

Precipitation Processes

Rain Size Distribution

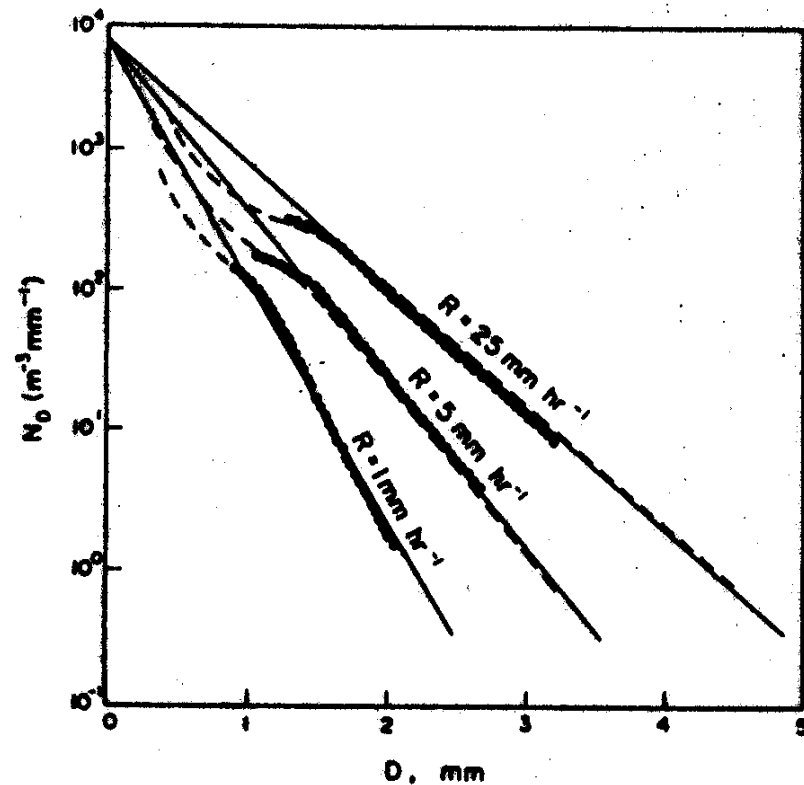


FIG. 10.2. Measured drop-size distributions (dotted lines) compared with best-fit exponential curves (straight lines) and distributions reported by others (dashed lines). (From Marshall and Palmer, 1948.)

