

	Site	Intake height (m)	Mean seasonal amplitude (ppm)	Mean growth rate (ppm yr <sup>-1</sup> )
CO <sub>2</sub>	BSD	42	18 ± 2	3
		108	18 ± 1	3
		248	18 ± 1	3
	HFD	50	11 ± 6	3
		100	13 ± 5	3
	RGL	45	16 ± 2	3
		90	17 ± 2	3
	TAC	54	17 ± 2	3
		100	18 ± 2	3
		185	18 ± 2	2
	TTA	222	16 ± 1	2
	CH <sub>4</sub>	BSD	42	57 ± 7
108			56 ± 2	8
248			41 ± 4	7
HFD		50	70 ± 40	6
		100	60 ± 10	7
RGL		45	70 ± 20	8
		90	60 ± 10	8
TAC		54	70 ± 20	9
		100	70 ± 20	9
		185	60 ± 10	8
TTA		222	31 ± 9	13
N <sub>2</sub> O		BSD	108	0.8 ± 0.3
	HFD	100	1.0 ± 0.4	0.9
	RGL	90	1.2 ± 0.3	0.9
	TAC	100	0.6 ± 0.3	1.0