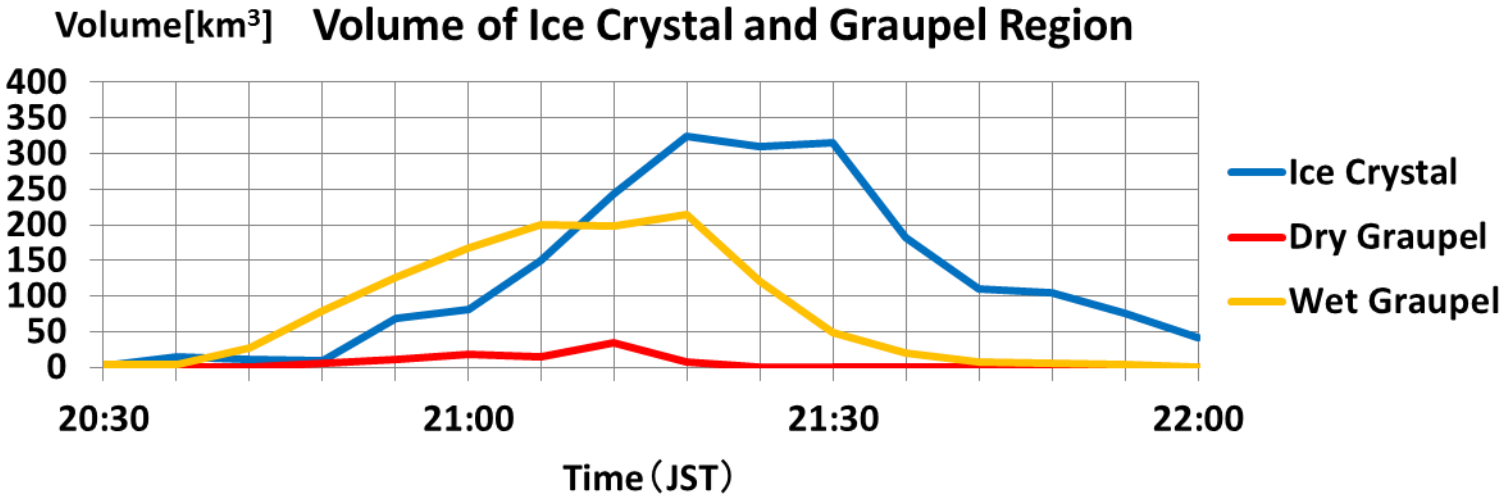
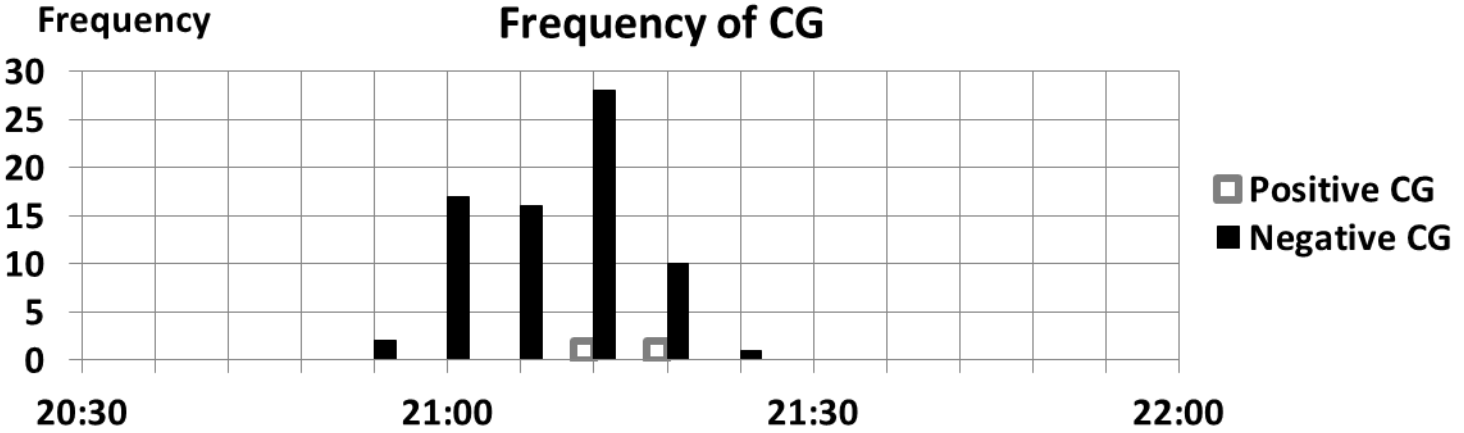
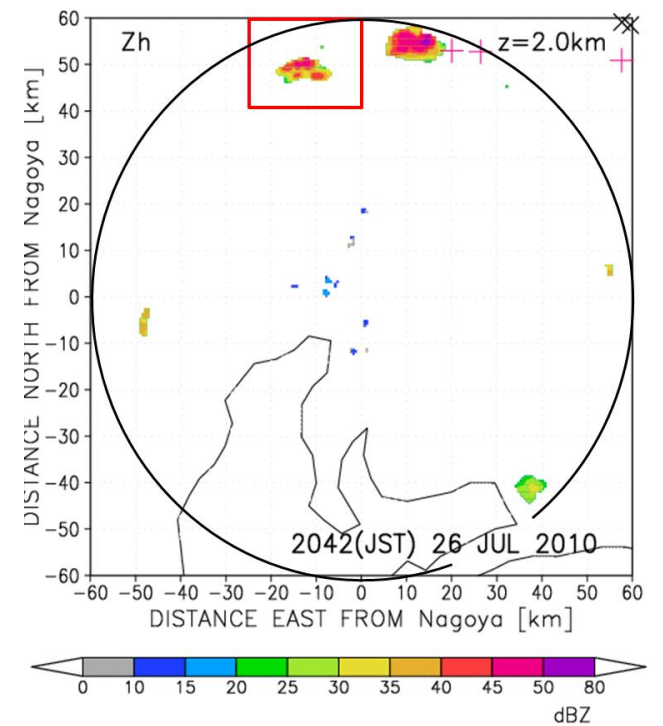
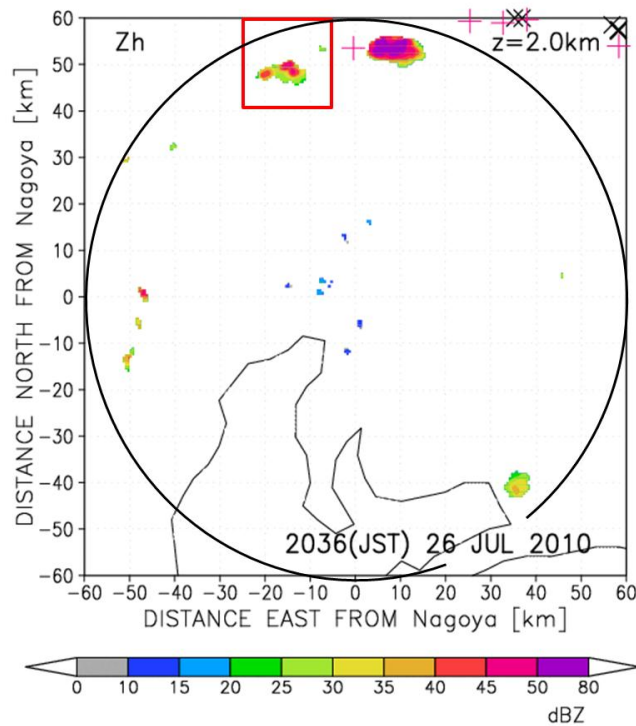
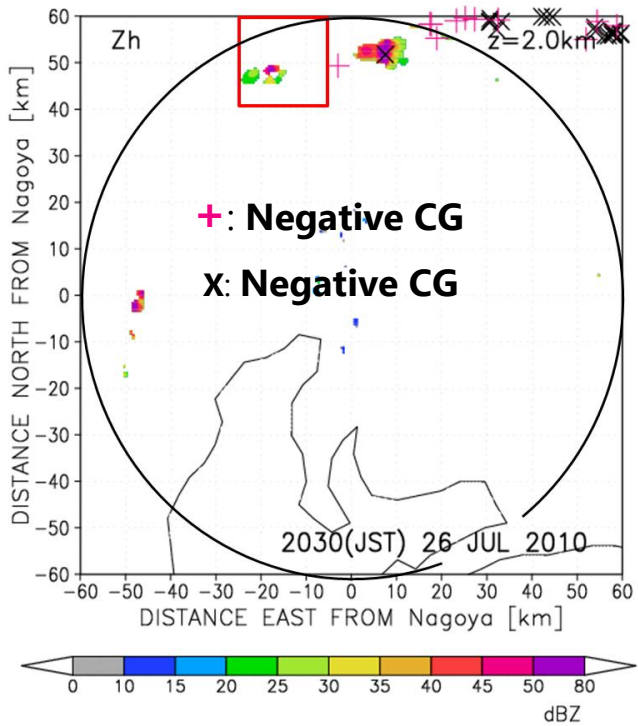
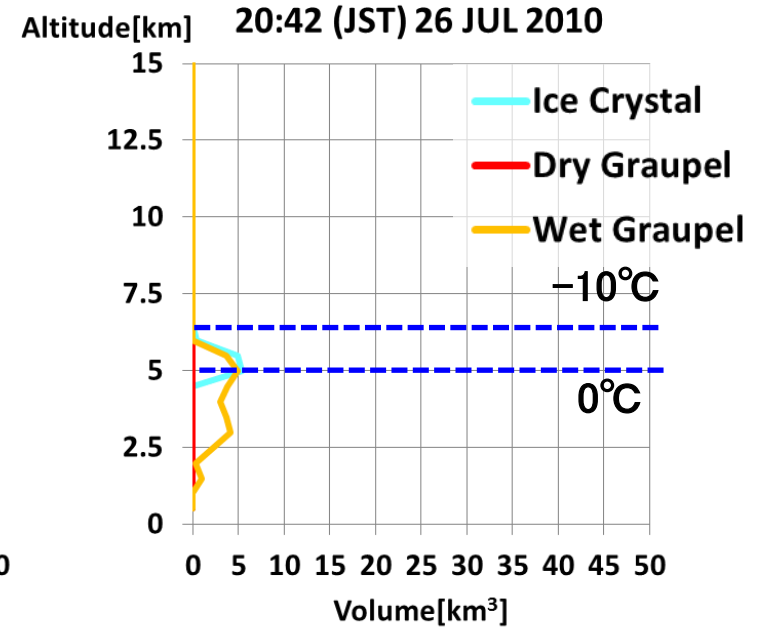
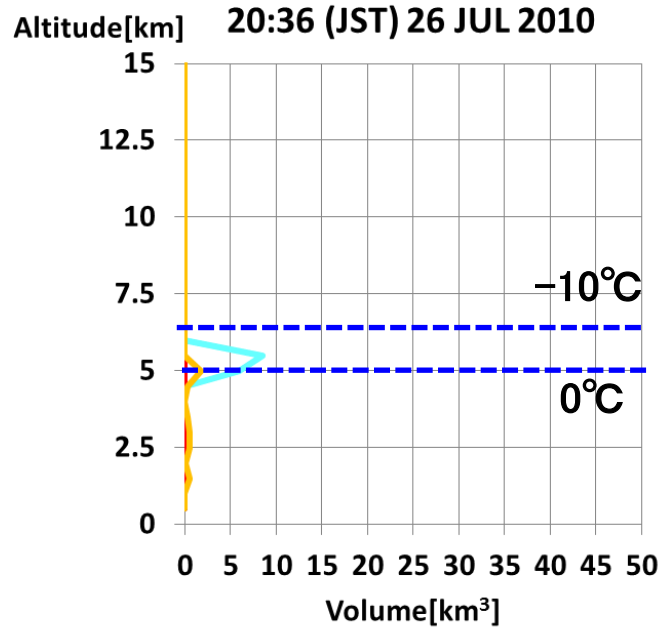
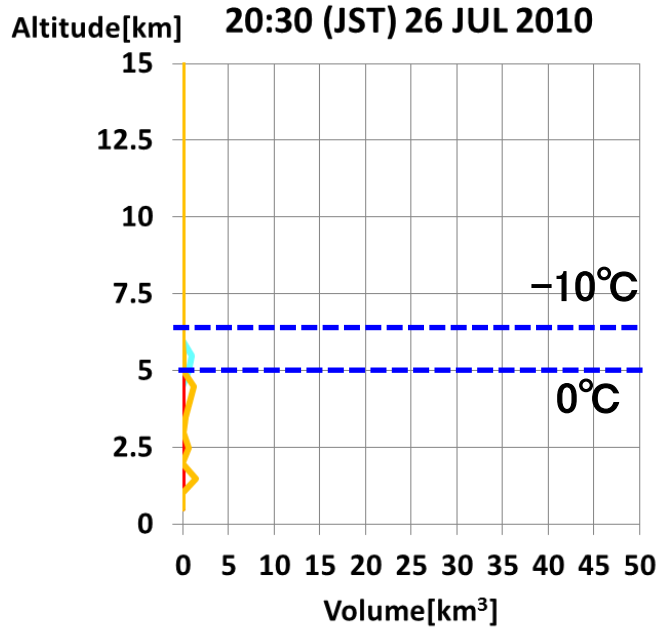


