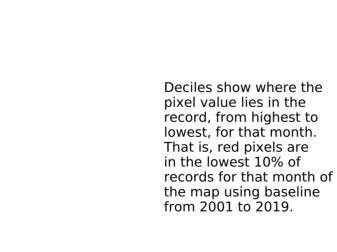


is, red pixels are about 20% lower than the

mean of that

using baseline

from 2001 to 2019.



- 20

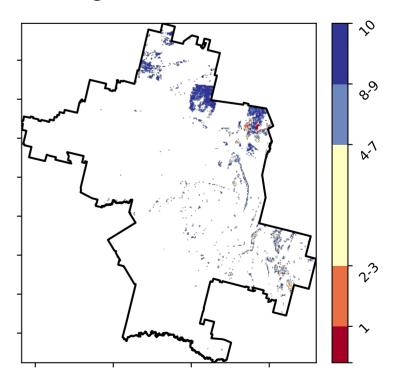
- 10

0

-10

-20

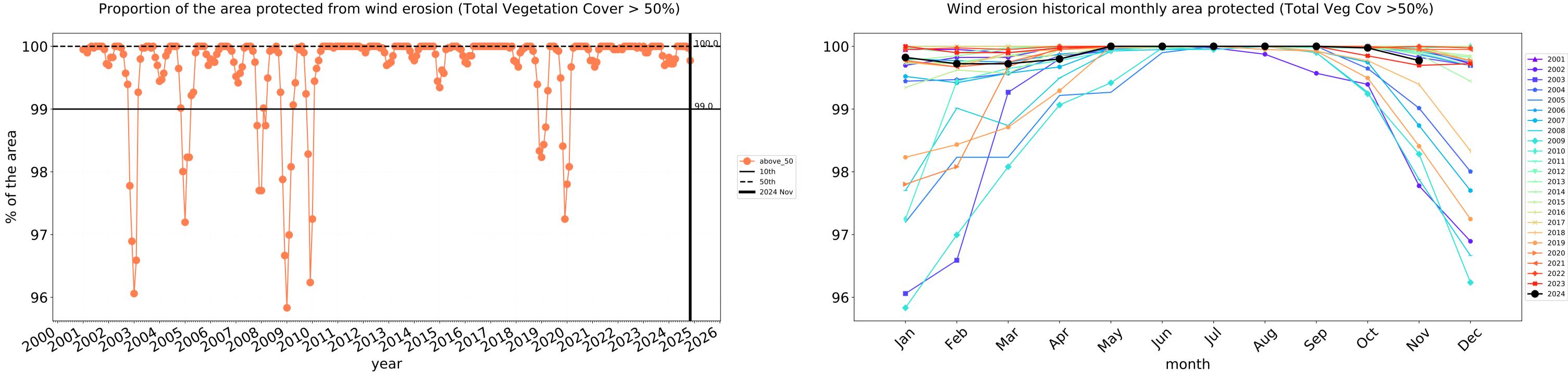
**Total Vegetation Cover Decile [%]** 





18

### Grazing Woodland forest timeseries



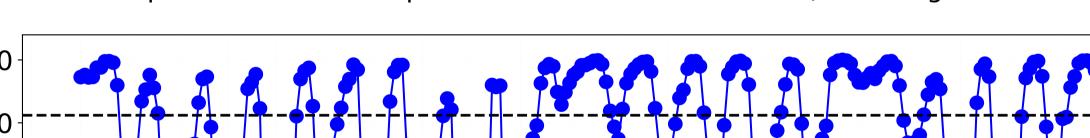
---- above\_70

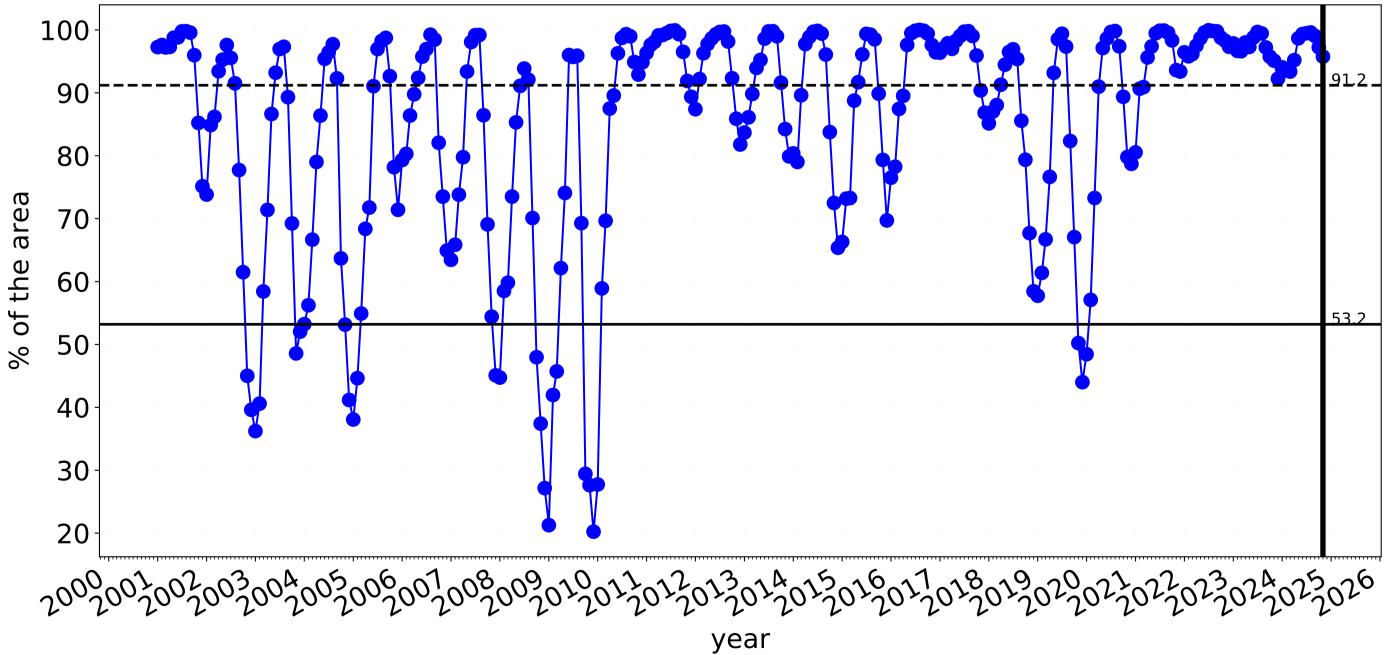
**—** 2024 Nov

**——** 10th

**——** 50th

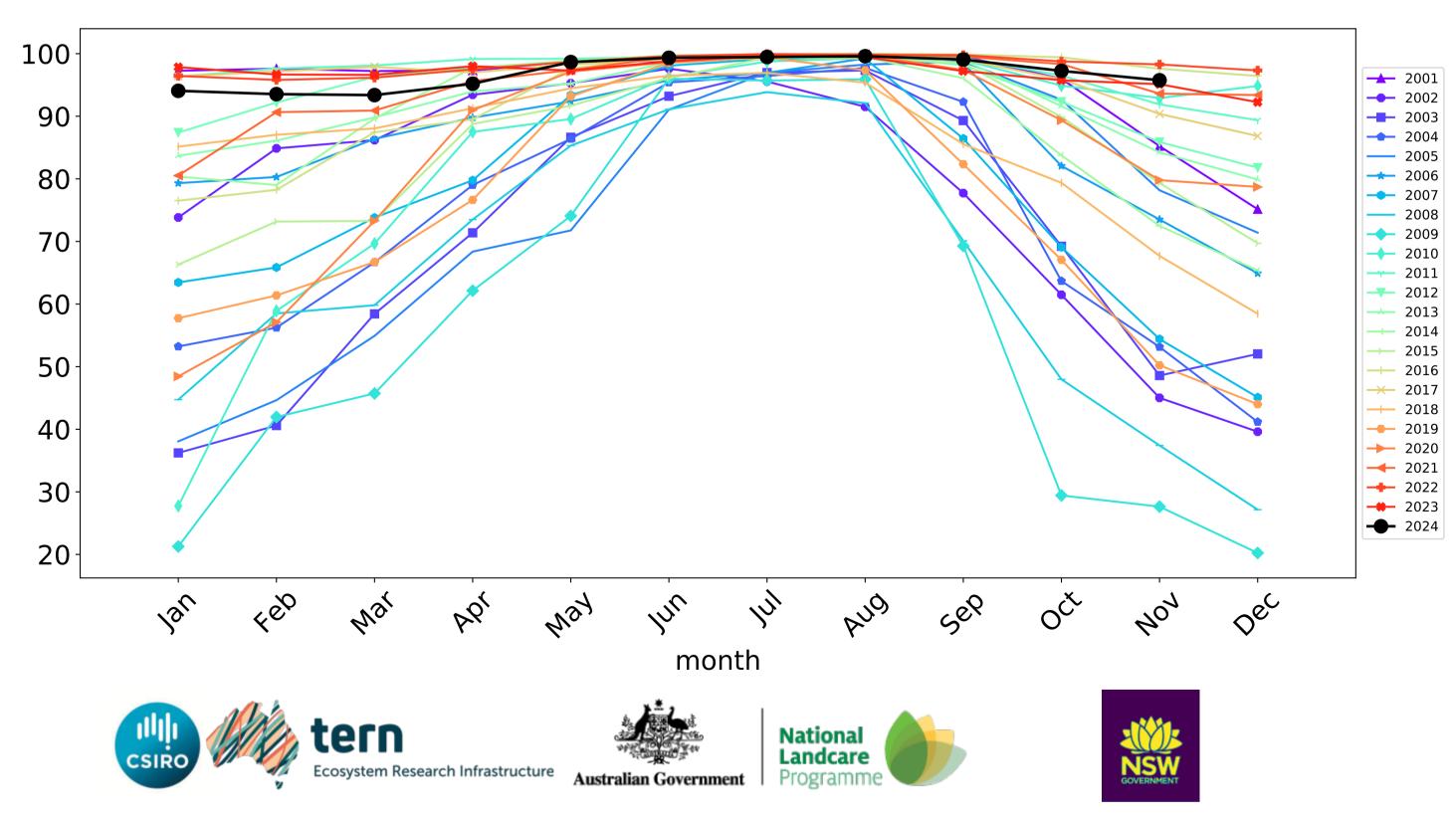
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)





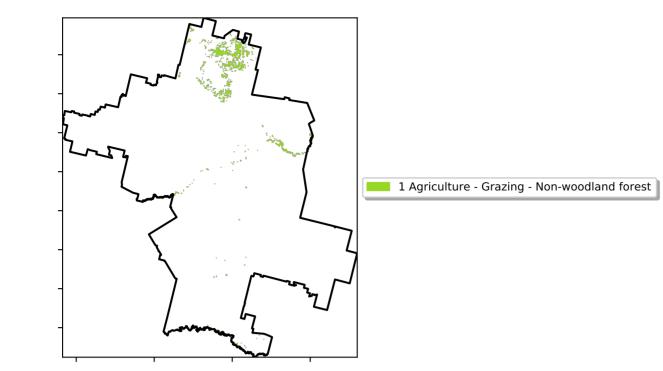
Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)

