

Figure S1 The tracks of three typhoons, taken from http://en.wikipedia.org/wiki/2010_Pacific_typhoon_season . During their passages, their outer circulations' precipitating clouds had caused rain on Dongsha Island (shown as red star).

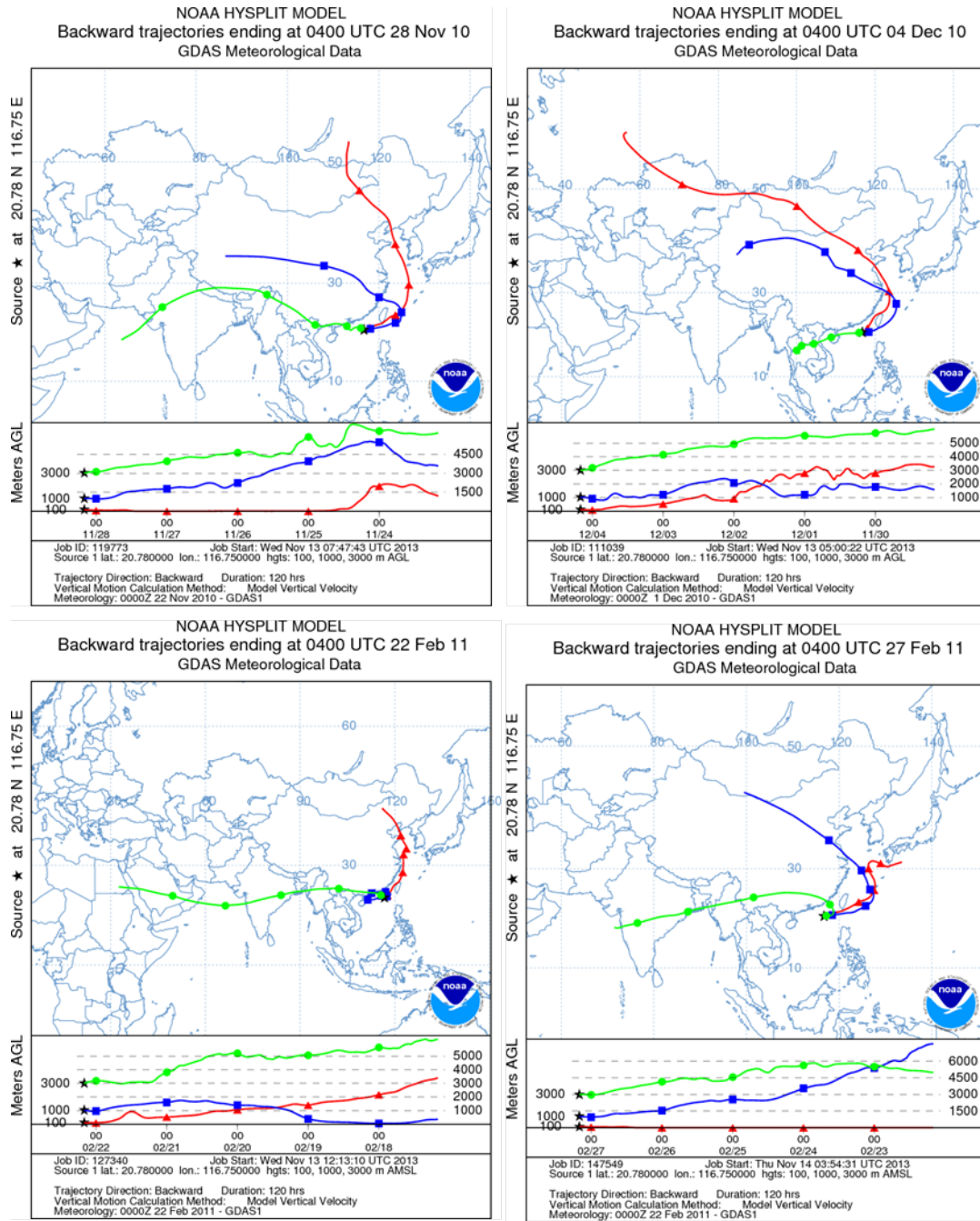


Figure S2 Typical 5-day wintertime trajectories at three elevations, 100, 1000 and 3000 m, arriving at Dongsha Island.

