

Open red country



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|-------------------------------------|---|
| Landform | Outwash plains, erosional plains. Sometimes on gravelly alluvium or limestone ridges. |
| Woody vegetation | Open woodland including snappy gum, western bloodwood, Cloncurry box, silver-leaved box, gidgee and beefwood. Wattles, wait-a-while, cassia and currant bush shrubs are commonly found. |
| Expected pasture composition | * Denotes non-native "Expected Pasture Composition" species. |
| Preferred | Kangaroo grass, forest bluegrass, desert bluegrass, black speargrass, Cloncurry buffel grass*. |
| Intermediate | Bottlewashers grasses, cotton panic, whitegrass, five-minute grass, soft spinifex, silky browntop, golden beard grass, silky oilgrass. |
| Non-preferred | Wiregrasses. |
| Annual grasses | Button grass, wanderrie grasses, native couch, Australian dropseed, small burr grass, comb chloris, rare panic. |
| Common forbs | Foxtails, common bonamia, tickweed, tropical speedwell, sidas, pigweed, soft roly poly, gidgee burrs. |
| Suitable sown pastures | Buffel grass, shrubby stylos (e.g. Seca), Caribbean stylos (e.g. Verano). |
| Introduced weeds | Calotrope, mesquite, parkinsonia, bellyache bush, kapokbush. |
| Soil | A variety of soils, the best being deep loamy red earths. Patches of red clays, texture contrast soils and some skeletal soils. |
| Description | Surface: Loamy with surface crusting and hard-setting; Surface texture: silty loam; Sub-soil texture: light to medium clays. |

Features

Massive surface with soft consistency. Poor structure limits water infiltration during heavier rain. Contains small deposits of shallow skeletal soils. Impermeable surface horizon and hard sub soils.

Water availability

Low to moderate. Water holding capacity and internal drainage low to moderate.

Rooting depth

Low to moderate.

Infiltration

Low during heavier rainfall and moderate during lighter rainfall.

Fertility

Low. Particularly phosphorous.

Salinity

Low.

Sodicity

Low.

pH

Neutral to acidic, possibly changing at depth.

Long-term carrying capacity information (A condition)

| Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day | | | | |
|--|--|--|--|-----------------|
| Median annual rainfall 398 – 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 | 1080 - 2730 | 15% | 7.1 - 18 |
| | 3 TBA 8 FPC | 770 - 2410 | 15% | 8.1 – 25 |

Enterprise

Breeding.

Land use and management recommendations

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

Land use limitations

- Areas of scalding due to overuse.
- Wattle thickening can limit productivity.

Conservation features and related management

- Includes some areas of Lawn Hill National Park.
- Changed fire regimes and heavy grazing can lead to changes in the floristics of the native vegetation.

