

# Total vegetation cover soil protection

Region:LGA Robe\_(DC) SA

Date: June 2021

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 cover class that 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>



**tern**  
Ecosystem Research Infrastructure



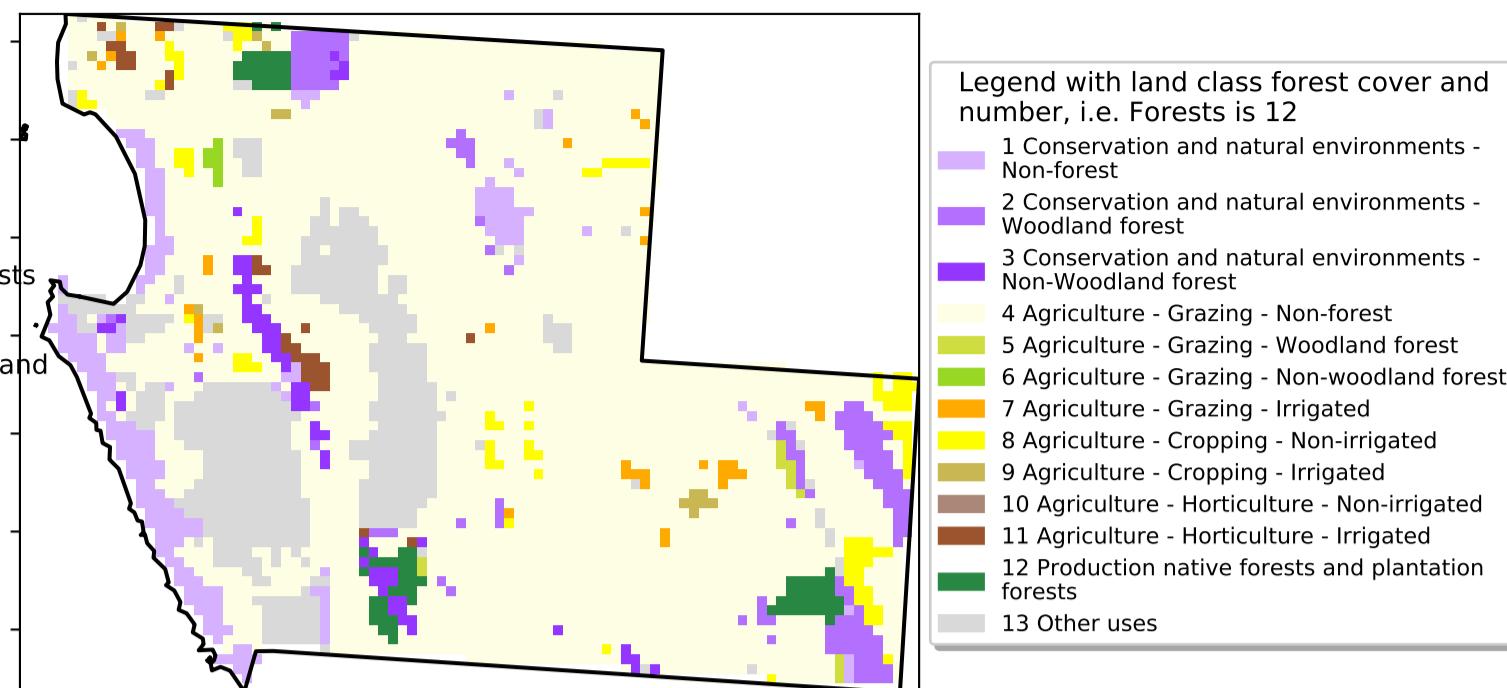
National  
Landcare  
Programme



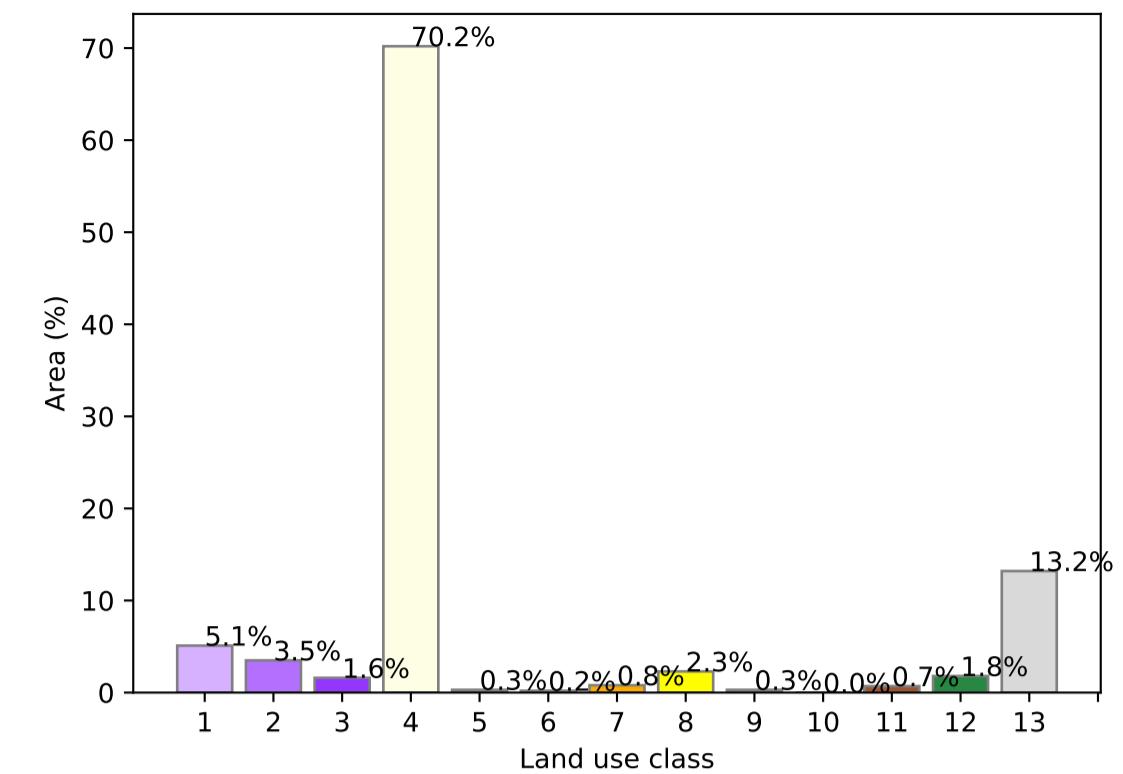
# Vegetation Cover Jun 2021

Land use and forest cover

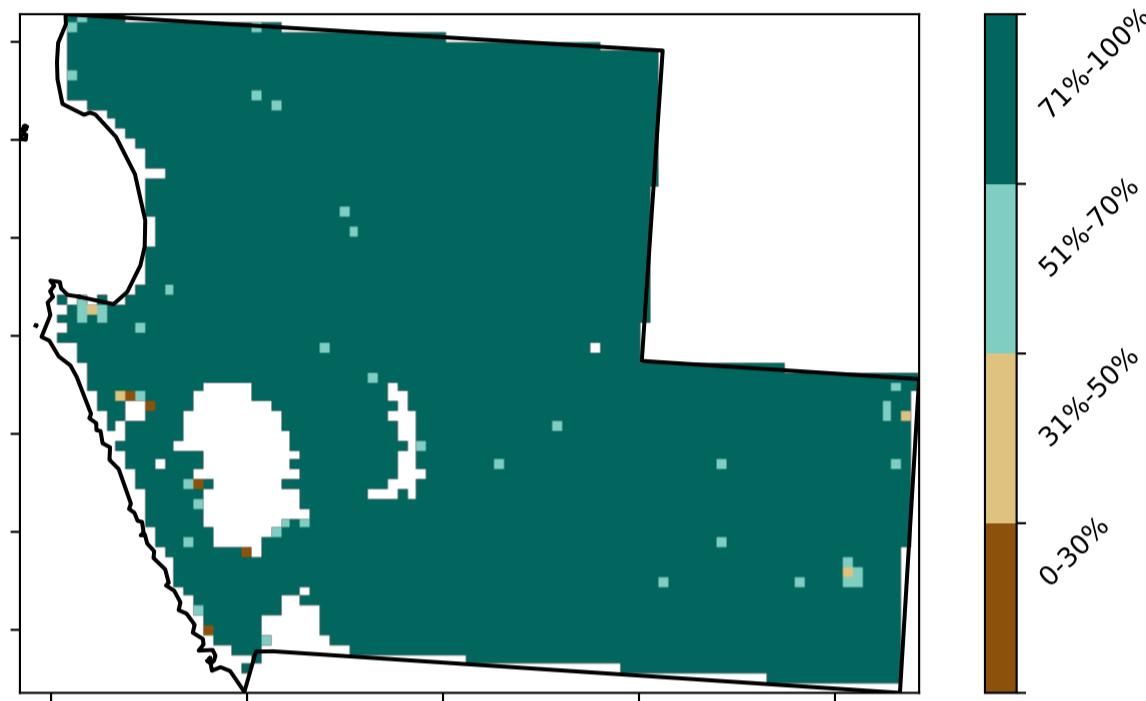
Catchment Scale  
Land Use and Forests  
of Australia (2018)  
Derived from  
Catchment Scale Land  
Use of Australia  
(2018) and Forests  
of Australia (2018)



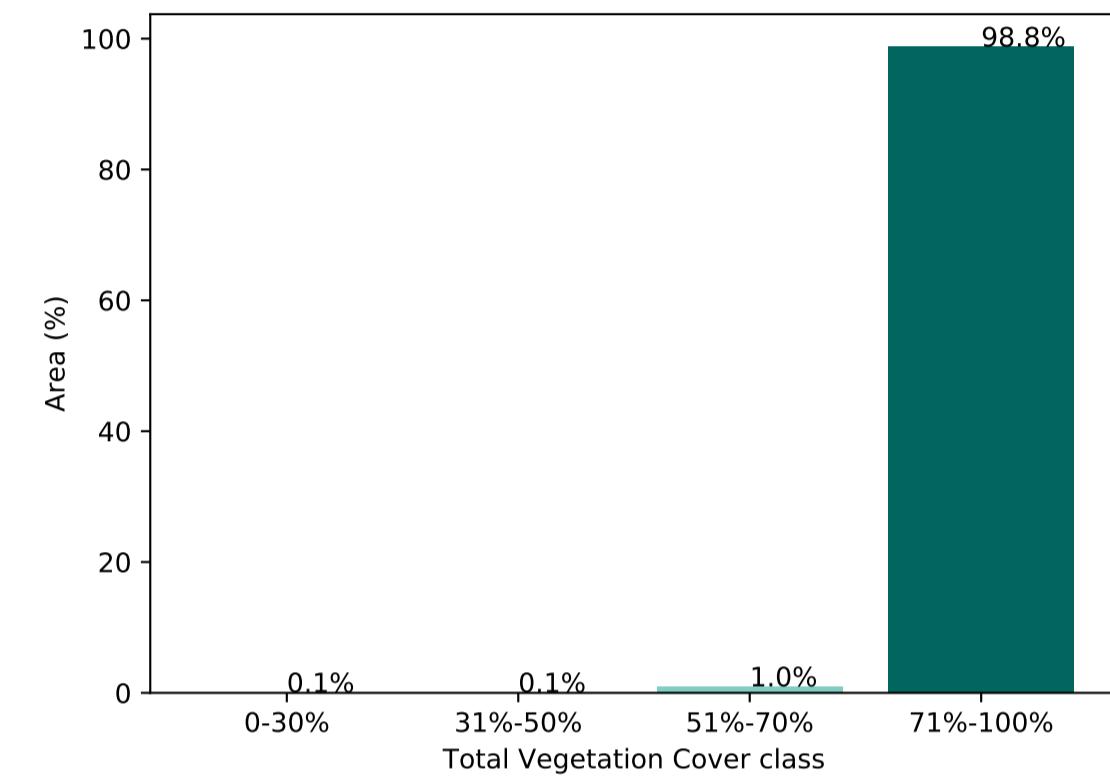
Proportion of each land class in area



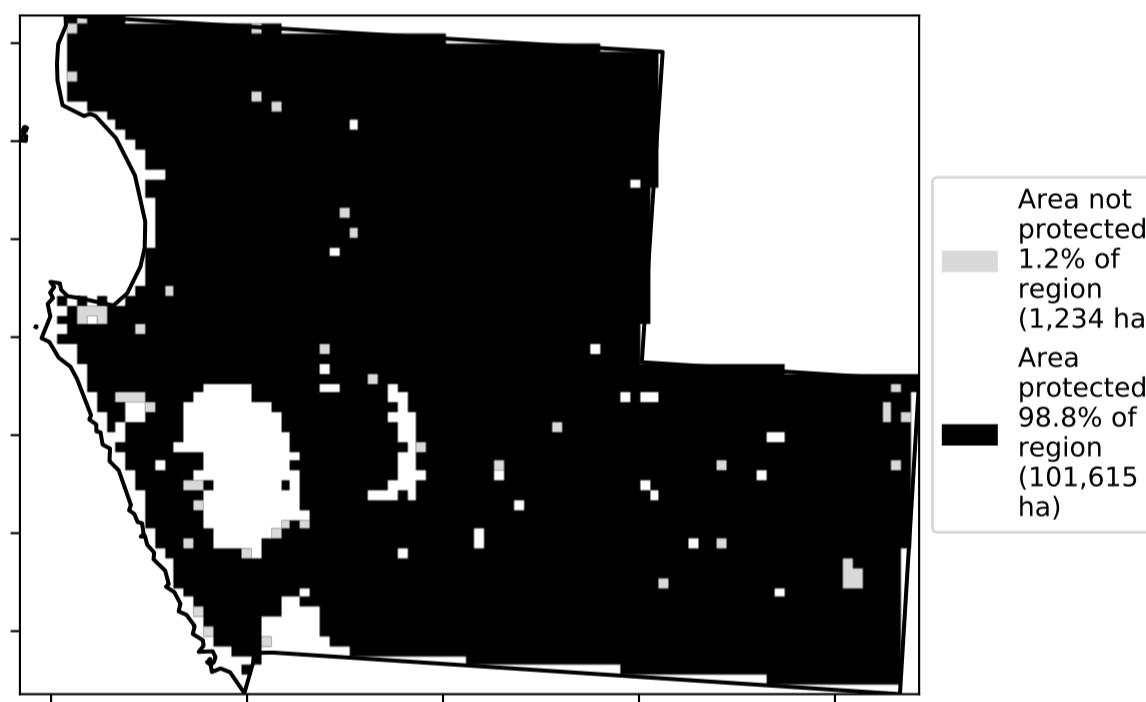
Total Vegetation Cover [%]



Proportion of vegetation cover class in area



% Area protected from water erosion (>70%)

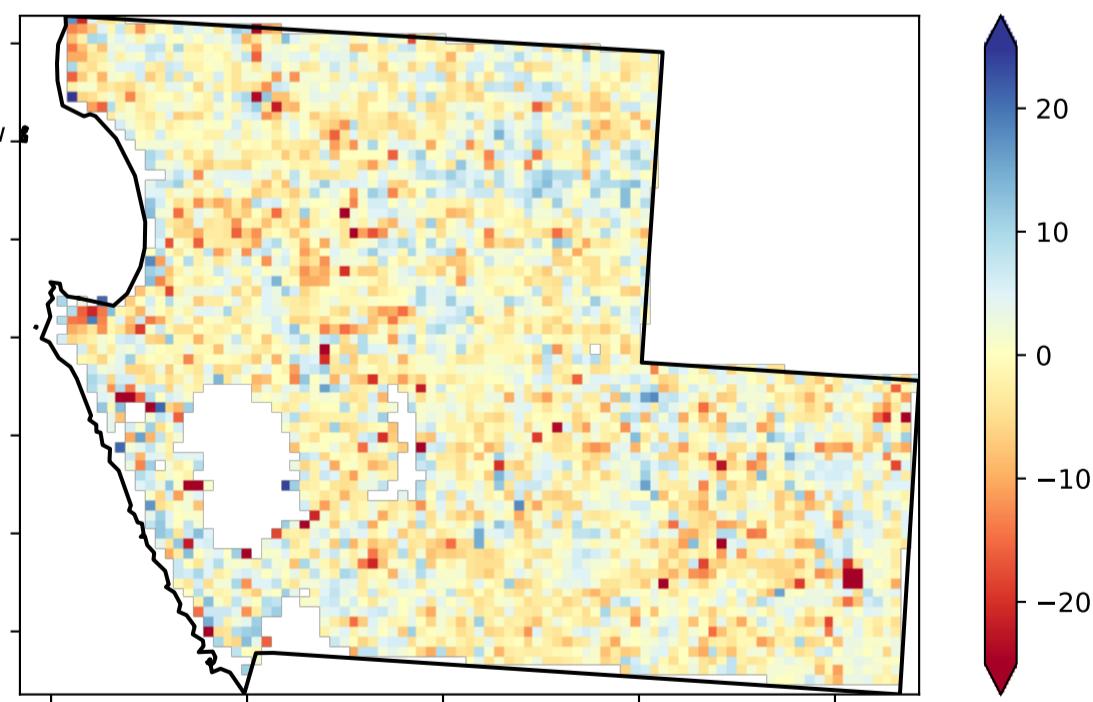


% Area protected from wind erosion (>50%)



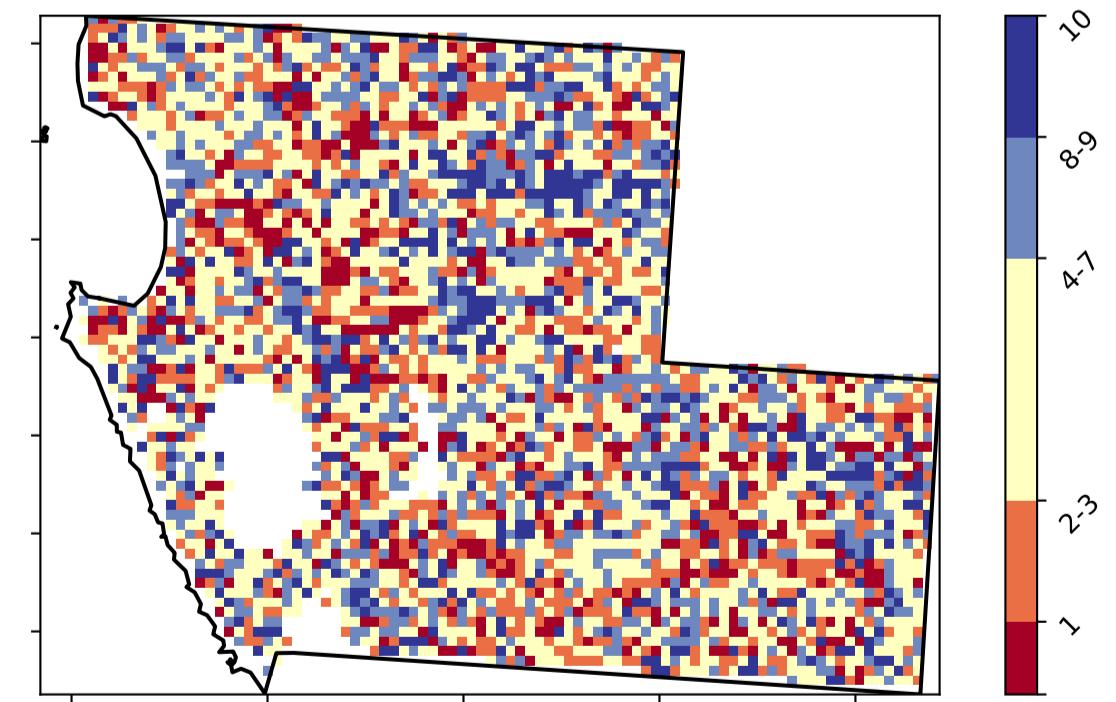
Total Vegetation Cover Anomaly [%]

Anomaly shows how many percentage 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.

Total Vegetation Cover Decile [%]



tern

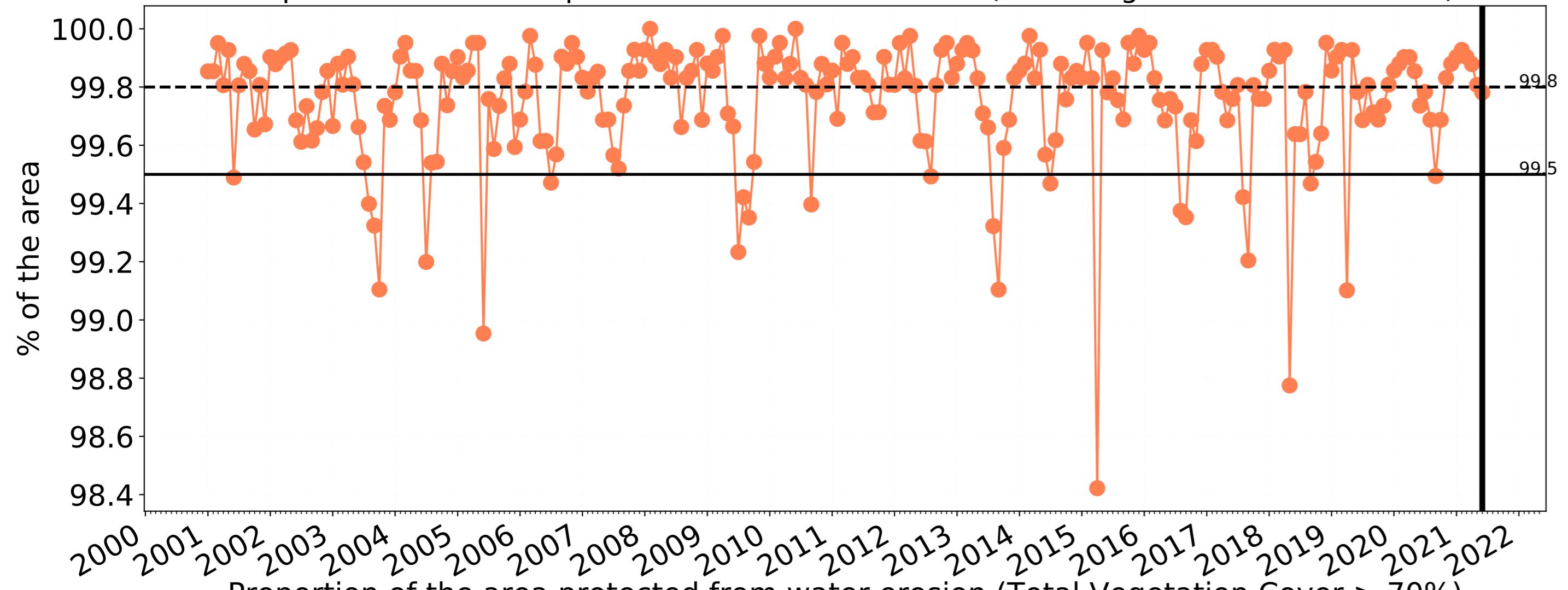
Ecosystem Research Infrastructure



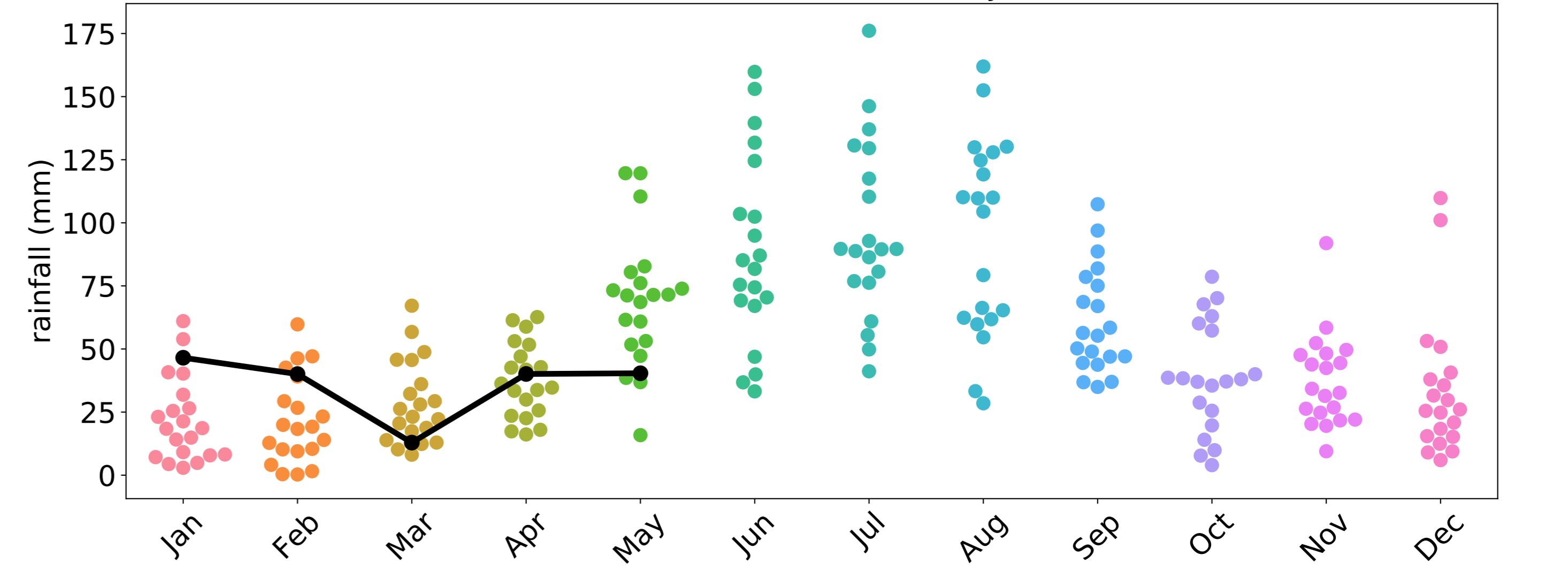
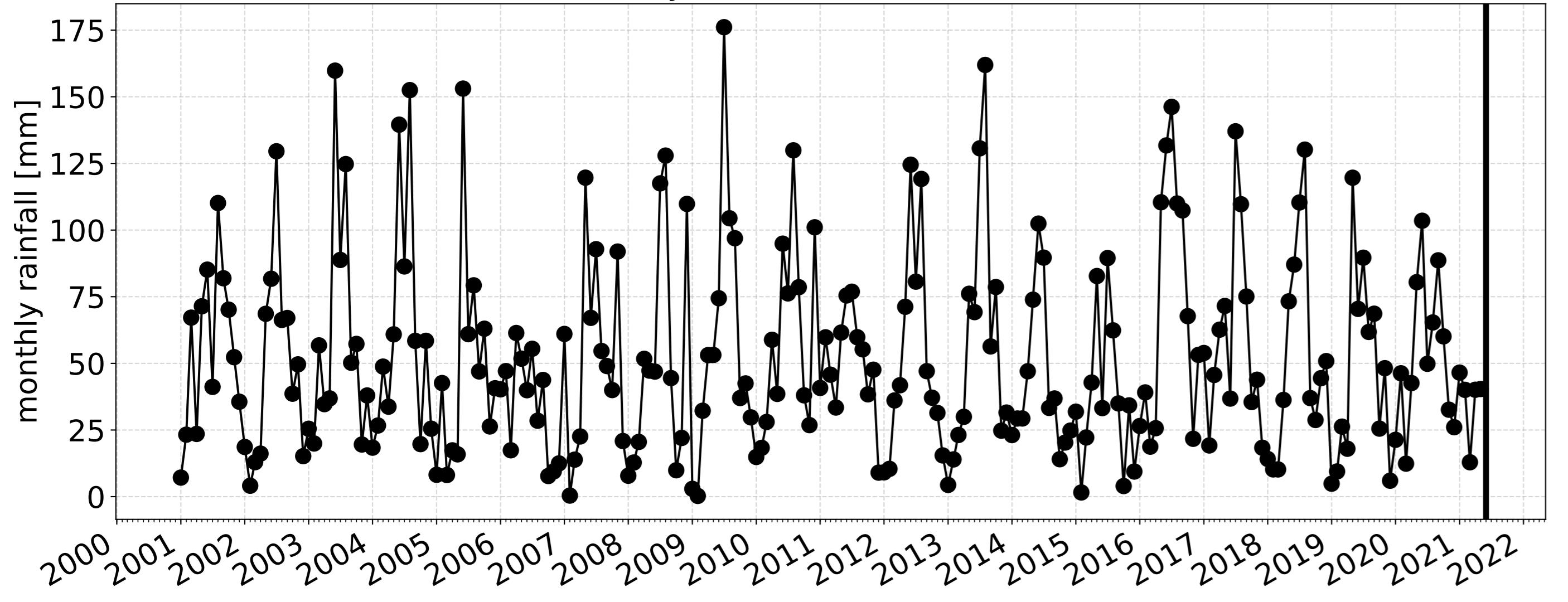
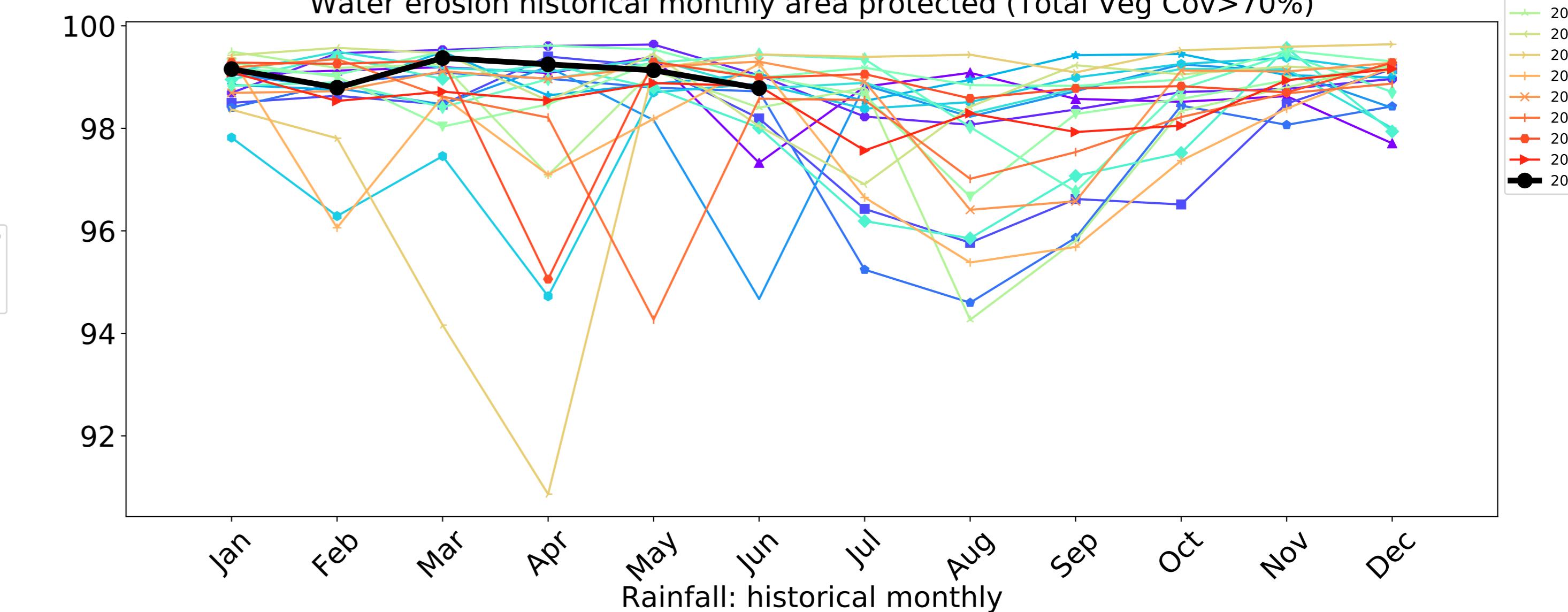
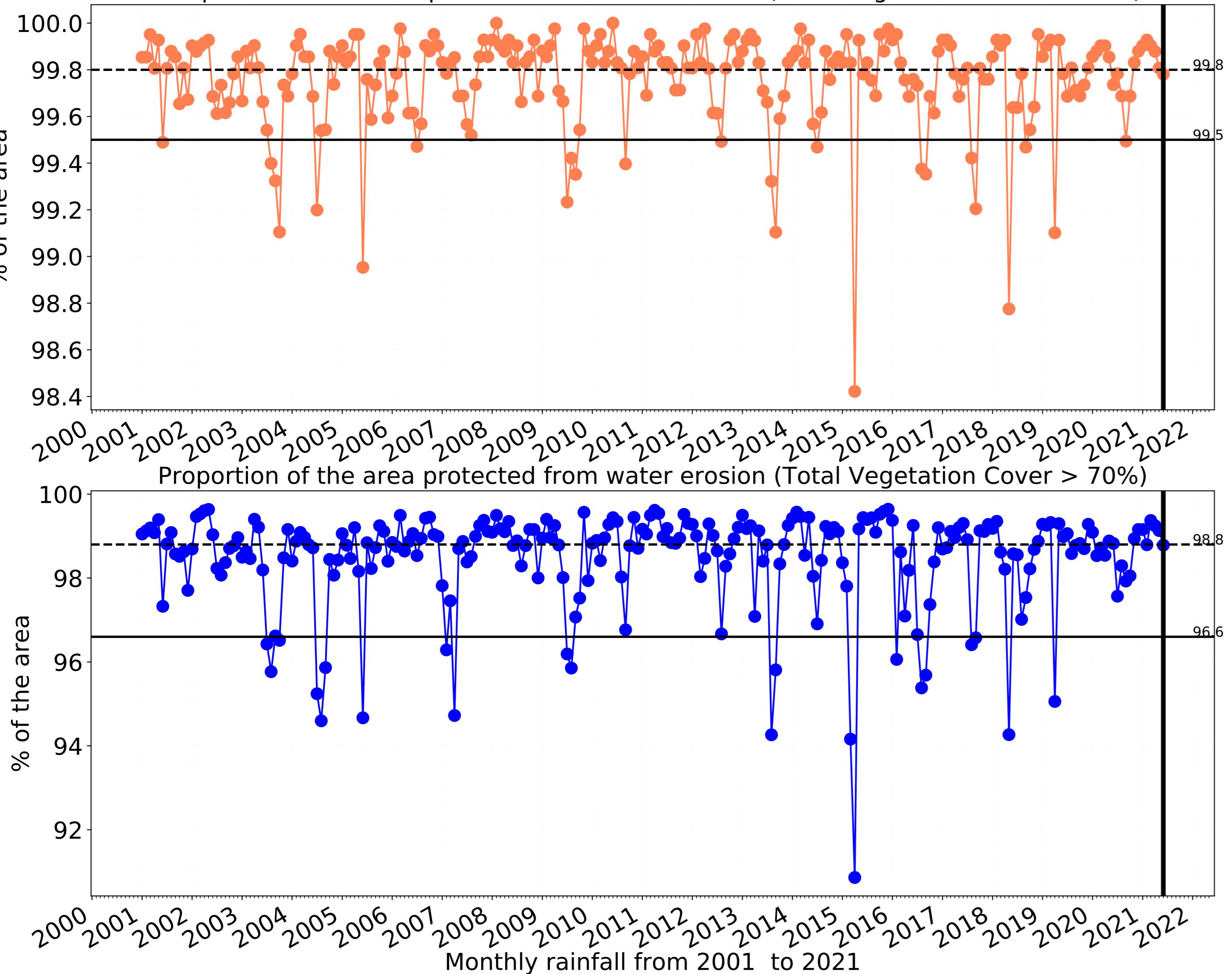
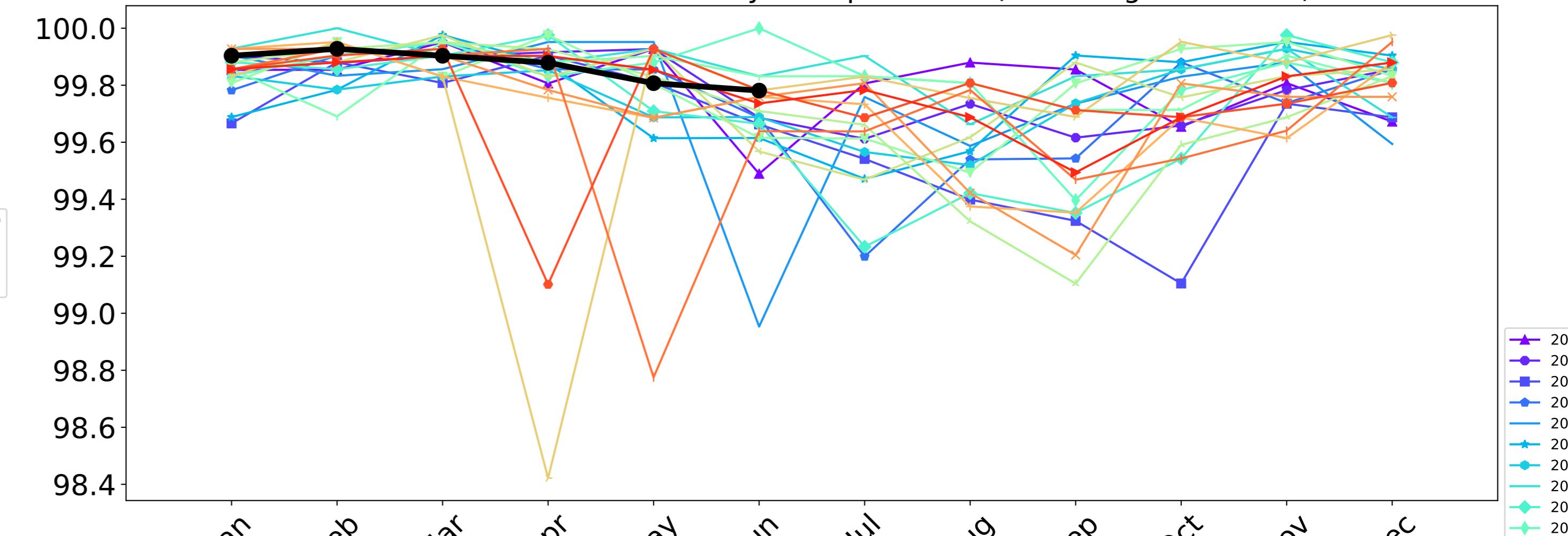
National  
Landcare  
Programme



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



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

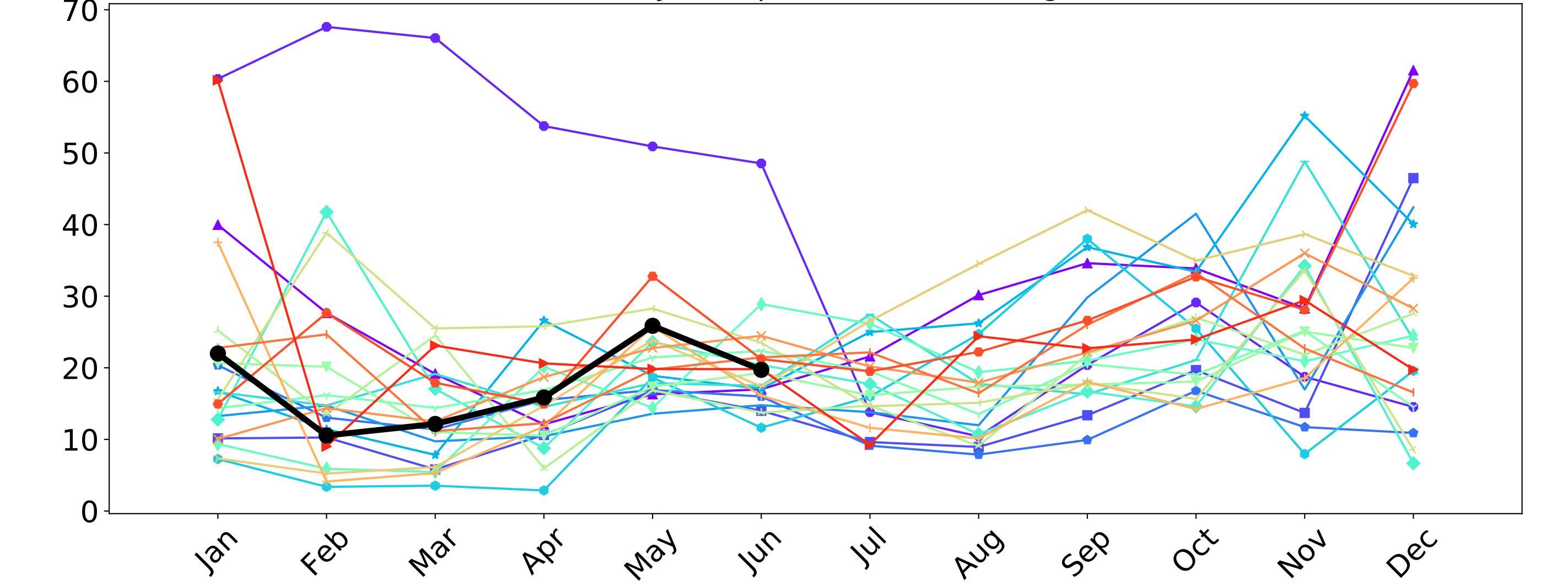
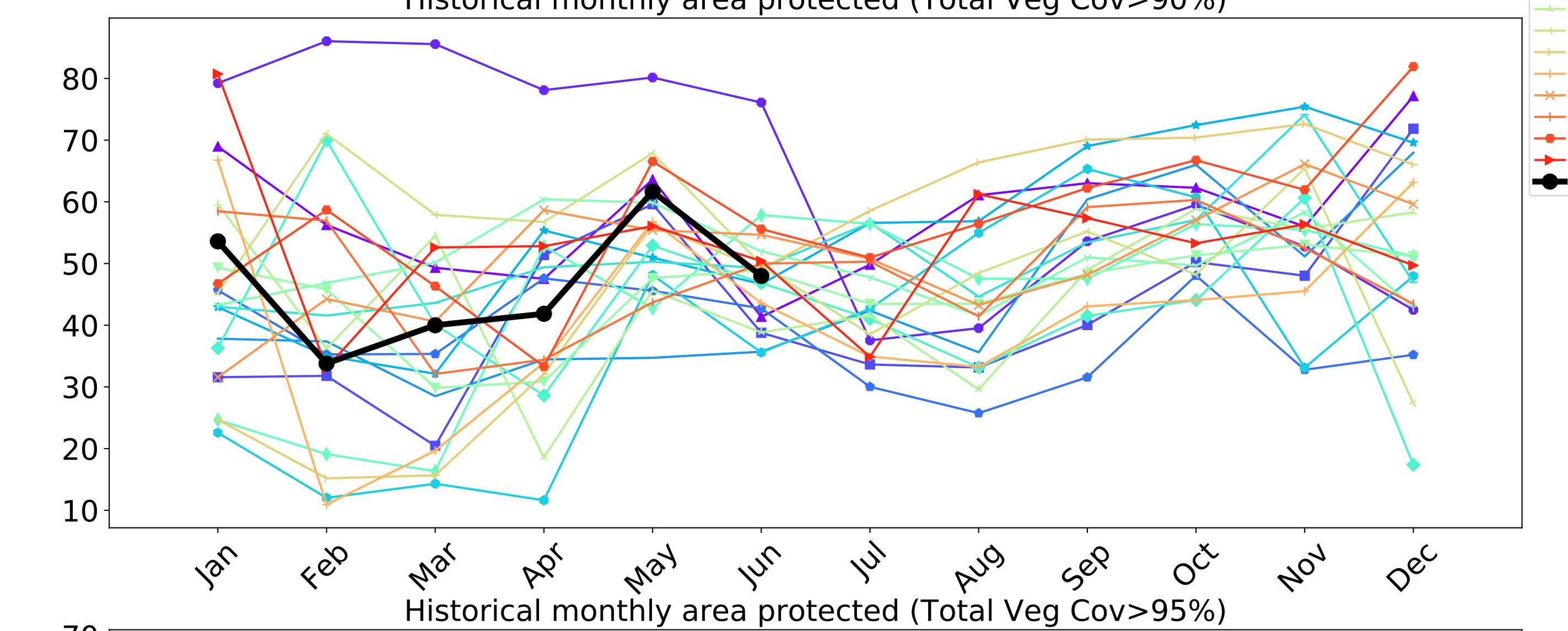
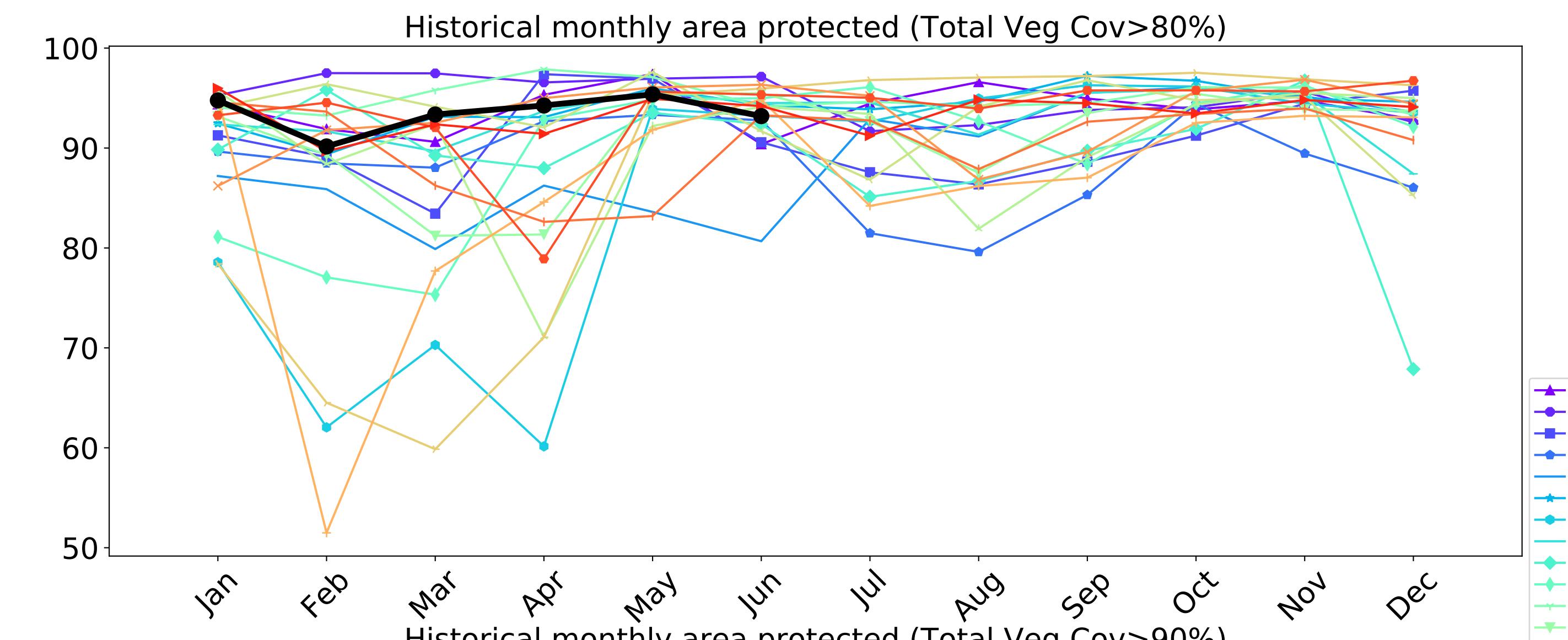
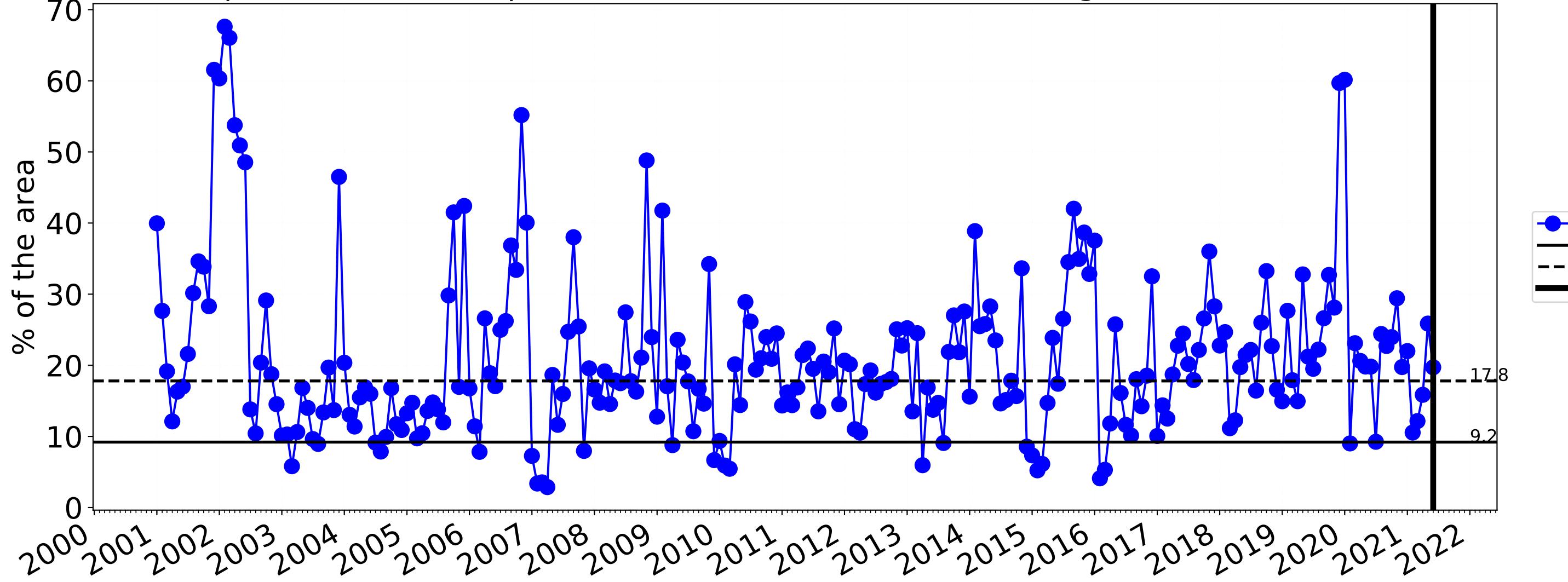
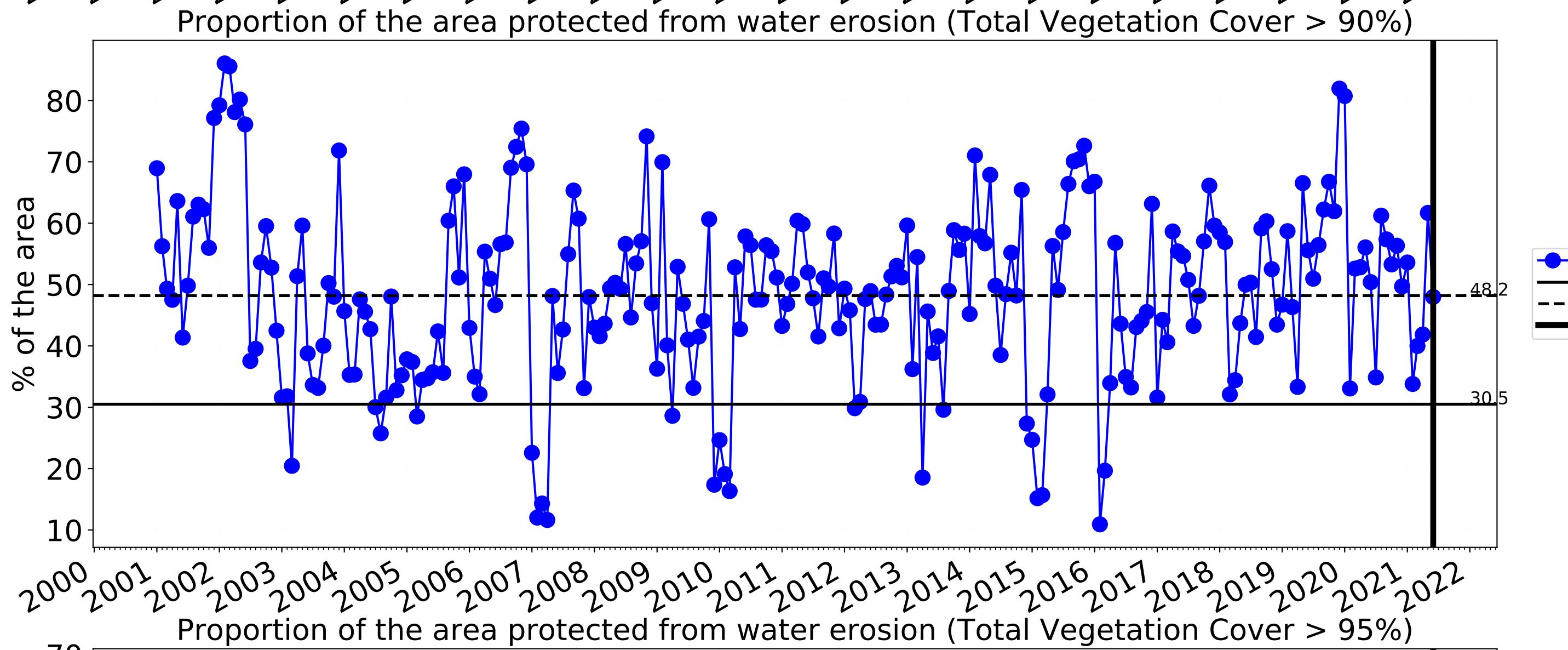
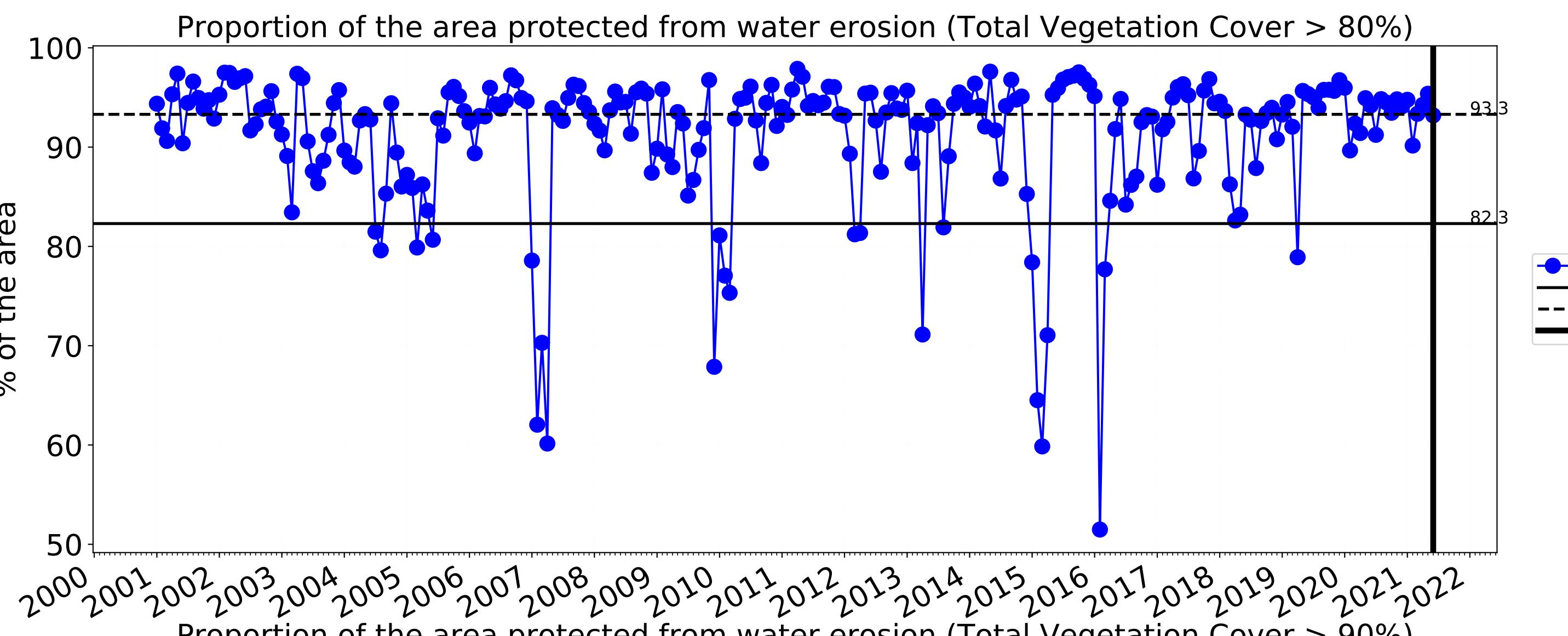


**tern**  
Ecosystem Research Infrastructure



National  
Landcare  
Programme

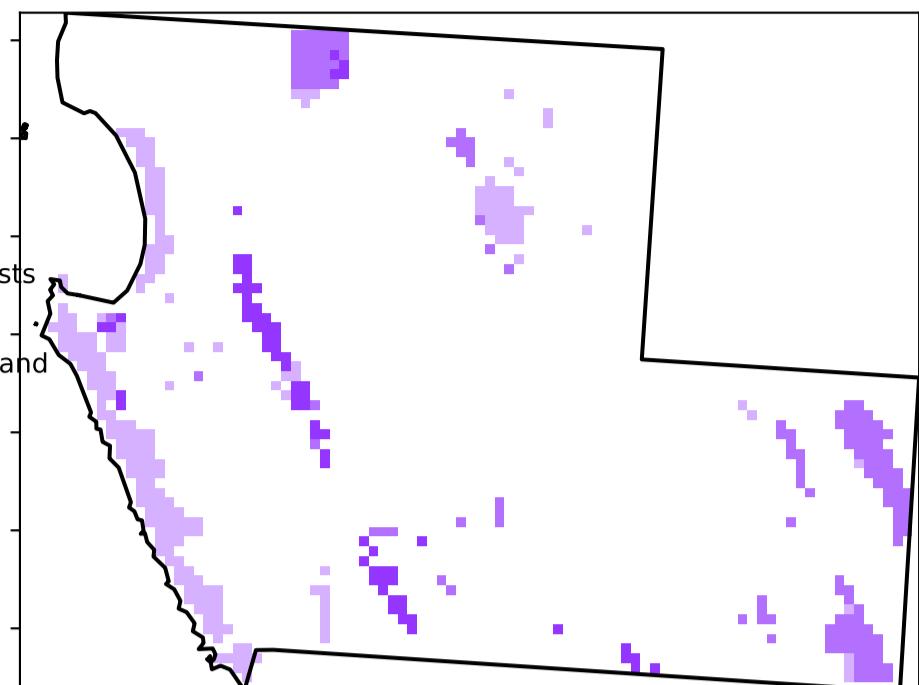




# Conservation and natural environments

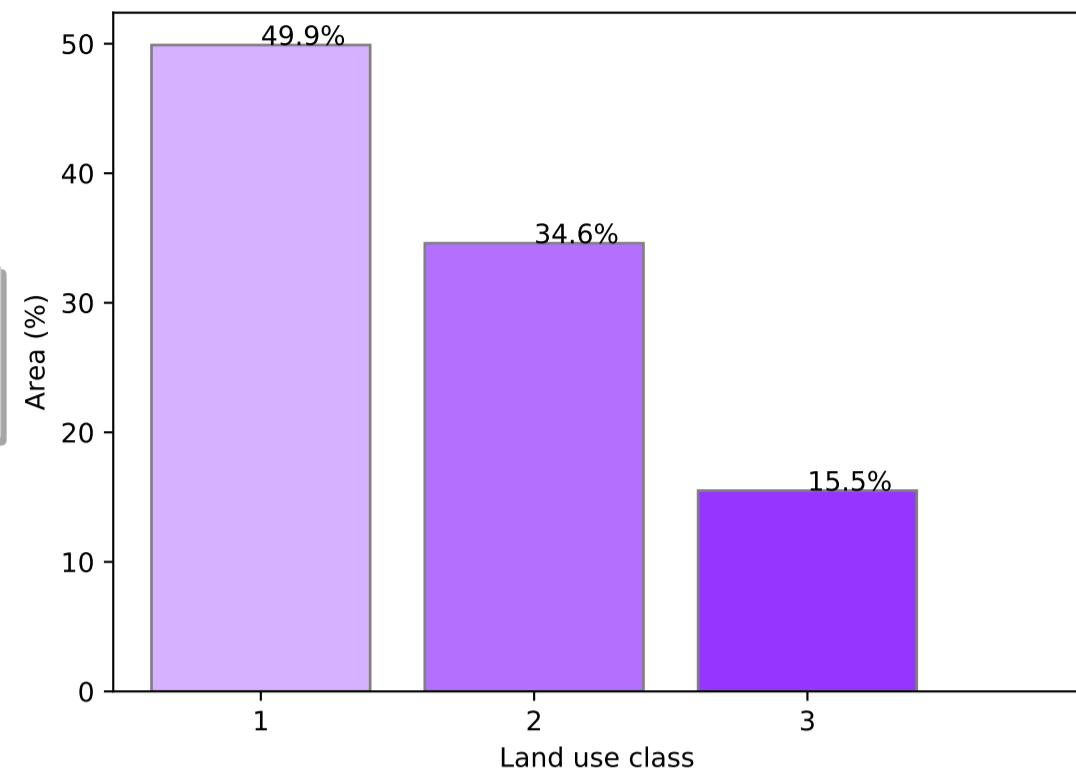
**Land use and forest cover**

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

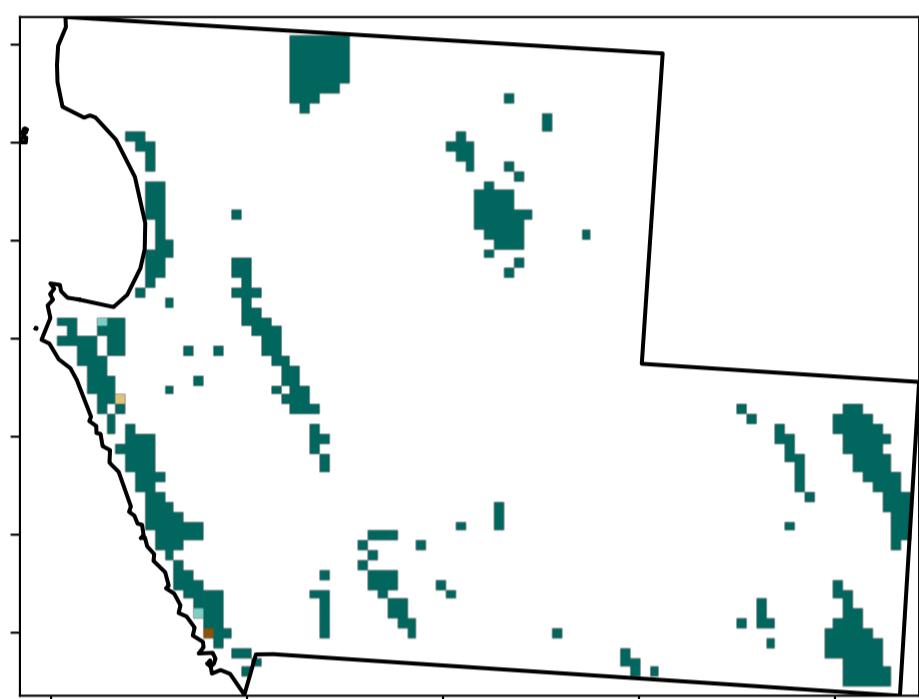


- 1 Conservation and natural environments - Non-forest
- 2 Conservation and natural environments - Woodland
- 3 Conservation and natural environments - Non-woodland forest