Water erosion historical monthly area protected (Total Veg Cov>70%)

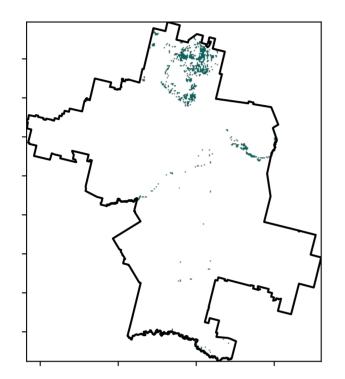


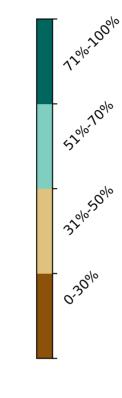
### Grazing - Forest (non woodland)

Land use and forest cover

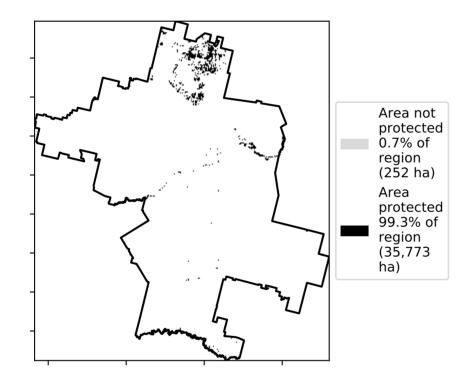


Total Vegetation Cover [%]

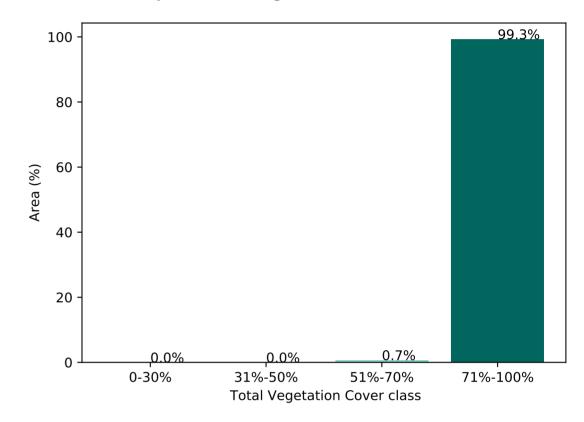




% Area protected from water erosion (>70%)



Proportion of vegetation cover class in area

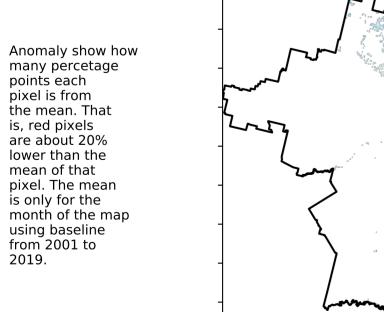


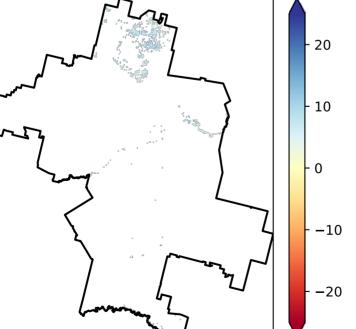
% Area protected from wind erosion (>50%)



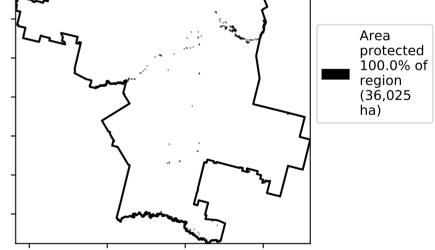
Catchment Scale Land Use and Forests of Australia (2018) Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)

