(a) 2 m temperature
(b) surface skin temperature
(c) air-surface temperature difference
(d) specific humidity
(e) eastward turbulent surface stress

condensation (49 %)

turbulent momentum (38 %)

convection (10 %)

(f) (g) (h) (i) (j)

(k) (l) (m) (n) (o)

T2m (°C)
0 2 4 6 8 10 12 14 16

SKT (°C)
0 2 4 6 8 10 12 14 16

T2m - SKT (K)
-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6

Q (g kg^{-1})
2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8

ETSS (N m^{-2} s)
-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4