The Case on 26 July 2010

Time Series of CG and Volume of hydrometeor

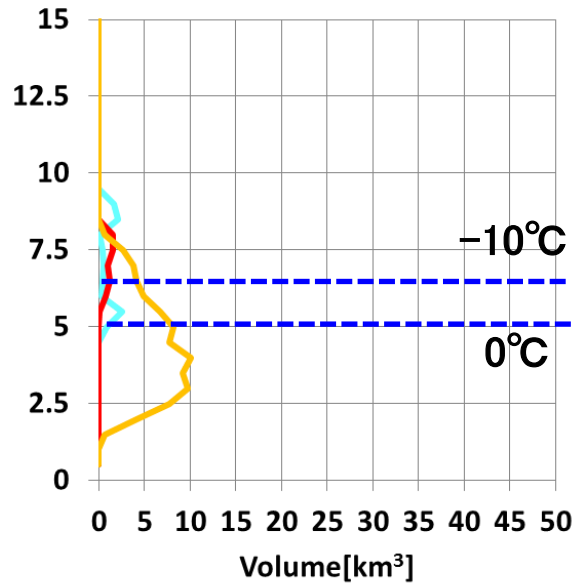


Vertical Distributions of volumes of hydrometeor

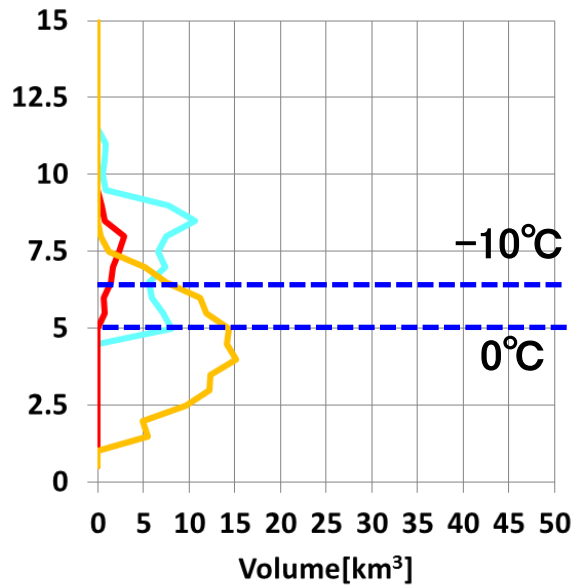


Vertical Distributions of volumes of hydrometeor

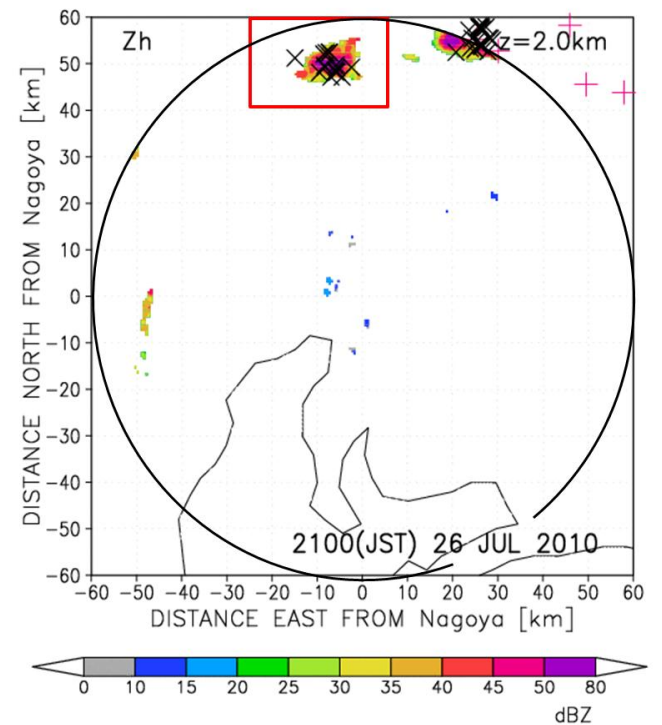
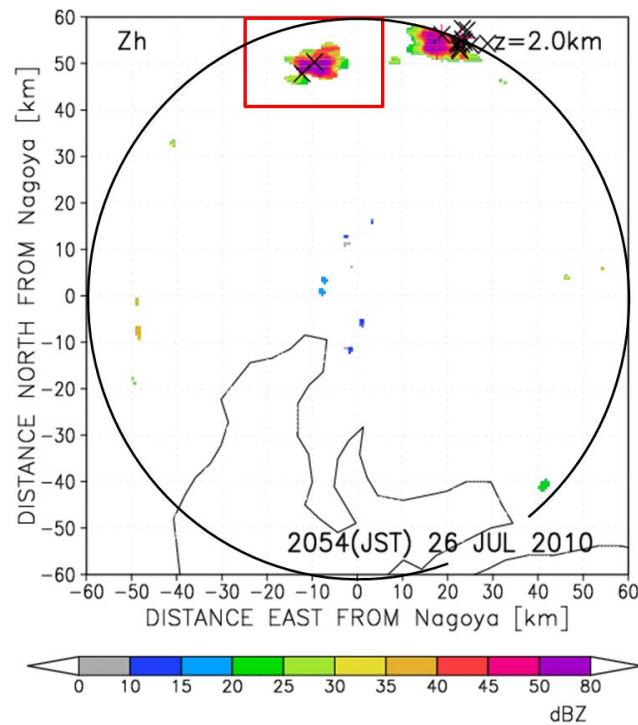
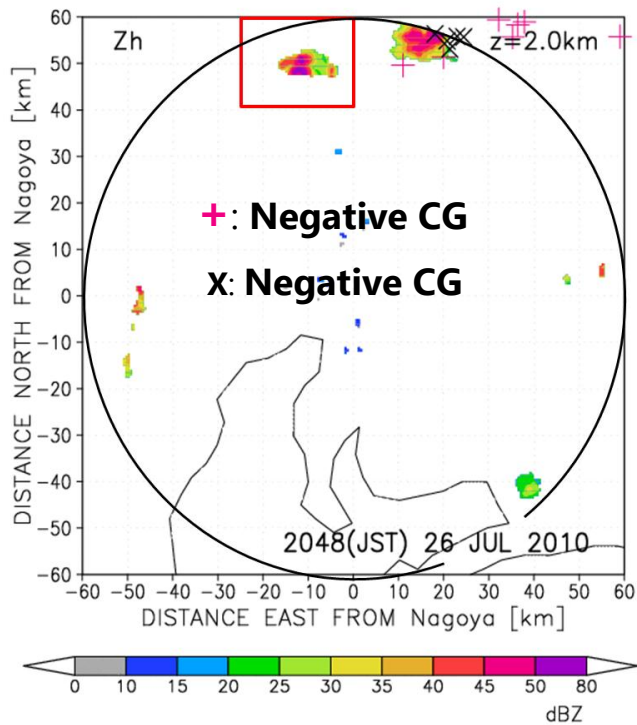
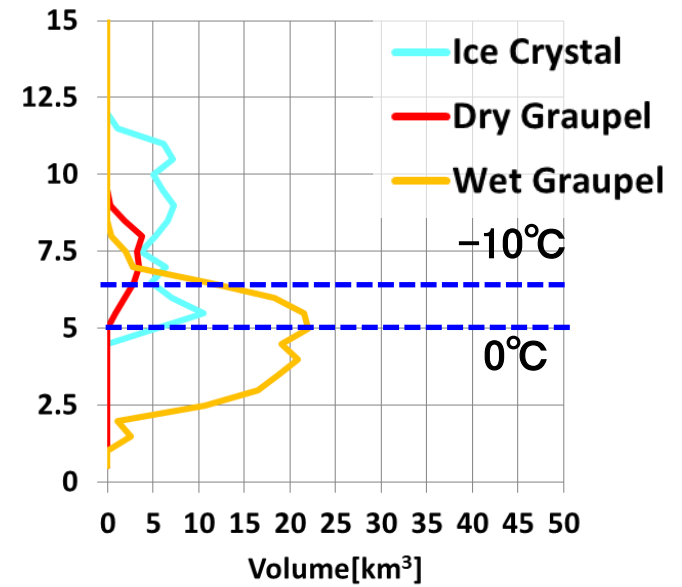
Altitude[km] 20:48 (JST) 26 JUL 2010



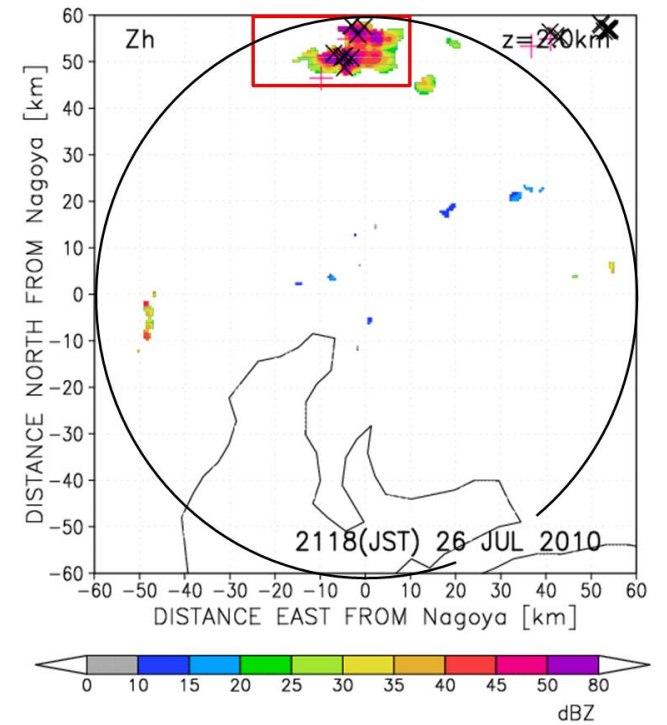
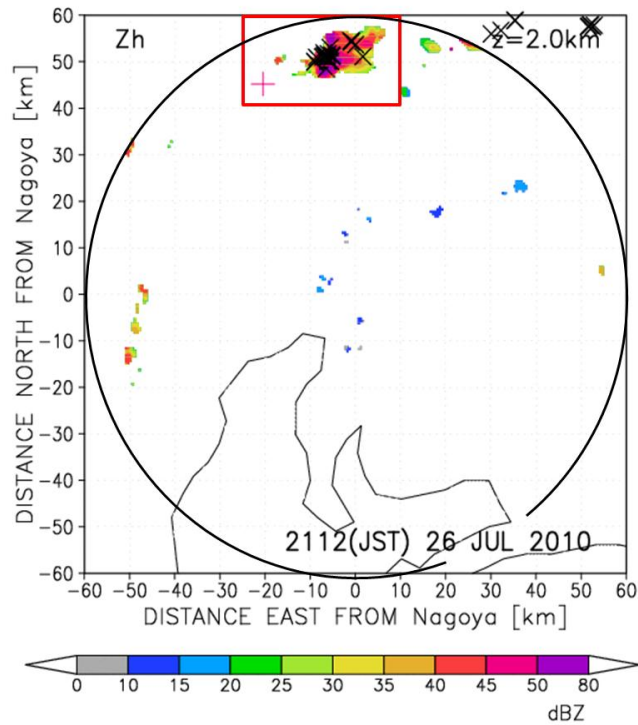
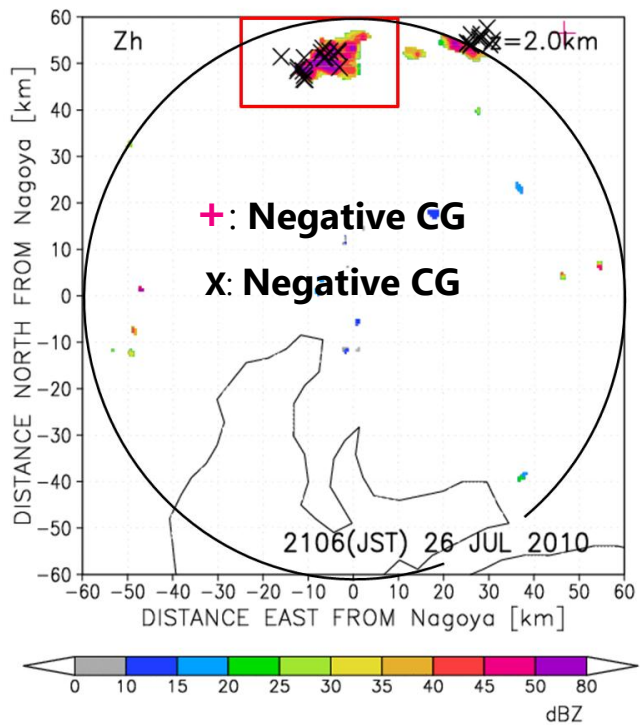
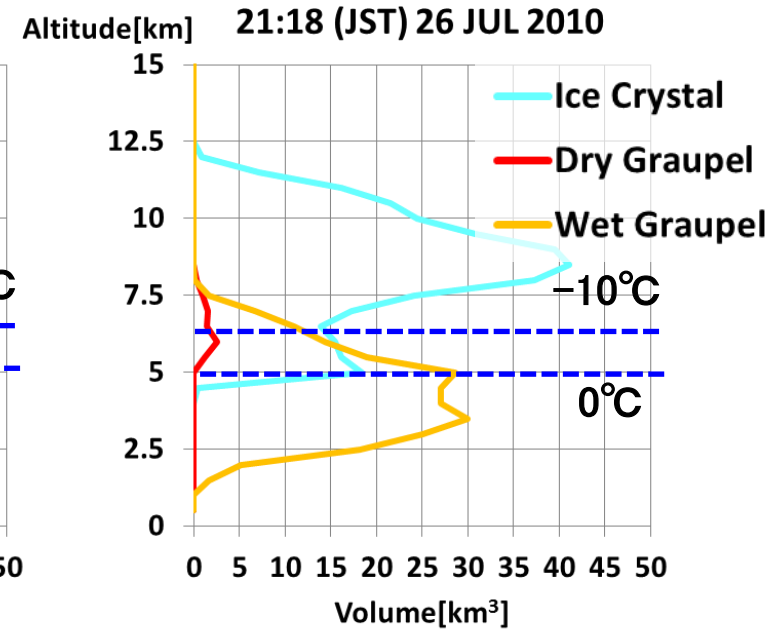
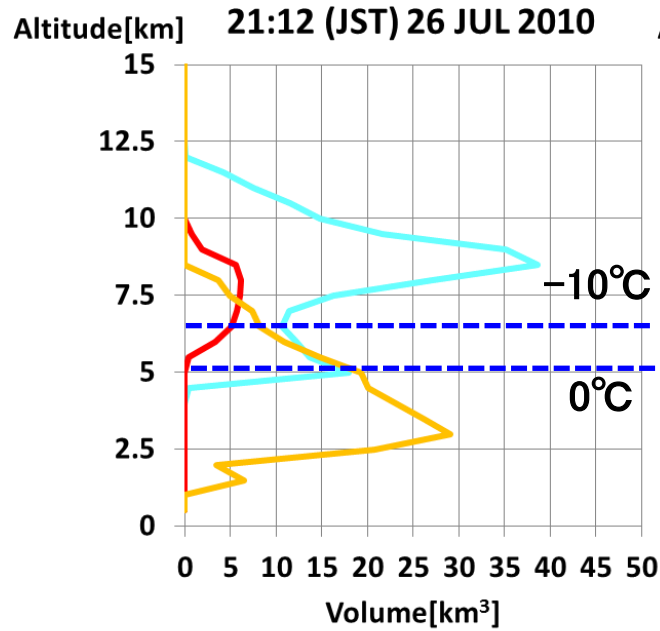
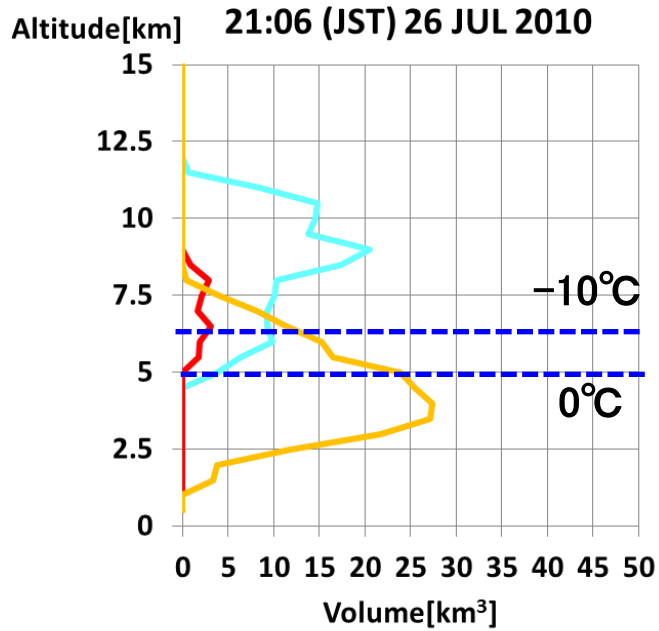
Altitude[km] 20:54 (JST) 26 JUL 2010