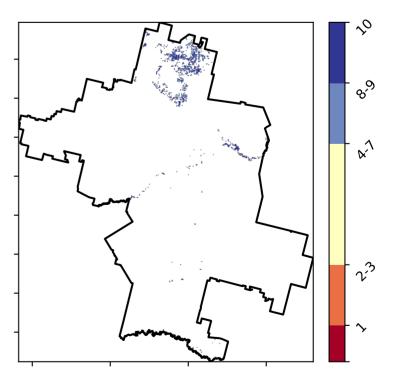
**Total Vegetation Cover Anomaly [%]** 



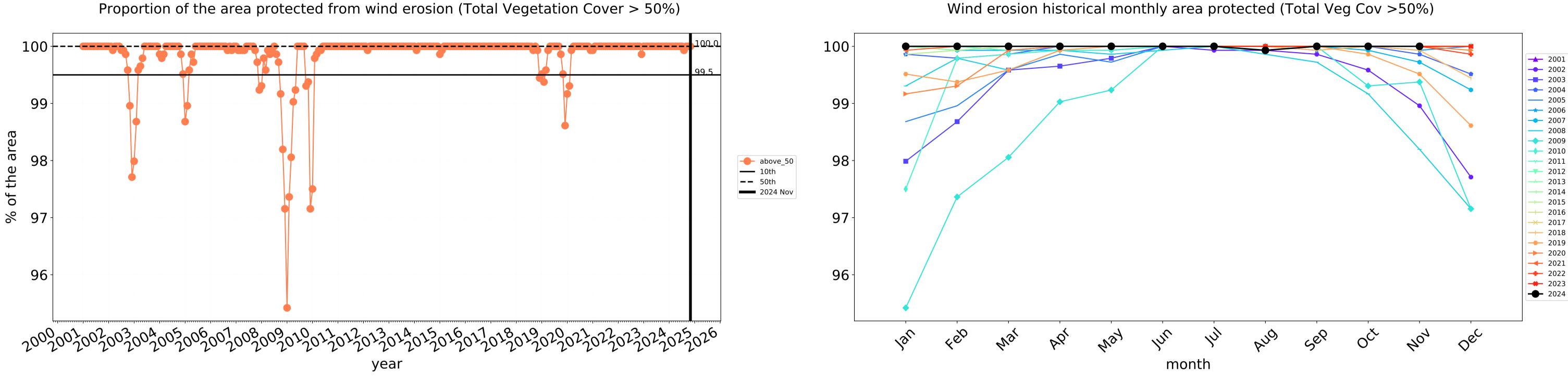


Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.



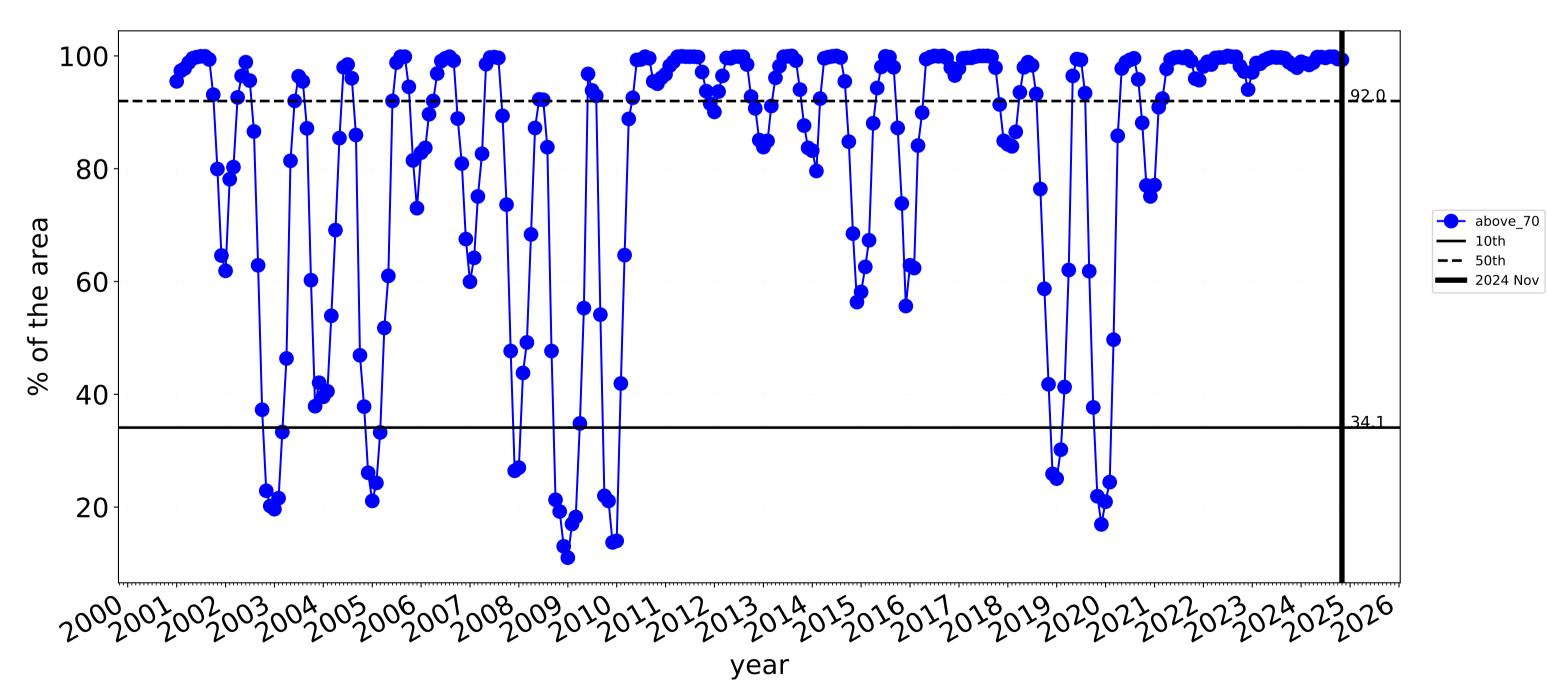






Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)

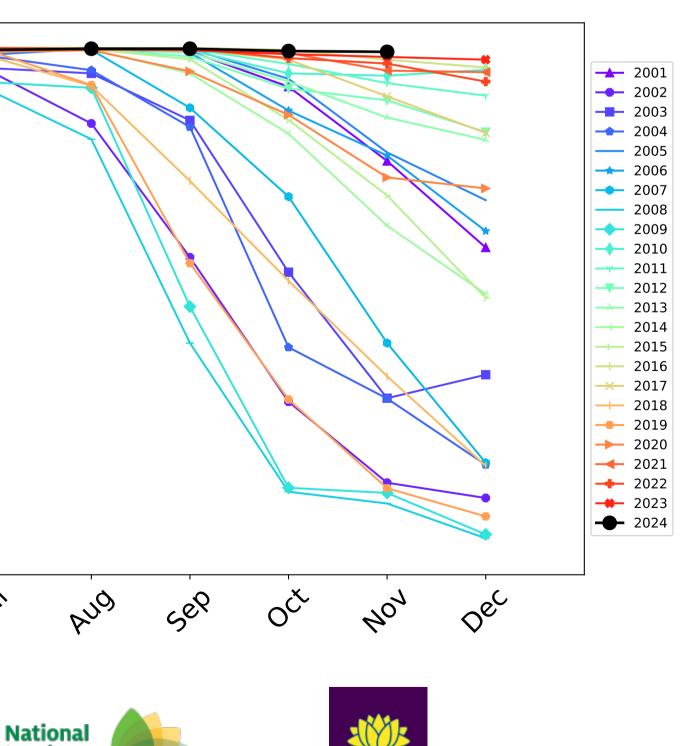
Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)



### Grazing - Forest (non woodland) timeseries

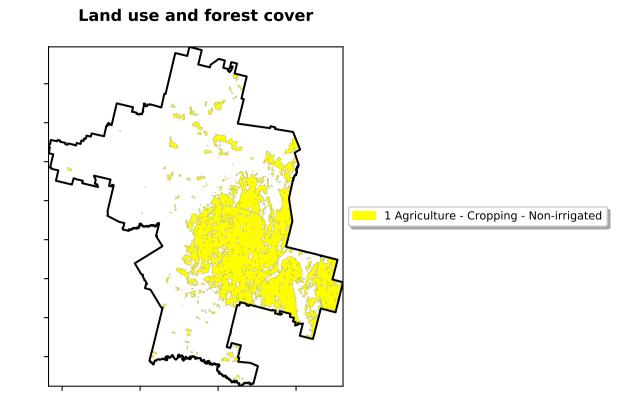
100 80-60-40 20 4eb way In lar Mar PQ1 In I month Landcare Ecosystem Research Infrastructure Australian Government Programm

Water erosion historical monthly area protected (Total Veg Cov>70%)

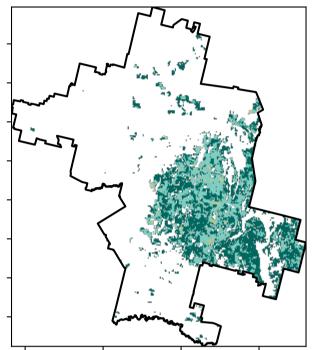


### Cropping

Catchment Scale Land Use and Forests of Australia (2018) Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)



