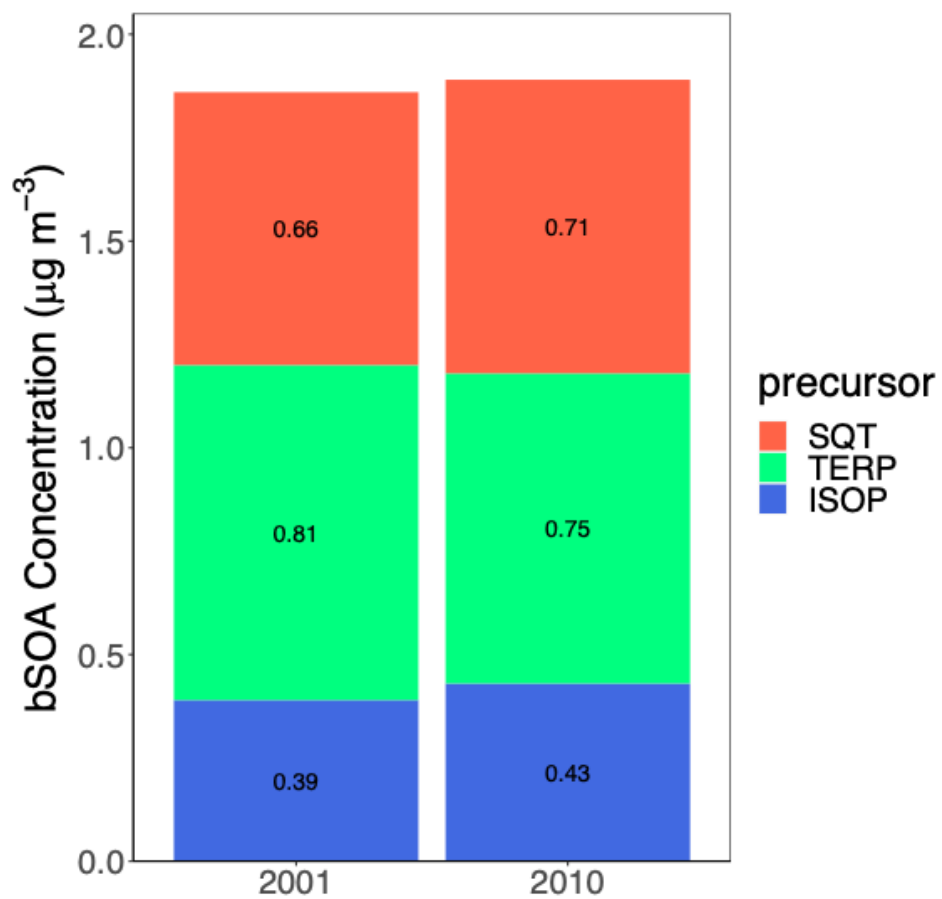


1
2 **Figure S1:** Average surface level temperature in the summer of (a) 2001 and (b) 2010. Average
3 temperature was higher in the summer of 2010, promoting increases in predicted emissions of
4 biogenic VOCs by MEGANv3.



5
6 **Figure S2:** Predicted average summer bSOA concentration in the southeast US, resolved by
7 biogenic precursor source. Isoprene and sesquiterpene OA increased slightly, while monoterpene
8 OA decreased slightly from 2001 to 2010.