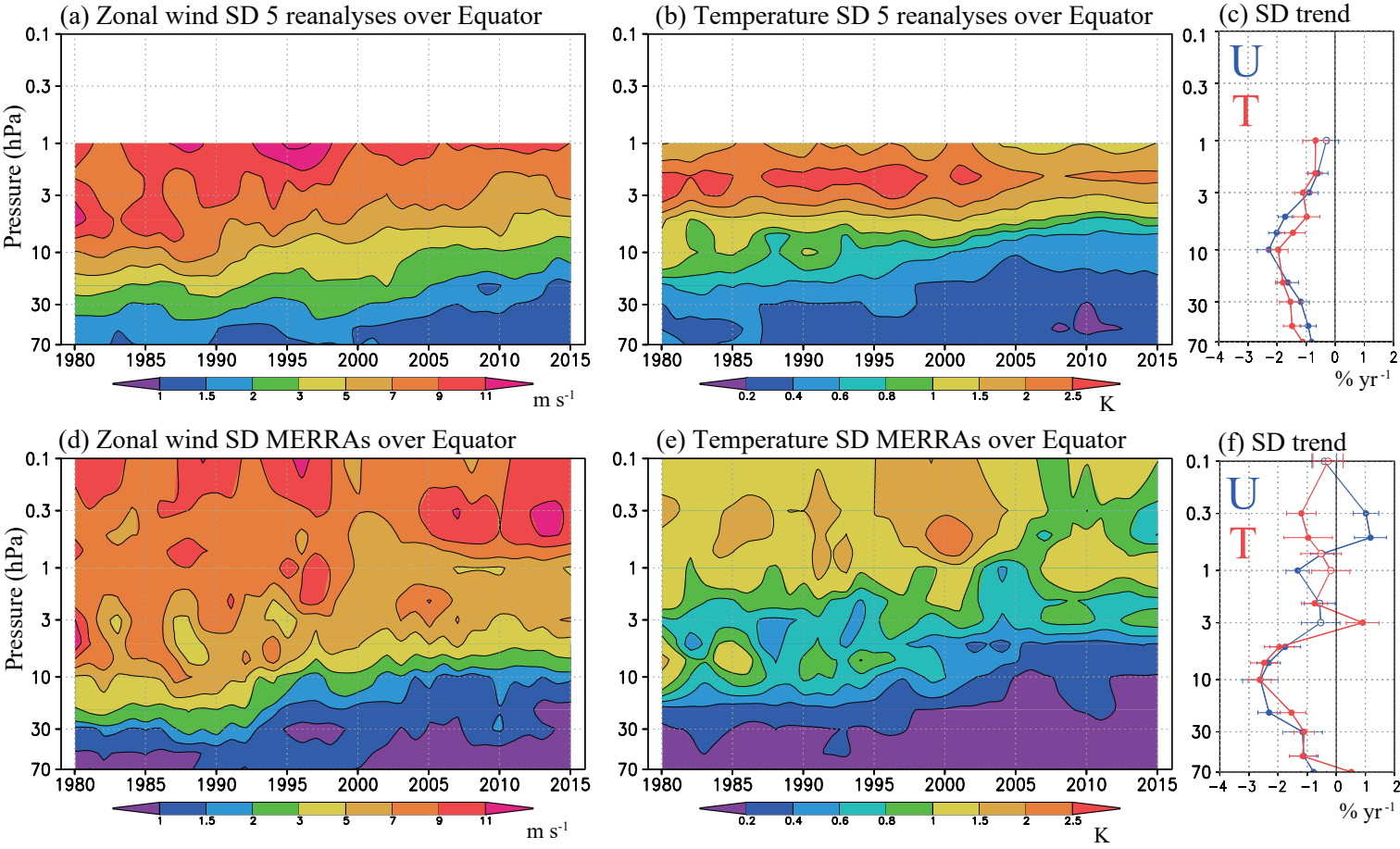
(a) Zonal wind SD 5 reanalyses over Equator
(b) Temperature SD 5 reanalyses over Equator
(c) SD trend
(d) Zonal wind SD MERRAs over Equator
(e) Temperature SD MERRAs over Equator
(f) SD trend
Pressure (hPa)
0.1
0.3
1
3
10
30
70
1980
1985
1990
1995
2000
2005
2010
2015
1
1.5
2
3
5
7
9
11
m s-1
0.2
0.4
0.6
0.8
1
1.5
2
2.5
K
U
T
−4
−3
−2
−1
0
1
2
% yr-1