**Total Vegetation Cover [%]** 



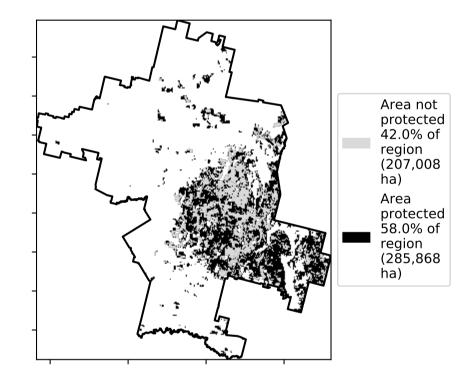
12%100

52%70%

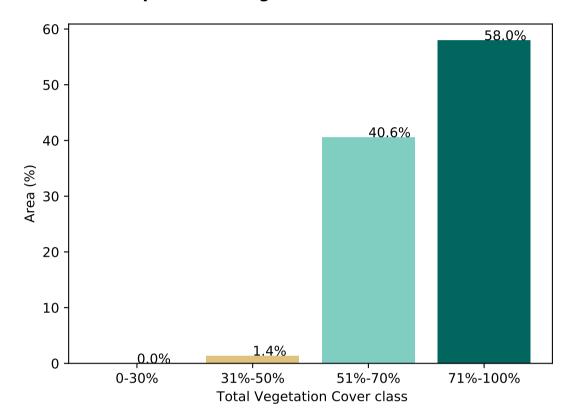
320050

0.30%

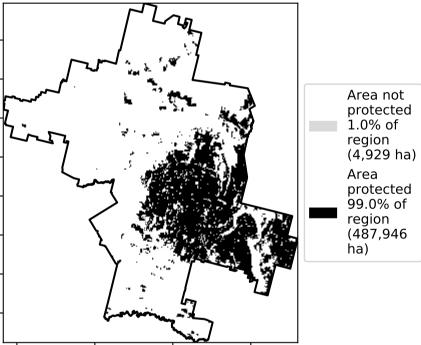
% Area protected from water erosion (>70%)



Proportion of vegetation cover class in area

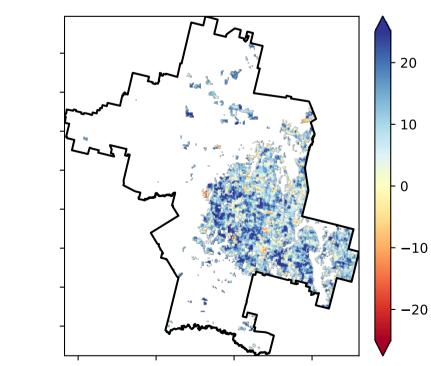


% Area protected from wind erosion (>50%)

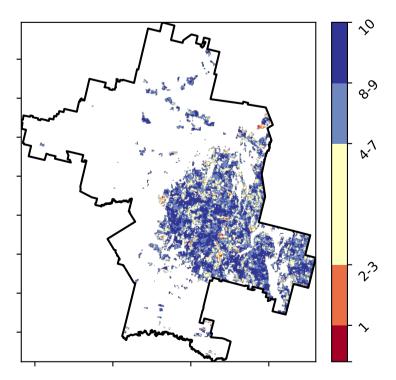




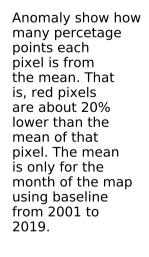
**Total Vegetation Cover Anomaly [%]** 

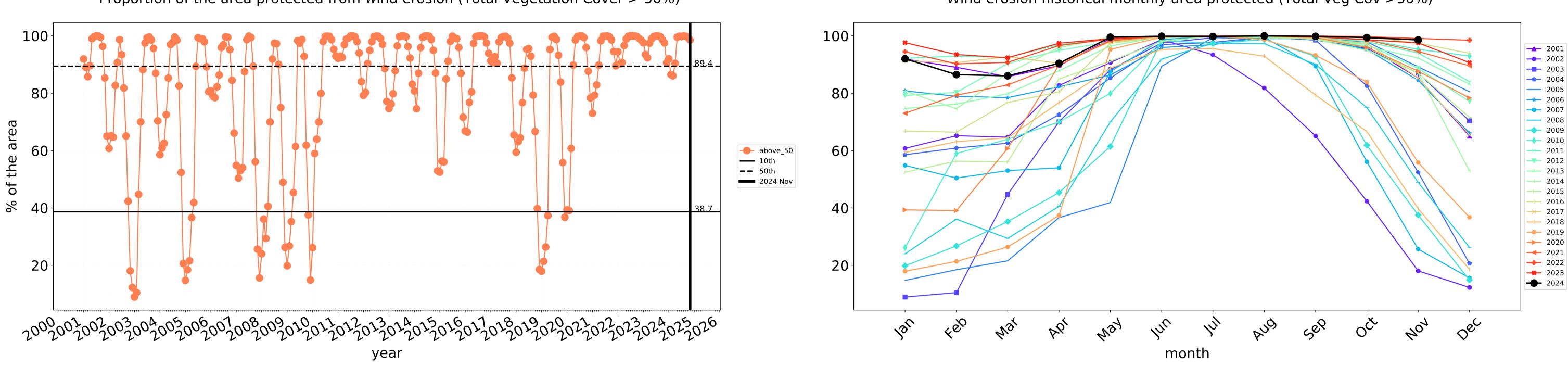


Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.







