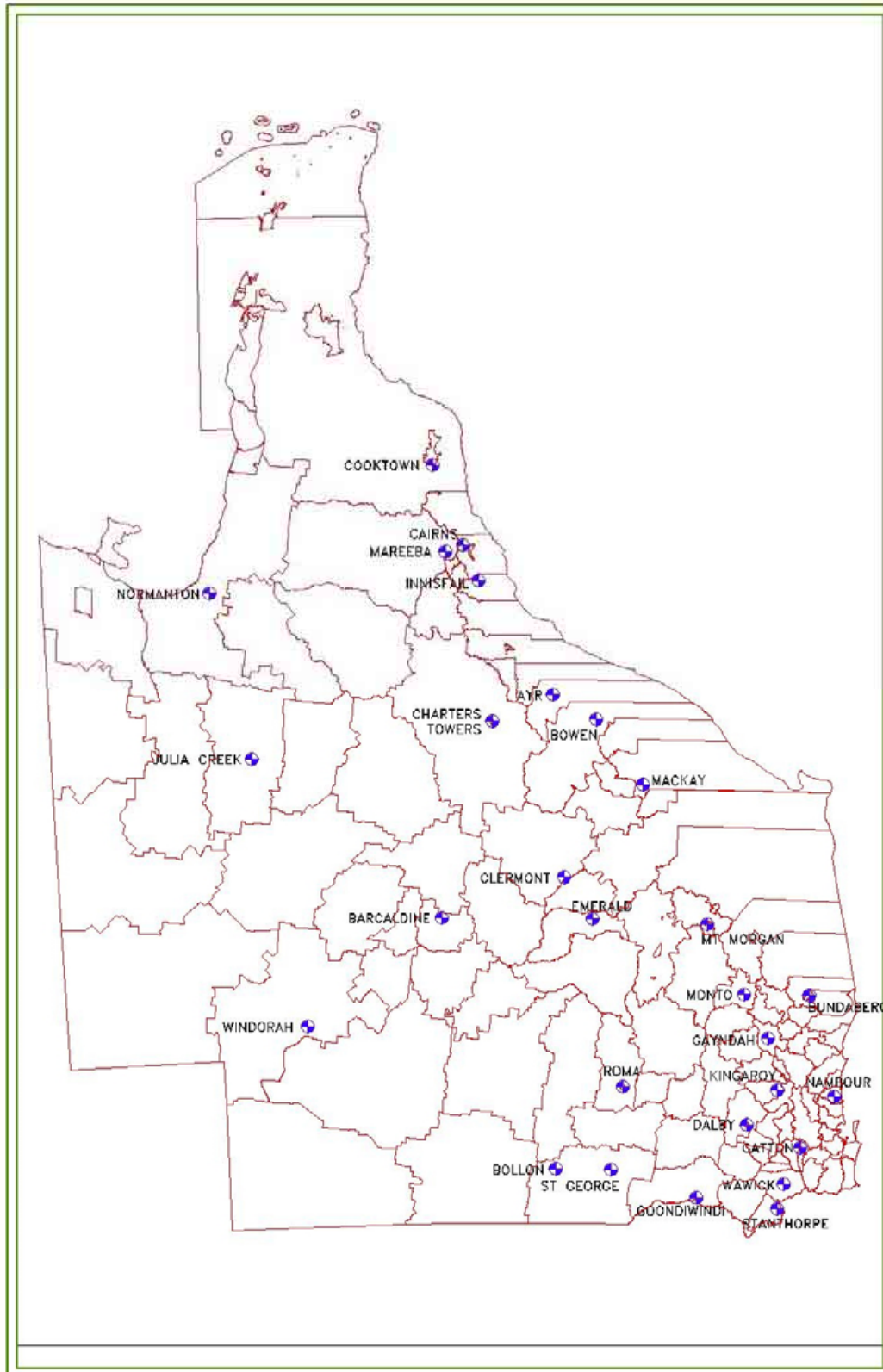


## Attachment 4: Additional figures and tables relating to crop water demand

Figure 1 – Location for assumed crop water demands



**Table 1 – Assumed crop yearly water demand values**

<b>Region</b>	<b>Standard Crop</b>	<b>Total (ML/ha/yr)</b>
AYR	Sugar (est)	12.3
BARCALDINE	Sorghum	6.8
BOLLON	Cotton	10.9
BOWEN	Sugar (est)	11.4
BUNDABERG	Sugar (est)	11.8
CAIRNS	Sugar (est)	11.9
CLERMONT	Cotton	6.3
COOKTOWN	Sugar (est)	12.1
DALBY	Cotton	7.6
EMERALD	Cotton	9.5
GATTON	Carrots	5.5
GOONDIWINDI	Cotton	8.8
INNISFAIL	Sugar (est)	8.6
JULIA CREEK	Sorghum	7.6
KINGAROY	Peanuts	5.6
MACKAY	Sugar (est)	10.2
MAREEBA	Sugar (est)	12.5
MONTO	Sorghum	4.6
MOUNT MORGAN	Lucerne	11.0
NAMBOUR	Sugar (est)	10.7
ROMA	Cotton	10.0
ST GEORGE	Cotton	10.1
STANTHORPE	Carrots	4.5
WARWICK	Lucerne	11.3

NOTE: Demand has been calculated using local climatic data (evaporation) and the crop factors for the most commonly grown crop in the particular area (FAO:56).

**Table 2 – Assumed monthly crop water demand values**

Region	Standard Crop	Jan (ML/ha)	Feb (ML/ha)	May (ML/ha)	Apr (ML/ha)	May (ML/ha)	Jun (ML/ha)	July (ML/ha)	Aug (ML/ha)	Sep (ML/ha)	Oct (ML/ha)	Nov (ML/ha)	Dec (ML/ha)	Total (ML/ha/yr)
AYR	Sugar (est)	1.34	1.02	0.99	0.84	0.78	0.75	0.82	0.90	1.03	1.20	1.23	1.37	12.3
BARCALDINE	Sorghum	1.06	1.60	2.25	1.21	0.70								6.8
BOLLON	Cotton	2.01	0.44							0.72	1.67	3.24	2.83	10.9
BOWEN	Sugar (est)	1.44	1.17	1.11	0.84	0.61	0.59	0.64	0.73	0.84	1.08	1.35	0.99	11.4