**Proportion of each land class in area**

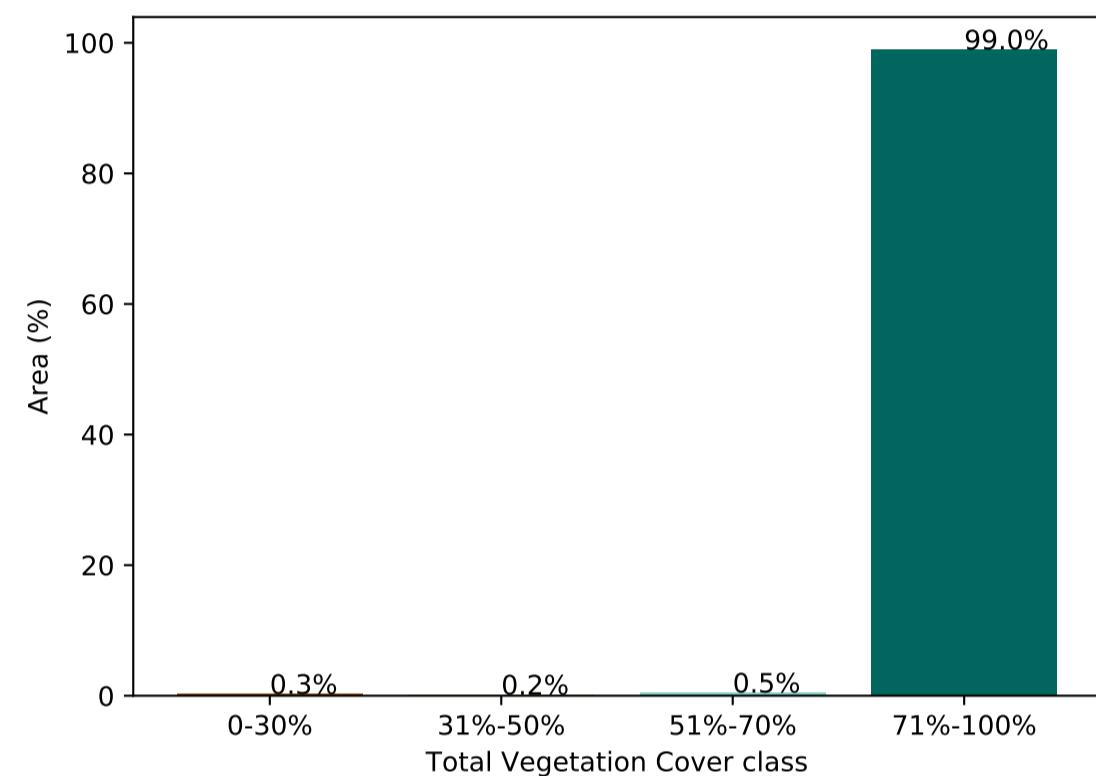


**Total Vegetation Cover [%]**

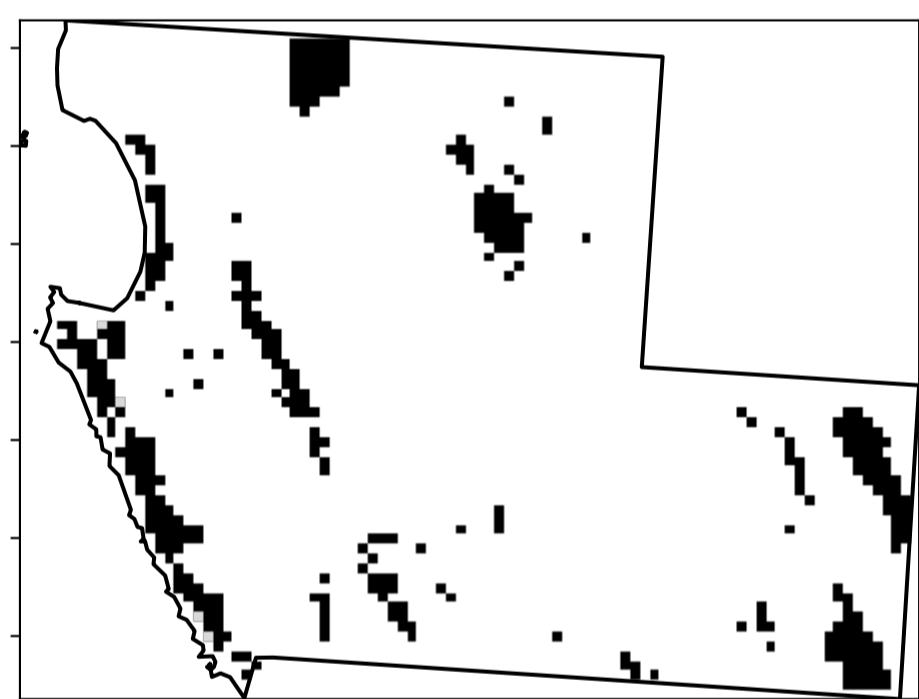


- 0-30%
- 31%-50%
- 51%-70%
- 71%-100%

**Proportion of vegetation cover class in area**

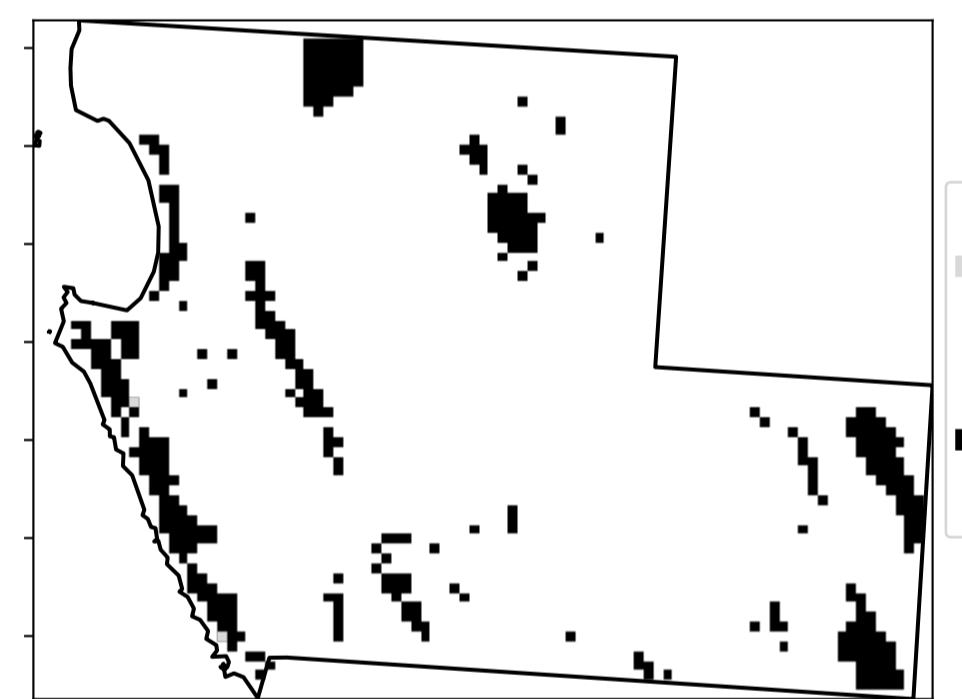


**% Area protected from water erosion (>70%)**



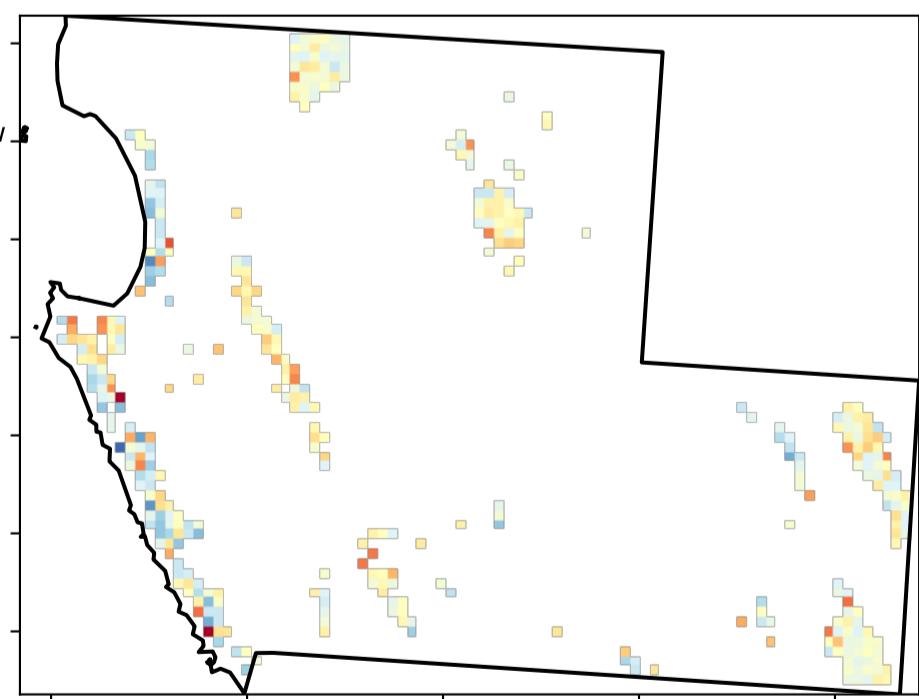
- Area not protected  
1.0% of region (102 ha)
- Area protected  
99.0% of region (10,147 ha)

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



**Total Vegetation Cover Anomaly [%]**

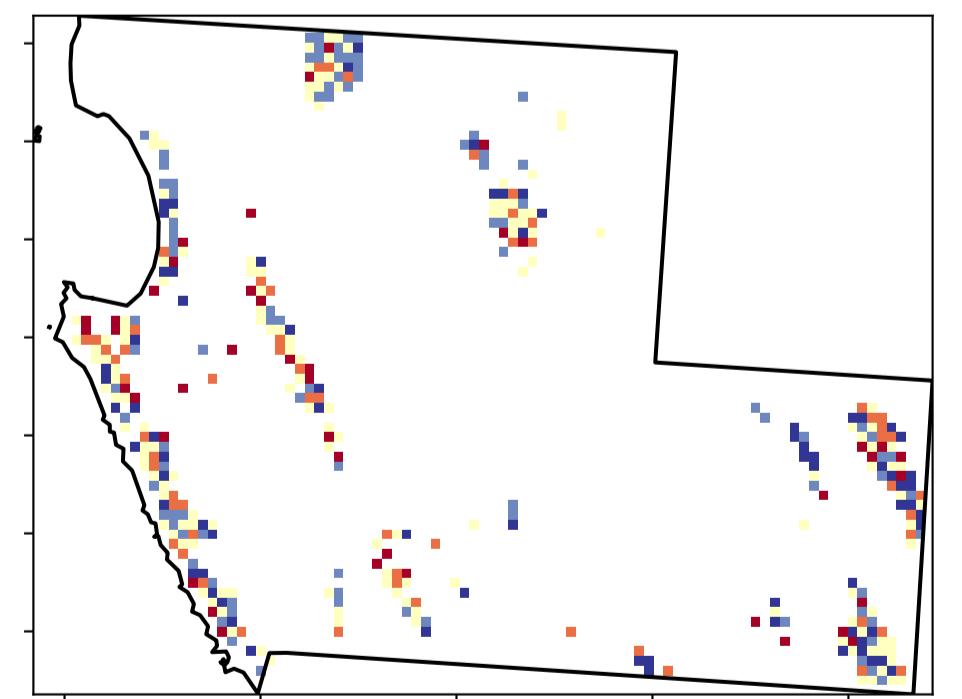
Anomaly shows how many percentage points each pixel is from the mean. That is, red pixels are about 20% lower than the mean of that pixel. The mean is only for the month of the map using baseline from 2001 to 2019.



- 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 [%]**



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



Ecosystem Research Infrastructure

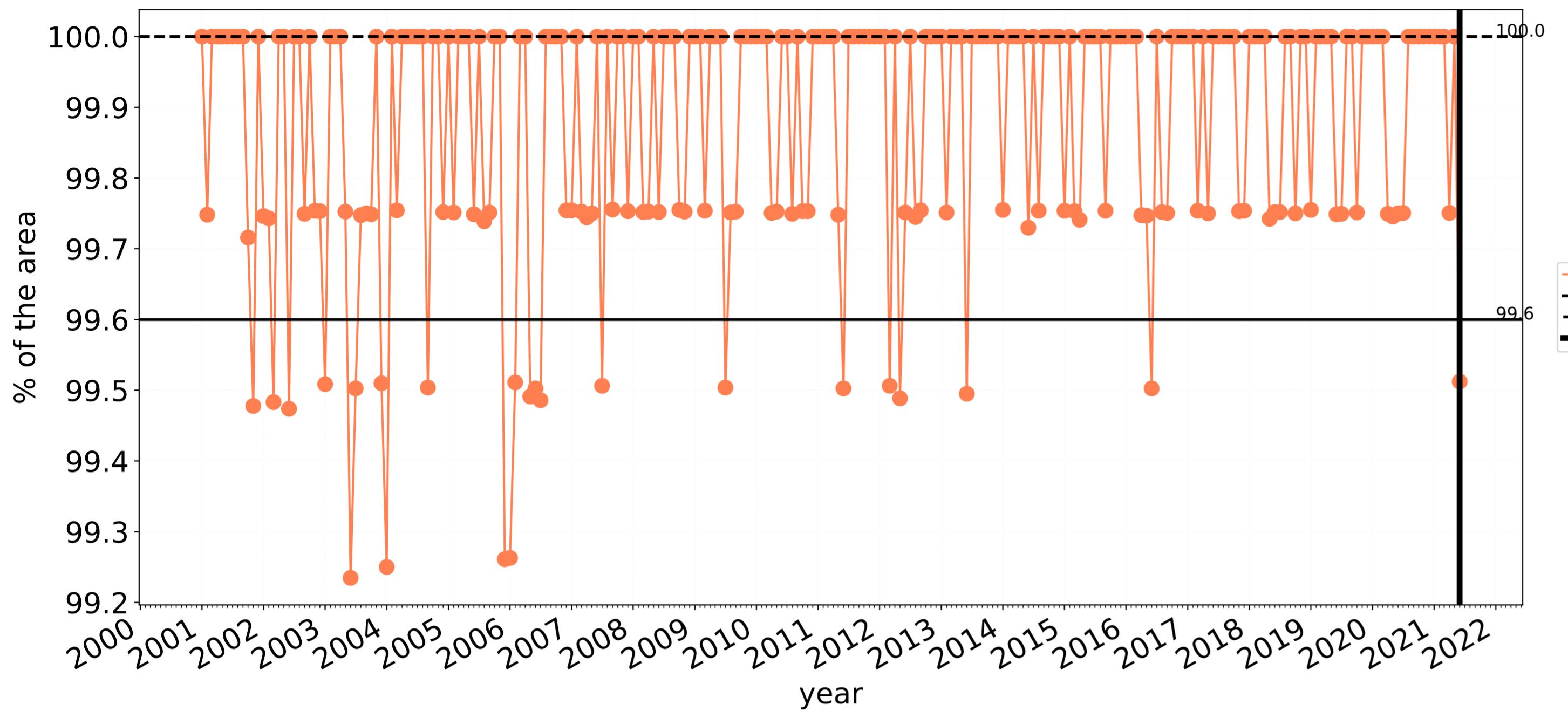


National Landcare Programme

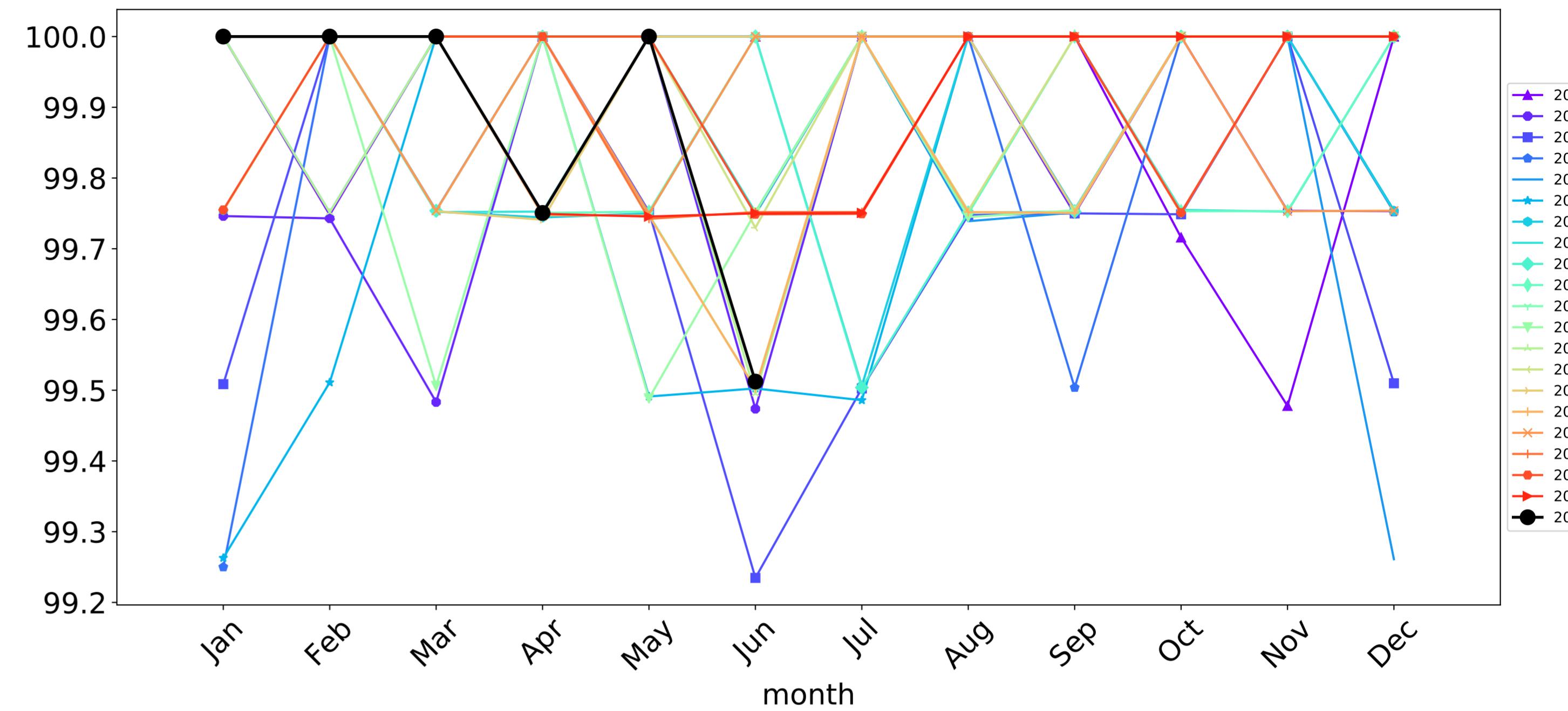


## Conservation and natural environments timeseries

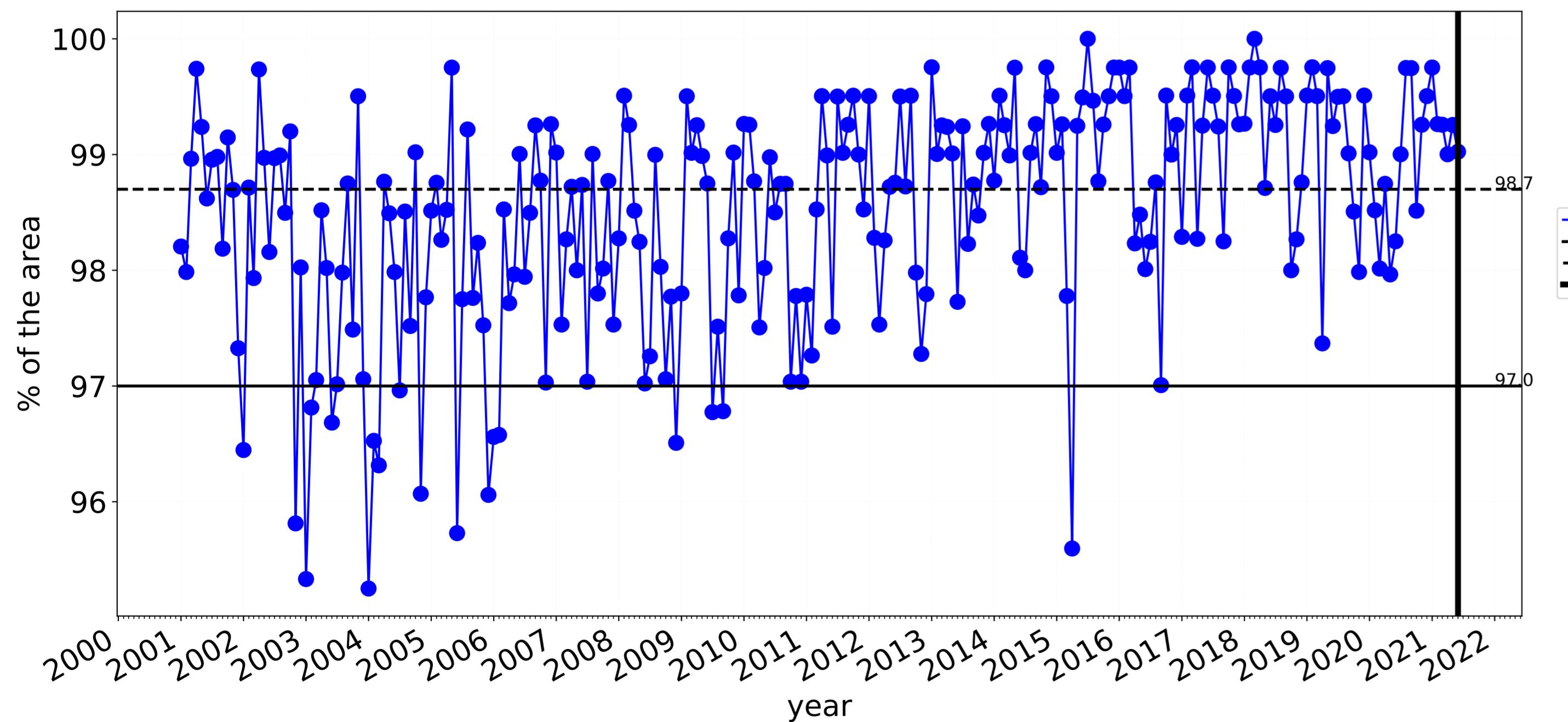
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



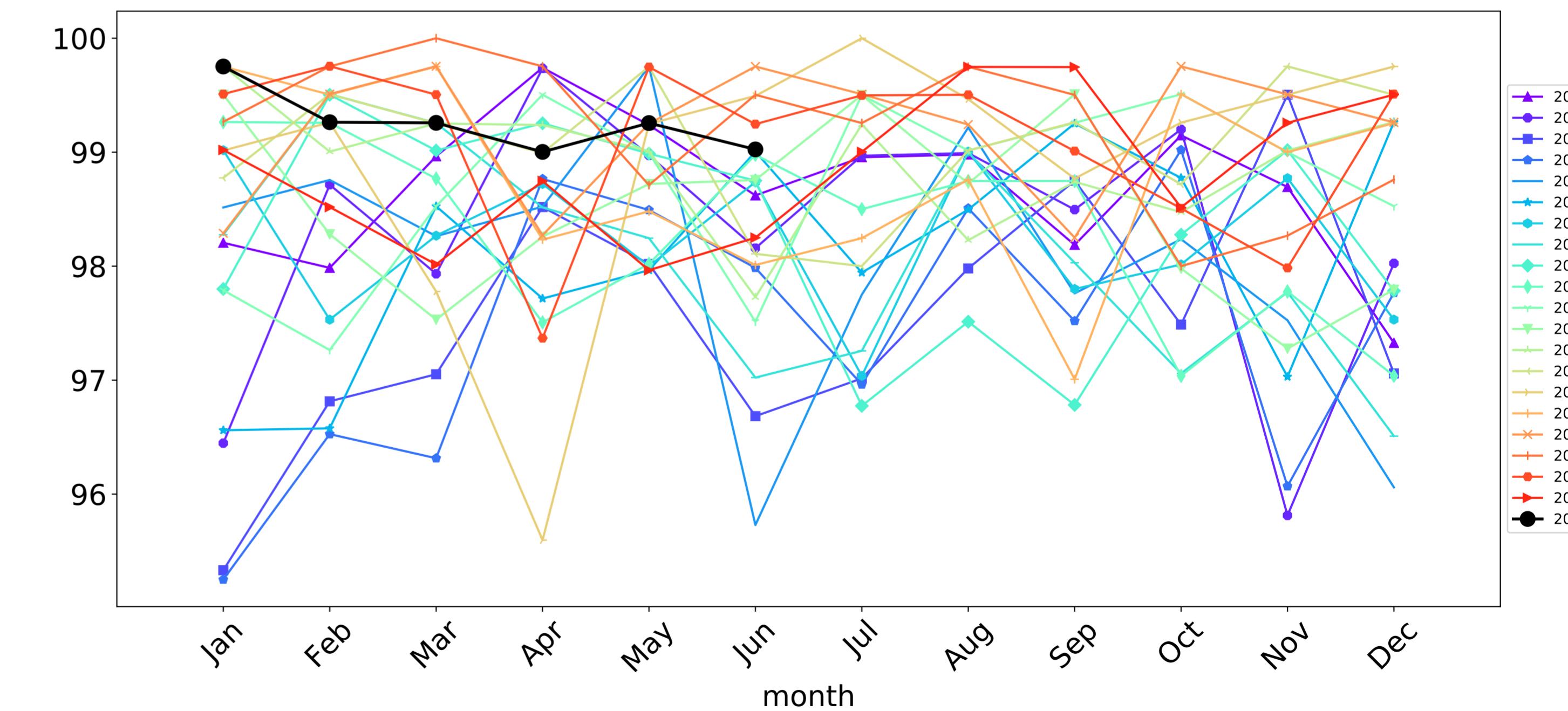
Wind erosion historical monthly area protected (Total Veg Cov >50%)



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



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



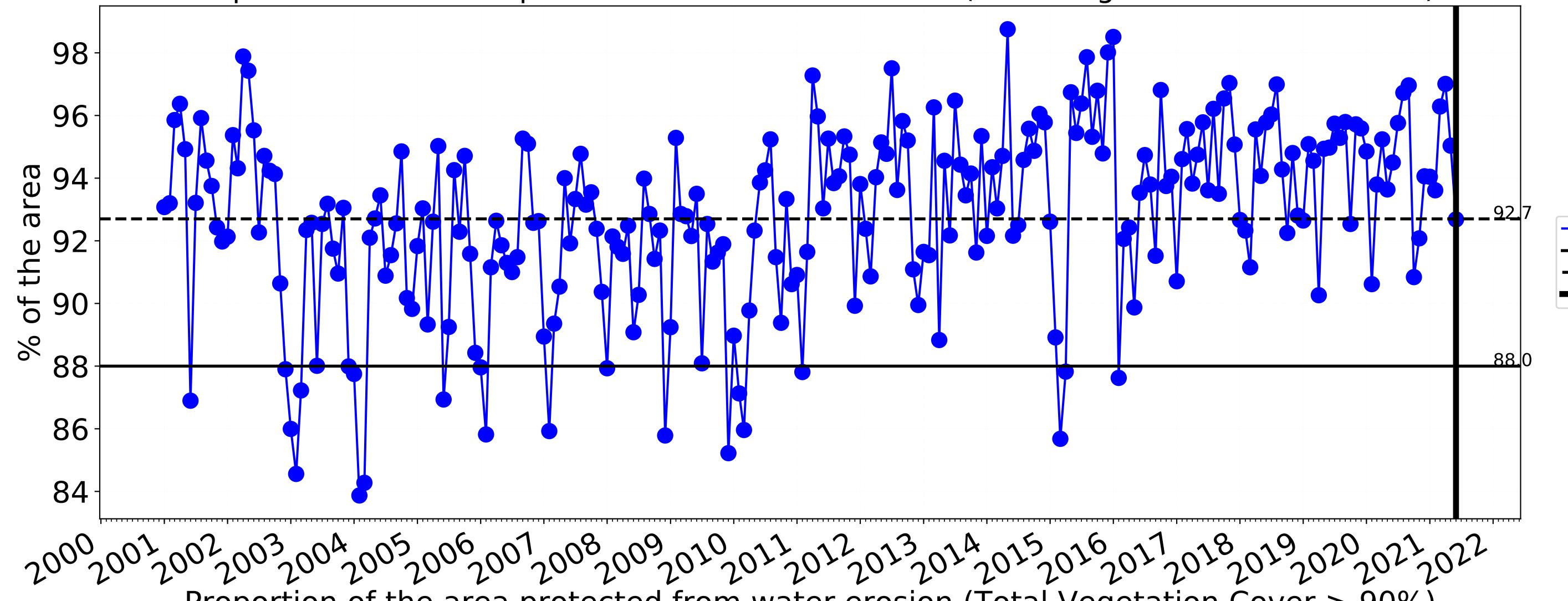
**tern**  
Ecosystem Research Infrastructure



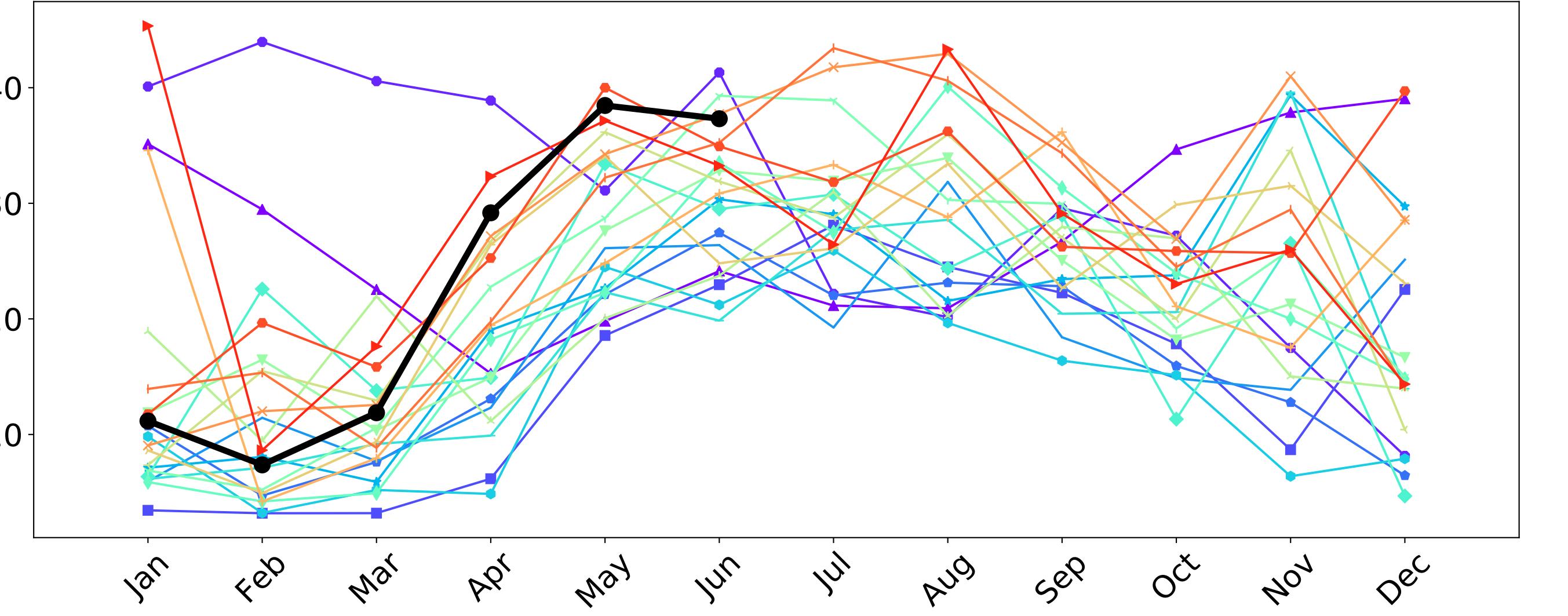
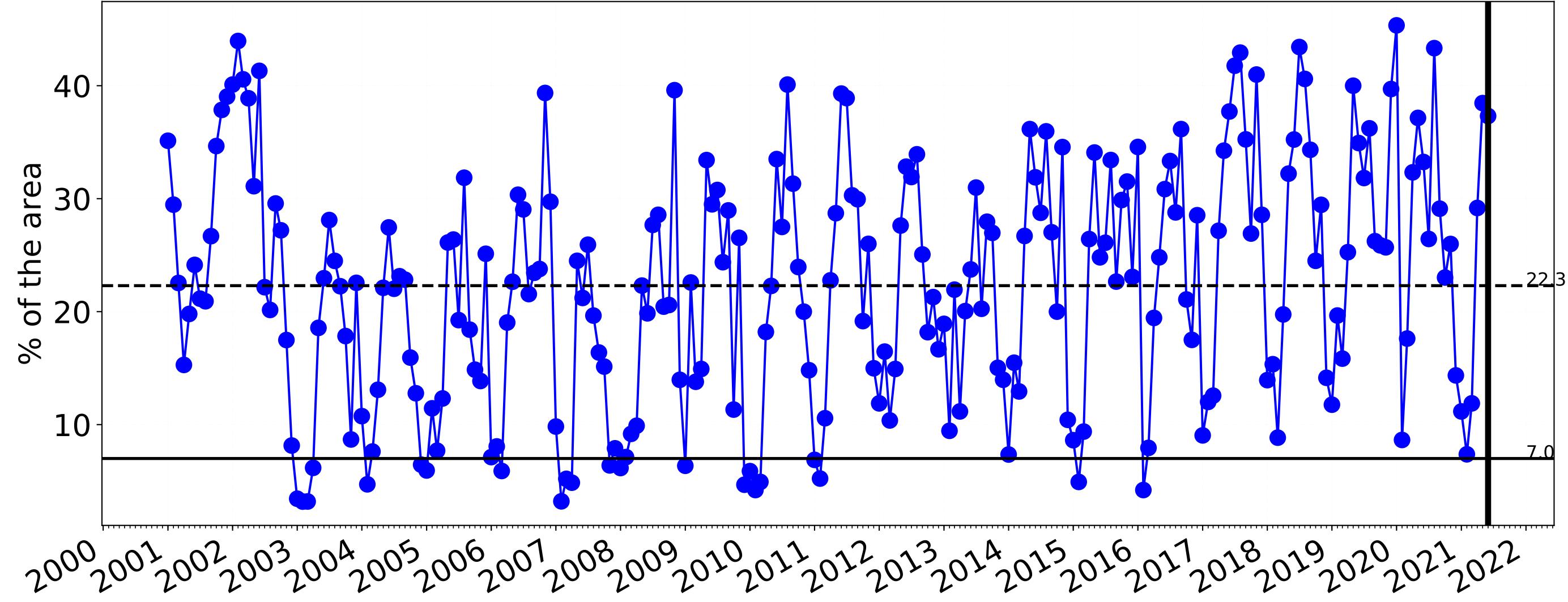
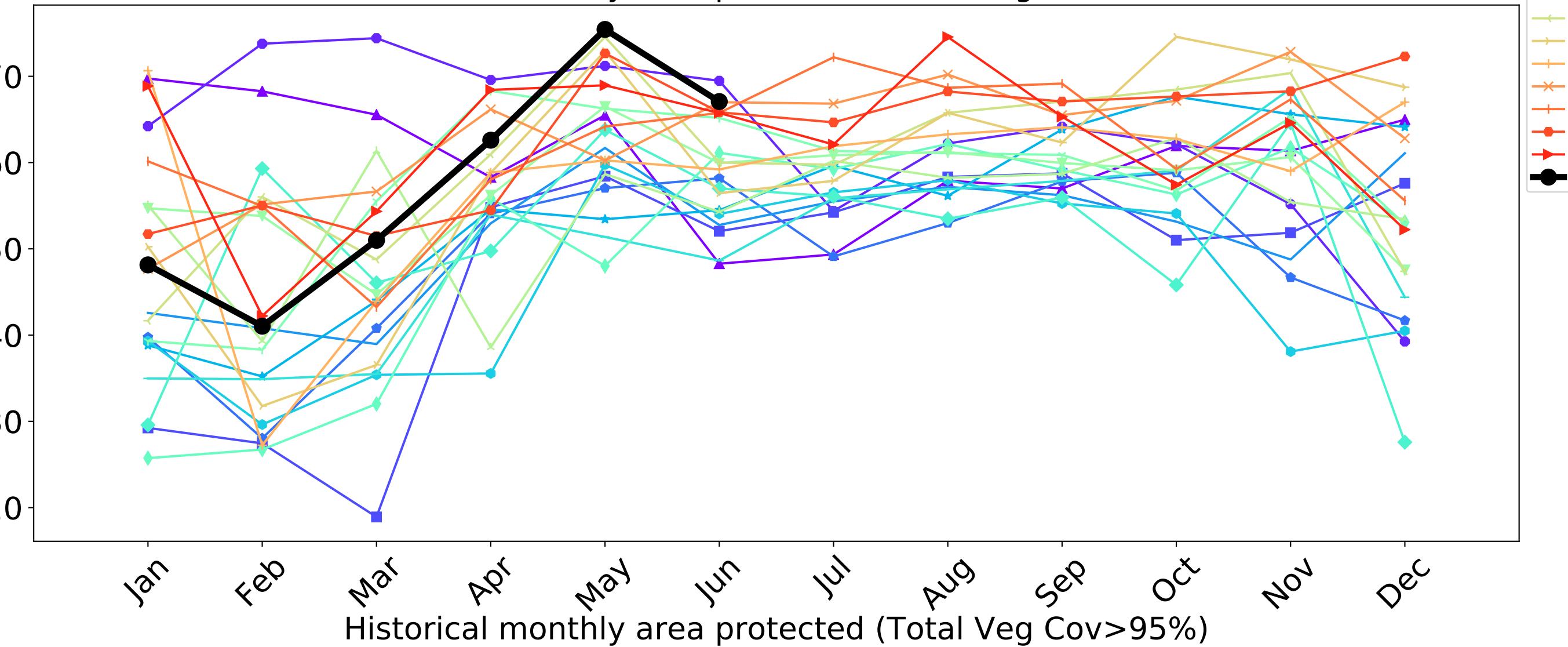
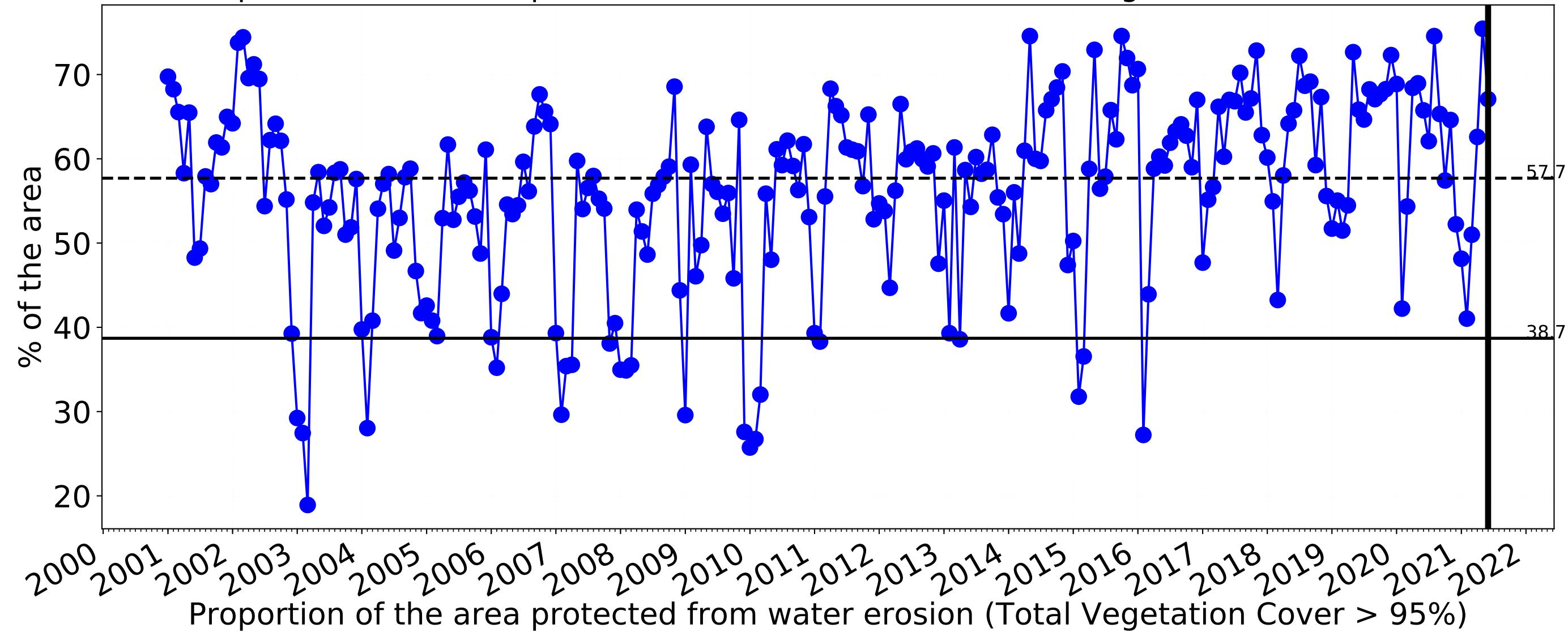
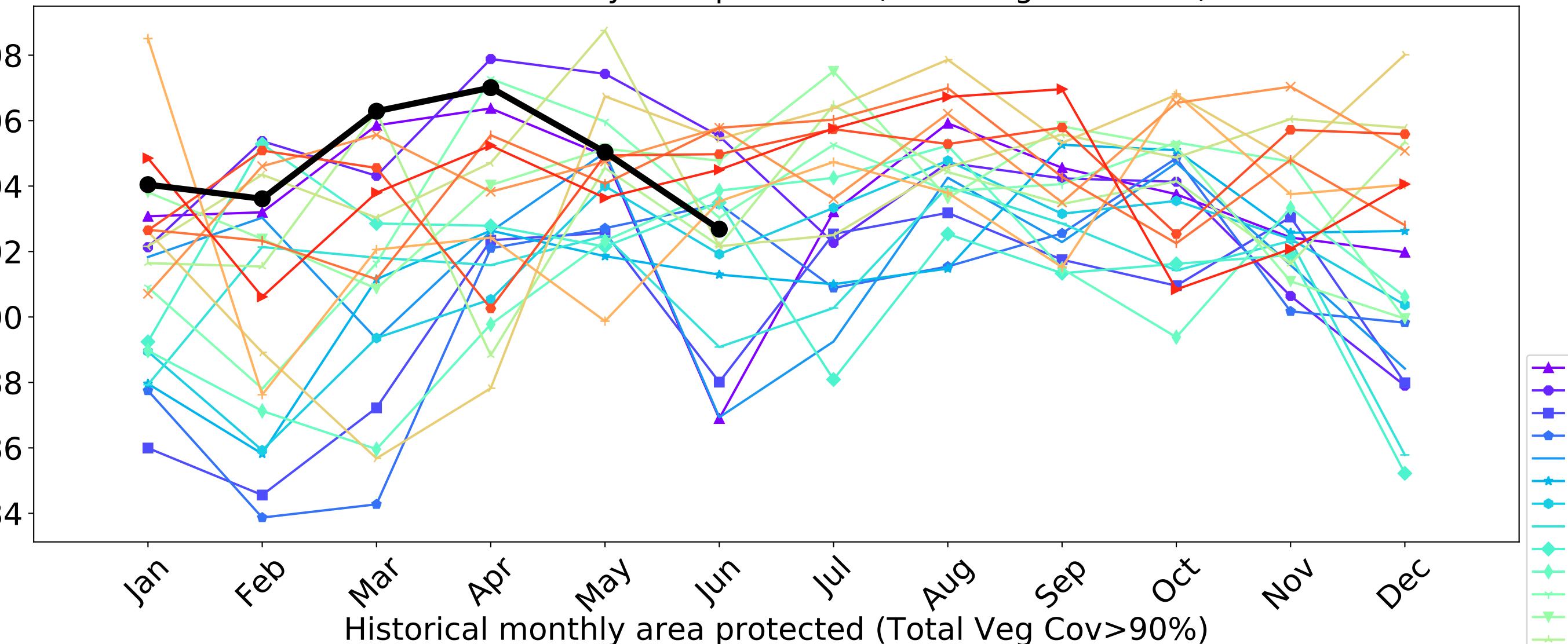
National  
Landcare  
Programme



Proportion of the area protected from water erosion (Total Vegetation Cover > 80%)



Historical monthly area protected (Total Veg Cov>80%)



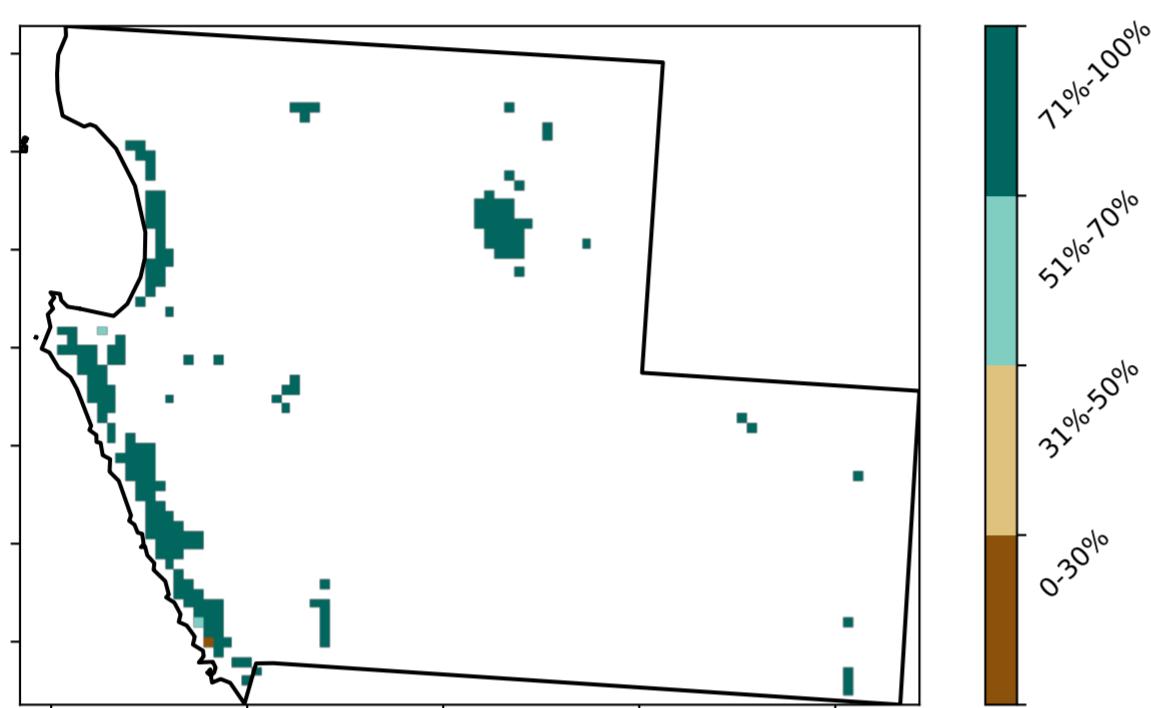
# Conservation and natural environments non forest

## Land use and forest cover

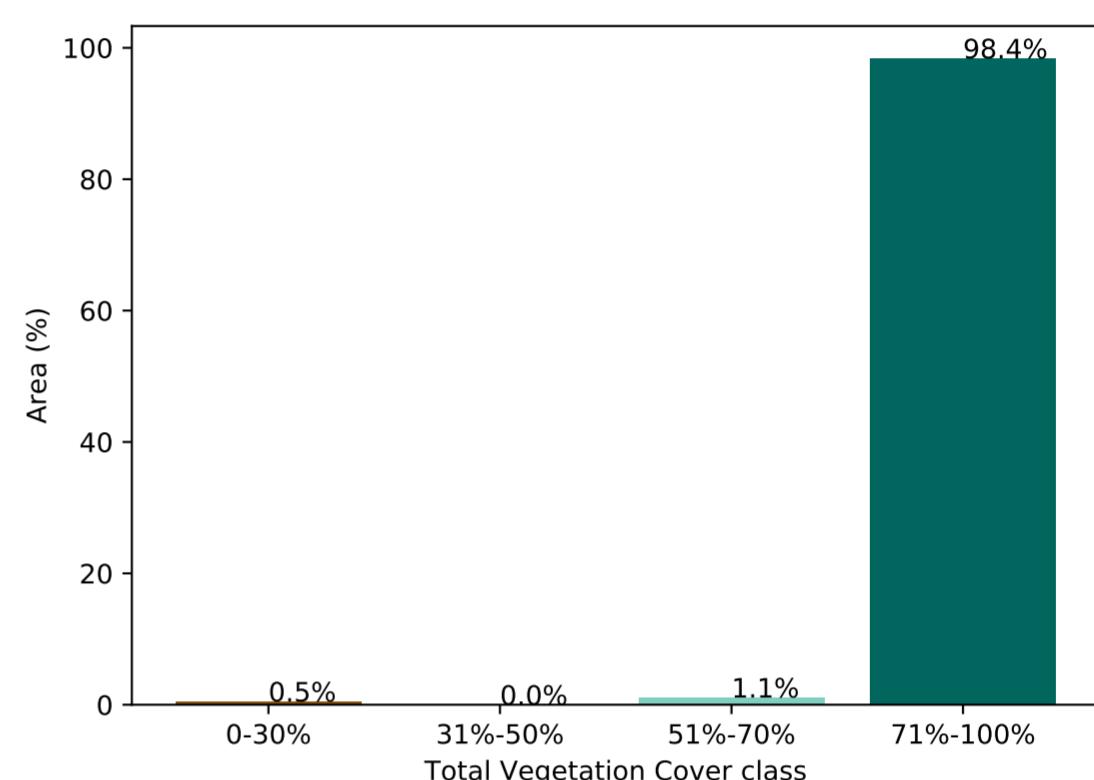
Catchment Scale Land Use and Forests of Australia (2018)  
Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)



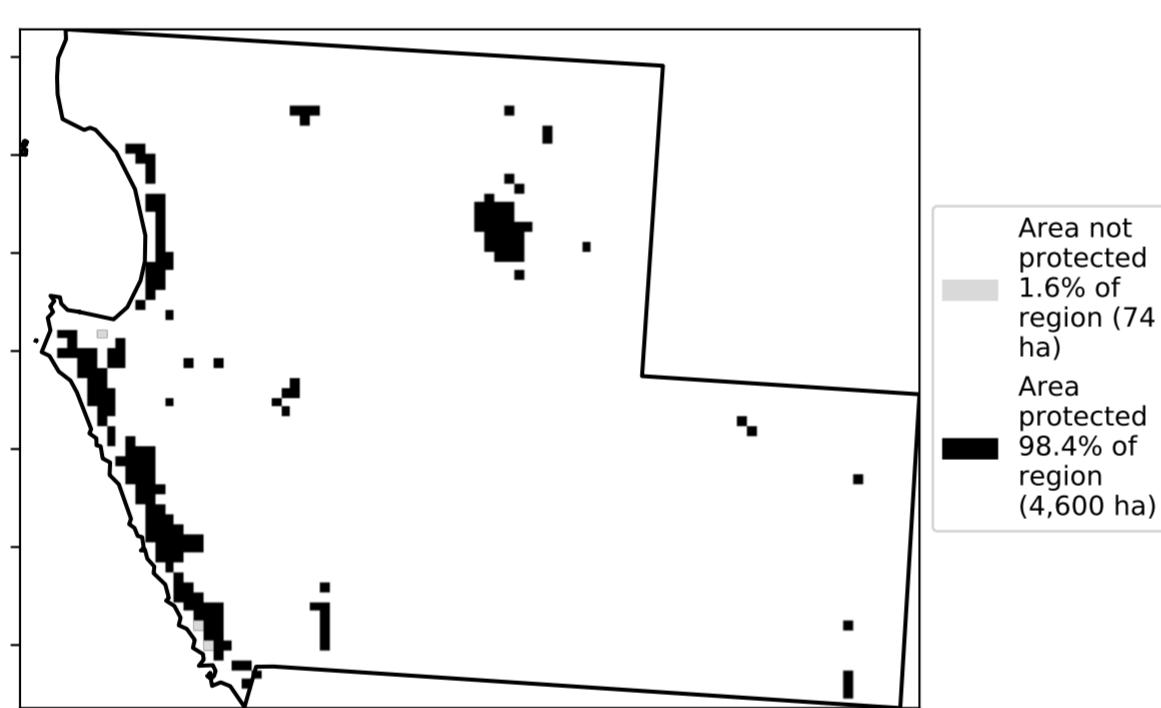
## Total Vegetation Cover [%]



## Proportion of vegetation cover class in area



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

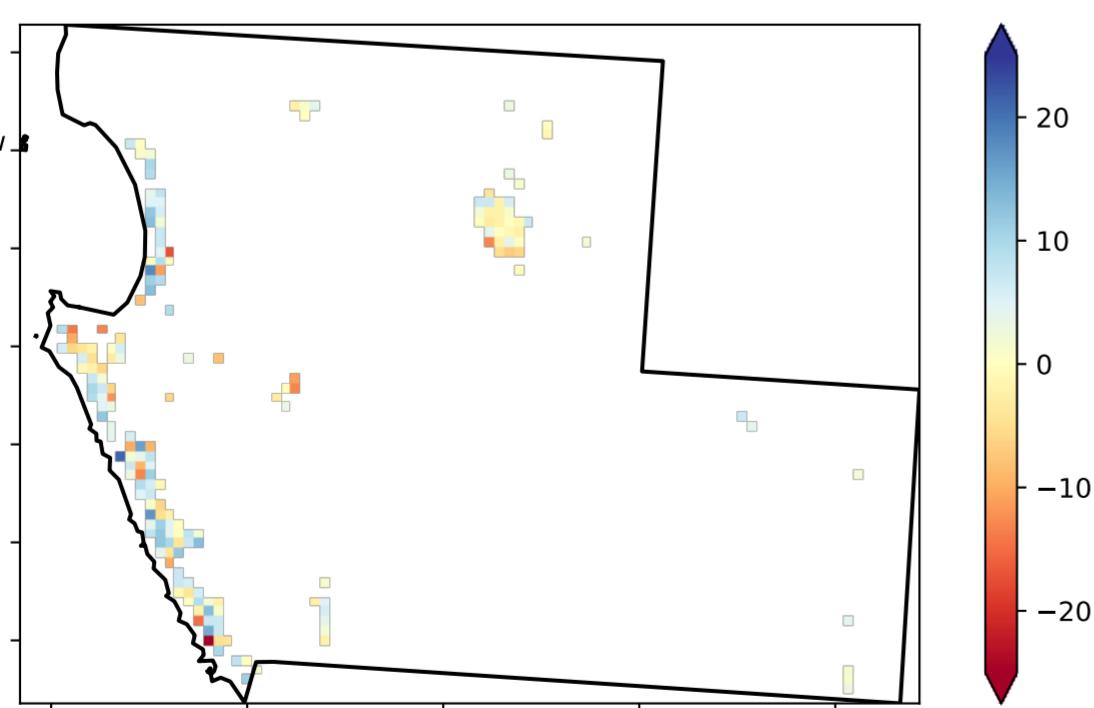


## % Area protected from wind erosion (>50%)



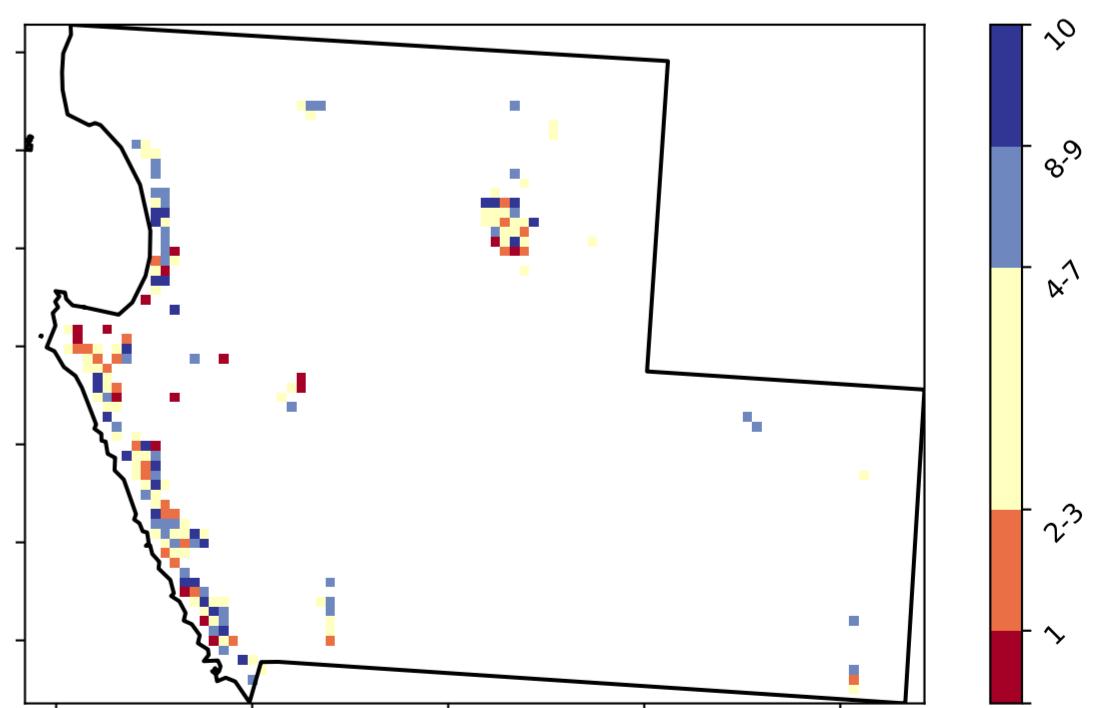
## Total Vegetation Cover Anomaly [%]

Anomaly shows how many percentage 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.