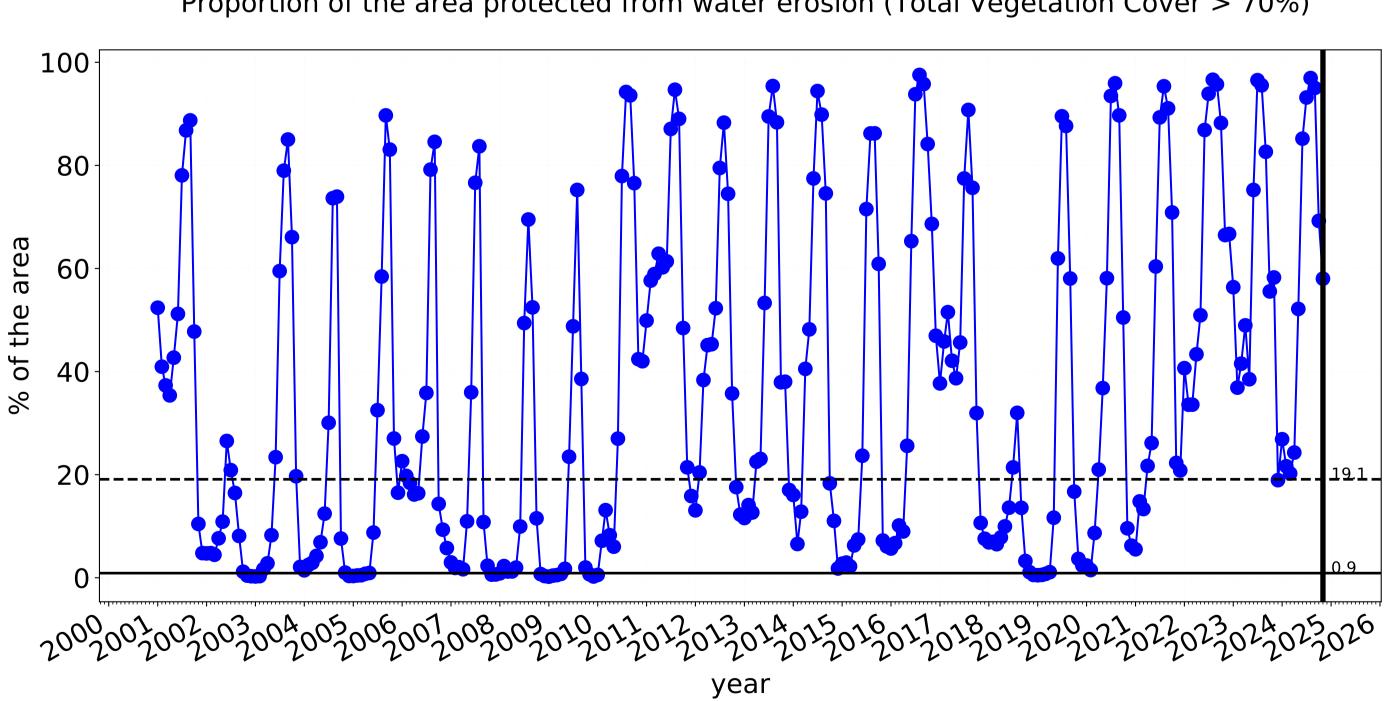


---- above\_70

**——** 10th

**——** 50th

Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



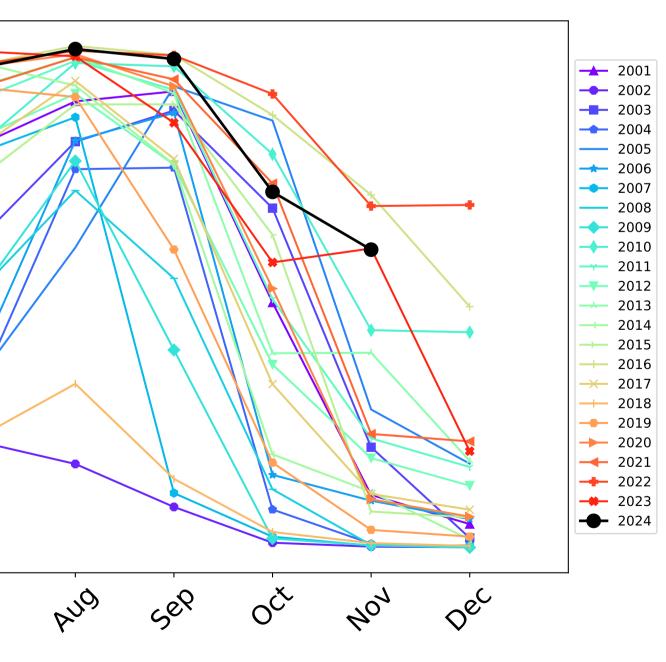
Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)

### **Cropping timeseries**

100-80-60-40-20-0 -4eb In May 1<sup>1</sup>1 Jan Mai 26, month tern Ecosystem Research Infrastructure Australian Government

Water erosion historical monthly area protected (Total Veg Cov>70%)

Wind erosion historical monthly area protected (Total Veg Cov >50%)







### Irrigation

Catchment Scale Land Use and Forests of Australia (2018) Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)

pixel is from

is, red pixels

mean of that

pixel. The mean

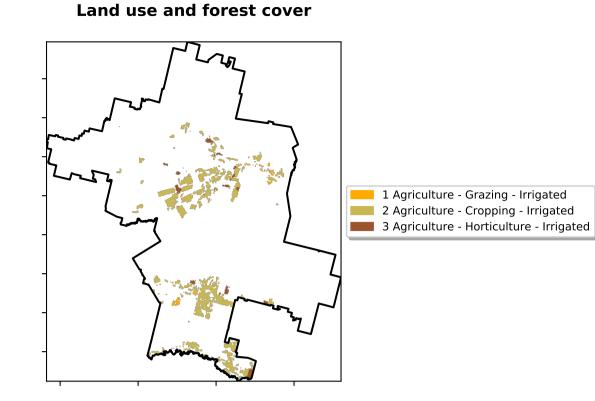
using baseline

from 2001 to 2019.

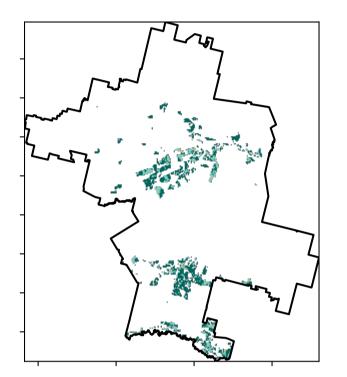
is only for the month of the map

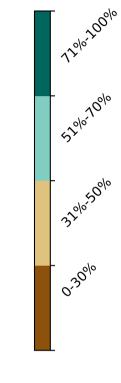
the mean. That

are about 20% lower than the

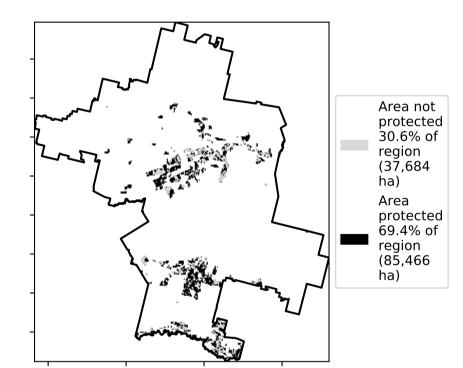


**Total Vegetation Cover [%]** 





% Area protected from water erosion (>70%)



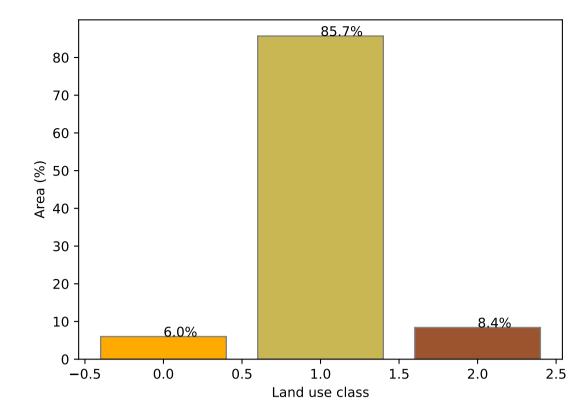
- 20

- 10

0

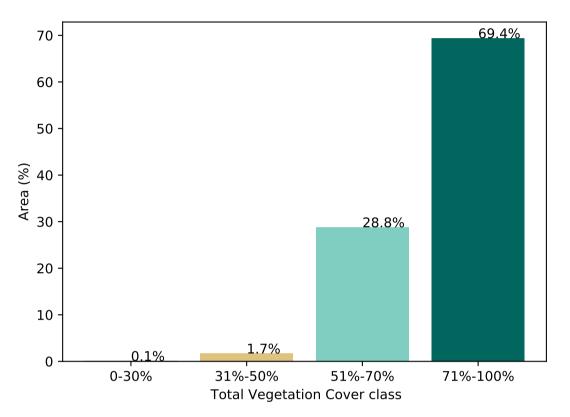
-10

-20

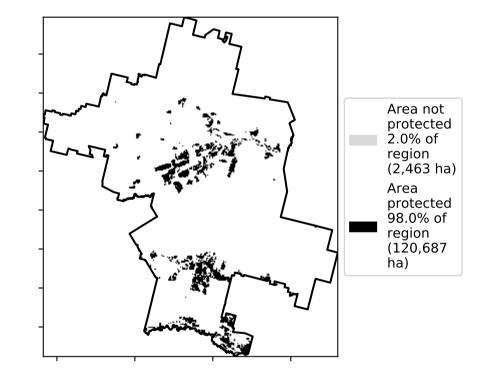


#### Proportion of each land class in area

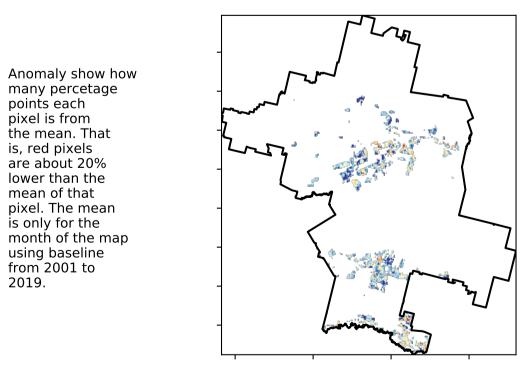
Proportion of vegetation cover class in area