BUNDABERG	Sugar (est)	1.41	1.13	0.99	0.78	0.68	0.64	0.73	0.87	0.96	1.08	1.16	1.34	11.8
CAIRNS	Sugar (est)	1.37	1.11	1.06	0.82	0.71	0.59	0.66	0.80	0.91	1.08	1.28	1.46	11.9
CLERMONT	Cotton	0.87	0.20							0.59	1.25	2.01	1.43	6.3
COOKTOWN	Sugar (est)	1.27	1.00	1.01	0.91	0.78	0.64	0.68	0.80	1.00	1.23	1.35	1.44	12.1
DALBY	Cotton	1.34	0.30							0.59	1.23	2.28	1.85	7.6
EMERALD	Cotton	1.55	0.34							0.80	1.67	2.91	2.19	9.5
GATTON	Carrots							0.54	0.78	1.18	1.46	1.53		5.5
GOONDIWINDI	Cotton	1.72	0.39							0.60	1.37	2.61	2.14	8.8
INNISFAIL	Sugar (est)	1.11	0.89	0.80	0.59	0.45	0.36	0.45	0.54	0.62	0.75	0.93	1.11	8.6
JULIA CREEK	Sorghum	1.06	1.53	2.51	1.61	0.92								7.6
KINGAROY	Peanuts	1.21	0.70								0.66	1.21	1.80	5.6
MACKAY	Sugar (est)	1.15	0.87	0.75	0.57	0.52	0.57	0.61	0.75	0.91	1.08	1.16	1.23	10.2
MAREEBA	Sugar (est)	1.18	0.94	0.82	0.75	0.71	0.71	0.78	0.94	1.12	1.48	1.53	1.51	12.5
MONTO	Sorghum	0.73	1.08	1.45	0.83	0.48								4.6
MOUNT MORGAN	Lucerne	1.39	1.09	1.04	0.89	0.78	0.08	0.08	0.10	1.07	1.32	1.55	1.58	11.0
NAMBOUR	Sugar (est)	1.15	0.83	0.80	0.68	0.59	0.57	0.66	0.85	1.00	1.08	1.21	1.27	10.7
ROMA	Cotton	1.79	0.41							0.73	1.61	3.00	2.46	10.0
ST GEORGE	Cotton	1.87	0.43							0.70	1.55	3.00	2.54	10.1
STANTHORPE	Carrots							0.43	0.63	0.96	1.17	1.35		4.5
WARWICK	Lucerne	1.65	1.21	1.13	0.91	0.66	0.06	0.07	0.09	1.00	1.25	1.46	1.79	11.3

NOTE: Demand has been calculated using local climatic data (evaporation) and the crop factors for the most commonly grown crop in the particular area (FAO 56).