



Legend

- ★ Governorate Capital
- City
- District boundary
- Governorate boundary
- Road
- Watershed boundary
- Runoff Volume Accumulation (m3)  
0 9,380,660

The runoff accumulation was derived by calculating the flow accumulation from a Digital Elevation Model and using the Runoff volume as a weight. The rain intensity return period takes into account daily rainfall data from 1984 to 2019, and it represents estimated maximum rainfall intensity occurring in a timespan of 50 years, with a duration of 24 hours. It was calculated through the generation of a generalized extreme event distribution (GEV).

Coordinate System: WGS 1984 UTM Zone 38N  
File: REACH\_YEM\_MAP\_RunoffAccumulation\_Ma'rib\_21May2020\_A0\_EN\_V1.pdf  
Contact: reach.mapping@impact-initiatives.org

*Note: The results of this exploratory analysis are not to be used for strategic planning. Methods are unverified by hydrological experts. Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associated, donors mentioned on this map.*