



Report card

from Campbell, S.J. and McKenzie, L.J. (2001). *Community-based monitoring of intertidal seagrass meadows in Hervey Bay and Whitsunday, 1998-2001. DPI Information Series QI01090 (DPI, Cairns) 32 pp.*

Category	★ <i>Poor state</i>	★★★ <i>Fair state</i>	★★★★★ <i>Good state</i>
Trend in seagrass abundance	Trend in seagrass abundance has severely declined successively between months (<i>after 12 months abundance is significantly lower from time 0</i>) and shown greater than 75% loss with little sign of recovery. No seasonal signals.	Trend in seagrass abundance has declined successively between months (<i>after 12 months abundance is significantly lower from time 0</i>) and shown less than 50% loss.	Typical seasonal trend in seagrass abundance (<i>after 12 months abundance is not significantly different from time 0</i>) with less than 10% loss.
Canopy height	Little or no grazing and canopy height has severely declined between months (<i>after 12 months abundance is significantly lower from time 0</i>) and greater than 75% reduction with little sign of recovery.	Canopy height has declined successively between months (<i>after 12 months abundance is significantly lower from time 0</i>) and shown less than 50% reduction.	Typical trend in canopy height (<i>after 12 months abundance is not significantly different from time 0</i>) with less than 10% reduction.
Species composition	Dominant species has severely declined successively between months (<i>after 12 months abundance is significantly lower from time 0</i>) and greater than 75% loss with little sign of recovery.	Dominant species has declined successively between months (<i>after 12 months abundance is significantly lower from time 0</i>) and less than 50% loss.	Dominant species has changed less than 10% in species composition (<i>after 12 months composition is not significantly different from time 0</i>).
Algal cover	Excessive algal growth (>50% cover) persistent over 12 month period (<i>algal abundance significantly increased successively between months</i>)	Algal growth (10-30% cover) not persistent over 12 month period.	Low cover of algae (0-20%) with/without seasonal peaks in algal abundance.
Epiphytes	High epiphyte cover (>50%) persistent over 12 month period, blue/green and filamentous algae present	Moderate cover of epiphytes (10-50%).	Epiphyte cover less than 20% with/without seasonal peaks in abundance.
Associated fauna	Reduction in fauna abundance greater than 50% over 12 month period, significant changes in faunal feeding groups.	Reduction in fauna abundance greater than 20% over 12 month period.	Consistent abundance/presence of faunal feeding groups, change in faunal abundance less than 10% over 12 month period.
Herbivore disturbance	High increase in frequency of dugong trails.	Moderate increase in frequency of dugong trails.	No change in frequency of dugong trails .
Physical disturbance	Distinct changes in sediment composition, high sediment movement resulting in erosion, increase rippling, reduction in pooled areas, reduction in yabby holes.	Moderate level of sediment compositional change and movement.	No changes in sediment composition and movement.