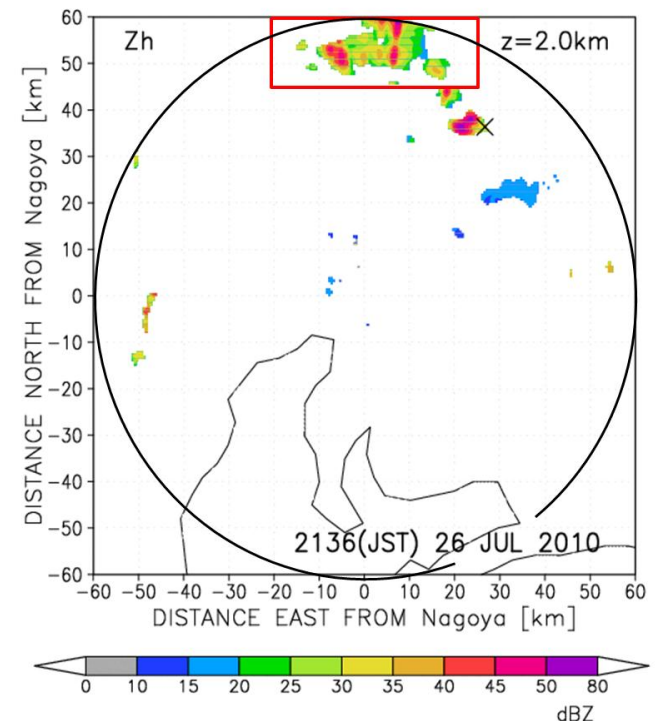
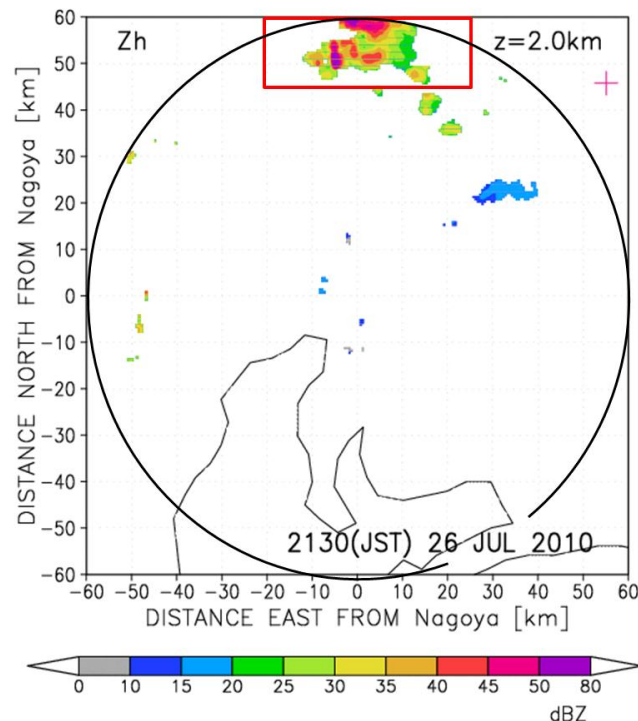
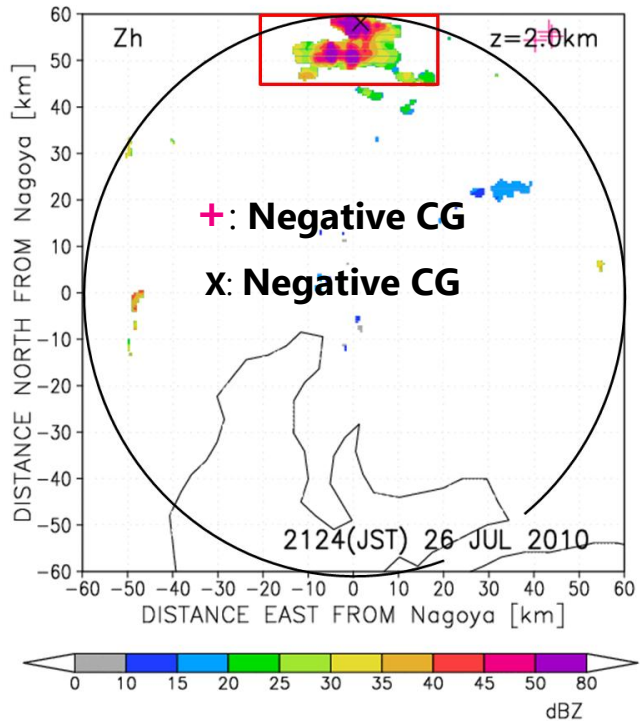
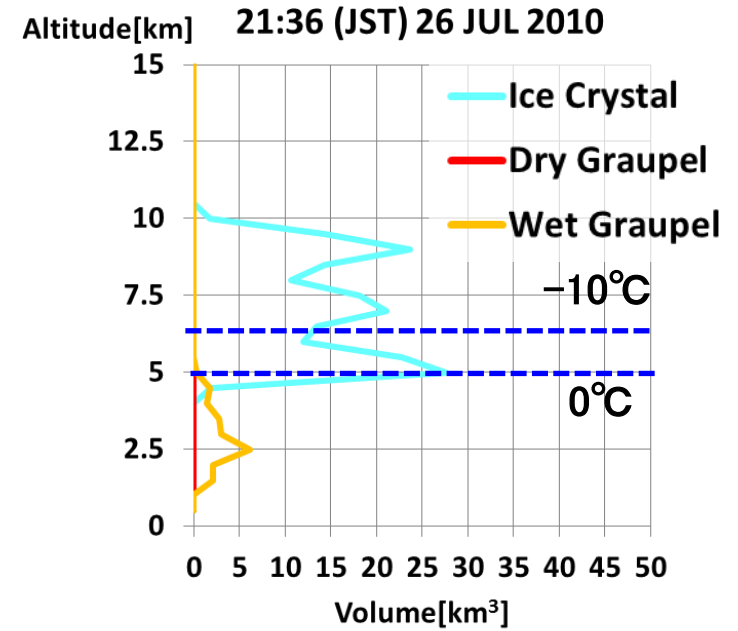
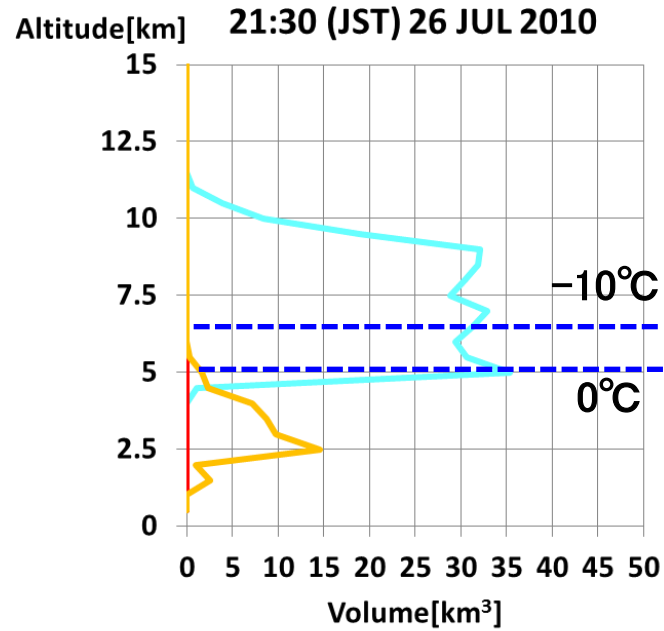
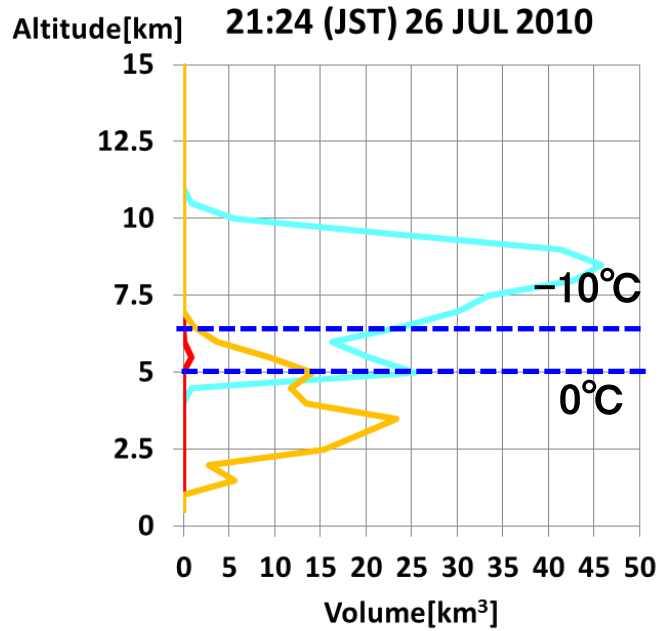
Altitude[km] 21:00 (JST) 26 JUL 2010



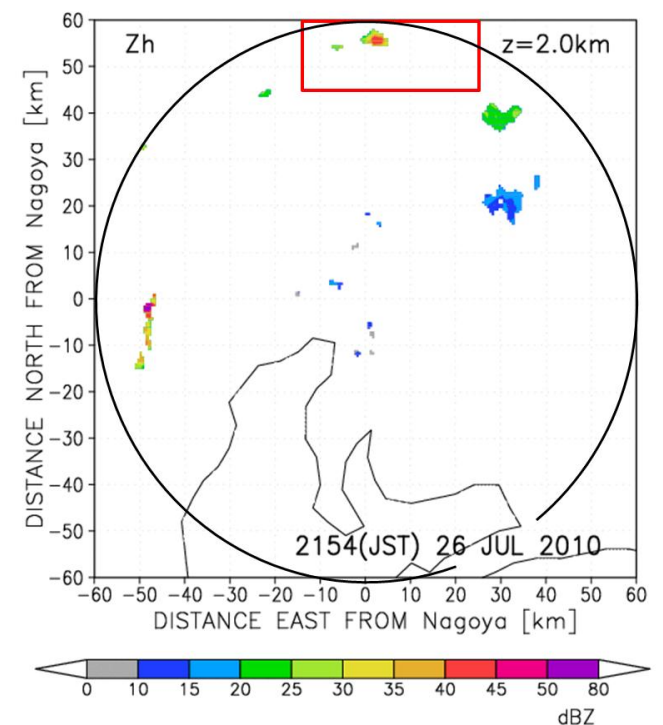
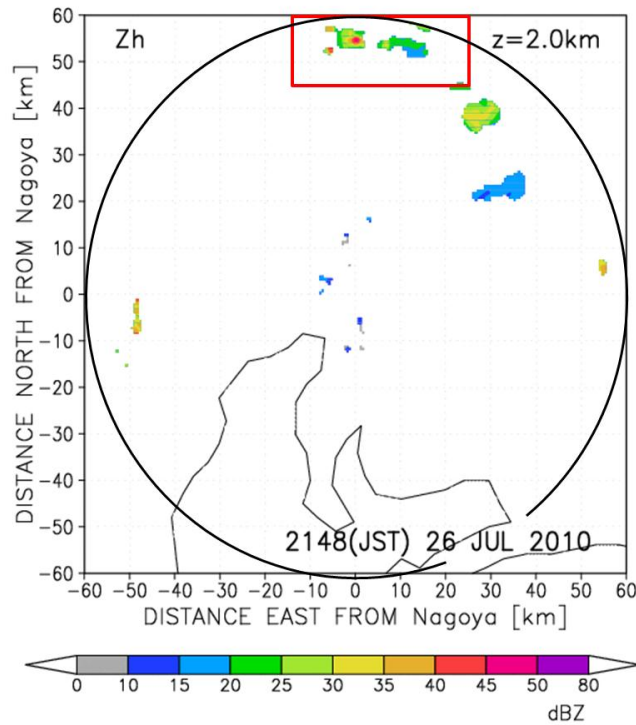
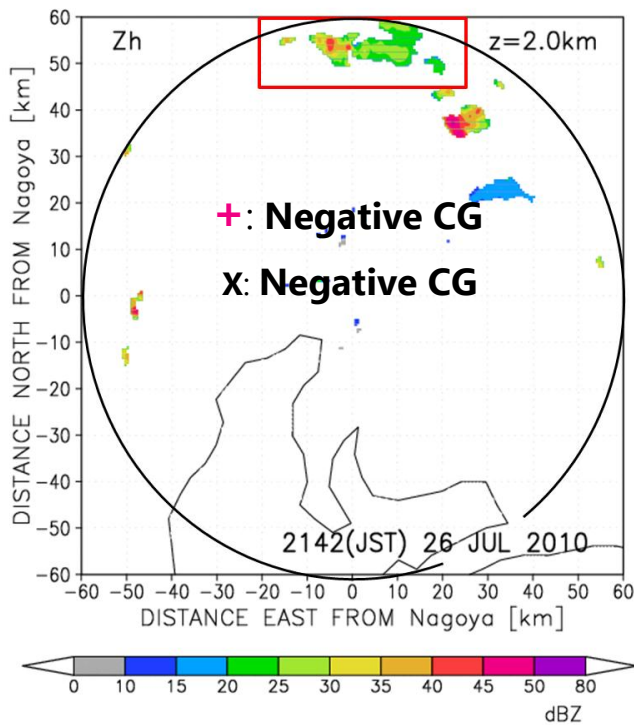
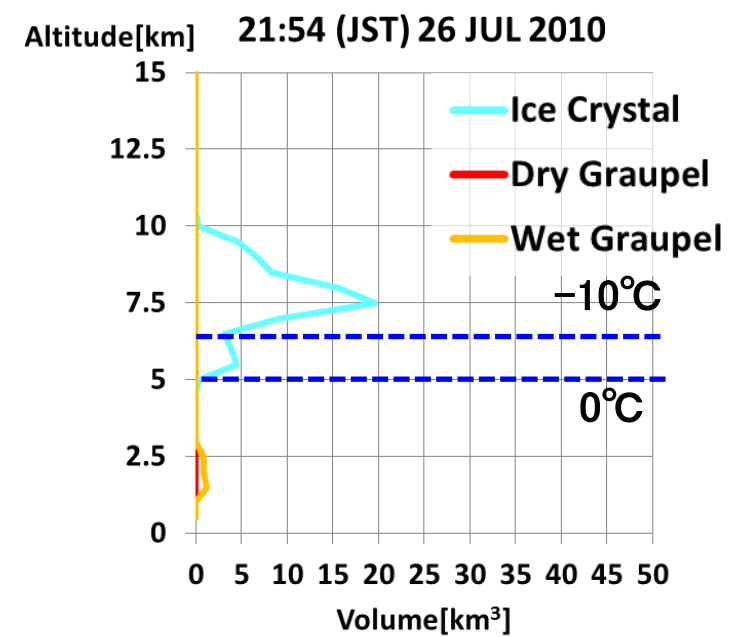
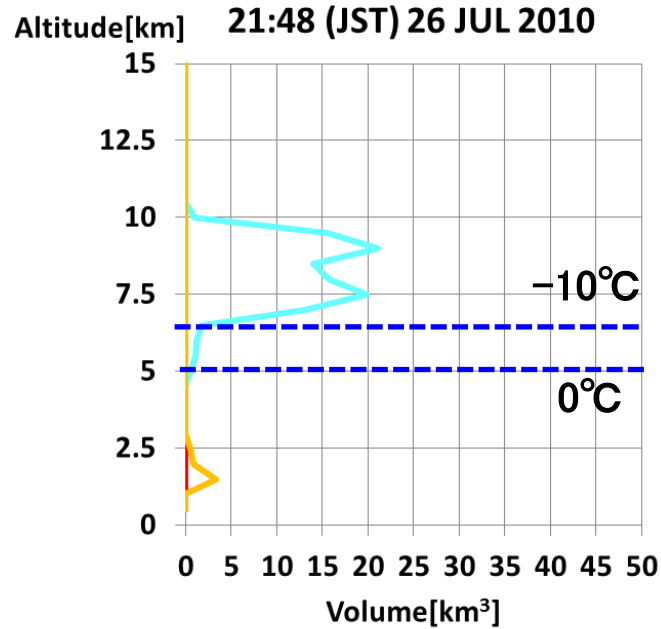
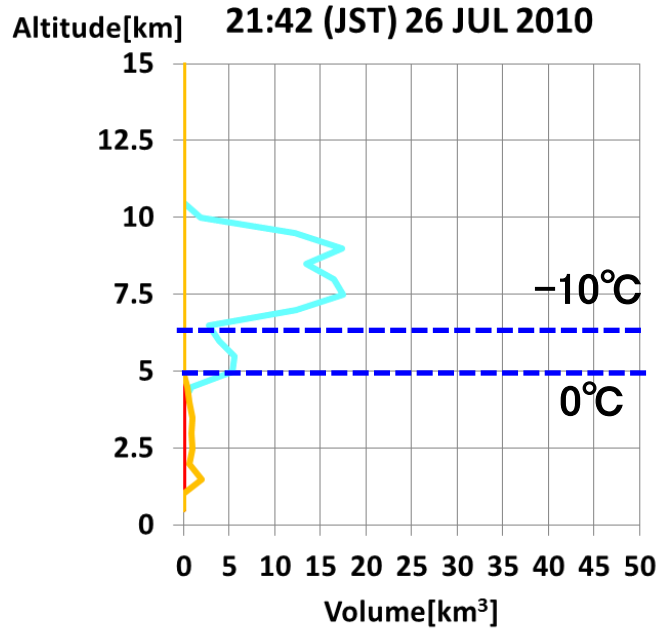
Vertical Distributions of volumes of hydrometeor



