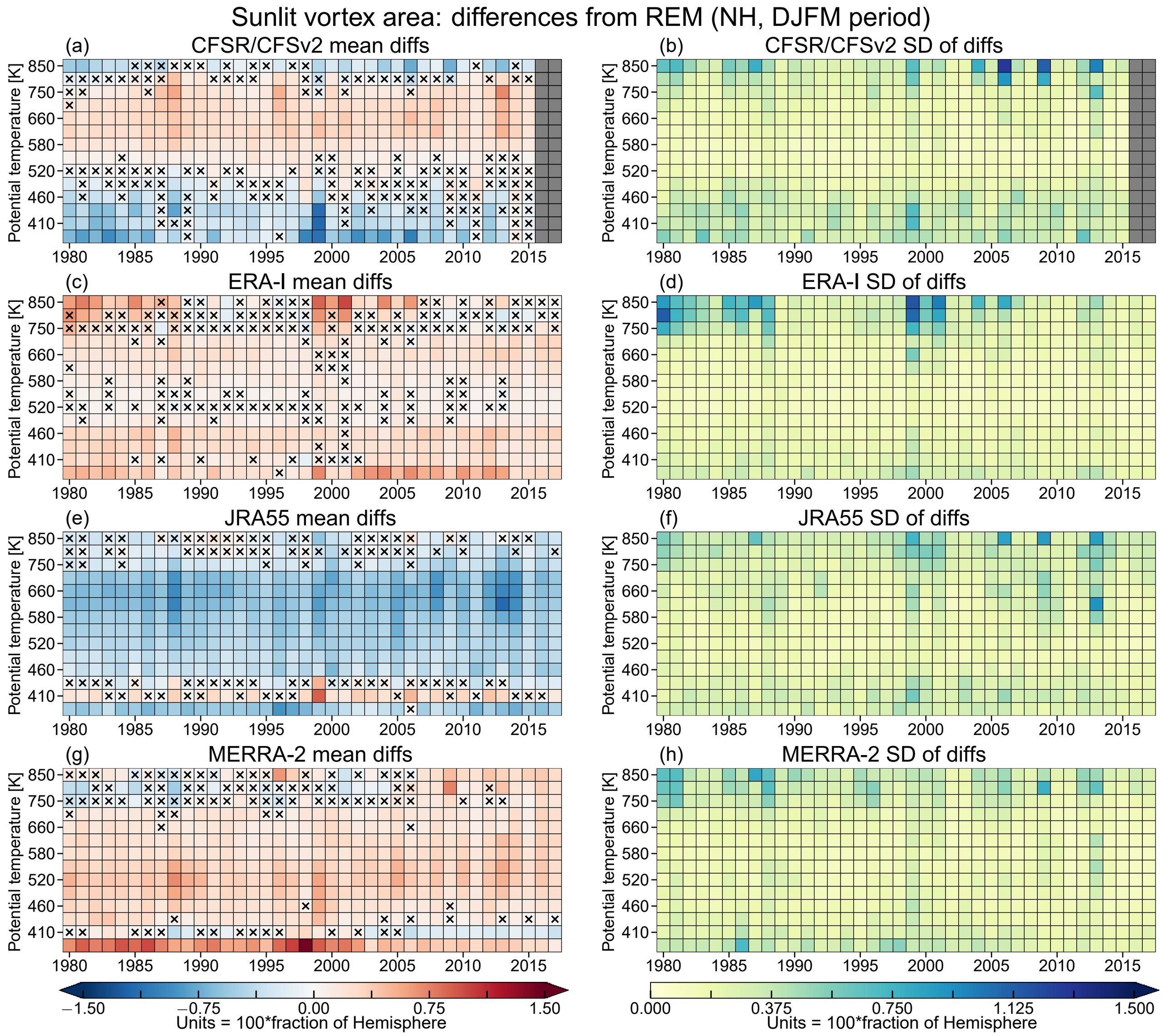
Sunlit vortex area: differences from REM (NH, DJFM period)
(a) CFSR/CFSv2 mean diffs
(b) CFSR/CFSv2 SD of diffs
(c) ERA-I mean diffs
(d) ERA-I SD of diffs
(e) JRA55 mean diffs
(f) JRA55 SD of diffs
(g) MERRA-2 mean diffs
(h) MERRA-2 SD of diffs
Potential temperature [K]
850
750
660
580
520
460
410
1980
1985
1990
1995
2000
2005
2010
2015
−1.50
−0.75
0.00
0.75
1.50
Units = 100*fraction of Hemisphere
0.000
0.375
0.750
1.125
1.500
Units = 100*fraction of Hemisphere