Australia's Environment | 2020 Regional Report Card
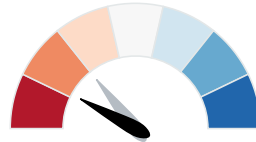
Eurobodalla [A]
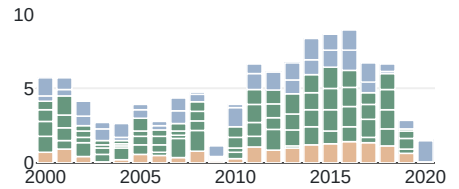
One of 544 Local Government Areas in Australia.
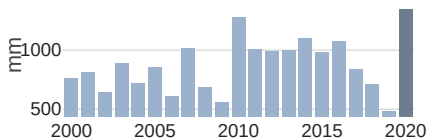
Summary Score

1.6

-1.3

The overall environmental score (out of 10) was 1.6, down from 2.9 in 2019.
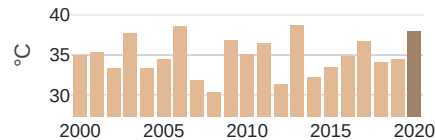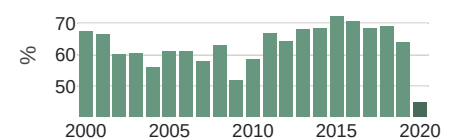
Rainfall

Rainfall was the highest since 2000
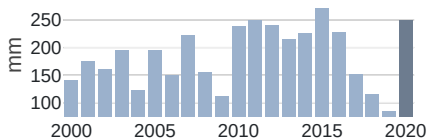
Maximum temperature

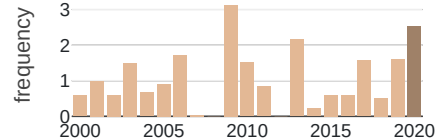Maximum temperature was 3rd highest since 2000

Tree cover

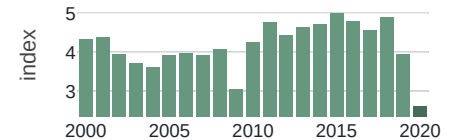Woody vegetation cover was the lowest since 2000

Soil moisture

The mean amount of moisture in the soil was 3rd highest since 2000.

Hot days

The number of days above 35 °C was 2nd highest since 2000

Vegetation condition

Leaf area index was the lowest since 2000

River flows
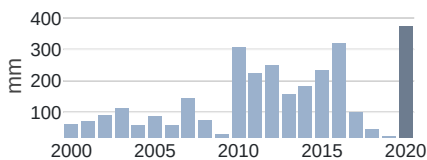
River flows were the highest since 2000.

Bushfire extent
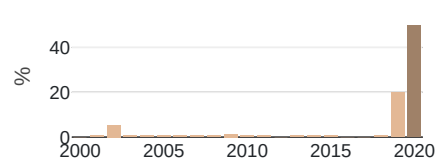
The area burnt was 2nd highest since 2000

Exposed soil
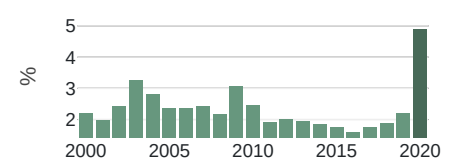
The area of unprotected soil was the highest since 2000.

Inundation
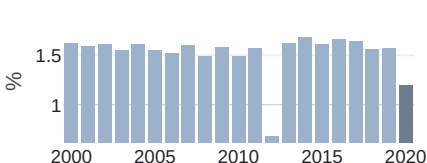
Inundation was 2nd lowest since 2000.

Biomass burnt
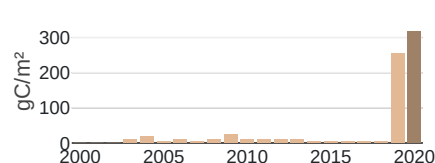
Fire carbon emissions were the highest since 2000.

Vegetation growth

Vegetation growth was the lowest since 2000.

This report card summarise changes in the region's natural resources and ecosystems in 2020.

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Eurobodalla [A]

Local Government Areas

Area: 3,428 km²

Climate indicators

averages for 2000-2019
Precipitation: 869 mm per year
Days over 35°C: 1.1 per year
Days with frost: 0.9 per year

Land use: Natural environments (44%), Production native forests (31%), Grazing on native pasture (13%)

Tree cover: 0.15 Mha or 44.9% (2019)