Vertical Distributions of volumes of hydrometeor

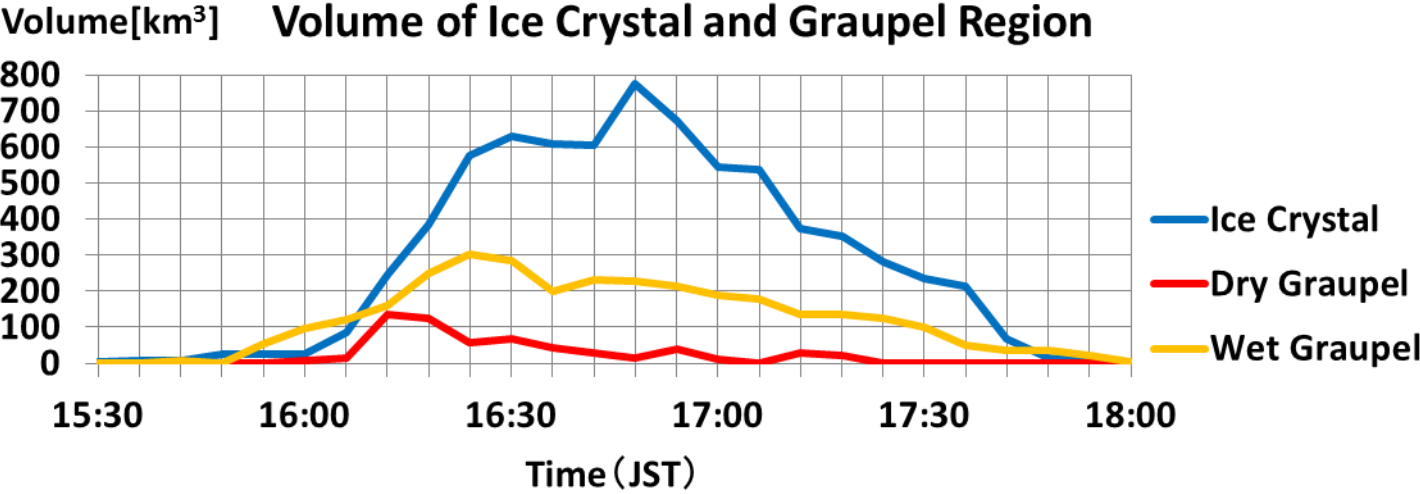
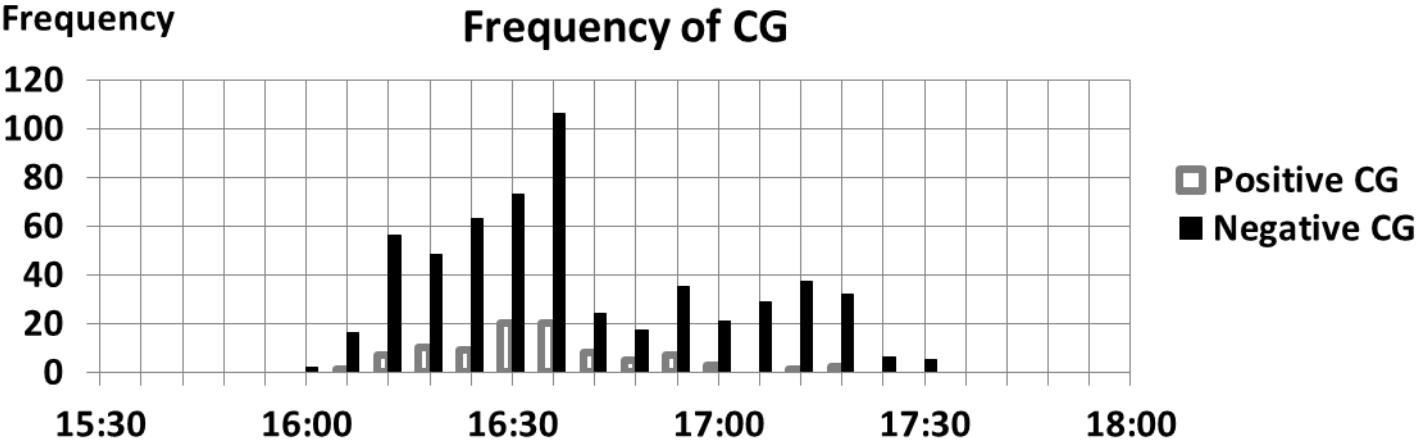


Vertical Distributions of volumes of hydrometeor

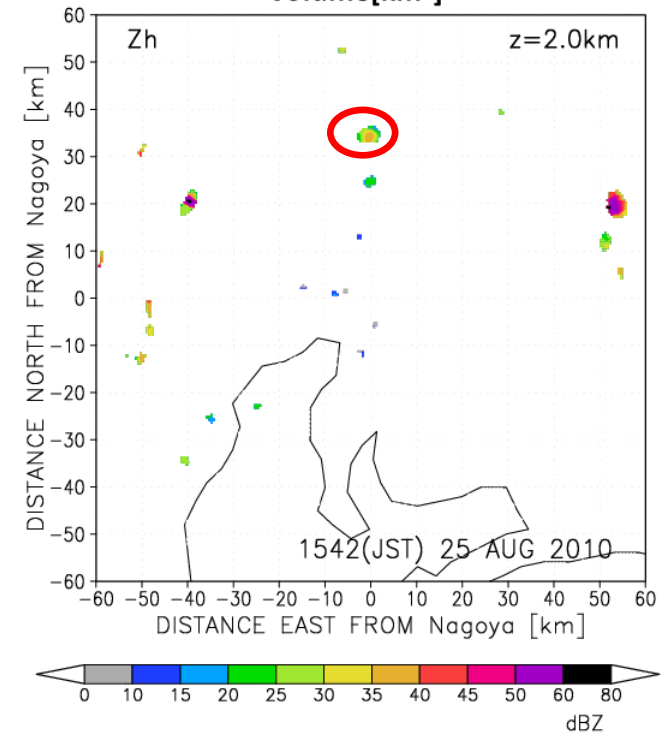
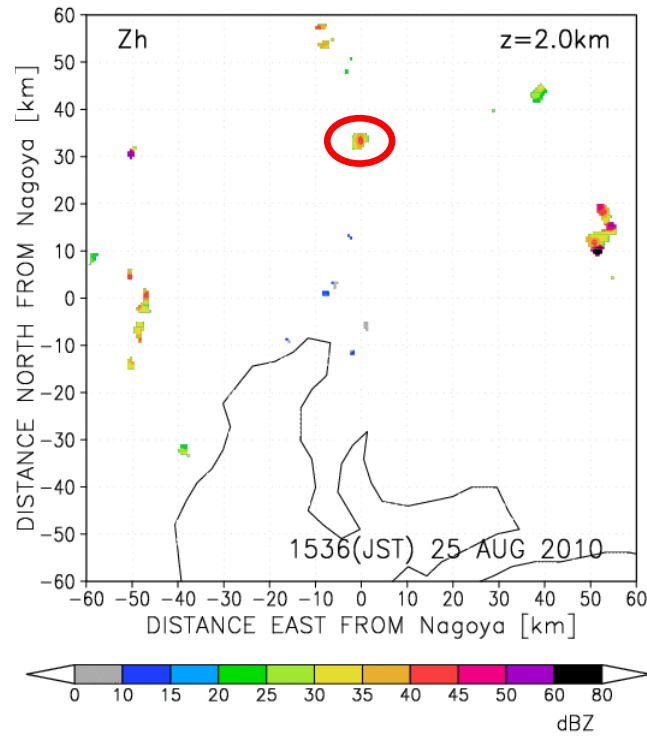
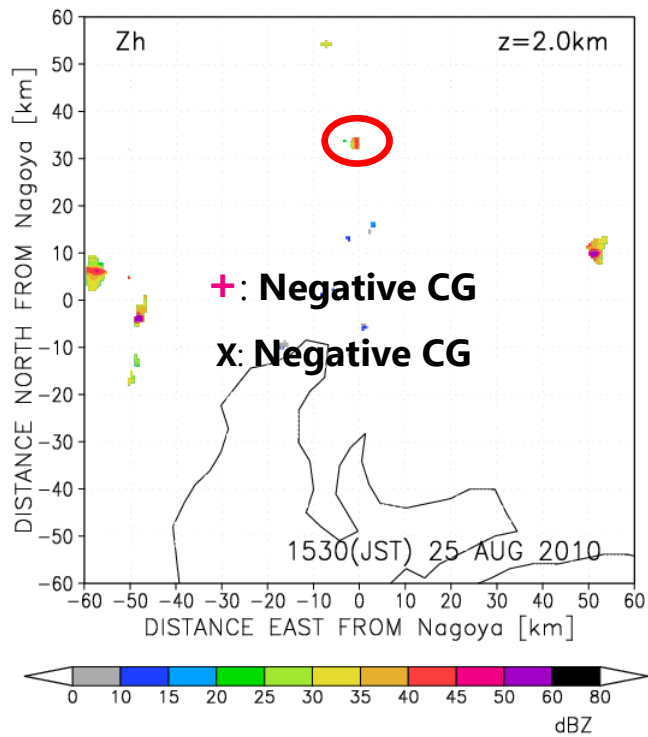
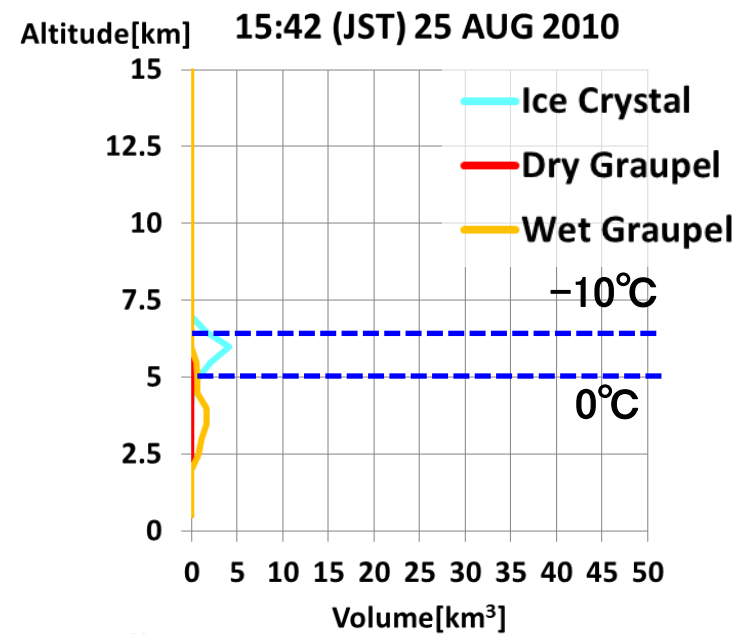
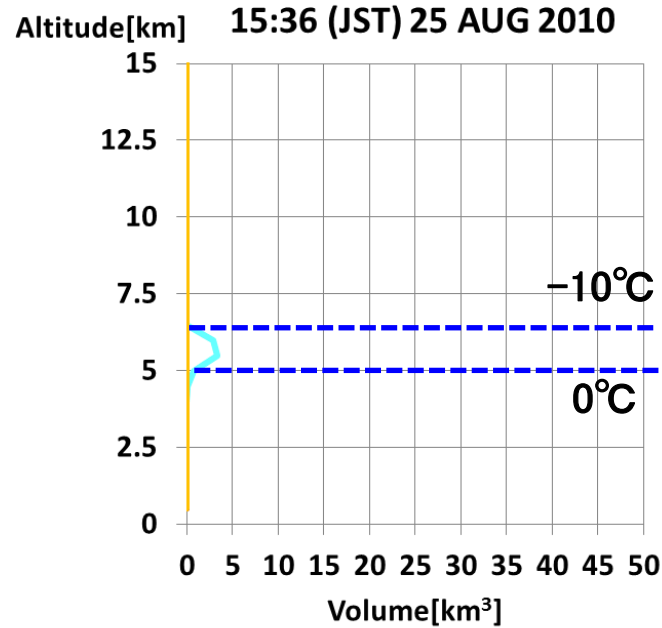
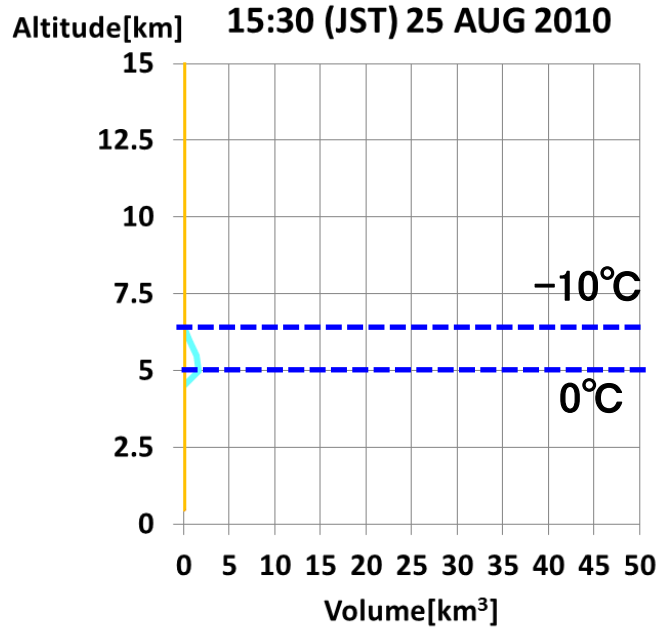


