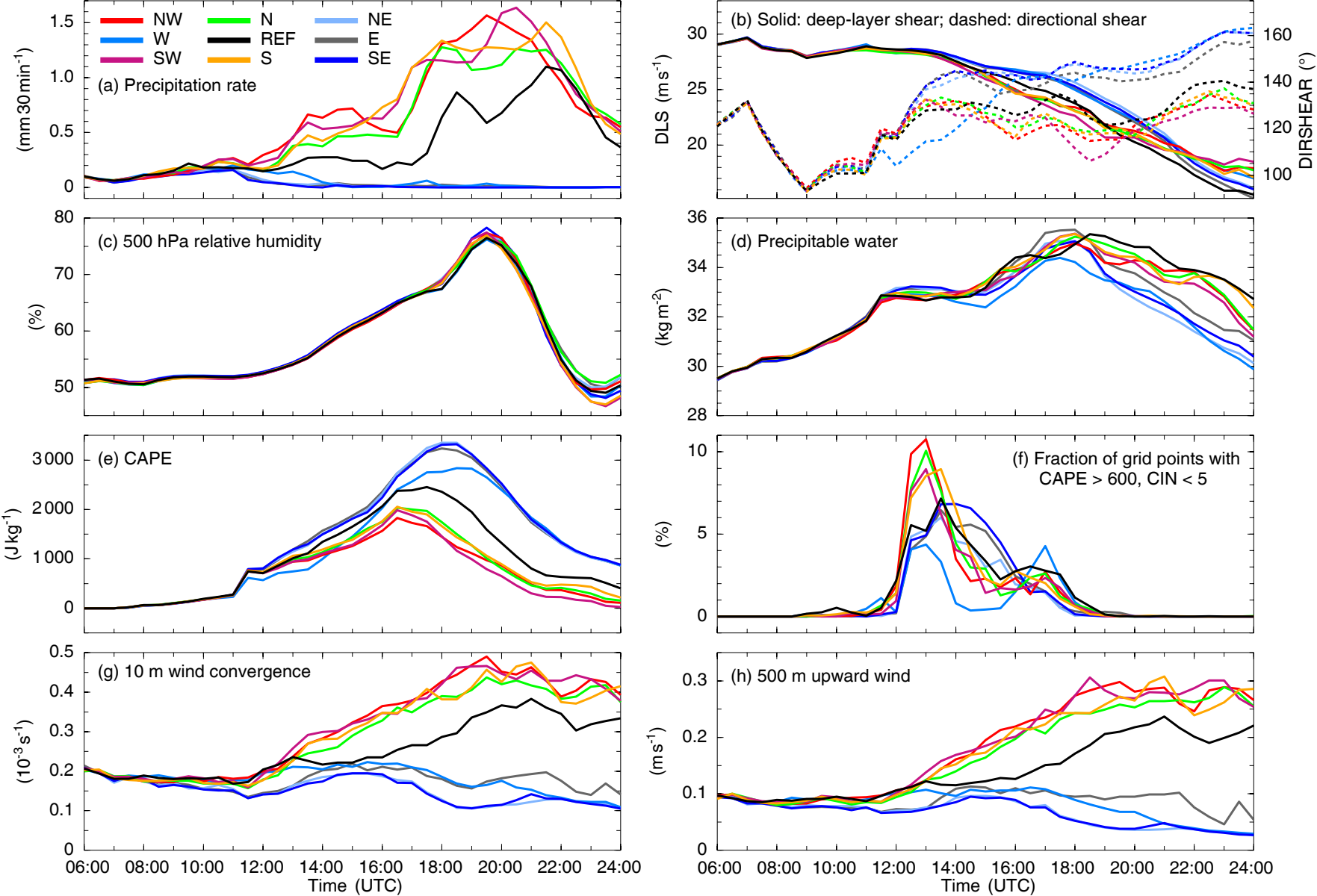
NW
W
SW
N
REF
S
NE
E
SE
(a) Precipitation rate
(mm 30 min-1)
(b) Solid: deep-layer shear; dashed: directional shear
DLS (m s-1)
DIRSHEAR (°)
(c) 500 hPa relative humidity
(%)
(d) Precipitable water
(kg m-2)
(e) CAPE
(J kg-1)
(f) Fraction of grid points with CAPE > 600, CIN < 5
(%)
(g) 10 m wind convergence
(10-3 s-1)
(h) 500 m upward wind
(m s-1)
06:00
08:00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
24:00
Time (UTC)