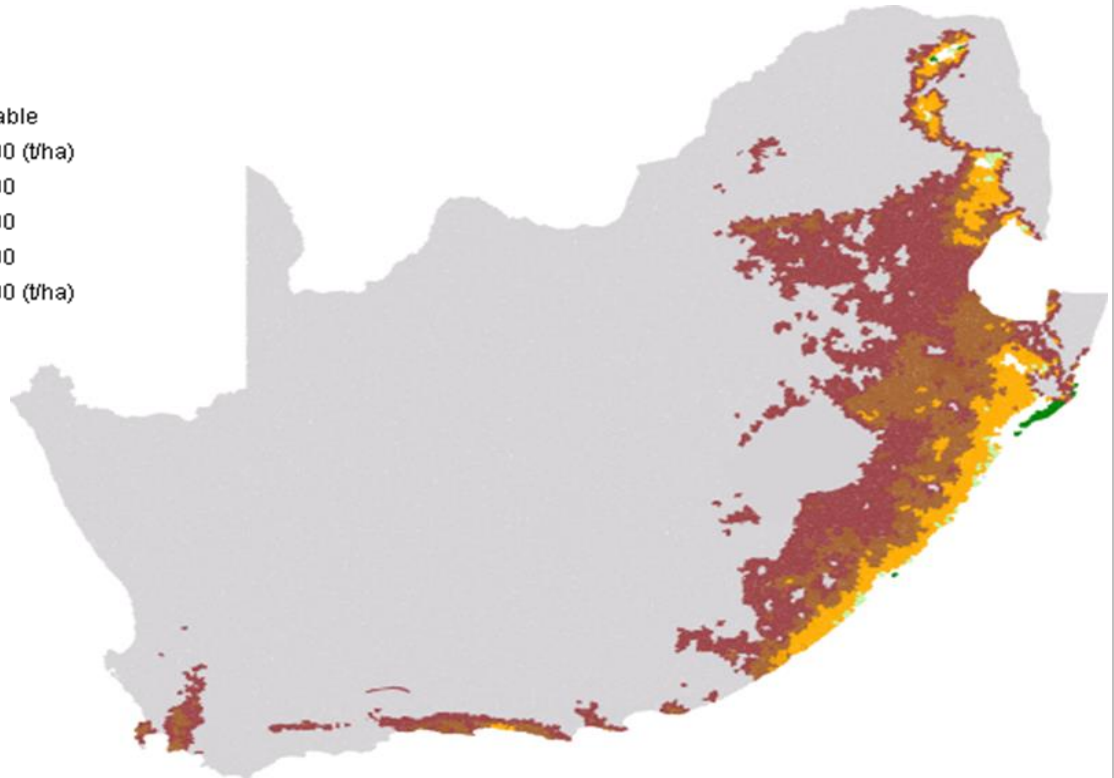


Pinus elliottii* Yield Estimation*Legend***Pinus elliottii*

Yield estimation

- Climatically Unsuitable
- 2.000001 - 14.00000 (t/ha)
- 14.00001 - 16.00000
- 16.00001 - 18.00000
- 18.00001 - 20.00000
- 20.00001 - 50.00000 (t/ha)



Author(s): Derived from Schulze, R.E and Maharaj, M (2007)

Date: 2007

Meta-Data

Title	<i>Pinus elliottii</i> yield estimates allocated to mesozones
File Name	Join_meso_base_and_mai_pel_int_pt.shp
Author(s)	Derived from Schulze, R.E and Maharaj, M (2007)
Publication Date	2007
Citation	Schulze, R.E. and Maharaj, M. 2007. <i>Pinus elliottii</i> Growth Areas and Yield Estimation. In: Schulze, R.E. (Ed). 2007. South African Atlas of Climatology and Agrohydrology. Water Research Commission, Pretoria, RSA, WRC Report 1489/1/06, Section 18.6
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Abstract	<p>* The dataset shows climatically optimum growth areas and yield estimates of <i>Pinus elliottii</i>. Large tracts along the coastal and inland areas of the north-eastern Eastern Cape Province and KwaZulu-Natal, as well as significant parts of Mpumalanga, are shown to be climatically suitable for <i>Pinus elliottii</i> production.</p> <p>* Yields, expressed as Mean Annual Increments, are < 14 t/ha/annum in the western and 18 -20 t/ha/annum along the eastern fringes of its growth area, with highest yields > 20 t/ha/annum on the coastal promontory in KwaZulu-Natal around Richard's Bay.</p> <p>* Data was derived from Schulze R.E. and Maharaj M. (2007) and then allocated to mesozones by combining with a base mesozone layer obtained from the CSIR Geospatial Analysis Platform (GAP).</p>
Keywords	agriculture, biomass, growth areas, mesozones, pinus elliottii, yield estimation
Caveats	http://bea.dirisa.org/resources/metadata-sheets/WP03_00_META_PEL.pdf
Web Meta-Data	
Web Resource	http://app01.saeon.ac.za:8086/geoserver/BEA/wms?service=WMS&version=1.1.0&request=GetMap&layers=BEA:Join_meso_base_and_mai_pel_int_pt&styles=&bbox=16.45192000002853,-34.83416989569373,32.89253174669768,-22.12503000000106&width=512&height=395&srs=EPSG:4326&format=application/openlayers

Methodology/ Protocol

Processing/ Provenance	As described above
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Important Attributes

MESO_ID	Meso-zone ID
AVG_GRID_C	<i>Pinus elliottii</i> yield estimates, t/ha

References and Sources

[1]	<p>Base Mesozone Dataset: http://196.21.191.61:8085/geoserver/GAP/wms?service=WMS&version=1.1.0&request=GetMap&layers=GAP:meso_2010_base_wgs84&styles=&bbox=16.4519200000285,-34.8341698956937,32.8925317466977,-22.1250300000011&width=512&height=395&srs=EPSG:4326&format=application/openlayers</p>
[2]	<p>Geospatial Analysis Platform. 2015. GAP. [ONLINE] Available at: http://www.gap.csi.co.za/. [Accessed 30 March 2015].</p>
[3]	<p><i>Pinus elliottii</i> Yield Estimates: http://196.21.191.61:8082/geoserver/BEEH_grid/wms?service=WMS&version=1.1.0&request=GetMap&layers=BEEH_grid:mai_pel&styles=&bbox=16.458333,-34.841667,32.908333,-22.141667&width=512&height=395&srs=EPSG:4326&format=application/openlayers</p>
[4]	<p>Schulze, R.E. and Maharaj, M. 2007. <i>Pinus elliottii</i> Growth Areas and Yield Estimation. In: Schulze, R.E. (Ed). 2007. South African Atlas of Climatology and Agrohydrology. Water Research Commission, Pretoria, RSA, WRC Report 1489/1/06, Section 18.6</p>