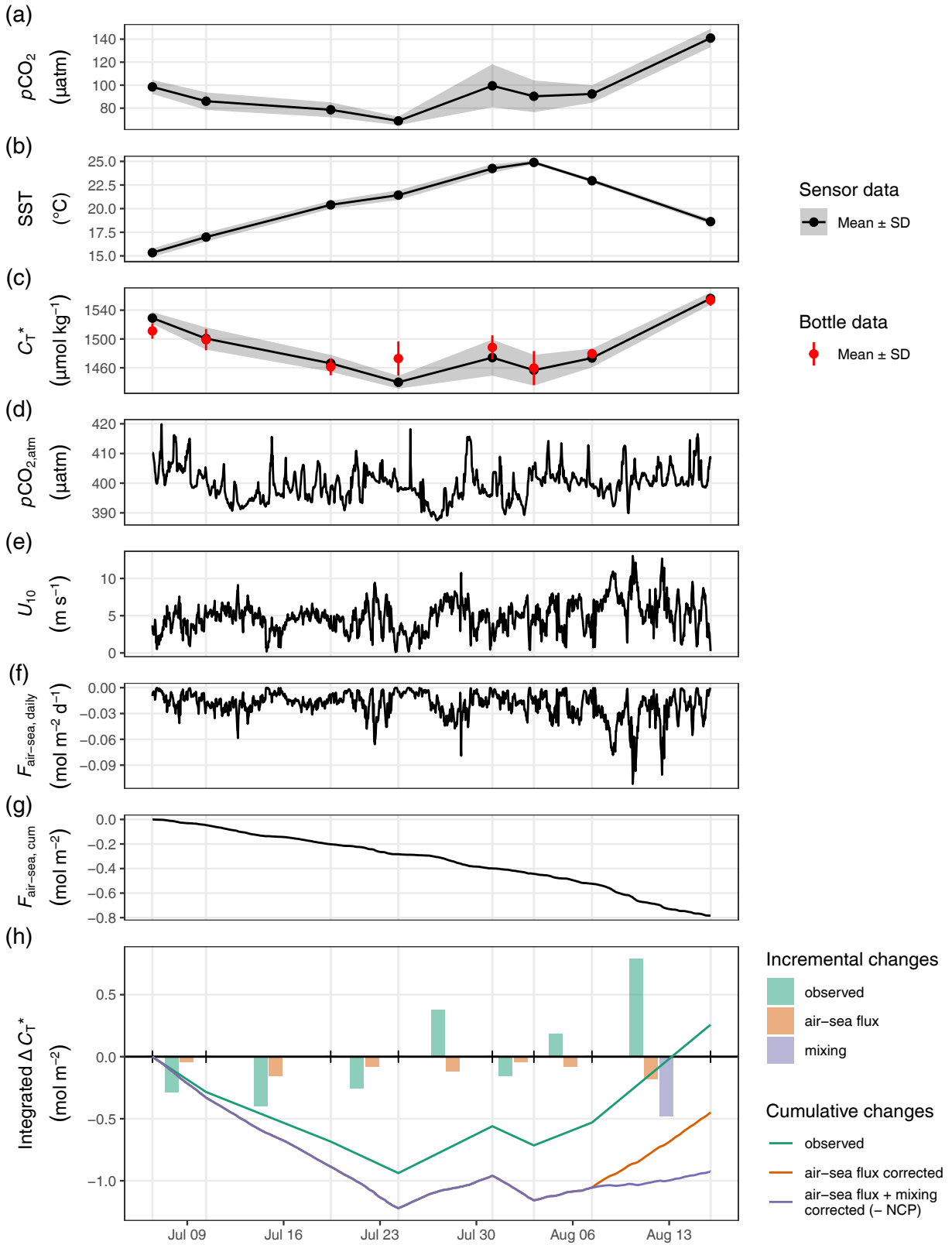
(a)
pCO2 (µatm)
140
120
100
80
(b)
SST (°C)
25.0
22.5
20.0
17.5
15.0
(c)
CT* (µmol kg−1)
1540
1500
1460
(d)
pCO2,atm (µatm)
420
410
400
390
(e)
U10 (m s−1)
10
5
0
(f)
Fair−sea, daily (mol m−2 d−1)
0.00
−0.03
−0.06
−0.09
(g)
Fair−sea, cum (mol m−2)
0.0
−0.2
−0.4
−0.6
−0.8
(h)
Integrated Δ CT* (mol m−2)
0.5
0.0
−0.5
−1.0
Jul 09
Jul 16
Jul 23
Jul 30
Aug 06
Aug 13
Sensor data
Mean ± SD
Bottle data
Mean ± SD
Incremental changes
observed
air−sea flux
mixing
Cumulative changes
observed
air−sea flux corrected
air−sea flux + mixing corrected (− NCP)