

1km Rainfall Depth-Duration-Frequency Grids

Description

1km rainfall depth-duration-frequency grids. Each grid gives point rainfall depth estimates for a specified duration (hours) and return period (years). Grids are derived from the six-parameter FEH rainfall depth-duration-frequency (DDF) model as described in the Flood Estimation Handbook Vol. 2.

Basic metadata:

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Values at intersections of 1 km grid lines

Units: 0.1 mm (e.g. a value of 1 mm will be represented as 10).

Supply format: Arc/Info gridascii

Files named as: 13jan15__KAM_0_391_426_403_438;

where:

13jan15 = extraction date;

KAM = Return period/Duration code (see below);

391_426_403_438 = xmin_ymin_xmax_ymax.

Return period (years)	1 hour	3 hour
5	\$KAD	\$KCD
10	\$KAE	\$KCE
30	\$KAI	\$KCI
50	\$KAK	\$KCK
100	\$KAM	\$KCM
200	\$KAO	\$KCO