The Case on 25 August 2010

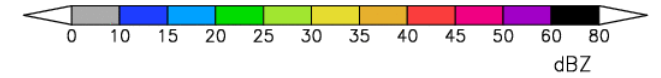
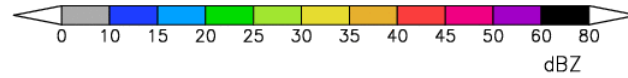
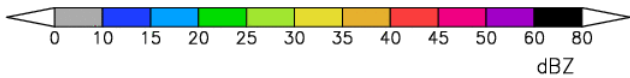
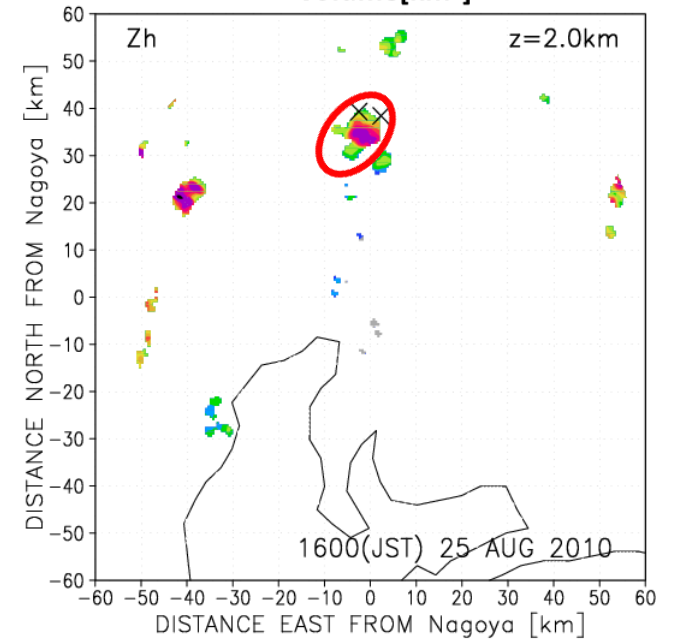
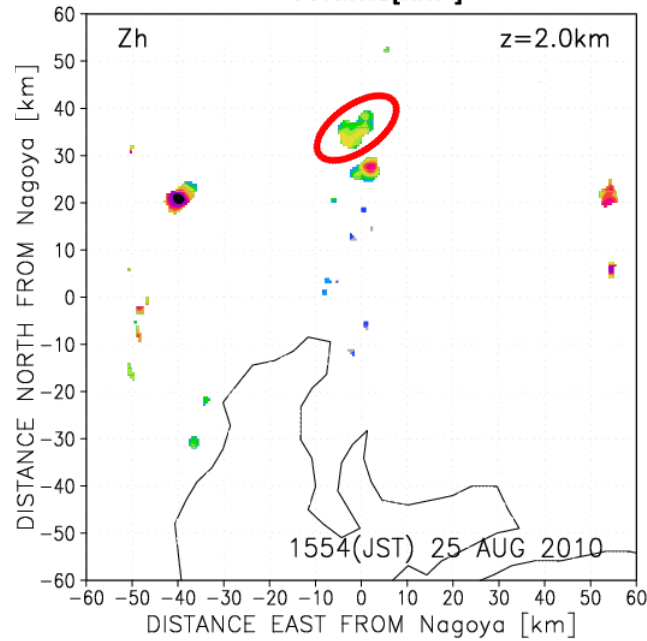
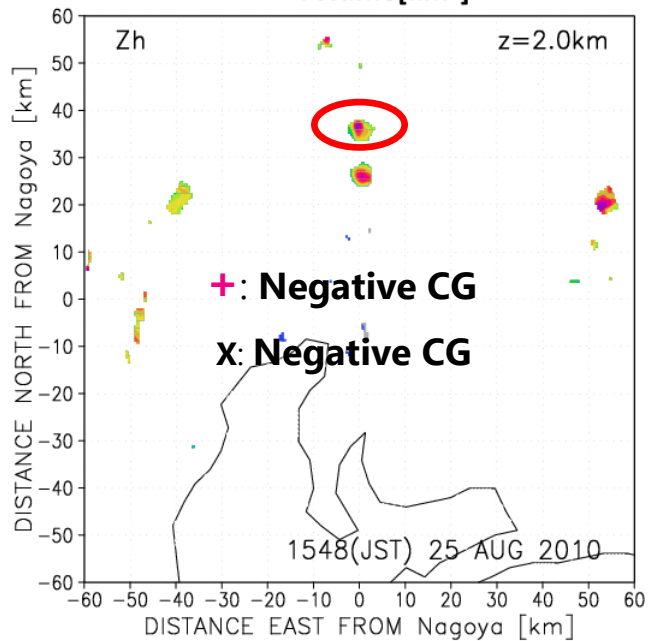
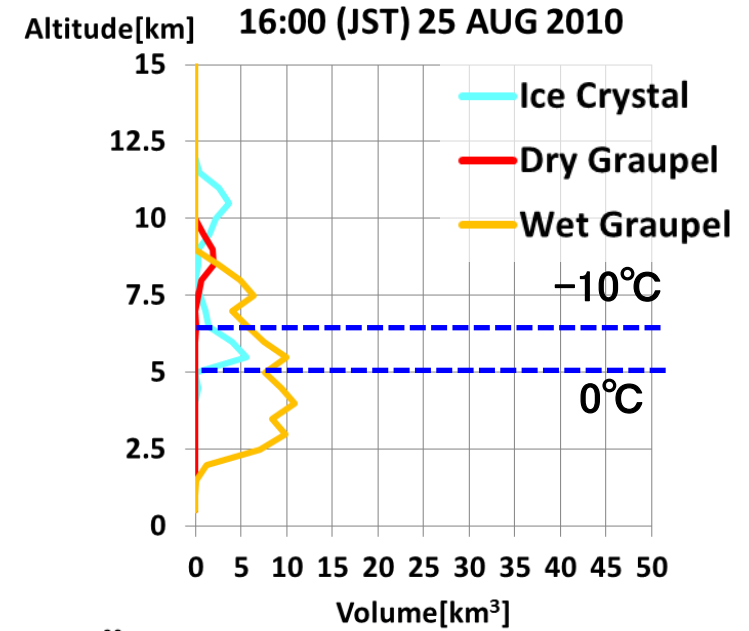
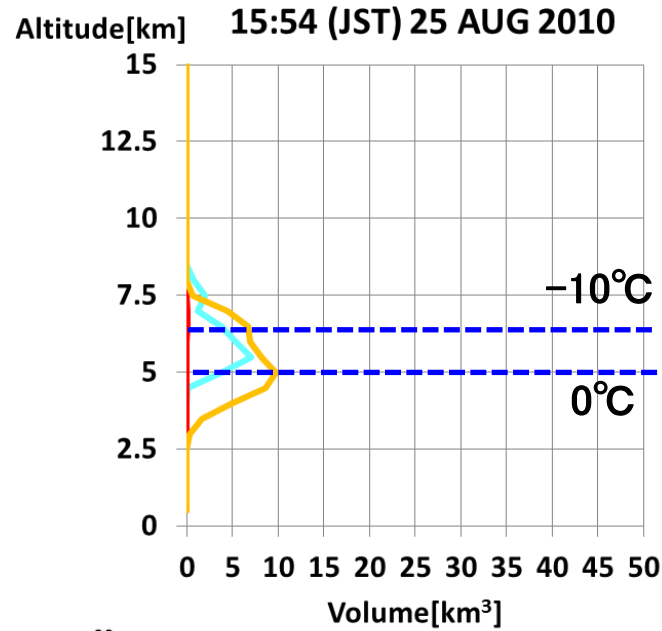
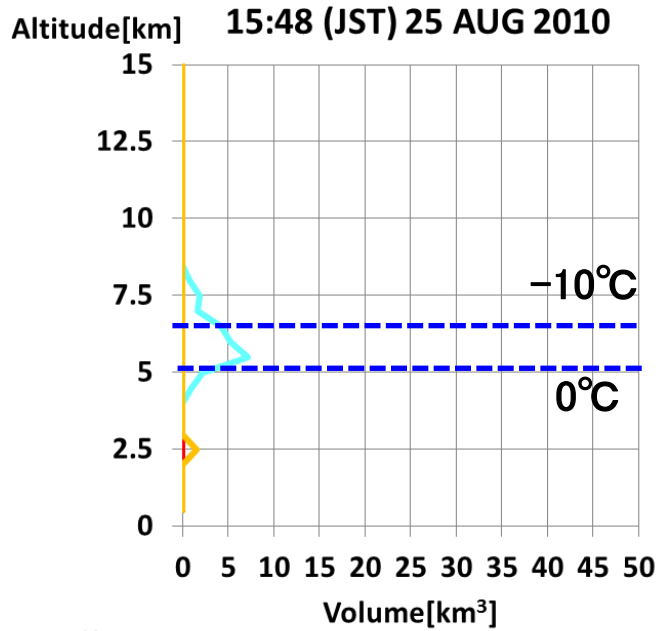
Time Series of CG and Volume of hydrometeor



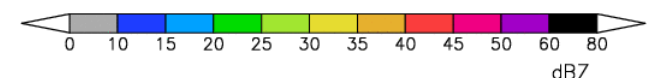
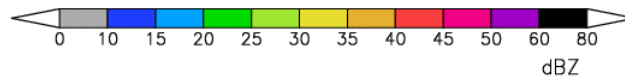
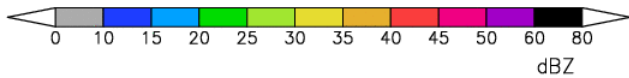
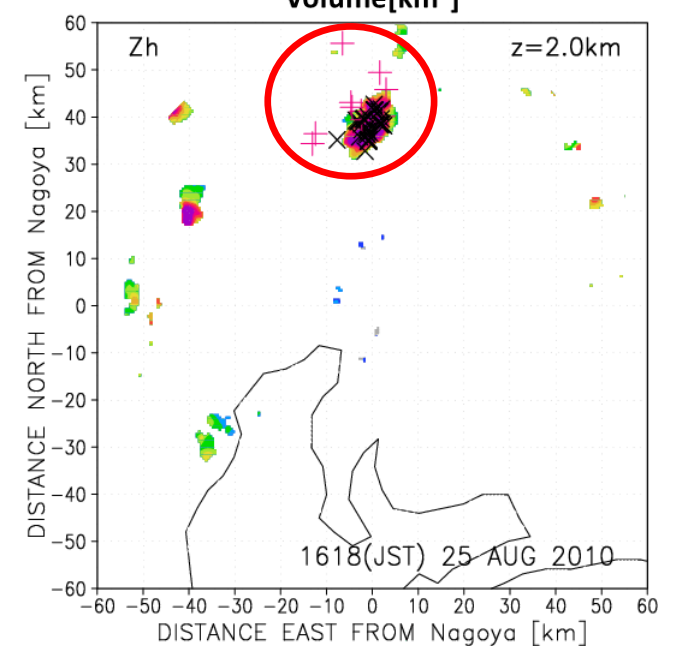
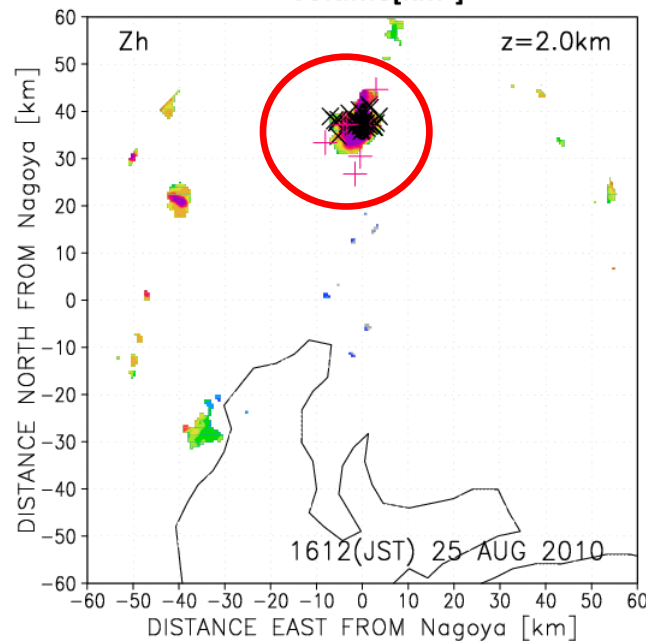
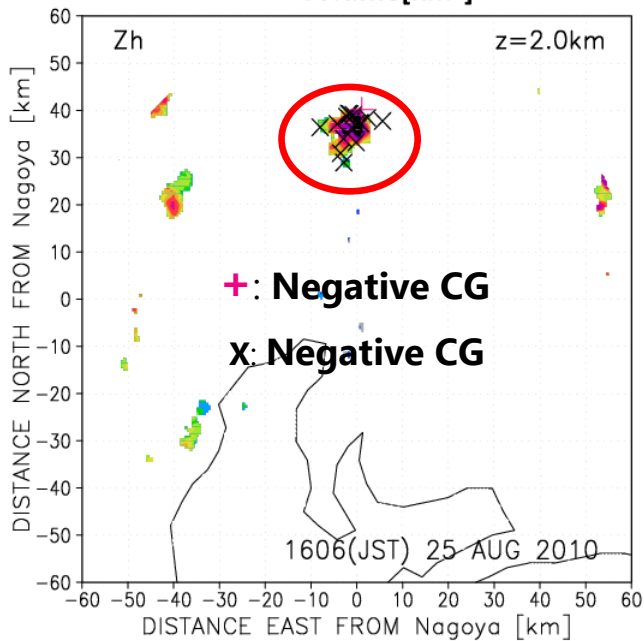
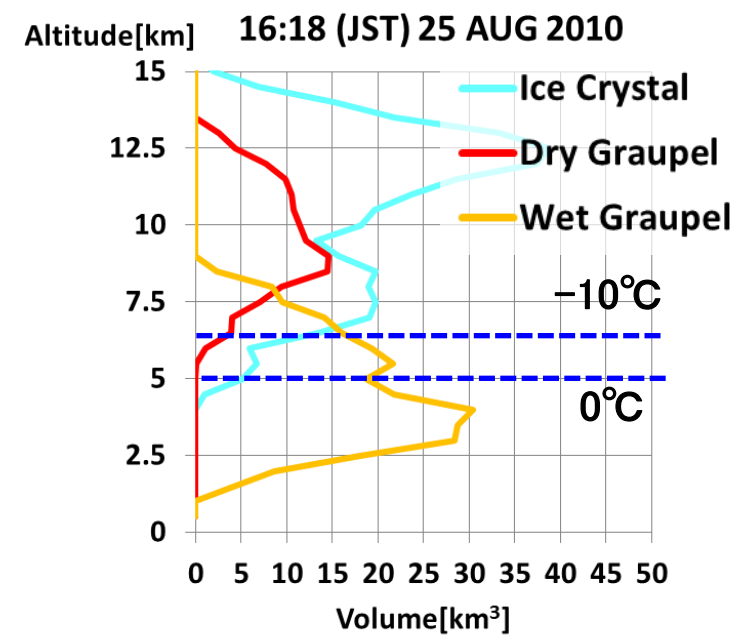
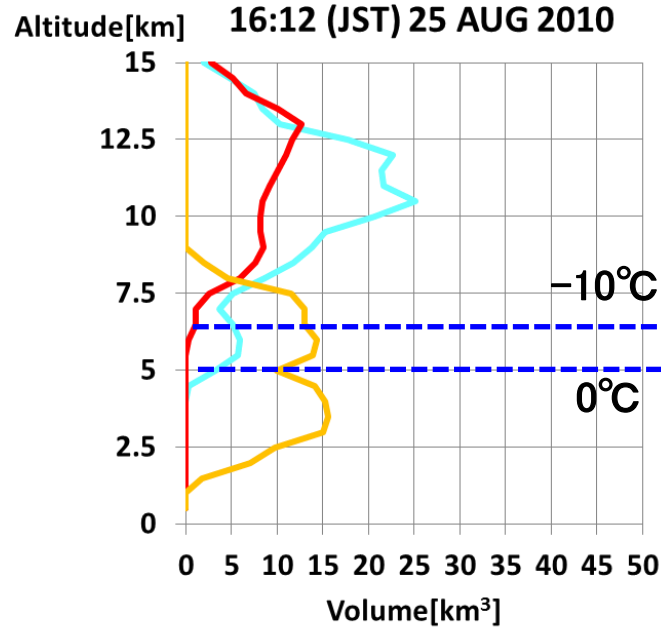
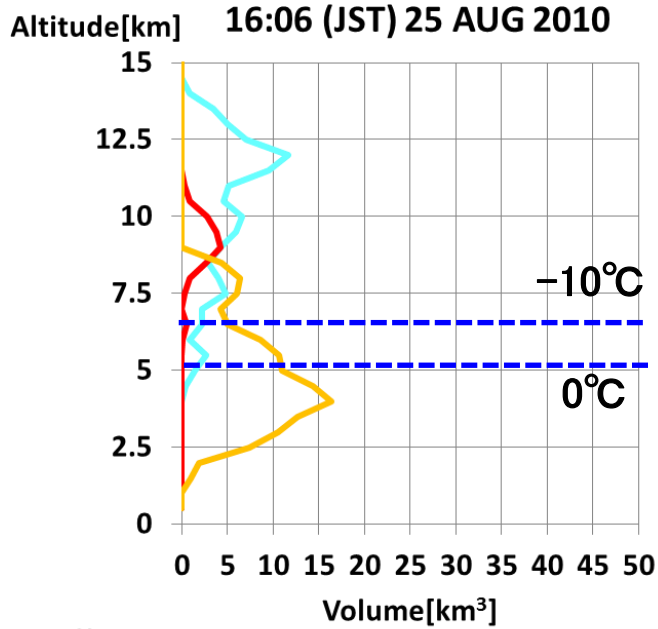
Vertical Distributions of volumes of hydrometeor