## Total Vegetation Cover Decile [%]



**tern**

Ecosystem Research Infrastructure



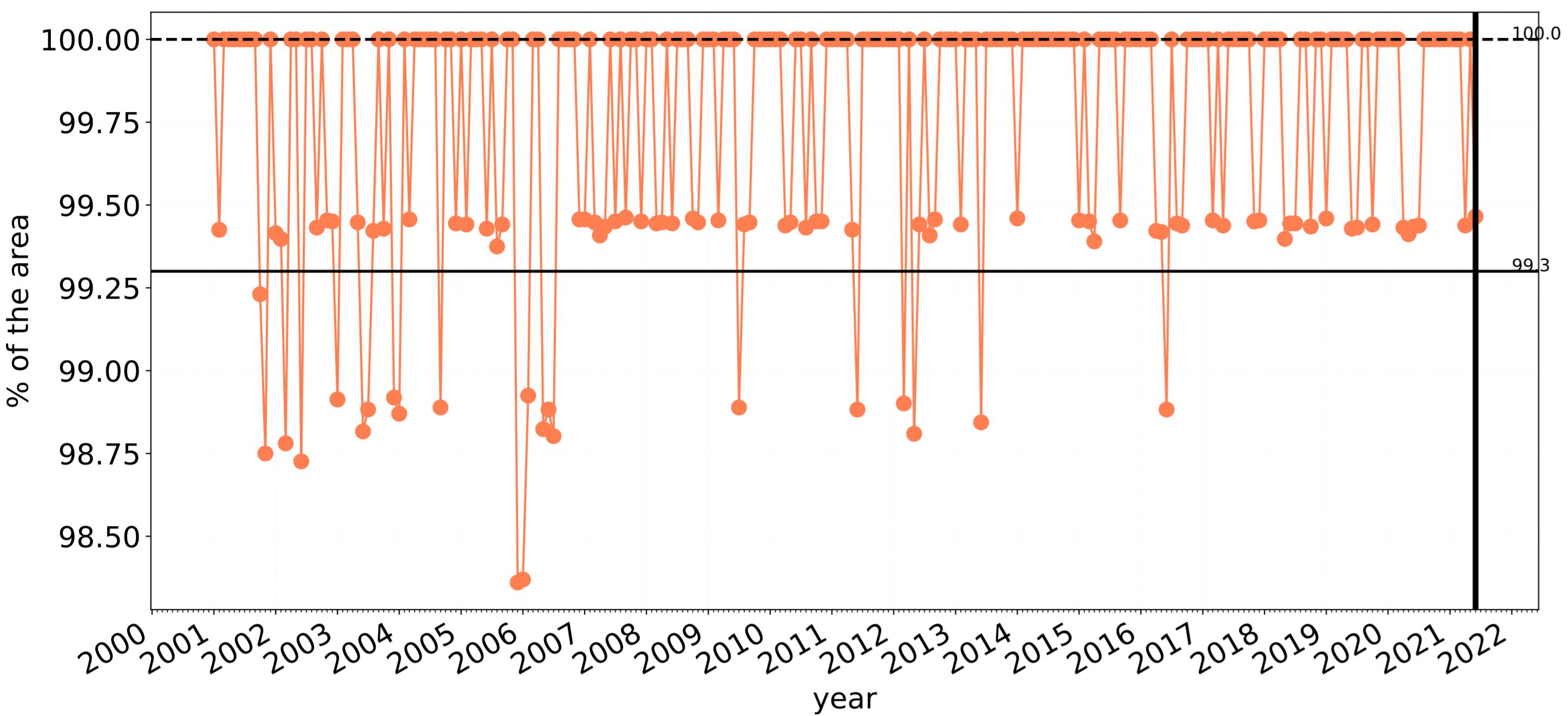
Australian Government

National  
Landcare  
Programme

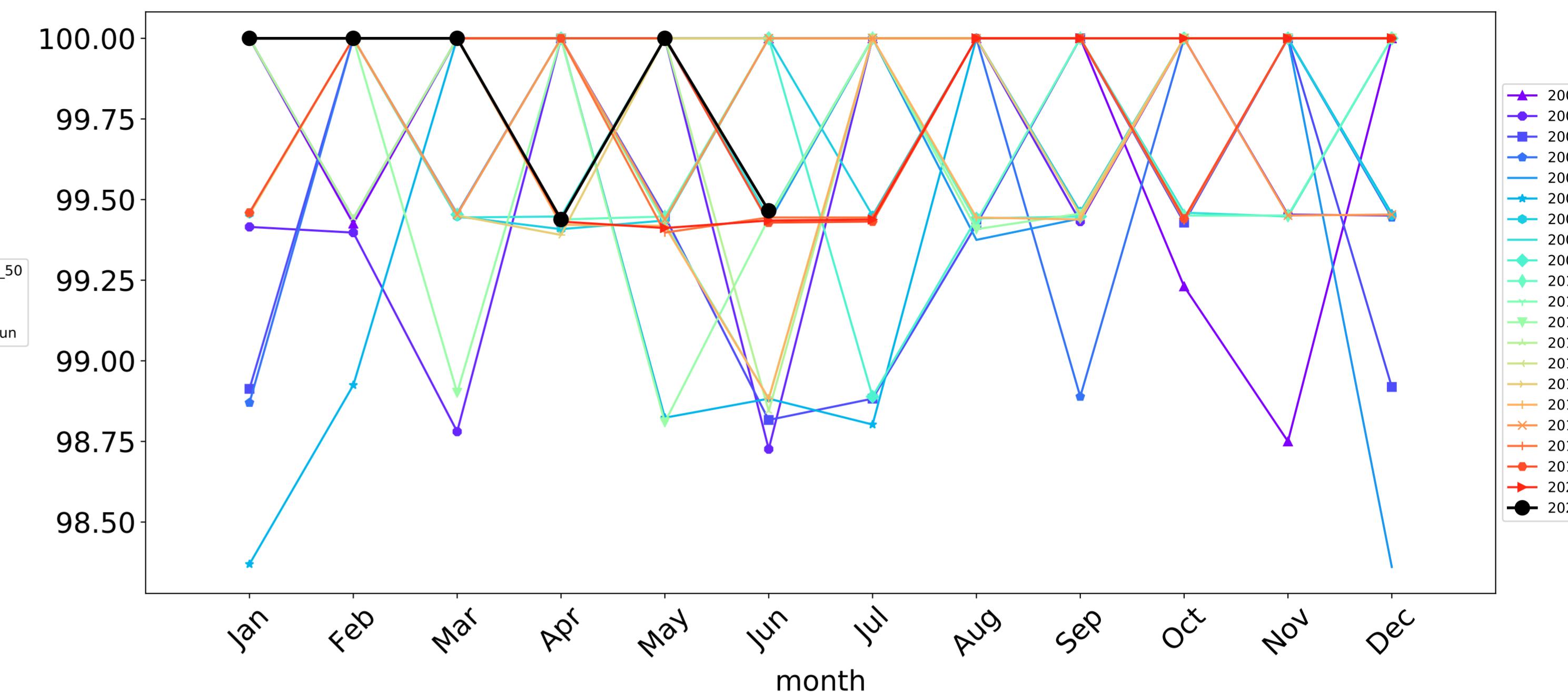


## Conservation and natural environments non forest timeseries

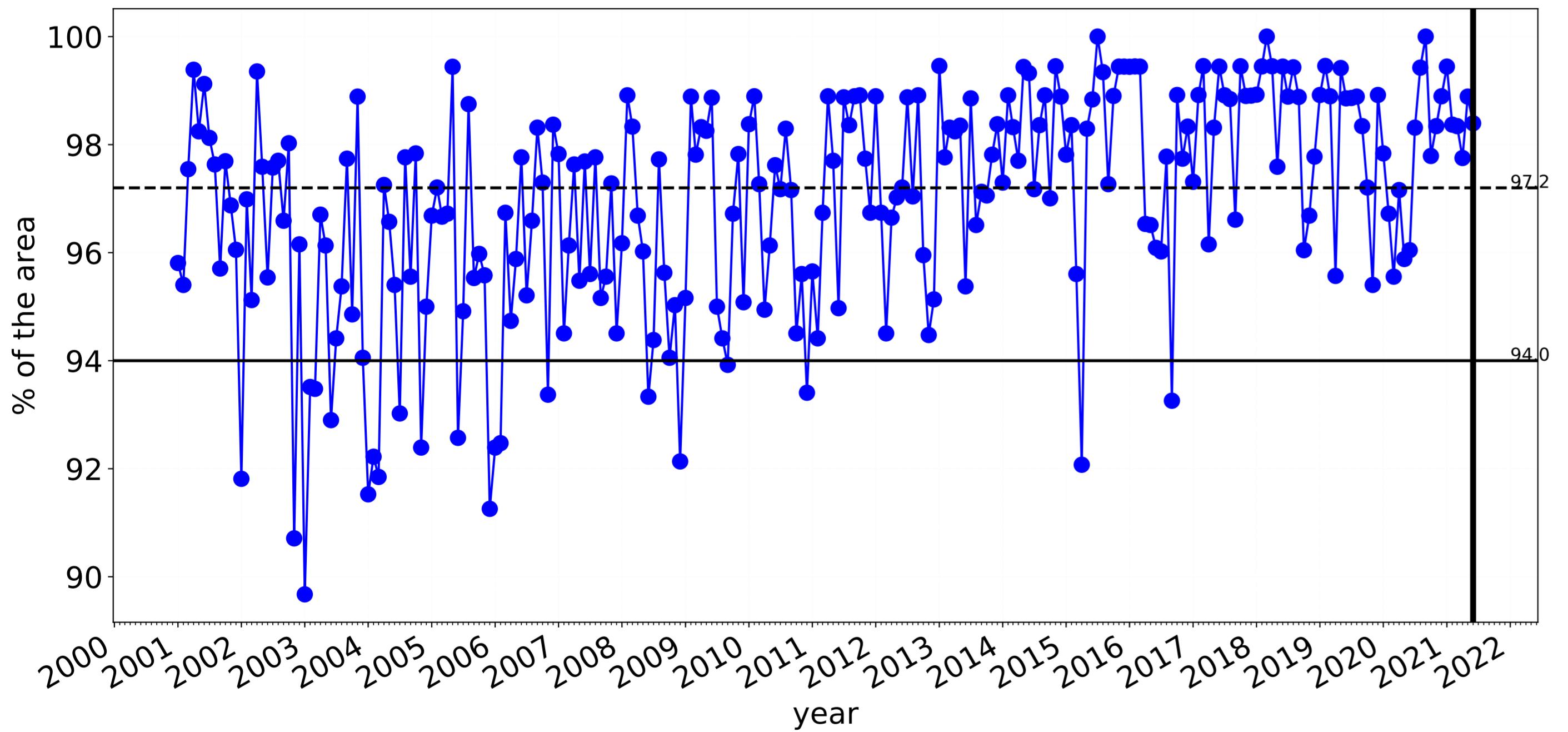
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



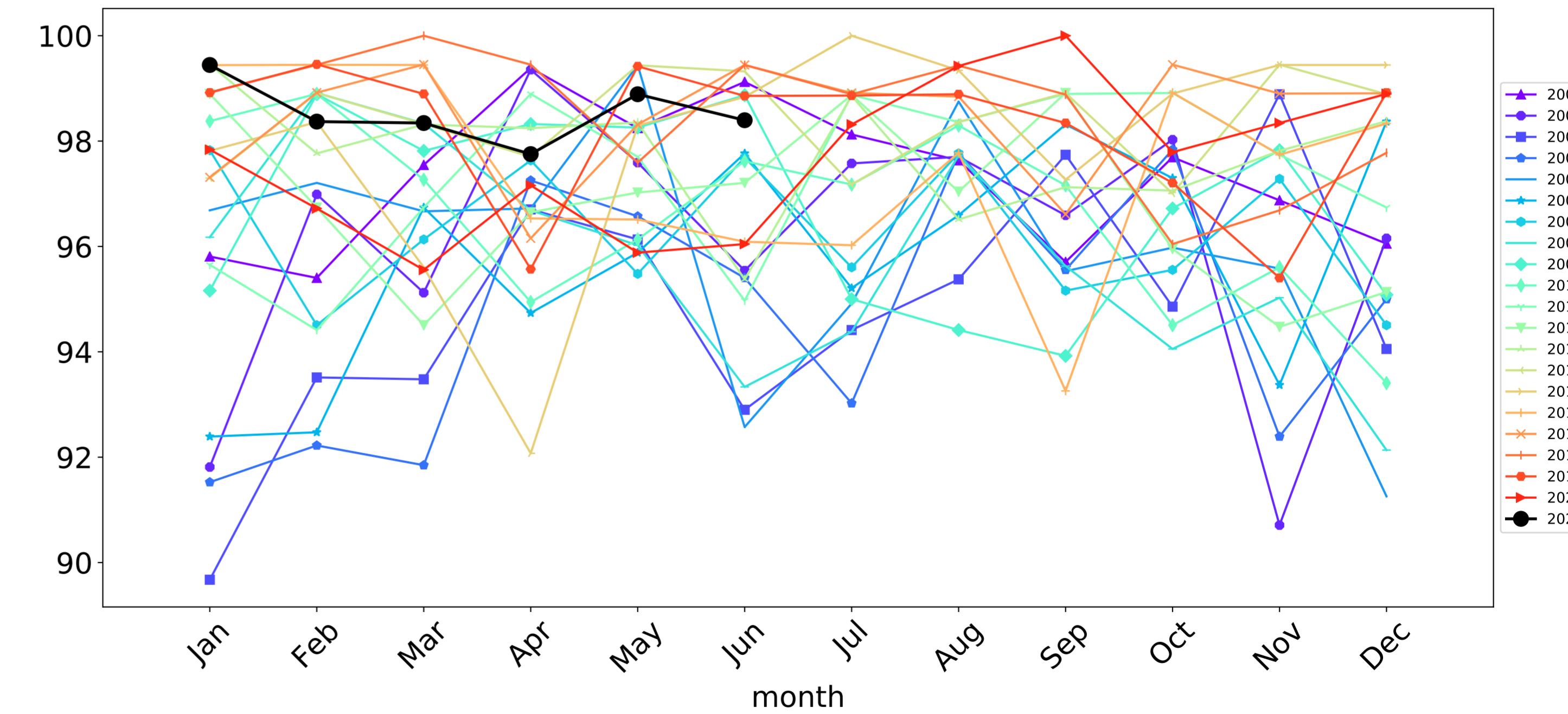
Wind erosion historical monthly area protected (Total Veg Cov >50%)



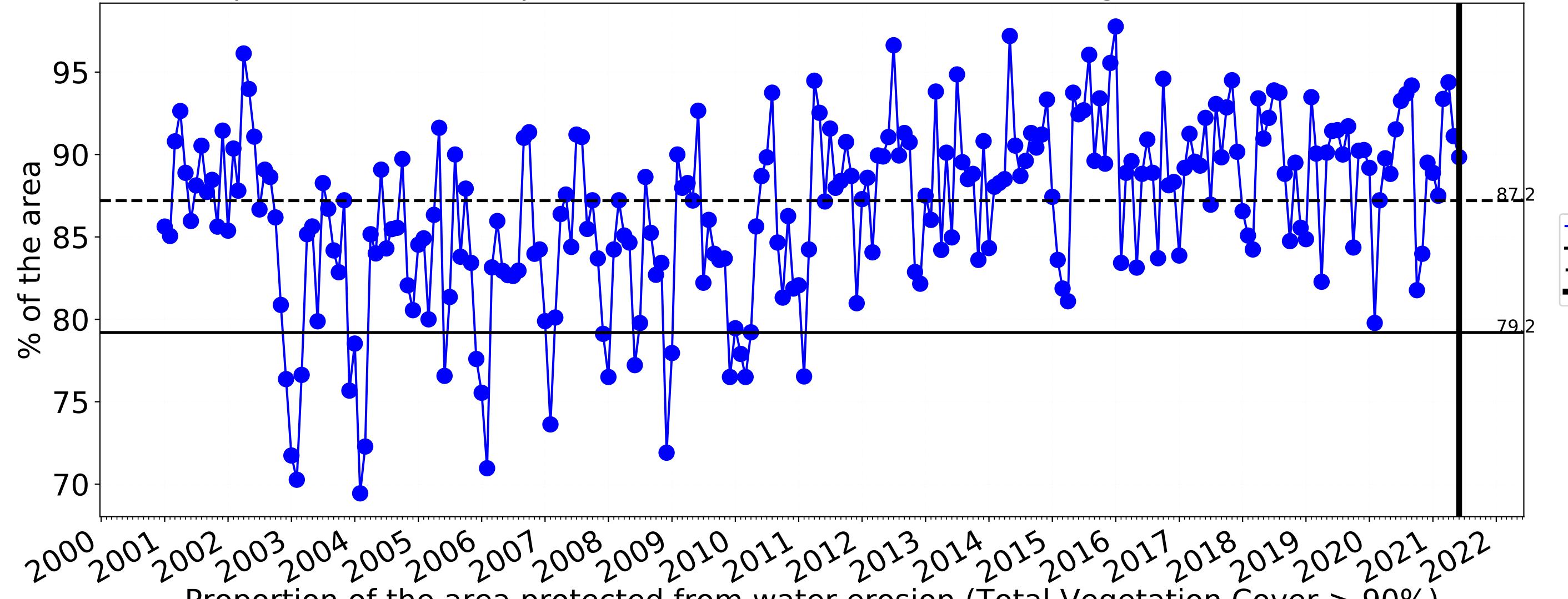
Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)



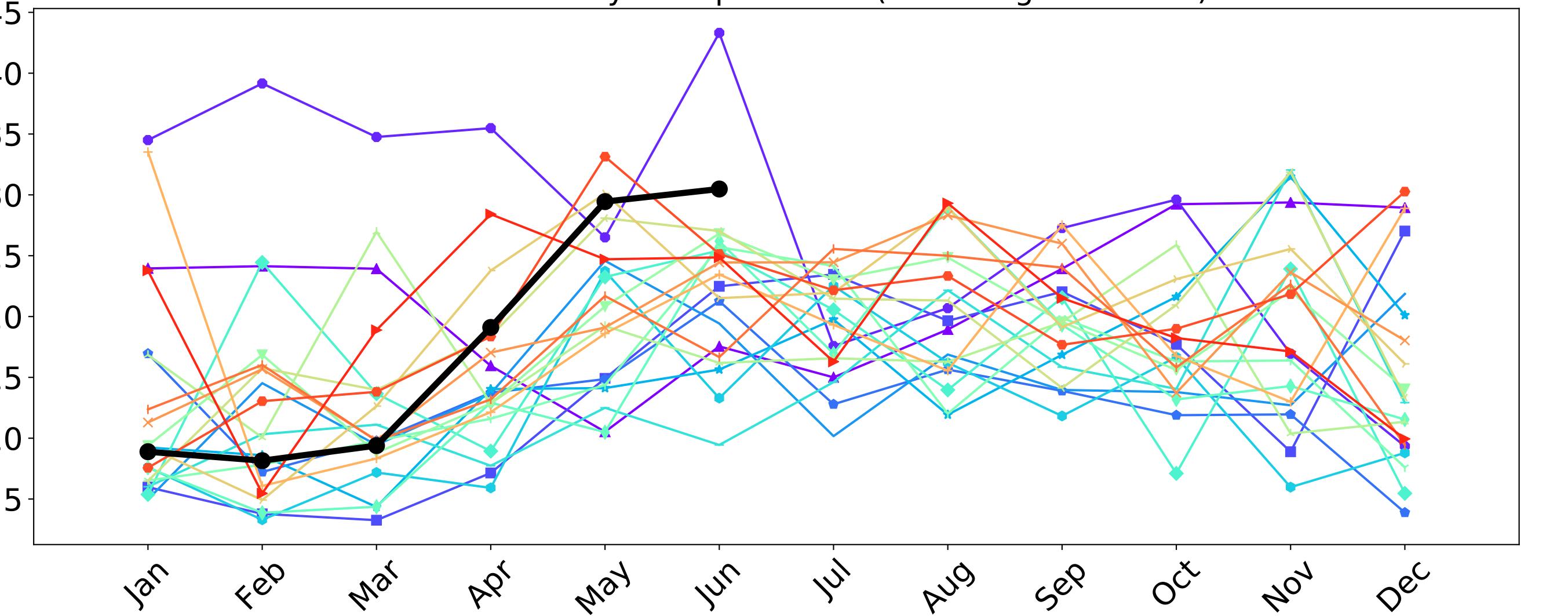
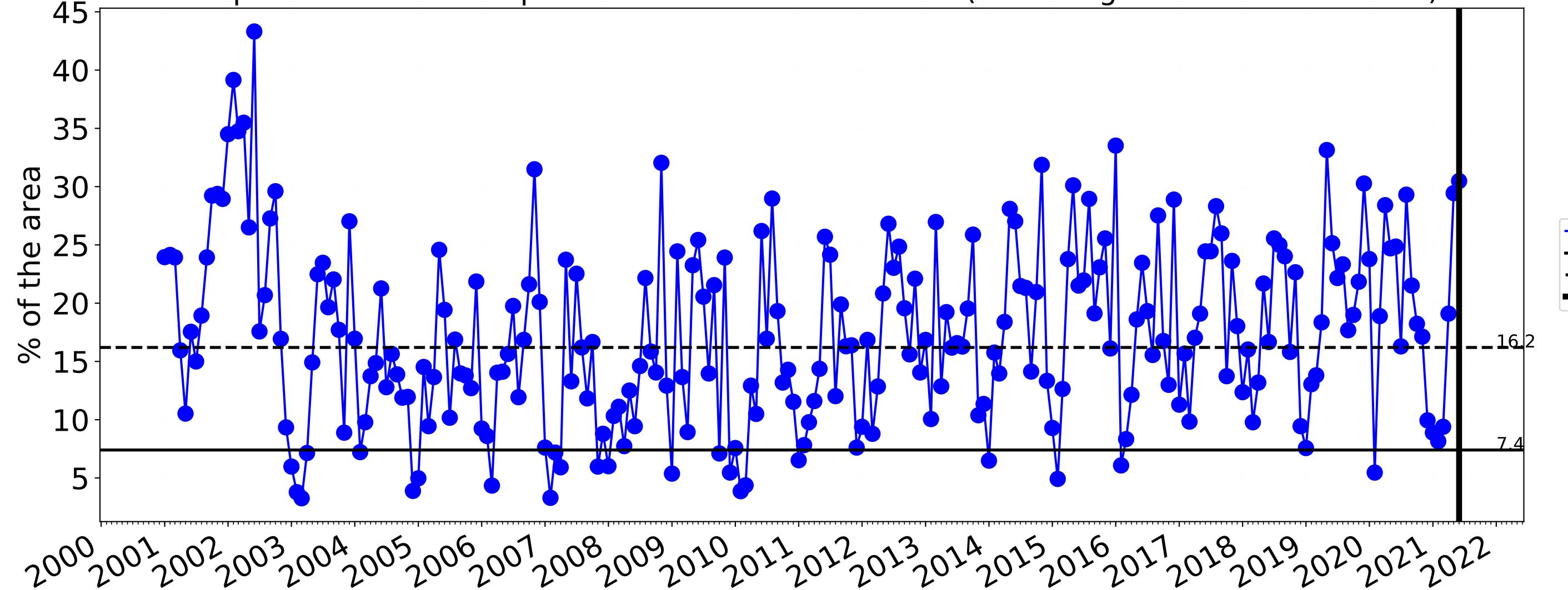
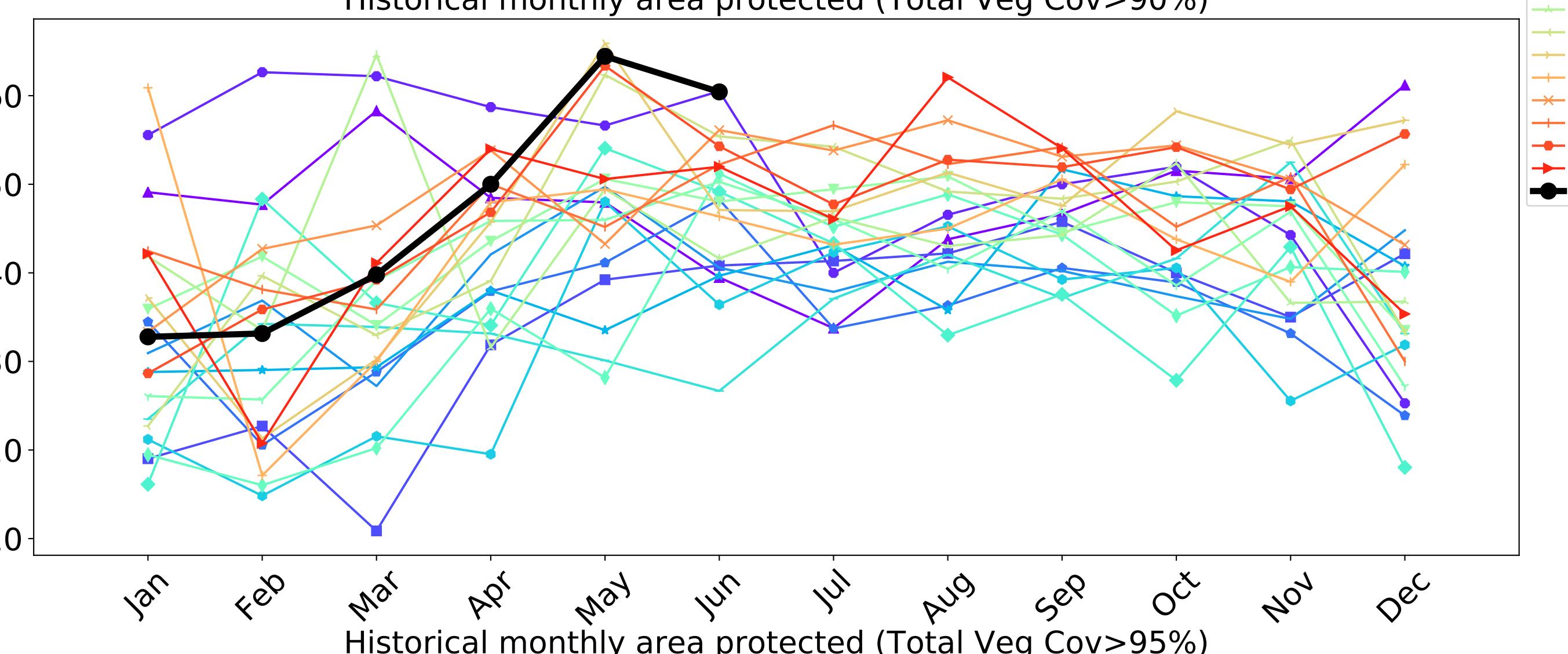
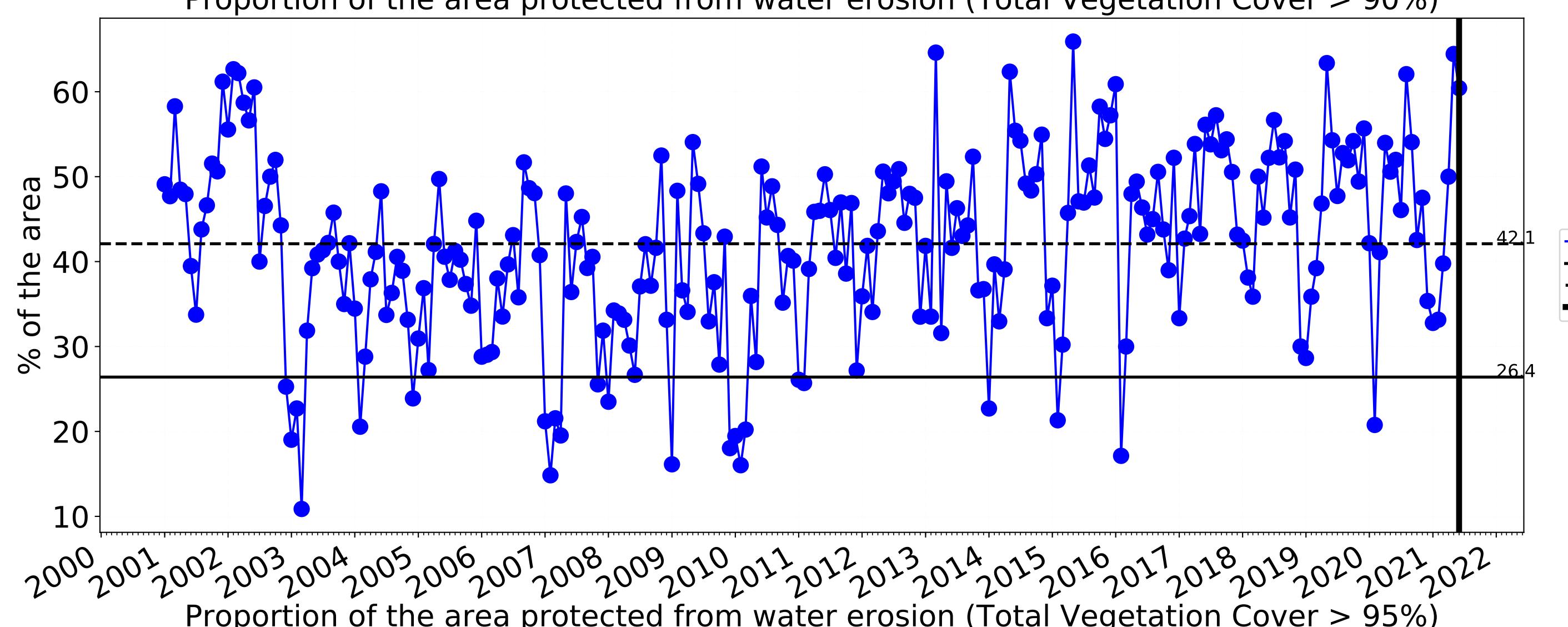
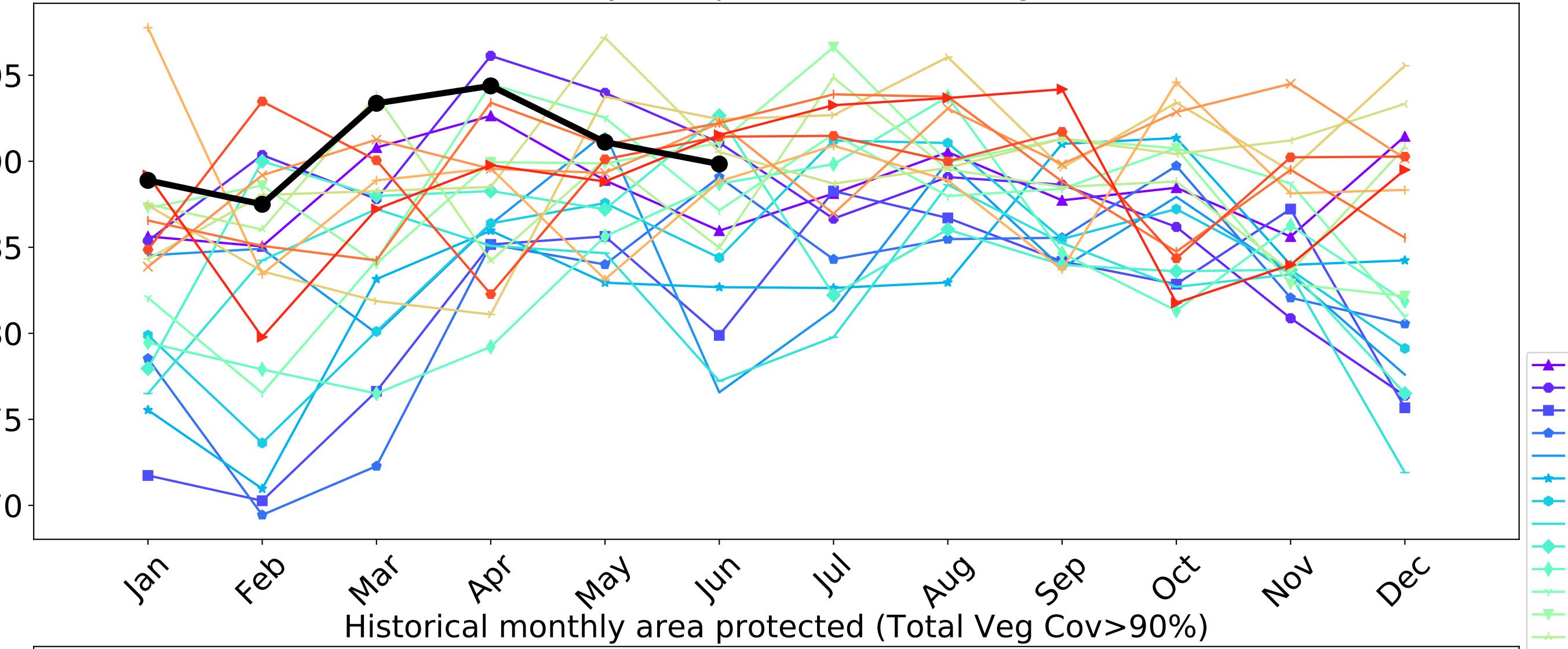
Water erosion historical monthly area protected (Total Veg Cov>70%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 80%)



Historical monthly area protected (Total Veg Cov>80%)



# Conservation and natural environments Woodland forest

**Land use and forest cover**

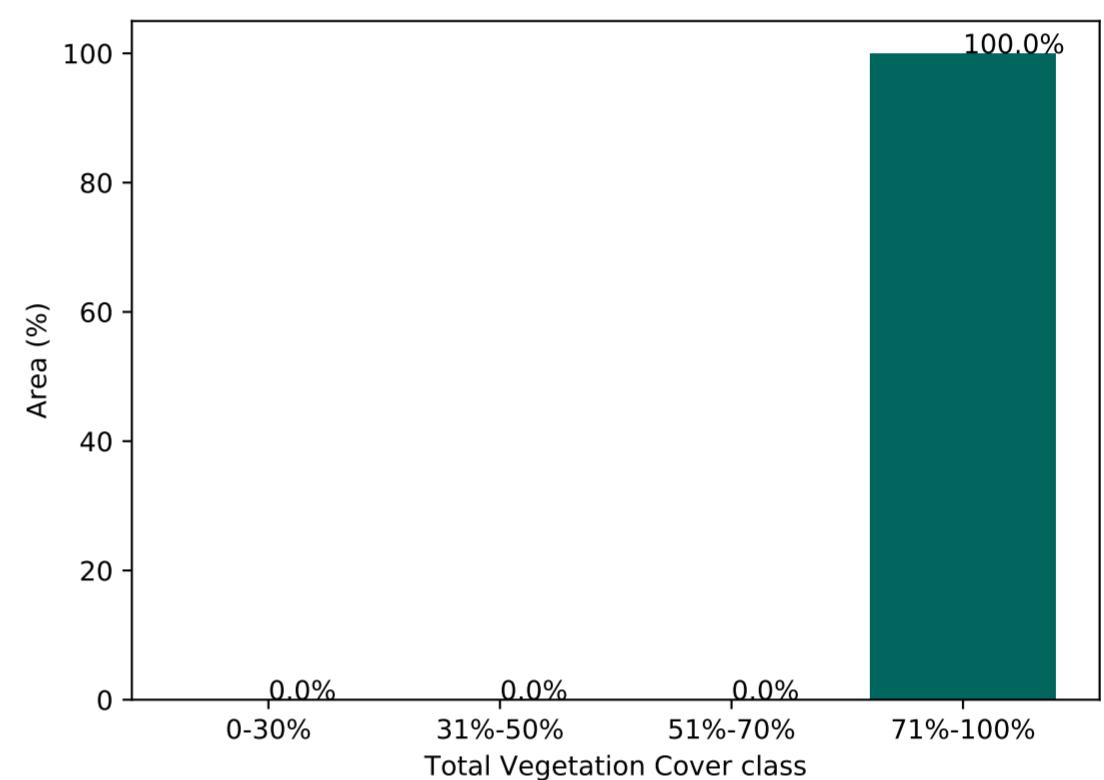
Catchment Scale Land Use and Forests of Australia (2018)  
Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)



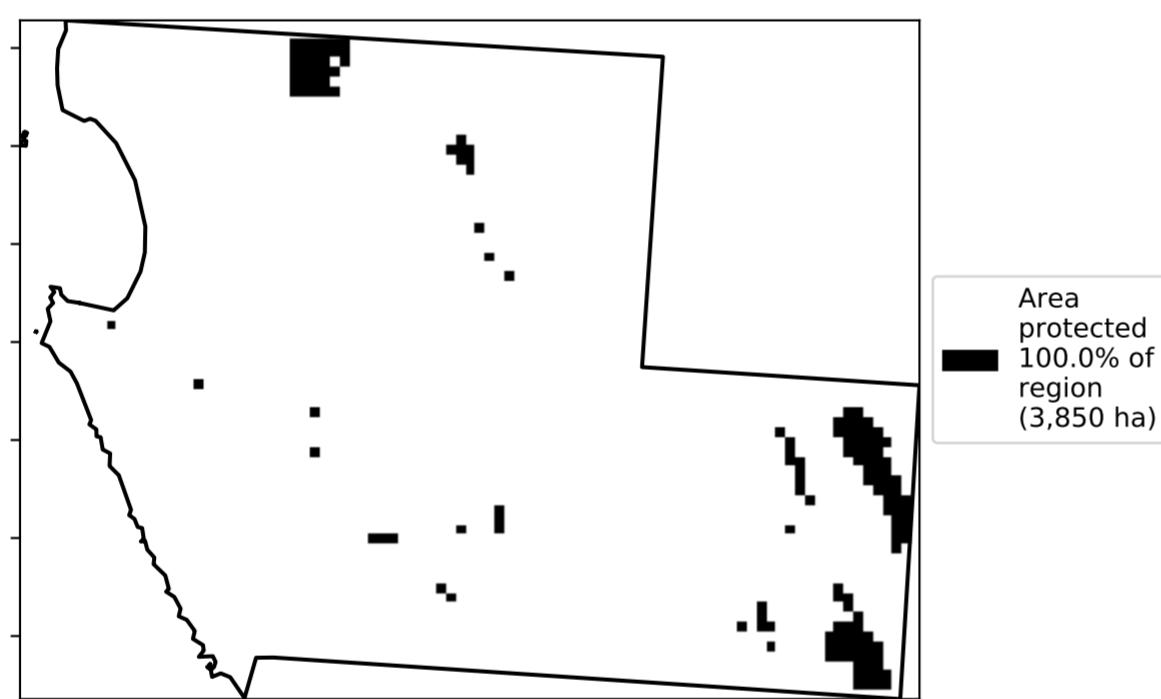
**Total Vegetation Cover [%]**



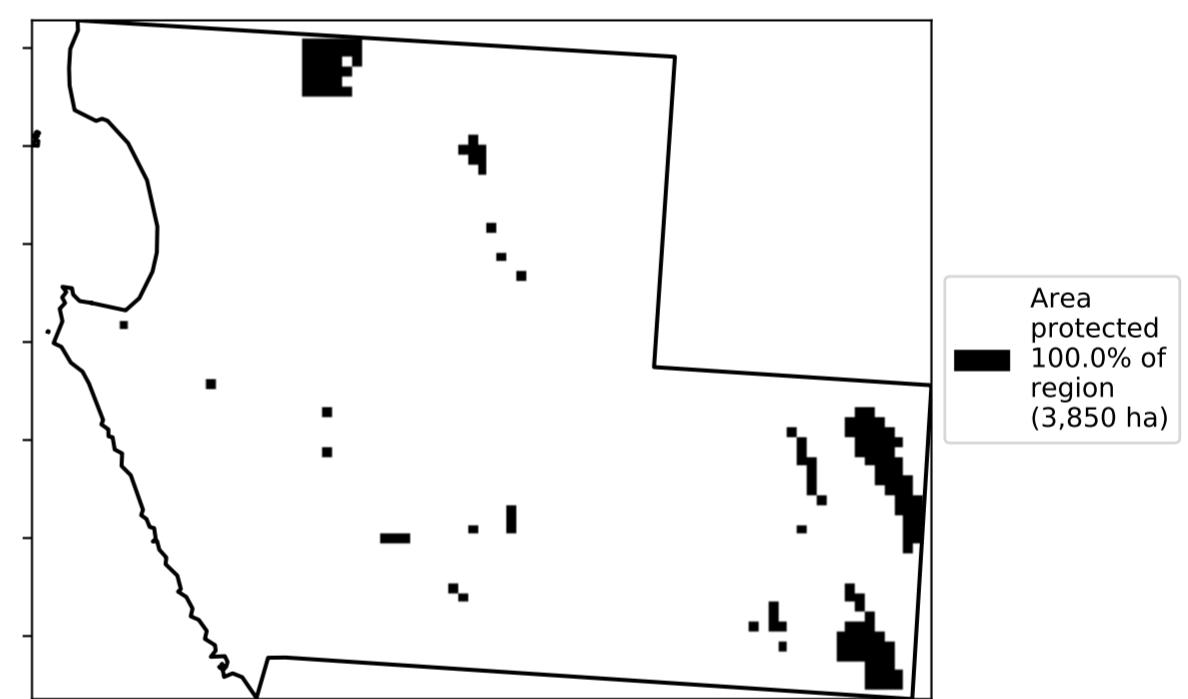
**Proportion of vegetation cover class in area**



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

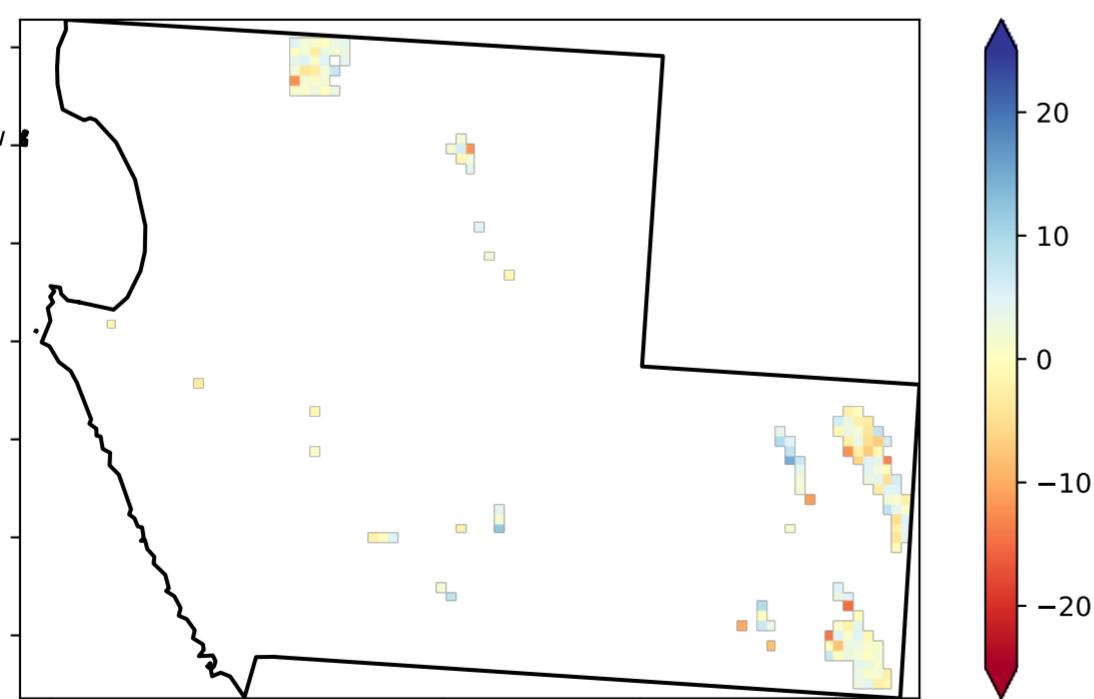


**% Area protected from wind erosion (>50%)**



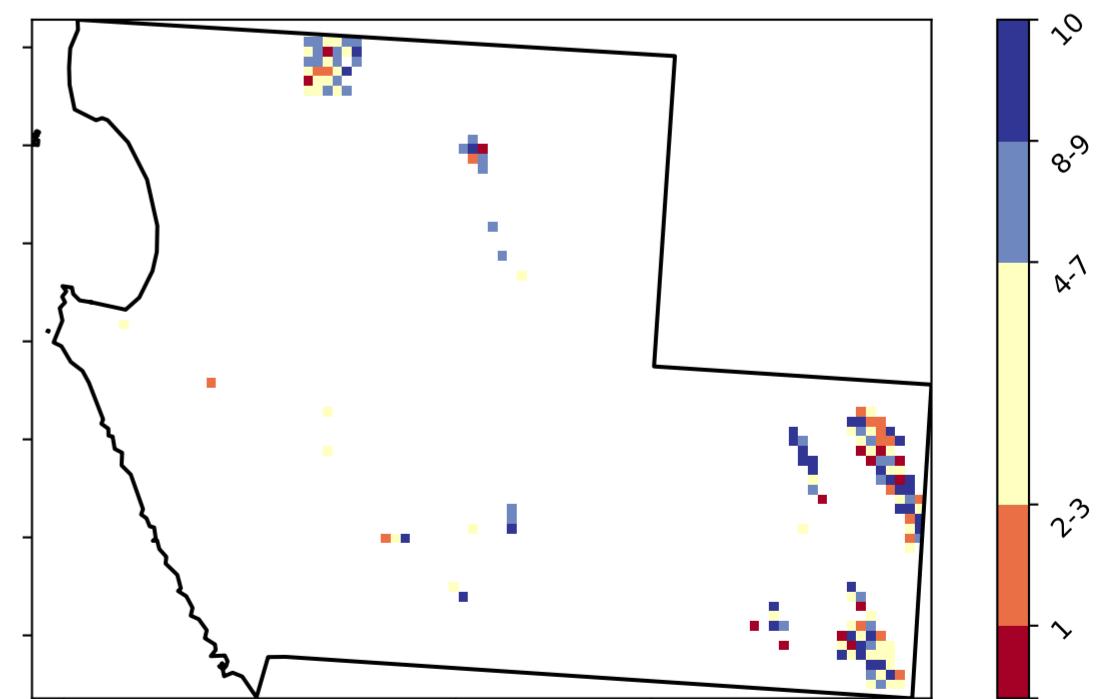
**Total Vegetation Cover Anomaly [%]**

Anomaly shows how many percentage 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.

**Total Vegetation Cover Decile [%]**



**tern**

Ecosystem Research Infrastructure



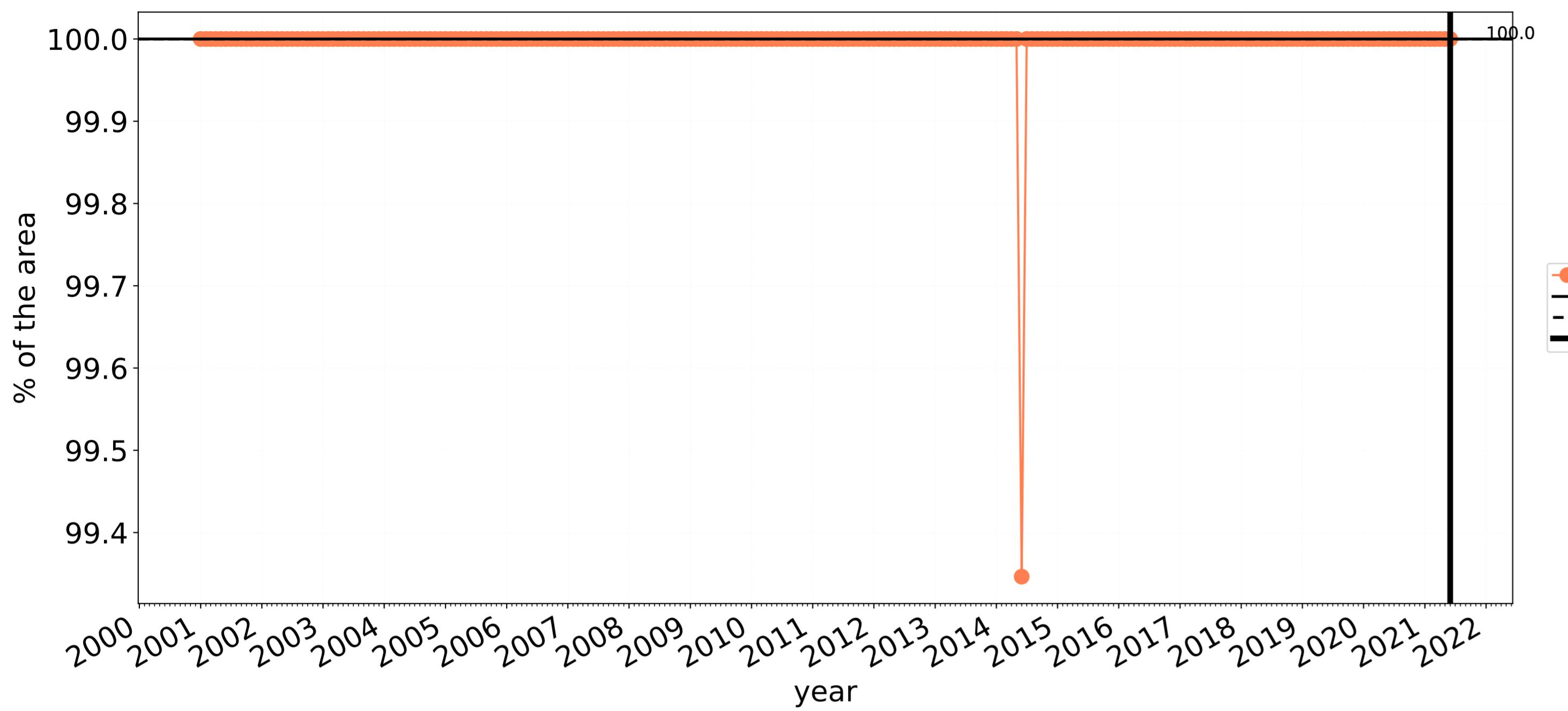
Australian Government

National  
Landcare  
Programme

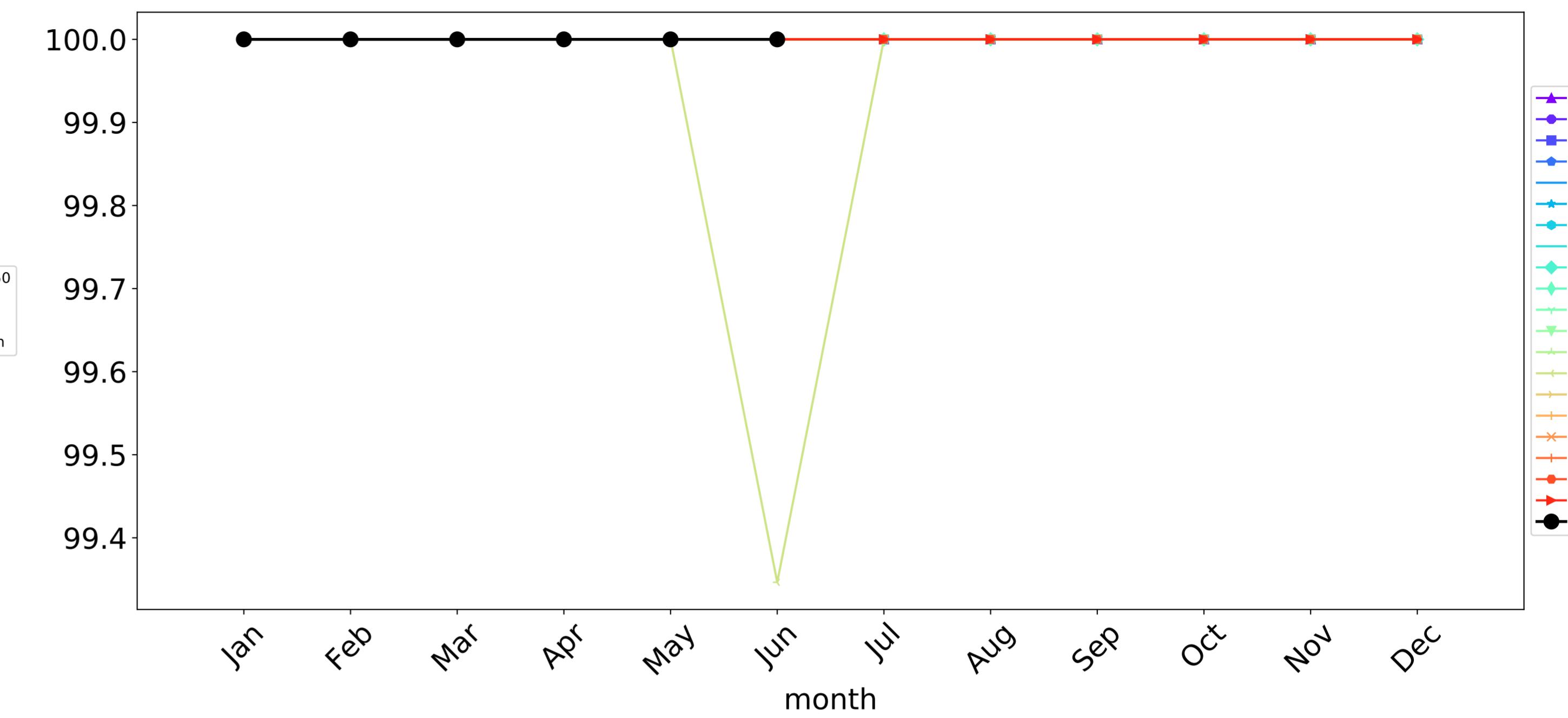


## Conservation and natural environments Woodland forest timeseries

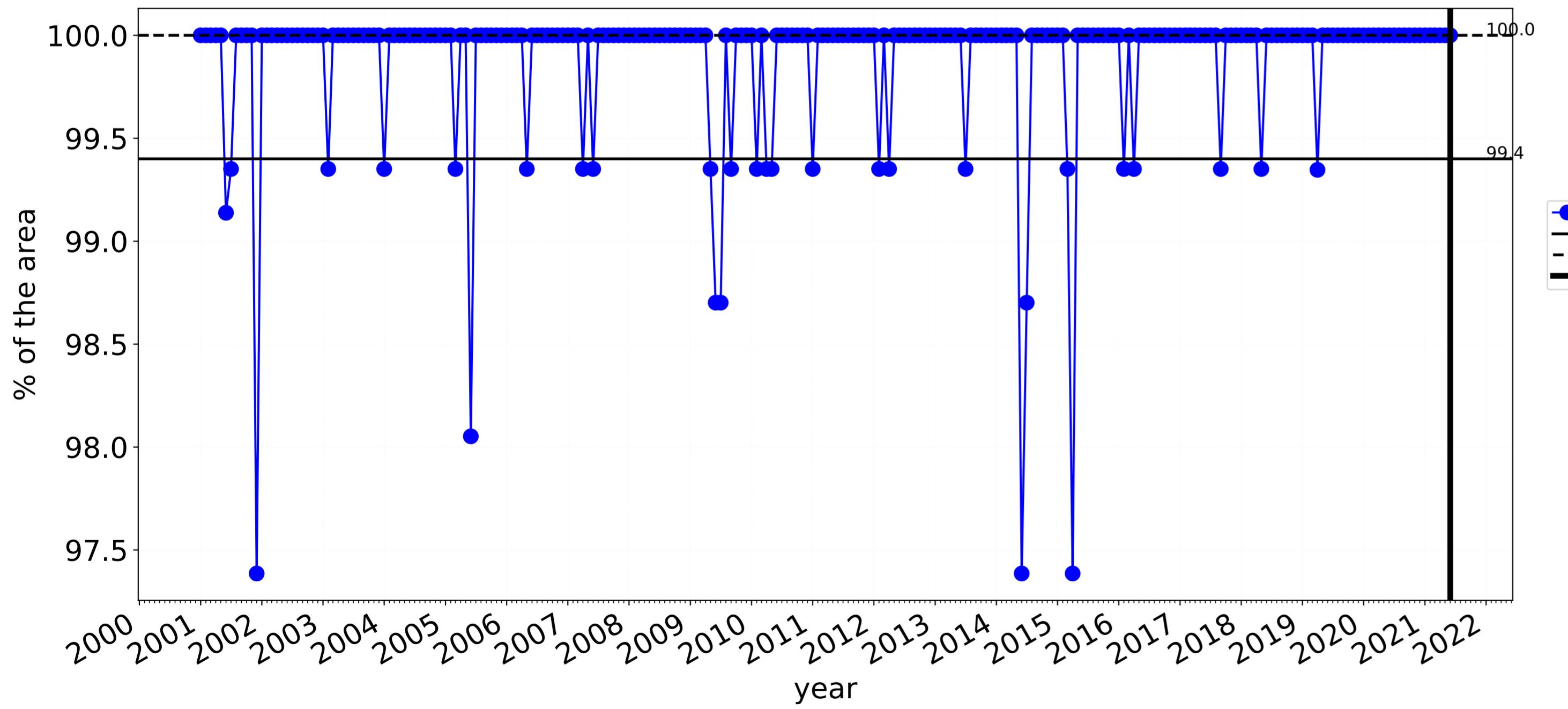
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



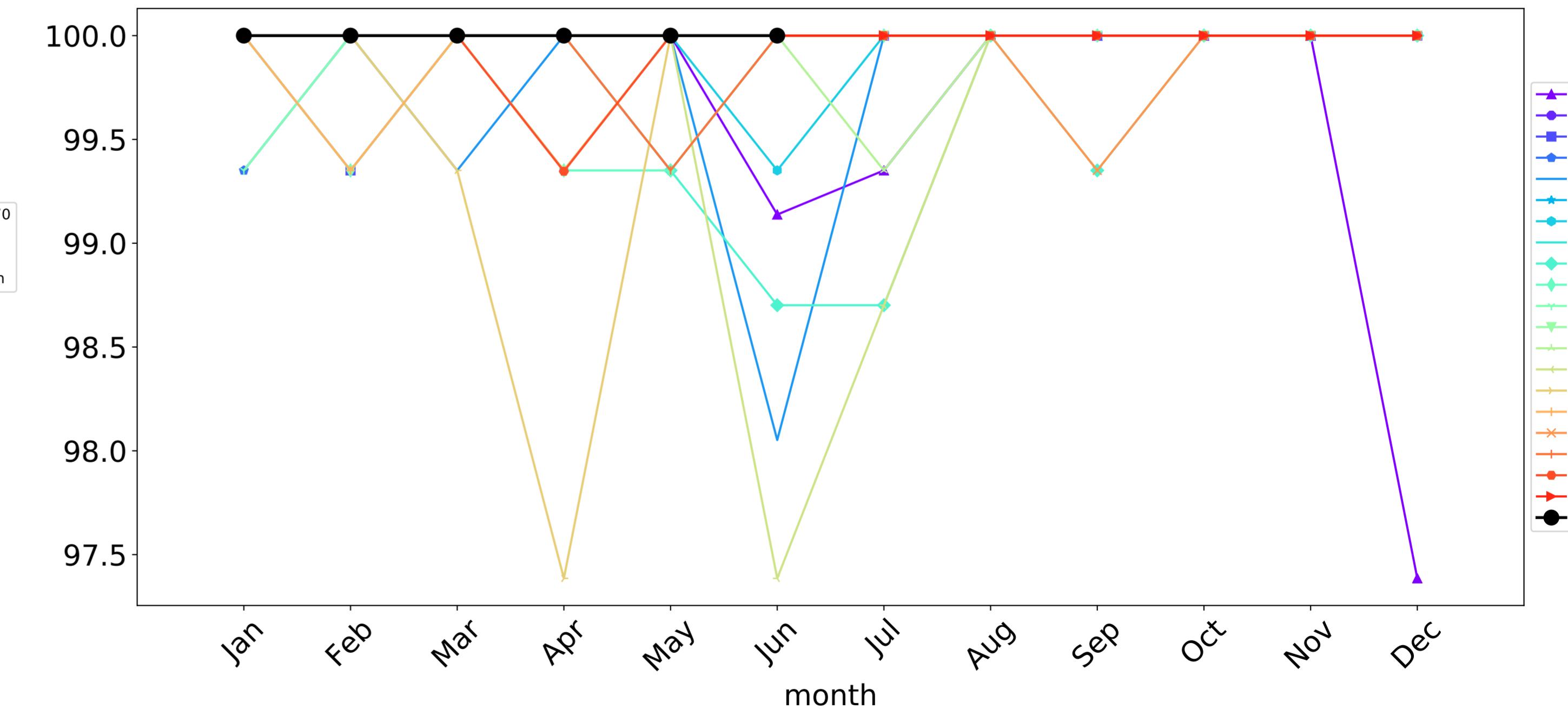
Wind erosion historical monthly area protected (Total Veg Cov >50%)



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



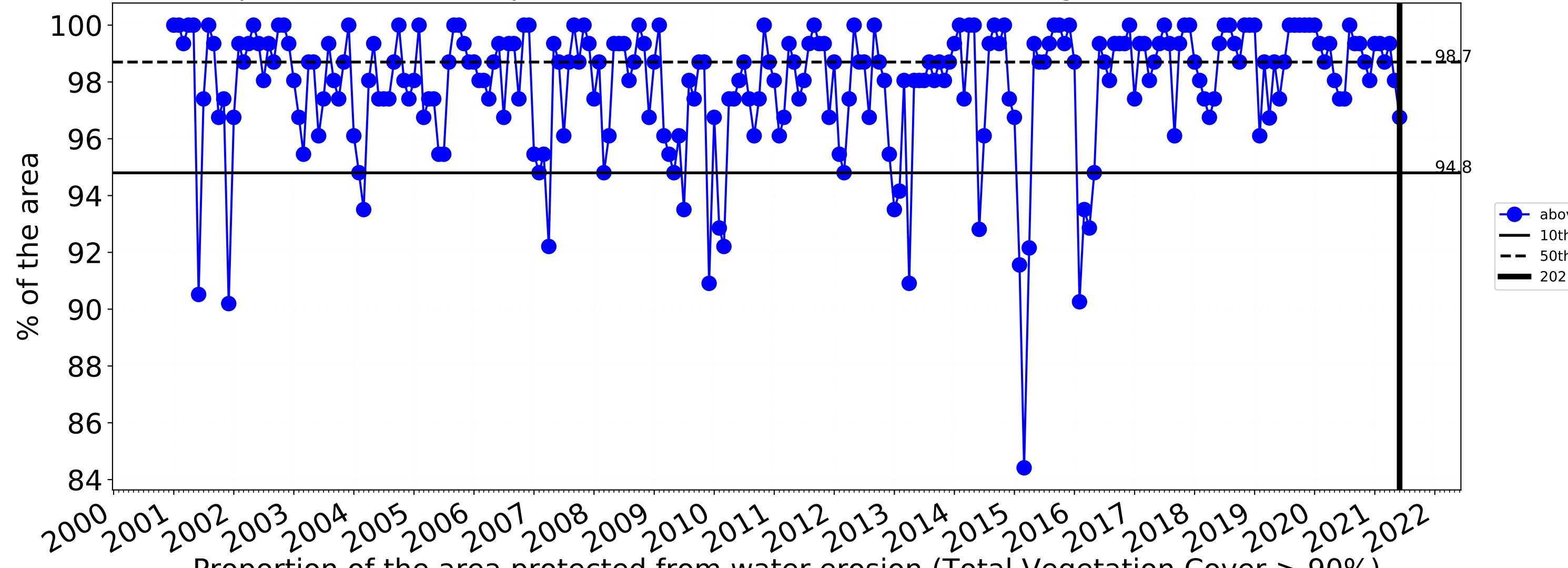
Water erosion historical monthly area protected (Total Veg Cov>70%)



