

Coastal country



| | |
|-------------------------------------|--|
| Landform | Grassland on low plains adjacent to marine plains. |
| Woody vegetation | Predominantly paperbark understorey with coolibah, large leaf cabbage gum, broad-leaved carbeen, figs, beefwood, guttapercha and palms. |
| Expected pasture composition | * Denotes non-native "Expected Pasture Composition" species. |
| Preferred | Golden beard grass, silky browntop, wanderrie grasses, northern rice grass, Australian wild rice, Queensland bluegrass. |
| Intermediate | Cane grass, beetle grass, panic grasses, marine couch, spiny mud grass. |
| Non-preferred | Wiregrasses. |
| Annual grasses | Fire grass, native couch, Australian dropseed, Flinders grass, hare's foot grass. |
| Common forbs | Potato/tomato bushes, beach bean, marsh wort. |
| Suitable sown pastures | Not suitable for sown pastures. |
| Introduced weeds | Rubber vine, parkinsonia, prickly acacia, para grass, grader grass and mesquite. |
| Soil | Shallow, impervious, highly erosive in the subsoil. Red earths, slightly deeper with a range from sandy loams to light clays. |
| Description | Surface: Sandy, fine sandy or silty clay loams or clays, light to grey to greyish brown in the upper portion; Surface texture: sandy loam to clay; Subsoil texture: bleached below; with a sub-soil texture that is a massive structure with hard consistence some presence of carbonate nodules and/or gypsum at shallow depths. |

Features

Surface horizons can be sandy with clay underneath. Often pasture growth is limited to the sandy horizon.

Water availability

Low to moderate.

Rooting depth

Shallow to moderate.

Infiltration

Moderate initially slowing after 20 mm, significant run off expected after 35 mm. Estimates based on low to moderate intensity storm rain. Good soaking rain required to wet the soil profile.

Areas of hard setting soils will have extremely limited infiltration rates. Estimates based on low to moderate intensity storm rain. Good soaking rain or flooding required to wet the soil profile.

Fertility

Low to moderate.

Salinity

Moderate to high.

Sodicity**pH**

Neutral to acid at the surface, varying from strongly alkaline to strongly acidic in the subsoil.

Long-term carrying capacity information (A condition)

Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day

Median annual rainfall 761 – 831 mm

| Pasture type | Median tree cover (TBA m ² /ha) (FPC %) | Median annual pasture growth (DM kg/ha) | Safe annual utilisation pasture growth (%) | LTCC (ha/AE) |
|----------------|--|--|---|-----------------|
| Native species | 0 TBA/FPC | 1370 - 2040 | 15% | 10 - 14 |
| | 6 TBA 15 FPC | 640 - 990 | 15% | 20 – 31 |

Enterprise

Breeding.

Land use and management recommendations

- Use fire judiciously as a management tool to control timber thickening.
- Maintenance of ground cover to minimise shrub invasion and erosion.

Land use limitations

- Hard panning at shallow to moderate depths occurs in some areas.
- Pasture growth is often limited by salts.
- Production may be limited by weedy growth of gutta-percha.

Conservation features and related management

- Seasonal wetland.
- Important feeding sites for birds.

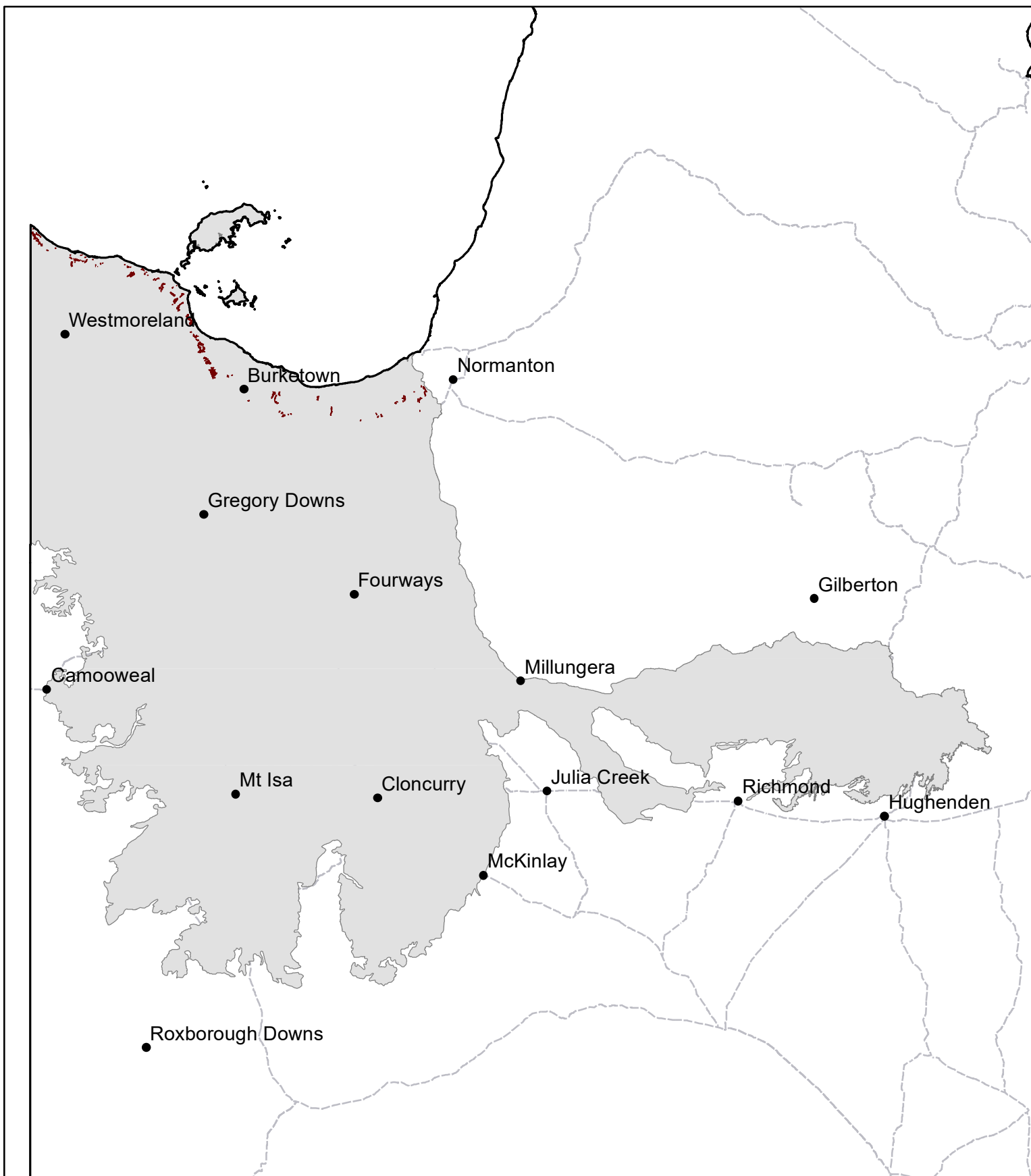
Regional Ecosystems

1.3.5, 1.3.6a-c, 1.3.6e, 1.3.7a-b, 1.3.7f-g, 1.3.9a-b, 2.3.14, 2.3.17d, 2.3.20a, 2.3.20c, 2.3.21b-c, 2.3.59a-b, 2.3.65.

Land Systems

Carpentaria (58) (Perry 1964).

SG03 Coastal country



Area of land type in region: 0.1%
Median rainfall (region): 233 – 831 mm
Average rainfall (region): 271 – 952 mm
Area of land type with FPC: 46%
Median FPC: 15%
Median TBA: 6 m²/ha



Queensland
Government