

Recommended Edits to the 6-8-15 Draft Statistical Flood Standards
Flood Standards Development Committee Meeting
June 30 – July 1, 2015

SF-1, Flood Modeled Results and Goodness-of-Fit

Disclosures

Professional Team: **Technical/Editorial**

Explanation: Depth is computed from two parameters, water surface elevation and ground elevation, and both can influence models results. Standard VF-1.D includes both depth and elevation.

Amendatory Language:

2. Describe the nature and results of the tests performed to validate the flood extent and [elevations](#)/depths generated, [and in the case of coastal flooding, to validate wave conditions](#).

SF-5, Replication of Known Flood Losses

Audit

Professional Team: **Technical/Editorial**

Amendatory Language:

1. The following information for each flood event will be reviewed:
 - a. The validity of the flood model assessed by comparing expected flood losses produced by the flood model to actual observed flood losses incurred by insurers at both the state and county level,
 - b. The version of the flood model used to calculate modeled flood losses for each flood event provided,
 - c. A general description of the data and its sources,
 - d. A disclosure of any material mismatch of exposure and flood loss data problems, or other material consideration,
 - e. The date of the exposures used for modeling and the date of the flood event,
 - f. An explanation of differences in the actual and modeled flood parameters,
 - g. A listing of the departures, if any, in the flood extent and depths [\(and in the case of coastal flooding, waves conditions\)](#) applied to a particular flood event for the purpose of validation and the flood extent and depths [\(and wave conditions\)](#) used in the flood model under consideration,
 - h. The type of property used in each flood event to address:
 - (1) Personal Residential structures
 - (2) Manufactured housing
 - (3) Condominiums

- (4) Structures only
- (5) Contents only,
- i. The inclusion of demand surge, wind losses, loss adjustment expenses, or law and ordinance coverage in the actual flood losses or the modeled flood losses.

SF-6, Comparison of Projected Flood Loss Costs

Audit

Professional Team: **Technical/Editorial**

Amendatory Language:

1. Justification for the following will be reviewed:
 - a. Meteorological/Hydrological parameters,
 - b. The departures, if any, from the flood extent and depths, [coastal wave conditions](#), flood vulnerability functions, or flood insurance functions applied to the actual flood events for the purposes of this test and those used in the flood model under consideration,
 - c. Exposure assumptions.