Snow Size Distribution

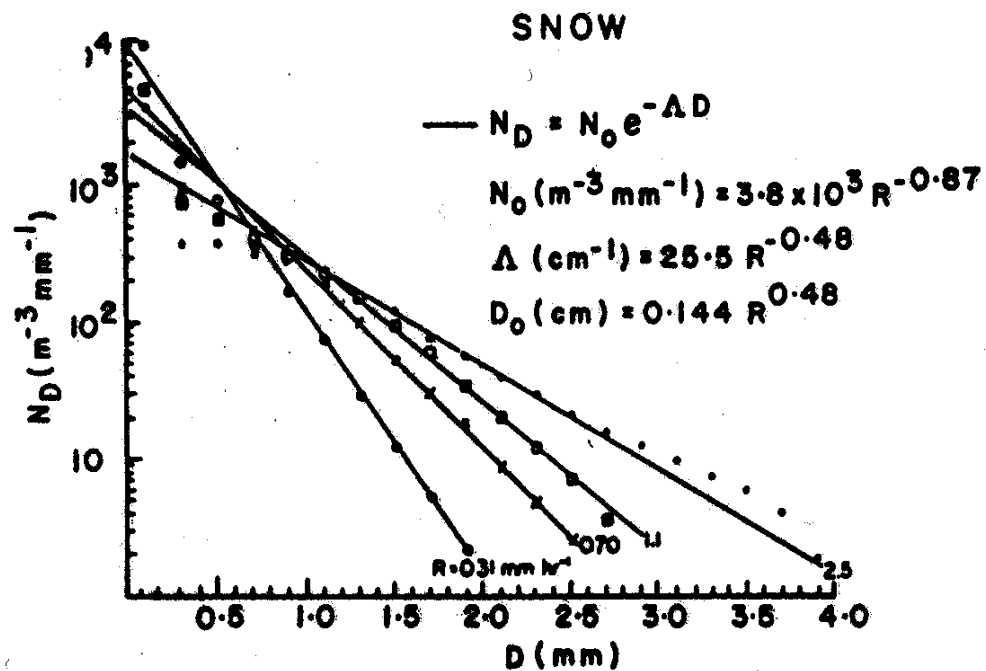
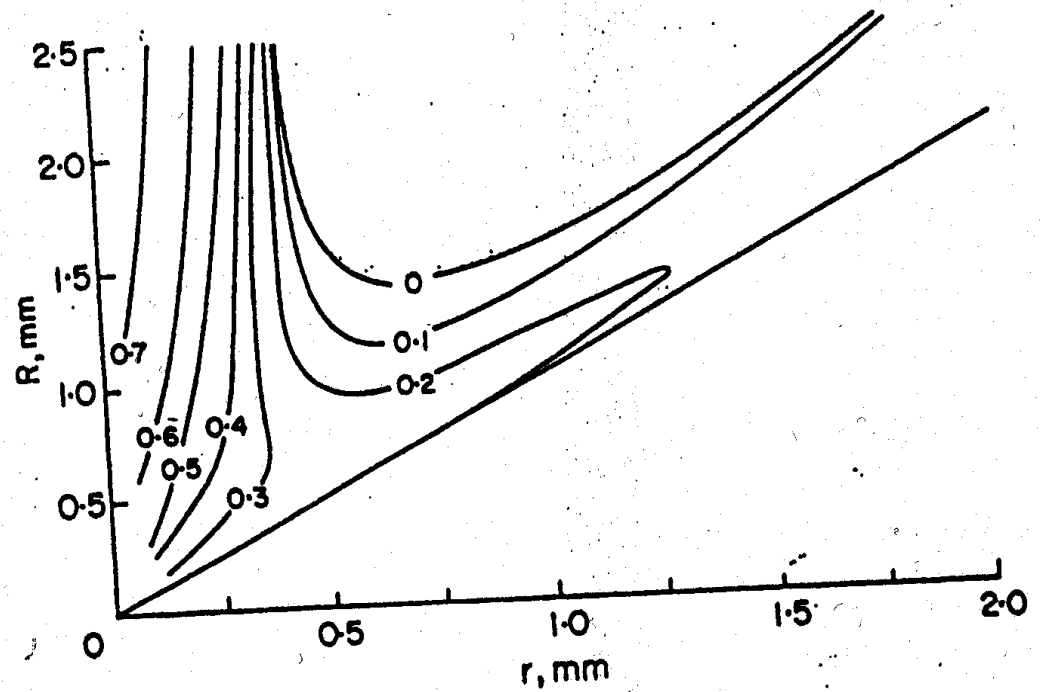
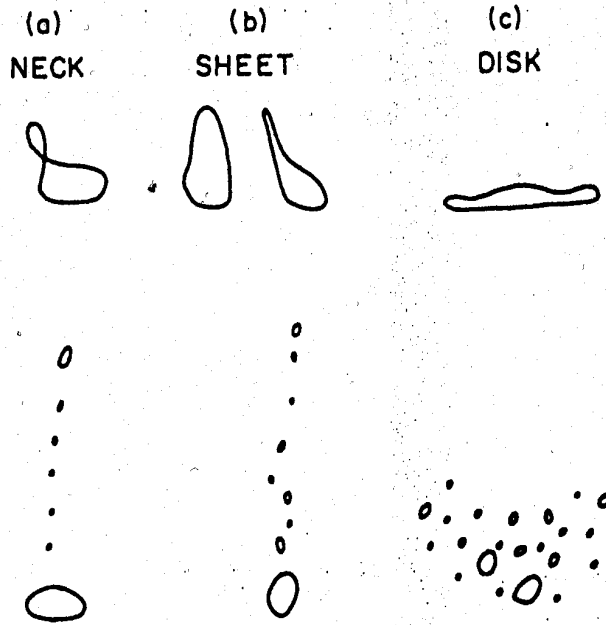
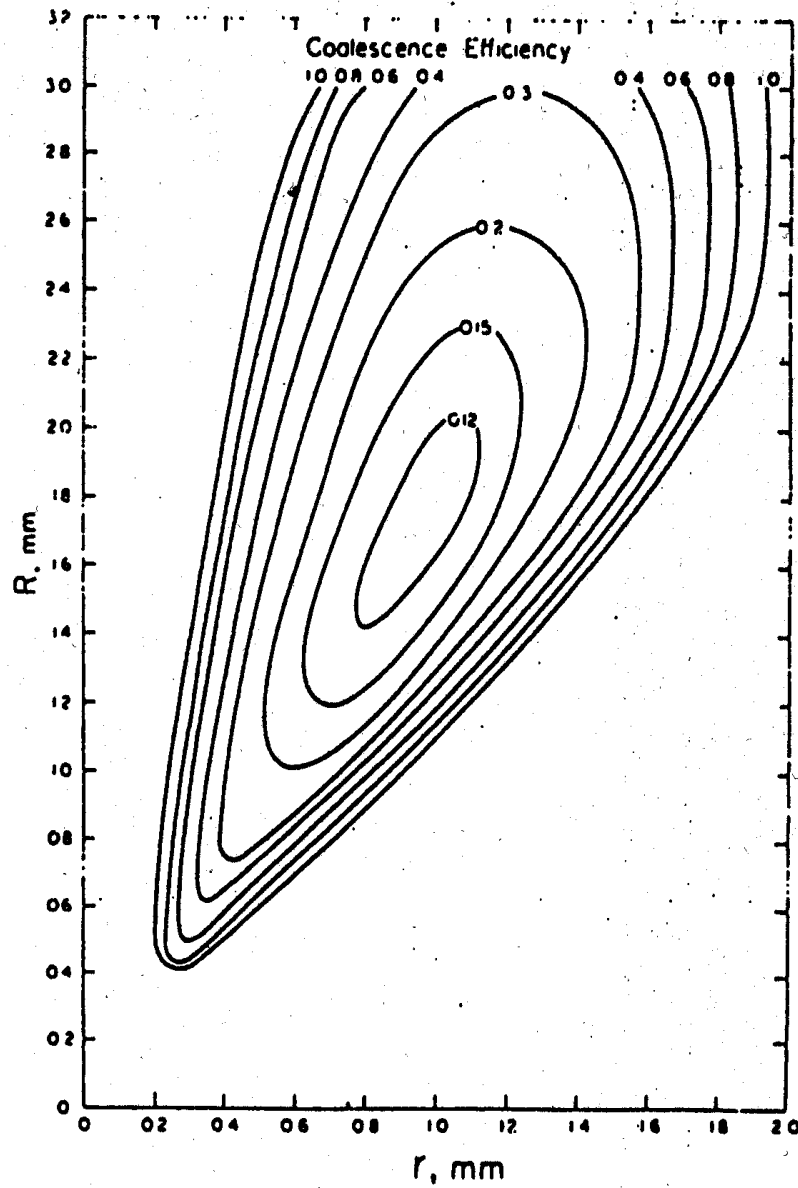


FIG. 10.9. Size distributions of snowflakes in terms of diameters of drops produced by melting the snowflakes. (From Gunn and Marshall, 1958.)

Drop Breakup





R&Y Fig 10.3 Coalescence Efficiency, with drop breakup included