

Arid Region Hydrology Addendum FAQ's

- ***Our study includes a large watersheds that covers 2 different AMC areas?***
Use the appropriate AMC designation for each subarea. In some cases, sub-area delineation should be based on AMC boundaries.
- ***Are there any proposed changes for those areas that are designated as AMC III?***
There are no proposed changes.
- ***How will detention basin hydrology change?***
Detention Basin hydrology will only change in areas where AMC I is appropriate.
- ***What AMC should I use for basin routing in the areas with AMC I?***
The proposed addendum for AMC I was based on 5 day rainfall. Sub-regional detention basin design/routing may use AMC I if a 5 day storm is analyzed in the design.
- ***Will AMC III still be used for basin routing everywhere else? Or will AMC II be allowed in some places for basins?***
The addendum only affects desert areas as shown on the map. The proposed addendum for AMC II was based on 5 day rainfall. Sub-regional detention basin design/routing may use AMC II if a 5 day storm is analyzed in the design. AMC III will be used for basin design in other areas.
- ***The addendum states that additional data from DWR was not used and should be considered for appropriateness in studies submitted to the County.***
We recommend that additional data be considered only for regional or master plan studies such as Oro Grande Wash.
- ***The addendum recommends using NOAA Atlas 14 depths and durations in accordance with our Hydrology Manual.***
NOAA's Precipitation Frequency Data Server provides depths and durations for locations in San Bernardino County. Locations should be selected to adequately describe the drainage area as one would use an Isohyetal map contained in our hydrology manual.

Please contact Water Resources Division at (909) 387-8213 for any other questions.