

Stratified period	CH ₄ flux (nmol m ⁻² s ⁻¹)			
	All	Day	Night	<i>U</i> test
BLM <i>k</i> _{HE}	0.21 ^{+0.12} _{-0.06}	0.177 (±0.005)	0.431 (±0.008)	<i>h</i> = 1, <i>p</i> = 0.0004
BLM <i>k</i> _{TE}	0.26 ^{+0.16} _{-0.13}	0.370 (±0.011)	0.439 (±0.007)	<i>h</i> = 0
BLM <i>k</i> _{CC}	0.12 ^{+0.05} _{-0.04}	0.128 (±0.003)	0.186 (±0.004)	<i>h</i> = 1, <i>p</i> = 0.02
EC	0.51 ^{+0.34} _{-0.34}	0.41 (±0.04)	0.34 (±0.04)	<i>h</i> = 0
FC	1.77 ^{+0.82} _{-0.78}	2.4 (±0.3)	1.1 (±0.2)	<i>h</i> = 1, <i>p</i> = 0.002
Mixing period	CH ₄ flux (nmol m ⁻² s ⁻¹)			
	All	Day	Night	<i>U</i> test
BLM <i>k</i> _{HE}	4.34 ^{+9.81} _{-3.35}	7.1 (±0.6)	6.6 (± 0.5)	<i>h</i> = 0
BLM <i>k</i> _{TE}	4.73 ^{+9.41} _{-3.15}	7.7 (±0.6)	7.1 (± 0.5)	<i>h</i> = 0
BLM <i>k</i> _{CC}	1.65 ^{+5.50} _{-1.04}	3.7 (±0.3)	2.8 (± 0.2)	<i>h</i> = 0
EC	4.80 ^{+3.34} _{-2.28}	5.9 (±0.3)	5.0 (±0.4)	<i>h</i> = 1, <i>p</i> = 0.02