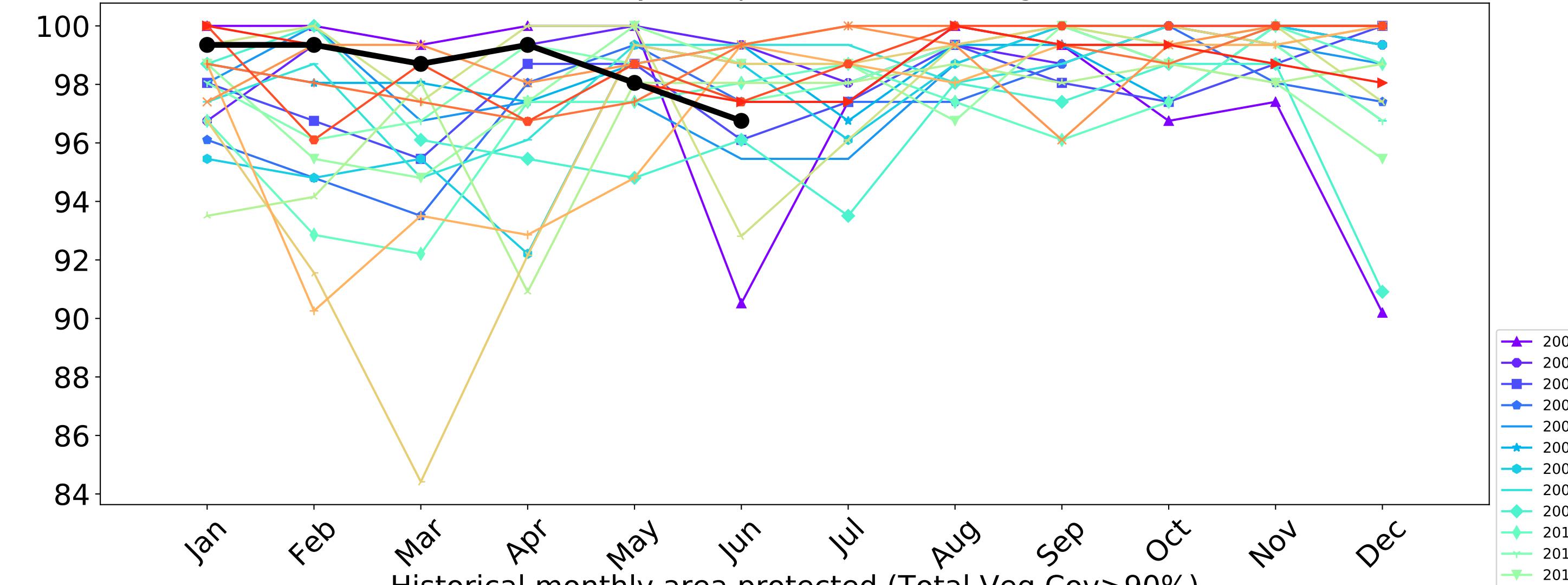
Ecosystem Research Infrastructure



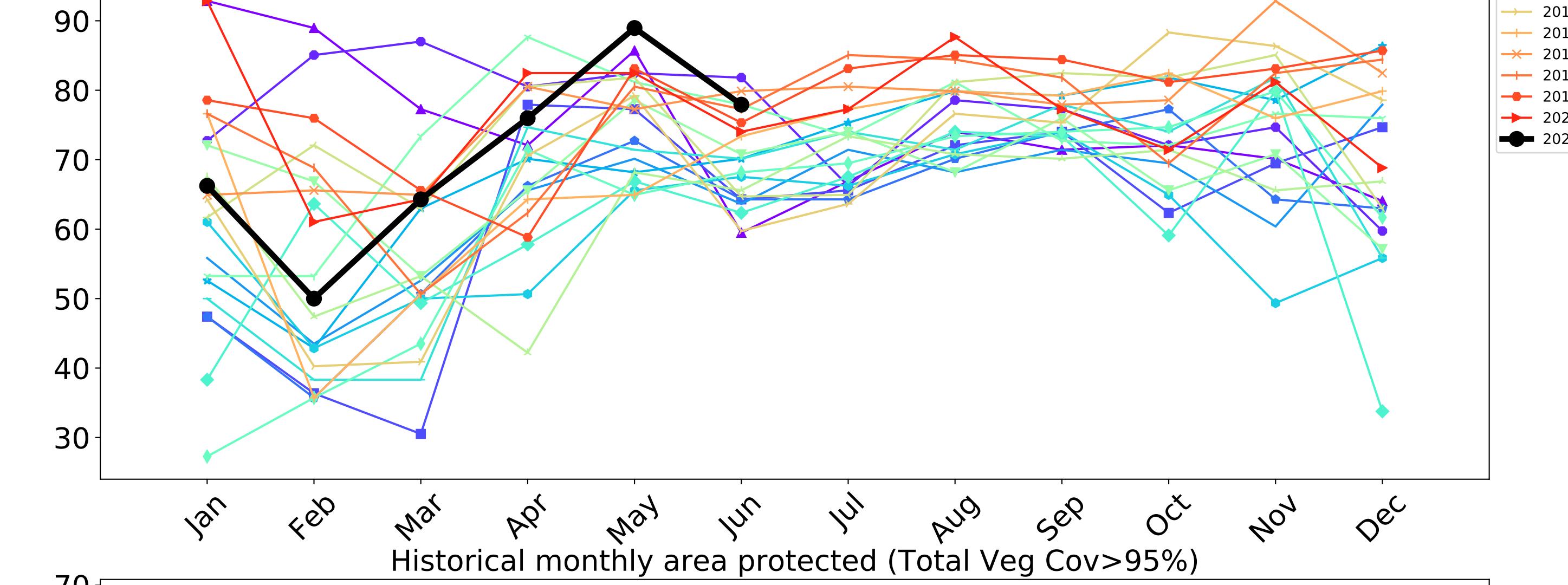
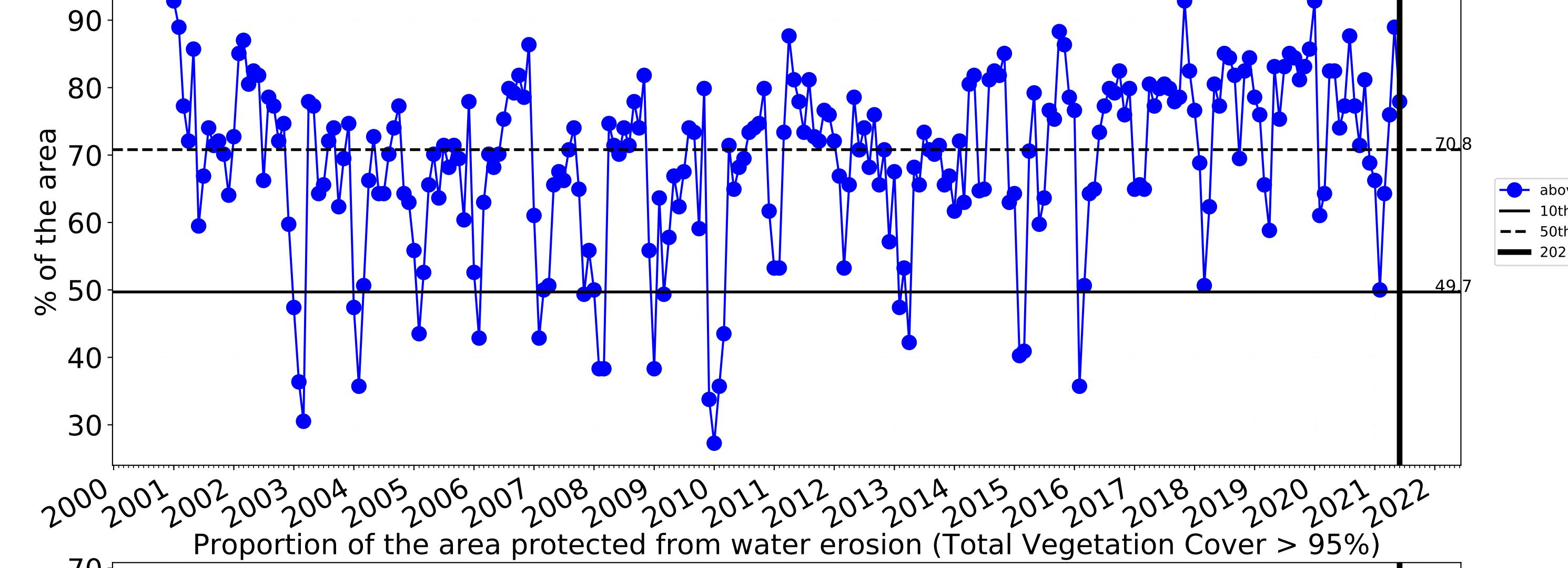
Proportion of the area protected from water erosion (Total Vegetation Cover > 80%)



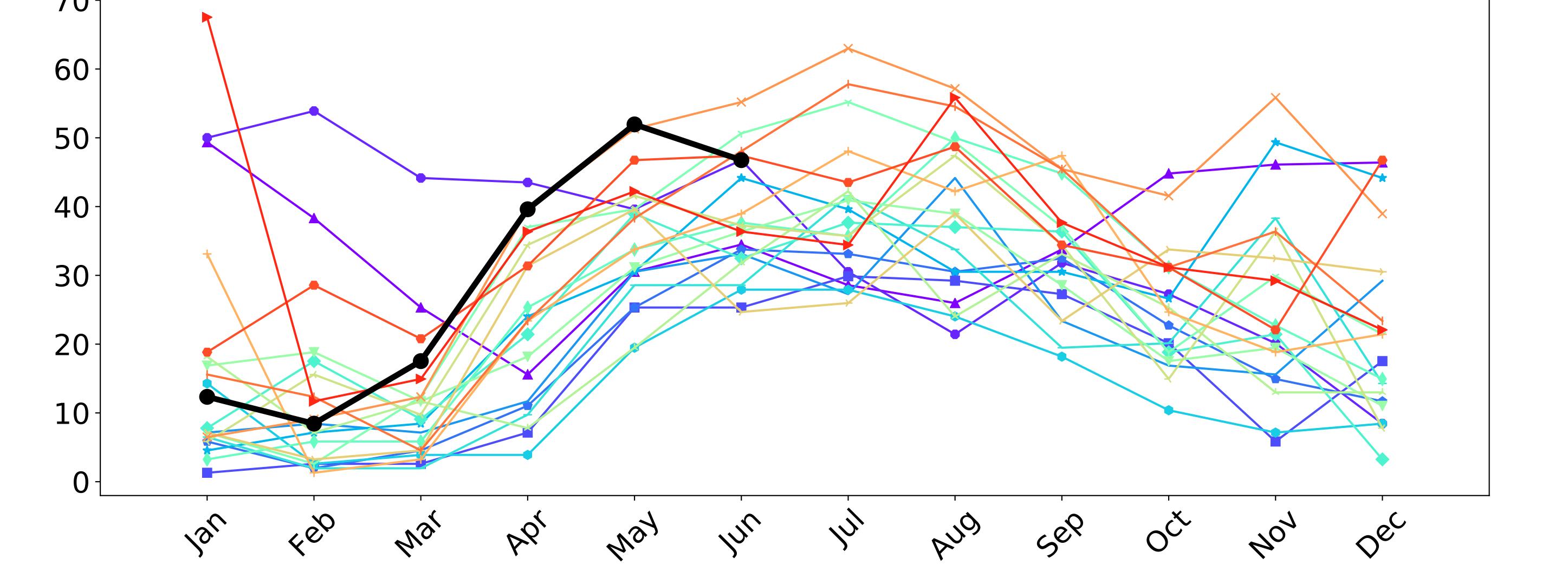
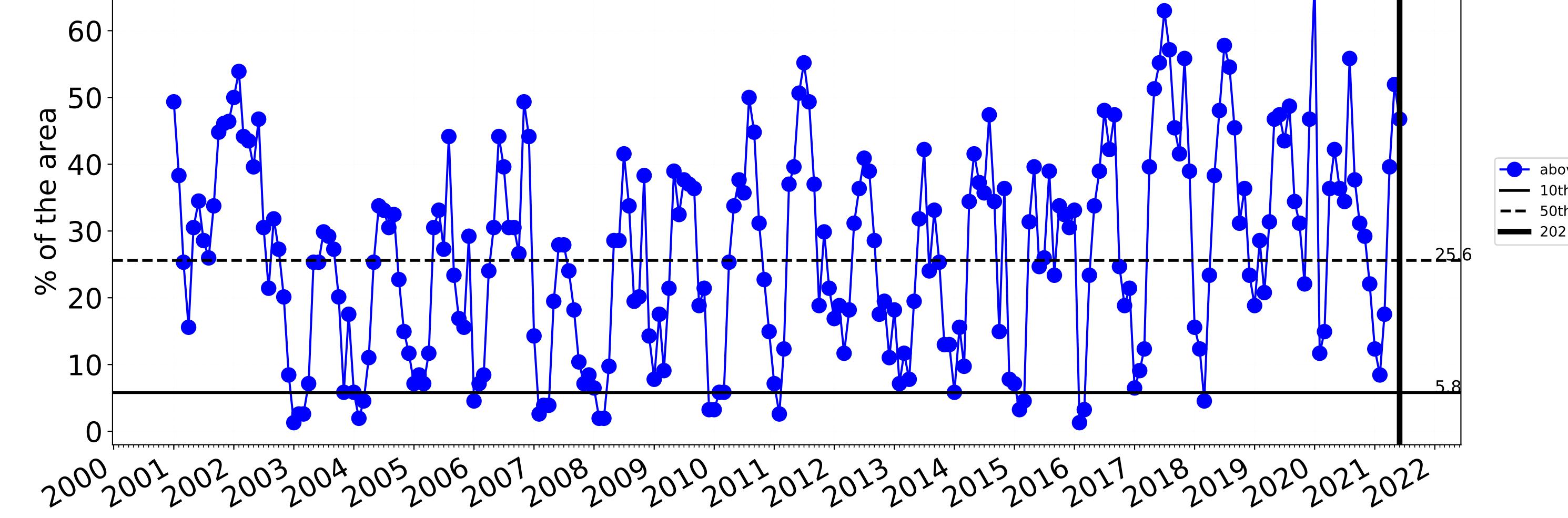
Historical monthly area protected (Total Veg Cov>80%)



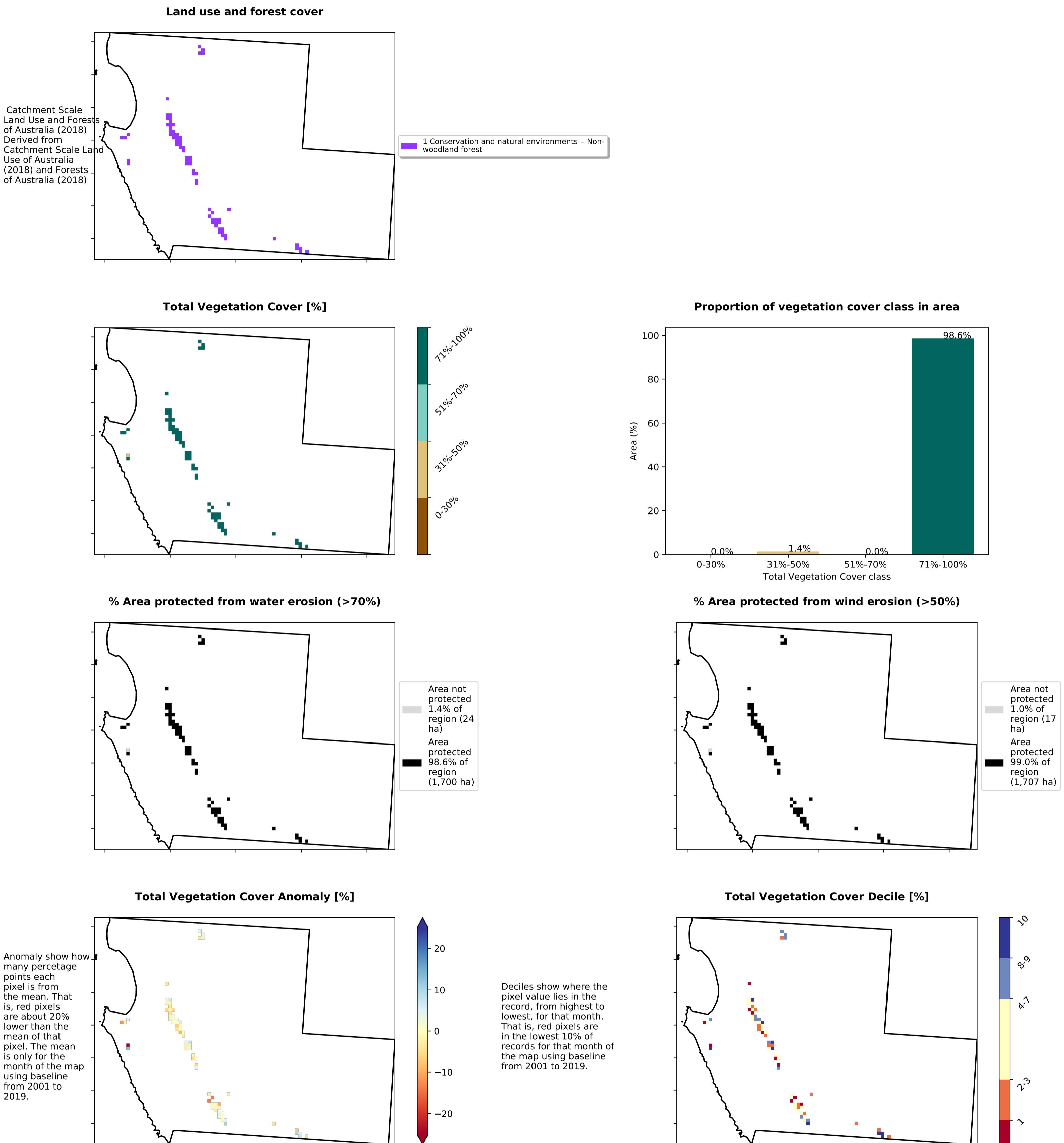
Proportion of the area protected from water erosion (Total Vegetation Cover > 90%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 95%)



# Conservation and natural environments Forest (non woodland)

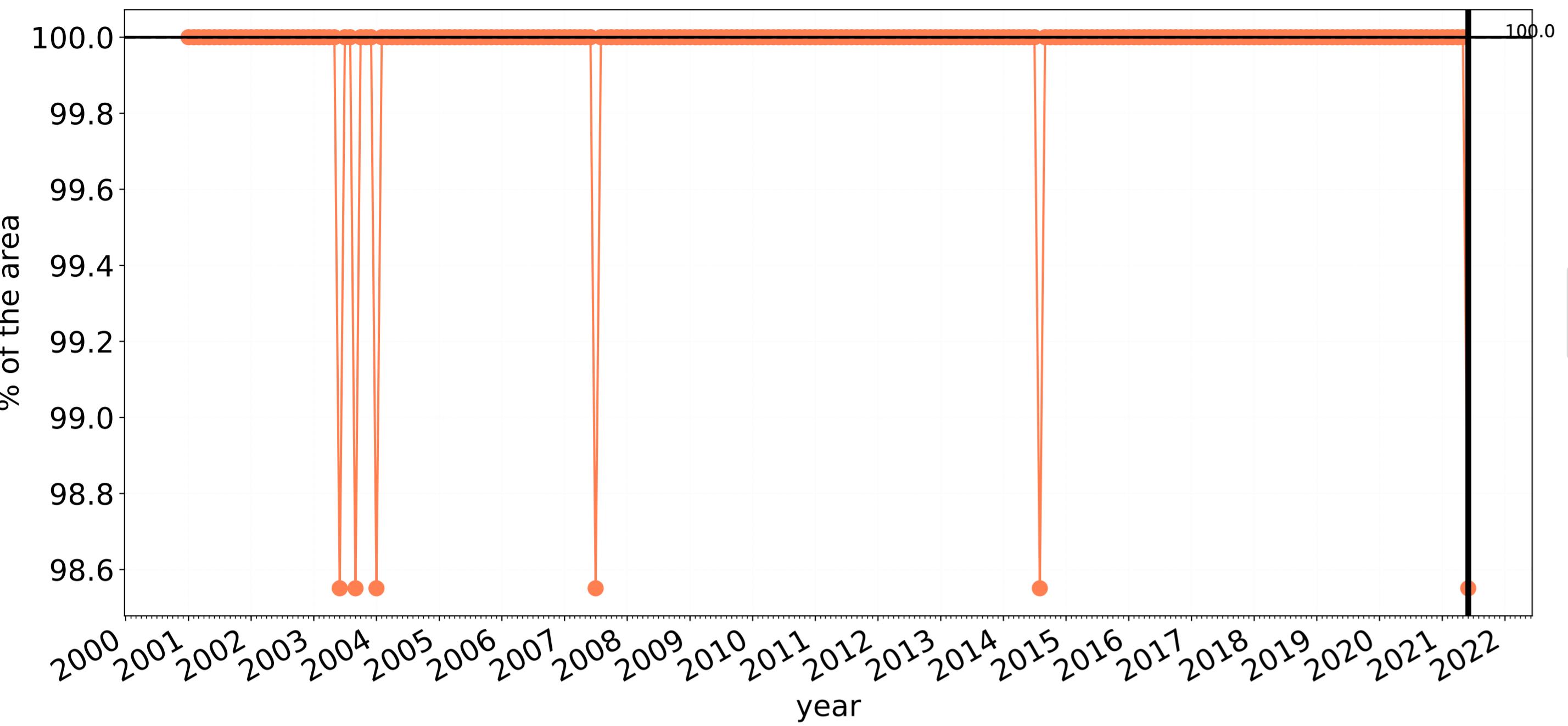


**tern**  
Ecosystem Research Infrastructure

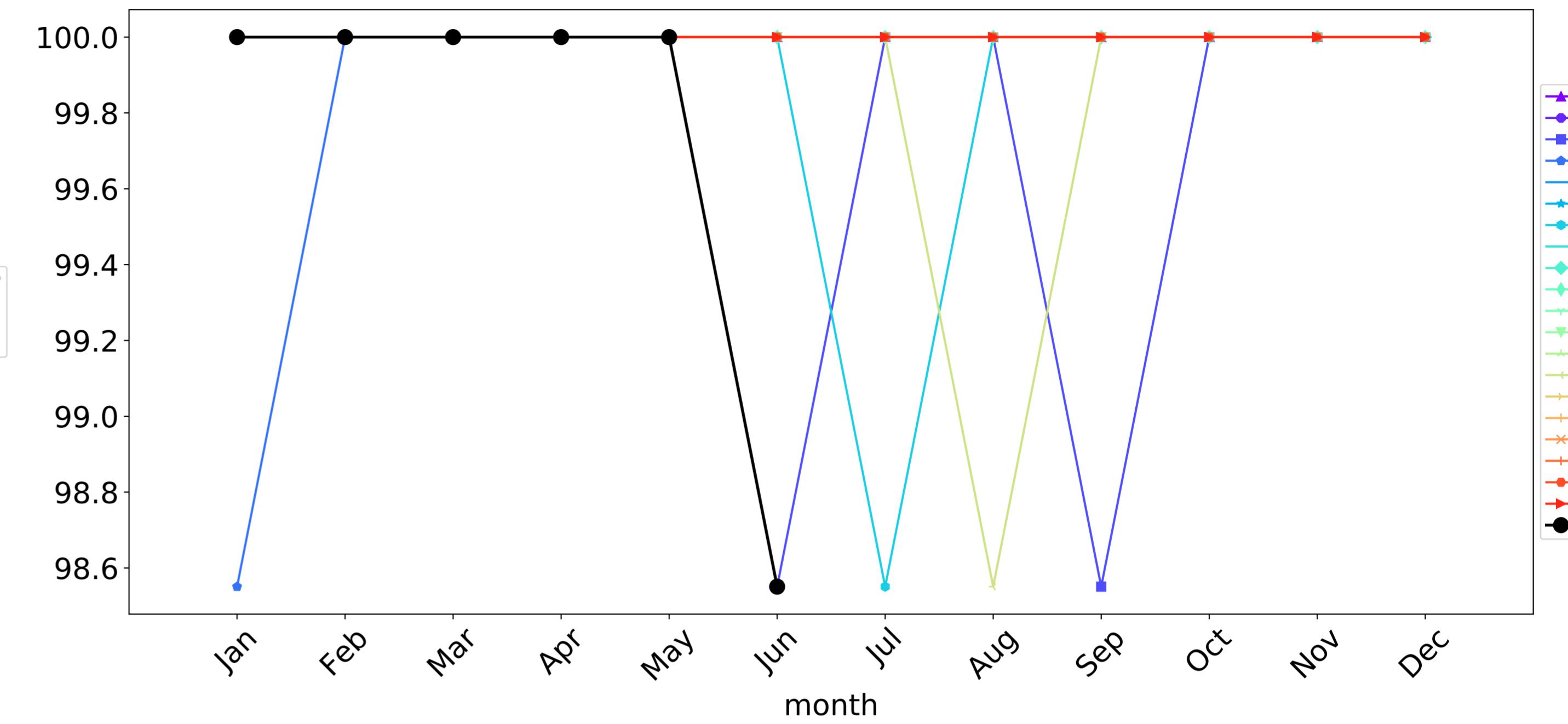


## Conservation and natural environments Forest (non woodland) timeseries

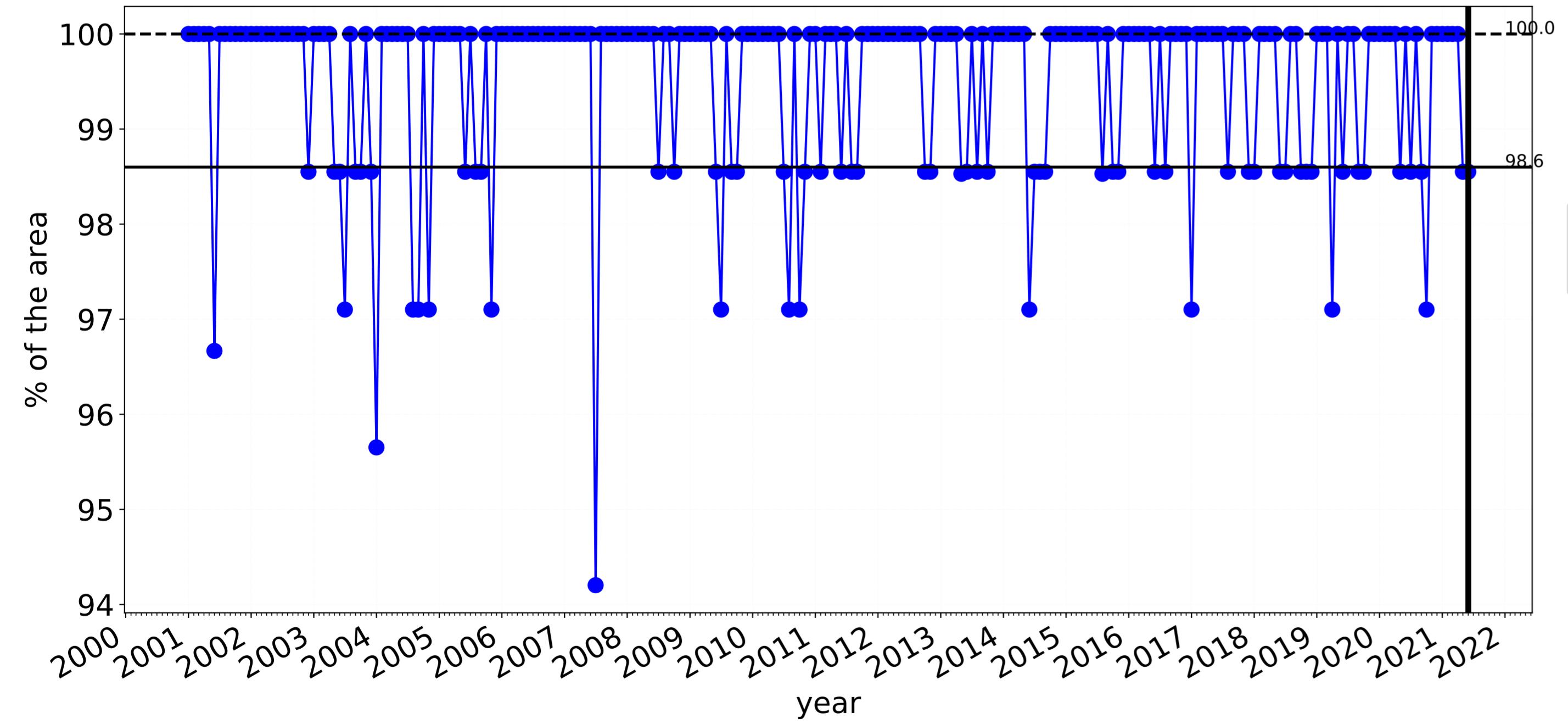
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



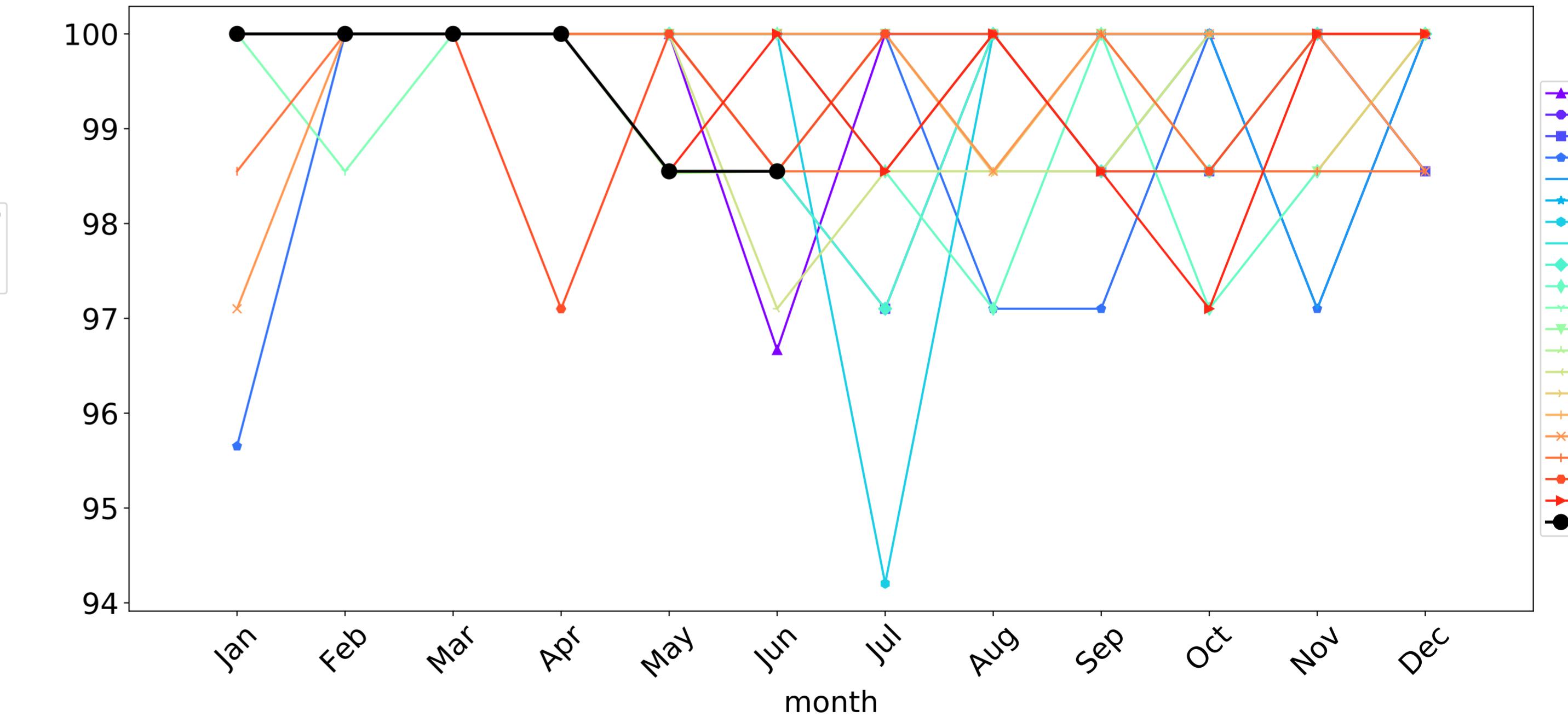
Wind erosion historical monthly area protected (Total Veg Cov >50%)

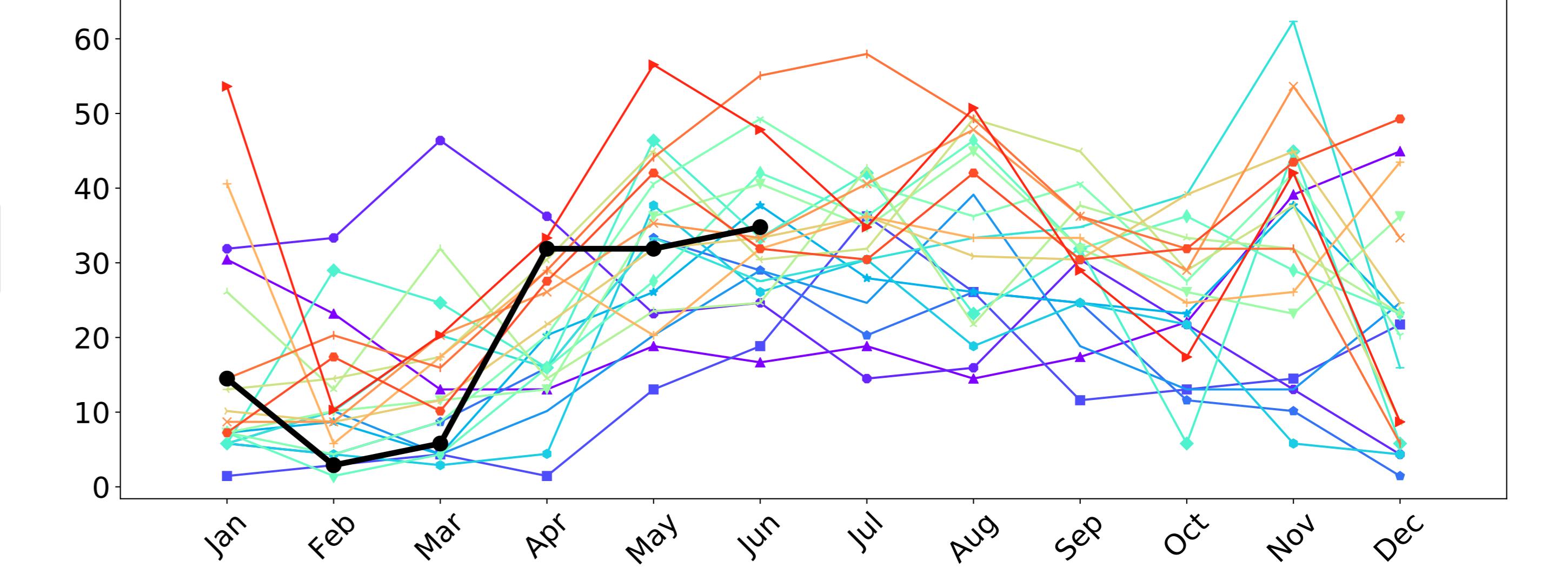
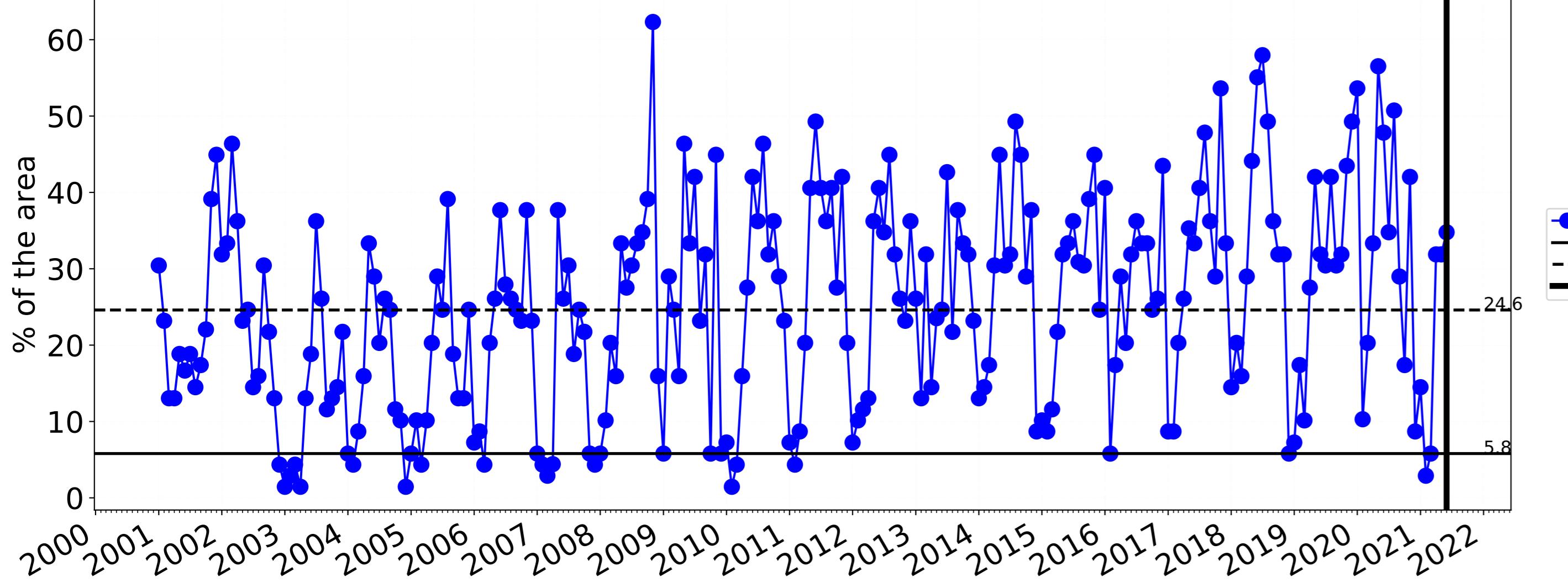
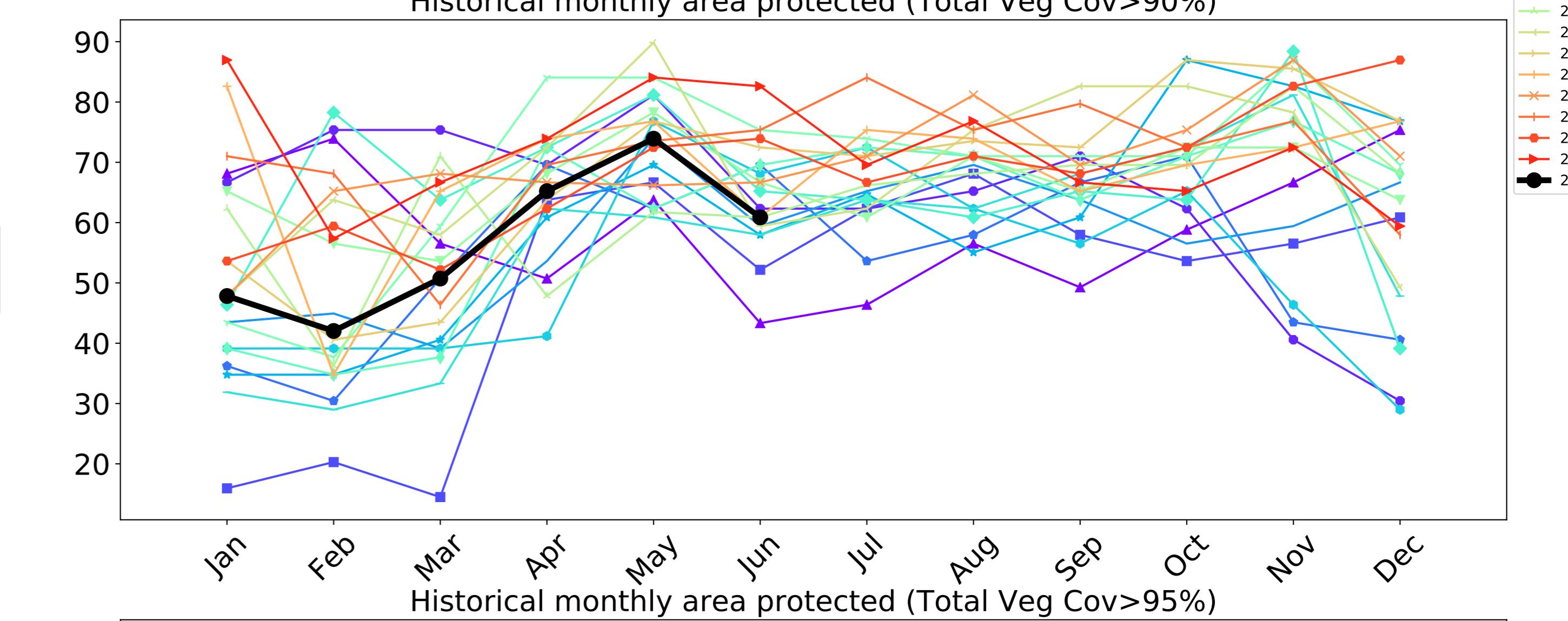
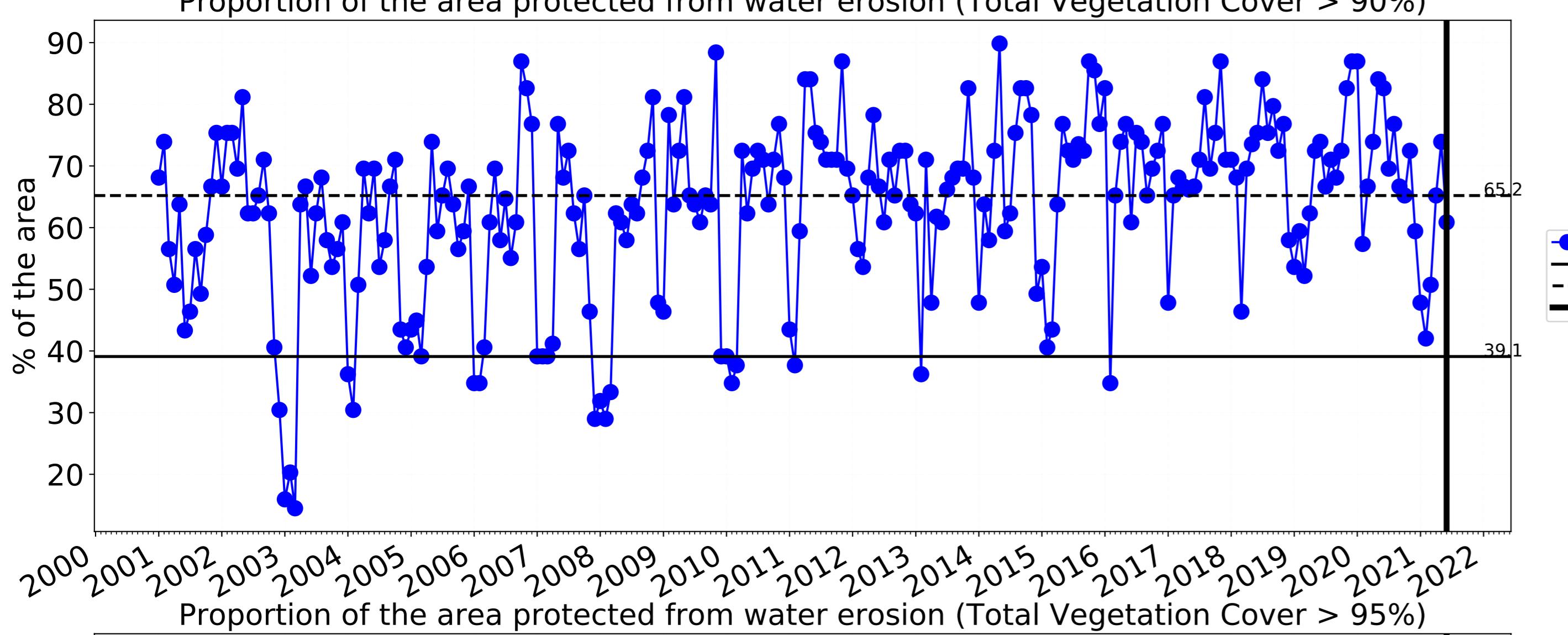
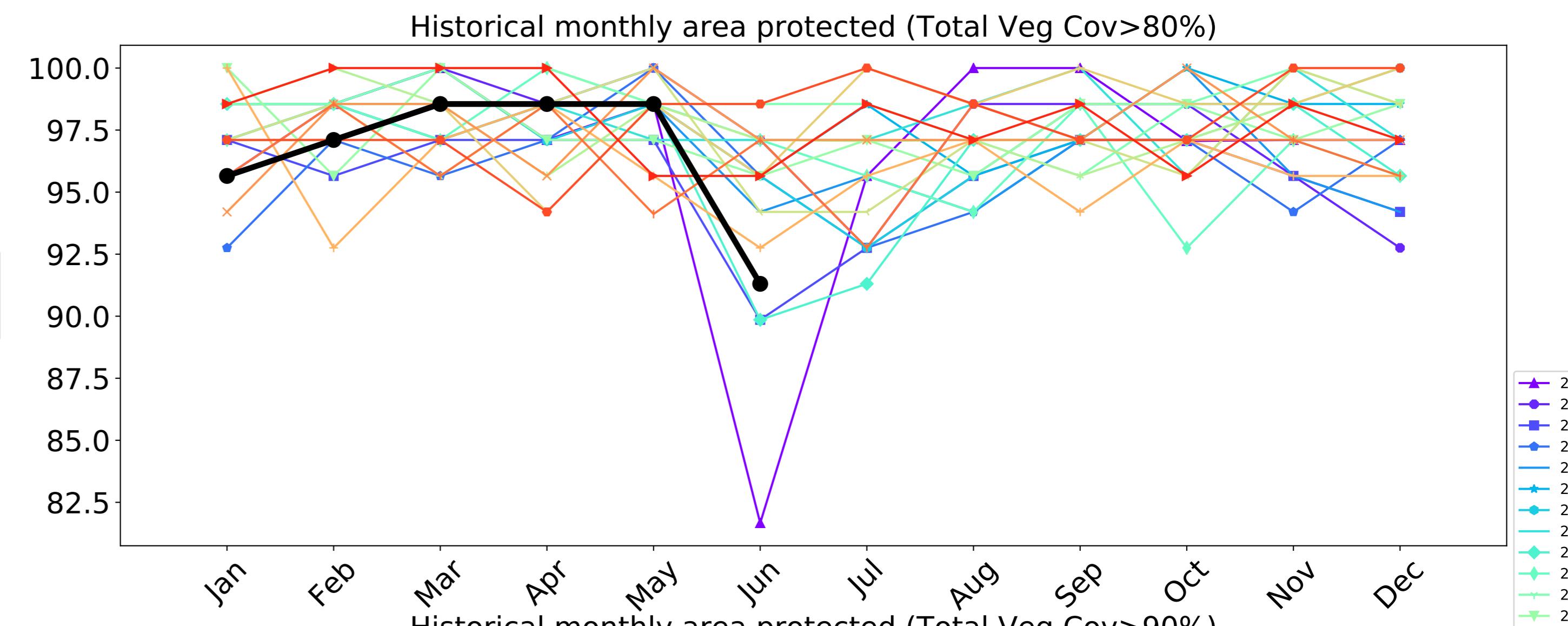
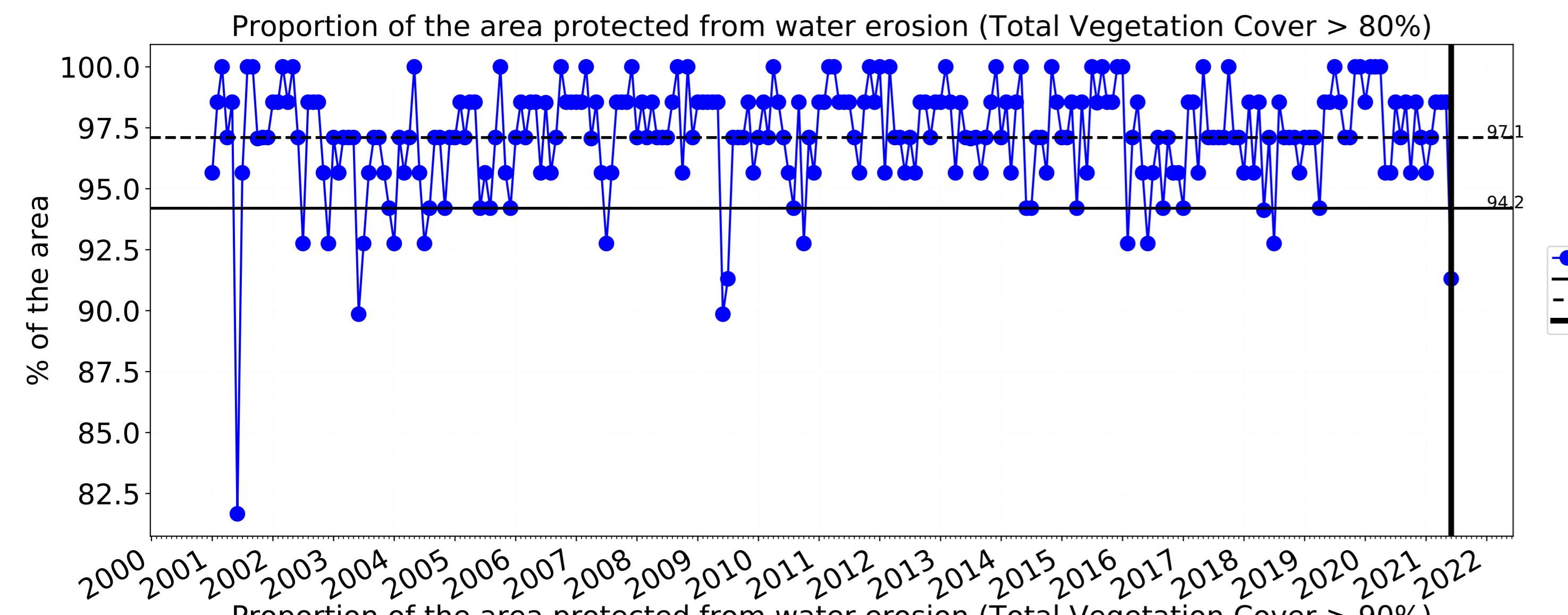


Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)



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

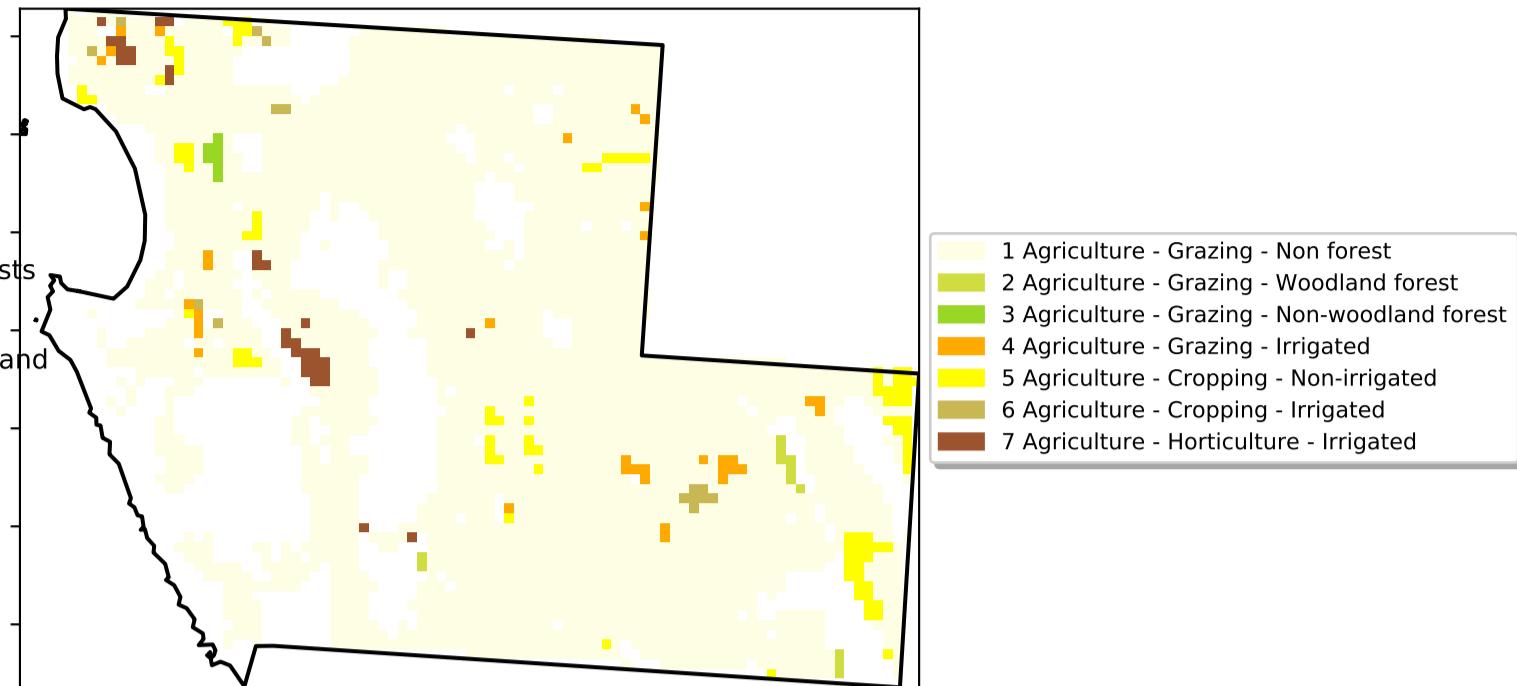




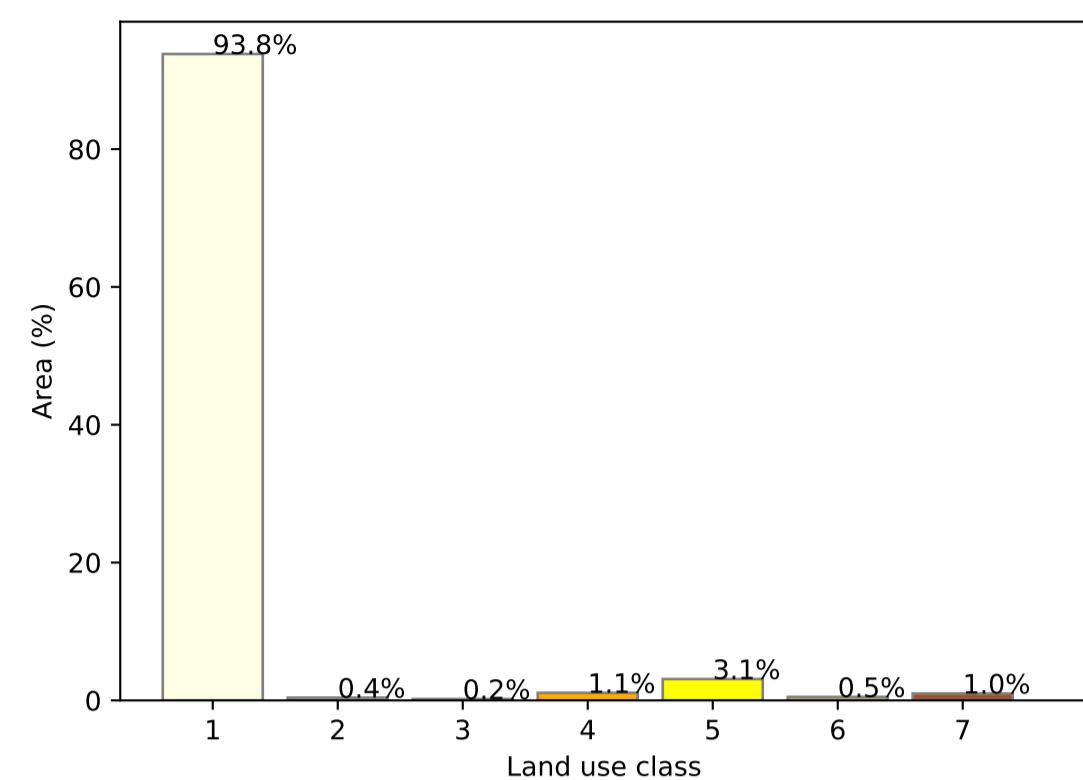
# Agriculture

**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)



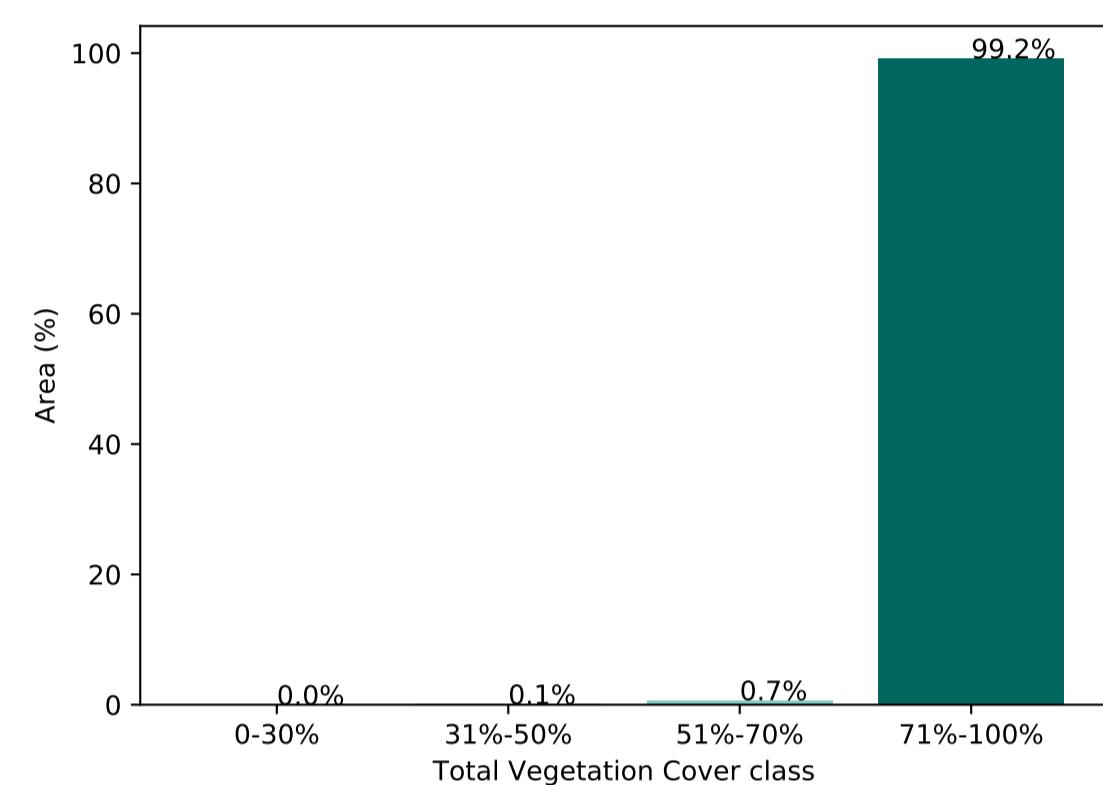
**Proportion of each land class in area**



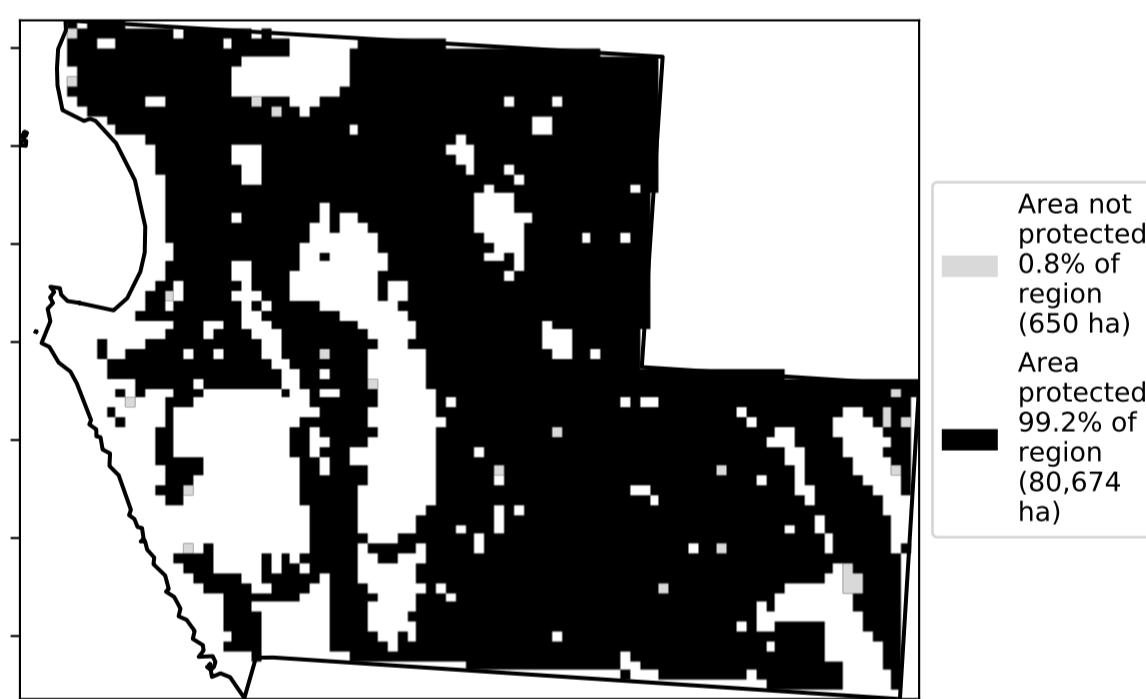
**Total Vegetation Cover [%]**



**Proportion of vegetation cover class in area**



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

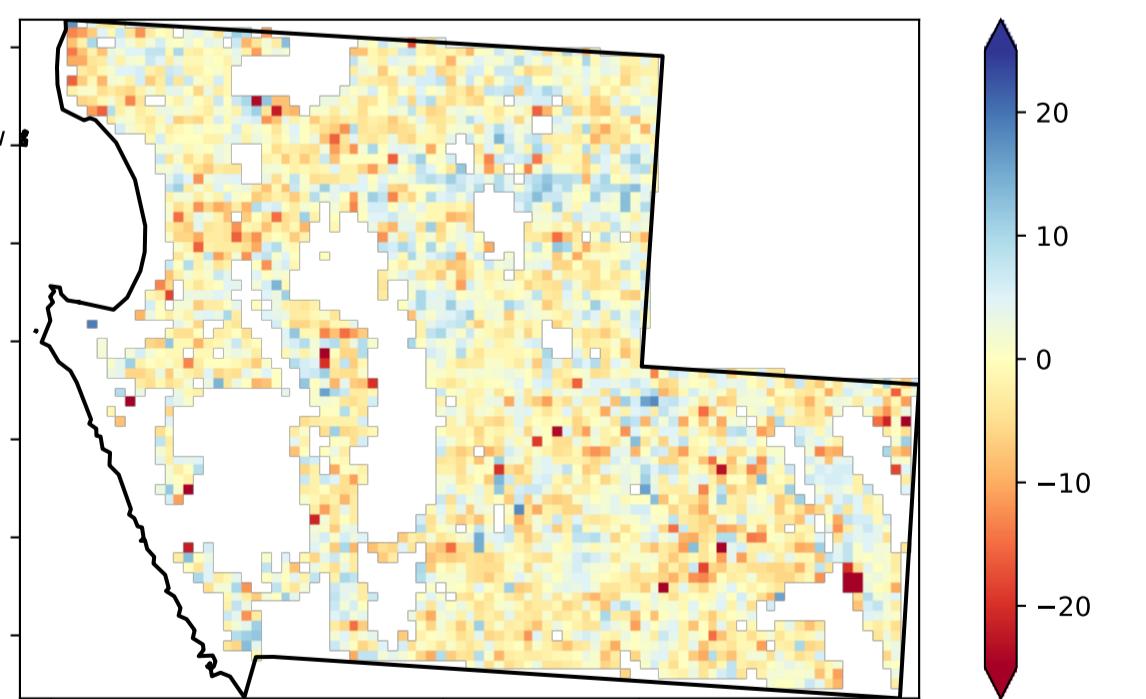


**% Area protected from wind erosion (>50%)**



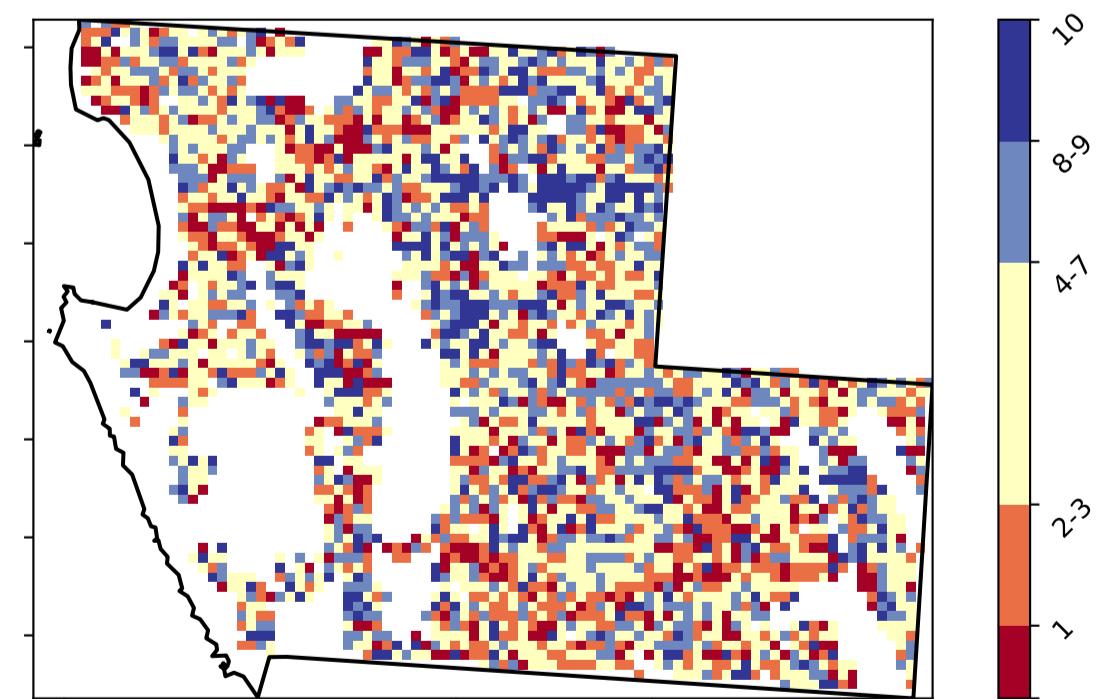
**Total Vegetation Cover Anomaly [%]**

Anomaly shows how many percentage 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.

