Maximum dimension $D$ [m] in log10

$t = 2040$ s (towering)

$t = 3000$ s (mature)

$t = 5400$ s (dissipating)

Terminal velocity $v^\infty$ [m s$^{-1}$] in log10

Stokes' law for ice sphere
Column (SC85)
Hexagonal plate ($L/(2a)=0.05$) (W08)
Hexagonal column ($L/(2a)=20$) (W08)
Plate (H72)
Dendrite (H72)
Needle (H72)
Hexagonal plate (HK87)
Stellar (HK87)
Side plane (LH74)

Mass density $\text{[kg/(unit log10 } D)/(unit log10 v^\infty)]\text{]}

Cloud ice
Graupel
Snow

Aggregate of planar crystals (H02)
Aggregate of unrimed dendrites (LH74)
Aggregate of densely rimed dendrites (LH74)
Aggregate of unrimed radiating assemblages of plates, side planes, bullets, and columns (LH74)
Aggregate of unrimed side planes (LH74)

Hail (M96)
Fresh hail (KH83)
Hail and large graupel (A72)
Lump graupel (LH74)
Lump graupel (HK87)
Densely rimed column (LH74)
Densely rimed dendrite (LH74)
Densely rimed radiating assemblage of dendrites (LH74)