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| How to | Source – Generate unit hydrograph (gamma function) for use in Source |
| Description | How to generate and select the unit Hydrograph as input for Source model |
| Comments | “quotes” refer to the screenshots, which may deviate from the application |
| version | 2018-02 |

  
A Unit Hydrograph can be generated by use of the so-called gamma function, which can be used as a short term forecast input for Source. See “HowTo\_Source\_Prepare Q\_comb” for information on the other available ways to provide a flow forecast to Source.

1. Select Workflows > River Operations > Source > Prepare Q\_comb
2. In the Modifier display, select Gamma as Type, modify the parameters as required:
   1. Peak Q: Peak flow [ML/day], is added to latest observation
   2. Peak timing: Timing peak flow [days from now]
   3. AREA: Catchment area [acres]. Required, but default value is not available for all
3. Apply and (Re-)run the task, the unit hydrograph is now integrated into the input for Source.



