

| Variables                 | Units                            | Acronym          |
|---------------------------|----------------------------------|------------------|
| Rain rate, mean and max   | $\text{mm h}^{-1}$               | <i>R, Rm, RM</i> |
| Precipitation accumulated | mm                               | <i>P</i>         |
| Number of particles       | $\text{min}^{-1}$                | NP, NPm          |
| Particle density          | $\text{m}^{-3} \text{mm}^{-1}$   | ND, NDm          |
| Radar reflectivity        | dBZ                              | <i>Z</i>         |
| Kinetic energy            | $\text{J m}^{-2} \text{mm}^{-1}$ | <i>E, Em, EM</i> |
| 10th PSD percentile       | mm                               | <i>D10</i>       |
| 50th PSD percentile       | mm                               | <i>D50</i>       |
| 90th PSD percentile       | mm                               | <i>D90</i>       |
| Mean PSD                  | mm                               | <i>Dm</i>        |
| 10th PVD percentile       | $\text{m s}^{-1}$                | <i>V10</i>       |
| 50th PVD percentile       | $\text{m s}^{-1}$                | <i>V50</i>       |
| 90th PVD percentile       | $\text{m s}^{-1}$                | <i>V90</i>       |
| Mean PVD                  | mm                               | <i>Vm</i>        |