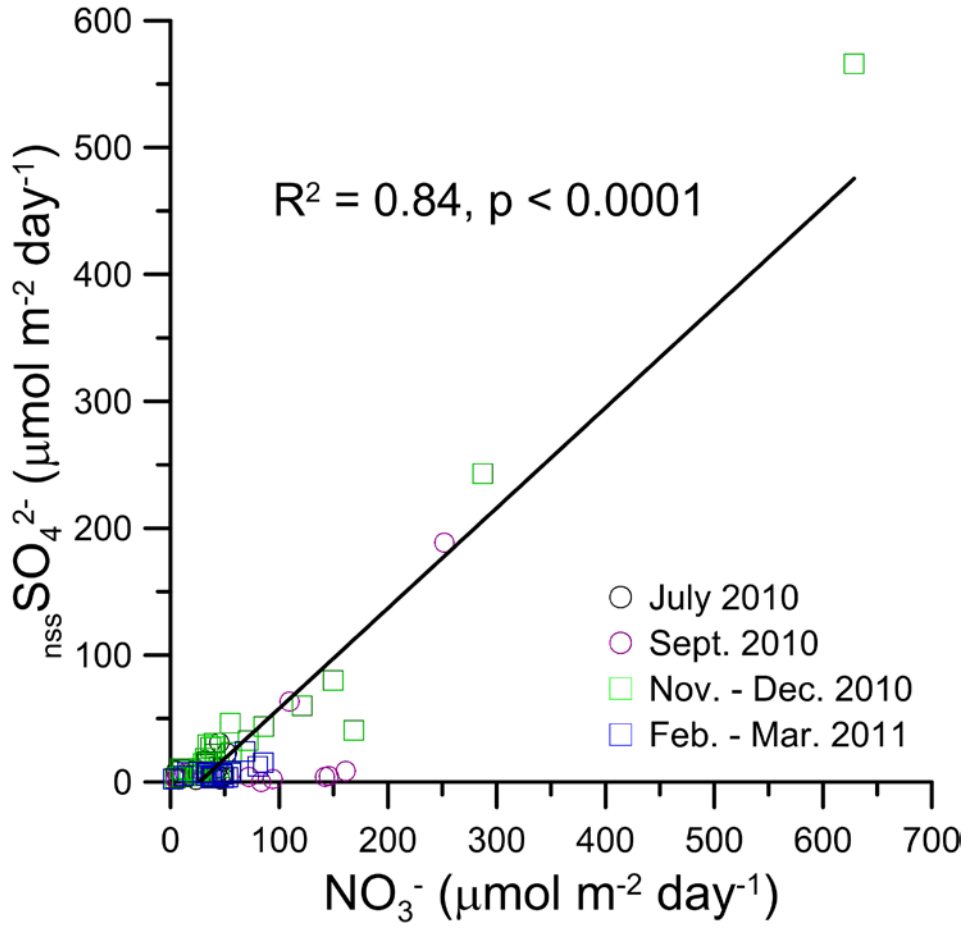


Figure S3 Relationship between nitrate and non-sea-salt sulfate in atmospheric deposition at Dongsha Island.

