



NOTES

This work is Copyright. The Northern Territory Government does not guarantee the map is free from errors and does not accept liability resulting from the use of this map.
 Maps compiled by P. Jolly.
 Cartography by J.Fong, Mapping Unit, Natural Resources Division.
 Base map and cadastral information obtained from the Land Information Division of the Department of Lands, Planning and Environment.
 Published and available from:
 Natural Resources Division,
 Department of Lands, Planning and Environment,
 Goyder Centre, 25 Chung Wah Terrace,
 Palmerston, Northern Territory,
 November 1999.



kilometres 5 0 5 10 15 20 kilometres

Projection - Lambert's Conformal Conic
 Design File: DarReg_GW-Pot_L66.dgn

LEGEND

- Drainage Basin Boundary
- Drainage Basin Number
- Estimated variation in Average Annual Runoff across the Basin (mm)
- Average Annual Basin Runoff or Average Annual Runoff at Gauging Station in Megalitres
- Gauging Station
- Estimated Minimum, Mean and Maximum Annual Runoff for Gauging Station (mm)
- Existing Dam
- Proposed Dam (Dam Site identified and Hydrological studies done)
- National Park Boundary
- Primary road - sealed
- Secondary road - sealed
- Secondary road - unsealed
- Watercourse
- Lake - perennial
- Lake - perennial

HIGH YIELDING GROUNDWATER RESOURCES

AREA	NAME	ANNUAL RECHARGE RANGE (megalitres per hectare)	ESTIMATED AVERAGE ANNUAL RECHARGE RATE (megalitres per hectare)	ESTIMATED AVAILABLE RESOURCES (megalitres)
1A	Middle Point	1.5 to 3	2	8,000
1B	Lambells Lagoon	1.5 to 4	2	16,000
1C	Humpy Doo	0 (where confined) to 4	2.5	15,000
1D	McMinn	1.5 to 4	3	20,000
1E	Howard East	0 (where confined) to 3	1.5	30,000
1F	Gunn Point	Not relevant (confined aquifer)	Not relevant	1,000
2	Holmes Jungle - Palmerston	1.5 to 3	2.5	7,000
3	Berry Springs	1.5 to 3	2.5	15,000
4	Acacia Gap	1 to 3	2	3,000
5	Coomalle Dotomite	1 to 3	2	15,000
6	Marrakal - Woolner	1 to 3	2	40,000
7	Wildman River	1.5 to 3	2.5	80,000
8	Bulgul - Labelle Downs	1.5 to 3	2.5	25,000

LARGE DAMS

DAM SITE	SITE NUMBER	ESTIMATED YIELD (megalitres per year)	DAM STATUS	STORAGE AT FULL SUPPLY LEVEL (megalitres)
Lake Bennett	A6		Existing Dam	2,800
Manton Dam	A3	7,300	Existing Dam	15,000
Upper Manton Dam	A4	8,500	Proposed, Study completed	41,000
Tumbling Waters Reservoir	F4	32,000	Proposed, Study completed	85,000
Batchelor Reservoir	F7	65,700	Proposed, Study completed	110,000
Acacia Gap Reservoir	A2	32,000	Proposed, Study completed	112,000
Darwin River dam	F8	32,850	Existing Dam	259,000
Mt. Bennett Reservoir	F5	175,200	Proposed, Study completed	700,000
Warral Dam	A8	67,000	Proposed, Study completed	780,000
Marrakal Dam	A5	508,000	Proposed, Study completed	2,800,000



NATURAL RESOURCES DIVISION
 RESOURCE ALLOCATION
**GROUNDWATER
 RESOURCE POTENTIAL**
 (GREATER DARWIN AREA)

November 1999