

Disclaimer & Technical Notes of Runoff Grid(mm)

1. Runoff Maps (current and one day forecast) of the country is computed using slope corrected curve number grids of different AMC conditions. All India CN grid is prepared using 250 k LULC, Soil Map from NBSS&LUP, and 30m CARTO DEM.
2. Model computes 5 day Antecedent Moisture condition (AMC) condition based on GPM/ IMD-GPM Merged/ GEFS (used in order, which is decided based on availability) rainfall source data.
3. GPM/IMD-GPM Merged/GEFS rainfall data is used for current day runoff calculation and GEFS data is used for calculating one day forecast runoff in the country (previous day 8:30 AM to current day 8:30 AM rainfall is considered as current day rainfall for example current date is 02-Jan-2018 then rainfall is used from 01-Jan-2018 08:30 AM to 02-Jan-2018 08:30 AM and runoff is calculated accordingly).
4. The runoff grids are computed and disseminated to know overall runoff pattern across the country to assess flood situation. As these are calculated based on satellite based rainfall, these may not be very accurate.

Further any queries and feedback, please contact at:

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