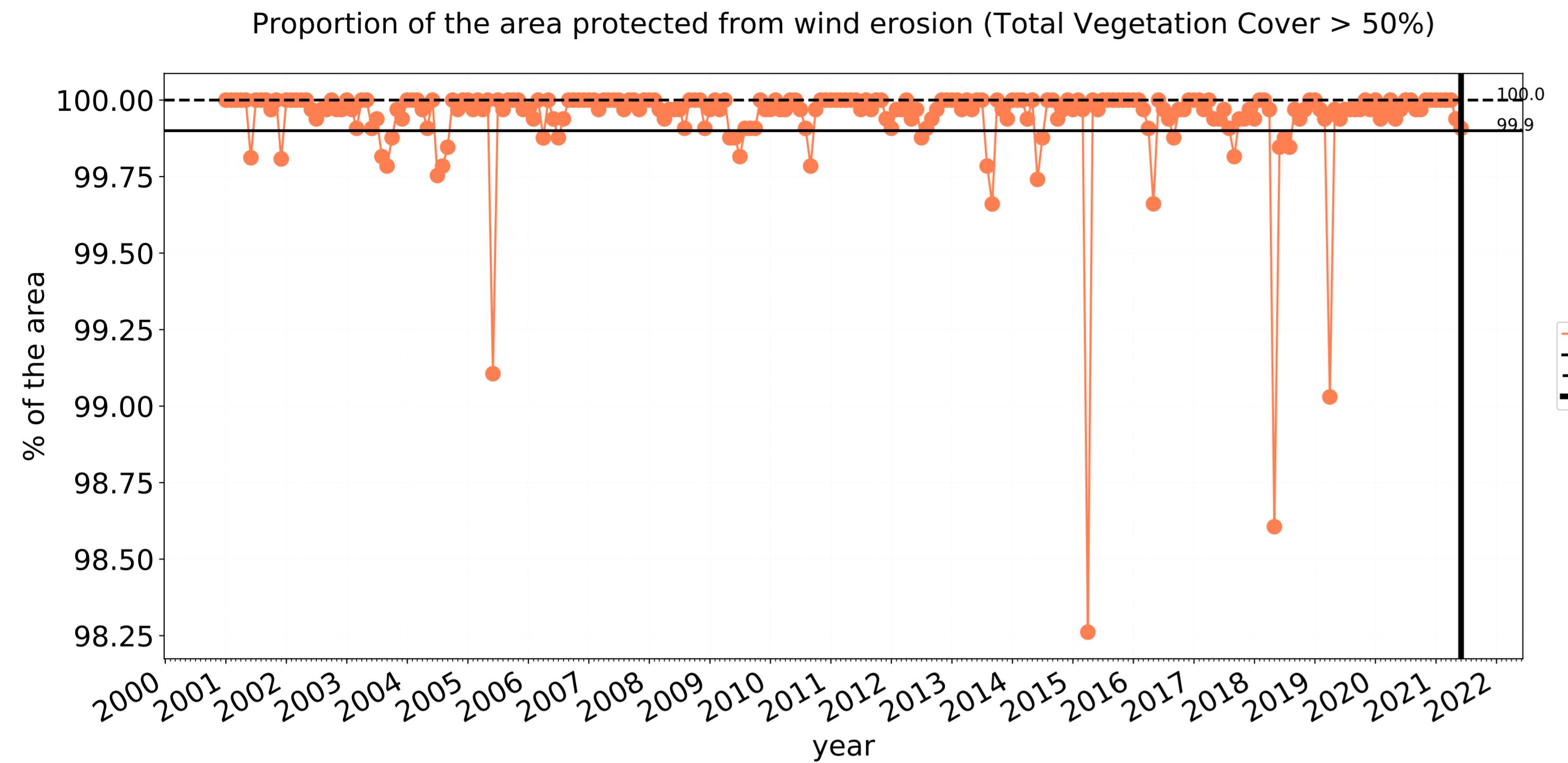


Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

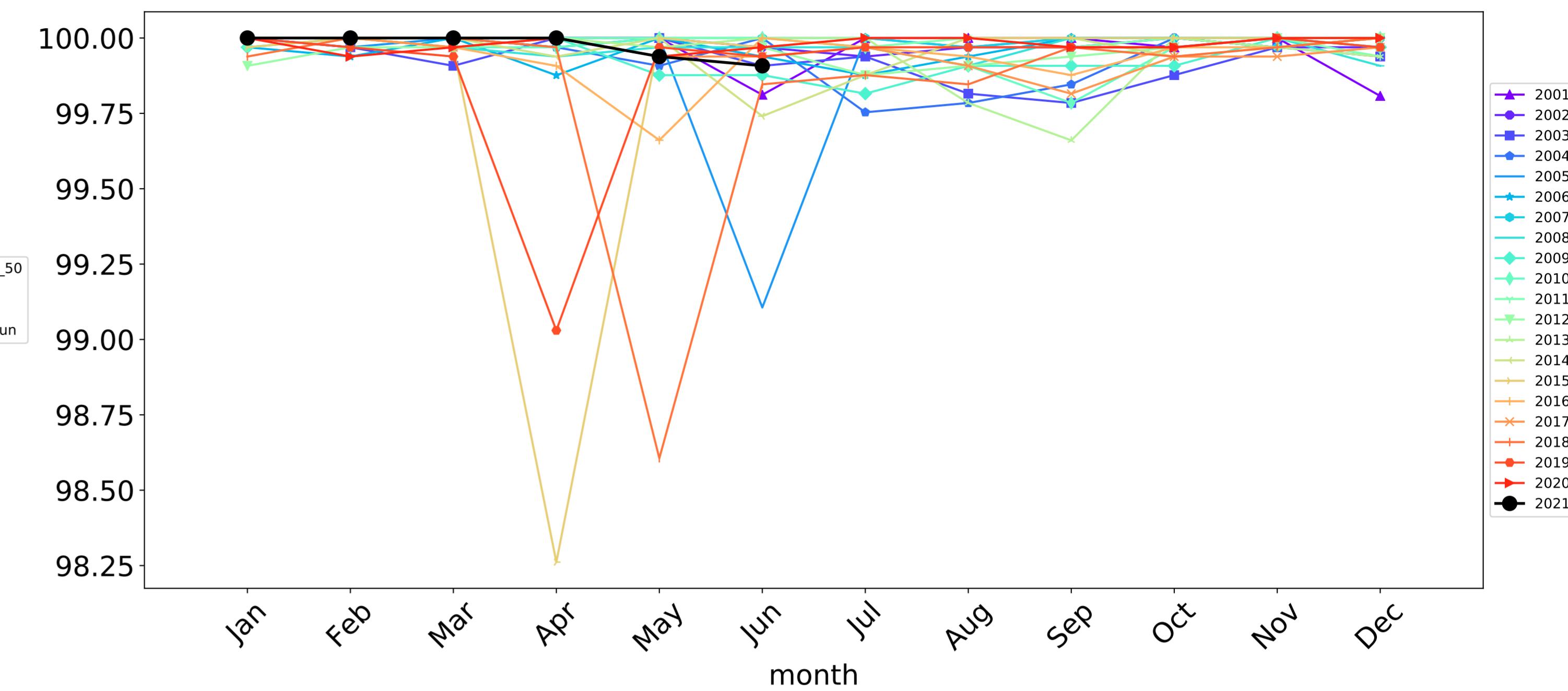
**Total Vegetation Cover Decile [%]**



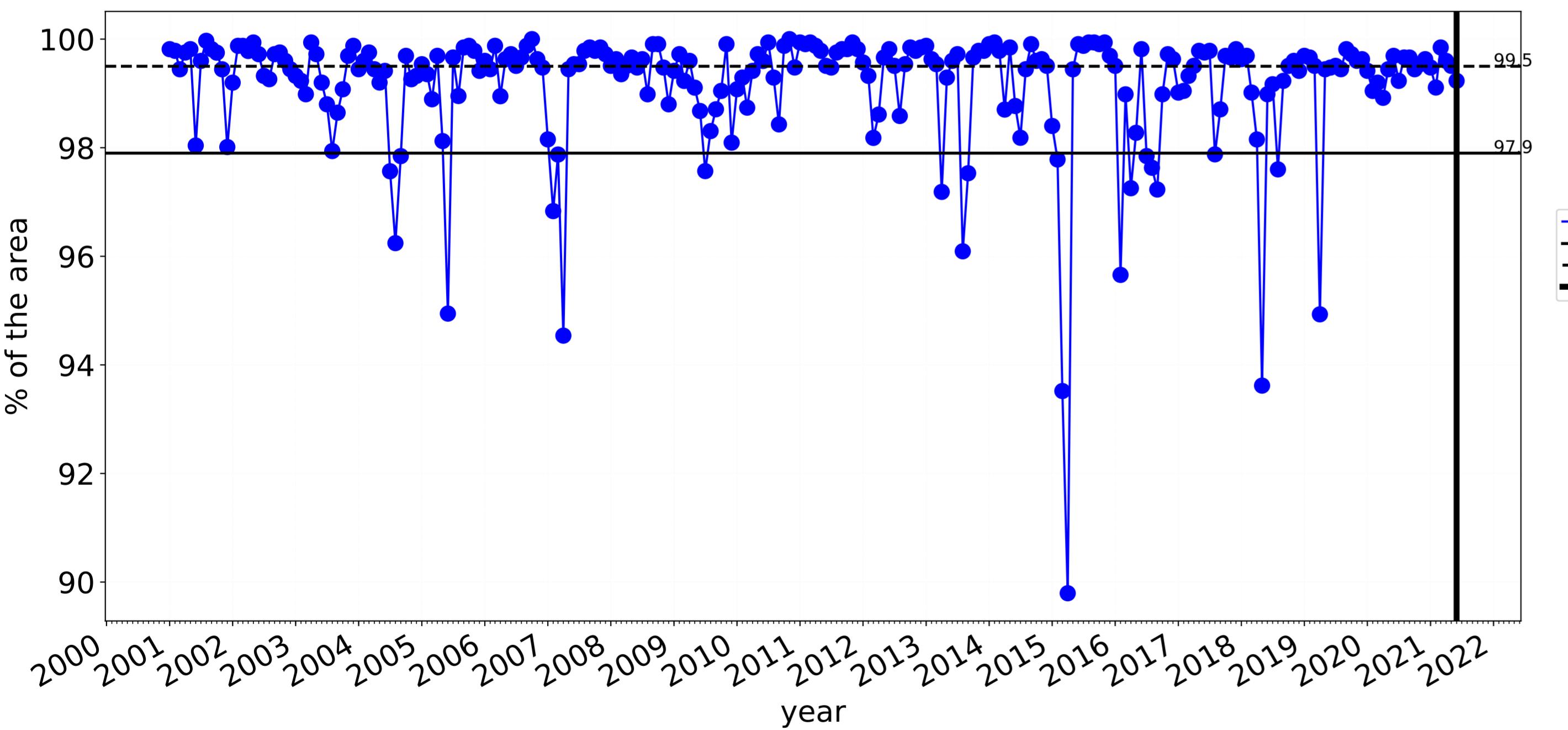
## Agriculture timeseries



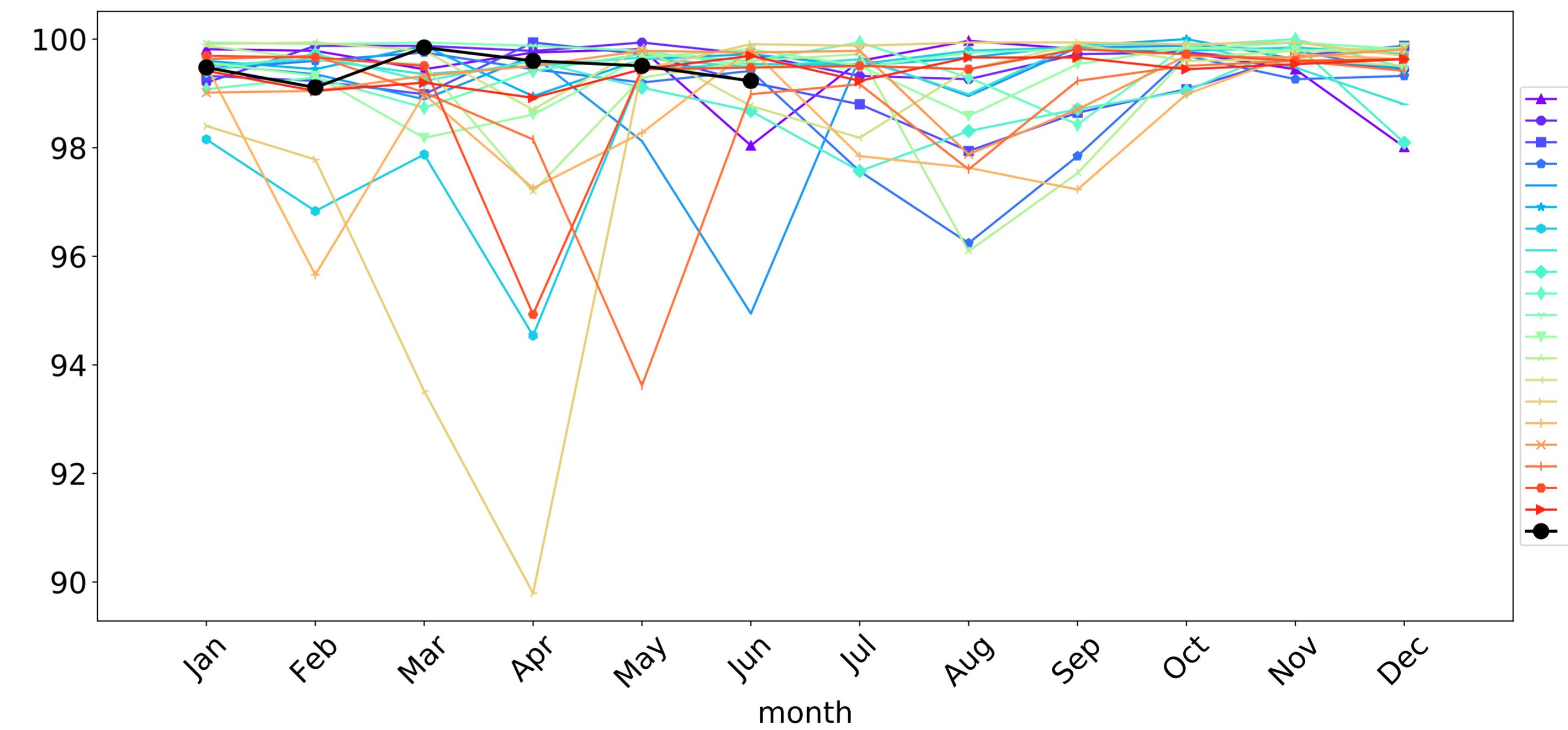
Wind erosion historical monthly area protected (Total Veg Cov >50%)



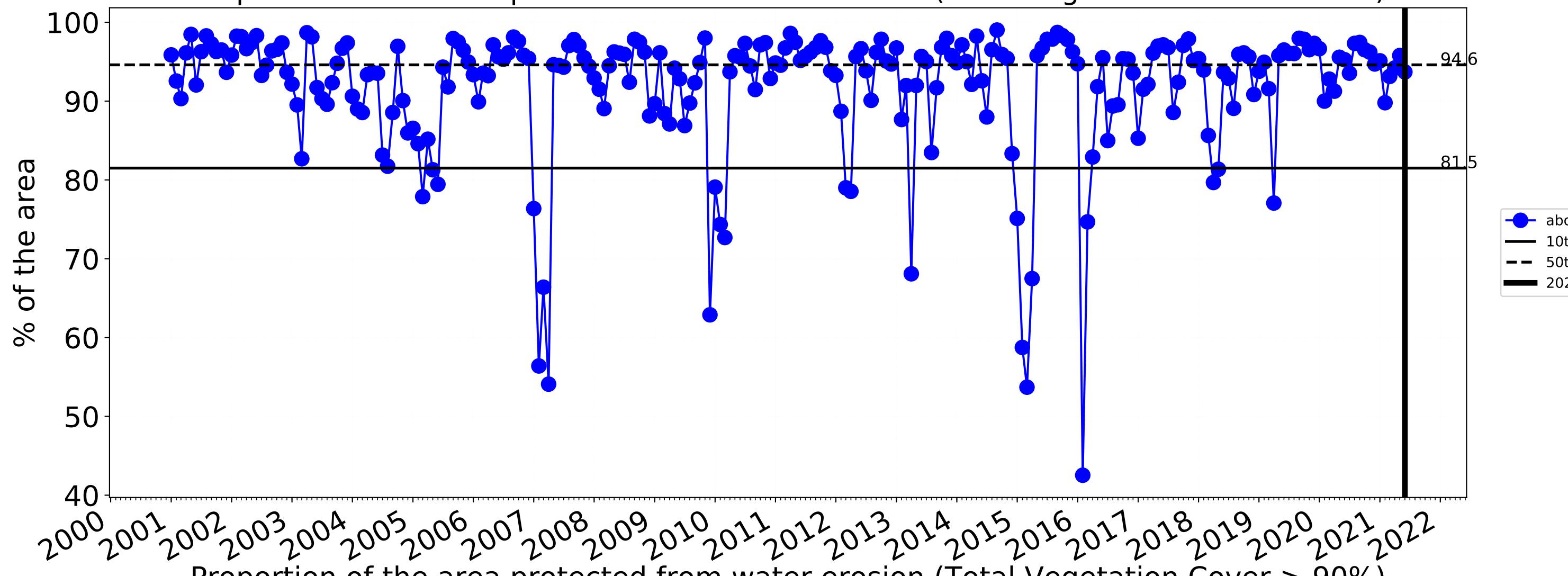
Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)



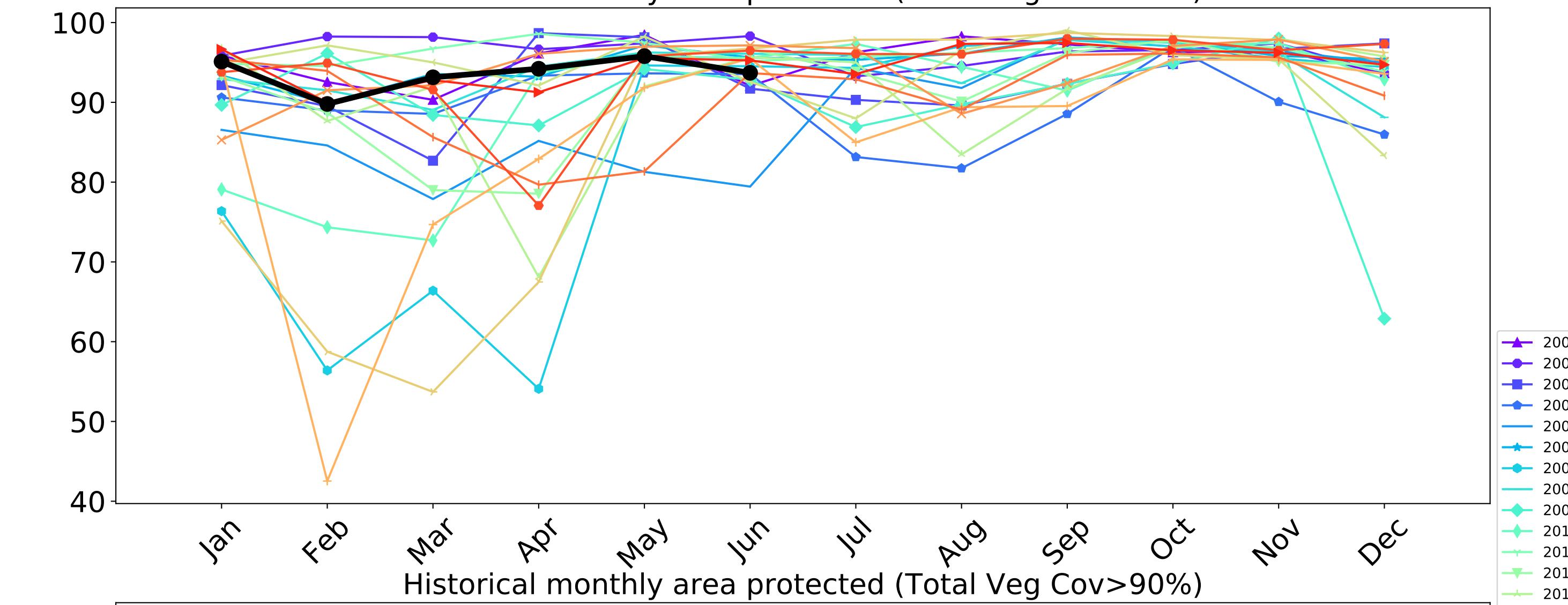
Water erosion historical monthly area protected (Total Veg Cov>70%)



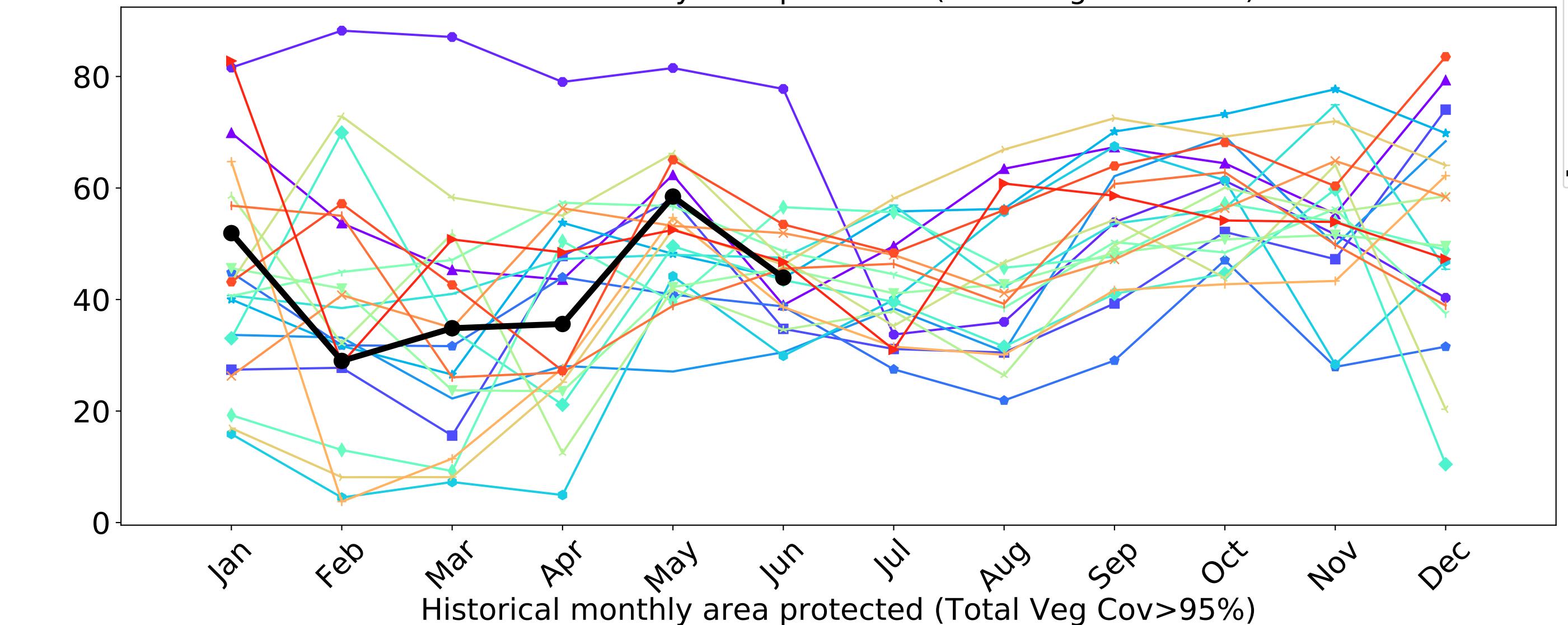
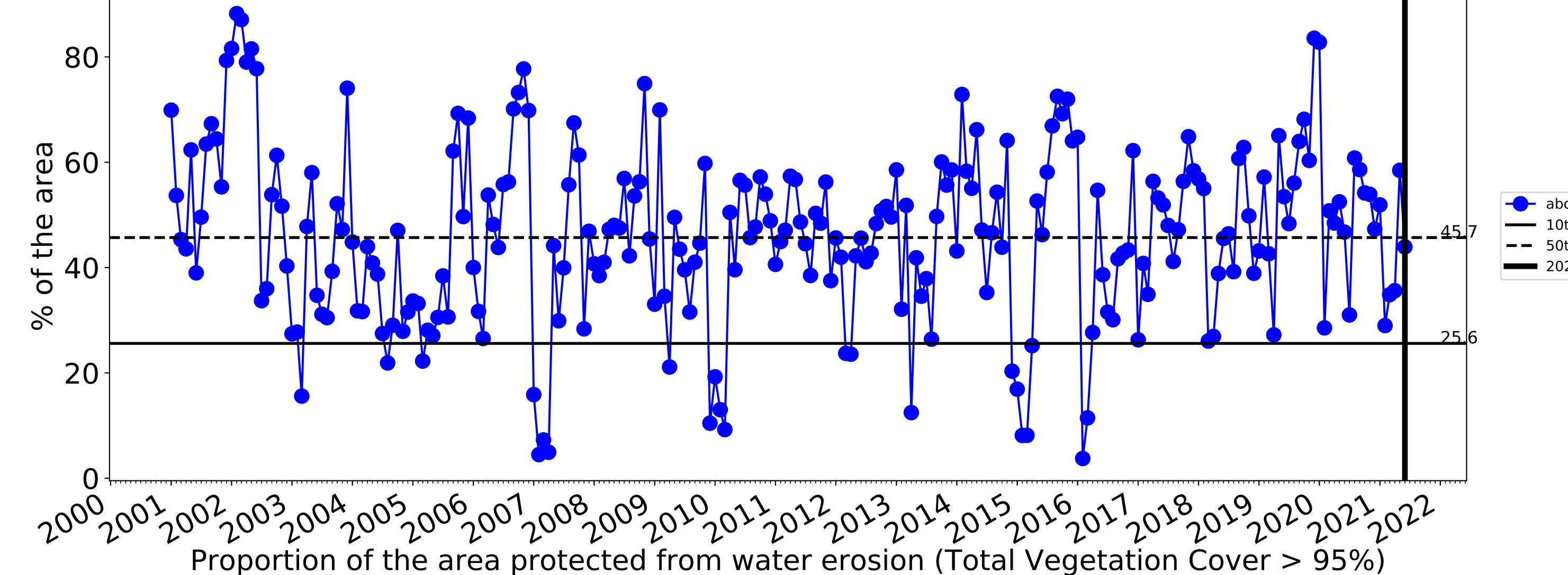
Proportion of the area protected from water erosion (Total Vegetation Cover > 80%)



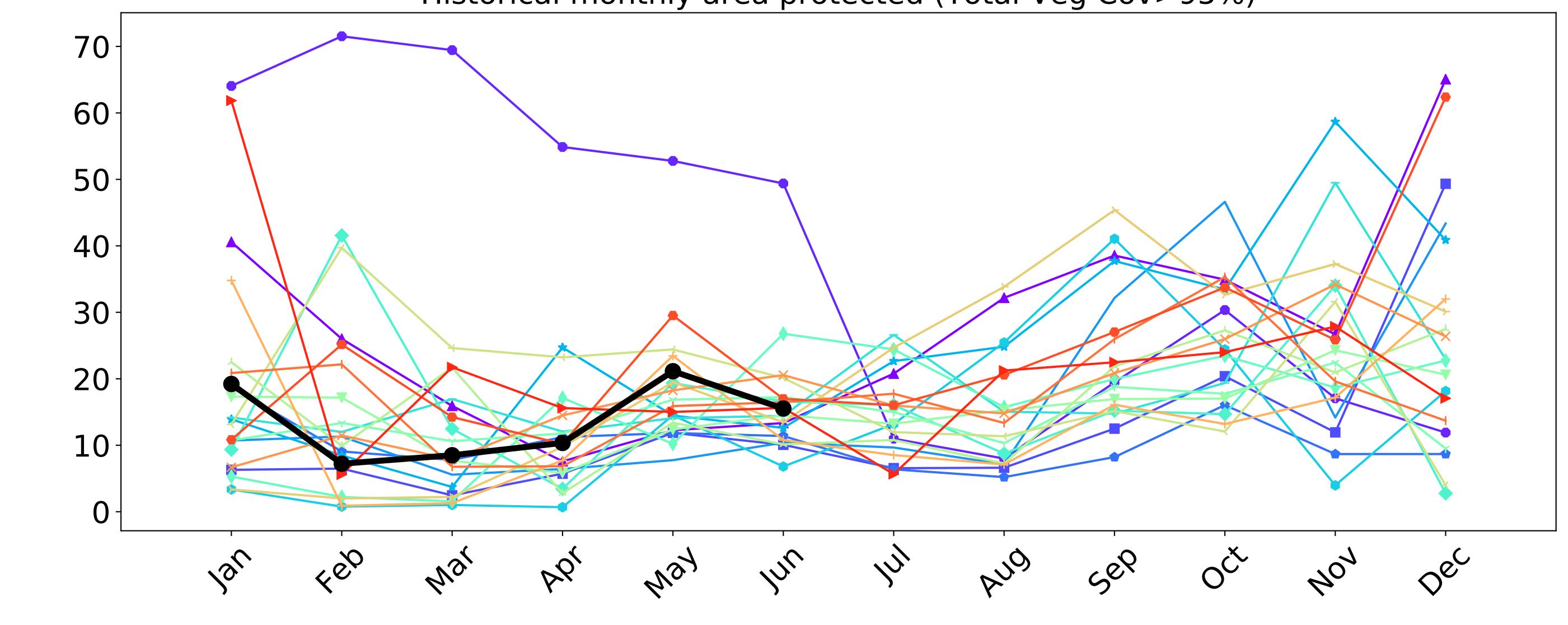
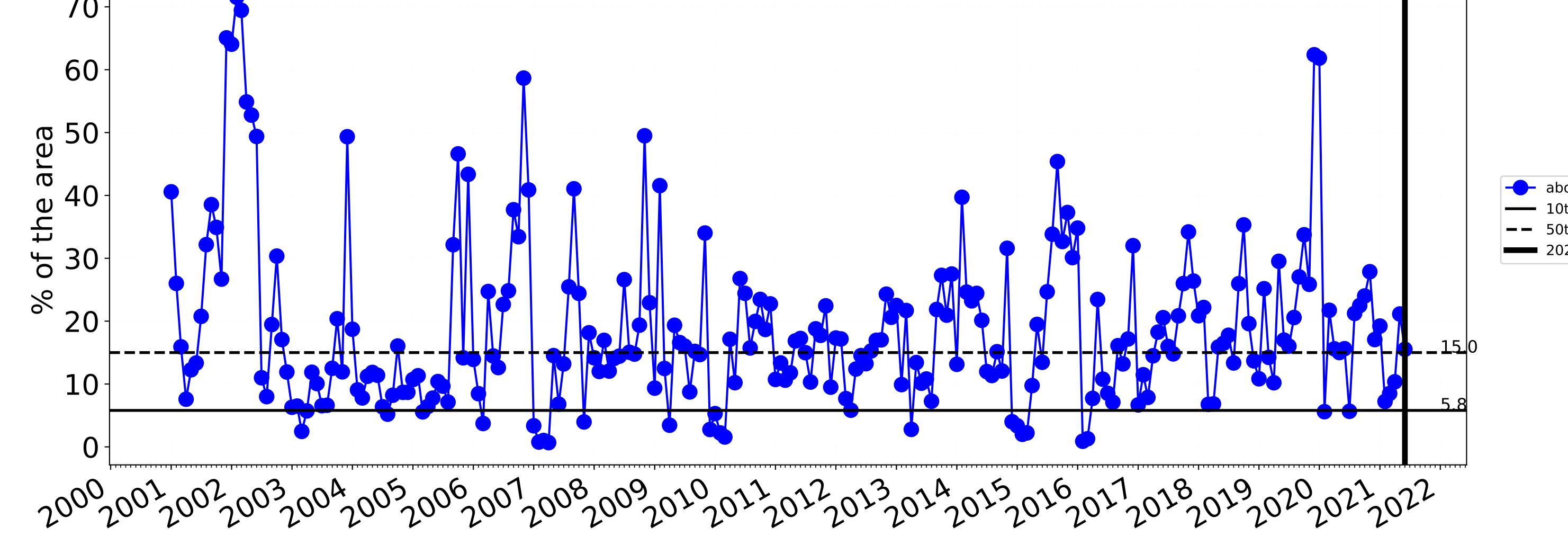
Historical monthly area protected (Total Veg Cov>80%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 90%)



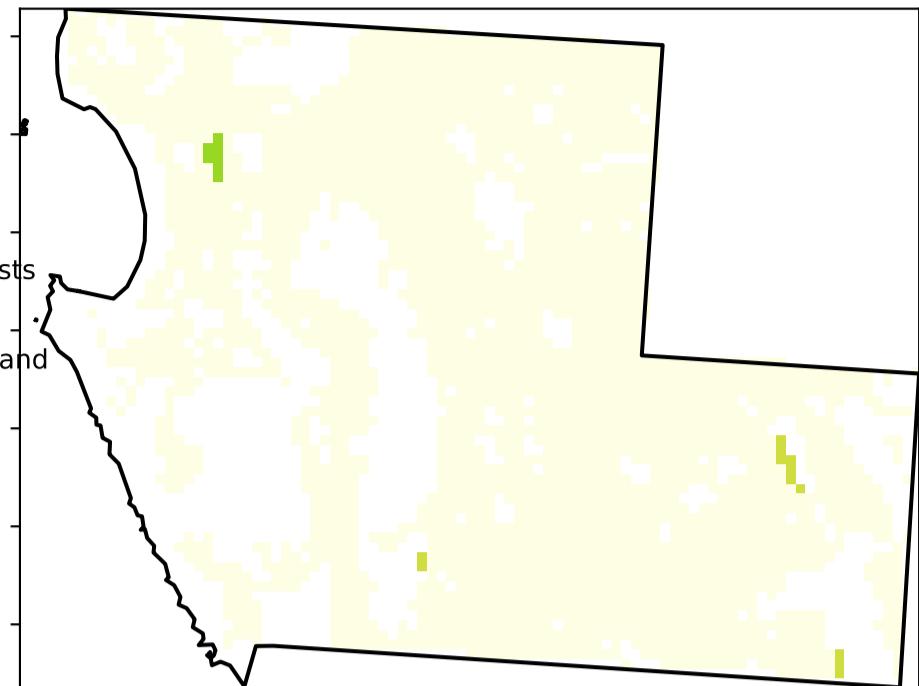
Proportion of the area protected from water erosion (Total Vegetation Cover > 95%)



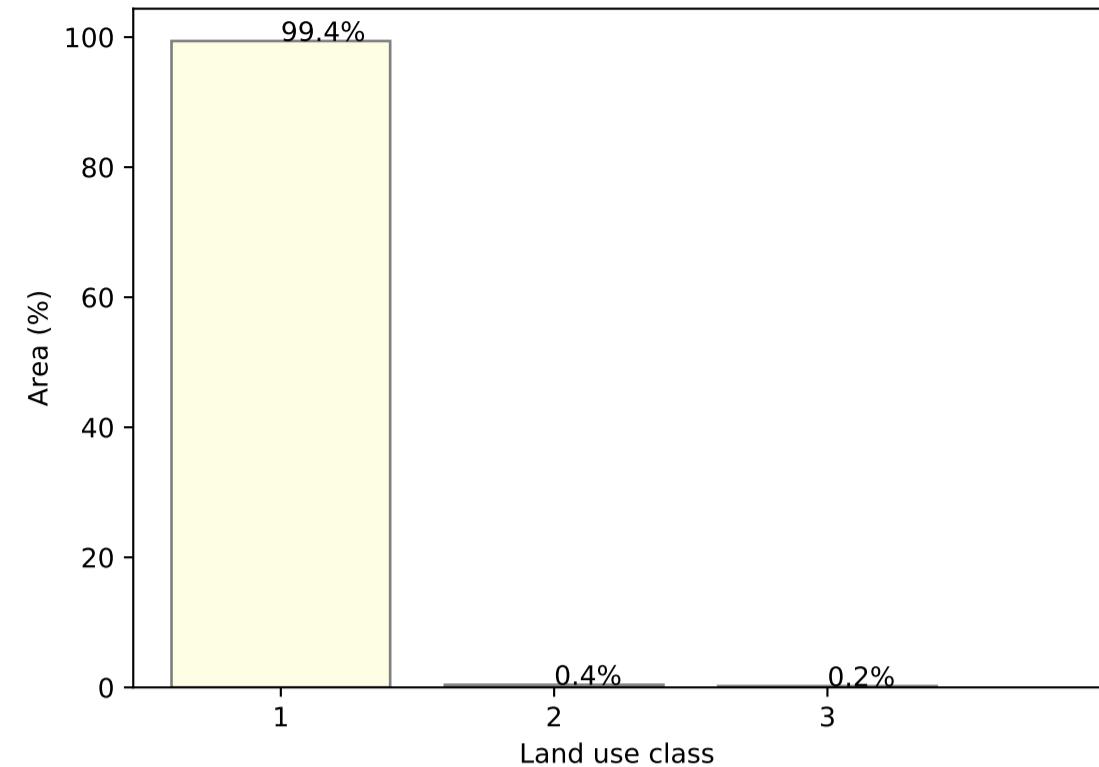
## Grazing

**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)



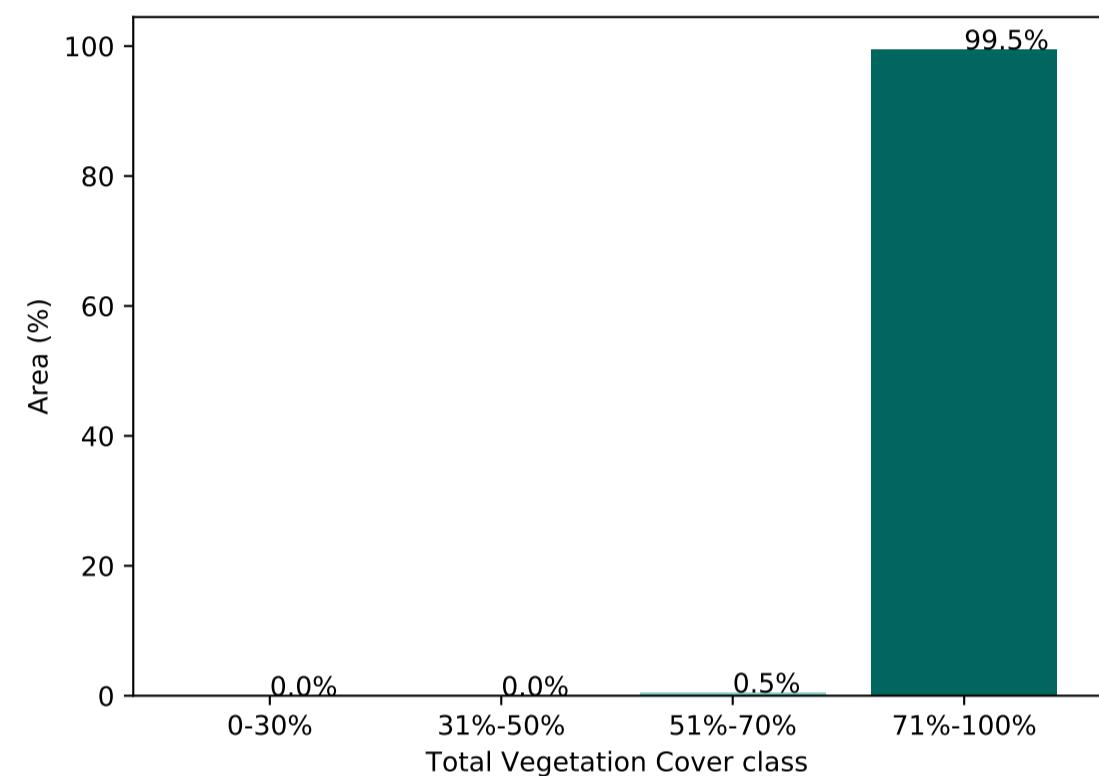
**Proportion of each land class in area**



**Total Vegetation Cover [%]**



**Proportion of vegetation cover class in area**



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

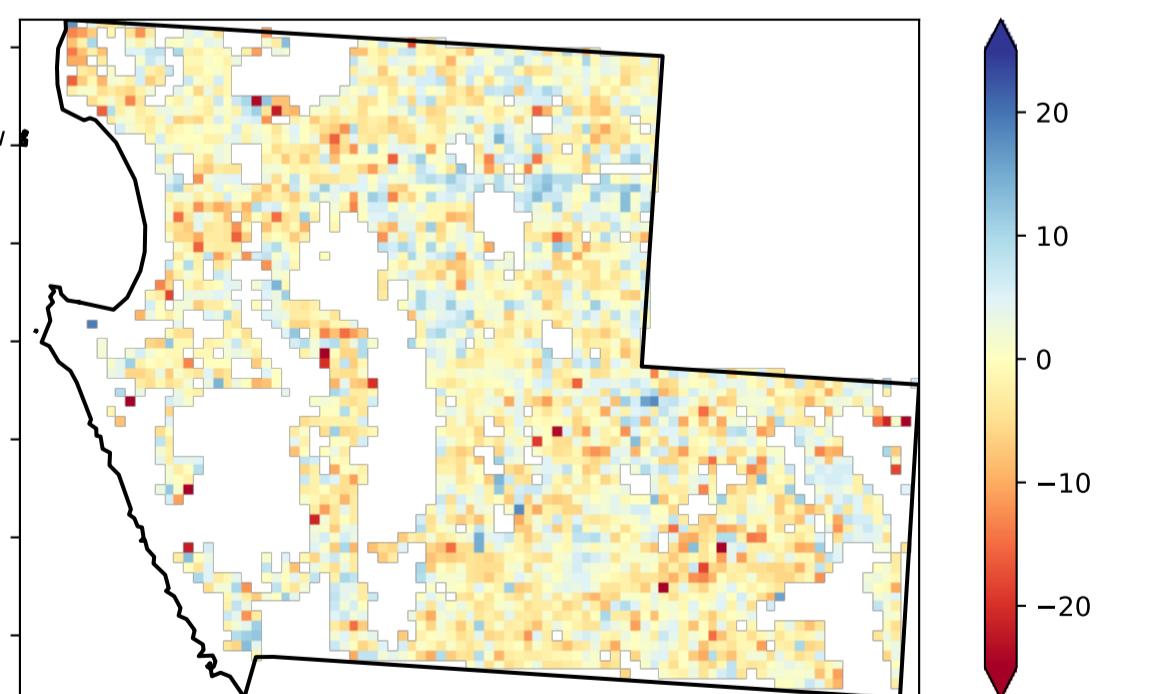


**% Area protected from wind erosion (>50%)**



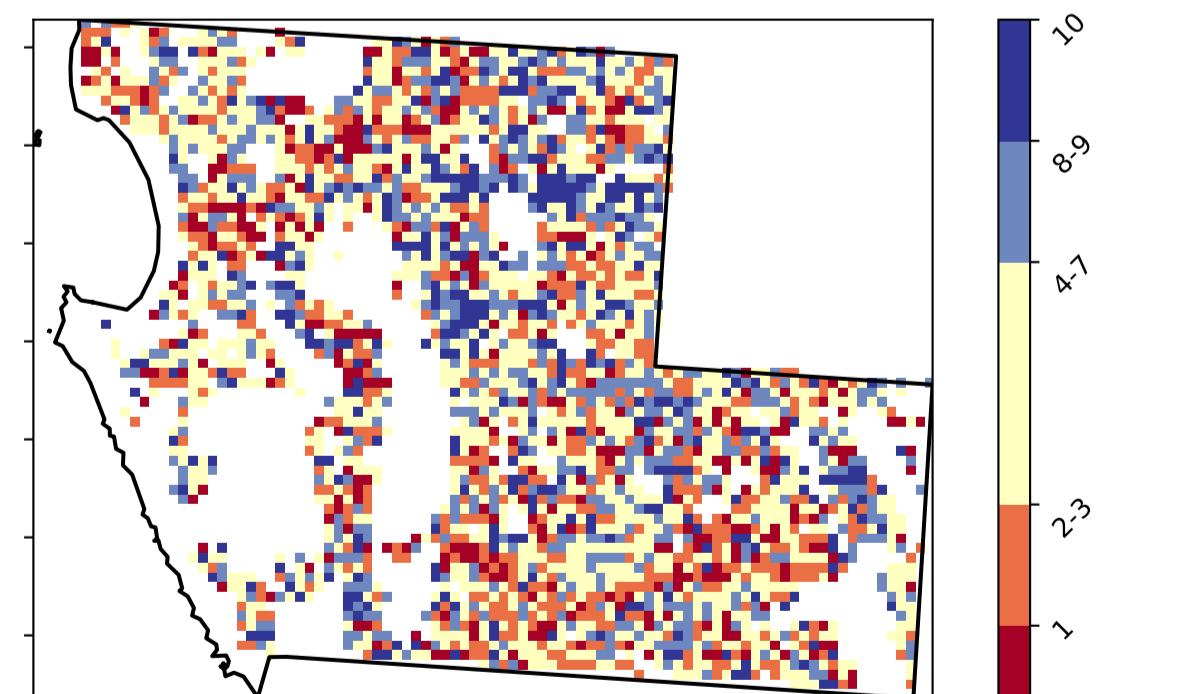
**Total Vegetation Cover Anomaly [%]**

Anomaly shows how many percentage 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.

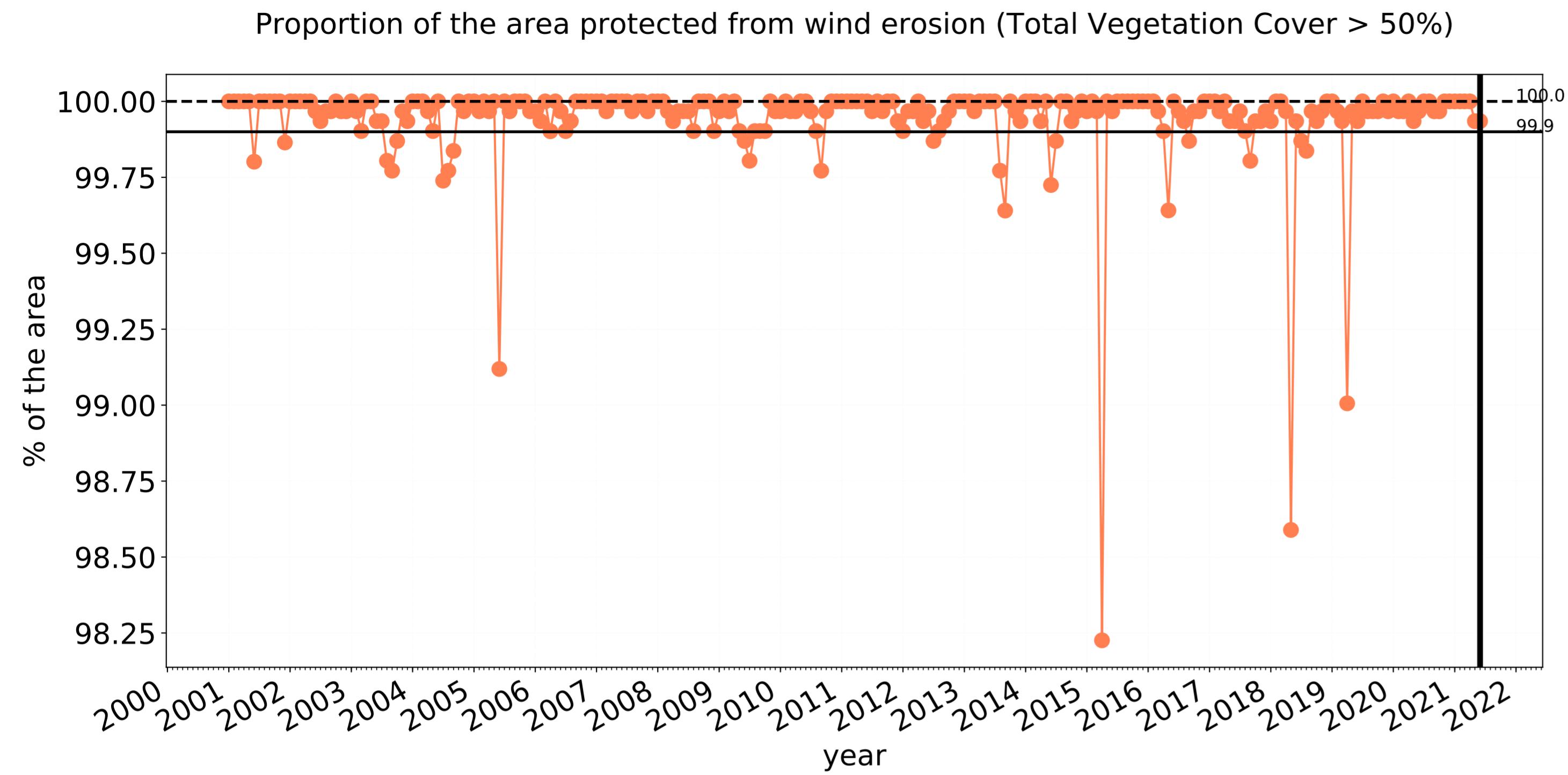


Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

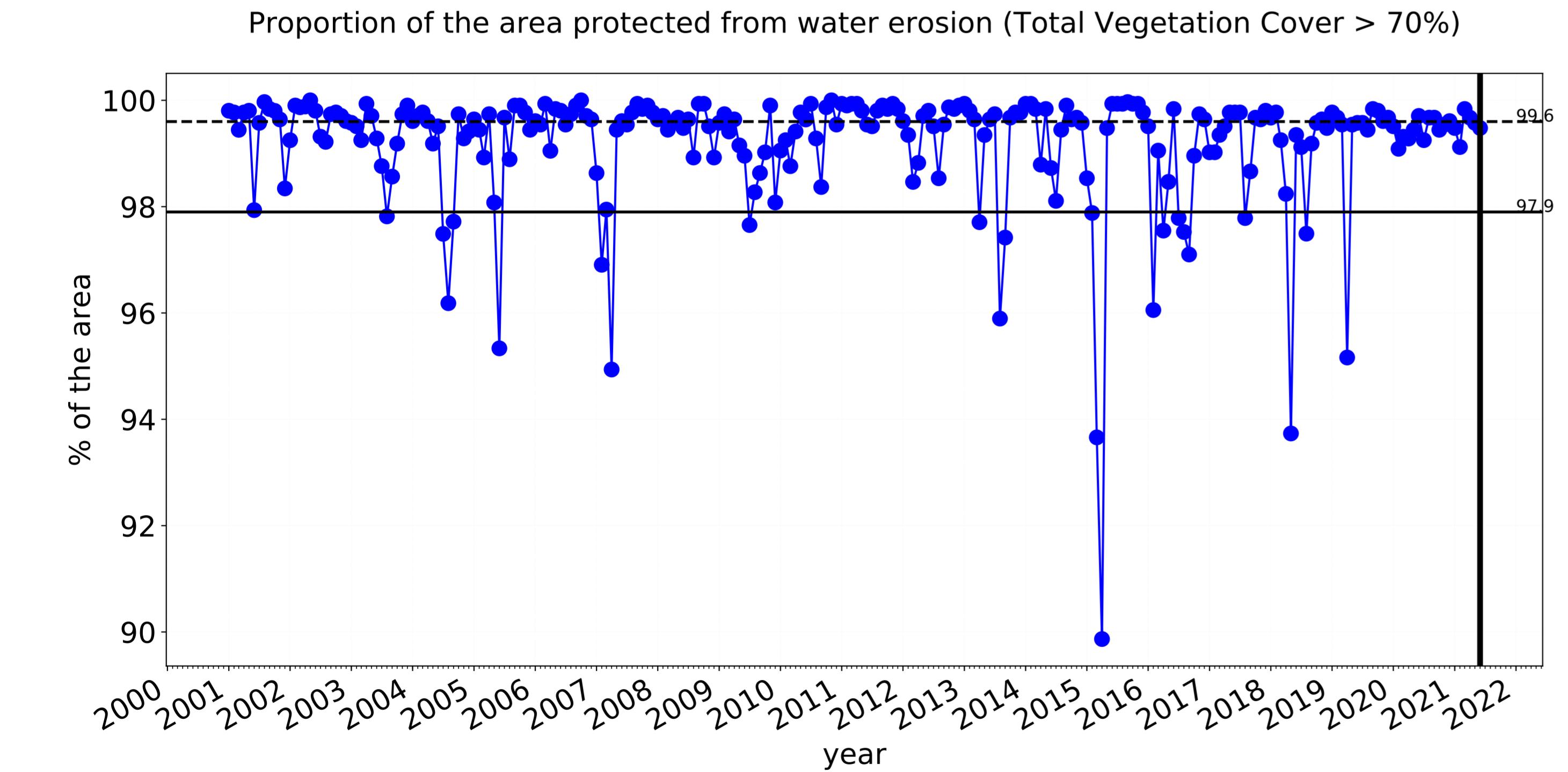
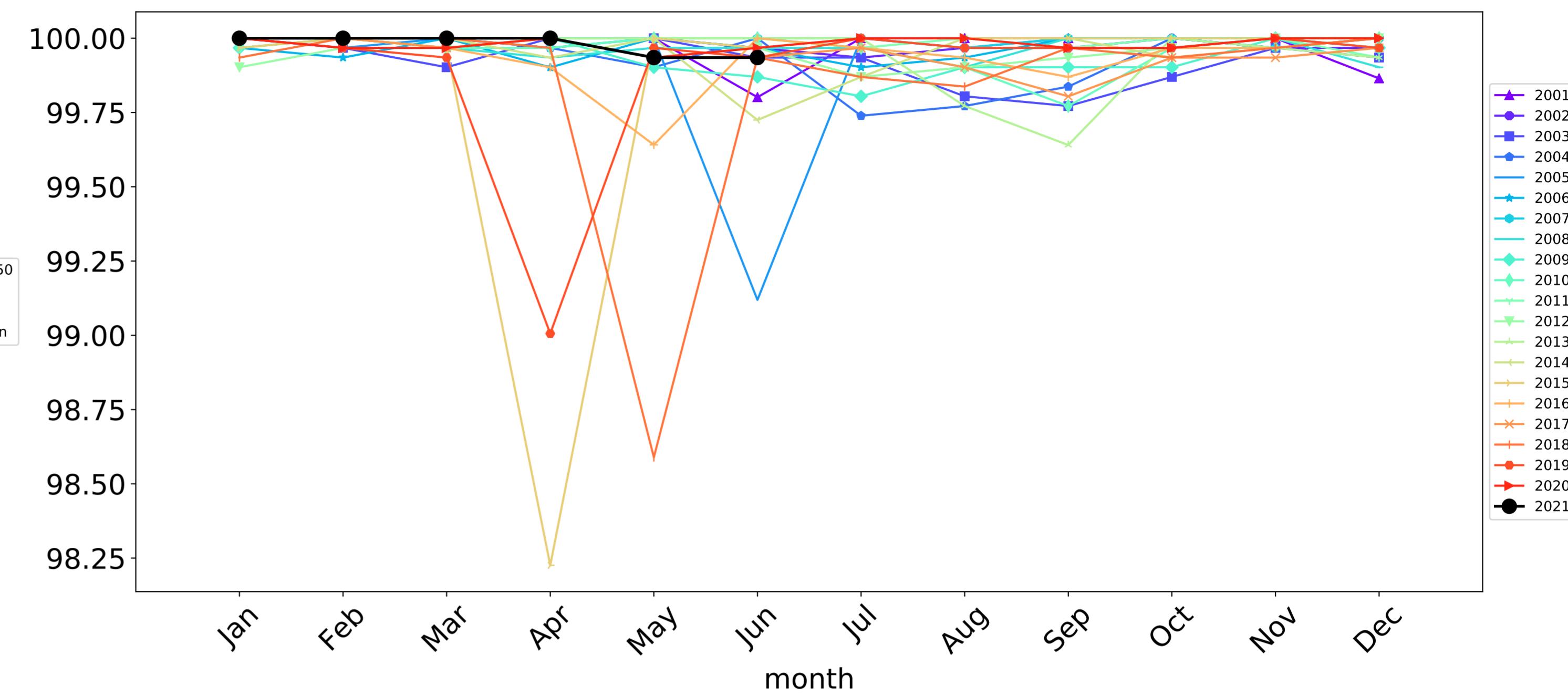
**Total Vegetation Cover Decile [%]**



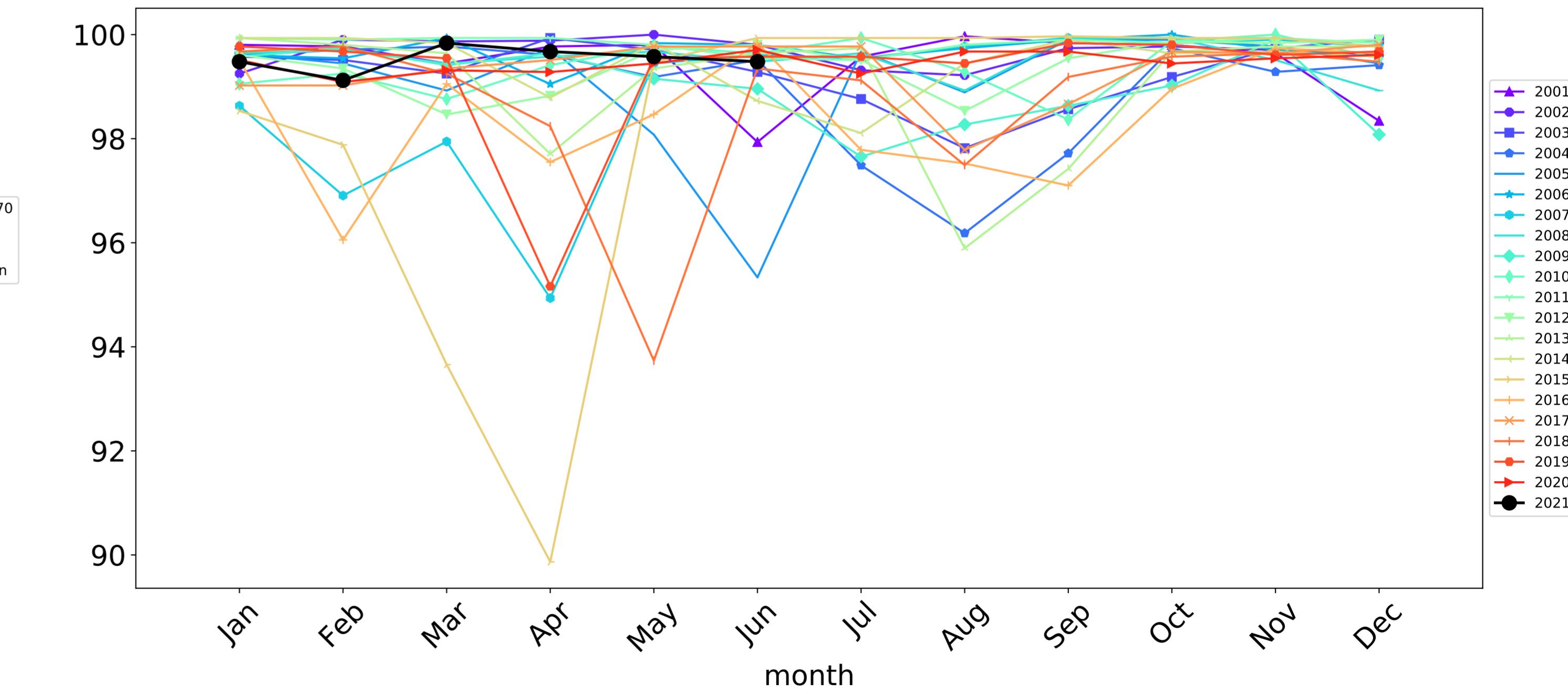
### Grazing timeseries



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



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



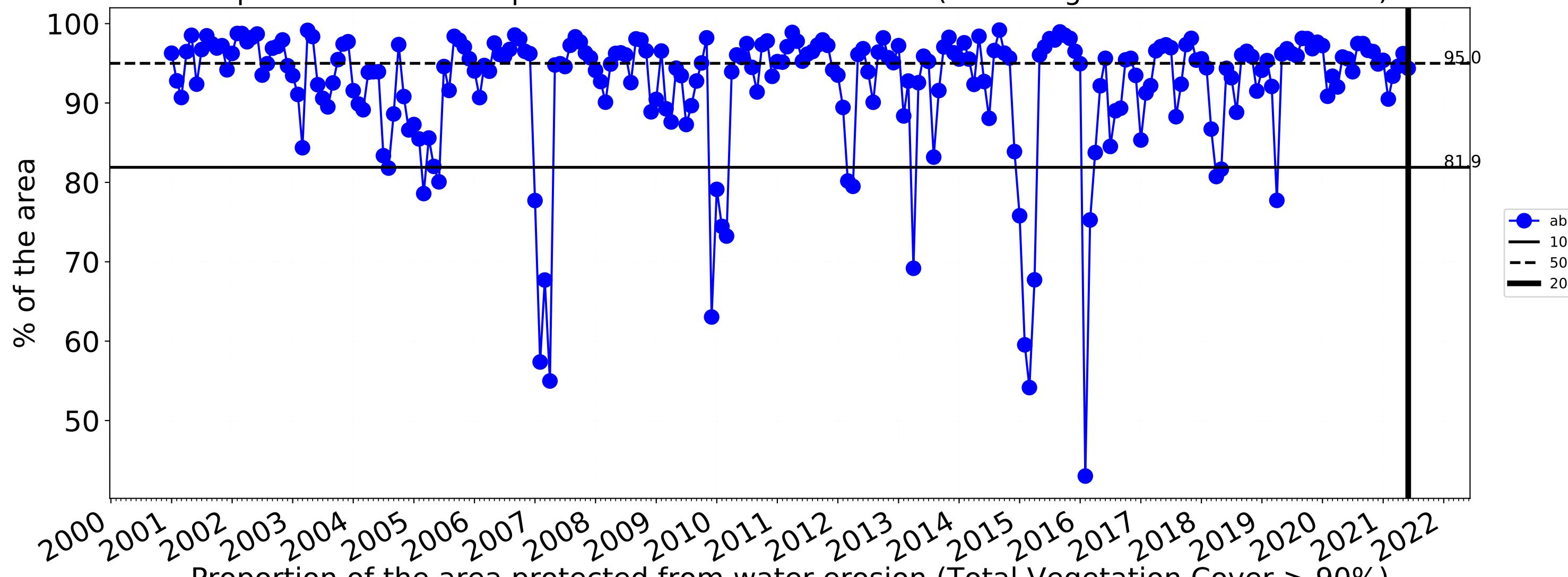
**tern**  
Ecosystem Research Infrastructure



