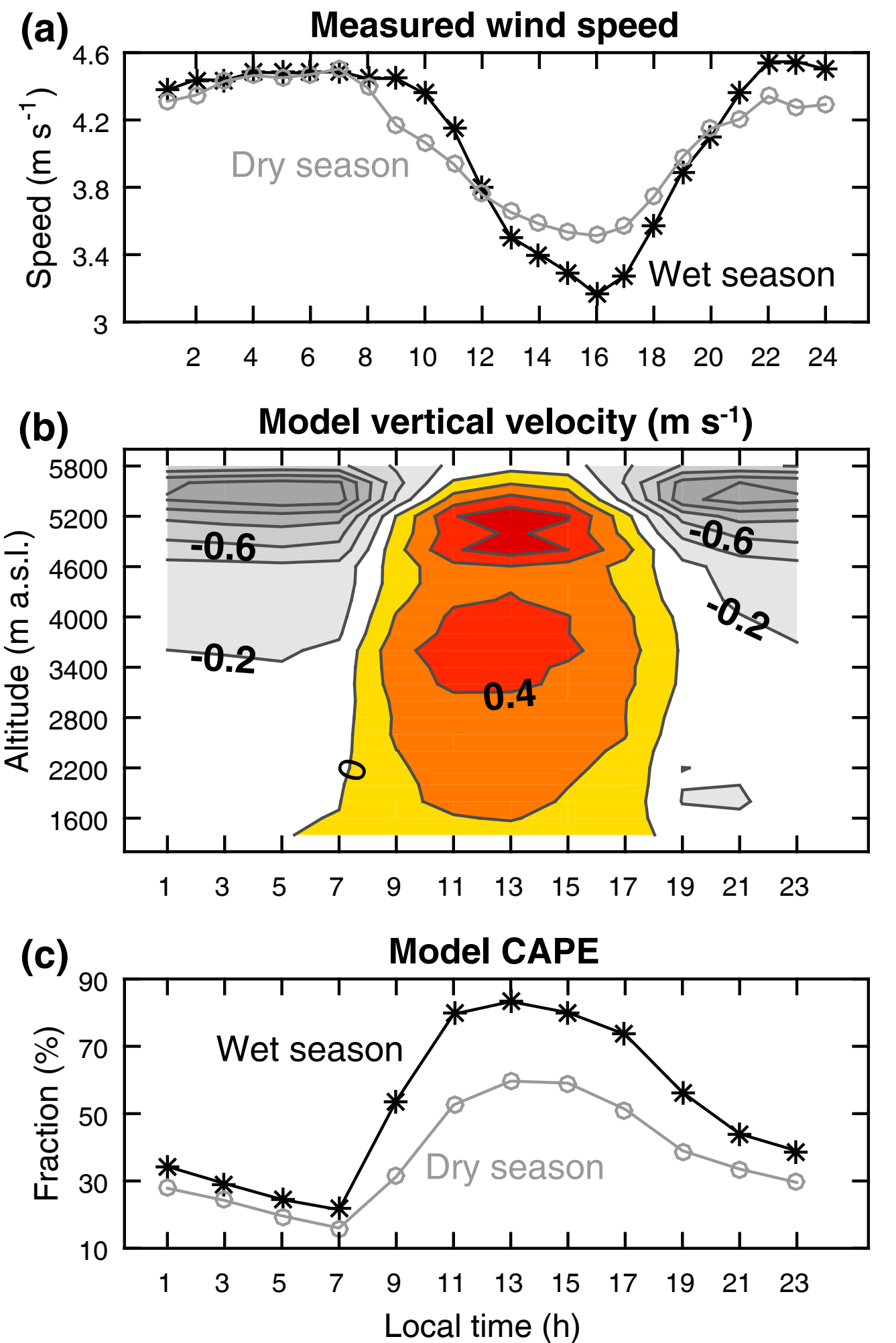
(a)
Measured wind speed
Speed (m s-1)
4.6
4.2
3.8
3.4
3
Dry season
Wet season
2
4
6
8
10
12
14
16
18
20
22
24
(b)
Model vertical velocity (m s-1)
Altitude (m a.s.l.)
5800
5200
4600
4000
3400
2800
2200
1600
-0.6
-0.2
0.4
0
-0.6
-0.2
1
3
5
7
9
11
13
15
17
19
21
23
(c)
Model CAPE
Fraction (%)
90
70
50
30
10
Wet season
Dry season
1
3
5
7
9
11
13
15
17
19
21
23
Local time (h)