

PMP, the within-storm depth-area relation will give depths less than PMP for smaller area sizes.

Analogously, the without-storm depth-area relation represents the areal variation of precipitation for areas greater than the PMP storm and will give depths less than PMP for larger area sizes. This

concept is illustrated in the schematic diagram shown in Figure 5.8. In this figure, the curve of precipitation for areas in the PMP storm outside the area size of the PMP pattern describes a without-storm depth-area relation. The precipitation described by the without-storm relation is the residual precipitation.

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