SIFOR Survey Questionnaires (community)

Province ______ County ______ township ______ village

________ indigenous /ethnic group ------- altitude (GPS Info.). Interviewer: ________

Interviewer/s __________ position __________ Gender ________ phone ________ time ________

### A. Community Basic Information

<table>
<thead>
<tr>
<th>No</th>
<th>Basic Item</th>
<th>2013</th>
<th>2008</th>
<th>2003</th>
<th>Reasons for change</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>Total Households (HH)</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>03</td>
<td>HH with both couples in farming (number)</td>
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<tr>
<td>04</td>
<td>HH with wife mainly in farming</td>
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<tr>
<td></td>
<td>HH with husband mainly in farming</td>
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<tr>
<td></td>
<td>Big HH with parents mainly in farming</td>
<td></td>
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<tr>
<td>05</td>
<td>HH with both couples in non farming</td>
<td></td>
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<tr>
<td>06</td>
<td>Total population (person)</td>
<td></td>
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<tr>
<td>07</td>
<td>Total labor (person)</td>
<td></td>
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<tr>
<td>08</td>
<td>Total actual farming labor (person)</td>
<td></td>
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</tr>
<tr>
<td>09</td>
<td>over 60 years old in farming Labor (%)</td>
<td></td>
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<tr>
<td>10</td>
<td>Women labor in farming Labor %</td>
<td></td>
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</tr>
<tr>
<td>11</td>
<td>Migrants in total labor (%)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>12</td>
<td>Women in total migrants (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Total forest land (ha)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Total cultivated land (ha)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Total staple Food crops area: (ha)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Staple Food crop 1: (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Staple Food crop 2: (%)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>杂交种比例 (%)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Bean crops: (ha)</td>
<td></td>
<td></td>
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<tr>
<td>19</td>
<td>Total cash crops area:……….. (ha)</td>
<td></td>
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<tr>
<td>20</td>
<td>Cash crop 1 (%)</td>
<td></td>
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</tr>
<tr>
<td>21</td>
<td>Cash crop 2 (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>other (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Per capita income (USD)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Agricultural income in the tot income (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Among it: food crops income… (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Cash crops income….. (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Livestock income…… (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Total non-farming income….. (%)</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
29 | .....migration income in the tot non-farming income……. (％) |
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**B. Cultivation and Adoption of major crops and varieties:**

<table>
<thead>
<tr>
<th>No</th>
<th>Crop</th>
<th>Variety</th>
<th>2013</th>
<th>2008</th>
<th>2003</th>
<th>Main Reason for changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Tot variety number</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>02</td>
<td>Landraces number</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>03</td>
<td>% of Landraces area in the crop’s tot area</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>04</td>
<td>% of landrace growing HH in the tot growing HH of the crop</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>05</td>
<td>Tot variety number</td>
<td></td>
<td></td>
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<tr>
<td>06</td>
<td>Landraces number</td>
<td></td>
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<tr>
<td>07</td>
<td>% of Landraces area in the crop’s tot area</td>
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<tr>
<td>08</td>
<td>% of landrace growing HH in the tot growing HH of the crop</td>
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<tr>
<td>09</td>
<td>Tot variety number</td>
<td></td>
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<tr>
<td>10</td>
<td>Landraces number</td>
<td></td>
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<tr>
<td>11</td>
<td>% of Landraces area in the crop’s tot area</td>
<td></td>
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<td></td>
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<tr>
<td>12</td>
<td>% of landrace growing HH in the tot growing HH of the crop</td>
<td></td>
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<tr>
<td>13</td>
<td>Tot variety number</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>14</td>
<td>Landraces number</td>
<td></td>
<td></td>
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<tr>
<td>15</td>
<td>% of Landraces area in</td>
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<tr>
<td>16</td>
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<td>17</td>
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</tbody>
</table>
the crop’s tot area
% of landrace growing
HH in the tot growing
HH of the crop

C1. Crop cultivation situation and comparison for changes in the last 10 years(1)

<table>
<thead>
<tr>
<th>Crop</th>
<th>Area (ha)</th>
<th>% of tot cultivated land</th>
<th>Cropping system(2)</th>
<th>Crop</th>
<th>Area (ha)</th>
<th>% of tot cultivated land</th>
<th>Cropping system</th>
<th>Crop</th>
<th>Area (ha)</th>
<th>% of tot cultivated land</th>
<th>Cropping system</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

Note: 1. list all crops, 2. ways of farming: annual cultivation, slash system, inter cropping, rotation etc

C2 : Two Staple food crops variety change in the last 30 years
(each country choose their own Staple crops, china choose maize and rice)

C2-1. Maize Variety change in the last 30 years

<table>
<thead>
<tr>
<th>Variety type</th>
<th>Number of variety</th>
<th>% of tot maize area</th>
<th>% of growing HH</th>
<th>Variety</th>
<th>Number of variety</th>
<th>% of tot maize area</th>
<th>% of growing HH</th>
<th>Variety</th>
<th>Number of variety</th>
<th>% of tot maize area</th>
<th>% of growing HH</th>
</tr>
</thead>
</table>
Landraces

Introduced improved Varieties:

Hybrids:

Note: Landraces: variety has grown for more than 10 years and can keep seed for next season. Introduced improved Varieties: variety introduced less than 10 years and can keep seed for next season. Hybrid: Introduced variety can not keep seed for next season, has to buy new seed every year.