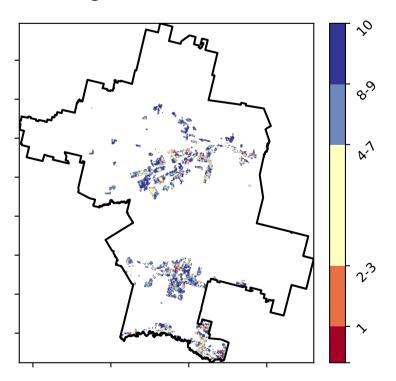
% Area protected from wind erosion (>50%)



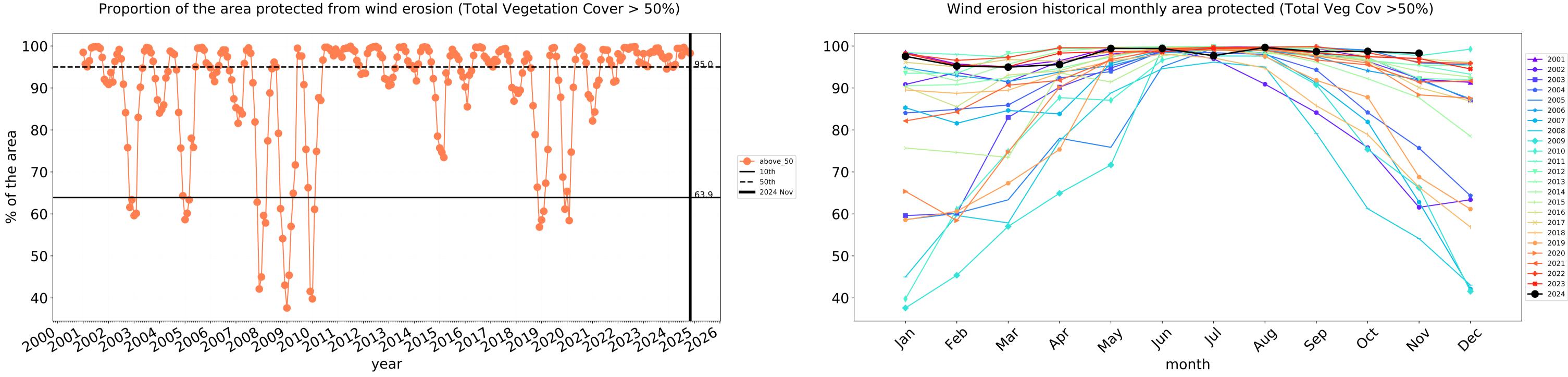
**Total Vegetation Cover Anomaly [%]** 



Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

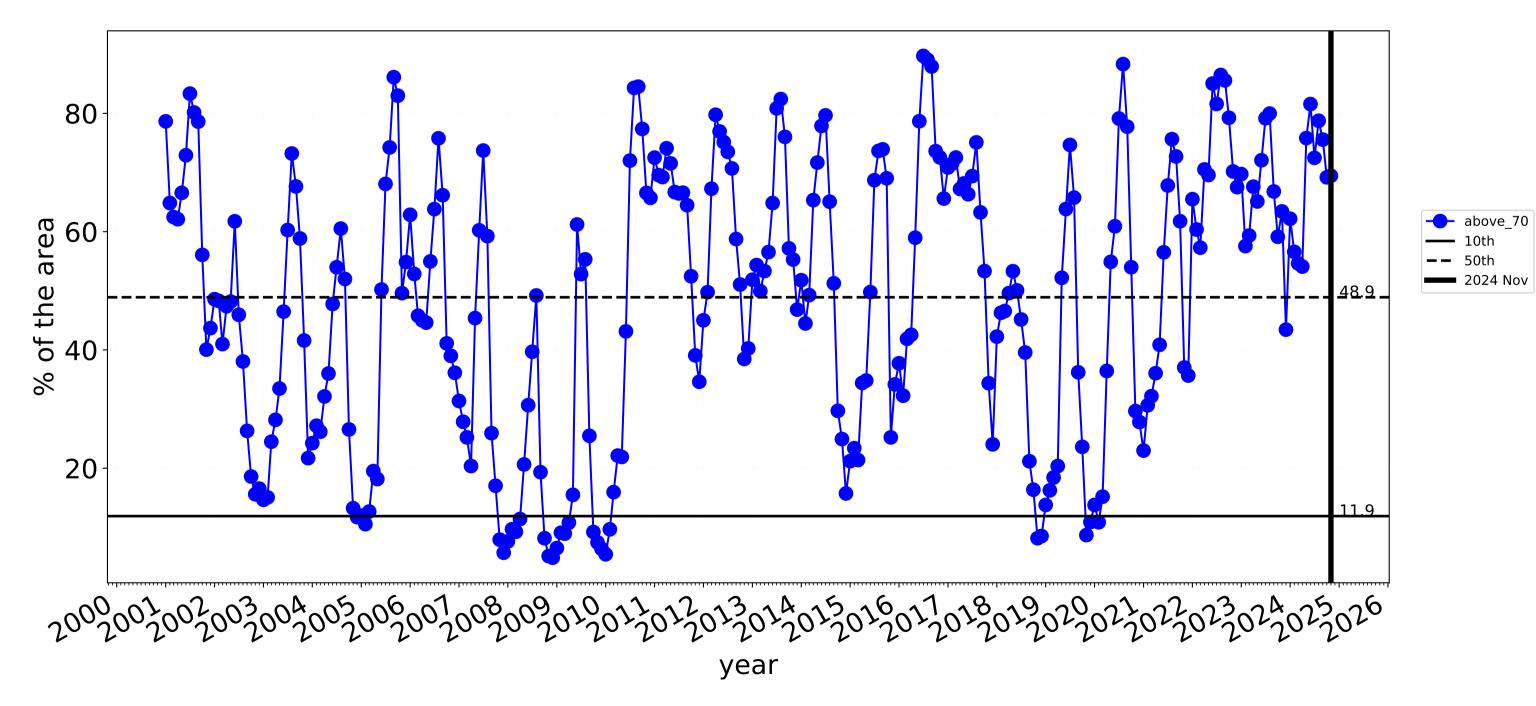




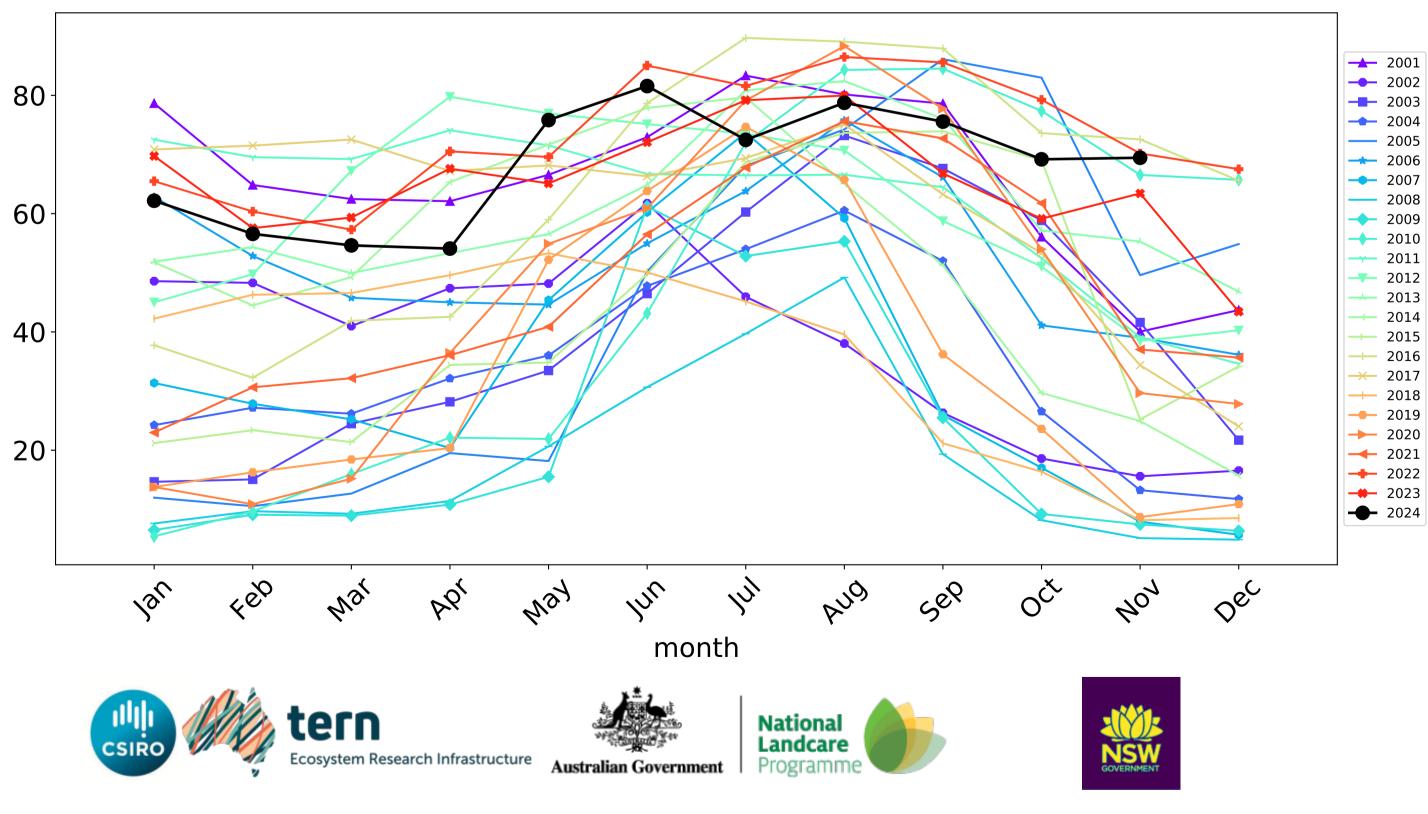


Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)

Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)



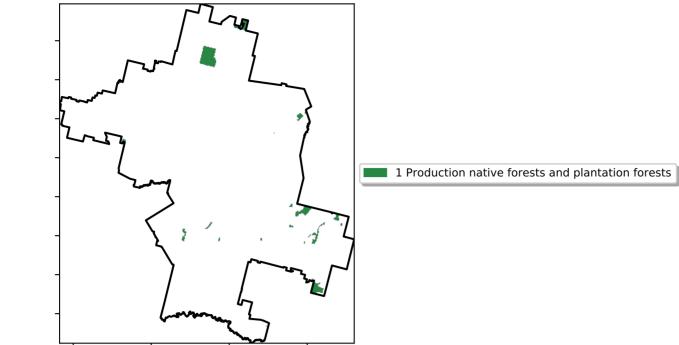
### Irrigation timeseries



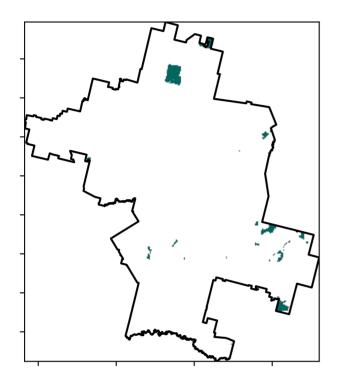
Water erosion historical monthly area protected (Total Veg Cov>70%)

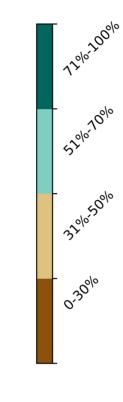
### **Production native forests and plantation forests**

Land use and forest cover

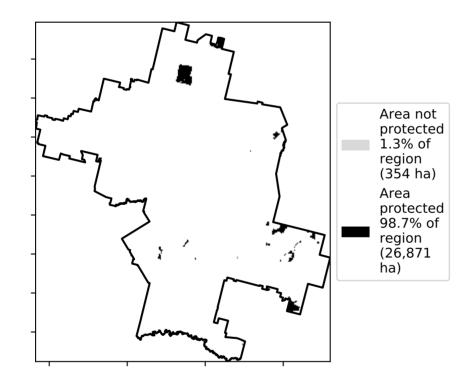


Total Vegetation Cover [%]