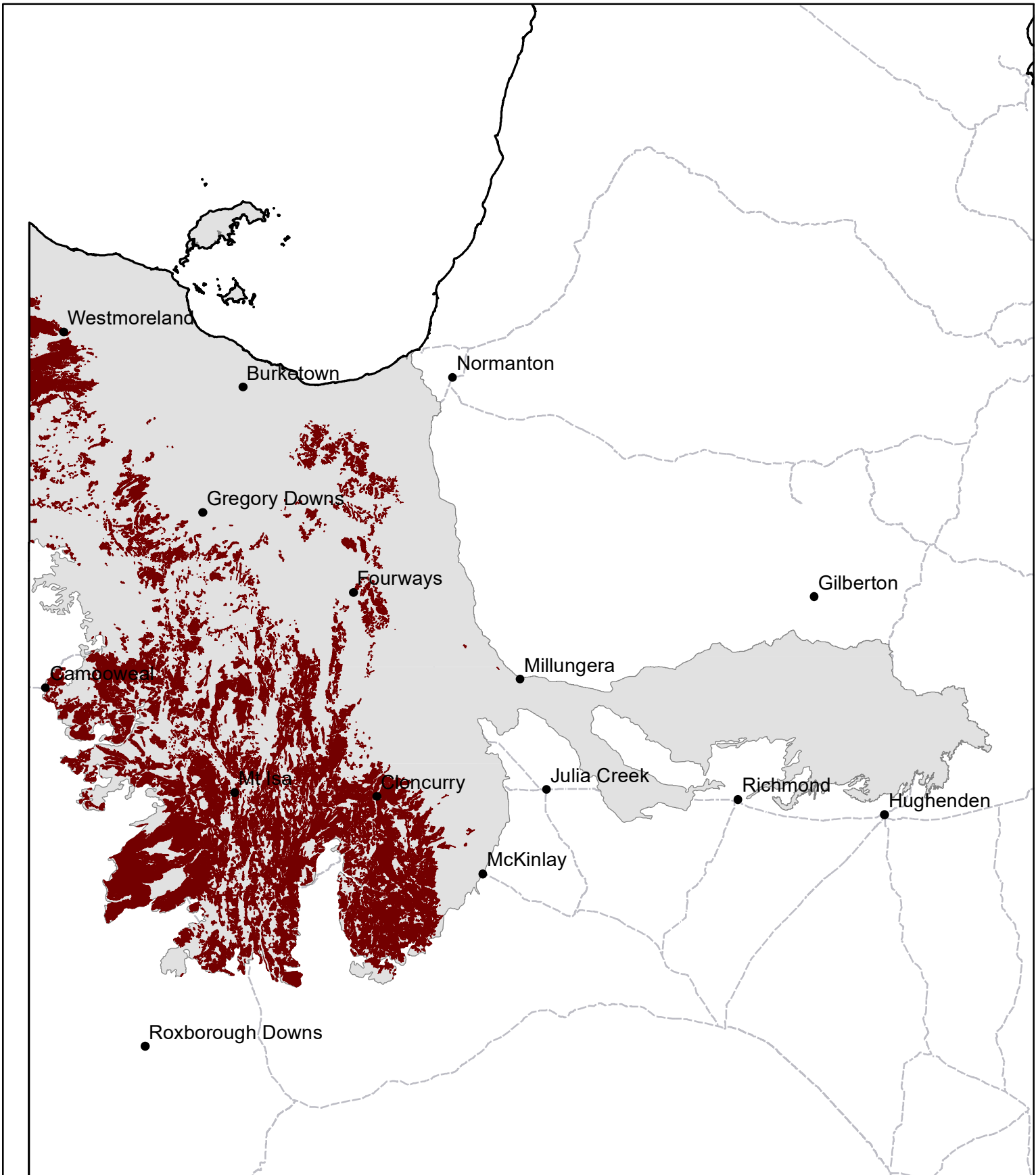
Regional Ecosystems

1.10.2, 1.10.3, 1.10.4a-b, 1.10.6, 1.11.2, 1.11.2a, 1.11.2h-j, 1.11.3a-b, 1.12.1, 1.12.1x5, 1.12.2, 1.5.15, 1.5.16, 1.5.17, 1.5.18, 1.5.19, 1.6.1, 1.9.5b, 2.10.1a, 2.10.4a-b, 2.10.4x3, 2.10.6, 2.10.6x2, 2.11.1a, 2.11.1c, 2.11.1x1, 2.12.1a-b, 2.5.10a-c, 2.5.23a-b, 2.5.35, 2.7.3, 2.7.3x1, 4.5.5b, 4.7.2x1, 4.7.7a-b.

Land Systems

Quamby (34), Percol (47) (Perry 1964).

SG10 Open red country



Area of land type in region: 15%
Median rainfall (region): 233 – 831 mm
Average rainfall (region): 271 – 952 mm
Area of land type with FPC: 64%
Median FPC: 8%
Median TBA: 3 m²/ha



Queensland
Government