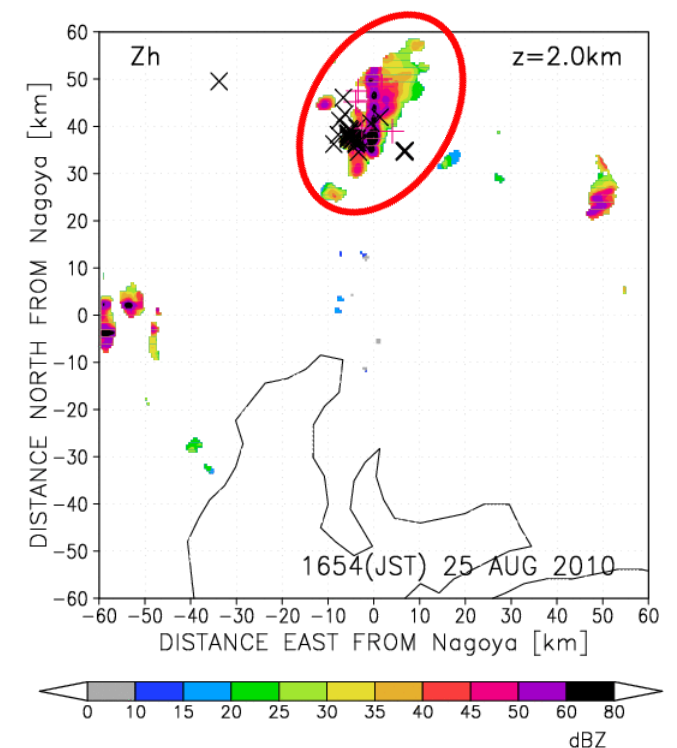
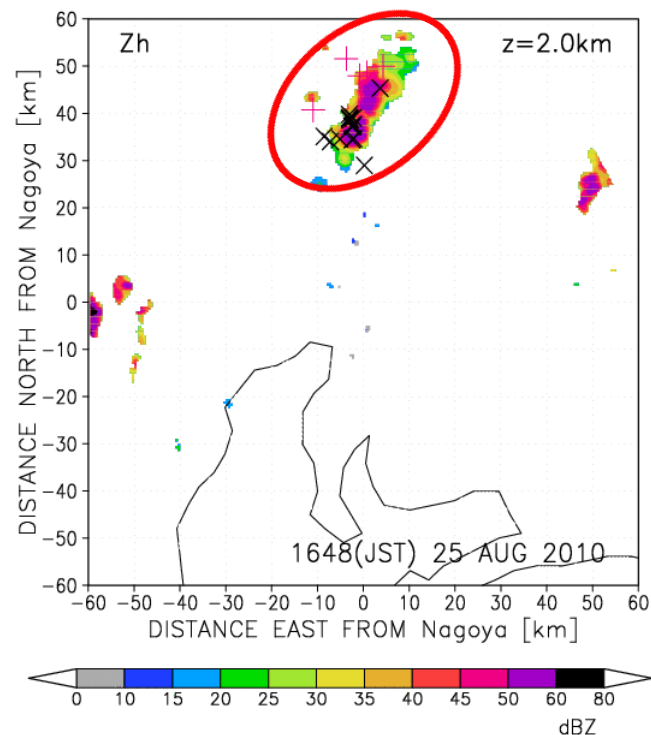
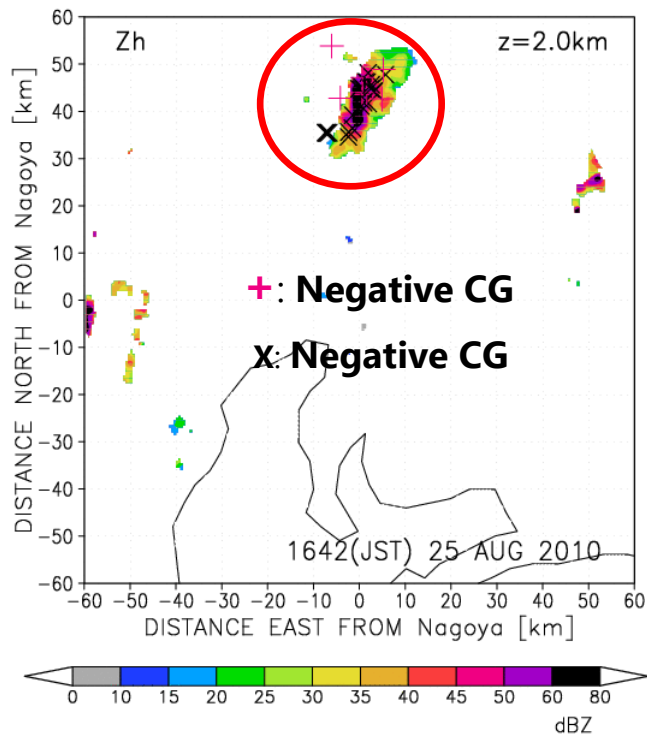
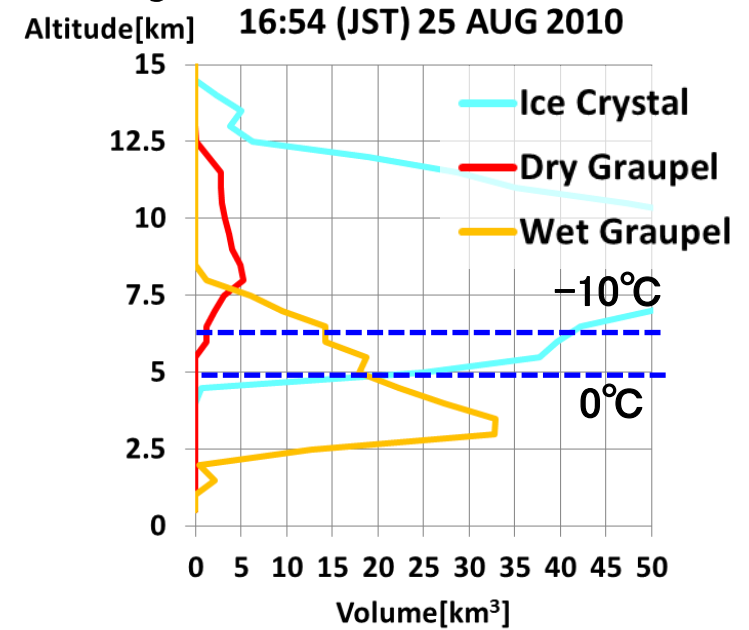
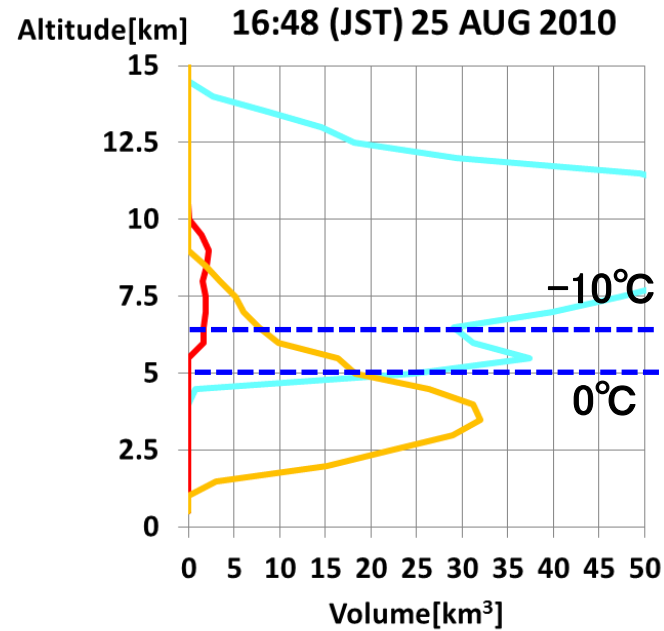
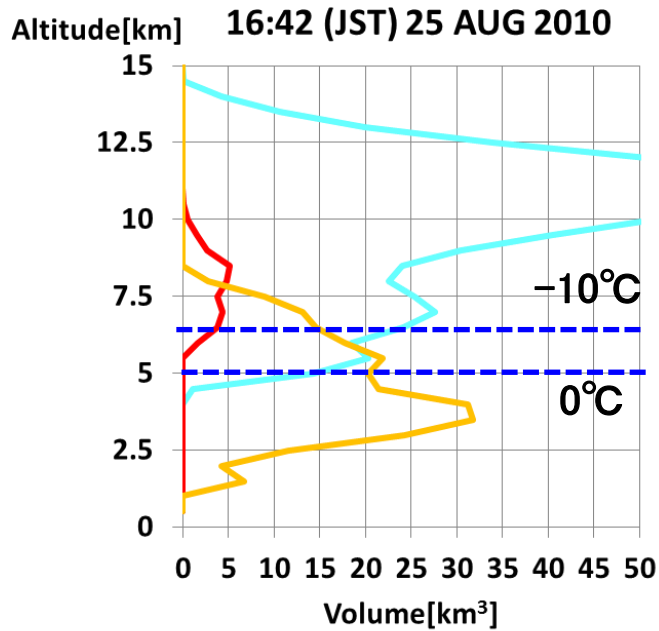
Vertical Distributions of volumes of hydrometeor



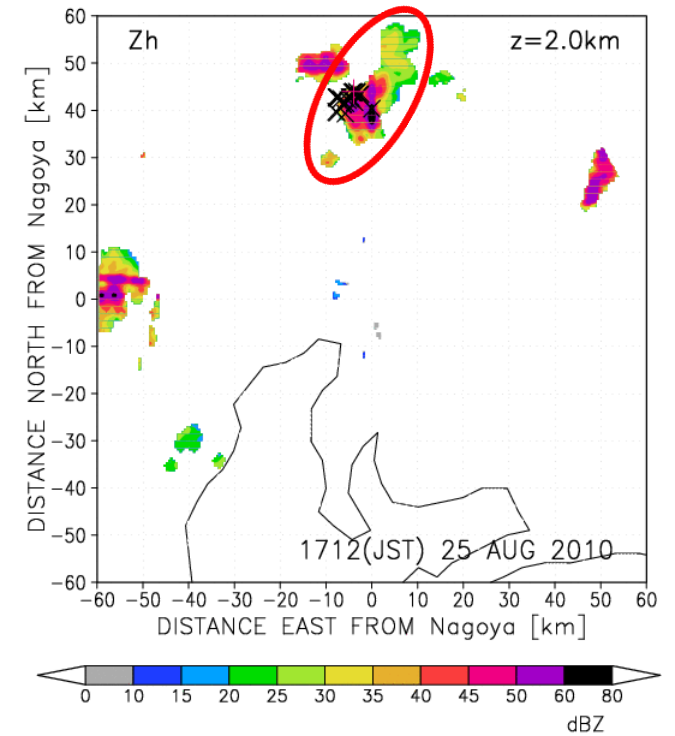
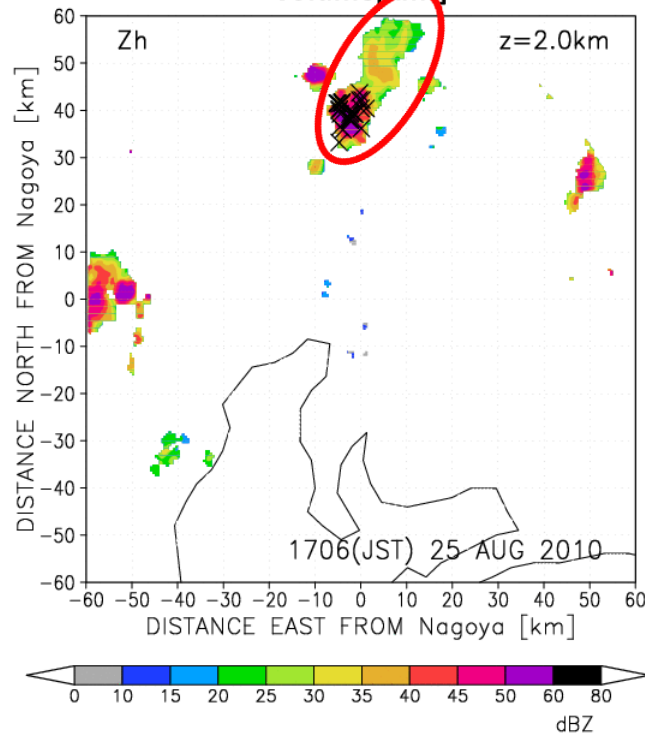
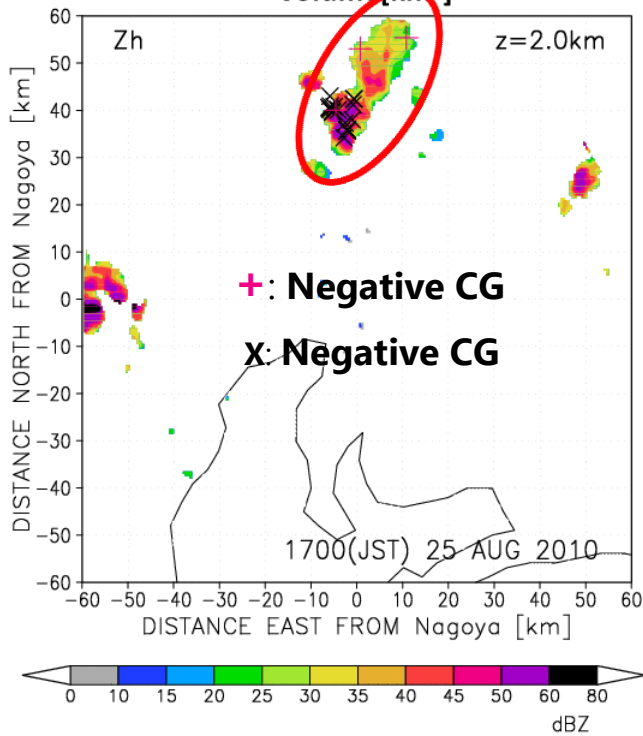
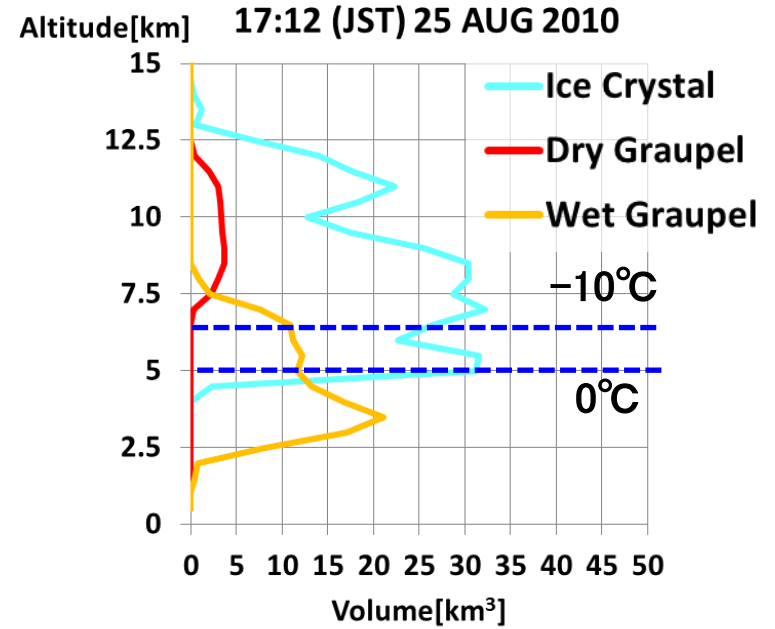
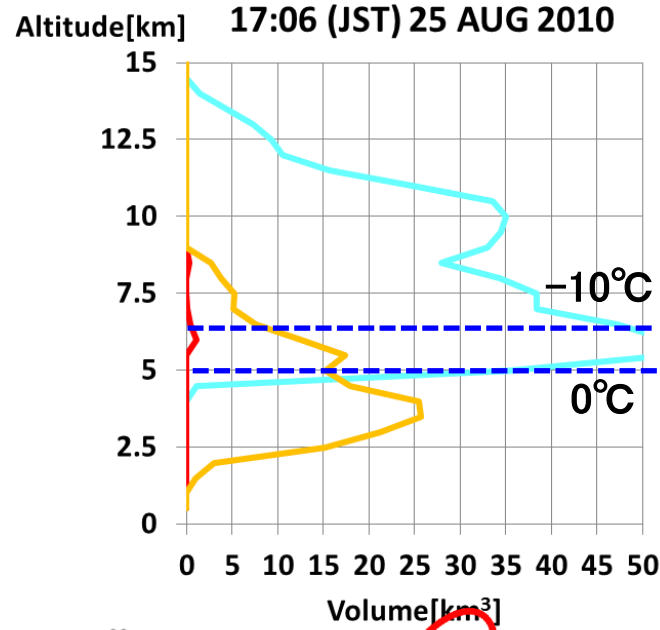
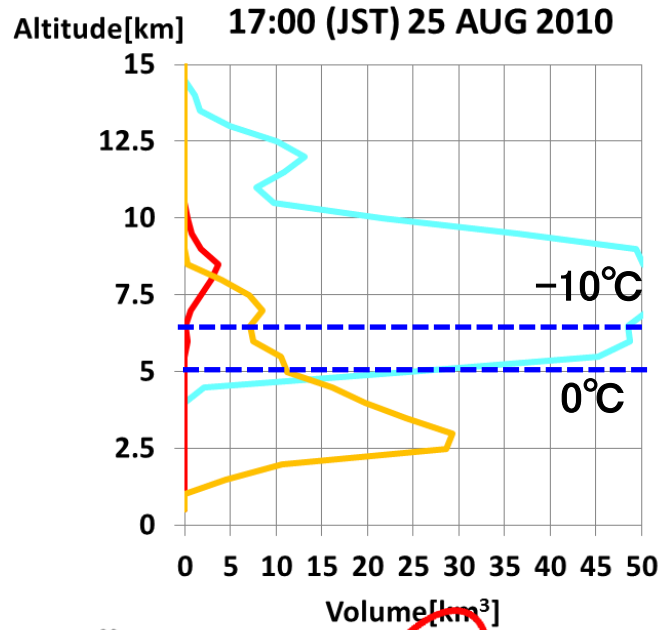
Vertical Distributions of volumes of hydrometeor