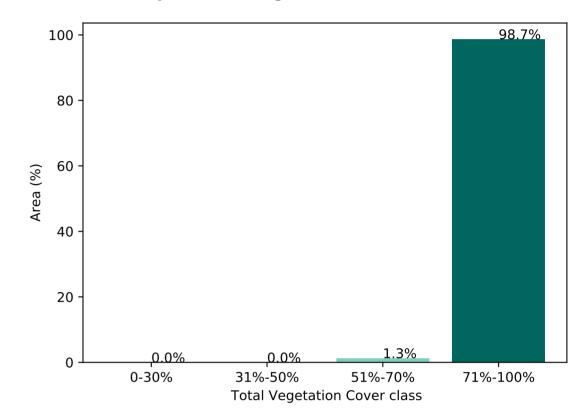




% Area protected from water erosion (>70%)



Proportion of vegetation cover class in area



% Area protected from wind erosion (>50%)



Catchment Scale Land Use and Forests of Australia (2018) Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)

Anomaly show how many percetage points each

pixel is from

the mean. That is, red pixels

are about 20% lower than the

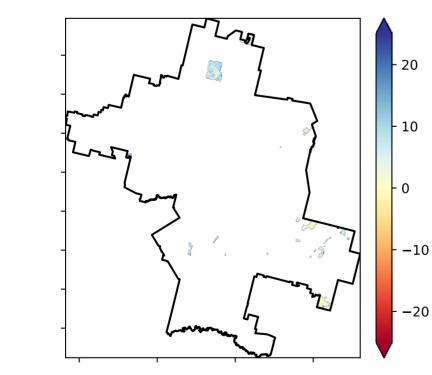
mean of that

pixel. The mean

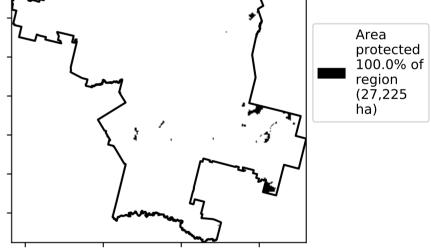
using baseline

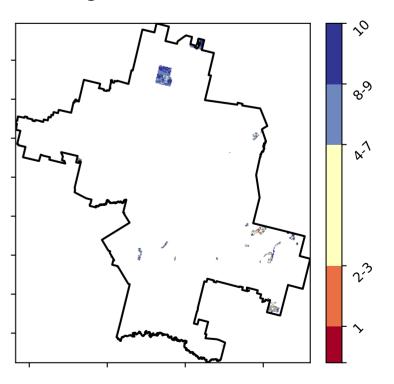
from 2001 to 2019.

is only for the month of the map **Total Vegetation Cover Anomaly [%]** 



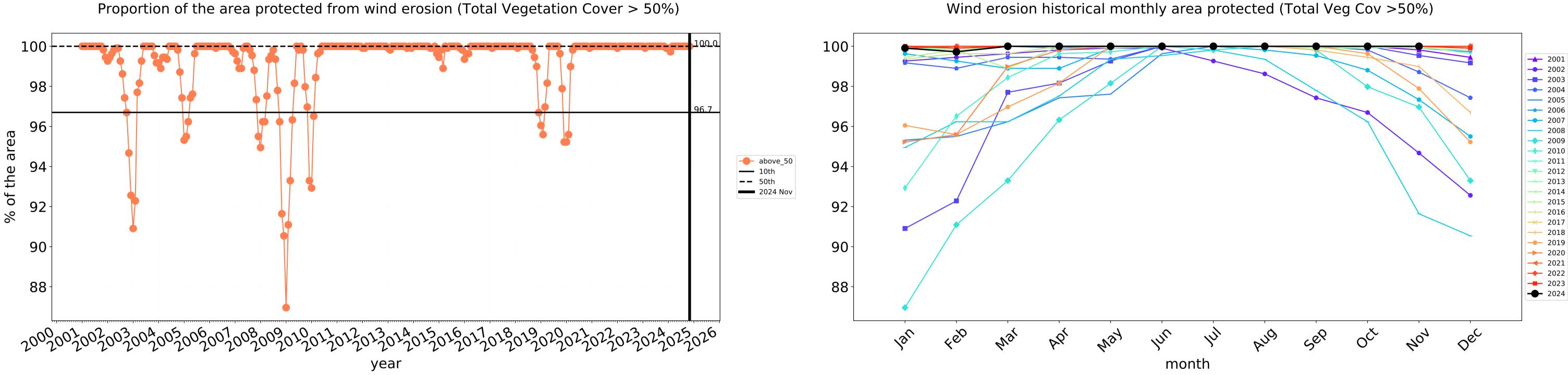
Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.







