



## Damage Indicators for Conventional Dwellings-2016

| Damage Definitions  | General Description  | Things to Look For   | Water Levels   |
|---|--|--|--|
| <b>DESTROYED</b>  | <b>DESTROYED</b>   | <b>DESTROYED</b>   | <b>DESTROYED</b>   |
| Structure is permanently uninhabitable.<br><br><u>Not economically feasible to rebuild.</u>   | Structure leveled above the foundation, or second floor is gone. Foundation or basement is significantly damaged.                      | Only foundation remains<br>A residence that will require immediate demolition or removal because of disaster related danger (impeding landslides, mudslides or sinkholes).   | Complete failure of 2 or more major structural components (collapse of basement walls/foundation,walls,roof).  |
| <b>MAJOR</b>  | <b>MAJOR</b>   | <b>MAJOR</b>   | <b>MAJOR</b>   |
| Structure is currently uninhabitable. Extensive repairs are necessary to make habitable.<br><br><u>Will take more than 30 days to repair.</u> | Walls collapsed. Exterior frame damaged. Roof off or collapsed. Major damage to utilities: furnace, water heater, well, septic system. | Failure or partial failure to structural elements of roof over required rooms (rafters, ceiling, joists, ridge boards).<br>Failure or partial failure to structural elements of walls (frames,ing, sheathing, etc.)<br>Failure or partial failure to foundation to include crumbling, buldging, collapsing, horizontal cracks of more than 2 inches, and shifting of residence on foundation of more than 6 inch   | <ul style="list-style-type: none"> <li>Water line above 18" in essential living area above electrical outlets, or a waterline on 1<sup>st</sup> floor of residence with a basement.</li> </ul> |
| <b>MINOR</b>  | <b>MINOR</b>   | <b>MINOR</b>   | <b>MINOR</b>   |
| Structure is damaged, and uninhabitable. Minor repairs are necessary to make habitable.<br><br><u>Will take less than 30 days to repair.</u>  | Interior flooring / exterior walls with minor damage.<br>Septic system, wells contaminated.  | Nonstructural damage of roof over essential living area to include shingles e.g. roof covering, fascia board, soffit, flashing, skylights.<br>Nonstructural to interior walls to include drywall, insulation,<br>Nonstructural damage to exterior components<br>Multiple small vertical cracks in foundation.<br>Damage to chimney<br>Damage to mechanical components e.e. furnace, boiler, water heater, HVAC.<br>Damage or contaminated well or septic system. | <ul style="list-style-type: none"> <li>* Water line up to 18 " in essential living area.</li> <li>* damage to mechanical components (e.g.furnace, water heater, HVAC)</li> </ul>               |
| <b>AFFECTED HABITABLE</b>   | <b>AFFECTED HABITABLE</b>  | <b>AFFECTED HABITABLE</b>  | <b>AFFECTED HABITABLE</b>  |
| Structure has received minimal damage and is <u>habitable without repairs.</u>  | Chimney or porch damaged. Carpet on first floor soaked. Broken windows.  | Partial missing shingles or siding<br>Cosmetic damage such as loose siding<br>Broken screens<br>Gutter damage and debris<br>Damage to attached structure such as porch, carport, garage, out buildings<br>Damage to landscaping, retaining wall, trees down that do not affect home.   | Any water line in crawl space or basement when essential living space or mechanical components are not damaged or submerged.   |

## Guidelines for Determining Damage to Mobile Homes - 2016

This matrix should serve as broad guidance for field staff conducting Preliminary Disaster Assessments (PDA). Actual decisions for awarding disaster assistance are based on individualized, more-in-depth inspections. These inspections take into account the age of the unit, pre-disaster conditions, sewage and other contaminants in the flood water, and other disaster specific conditions.

| <b>Degree of Damage</b> | <b>Program Description</b>   | <b>Operational Mechanics</b>   |   |
|-------------------------|--|--|---|
|                         |  | <b>For Flood Damage</b>  | <b>For Damages Other than Flood (i.e. Wind Driven Rain, Earthquake)</b>   |
| <b>Destroyed</b>        | The structure is a total loss; damaged to such an extent that repairs are not economically feasible. There is no value associated with the structure except for its basic material content (scrap).                              | The residence is a total loss.   | The dwelling's frame must be bent, twisted or otherwise compromised. The dwelling must be missing the roof or has sustained significant damage to the roof covering, sheathing, and framing.  |
| <b>Major</b>            | The structure has sustained structural or significant damages; uninhabitable dwelling that requires extensive repairs. The dwelling is unusable in its current condition and cannot be made habitable in a short period of time. | Water has come in contact with the floor system. The residence has been displaced from foundation, blocks, or piers and other structural components have been damaged. | The residence has been displaced from the foundation, blocks, piers or other structural components have been damaged.   |
| <b>Minor</b>            | The structure is damaged and uninhabitable, but may be made habitable in a short period of time with minimal home repairs. The dwelling has some damage, but can be used without significant repair (repairable).                | Water line is below the floor system. Skirting or HVAC impacted. There is no structural damage to residence and it has not been moved from foundation.                 | There is no structural damage to residence and it has not been displaced from foundation. Nonstructural components have sustained damage (windows, doors, walls, coverings, roof, bottom board, insulation, ductwork, utility hookup. Skirting or HVAC is impacted. |
| <b>Affected</b>         | The structure has minimal damage, dwelling is habitable without repairs.   | No damage affecting habitability. Cosmetic damage only.  | The dwelling's frame is not bent, twisted, or otherwise compromised. No structural components of the dwelling have been damaged (i.e. windows, doors, wall coverings, roof, bottom board insulation, and/or utility hook up).                                       |