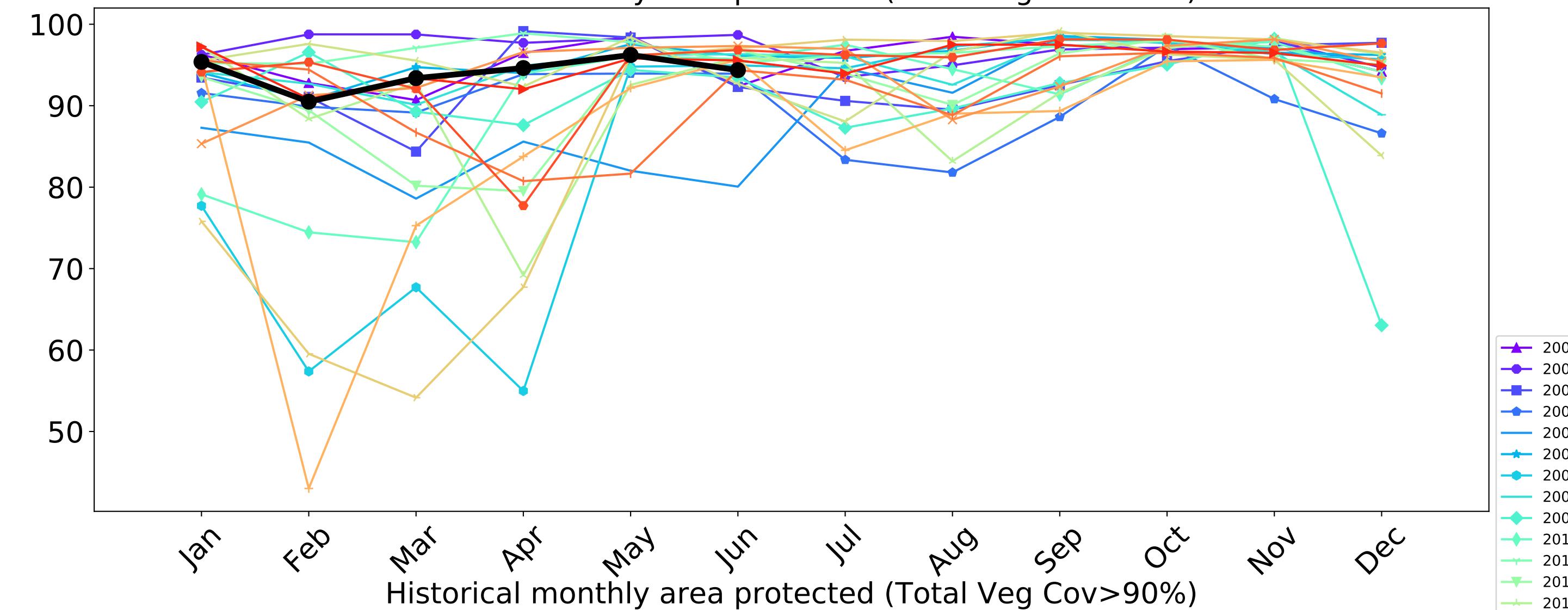
National  
Landcare  
Programme



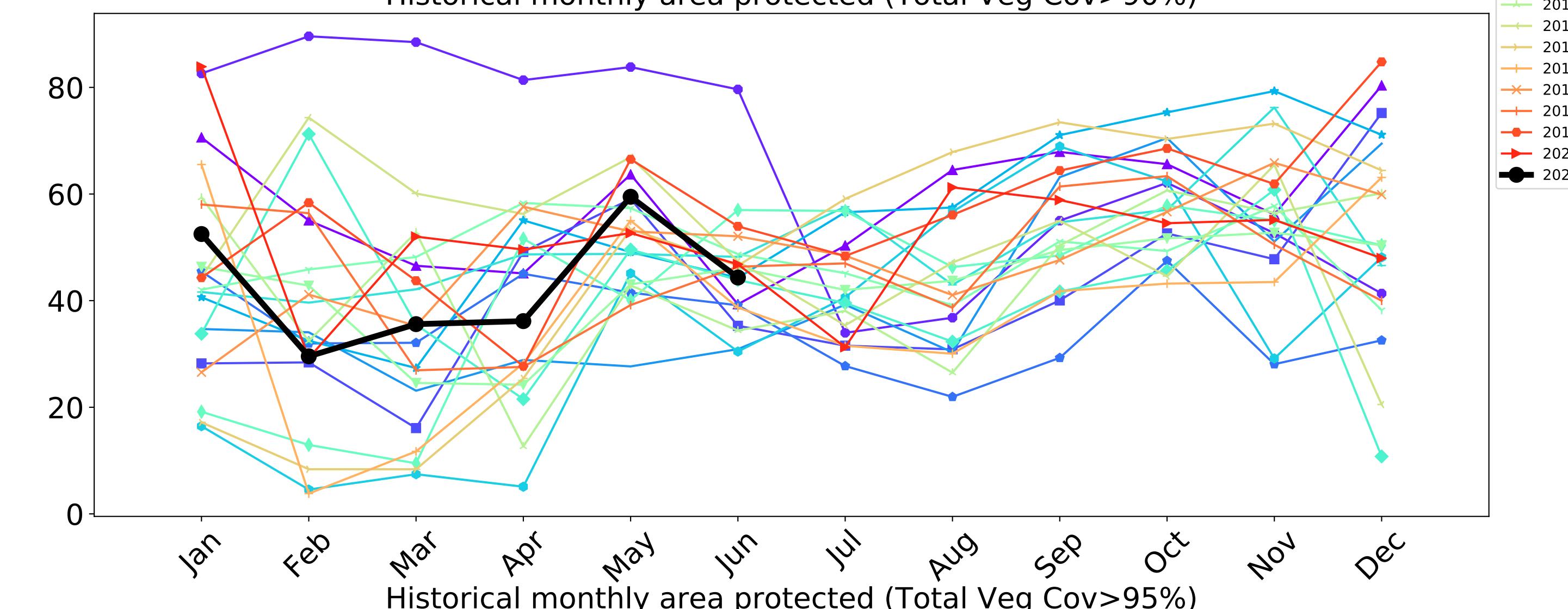
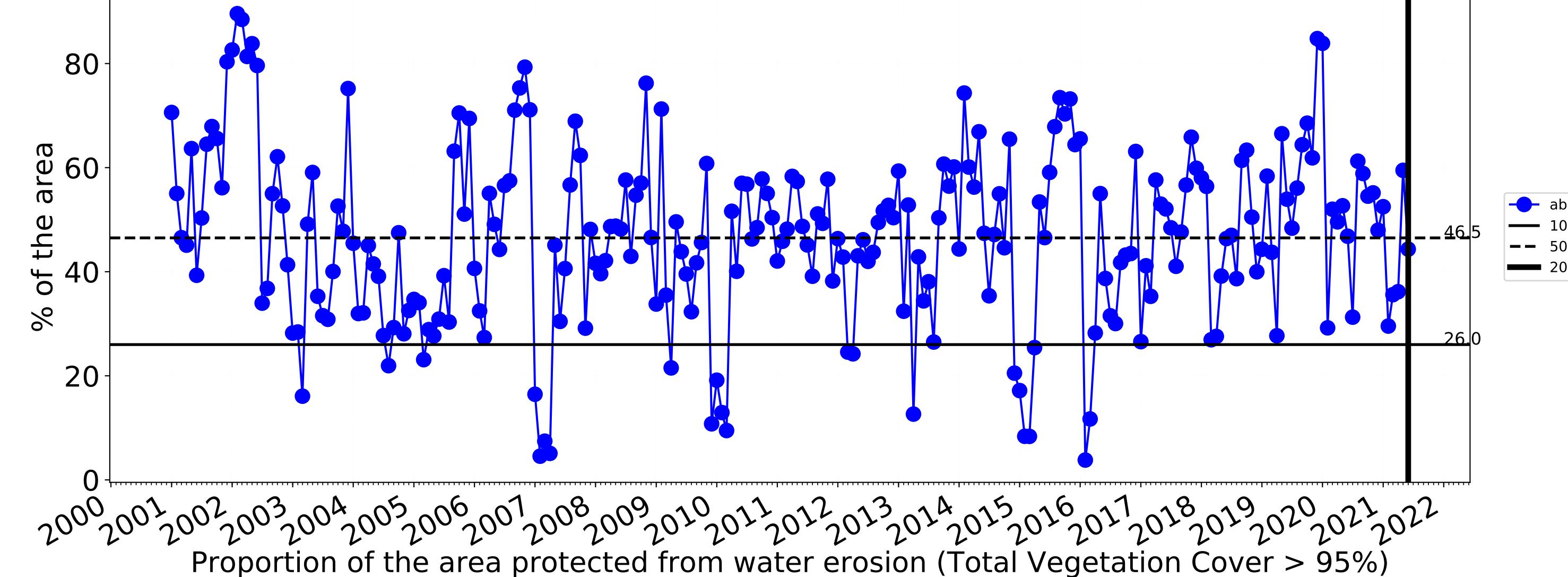
Proportion of the area protected from water erosion (Total Vegetation Cover > 80%)



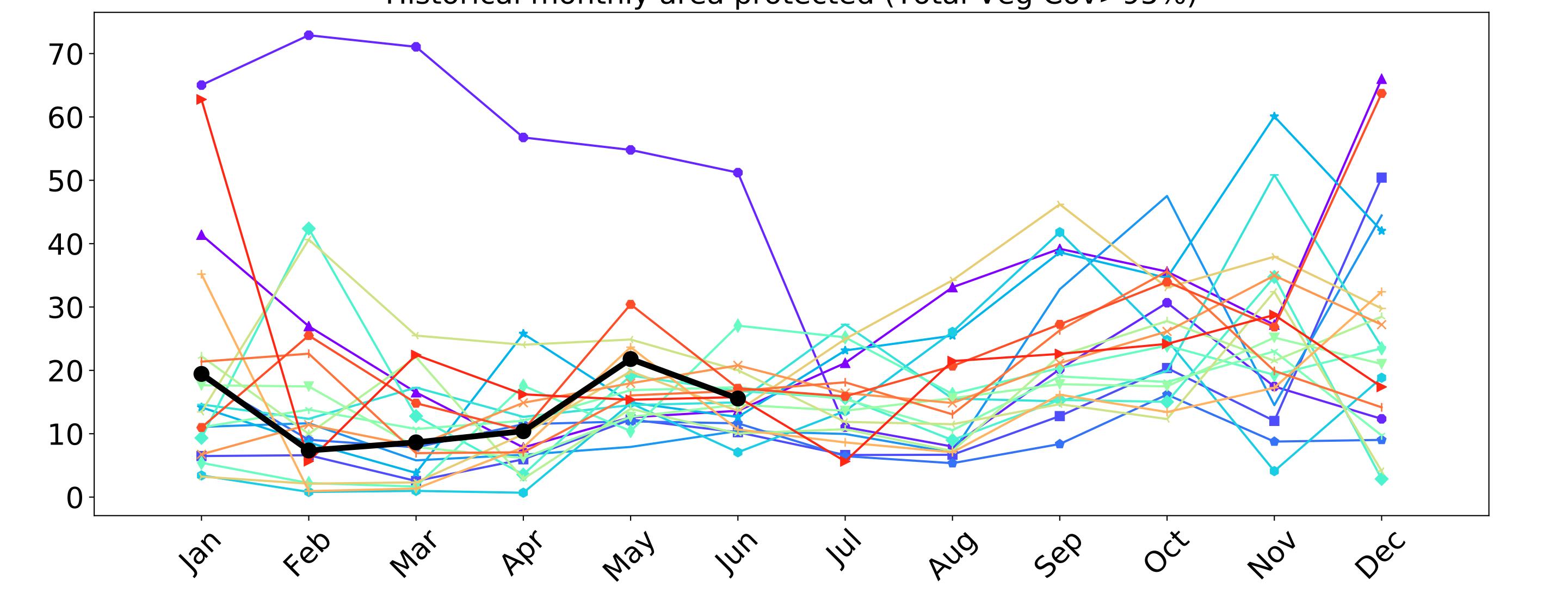
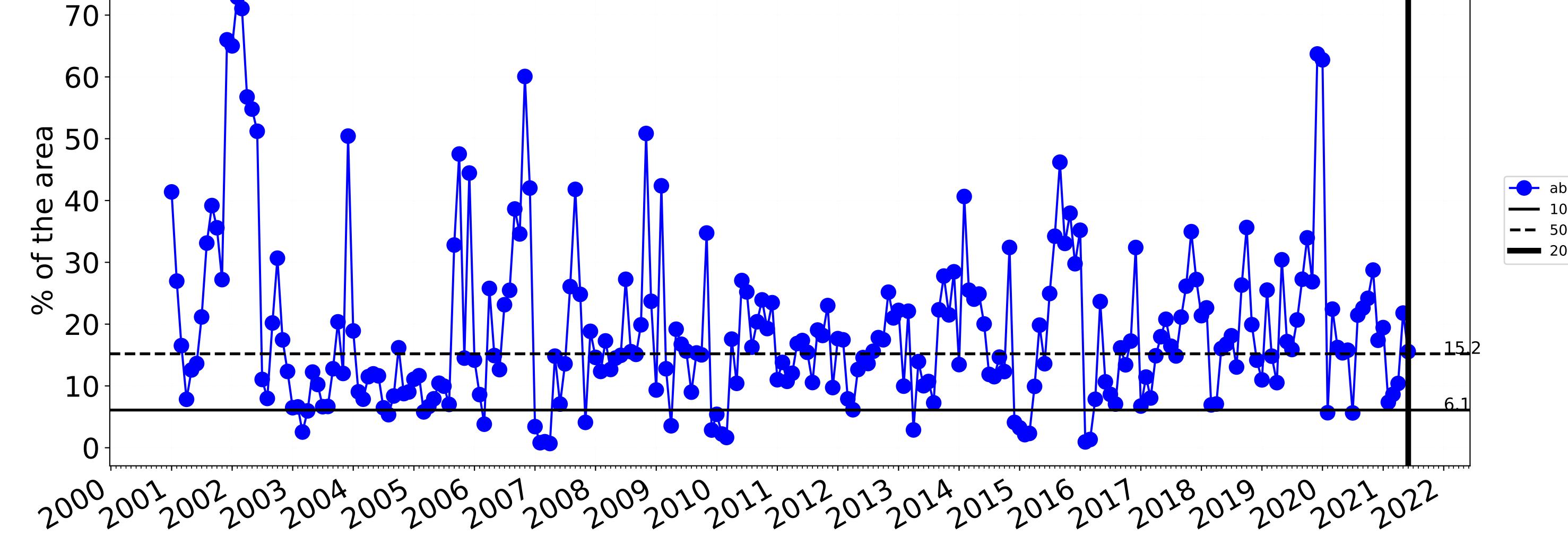
Historical monthly area protected (Total Veg Cov>80%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 90%)



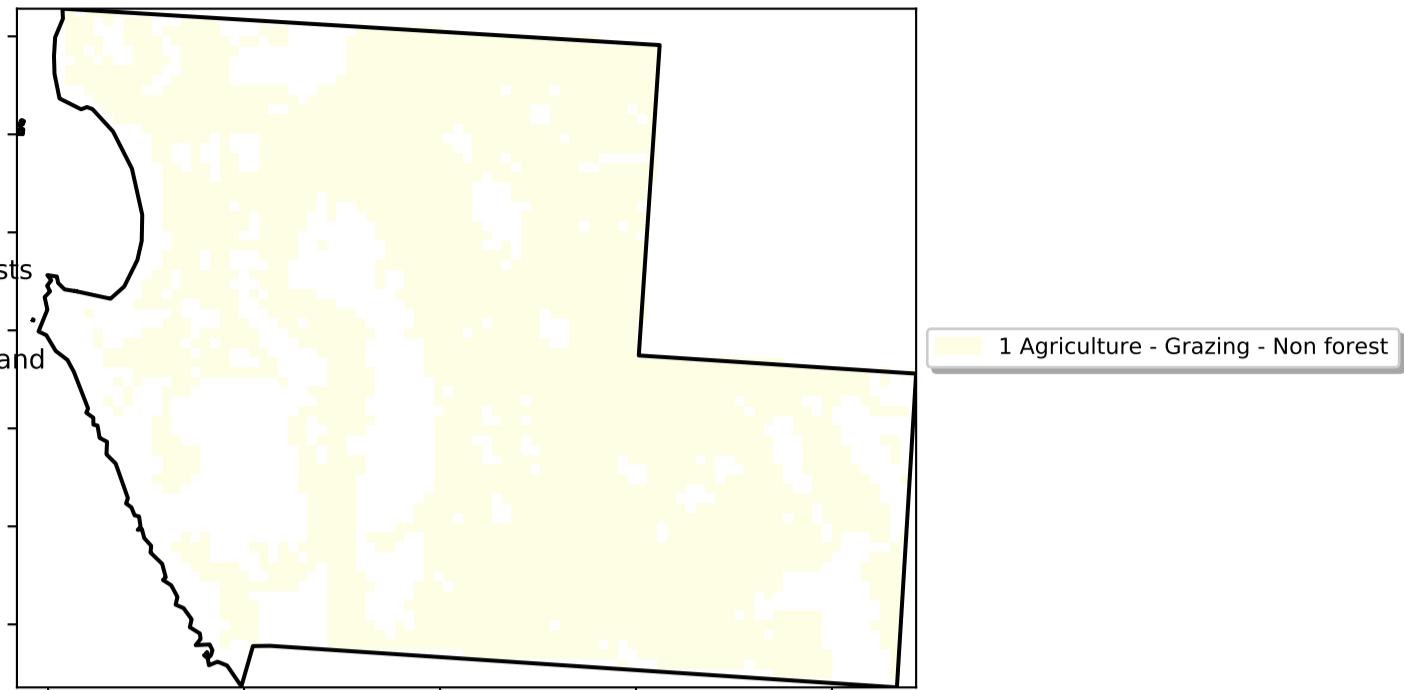
Proportion of the area protected from water erosion (Total Vegetation Cover > 95%)



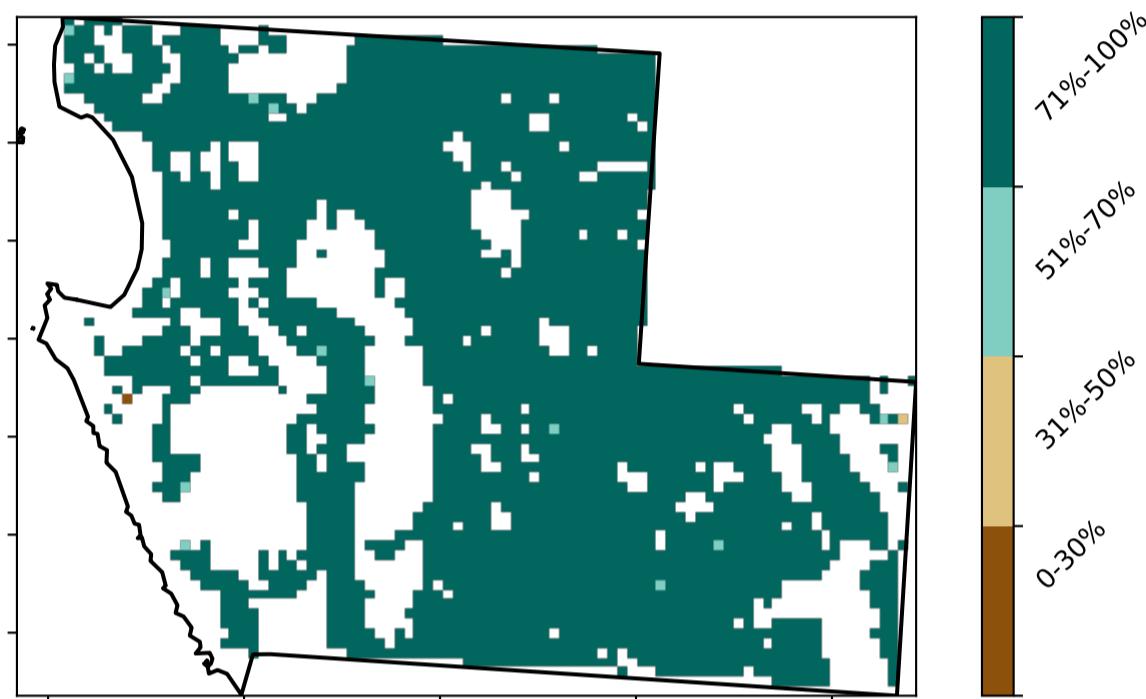
## Grazing non forest

**Land use and forest cover**

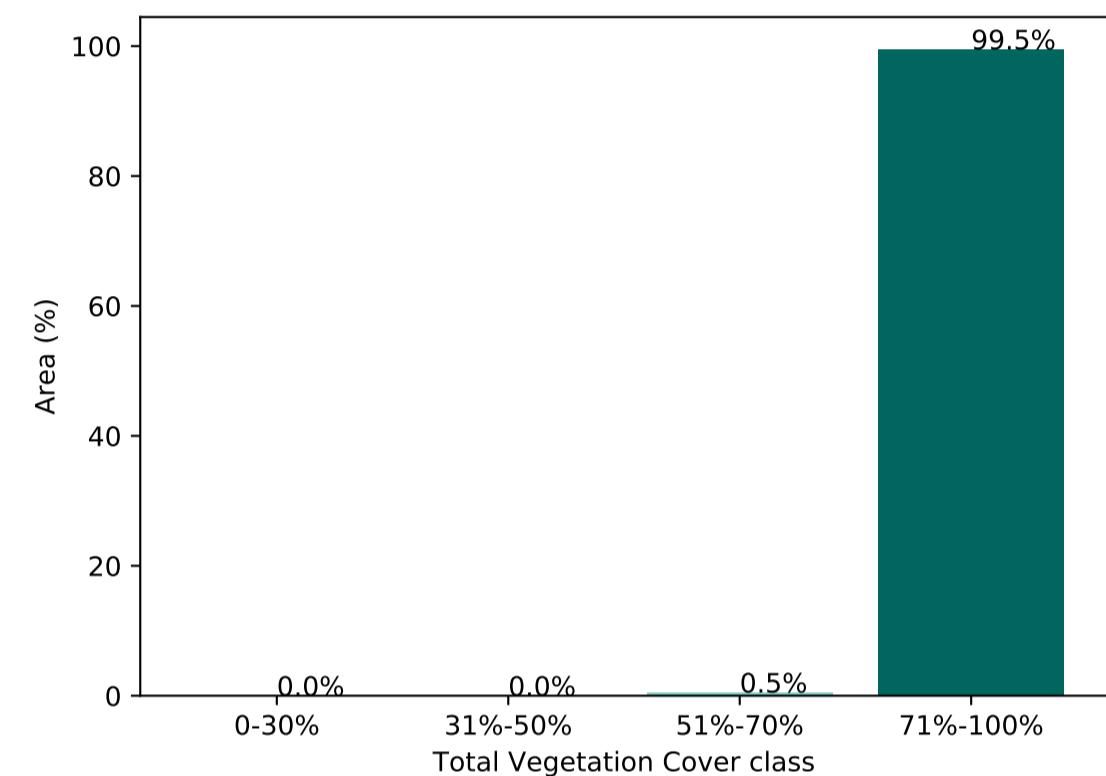
Catchment Scale Land Use and Forests of Australia (2018)  
Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)



**Total Vegetation Cover [%]**



**Proportion of vegetation cover class in area**



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

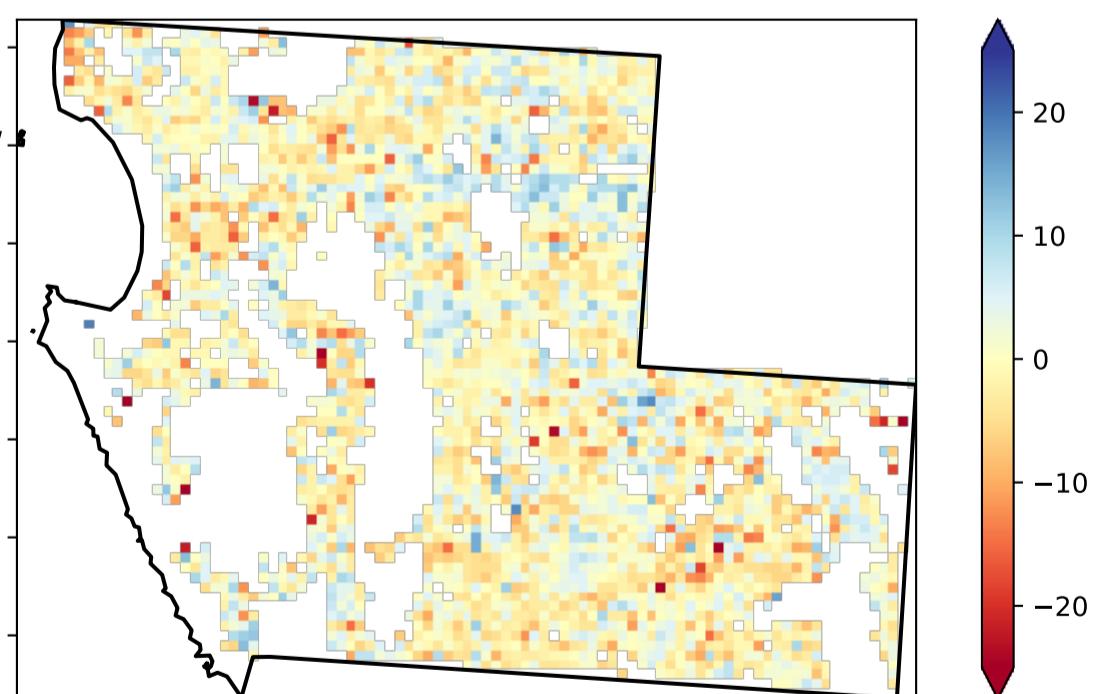


**% Area protected from wind erosion (>50%)**



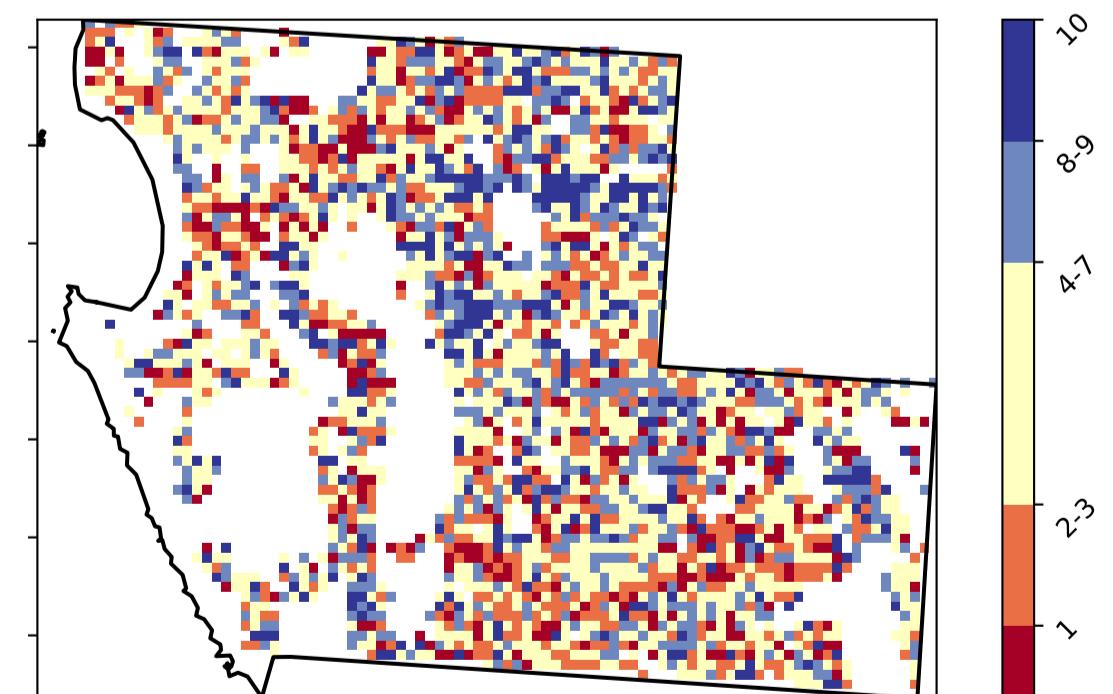
**Total Vegetation Cover Anomaly [%]**

Anomaly shows how many percentage 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.



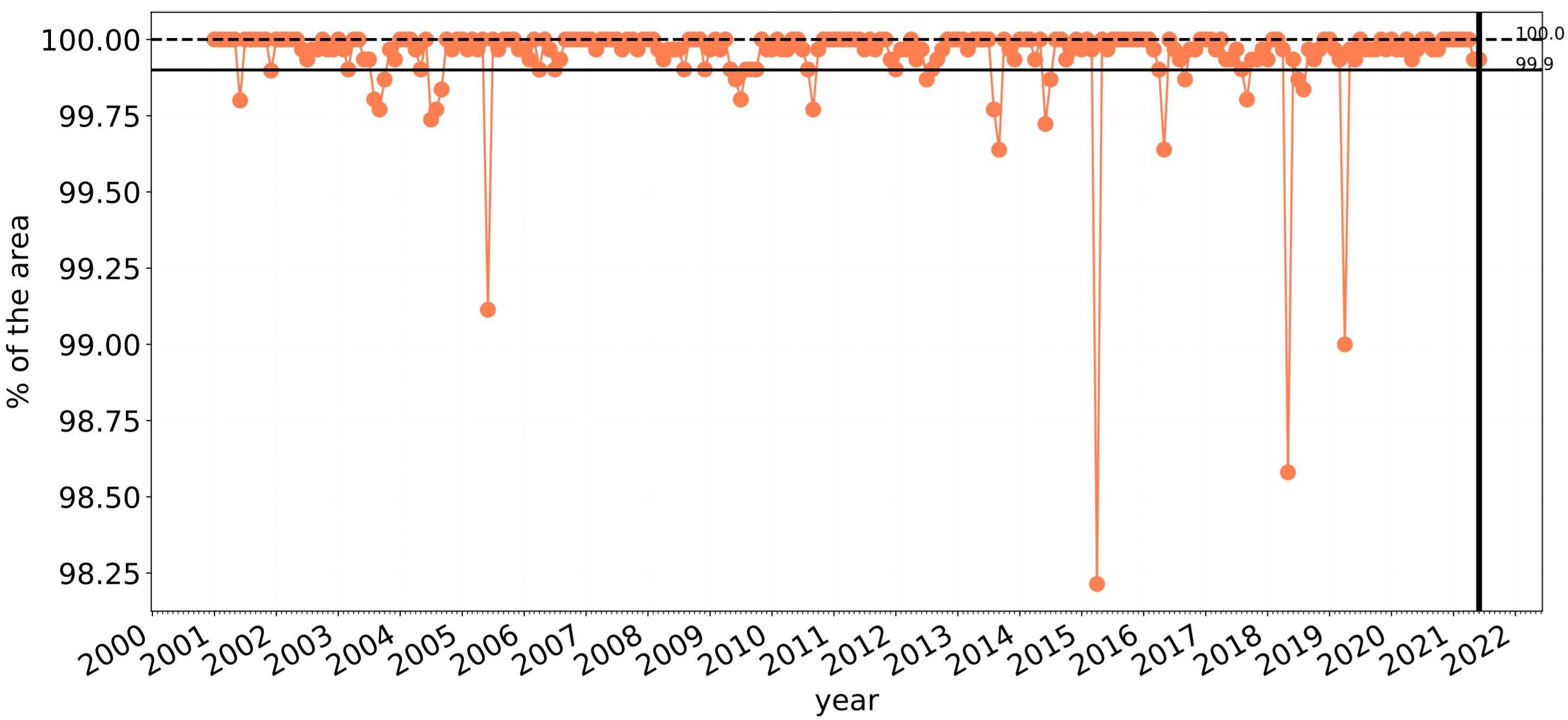
Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

**Total Vegetation Cover Decile [%]**

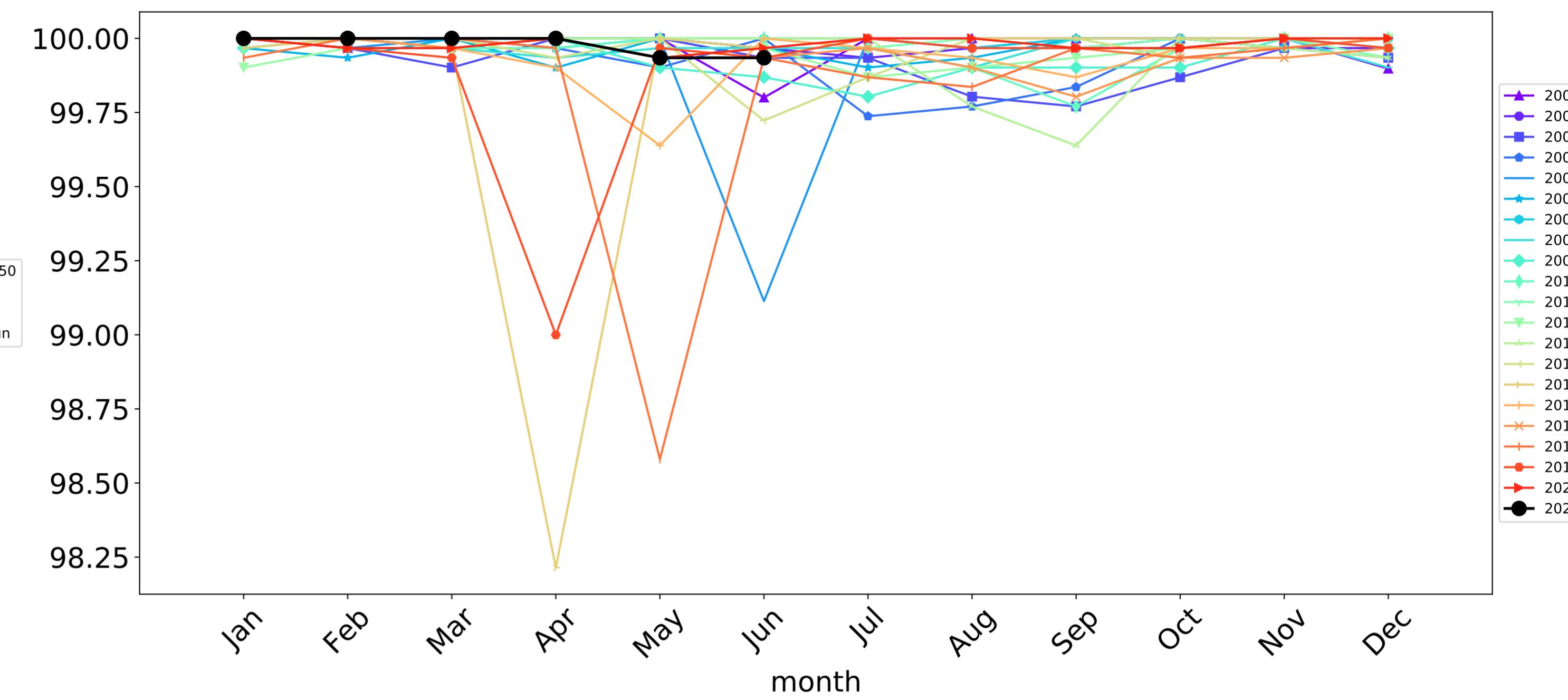


### Grazing non forest timeseries

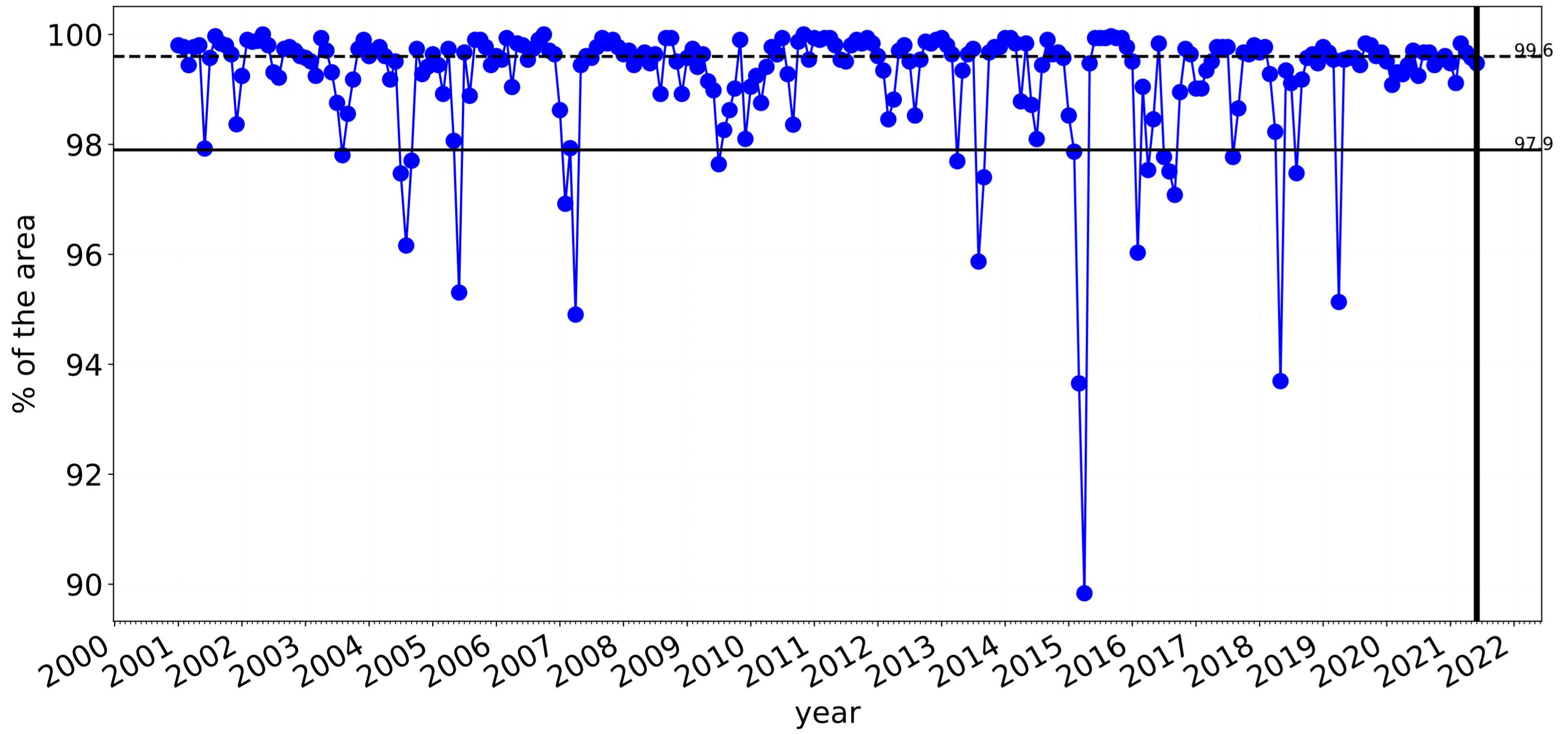
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



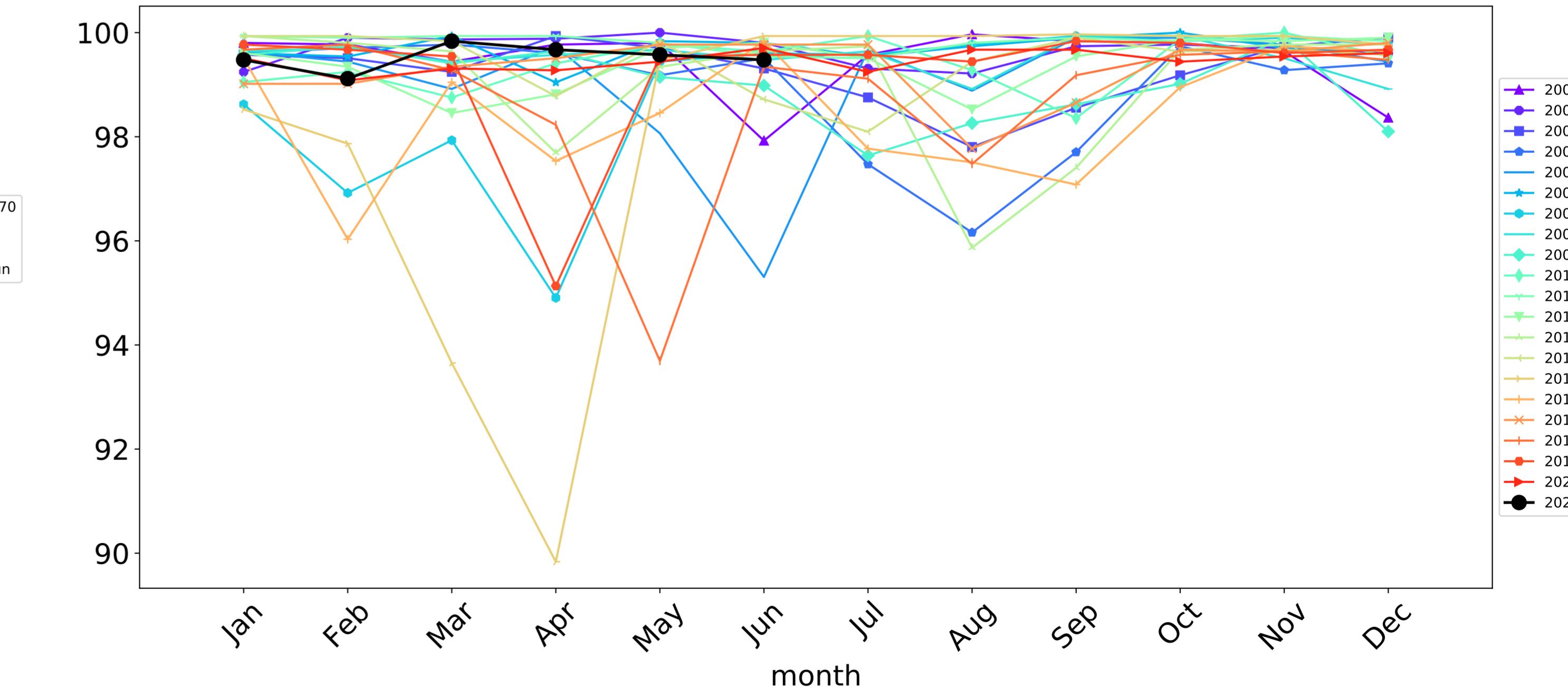
Wind erosion historical monthly area protected (Total Veg Cov >50%)



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



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



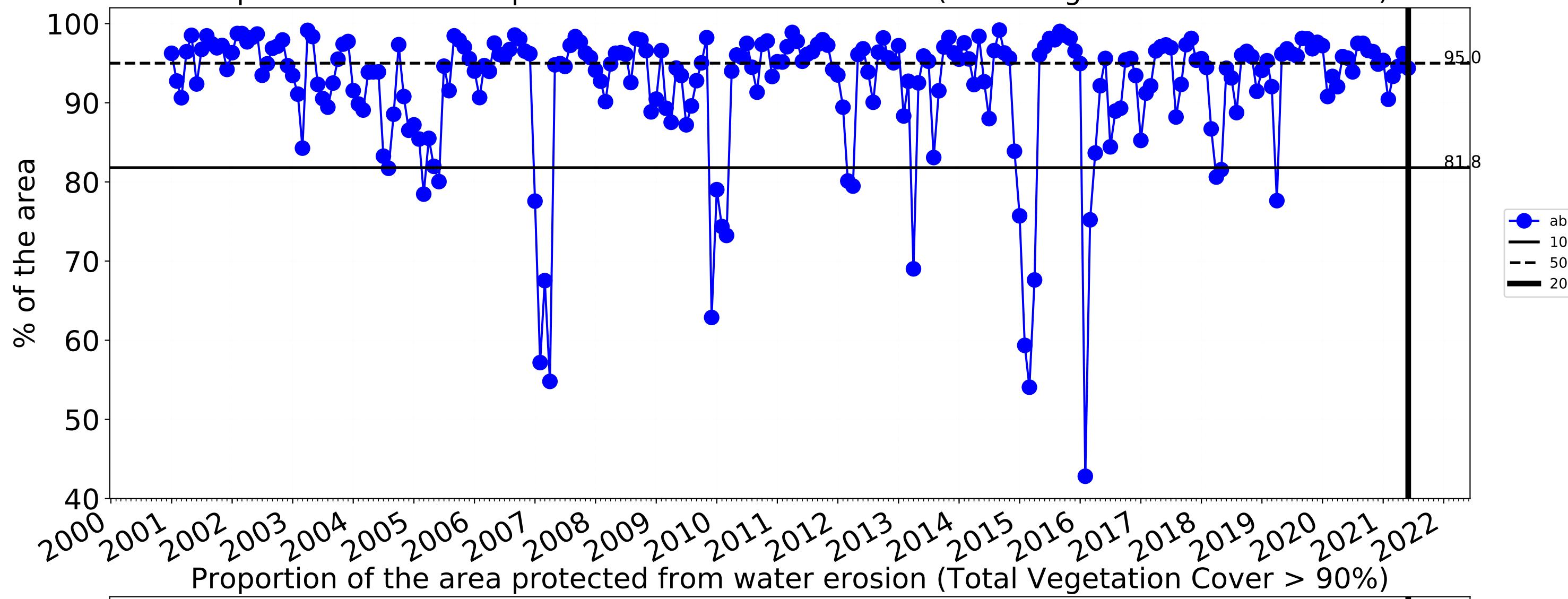
**tern**  
Ecosystem Research Infrastructure



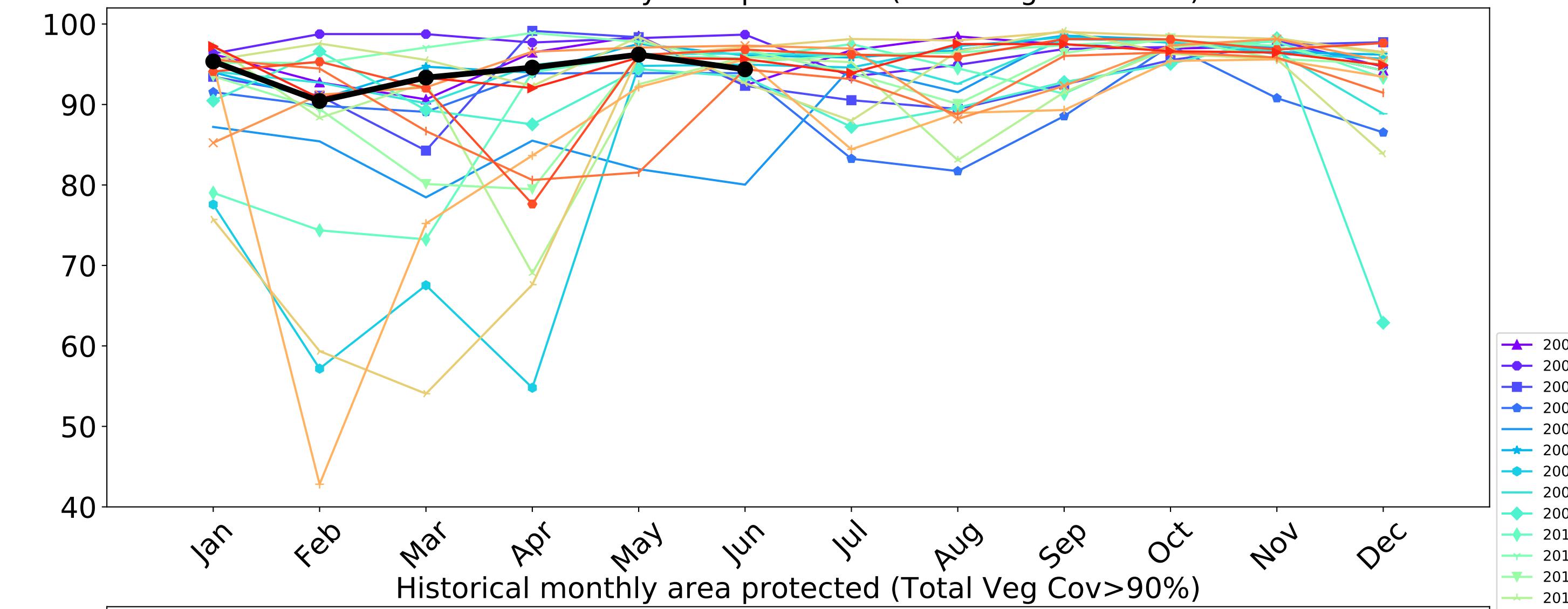
National  
Landcare  
Programme



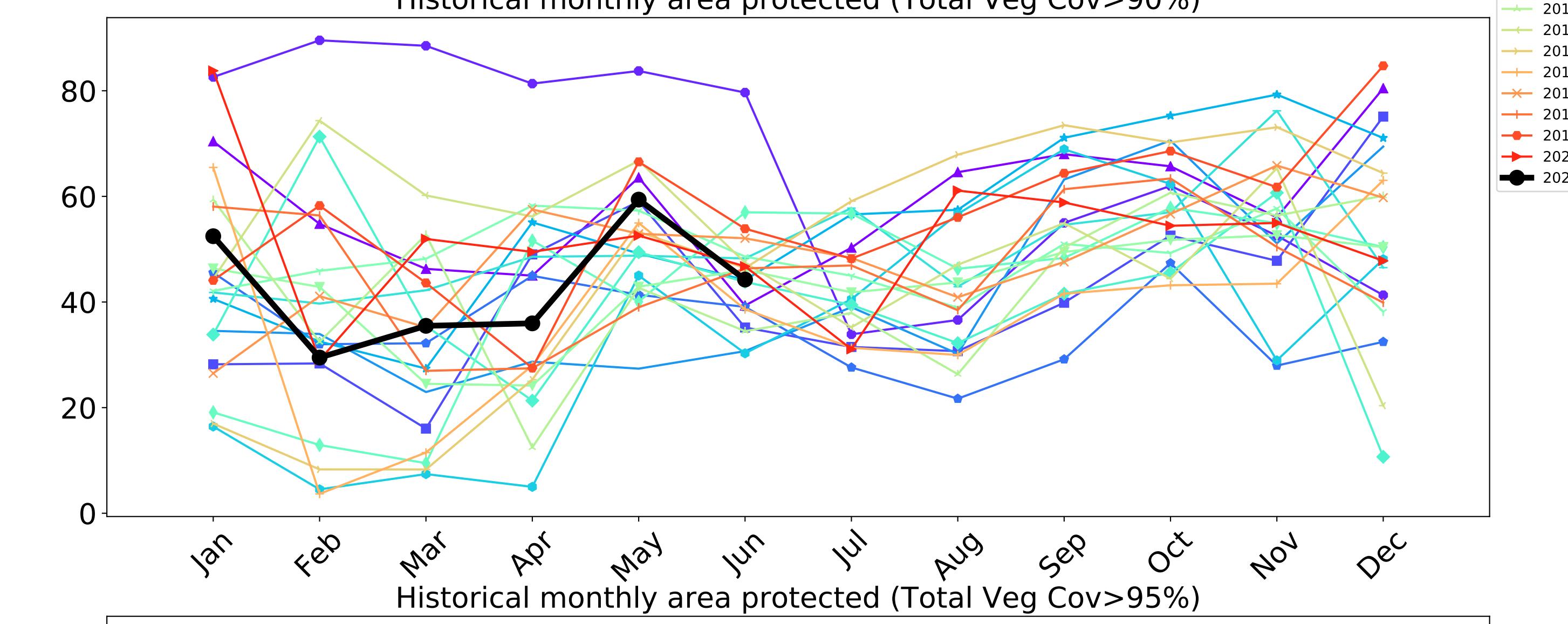
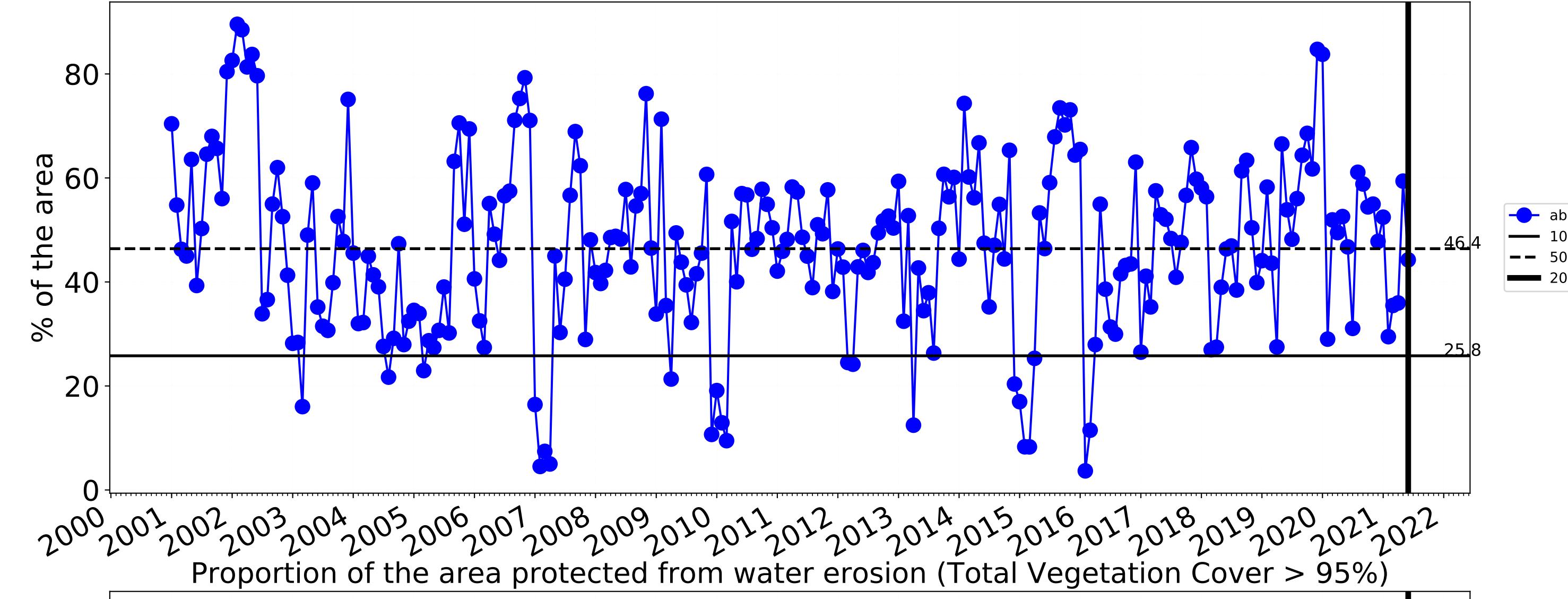
Proportion of the area protected from water erosion (Total Vegetation Cover > 80%)



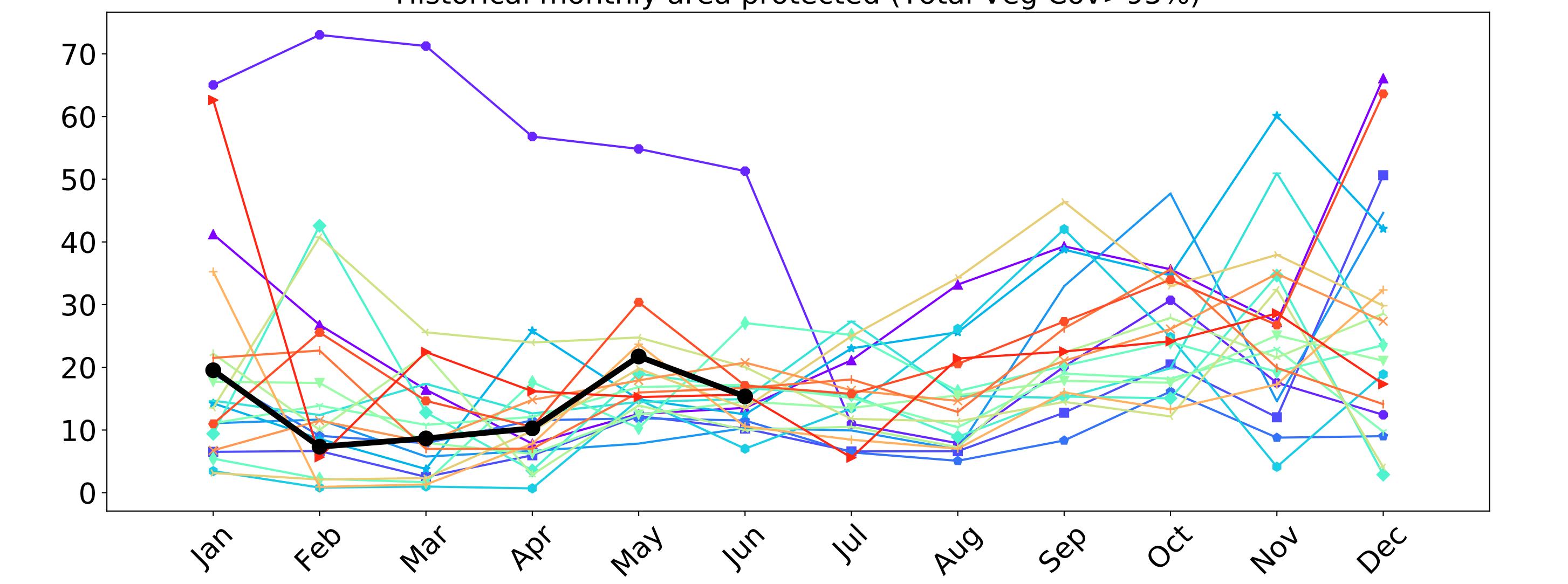
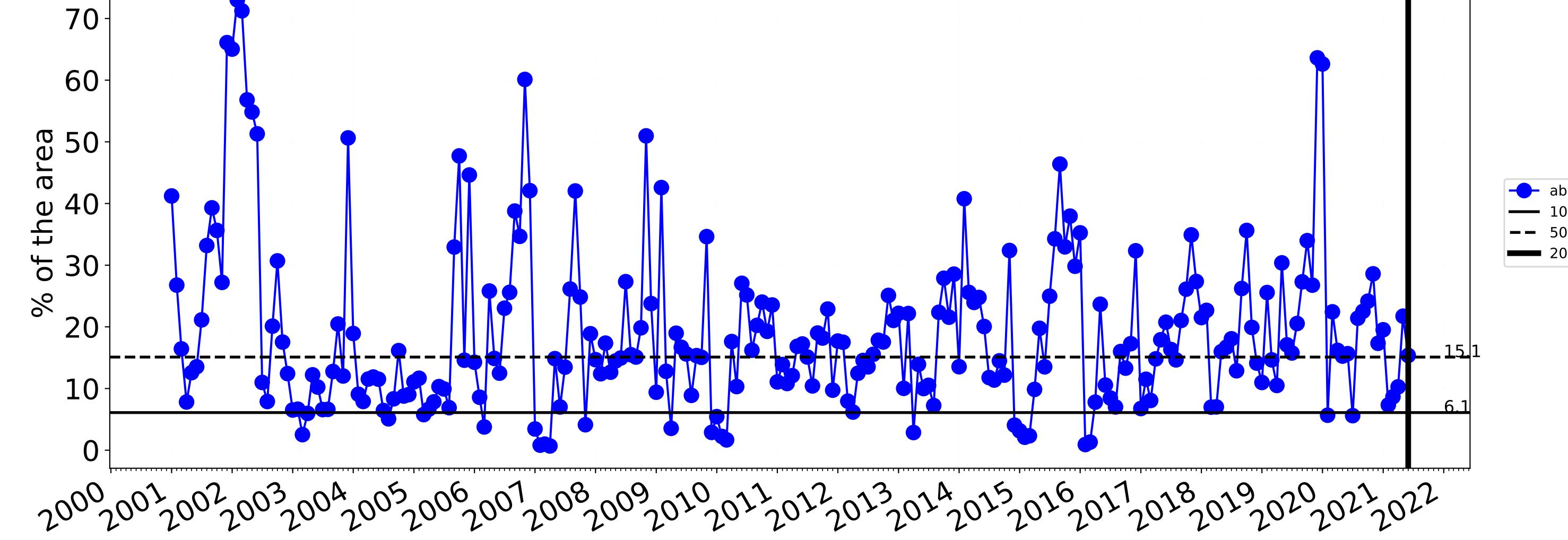
Historical monthly area protected (Total Veg Cov>80%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 90%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 95%)



# Cropping

**Land use and forest cover**

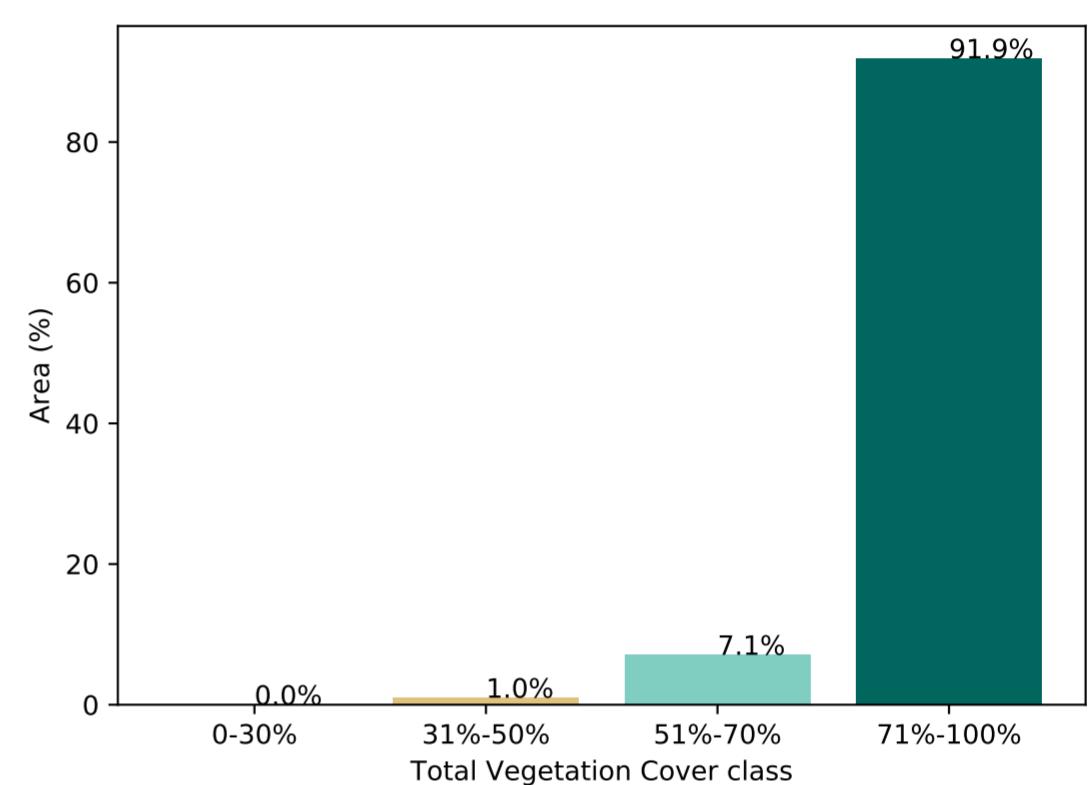
Catchment Scale Land Use and Forests of Australia (2018)  
Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)



**Total Vegetation Cover [%]**



**Proportion of vegetation cover class in area**



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



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



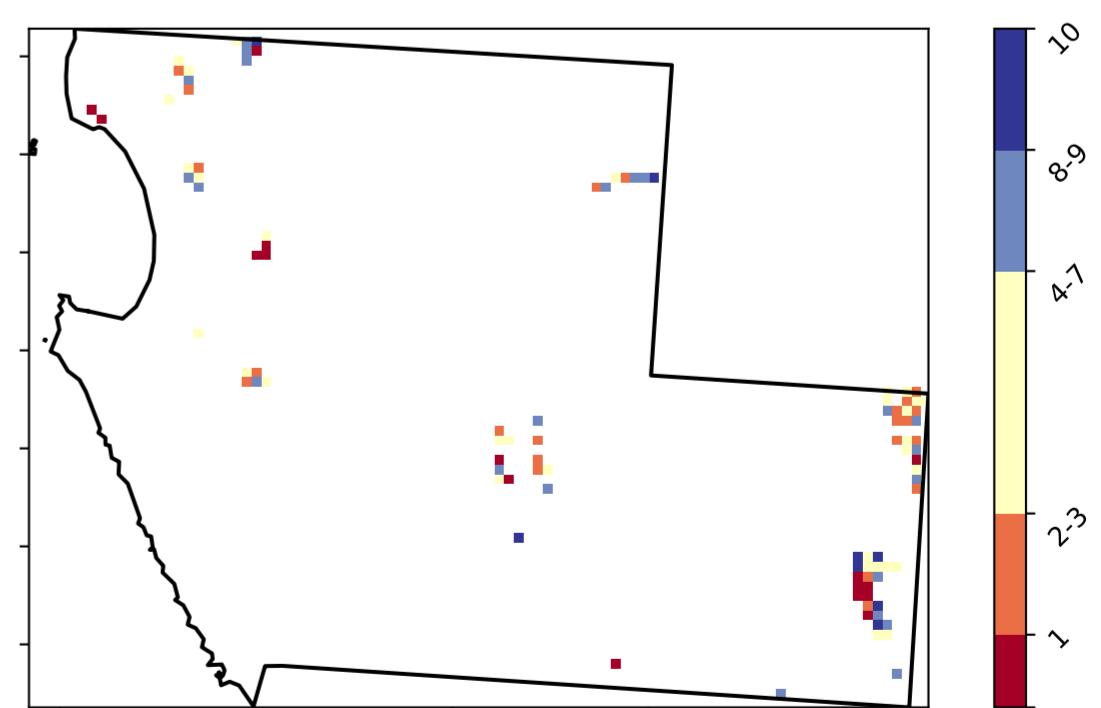
**Total Vegetation Cover Anomaly [%]**

Anomaly shows how many percentage 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.



