**Florida Commission on**

**Hurricane Loss Projection Methodology**

### Flood Model Identification

**Name of Flood Model:**

**Flood Model Version Identification:**

**Interim Flood Model Update Version Identification:**

**Flood Model Platform Name and Identifications:**

**Interim Data Update Designation:**

**Name of Modeling Organization:**

**Street Address:**

**City, State, ZIP Code:**

**Mailing Address, if different from above:**

**Contact Person:**

**Phone Number:**  **Fax Number:**

**E-mail Address:**

**Date:**

**Flood Model Submission Data**

The following input data have been provided to the modeling organization on the enclosed CD.

**Input Data**

| **Name** | **Description** |
| --- | --- |
| NotionalInput17\_Flood.xlsx | Notional structures and location grids for Form AF-1, Zero Deductible Personal Residential Standard Flood Loss Costs and Form AF-5, Logical Relationship to Flood Risk (Trade Secret Item) |
| VFEventFormsInput17.xlsx | Sample personal residential exposure data for 26 flood depths and 8 reference structures defined in Forms VF-1, Coastal Flood with Damaging Wave Action and VF-2, Inland Flood by Flood Depth |
| 2017FormAF1.xlsx | Standard flood loss cost data format for Form AF-1, Zero Deductible Personal Residential Standard Flood Loss Costs |
| 2017FormAF3.xlsx | Standard flood loss costs data format for Form AF-3, Personal Residential Standard Flood Loss Costs by ZIP Code |
| 2017FormAF4.xlsx | Flood output ranges format for Form AF-4, Flood Output Ranges |
| 2017FormAF5.xlsx | Logical relationship to flood risk exhibits format for Form AF-5, Logical Relationship to Flood Risk (Trade Secret Item) |

Output shall be provided in specified output files as listed below. XXX denotes the abbreviated name of the modeling organization.

**Output Data**

| **Name** | **Description** |
| --- | --- |
| XXX17FormVF3.xlsx | Output data from Form VF-3, Flood Mitigation Measures Range of Changes in Flood Damage |
| XXX17FormVF4.xlsx | Output data from Form VF-4, Coastal Flood Mitigation Measures, Mean Coastal Flood Damage Ratios and Coastal Flood Damage/$1,000 (Trade Secret Item) |
| XXX17FormVF5.xlsx | Output data from Form VF-5, Inland Flood Mitigation Measures, Mean Inland Flood Damage Ratios and Inland Flood Damage/$1,000 (Trade Secret Item) |
| XXX17FormAF1.xlsx and  XXX17FormAF1.pdf | Underlying flood loss cost data from Form AF-1, Zero Deductible Personal Residential Standard Flood Loss Costs |
| XXX17FormAF2.xlsx | Output data from Form AF-2, Total Flood Statewide Loss Costs |
| XXX17FormAF3.xlsx | Output data from Form AF-3, Personal Residential Standard Flood Loss Costs by ZIP Code |
| XXX17FormAF4.xlsx | Flood output range exhibits from Form AF-4, Flood Output Ranges |
| XXX17FormAF5.xlsx | Output data from Form AF-5, Logical Relationship to Flood Risk (Trade Secret Item) |
| **Name** | **Description** |
| XXX17FormAF6.xlsx | Output data from Form AF-6, Flood Probable Maximum Loss for Florida |

The modeling organization shall run various scenario flood events through the flood model on the input exposure data. The referenced output forms shall be completed and loss files provided in Excel and PDF format as specified. Forms designated as a Trade Secret Item are to be provided if not considered as trade secret. The file names shall include the abbreviated name of the modeling organization, the flood standards year, and the form name. Revised files shall also include the revision date.

**Notional Set 1 – Deductible Sensitivity**



**Notional Set 2 – Policy Form Sensitivity**



**Notional Set 3 – Policy Form/Construction Sensitivity**



**Notional Set 4 – Coverage Sensitivity**



**Notional Set 5 – Year Built Sensitivity**



**Notional Set 6 – Foundation Type Sensitivity**



**Notional Set 7 – Condo Unit Floor Sensitivity**



**Notional Set 8 – Number of Stories Sensitivity**



**Notional Set 9 – Lowest Floor Elevation of Residential Structure Sensitivity**



***Figure 2***

**Florida County Codes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **County** | **County** |  | **County** | **County** |  | **County** | **County** |
| **Code** | **Name** |  | **Code** | **Name** |  | **Code** | **Name** |
|  |  |  |  |  |  |  |  |
| **001** | Alachua |  | **049** | Hardee |  | **093** | Okeechobee |
| **003** | Baker |  | **051** | Hendry |  | **095** | Orange |
| **005** | Bay |  | **053** | Hernando |  | **097** | Osceola |
| **007** | Bradford |  | **055** | Highlands |  | **099** | Palm Beach |
| **009** | Brevard |  | **057** | Hillsborough |  | **101** | Pasco |
| **011** | Broward |  | **059** | Holmes |  | **103** | Pinellas |
| **013** | Calhoun |  | **061** | Indian River |  | **105** | Polk |
| **015** | Charlotte |  | **063** | Jackson |  | **107** | Putnam |
| **017** | Citrus |  | **065** | Jefferson |  | **109** | St. Johns |
| **019** | Clay |  | **067** | Lafayette |  | **111** | St. Lucie |
| **021** | Collier |  | **069** | Lake |  | **113** | Santa Rosa |
| **023** | Columbia |  | **071** | Lee |  | **115** | Sarasota |
| **027** | De Soto |  | **073** | Leon |  | **117** | Seminole |
| **029** | Dixie |  | **075** | Levy |  | **119** | Sumter |
| **031** | Duval |  | **077** | Liberty |  | **121** | Suwannee |
| **033** | Escambia |  | **079** | Madison |  | **123** | Taylor |
| **035** | Flagler |  | **081** | Manatee |  | **125** | Union |
| **037** | Franklin |  | **083** | Marion |  | **127** | Volusia |
| **039** | Gadsden |  | **085** | Martin |  | **129** | Wakulla |
| **041** | Gilchrist |  | **086** | Miami-Dade |  | **131** | Walton |
| **043** | Glades |  | **087** | Monroe |  | **133** | Washington |
| **045** | Gulf |  | **089** | Nassau |  |  |  |
| **047** | Hamilton |  | **091** | Okaloosa |  |  |  |

**Note**: These codes are derived from the Federal Information Processing Standards (FIPS) Codes.

***Figure 3***

**State of Florida**

**By County**