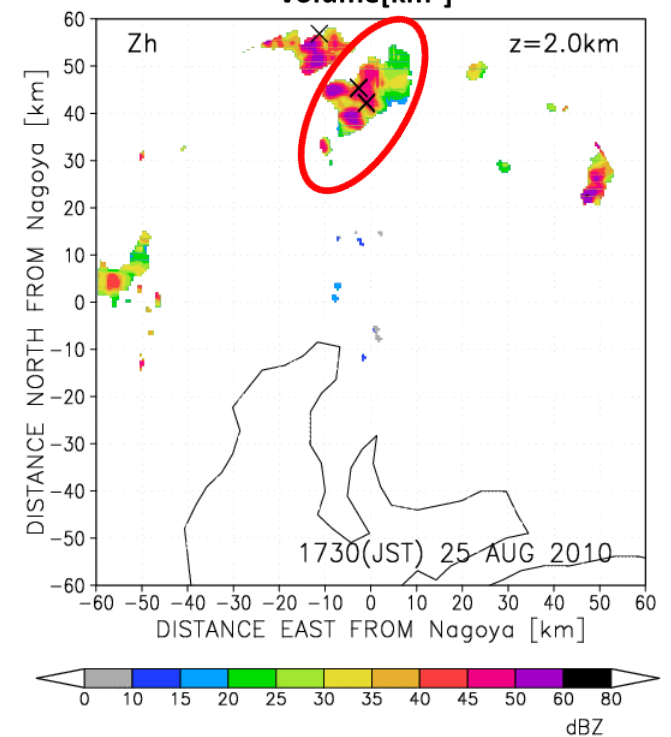
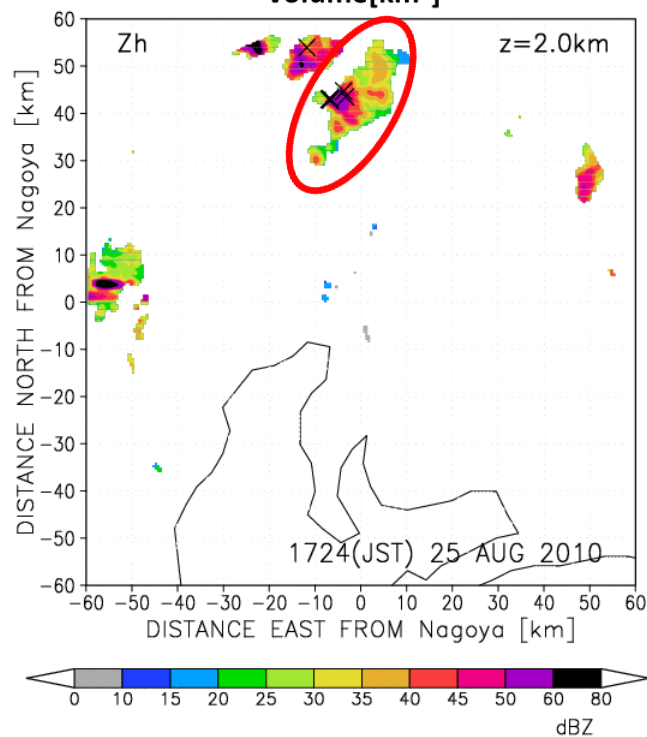
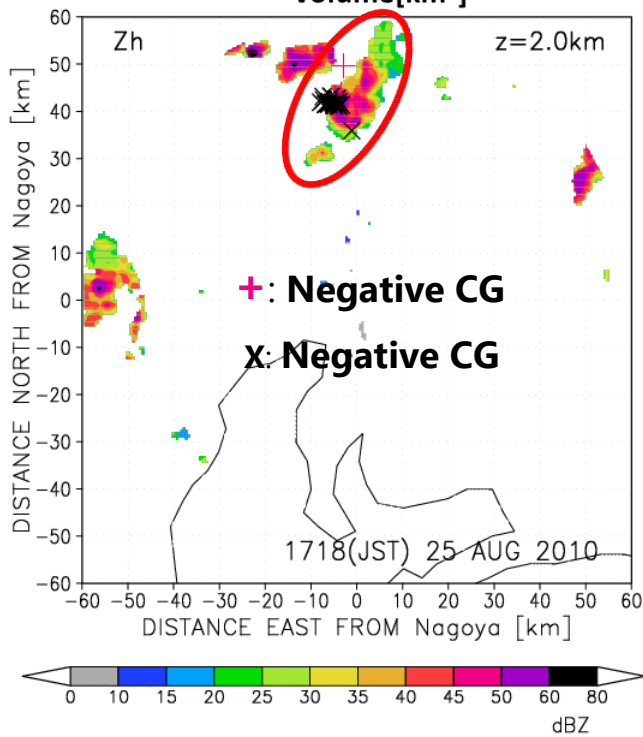
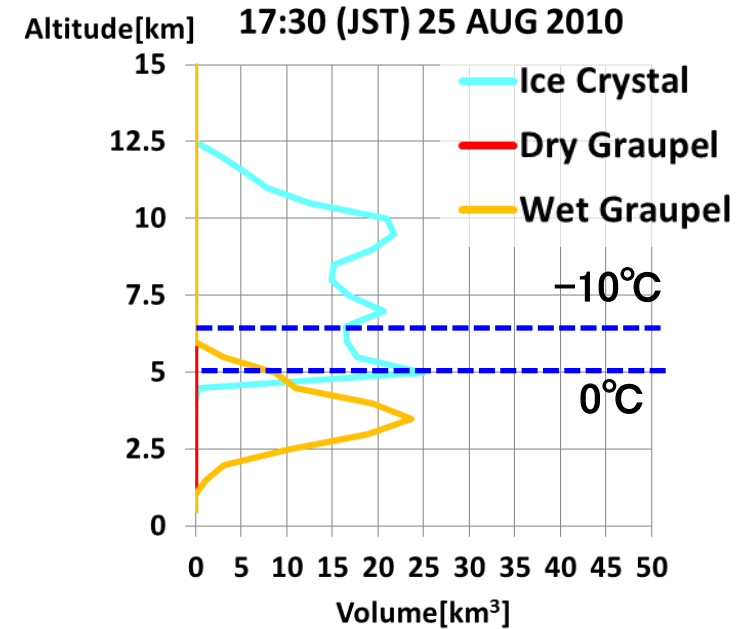
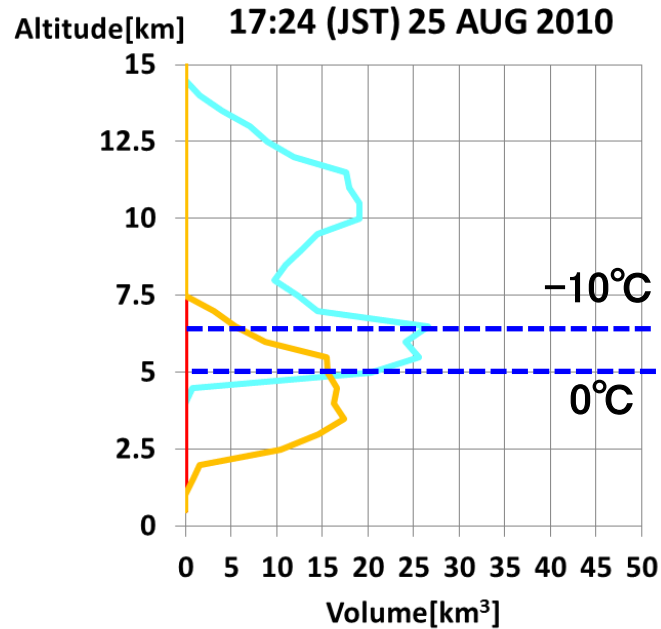
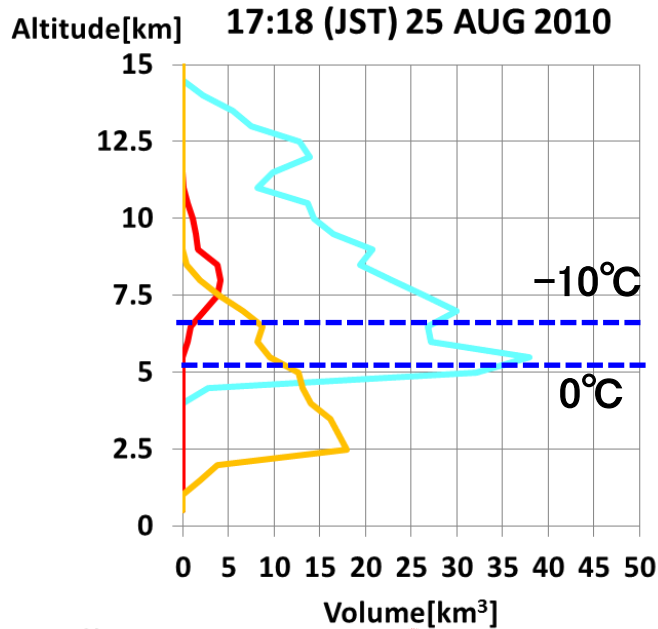
Vertical Distributions of volumes of hydrometeor