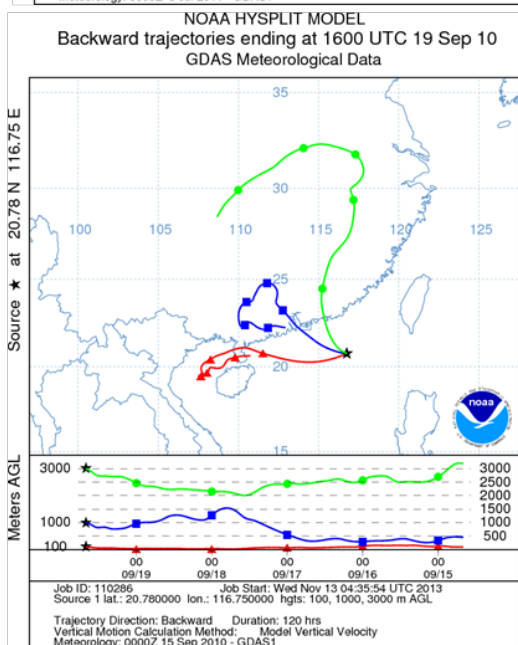
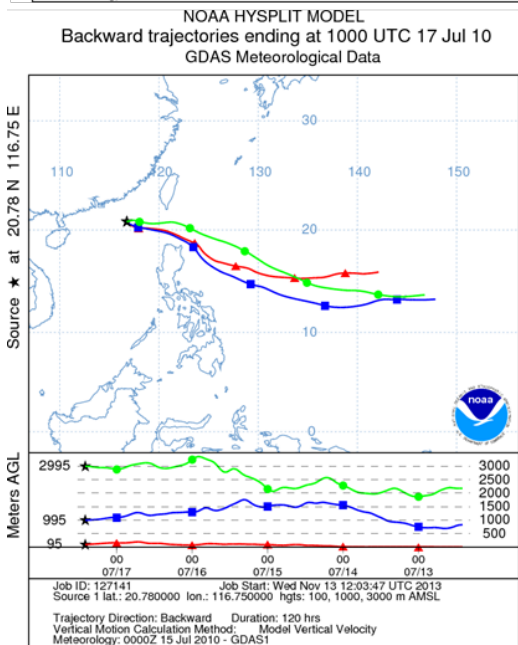
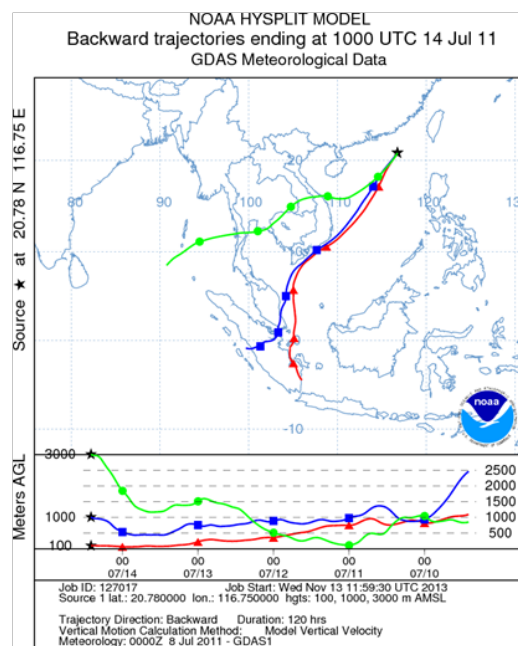
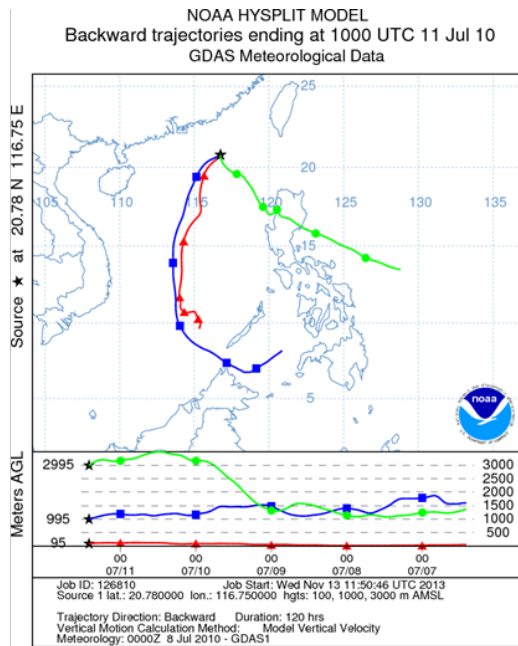


Figure S4 Typical 5-day summertime trajectories at three elevations, 100, 1000 and 3000 m, arriving at Dongsha Island.