For more information about this region follow this link

National context

Deviation from 2000-2019 average

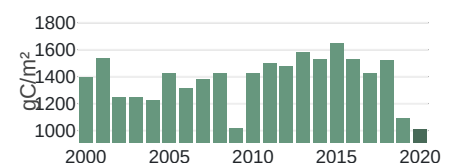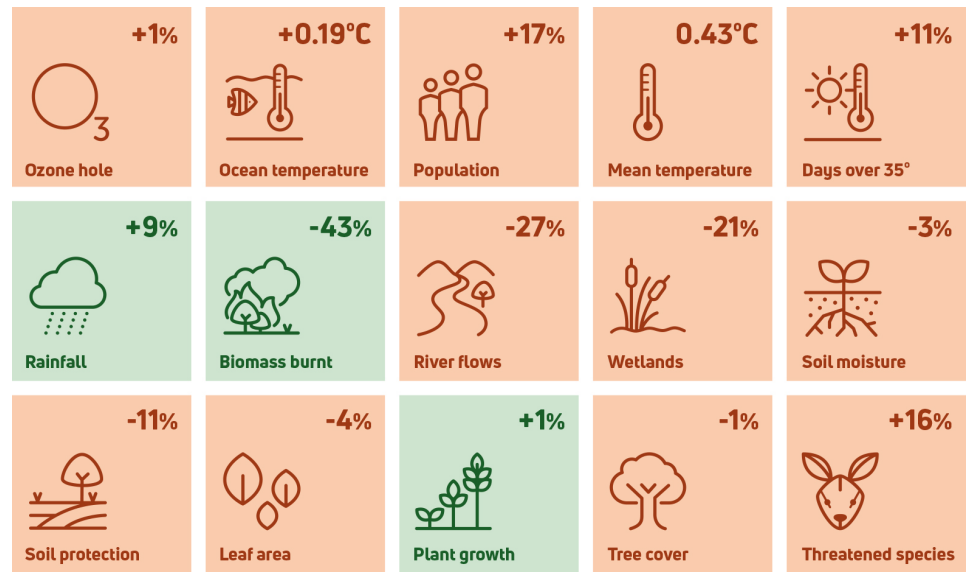|				
+1% Ozone hole	+0.19°C Ocean temperature	+17% Population	0.43°C Mean temperature	+11% Days over 35°
+9% Rainfall	-43% Biomass burnt	-27% River flows	-21% Wetlands	-3% Soil moisture
-11% Soil protection	-4% Leaf area	+1% Plant growth	-1% Tree cover	+16% Threatened species

About This Report

The annual Australia's Environment Report summarises a large number of observations on the trajectory of our natural resources and ecosystems.

On the report website, you can find a national summary report, as well as report cards for different types of administrative and geographical regions. In the accompanying data explorer, the spatial data can be viewed as maps, accounts or charts by region and land use type, and downloaded for further use.

Acknowledgements: Australia's Environment is produced with support from TERN, an NCRIS-enabled National Research Infrastructure. Production is made possible by the National Computational Infrastructure (NCI) and data published by Bureau of Meteorology, CSIRO, Geoscience Australia, Australian Bureau of Statistics, Australian Government Departments, Terrestrial Ecosystem Research Network, Atlas of Living Australia, NASA, European Centre for Medium-range Weather Forecasts and others.

About The Data

Summary score: overall environmental condition expressed between 0 and 10 relative to previous years. It is calculated as the average of the ranking of component scores (from top to bottom in the bar graph): inundation and streamflow (blue), vegetation growth, leaf area, soil protection and tree cover (green) and the number of hot days (orange).

Indicators: measures of the condition of natural resources and ecosystems summarised from several spatial data sources. Land cover, inundation, fire occurrence, burn extent, exposed soil, and vegetation leaf area are derived by automated analysis of satellite imagery. The other indicators are estimated by integrating ground- and satellite data with environmental prediction models. For full details on the methods, follow this link.

National context: Selected environmental indicators as a relative change from average conditions since 2000. Such a change can be part of a long-term trend or be within normal variability. For historical context on each indicator follow this link.

About Us

The Centre for Water and Landscape Dynamics develops new methods to measure, monitor and forecast climate, water availability and landscape conditions. Our solutions often combine large amounts of data from satellites and sensor networks with field research, biophysical modelling and machine learning.

Our focus areas are extreme weather, bushfires, water resources, agriculture, forestry and our natural environment. Our activities span education and training, research, and developing practical solutions for decision-making. Among others, we develop innovative web-based platforms to help you find, explore and interpret environmental information derived from satellites and on-ground networks.

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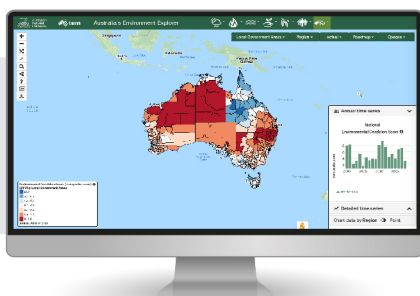
For further information on the environment condition of this and other parts of Australia visit
www.ausenv.online

Australian National University

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