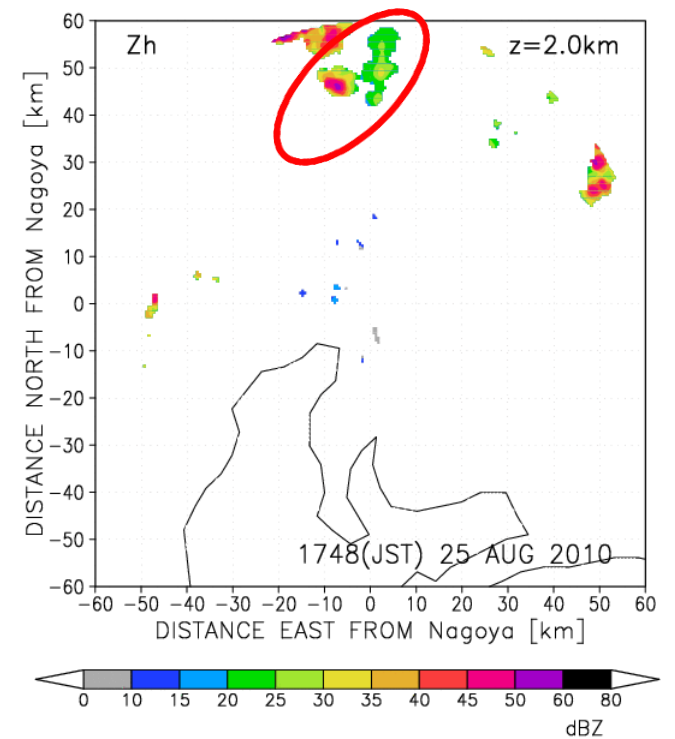
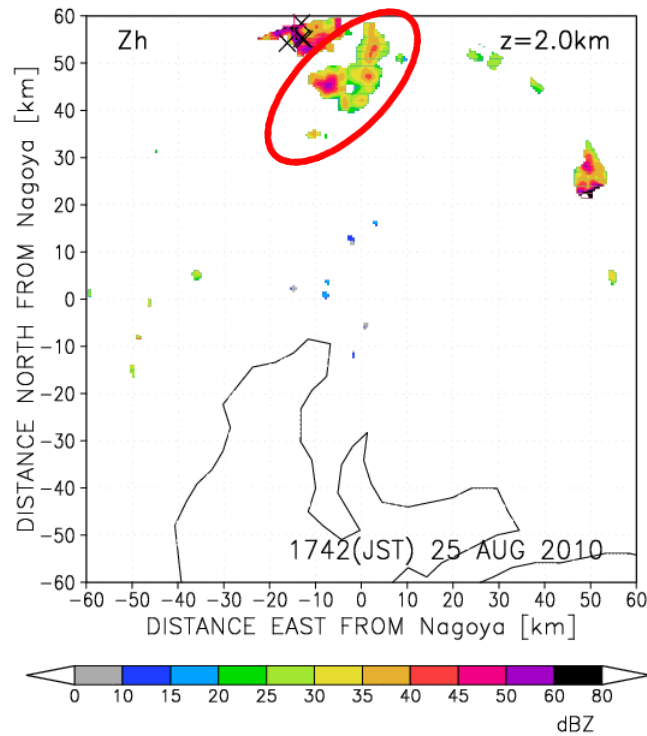
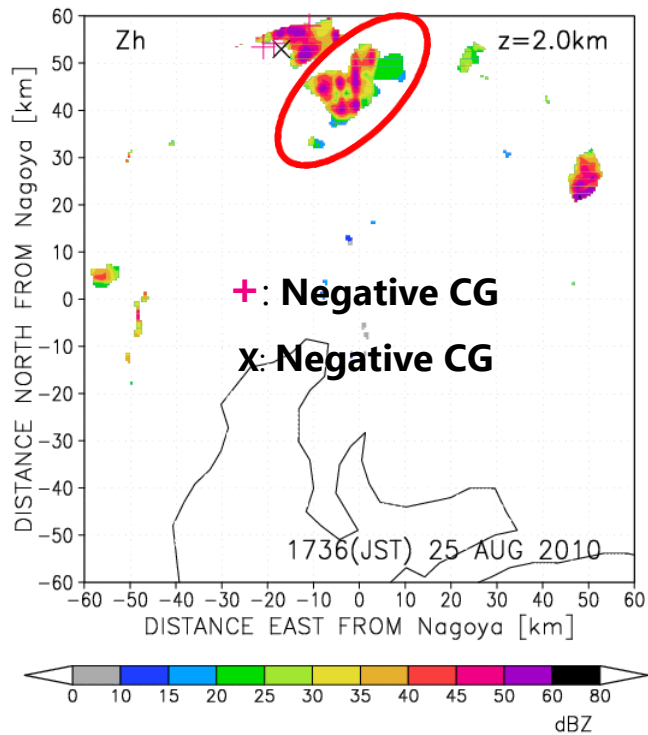
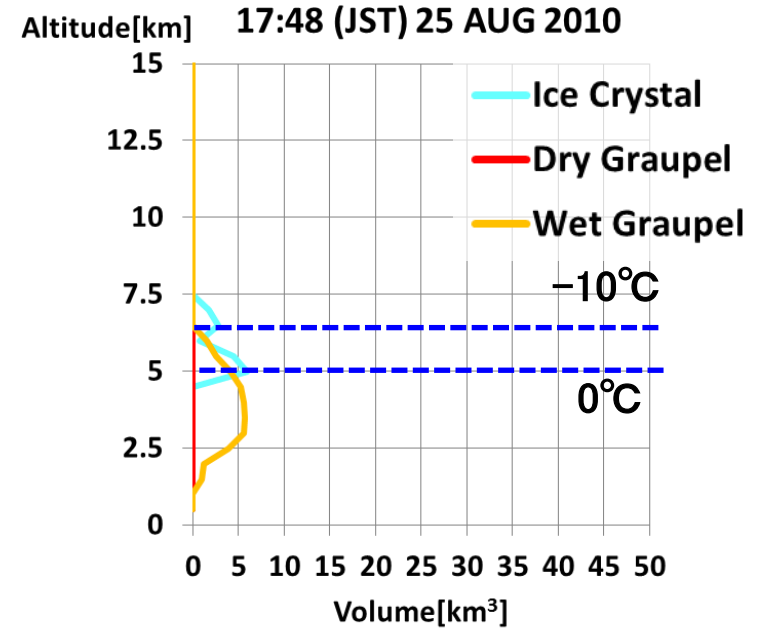
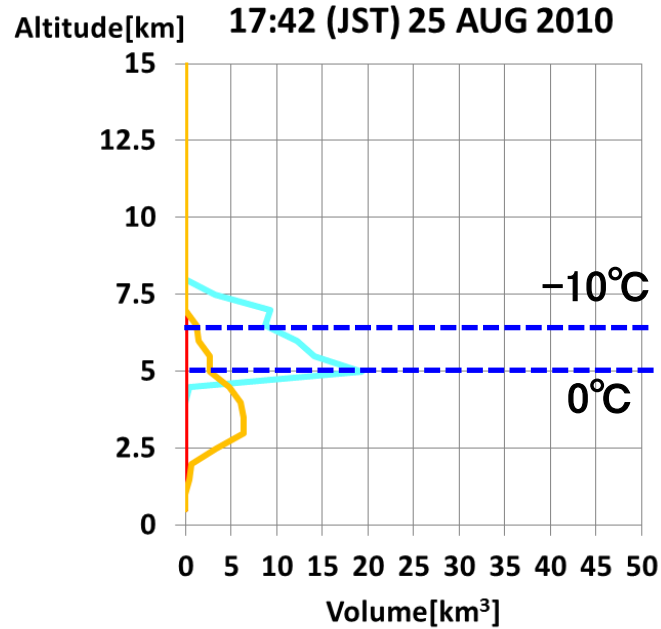
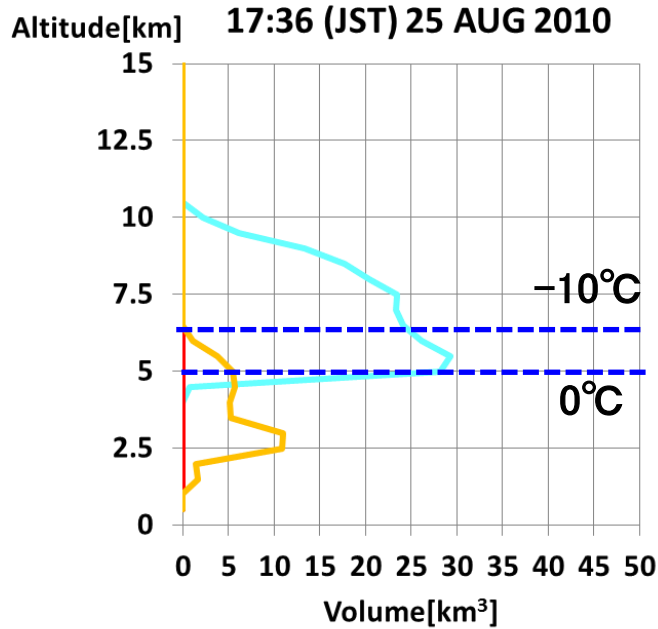
Vertical Distributions of volumes of hydrometeor



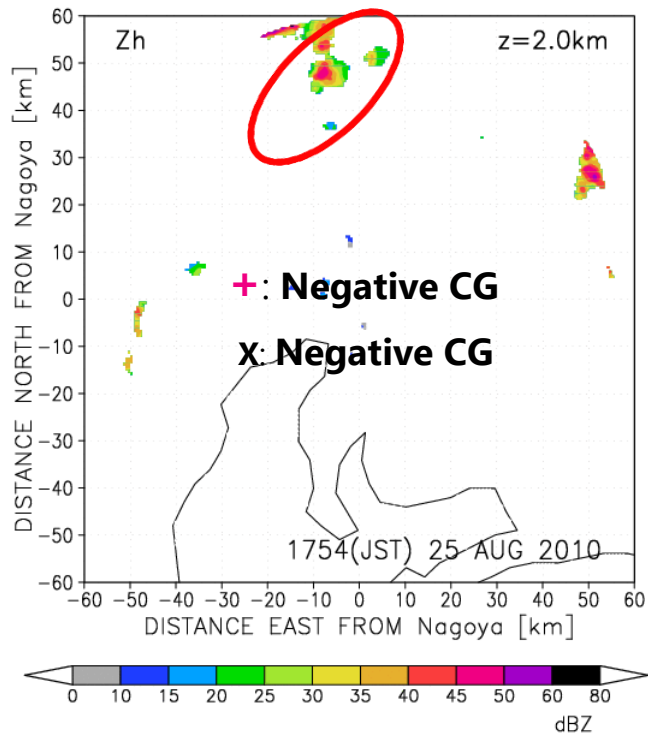
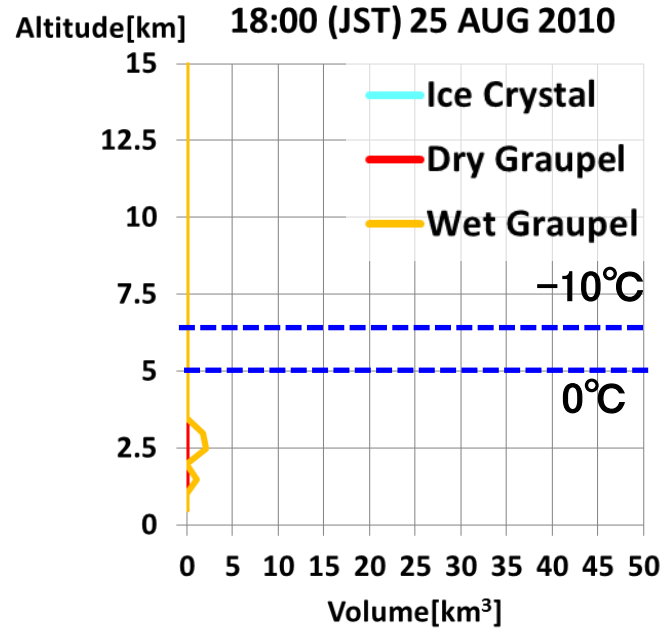
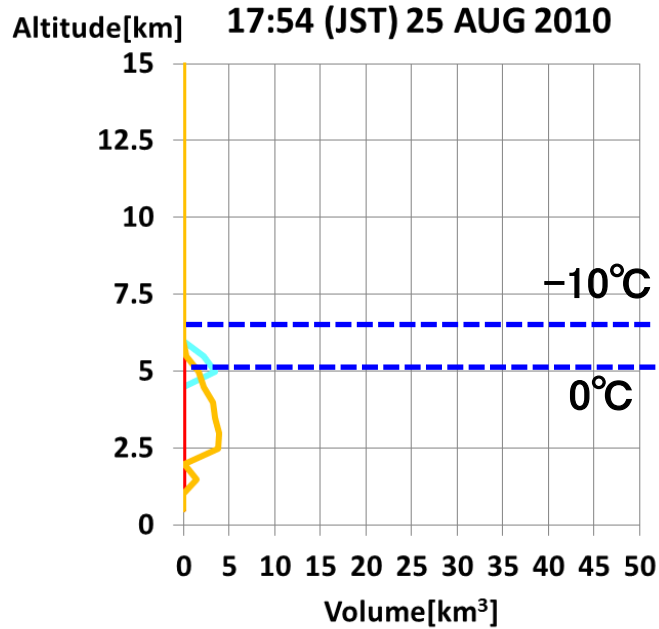
Vertical Distributions of volumes of hydrometeor



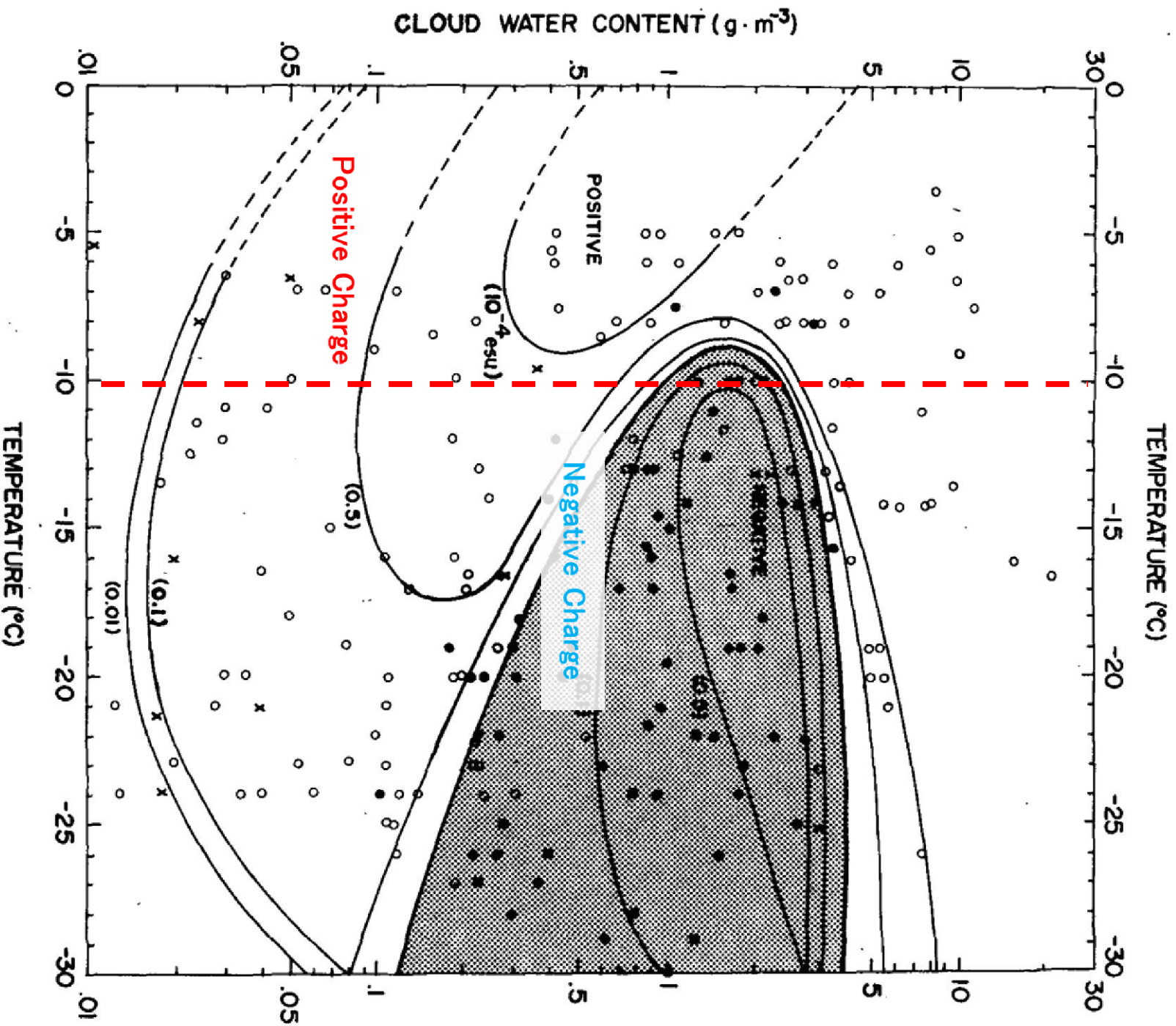
Vertical Distributions of volumes of hydrometeor



Vertical Distributions of volumes of hydrometeor



Charge of Graupel



From Takahashi (1978)