



Supplement of

Dimethyl sulfide and its role in aerosol formation and growth in the Arctic summer – a modelling study

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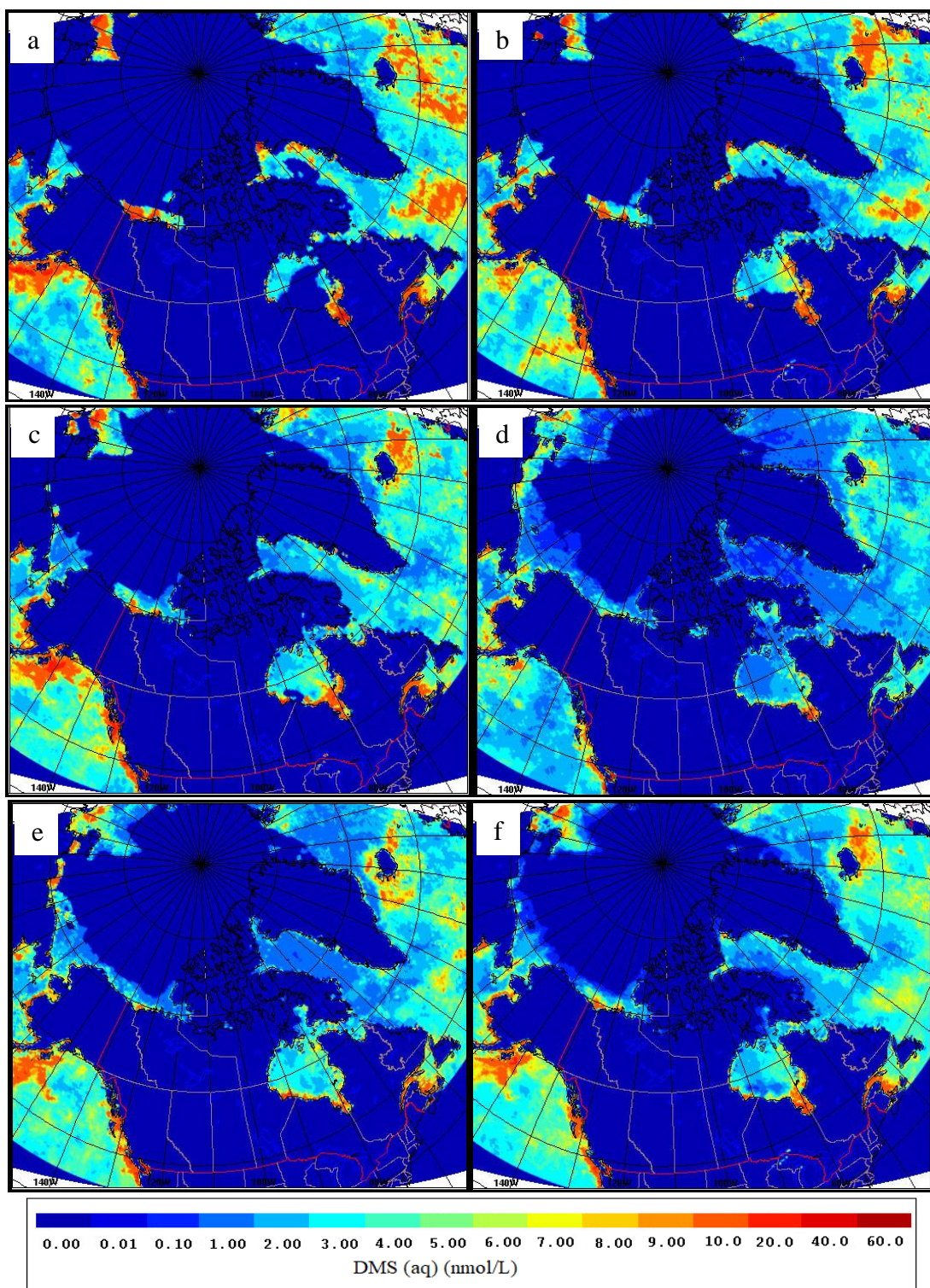


Figure S1: SAT DMS(aq) (nmol/L) for a. July 1st to 3rd, b. July 4th to 11th, c. July 12th to 19th, d. July 20th to July 27th, e. July 28th to August 4th, and f. August 5th to 8th, 2014.

