

TABLE 7
LAND SYSTEMS

Land System	Parent materials	Land forms	Rainfall (mm)	Vegetation	Dominant soils	Erosion hazard
CENTRAL MALLEE	Reddish aeolian clayey sand (Woorinen Formation)	Dense E--W dunes over plains, hummocks, and ridges	260--315	Hummock grass-mallee on dune crests, mallee elsewhere, with occasional woodland or grassland	Med. - textured calc. grad. soils; reddish-yellow sandy calc. soils	Severe on dunes, slight to moderate elsewhere
BIG DESERT*	White aeolian sand (Lowan Sand)	Dunes, irregular dunes, and sandplains	320--375	Heath, mallee-heath, and scrub-mallee	Deep sands; white sandy calc. soils	Very severe on dunes, severe on sandplains
BERROOK	Lowan Sand	Dunes, irregular dunes, and sandplains	275--300	Scrub-mallee and hummock grass-mallee on dunes, mallee on some sandplains	Deep sands	Very severe on dunes, severe on sandplains
TEMPY	Woorinen Formation	NNW--SSE ridges and plains; E--W dunes dense on ridges, less dense on plains	315--325	Mallee, with hummock grass- or scrub-mallee on dune crests, some woodlands - mostly cleared	Med. - textured calc. grad. soils; reddish-yellow sandy calcareous soils	Very severe on dunes and ridges, slight to moderate on lower sites
HOPETOUN	Woorinen Formation	As for Temy, but dunes weakly developed and fewer	315--350	Mallee, hummock grass-mallee on dune crests, occasional woodlands - mostly cleared	Brownish calc. clays; medium-textured calc. grad. and duplex soils	Very severe on dunes, severe on ridges, slight to moderate on lower sites
BOIGBEAT	Woorinen Formation	Dense hummocks on plains	260--330	Mallee and woodland - mostly cleared	Med. - textured calc. grad. and duplex soils	Severe on hummocks, slight to moderate elsewhere
CULGOA	Woorinen Formation	Scattered hummocks on plains and ridges	325--375	Mallee and occasional woodland - mostly cleared	Brownish calc. clays; medium-textured calc. grad. and duplex soils	Severe on hummocks, slight on plains
MILLEWA	Woorinen Formation	Ridges, plains, hummocks, and dunes	240--270	Big mallee, grassland, saltbush-mallee, and woodland	Med. - textured calc. grad. soils; red sands	Severe on hummocks and dunes, slight to moderate elsewhere
WYCHEPROOF	Woorinen Formation	Plain, occasional drainage line	350--375	Woodland, savannah, and grassland - mostly cleared	Brownish calc. clays; Grey cracking clays	Slight
NED'S CORNER	Woorinen Formation over grey riverine clays	Plain	250	Saltbush	Heavy- and med.-textured calc. duplex soils	Moderate
TYRRELL CREEK	Clay alluvium (Coonambidgal Formation), overlain in some places by sand	Plain, occasional lunette	300--375	Woodland, savannah, and grassland	Grey cracking clays	Severe on lunettes, moderate to slight elsewhere
LINDSAY ISLAND	Coonambidgal Formation, covered by Woorinen Formation in some places	Plain, occasional hummocks, dunes, and lunettes	240--375	Woodland, scrub-mallee on some hummocks	Grey cracking clays	Severe on lunettes and hummocks, slight elsewhere
RAAK	Gypsum and salt deposits (Yamba Formation) often covered with sand	Plains, lunettes, transverse dunes	250--360	Saltbush, grassland, savannah, big mallee, saltbush--mallee	Saline soils	Moderate to severe

* BD1 - dense dunes, small sandplains

BD2 - irregular dunes, large sandplains