### **Production native forests and plantation forests timeseries**



---- above\_70

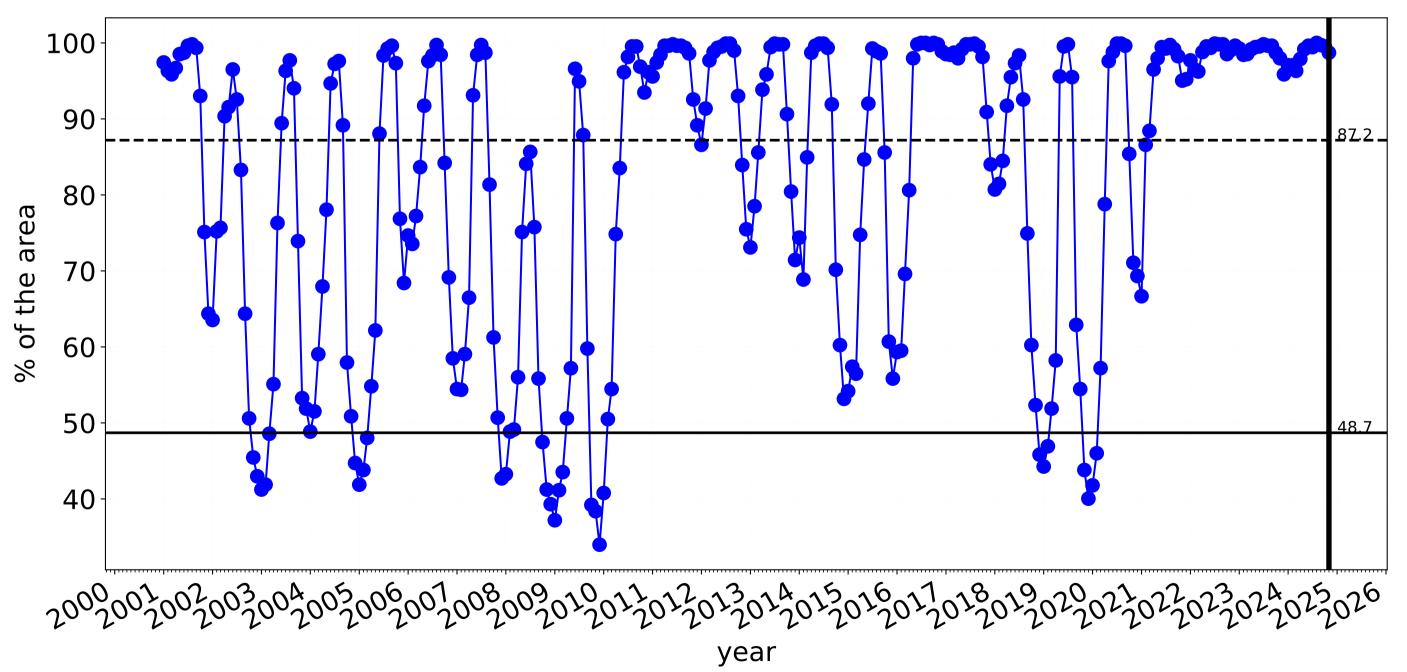
**—** 2024 Nov

**——** 10th

**——** 50th

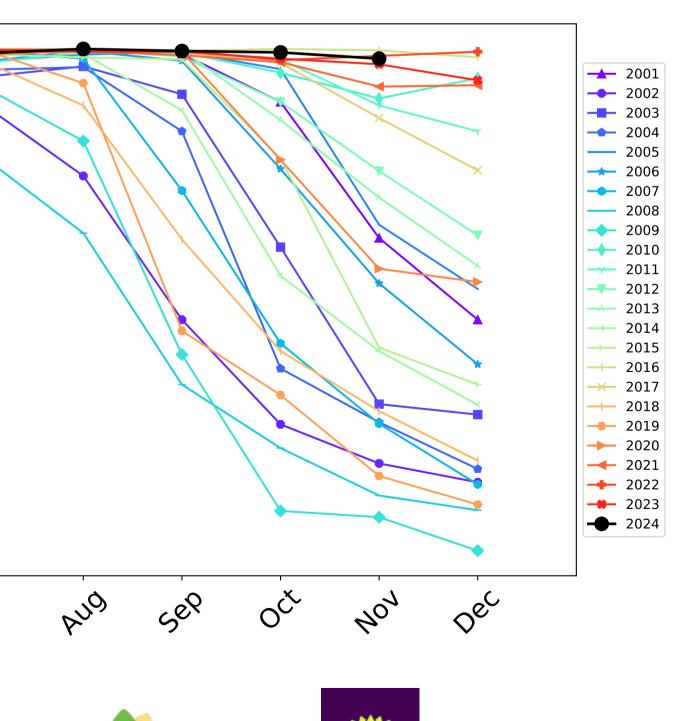
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)





100 90-80-70-60 50-40 4eb way In War Jan 1/2/ PQ1 month tern National Landcare Ecosystem Research Infrastructure Programm Australian Government

Water erosion historical monthly area protected (Total Veg Cov>70%)



**NSW** GOVERNMENT

# Carrathool\_(A) (1,887,775 ha and no data 5,121 ha) Percentage area and hectares protected with TVC threshold 30,50,70,80,90 and 95%

Land use and forest cover Class	area(ha)	above_30	above_50	above_70	above_80	above_90	above_95
Entire region	1,887,775	100.0% 1,887,375	99.3% 1,875,250	78.4% 1,480,900	36.4% 687,375	4.7% 88,125	1.3% 24,375
Conservation and natural environments	145,000	100.0% 145,000	100.0% 145,000	98.7% 143,100	69.8% 101,225	3.9% 5,725	0.7% 1,000
Conservation and natural environments non forest	52,025	100.0% 52,025	100.0% 52,025	97.0% 50,475	56.8% 29,550	6.0% 3,125	1.6% 850
Conservation and natural environments Woodland forest	73,600	100.0% 73,600	100.0% 73,600	99.6% 73,300	81.6% 60,075	2.2% 1,625	0.0% 25
Conservation and natural							
environments Forest (non woodland)	19,375	100.0% 19,375	100.0% 19,375	99.7% 19,325	59.9% 11,600	5.0% 975	0.6% 125
Agriculture	1,687,250	100.0% 1,687,150	99.3% 1,675,325	76.4% 1,289,275	33.3% 561,050	4.8% 80,375	1.4% 23,050
Grazing	1,070,425	100.0% 1,070,325	99.7% 1,067,625	85.7% 916,975	39.8% 425,975	5.3% 56,275	1.3% 14,275
Grazing non forest	935,425	100.0% 935,325	99.7% 932,850	84.1% 786,425	37.3% 348,875	5.6% 52,175	1.5% 13,950
Grazing Woodland forest	98,975	100.0% 98,975	99.8% 98,750	95.8% 94,775	55.3% 54,750	2.6% 2,575	0.1% 125
Grazing - Forest (non woodland)	36,025	100.0% 36,025	100.0% 36,025	99.3% 35,775	62.0% 22,350	4.2% 1,525	0.6% 200
Cropping	492,875	100.0% 492,875	98.6% 485,875	58.0% 285,975	18.9% 93,050	2.8% 13,950	0.9% 4,525
Irrigation	123,150	100.0% 123,150	98.3% 121,025	69.4% 85,525	33.6% 41,425	8.1% 9,950	3.4% 4,200
Production native forests and plantation forests	27,225	100.0% 27,225	100.0% 27,225	98.7% 26,875	58.1% 15,825	2.9% 800	0.1% 25