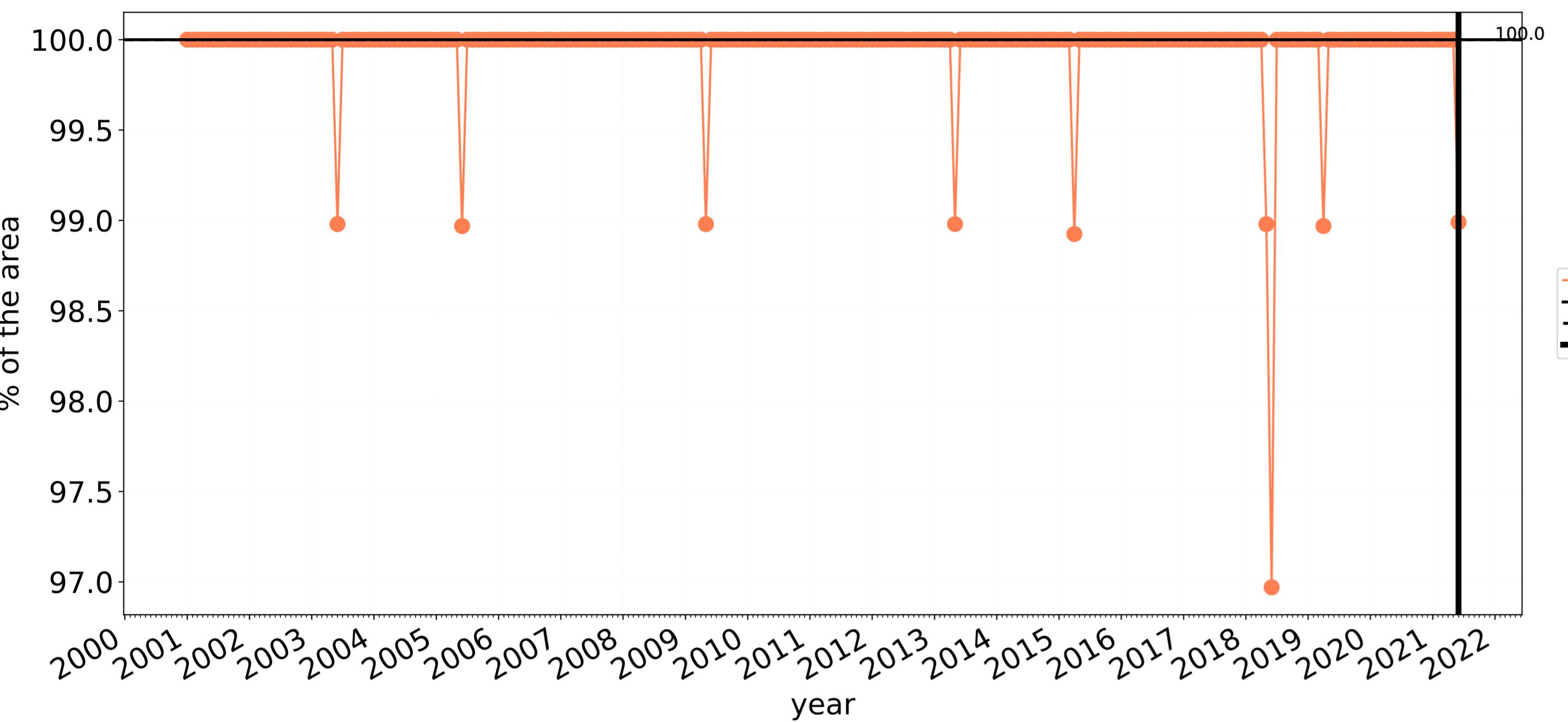
Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

**Total Vegetation Cover Decile [%]**

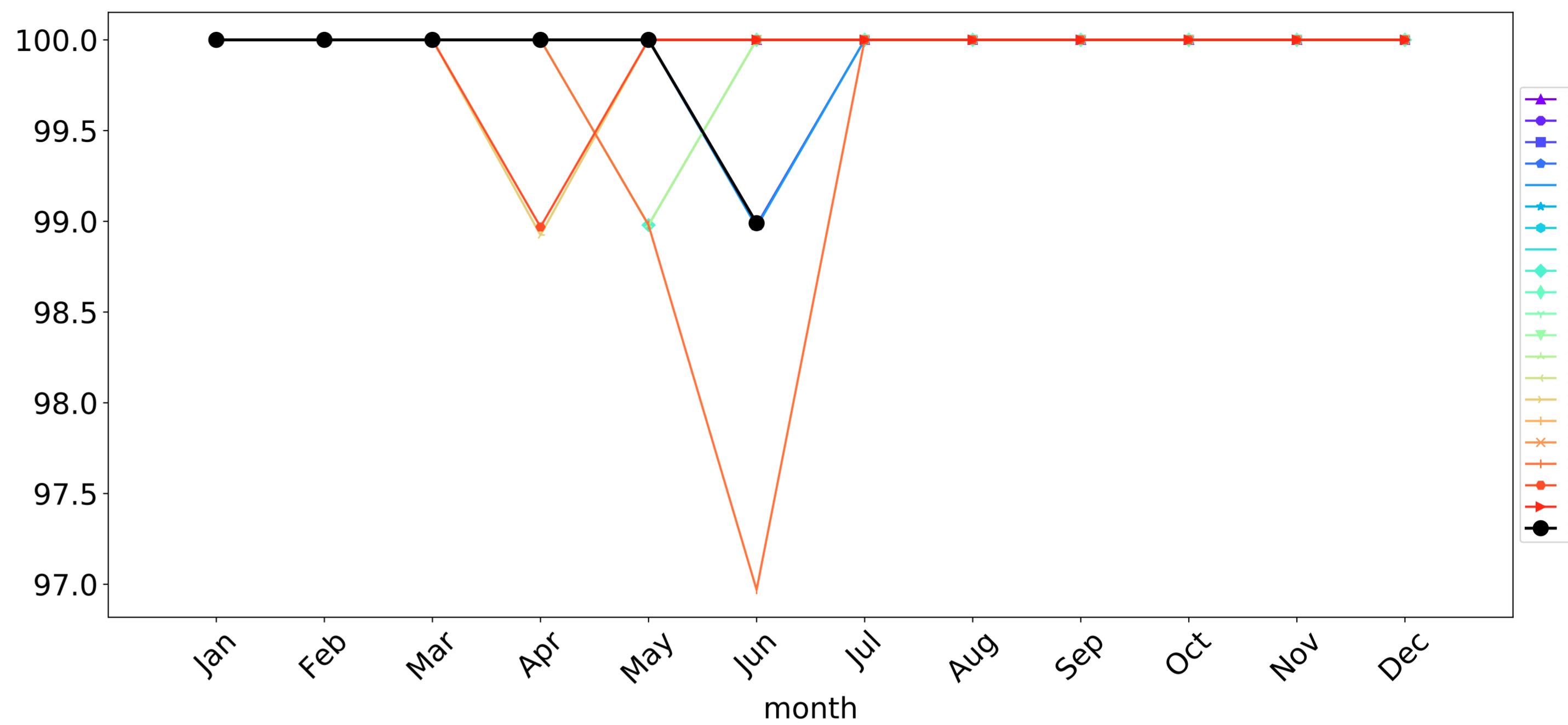


### Cropping timeseries

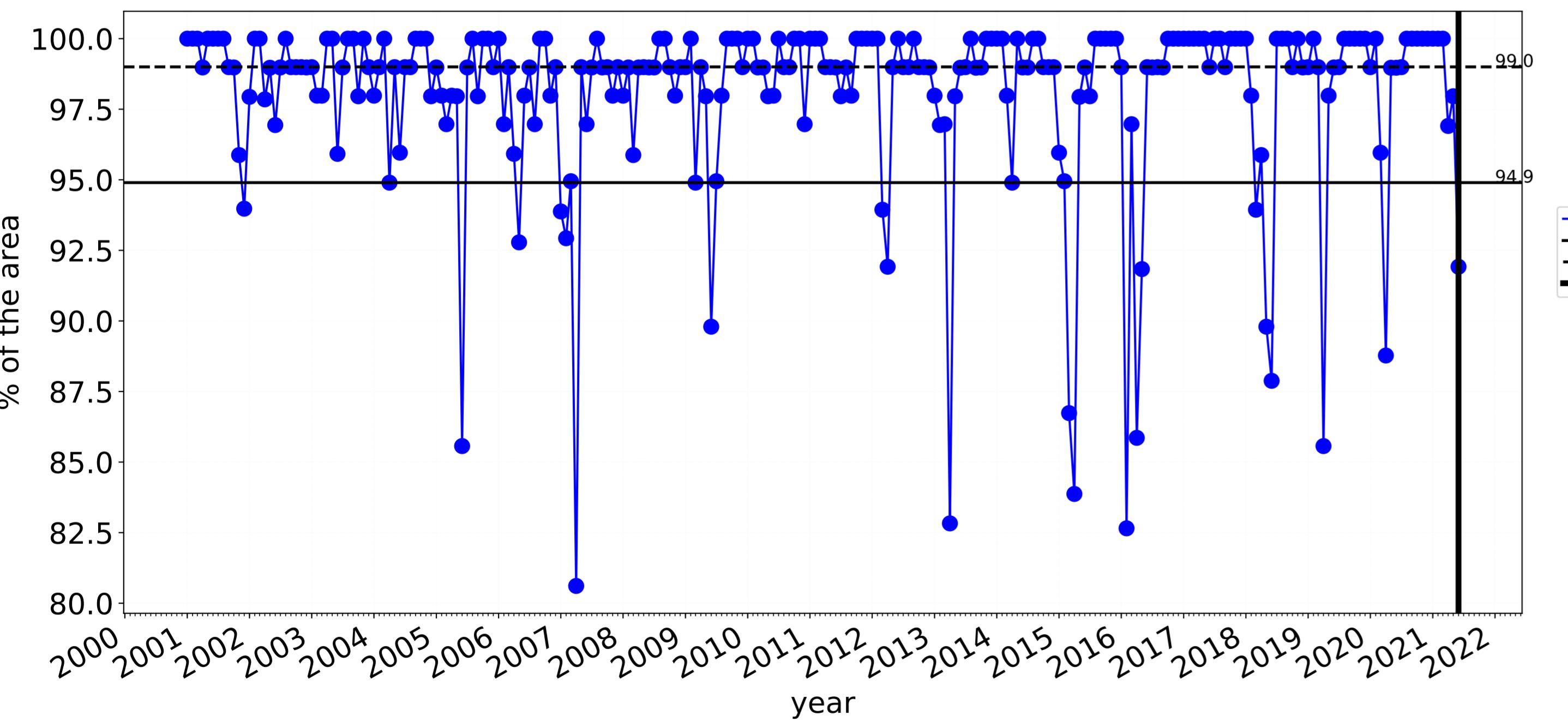
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



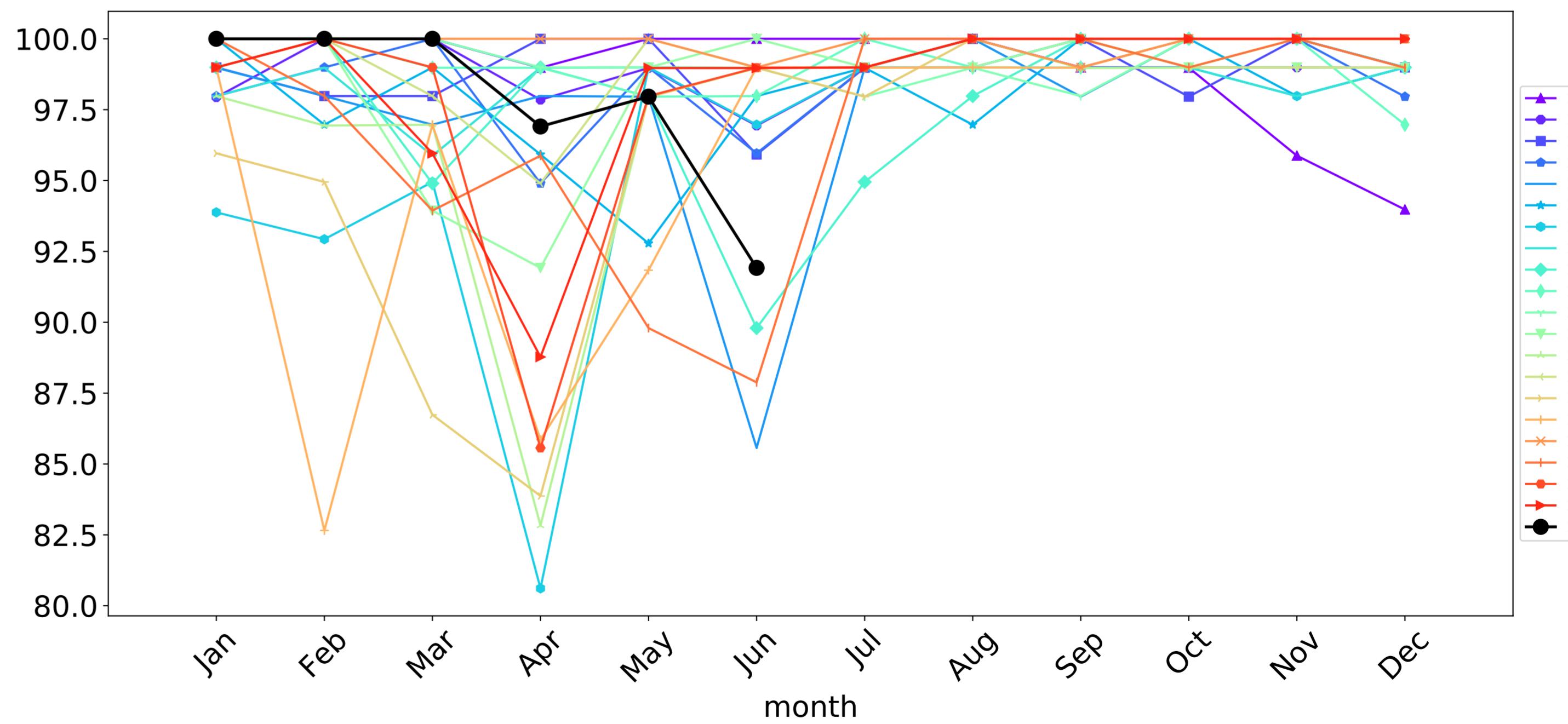
Wind erosion historical monthly area protected (Total Veg Cov >50%)



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



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



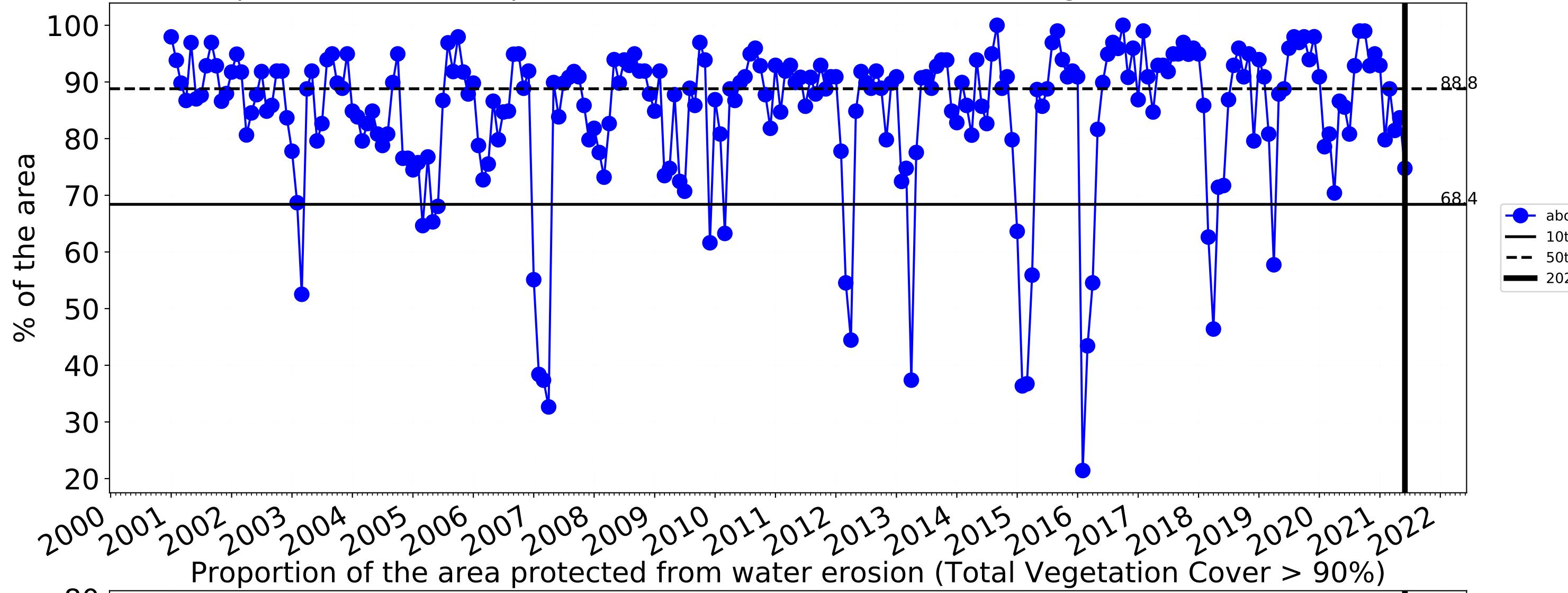
**tern**  
Ecosystem Research Infrastructure



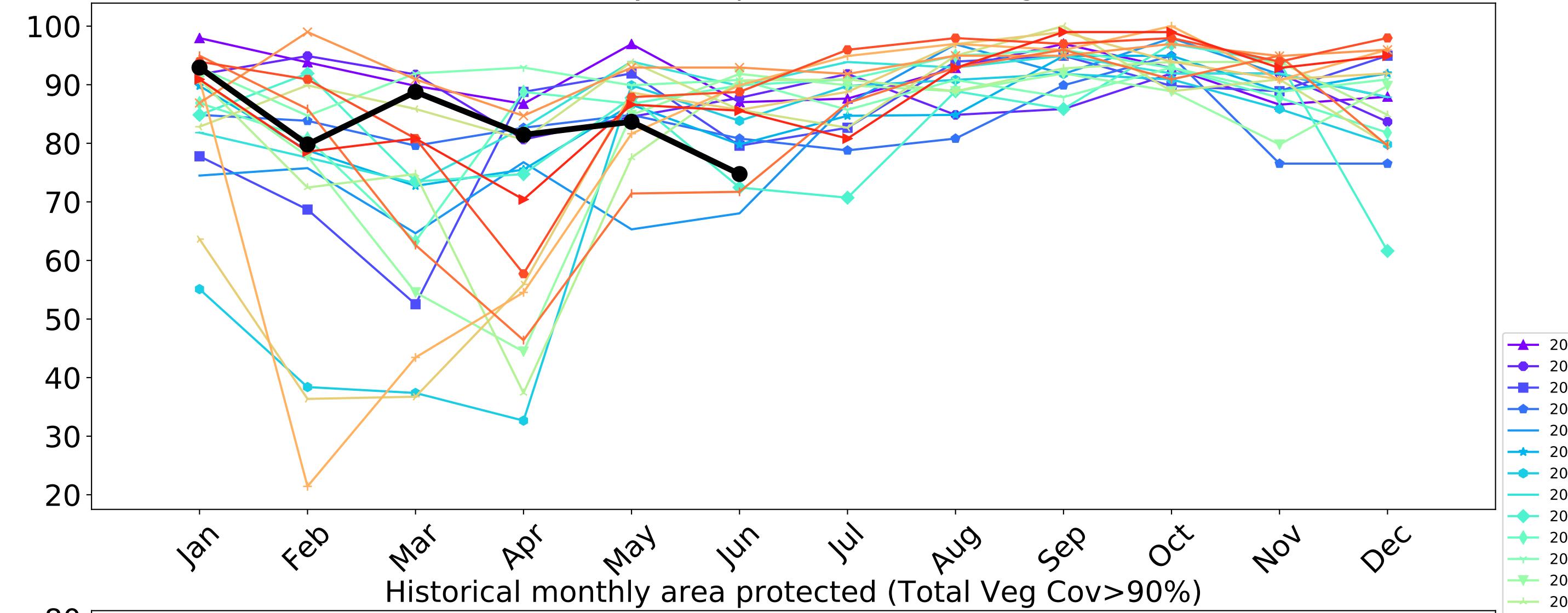
National  
Landcare  
Programme



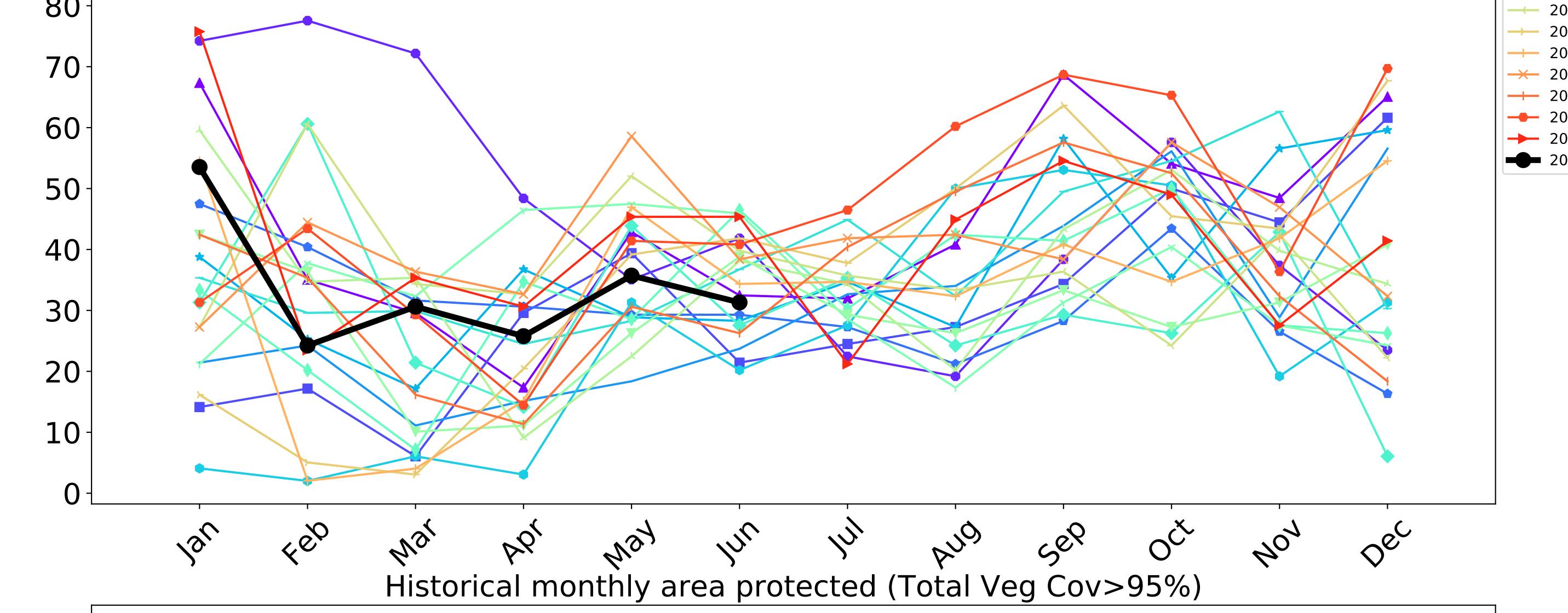
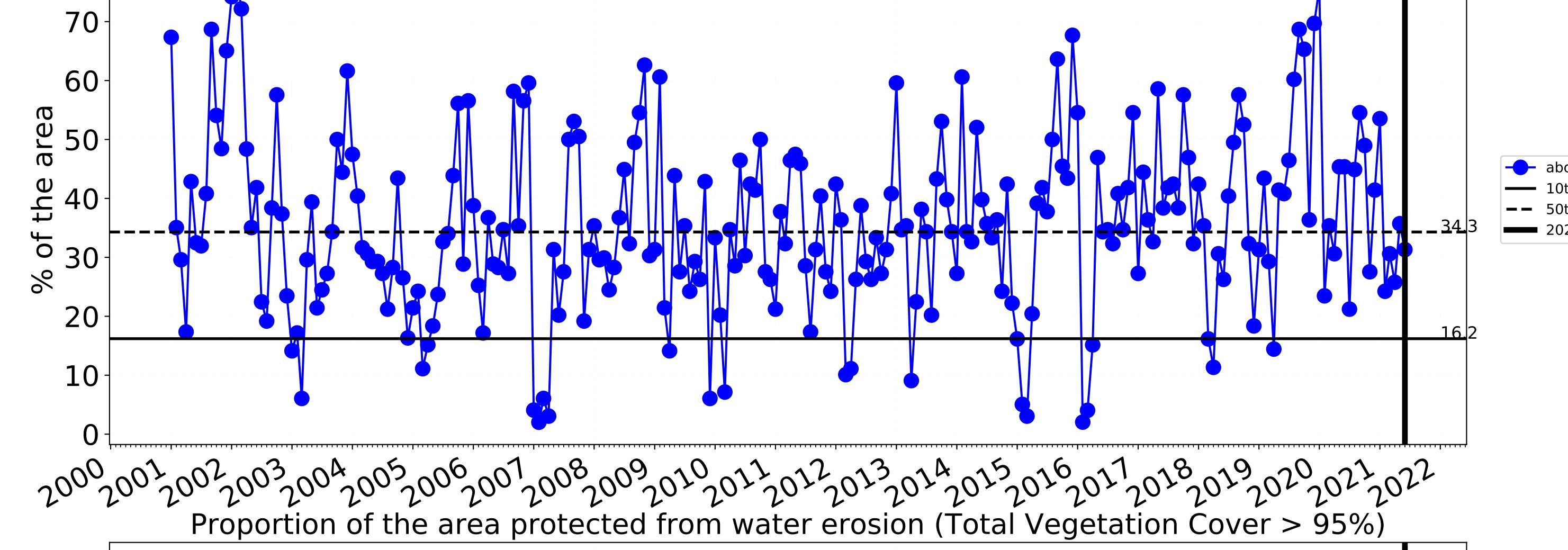
Proportion of the area protected from water erosion (Total Vegetation Cover > 80%)



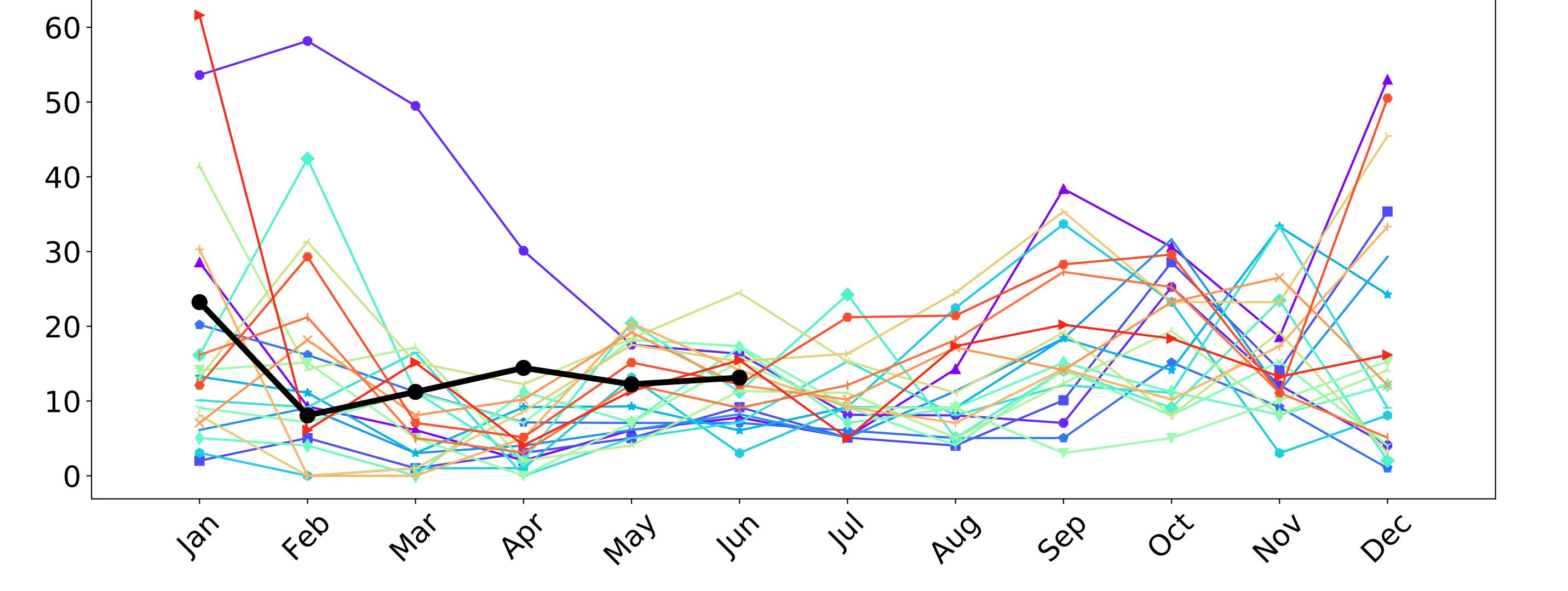
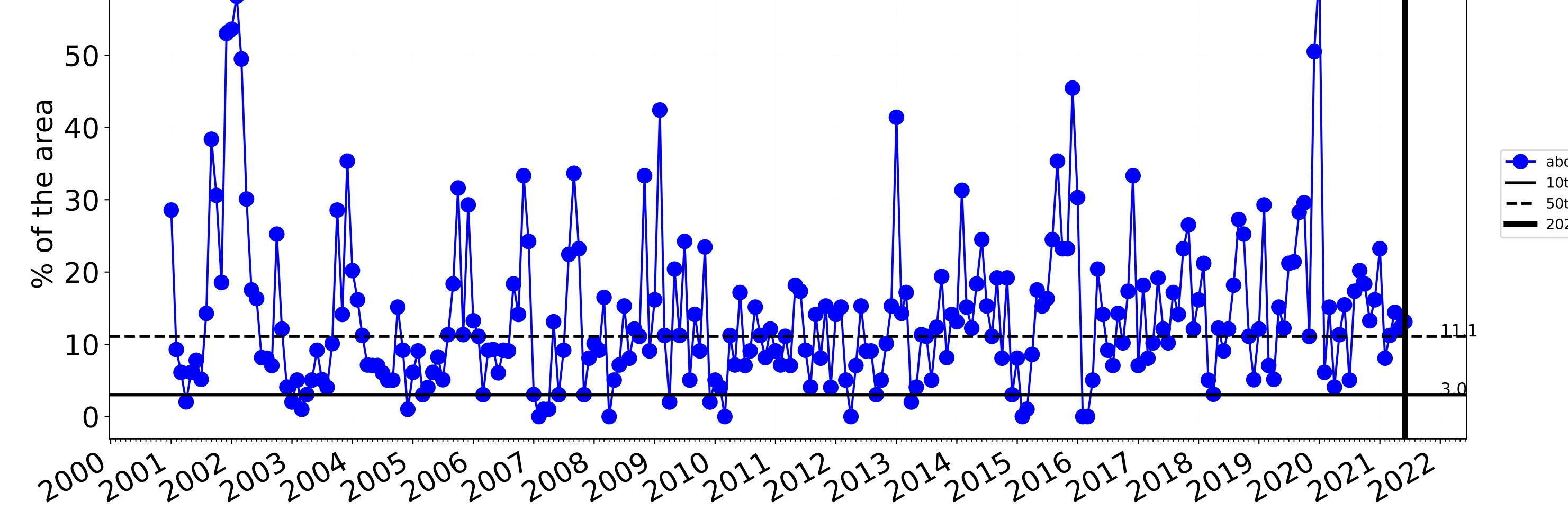
Historical monthly area protected (Total Veg Cov>80%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 90%)



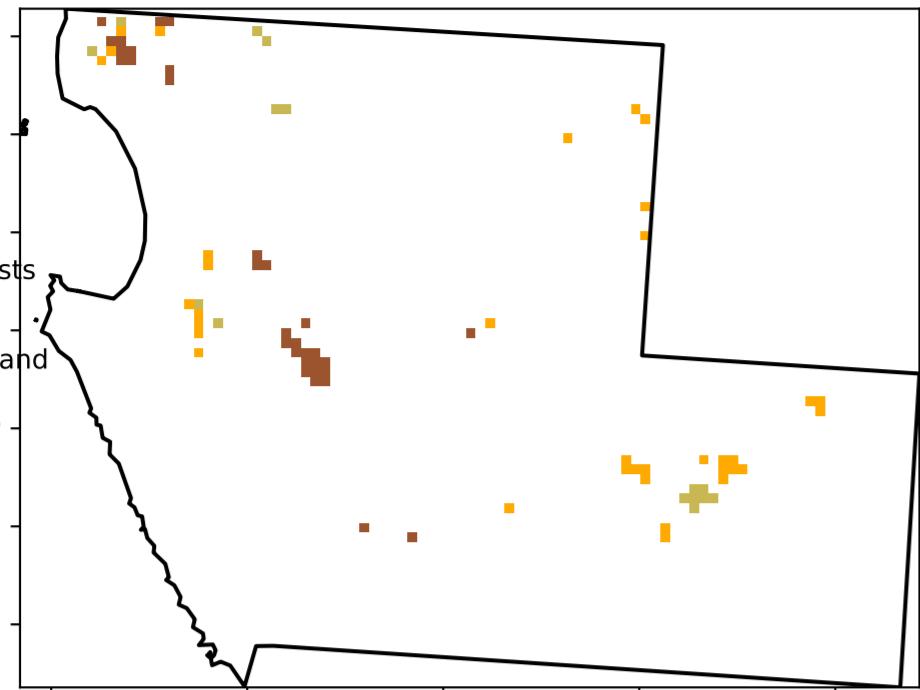
Proportion of the area protected from water erosion (Total Vegetation Cover > 95%)



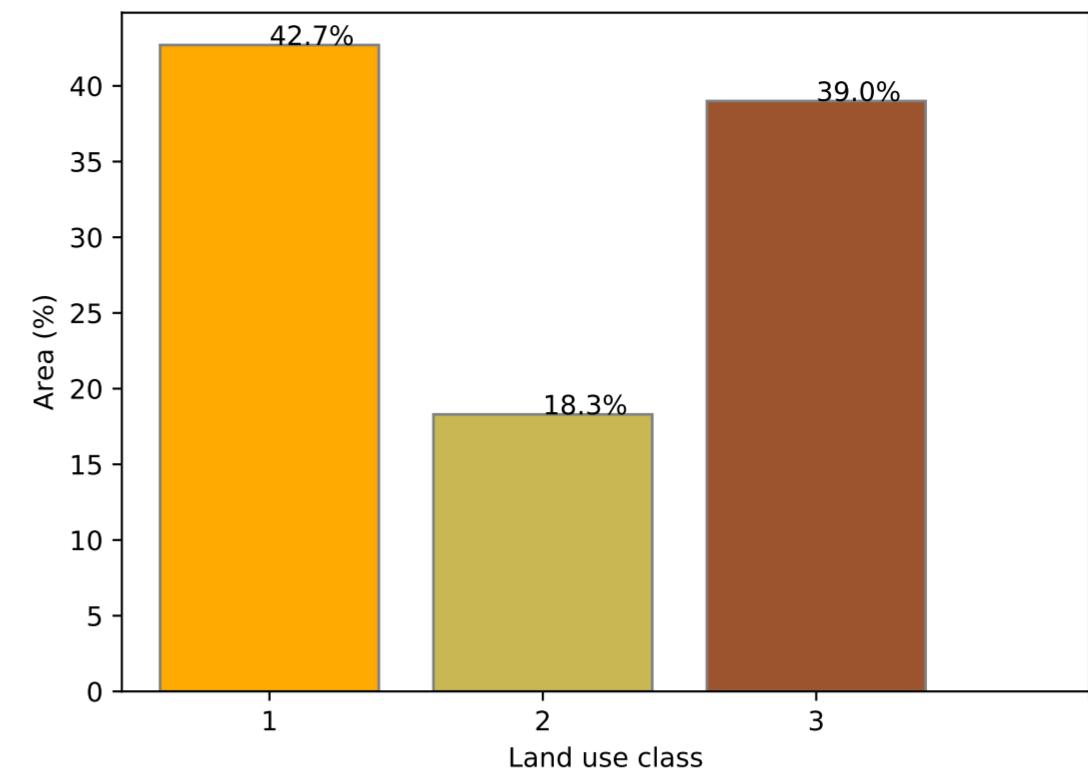
# Irrigation

**Land use and forest cover**

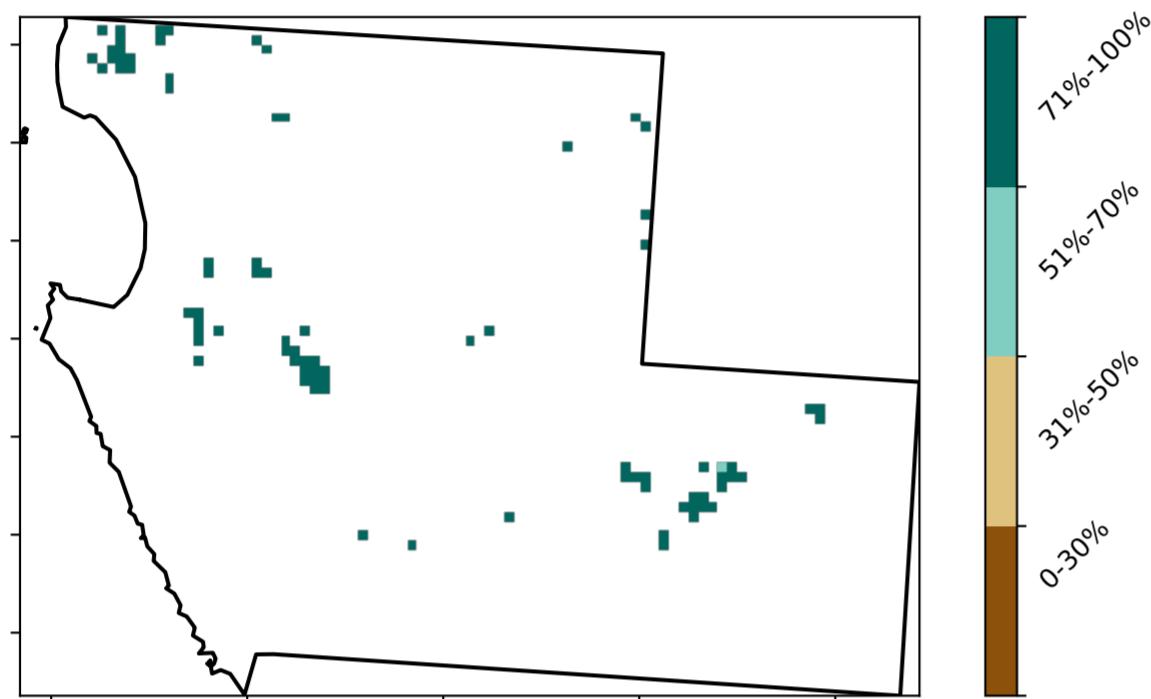
Catchment Scale Land Use and Forests of Australia (2018)  
Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)



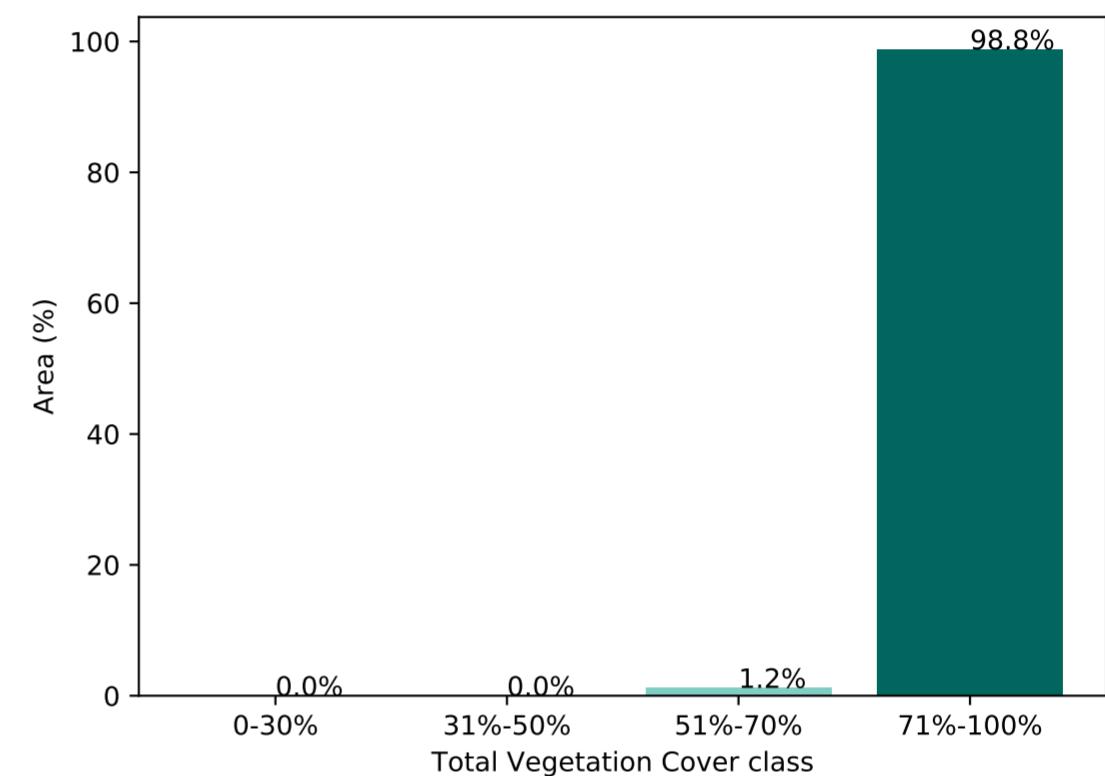
**Proportion of each land class in area**



**Total Vegetation Cover [%]**



**Proportion of vegetation cover class in area**



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



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



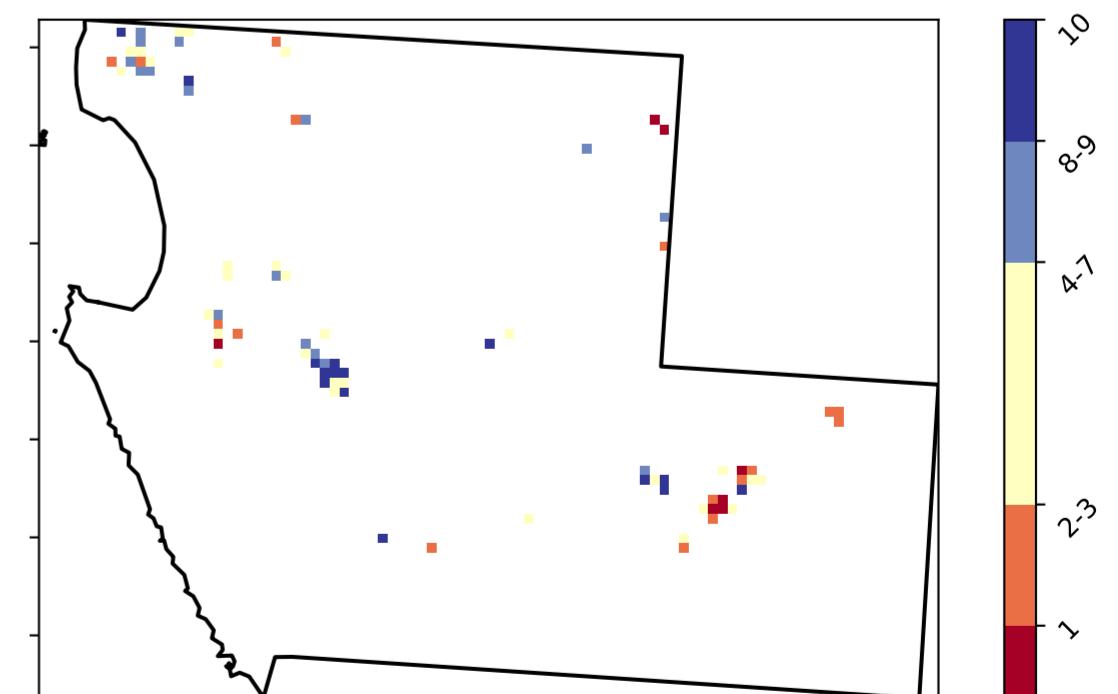
**Total Vegetation Cover Anomaly [%]**

Anomaly shows how many percentage 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.



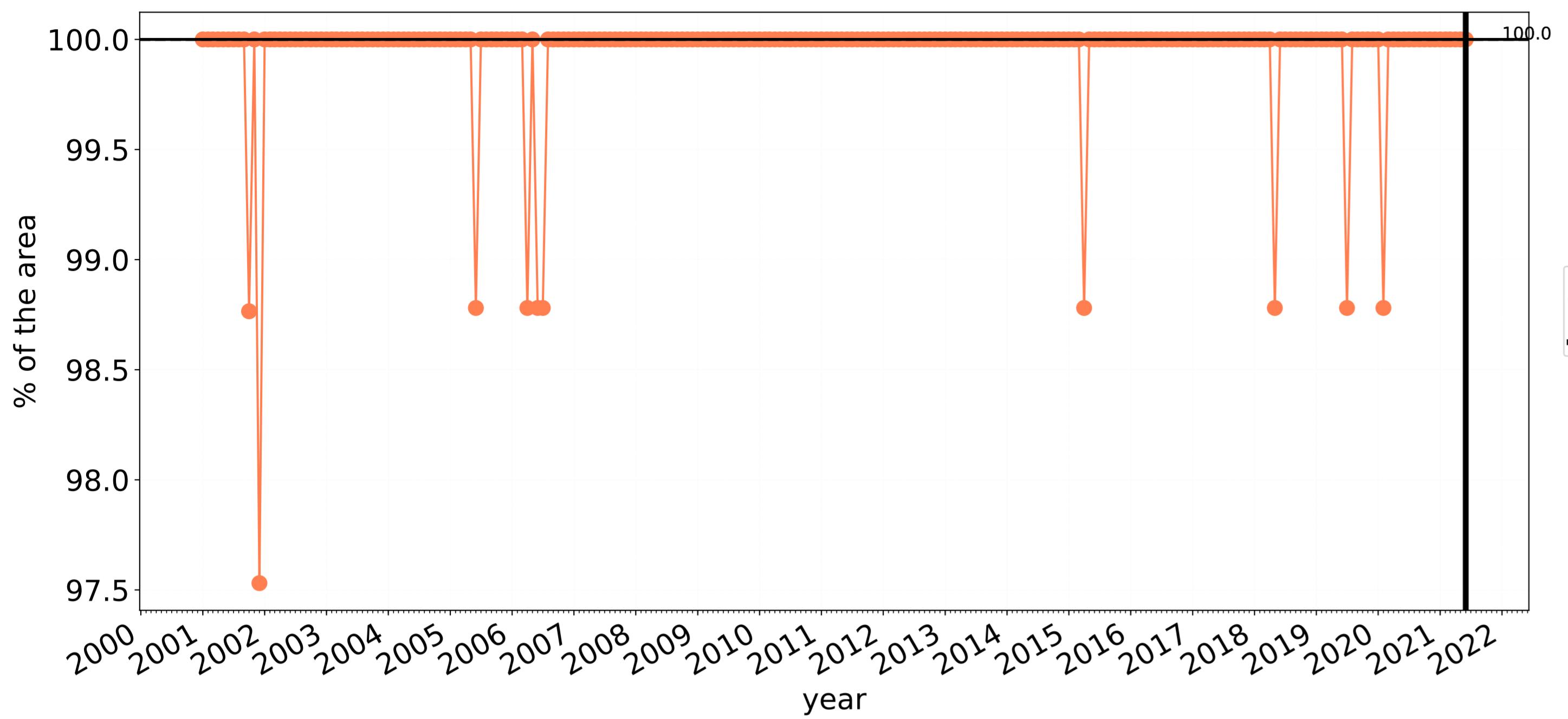
Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

**Total Vegetation Cover Decile [%]**

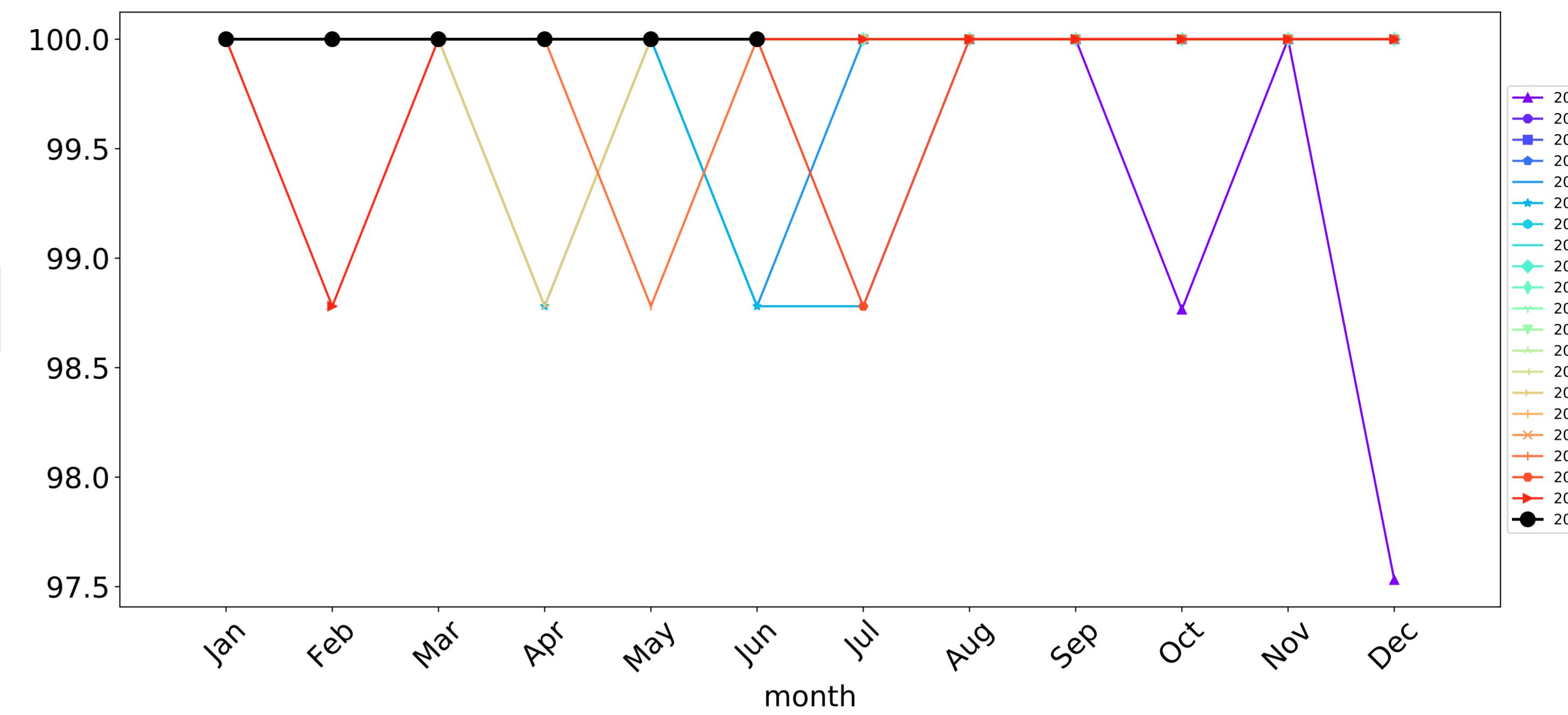


### Irrigation timeseries

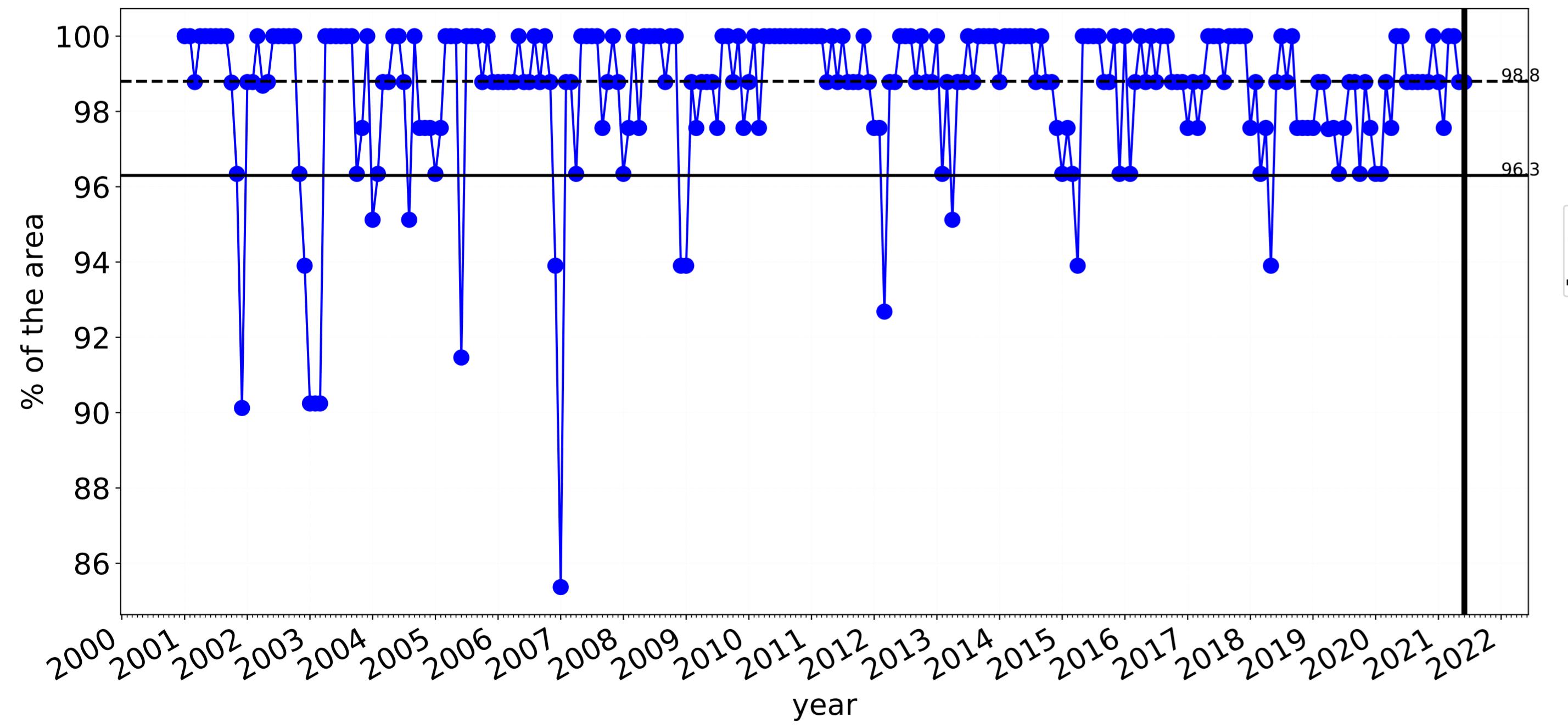
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



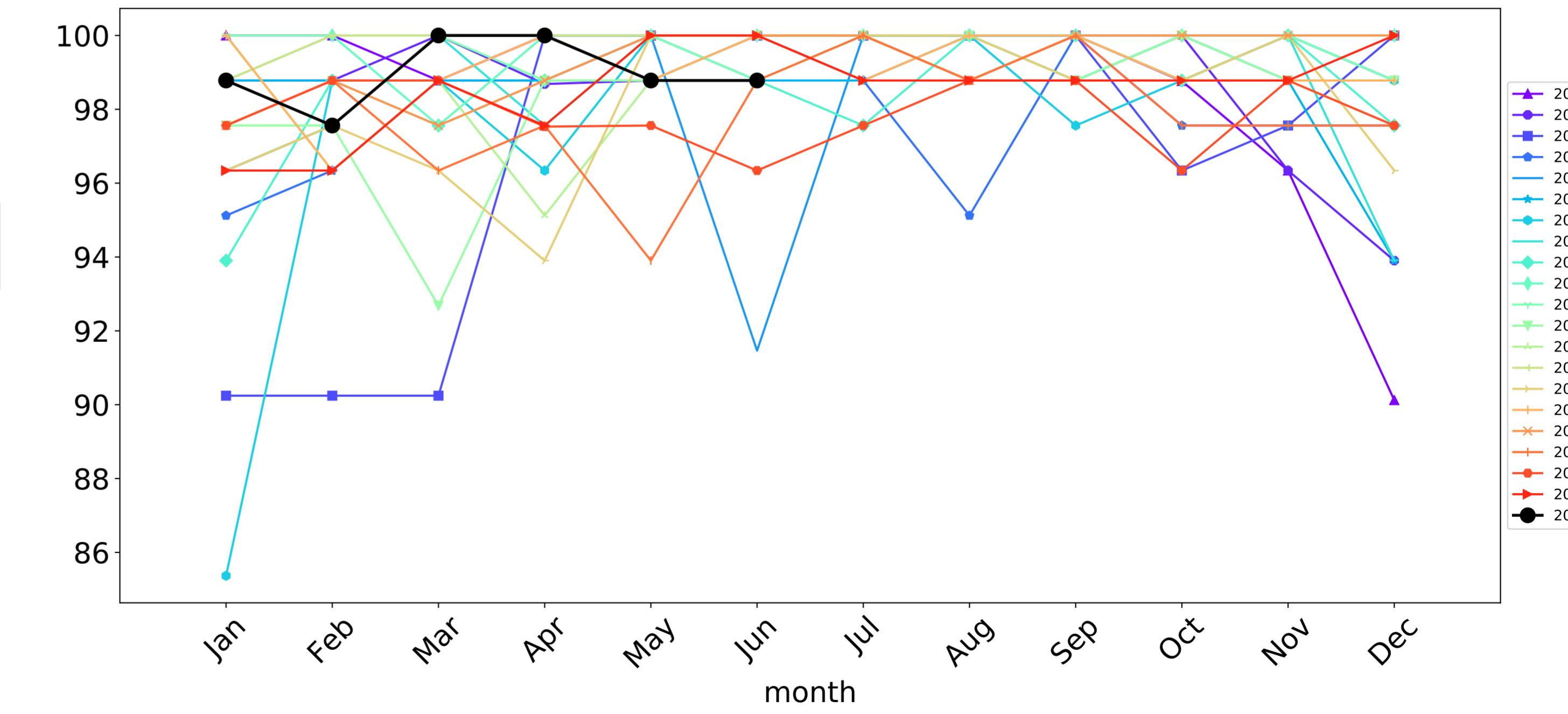
Wind erosion historical monthly area protected (Total Veg Cov >50%)



