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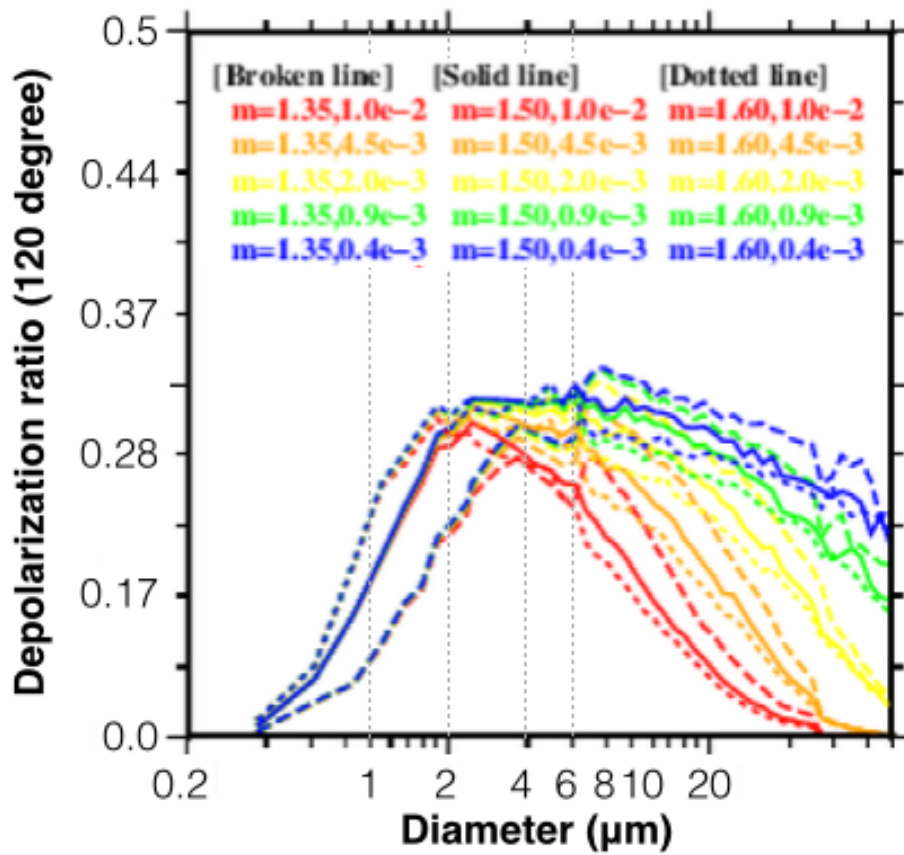
Supplement of

Polarization properties of aerosol particles over western Japan: classification, seasonal variation, and implications for air quality

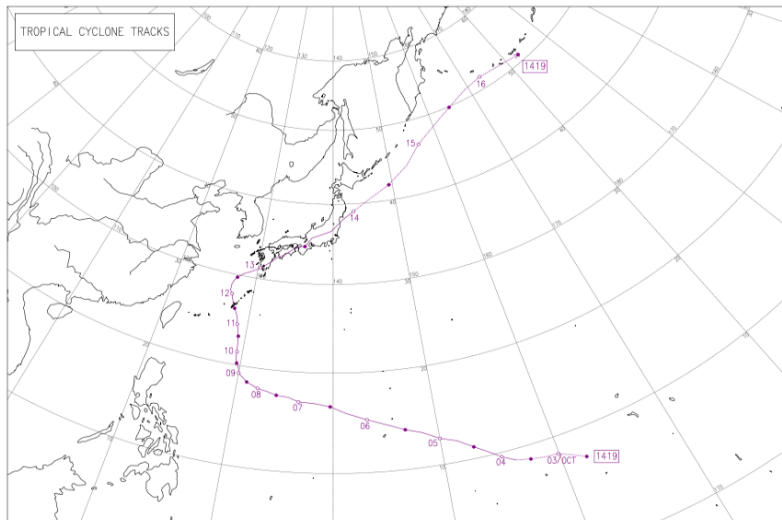
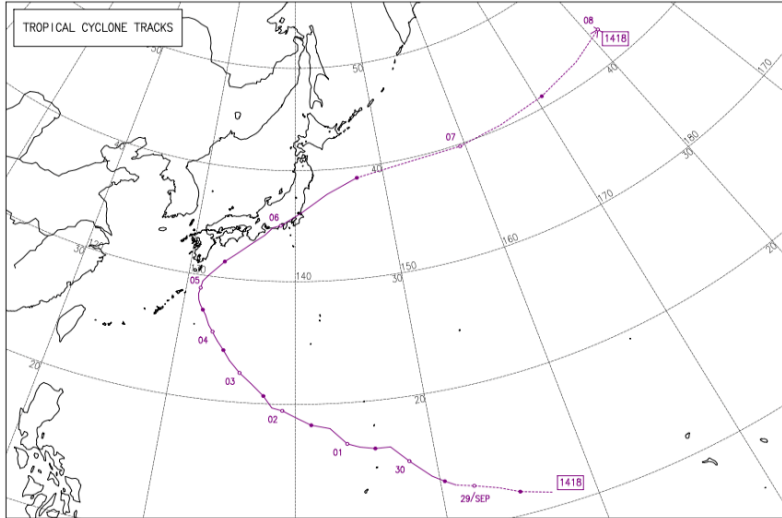
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SF.1 Theoretical calculation of depolarization ratio (at 120 backward direction) as a function of particle size for different refractive index. The simulation was on the basis of particles of Voronoi aggregation.



SF. 2 The geographic positions of typhoon center on 4th Oct and 13th Oct, 2014. No. 18 Phanfone and No. 19 Vongfong) during the study period is provided on the Japan Meteorological Agency webpage (http://www.data.jma.go.jp/fcd/yoho/typhoon/route_map/index.html)