

Qualification Codes for Peak Flow Data

C1 = Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.

C2 = Crest information looks reliable despite potential problems. This data was used in frequency calculations.

C3 = Crest height estimated by the USGS..

C4 = Crest height is from the National Weather Service.

C5 = Crest height affected by backwater.

C6 = Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.

C7 = Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects.

C8 = Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.

C9 = Crest date (day) in the month is unknown.

F1 = Flow is an estimate.

F2 = Flow affected by regulation or diversion and in some cases to an unknown degree.

F3 = Flow effected by snow-melt, ice jam or debris jam break up.

F4 = Flow affected by dam failure.

F5 = Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.

G1 = Gage height at a different site and/or datum.

G2 = Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.

G3 = Gage datum changed during this year.

none = No Code