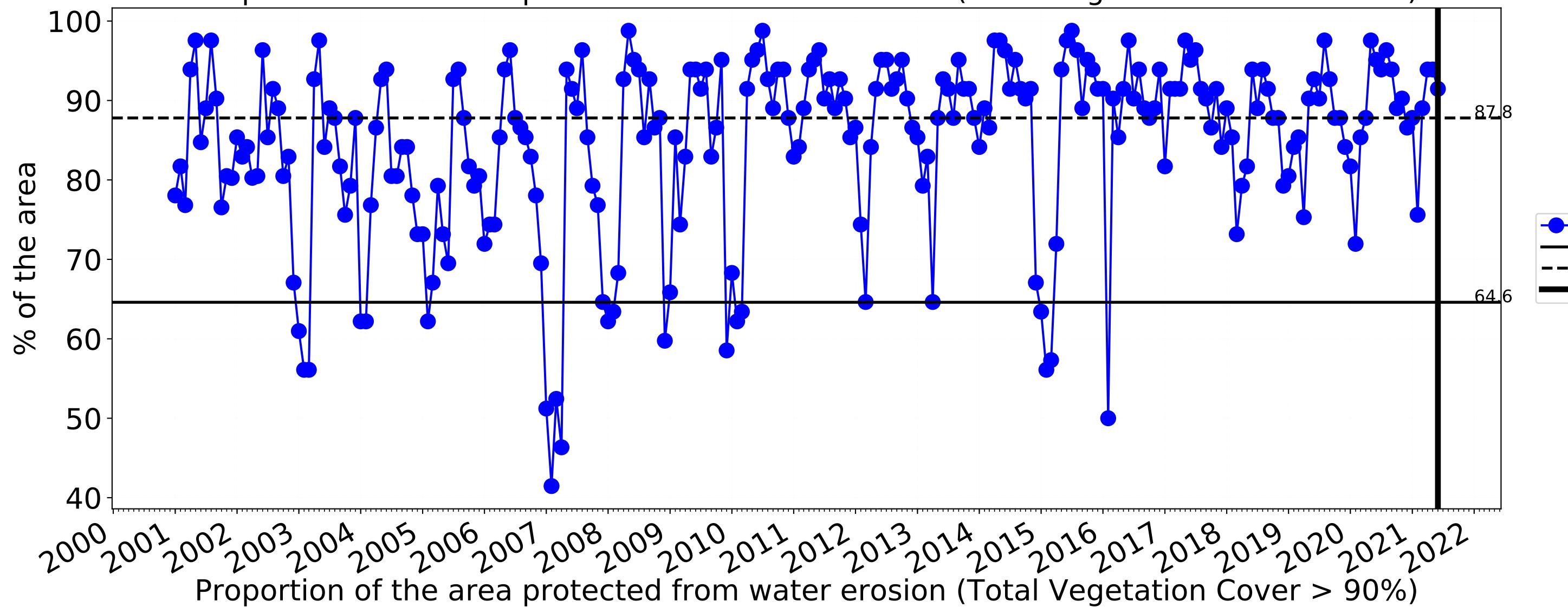
Proportion of the area protected from water erosion (Total Vegetation Cover > 70%)



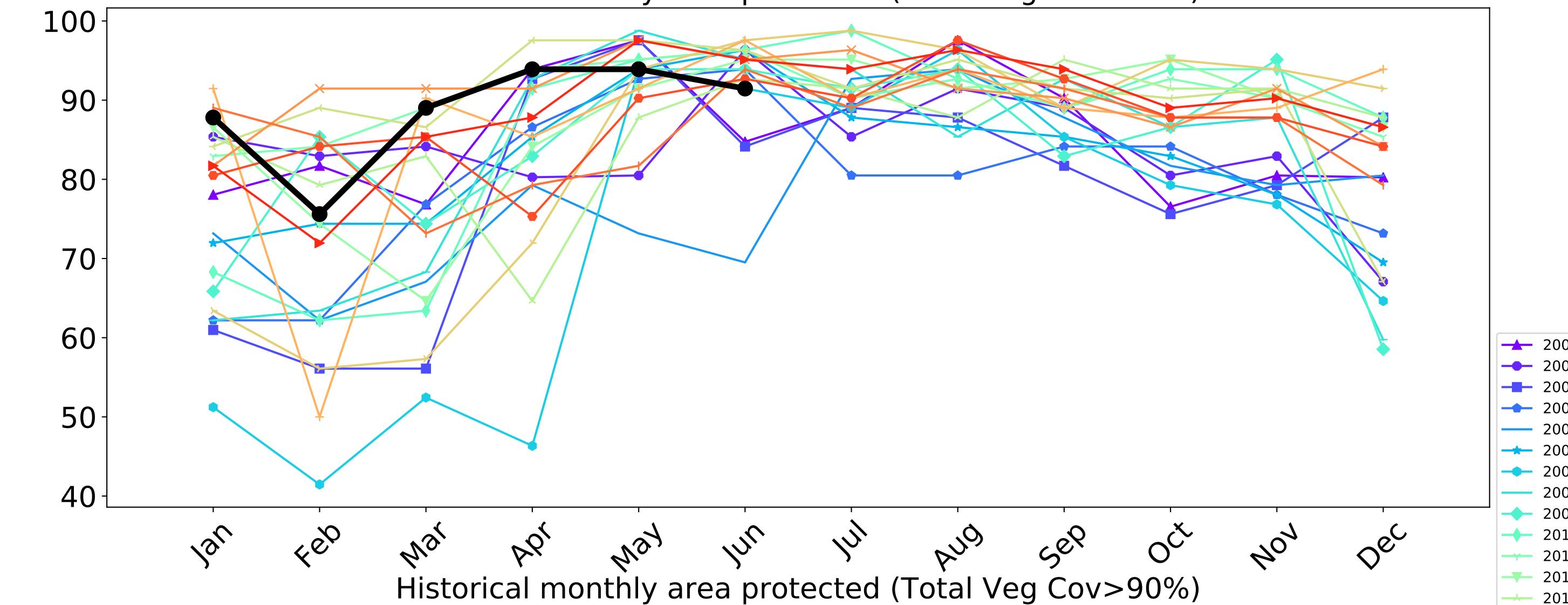
Water erosion historical monthly area protected (Total Veg Cov>70%)



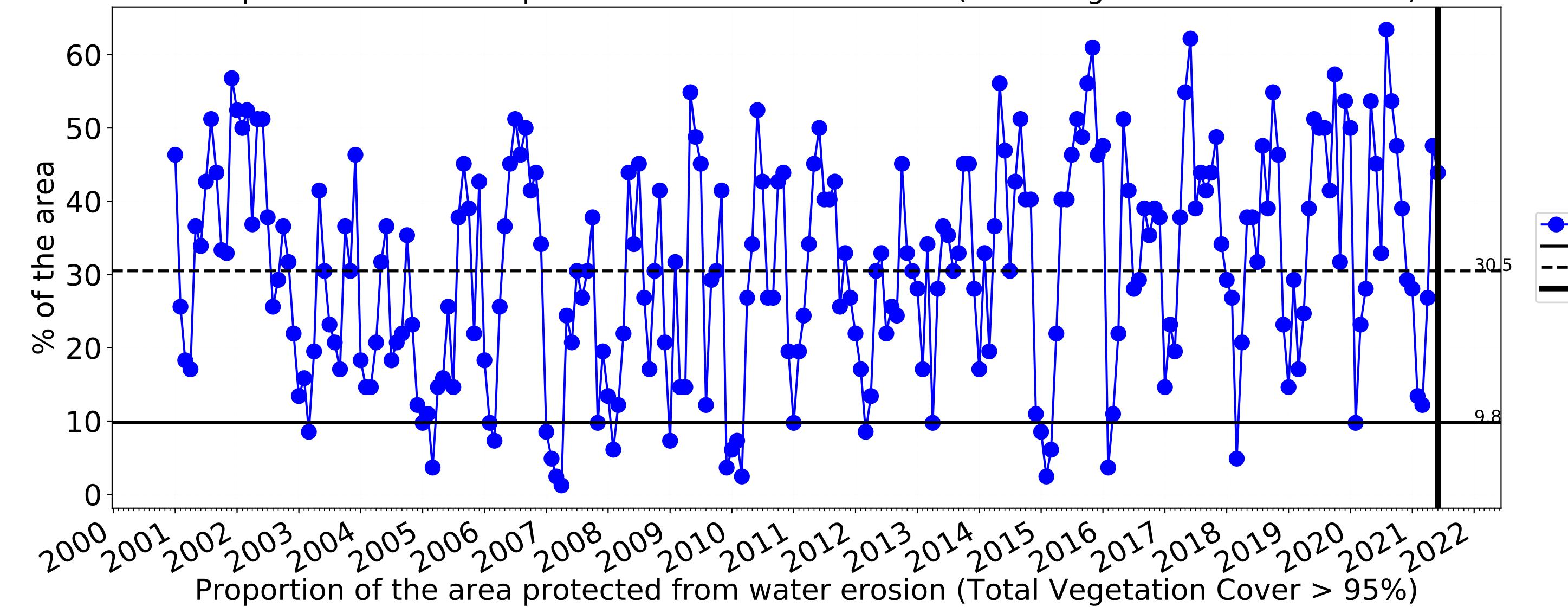
Proportion of the area protected from water erosion (Total Vegetation Cover > 80%)



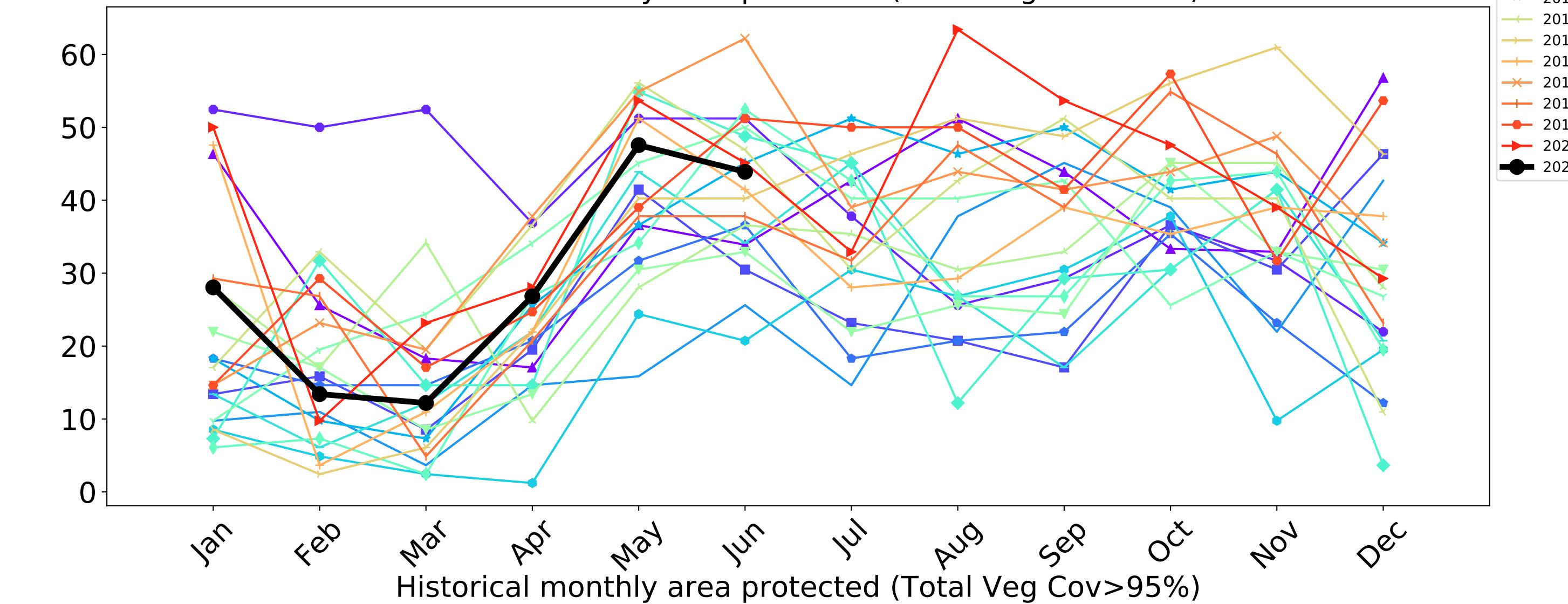
Historical monthly area protected (Total Veg Cov>80%)



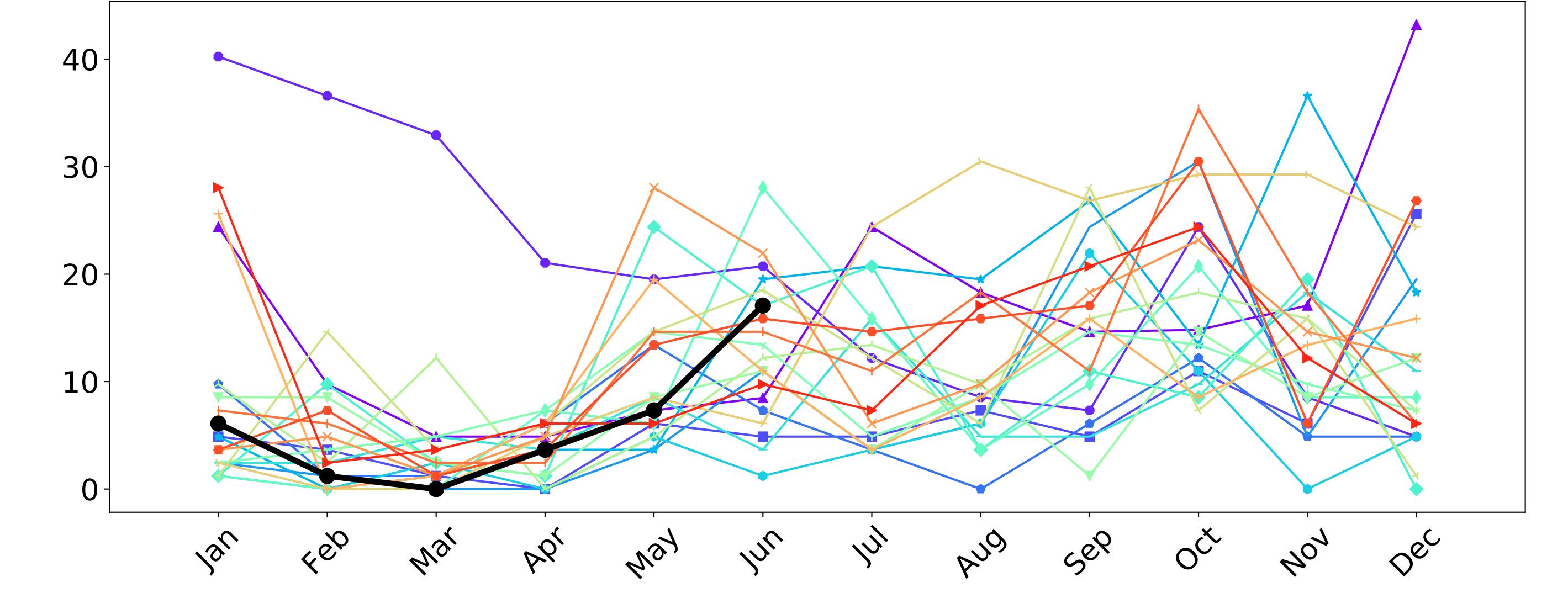
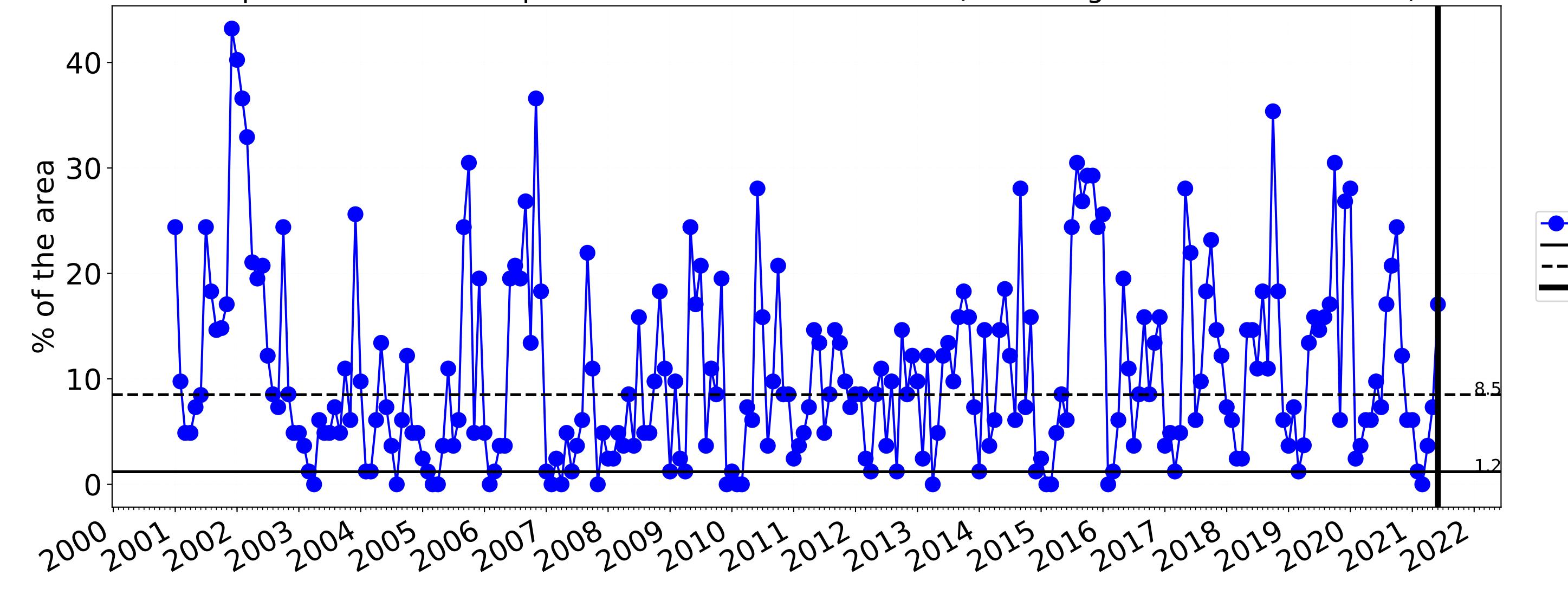
Proportion of the area protected from water erosion (Total Vegetation Cover > 90%)



Historical monthly area protected (Total Veg Cov>90%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 95%)



# Production native forests and plantation forests

**Land use and forest cover**

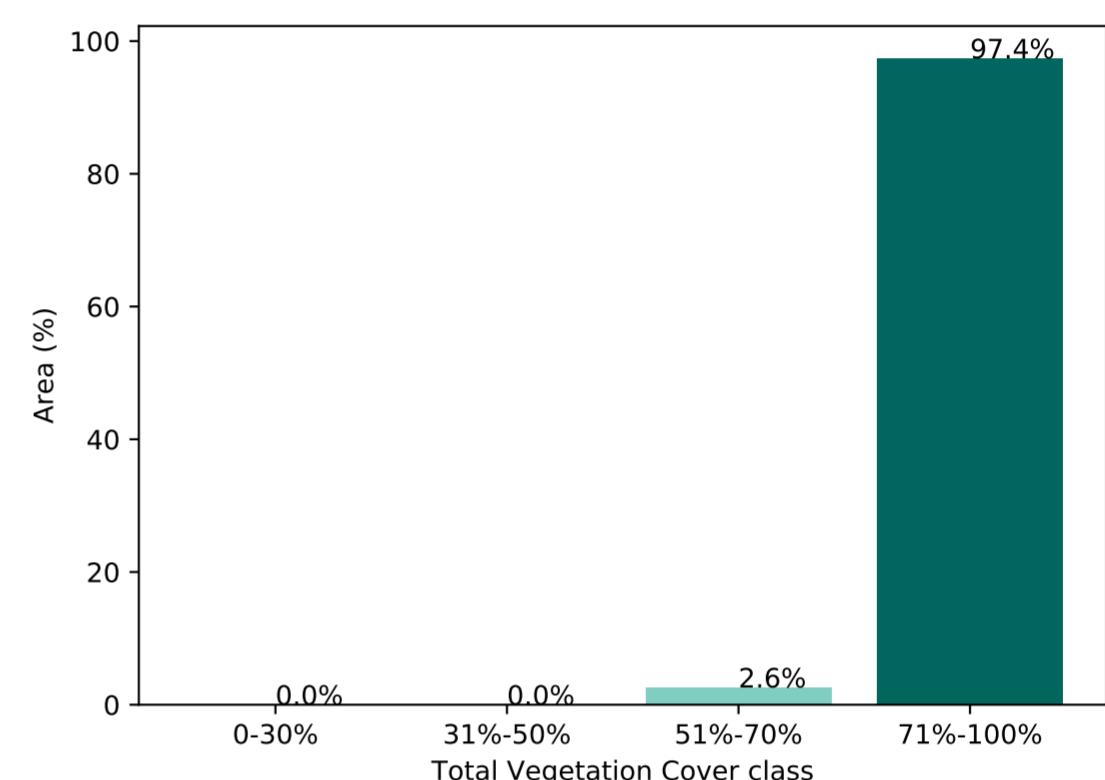
Catchment Scale Land Use and Forests of Australia (2018)  
Derived from Catchment Scale Land Use of Australia (2018) and Forests of Australia (2018)



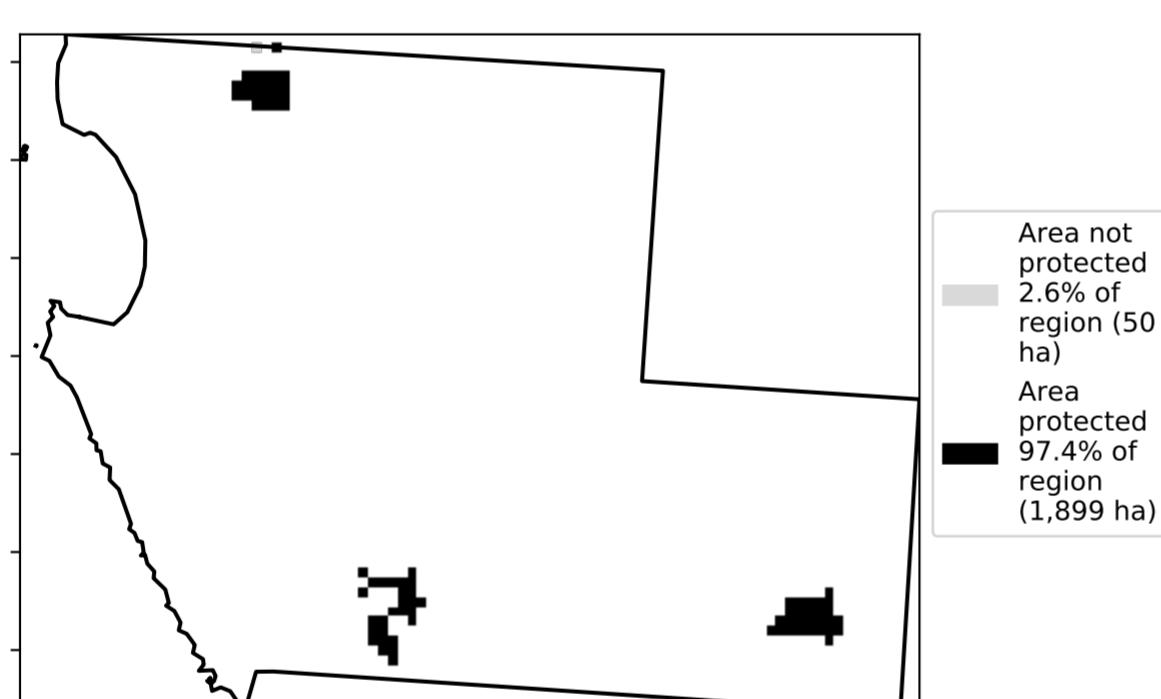
**Total Vegetation Cover [%]**



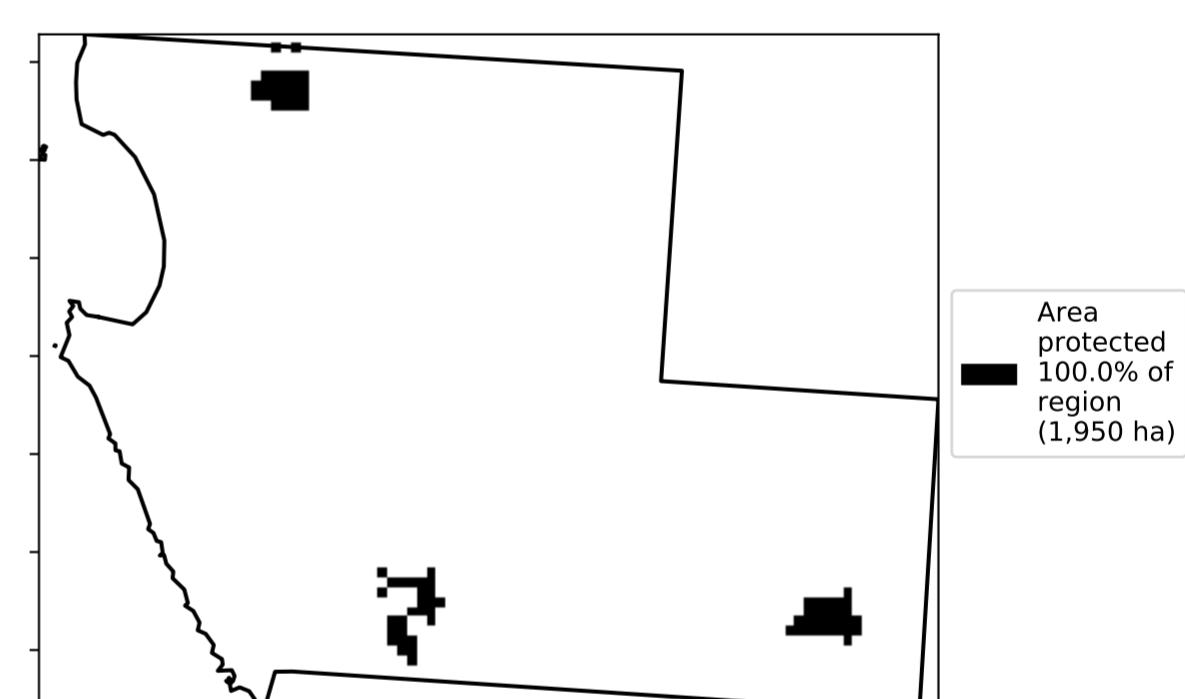
**Proportion of vegetation cover class in area**



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



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



**Total Vegetation Cover Anomaly [%]**

Anomaly shows how many percentage 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.



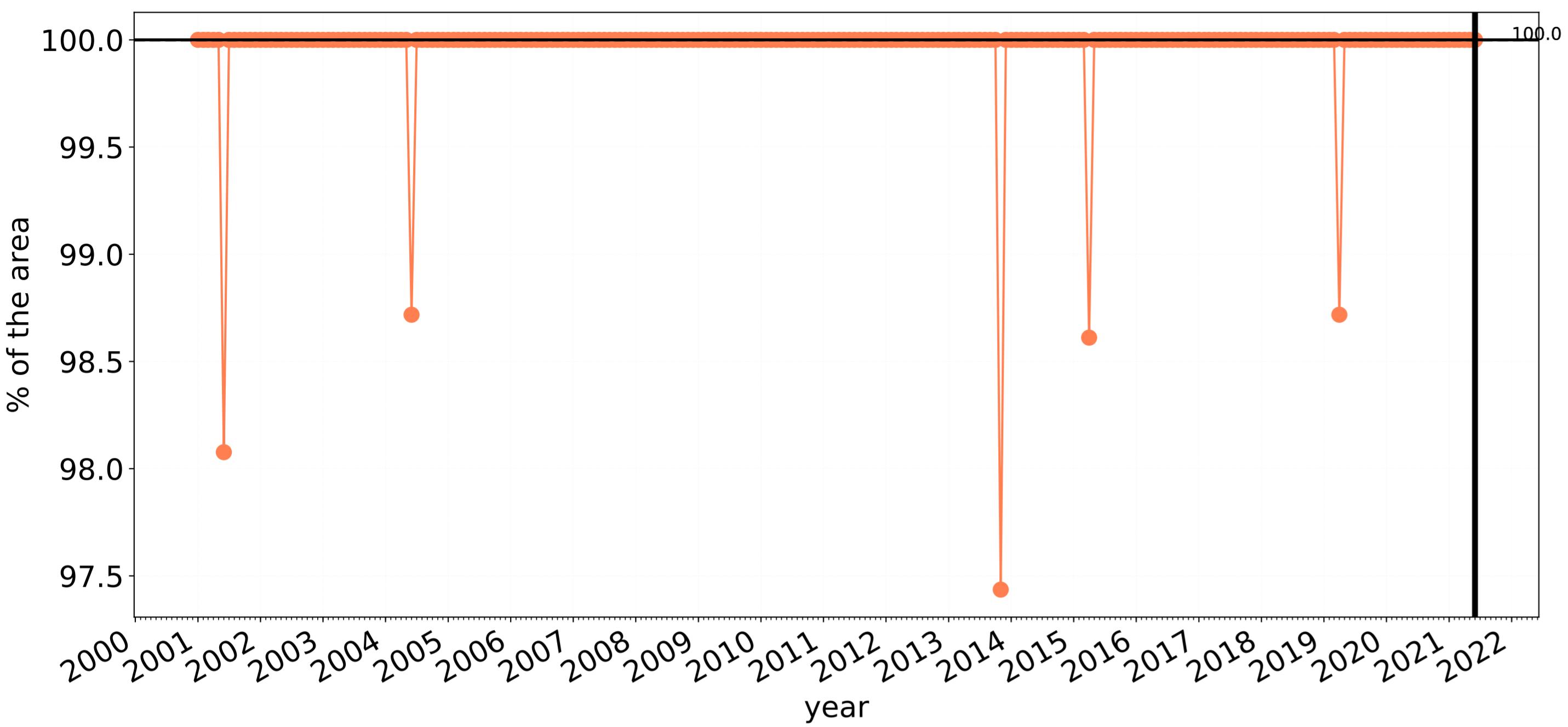
Deciles show where the pixel value lies in the record, from highest to lowest, for that month. That is, red pixels are in the lowest 10% of records for that month of the map using baseline from 2001 to 2019.

**Total Vegetation Cover Decile [%]**

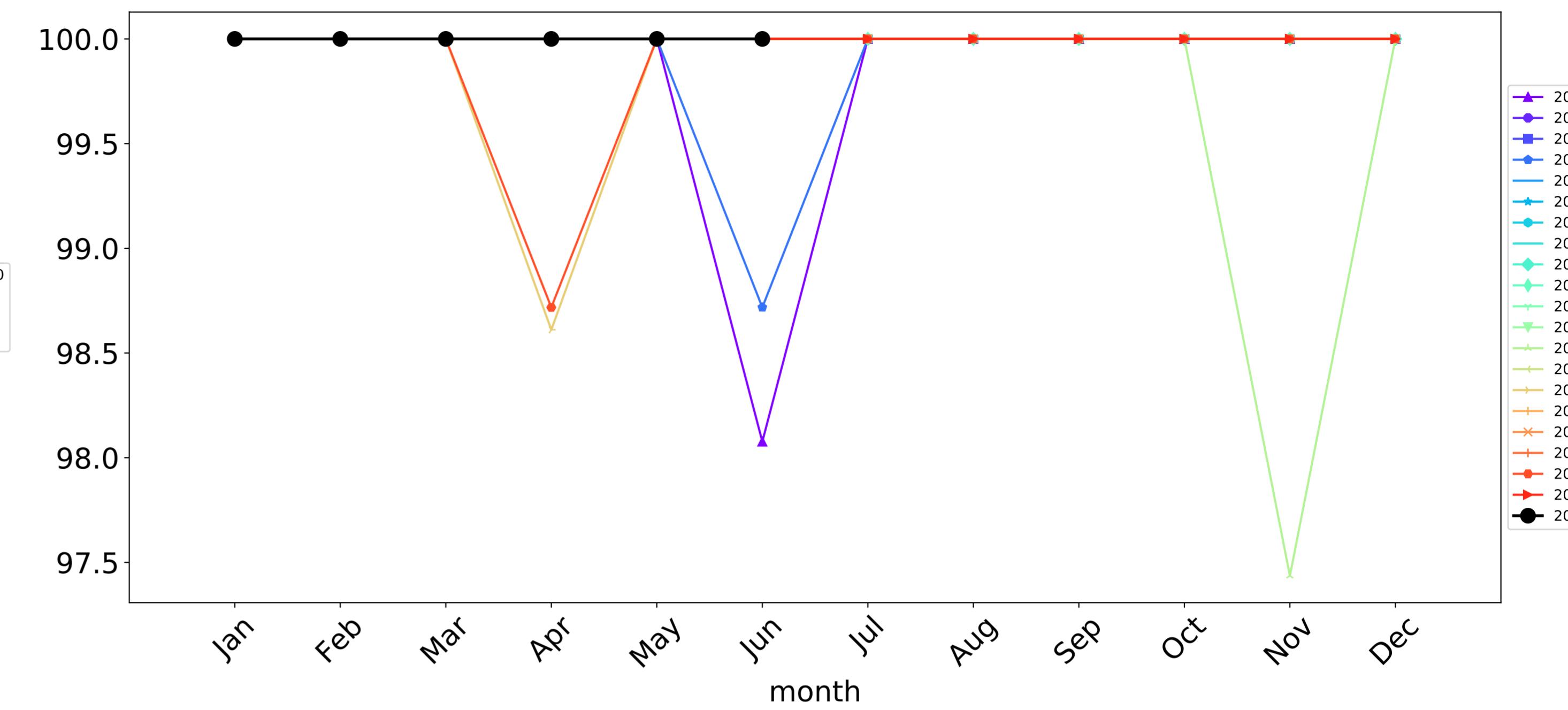


### Production native forests and plantation forests timeseries

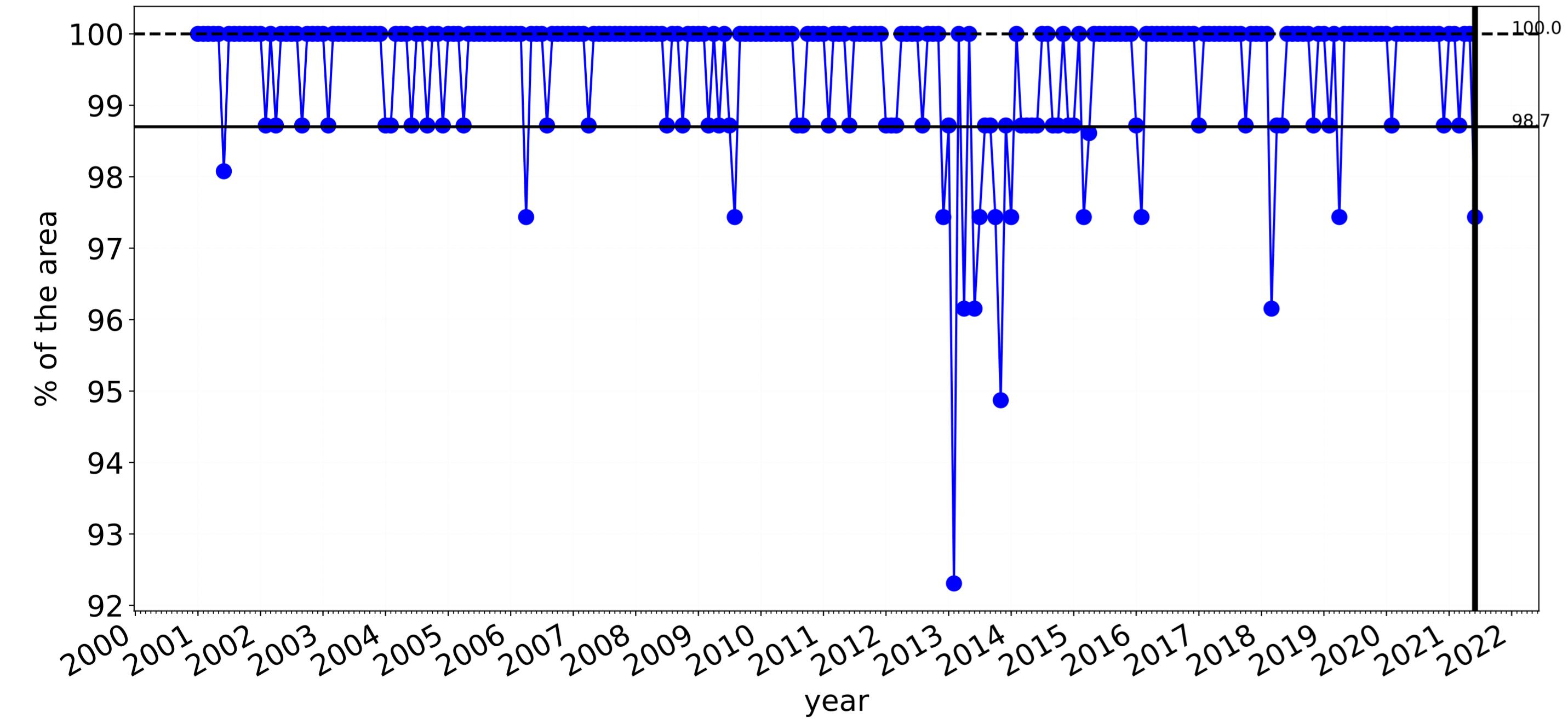
Proportion of the area protected from wind erosion (Total Vegetation Cover > 50%)



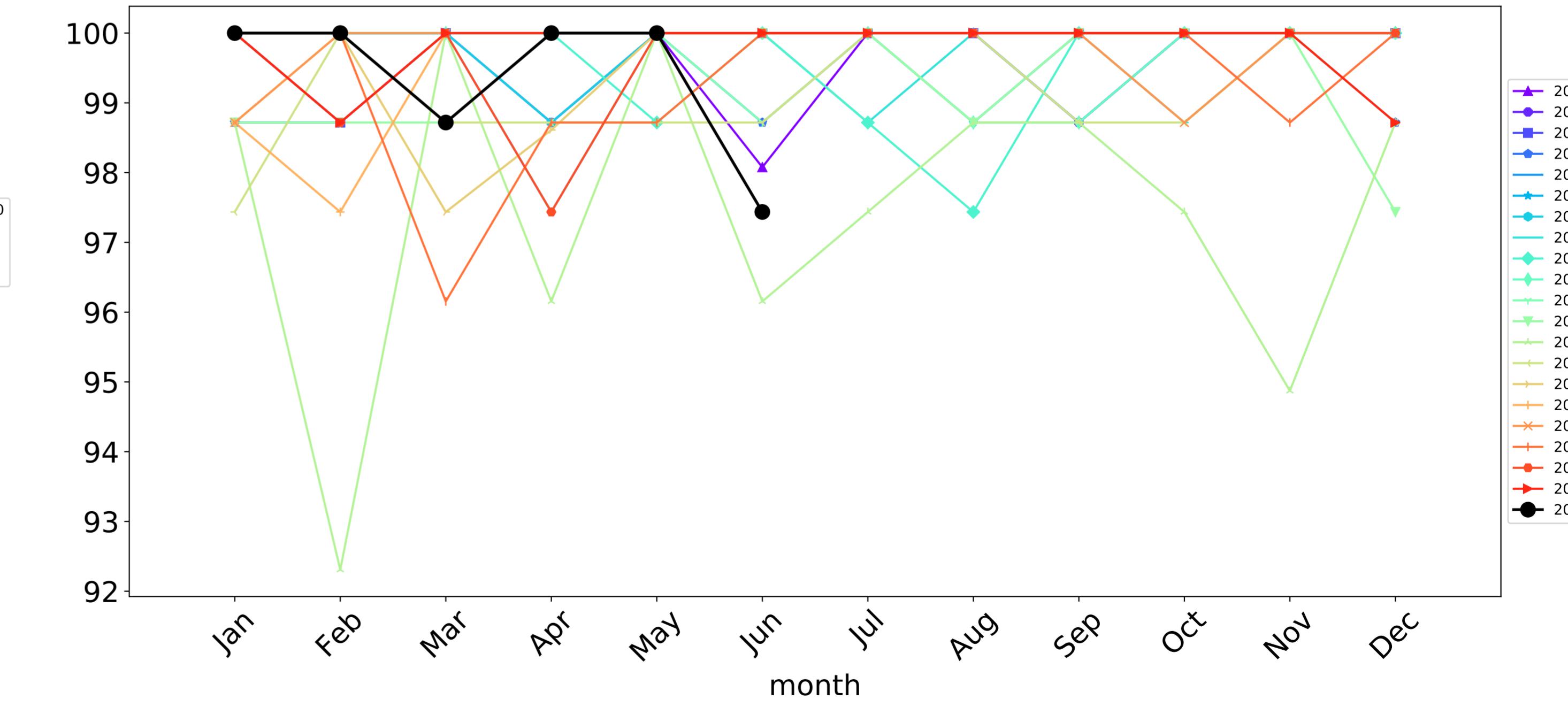
Wind erosion historical monthly area protected (Total Veg Cov >50%)



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



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



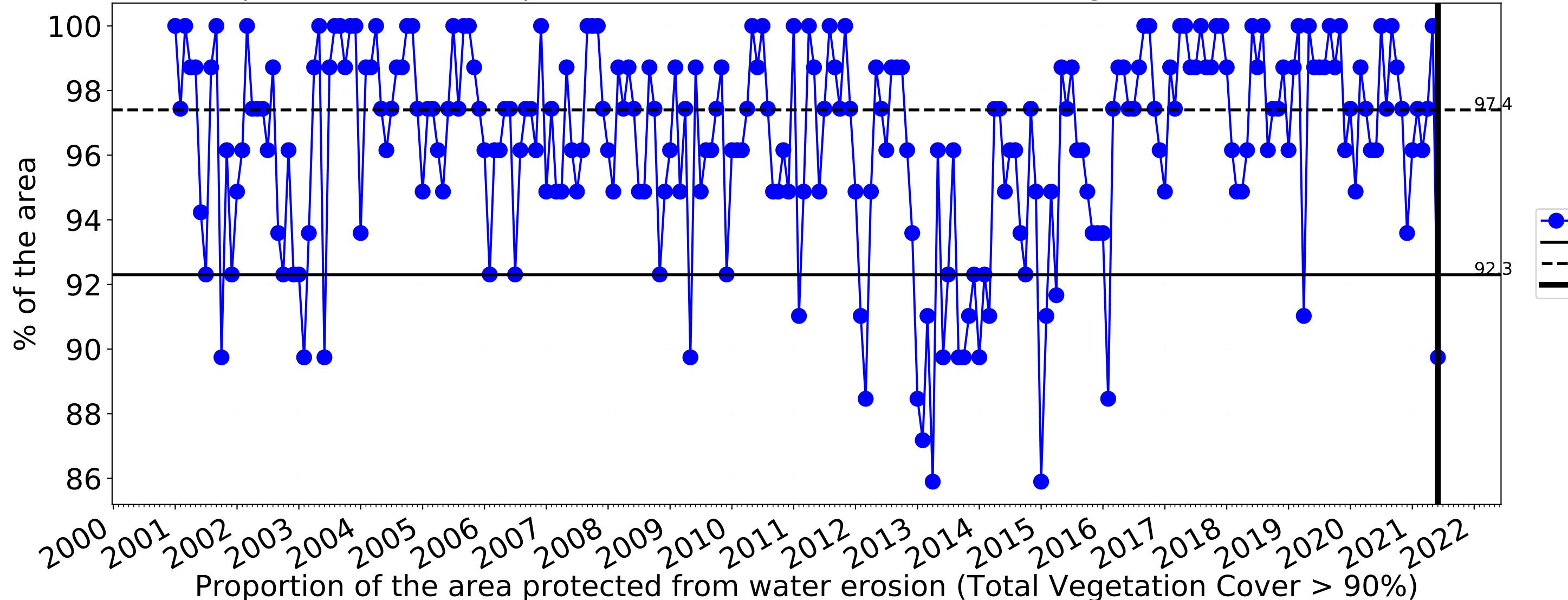
**tern**  
Ecosystem Research Infrastructure



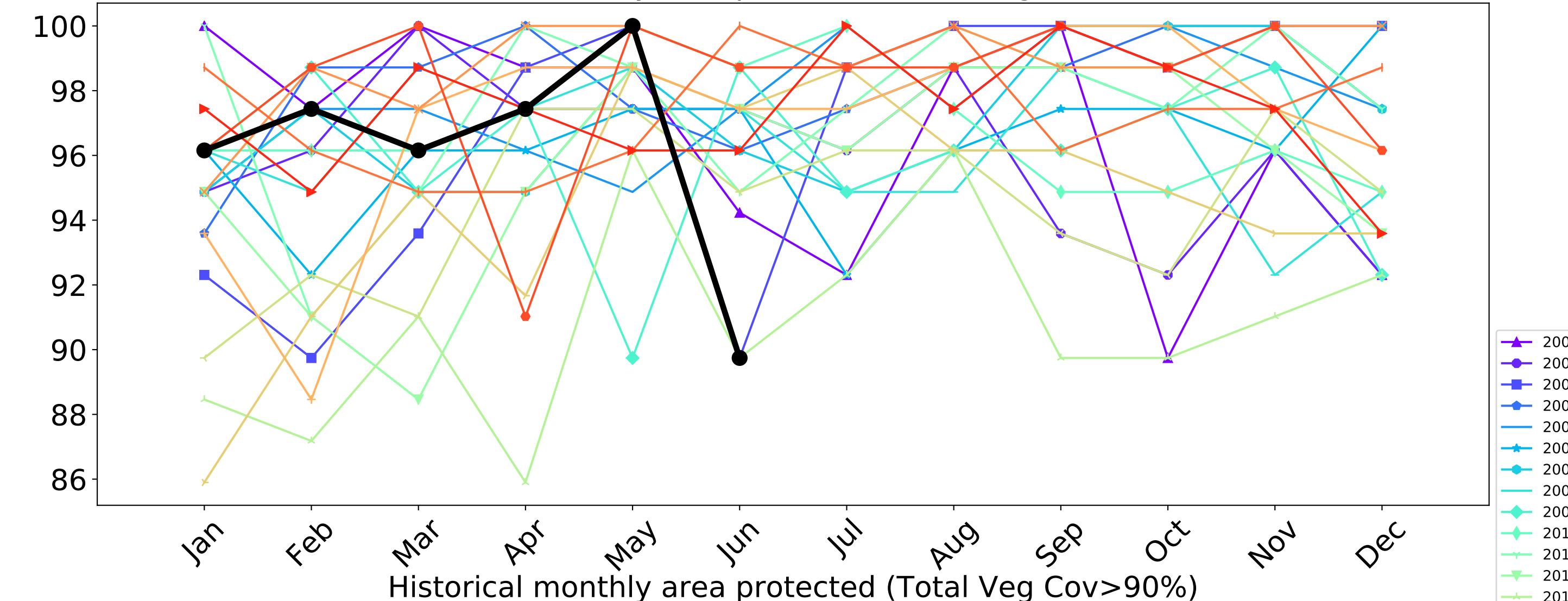
National  
Landcare  
Programme



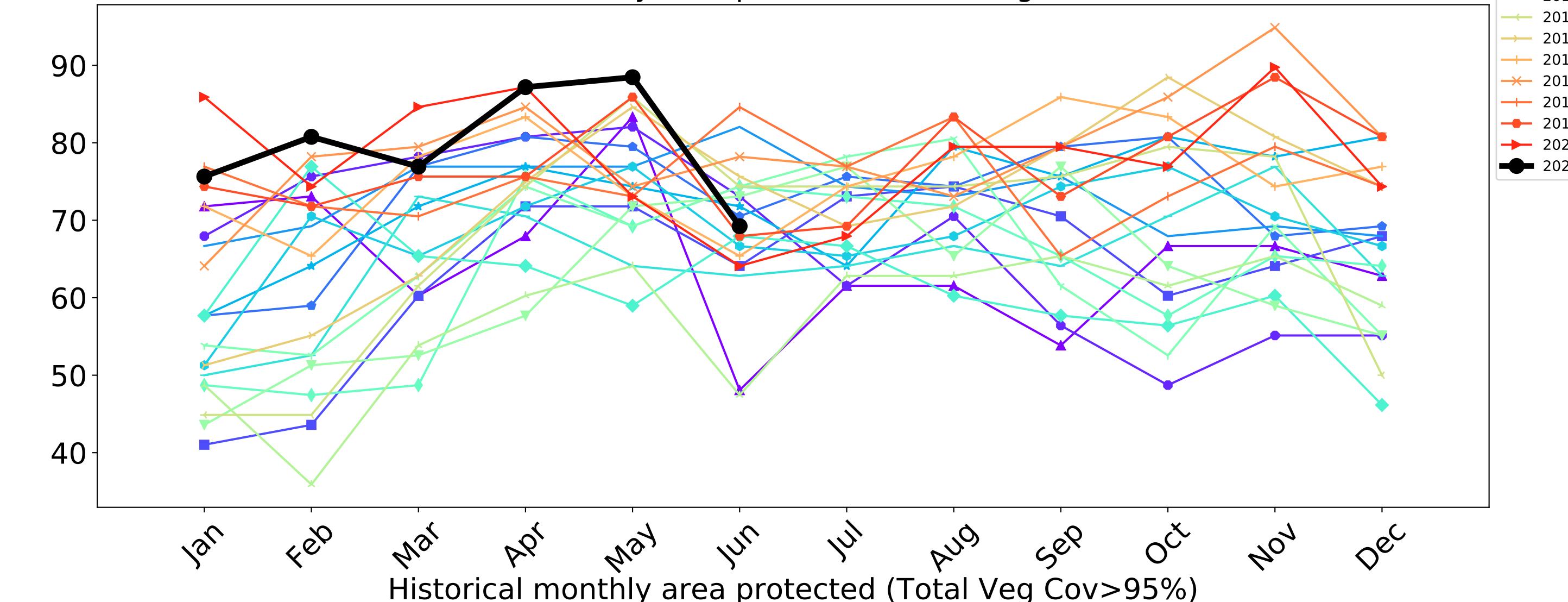
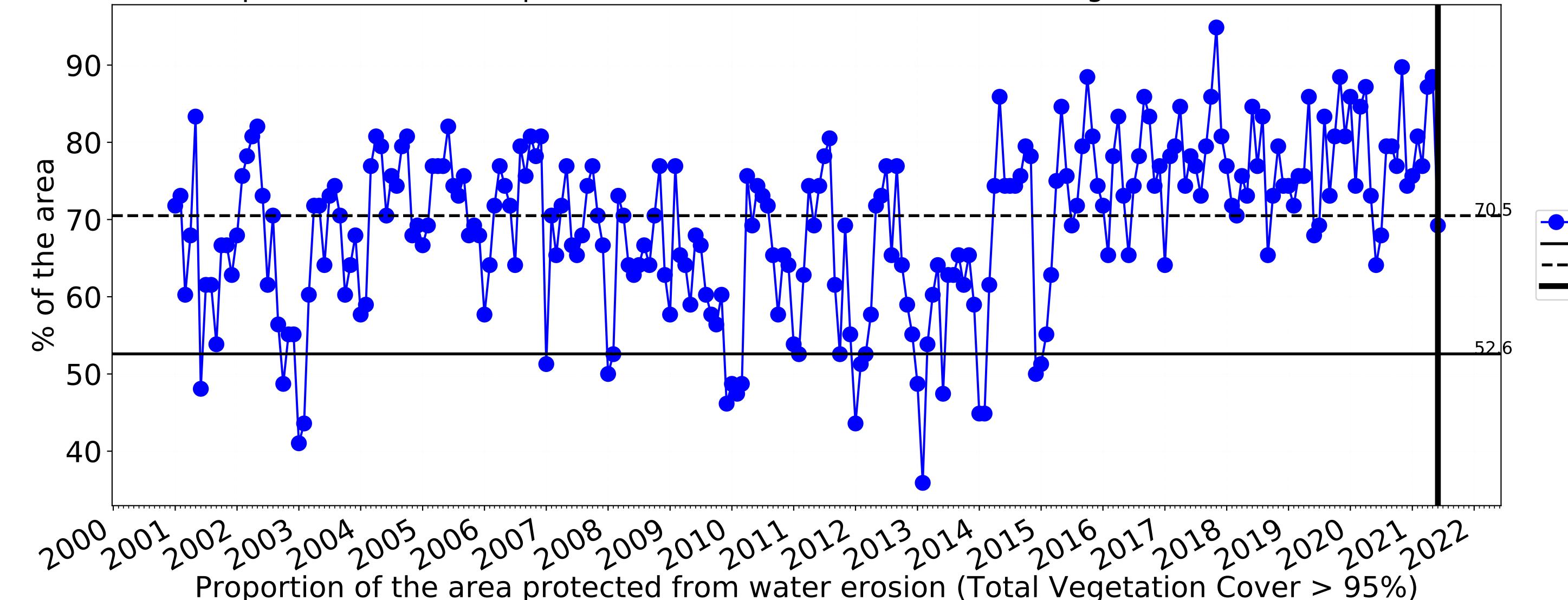
Proportion of the area protected from water erosion (Total Vegetation Cover > 80%)



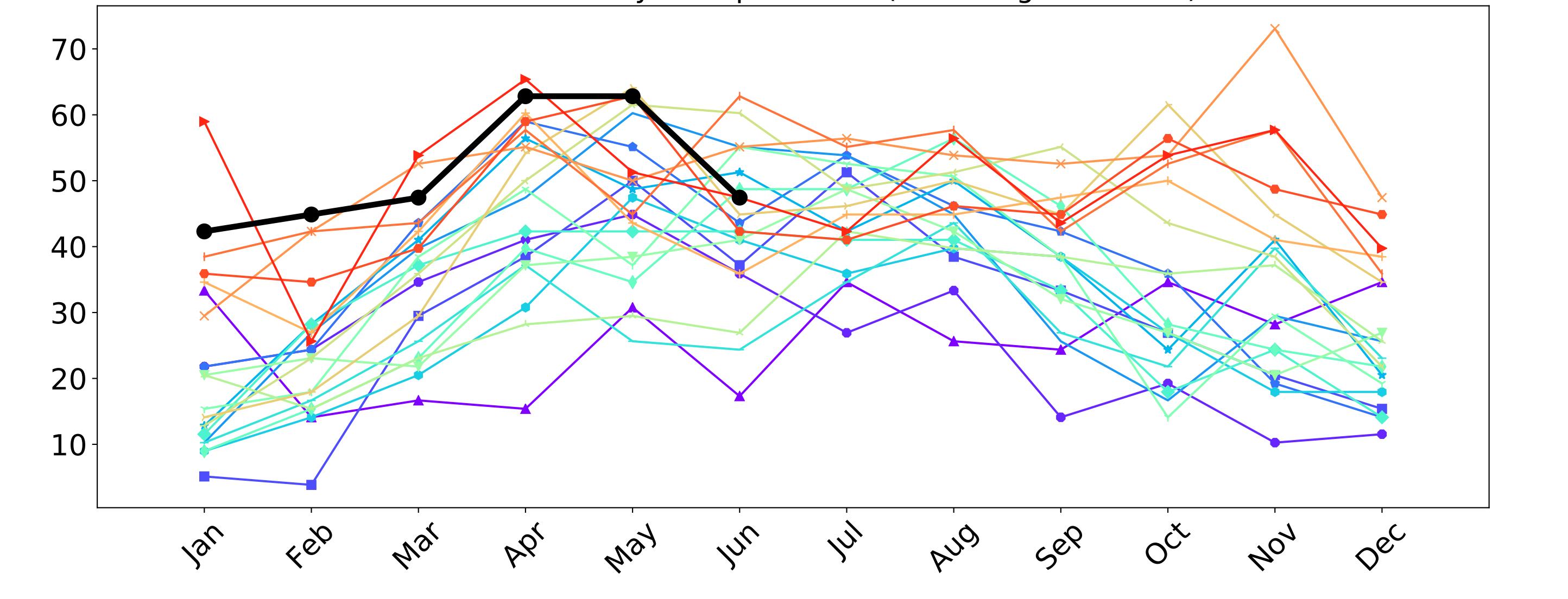
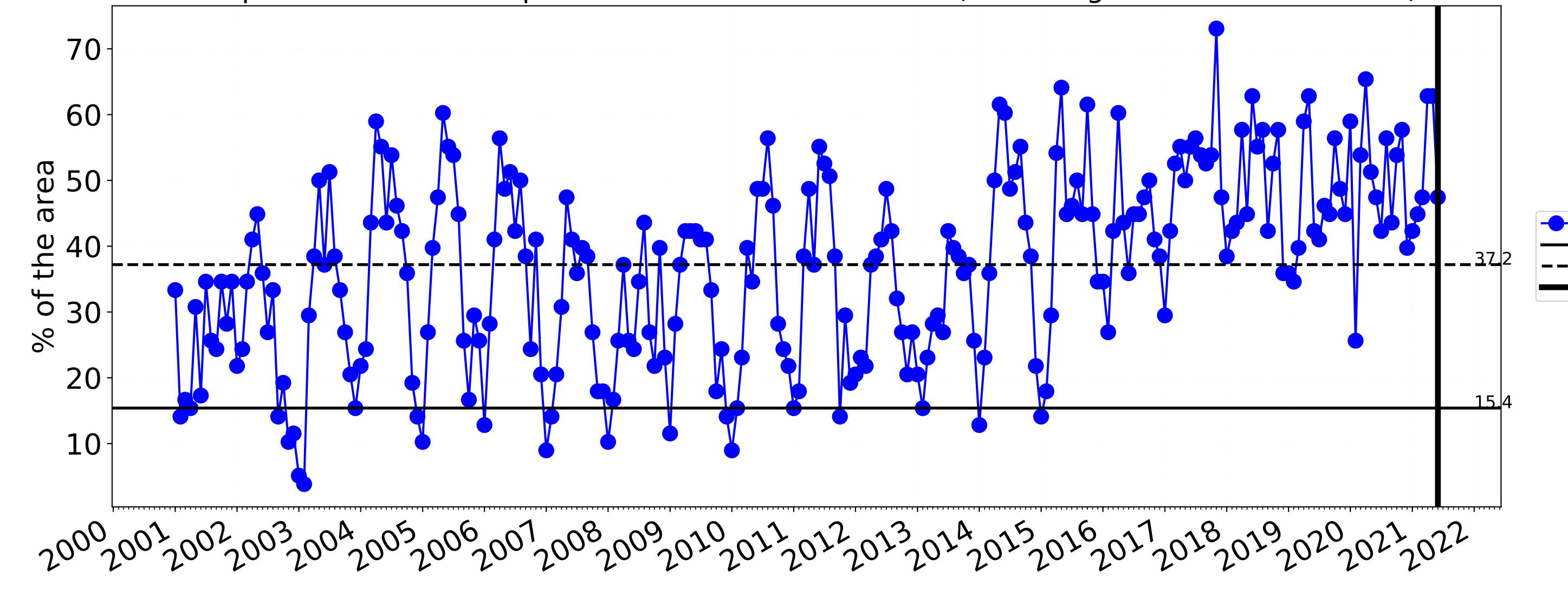
Historical monthly area protected (Total Veg Cov>80%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 90%)



Proportion of the area protected from water erosion (Total Vegetation Cover > 95%)



**Robe\_(DC) (102,850 ha and no data 6,343 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	102,850	99.9% 102,725	99.8% 102,625	98.8% 101,600	93.2% 95,850	48.0% 49,350	19.7% 20,275
Conservation and natural environments	10,250	99.8% 10,225	99.5% 10,200	99.0% 10,150	92.7% 9,500	67.1% 6,875	37.3% 3,825
Conservation and natural environments non forest	4,675	99.5% 4,650	99.5% 4,650	98.4% 4,600	89.8% 4,200	60.4% 2,825	30.5% 1,425
Conservation and natural environments Woodland forest	3,850	100.0% 3,850	100.0% 3,850	100.0% 3,850	96.8% 3,725	77.9% 3,000	46.8% 1,800
Conservation and natural environments Forest (non woodland)	1,725	100.0% 1,725	98.6% 1,700	98.6% 1,700	91.3% 1,575	60.9% 1,050	34.8% 600
Agriculture	81,325	100.0% 81,300	99.9% 81,250	99.2% 80,700	93.7% 76,200	43.9% 35,725	15.5% 12,625
Grazing	76,800	100.0% 76,775	99.9% 76,750	99.5% 76,400	94.4% 72,475	44.3% 34,050	15.6% 11,950
Grazing non forest	76,325	100.0% 76,300	99.9% 76,275	99.5% 75,925	94.4% 72,025	44.3% 33,775	15.4% 11,725
Cropping	2,475	100.0% 2,475	99.0% 2,450	91.9% 2,275	74.7% 1,850	31.3% 775	13.1% 325
Irrigation	2,050	100.0% 2,050	100.0% 2,050	98.8% 2,025	91.5% 1,875	43.9% 900	17.1% 350
Production native forests and plantation forests	1,950	100.0% 1,950	100.0% 1,950	97.4% 1,900	89.7% 1,750	69.2% 1,350	47.4% 925



**tern**

Ecosystem Research Infrastructure



Australian Government

National  
Landcare  
Programme

