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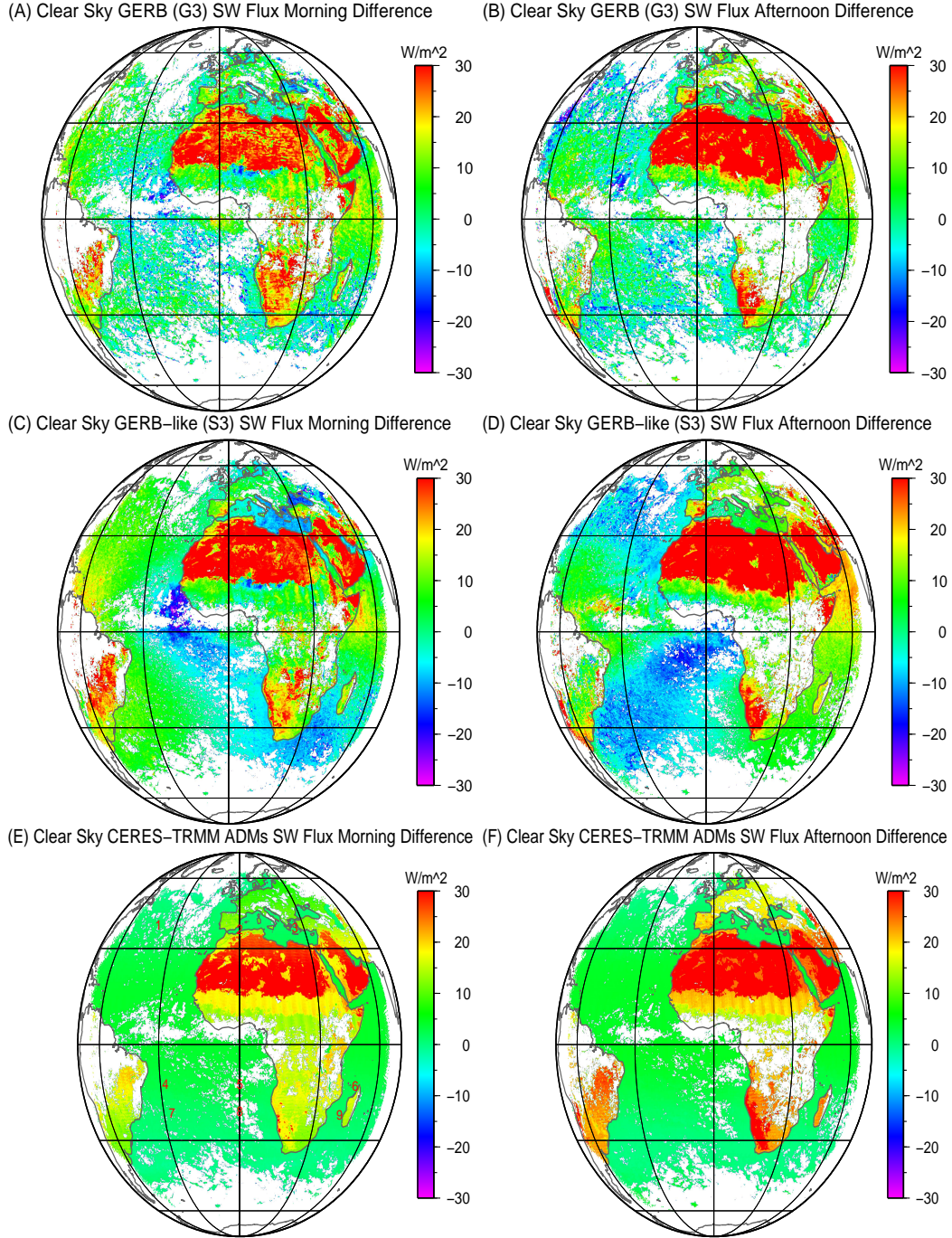


Fig. 1. Monthly mean (for April 2004) clear sky SW flux differences between the 3x3 SEVIRI pixel footprints SW flux values at local noon and at local noon \pm 2 hours. Panel A exhibits the difference between the GERB flux ($F_{GERB/3*SEVIRI}$) value at local noon and at local noon minus 2 hours while panel B displays the flux difference between the local noon and local noon plus 2 hours. The same is shown in panels C and D for the GERB-like SEVIRI fluxes ($F_{3*SEVIRI}$). Similarly, panels E and F give the corresponding clear sky CERES-TRMM ADMs SW flux differences at local noon \pm 2 hours. The flux difference is given in $W\ m^{-2}$. Also indicated in panel E are the geographical locations of the nine selected ocean footprints in the SEVIRI field-of-view: (1) [38.74N, 41.08W], (2) [37.00N, 0.00E], (3) [37.70N, 25.41E], (4) [11.97S, 28.09W], (5) [11.69S, 0.00E], (6) [12.43S, 46.78E], (7) [20.80S, 26.62W], (8) [20.36S, 0.00E] and (9) [21.37S, 41.29E].