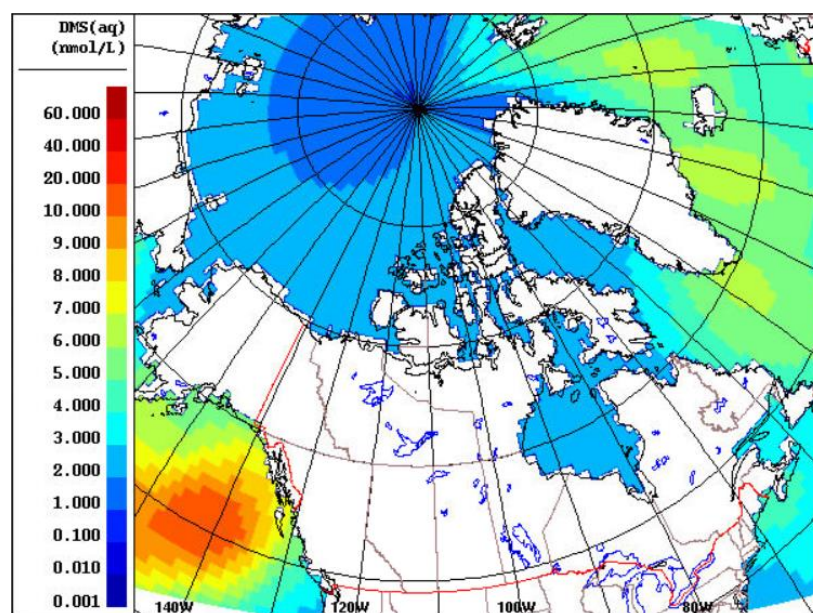


Figure S2: August average of the CLIM11 DMS(aq) concentrations (nmol/L).

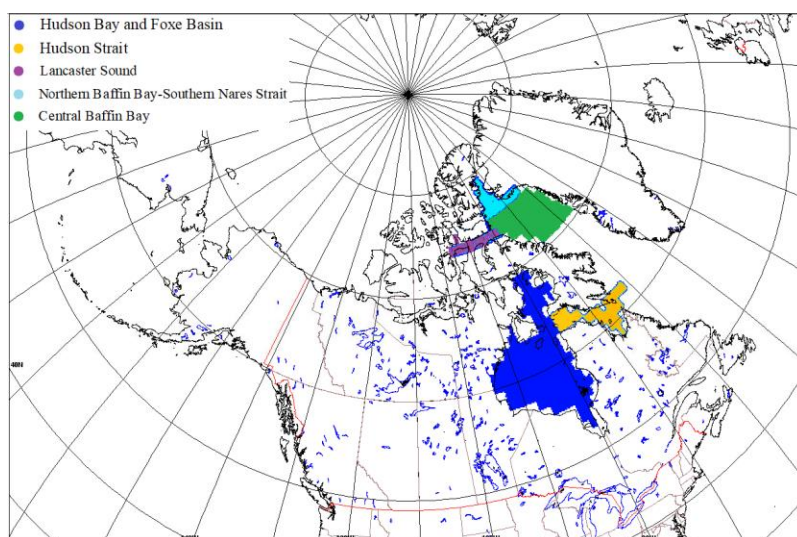


Figure S3. Locations with the updated CLIM11 DMS(aq) concentration values for the HS-HB and CLIM11+ave-Obs sensitivity runs.

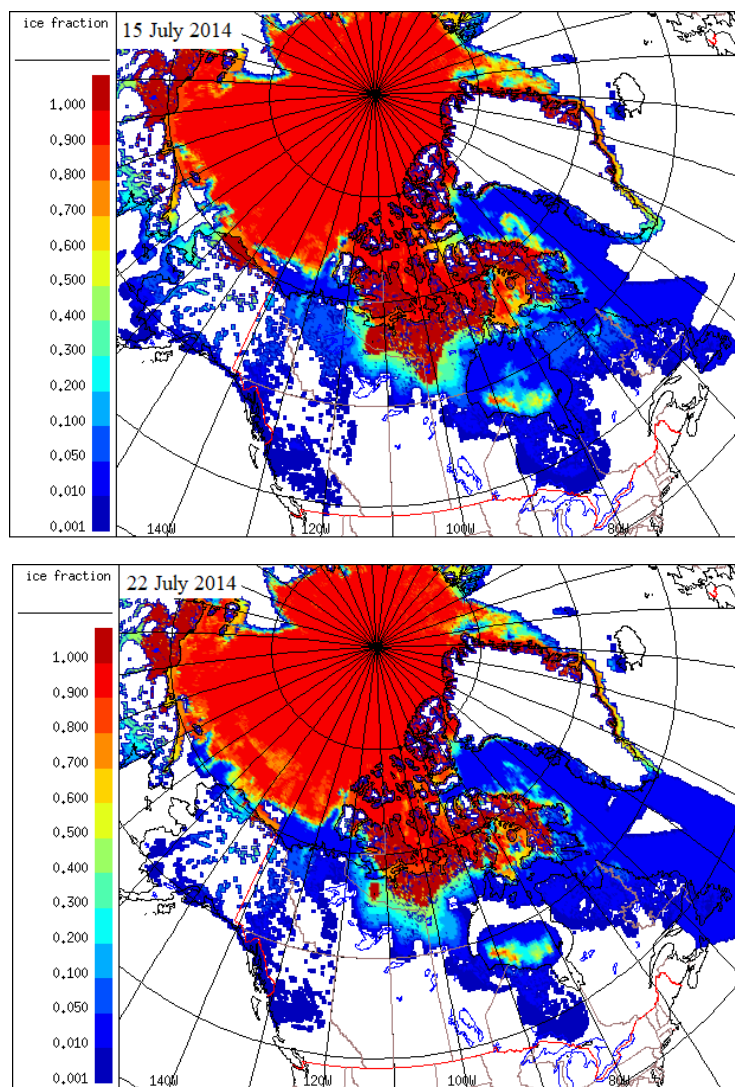


Figure S4: Ice fraction for July 15th (upper panel) and July 22nd (lower panel), 2014.