C2-2. Rice Variety change in the last 10 years

<table>
<thead>
<tr>
<th>Variety type</th>
<th>2013</th>
<th>1998</th>
<th>1983</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of variety</td>
<td>% of tot rice area</td>
<td>% of growing</td>
</tr>
<tr>
<td>Landraces:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Introduced improved Varieties:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hybrids:</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Note: Landraces: variety has grown for more than 10 years and can keep seed for next season. Introduced improved Varieties: variety introduced less than 10 years and can keep seed for next season. Hybrid: Introduced variety can not keep seed for next season, has to buy new seed every year.

C3. Which crops and varieties were lost from our community in the last 30 years?

<table>
<thead>
<tr>
<th>Crop</th>
<th>Year Last Harvested</th>
<th>Traditional or Introduced?</th>
<th>Reason for Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td>Varieties</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Crop wild relatives</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
C4. Which new crops and varieties were introduced in your community in the last 30 years?

<table>
<thead>
<tr>
<th>Crop name</th>
<th>Type (cash or food)</th>
<th>Year Introduced</th>
<th>Reasons for introduced</th>
<th>Seed source</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Variety name</th>
<th>Type (improved or hybrid)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Crop wild relatives</th>
<th></th>
</tr>
</thead>
<tbody>
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<td></td>
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<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Wild food plants</th>
<th></th>
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</thead>
<tbody>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Section D: Indigenous Knowledge, Social capital/networking

Indigenous Knowledge Situation and Changes

<table>
<thead>
<tr>
<th>D1</th>
<th>When the community started as a group settled here?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>What’s the community’s original name and</td>
</tr>
<tr>
<td></td>
<td>Year started: _______</td>
</tr>
<tr>
<td><strong>D2</strong></td>
<td>Please list out important Traditional festival and celebrations, by ranking ...</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td>…..1.2.3.</td>
</tr>
<tr>
<td>-List out the Traditional festival and celebrations are not popular now ....</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>D3</strong></th>
<th>-who are the Community authorities and their major roles? ....</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>--------</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>D4</strong></th>
<th>- List out the major Custom lows now by ranking :</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>…</td>
</tr>
<tr>
<td>--List out Key values and concerns of Custom lows by ranking:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>…</td>
</tr>
<tr>
<td>-major changes comparing with the Situation 30 years ago ....</td>
<td></td>
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<tr>
<td></td>
<td>………</td>
</tr>
</tbody>
</table>

| **Situation** | |

<table>
<thead>
<tr>
<th><strong>D5</strong></th>
<th>Does the community speak native language?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes, or No ______</td>
</tr>
<tr>
<td>What the percentage of population speak native language now, and 30 years ago ?</td>
<td>_____% ______%</td>
</tr>
<tr>
<td>Who can speak the most now?</td>
<td>1. elder, 2. kids, 3 women, 4. men</td>
</tr>
<tr>
<td>Who can speak the least now?</td>
<td>1.elder, 2. kids, 3 women, 4. men</td>
</tr>
<tr>
<td>Does the native language have written characters .....</td>
<td>Yes, or No ______</td>
</tr>
<tr>
<td>What the percentage of population can write native language now?</td>
<td>_____%</td>
</tr>
<tr>
<td>Does the local premier school teach in native language now?</td>
<td>Yes, or No ______</td>
</tr>
<tr>
<td>If no, was ever did before ?</td>
<td>Yes, or No ______</td>
</tr>
<tr>
<td>When…….. and reasons for change..?</td>
<td>Year_______because_________</td>
</tr>
<tr>
<td></td>
<td>Traditional Cloth still wearing daily by some person? Normally by whom?</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>D6</td>
<td>Traditional song and dances are still practiced? What are the most traditional songs, dances…? Normally by whom? When?</td>
</tr>
<tr>
<td>D7</td>
<td>Traditional house style is still existing…. What’s the percentage of HH still keeping traditional house type/style in the community?</td>
</tr>
<tr>
<td>D8</td>
<td>List out the most traditional crops in the villages by ranking…. List out which are still grown in the village</td>
</tr>
<tr>
<td>D9</td>
<td>List out major Traditional farming practices before List out which are still practicing in the village</td>
</tr>
<tr>
<td>D10</td>
<td>List out key food crops now and 30 years ago By ranking</td>
</tr>
<tr>
<td>D11</td>
<td></td>
</tr>
</tbody>
</table>

**Section E: Climate Change and Innovation**

**Major changes in the last 30 years in the community:**

<table>
<thead>
<tr>
<th>Type:</th>
<th>item:</th>
<th>Key reasons</th>
<th>When and time period</th>
<th>% of HH affected/involved/adopted</th>
<th>Major coping strategies</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Climate changes and natural disasters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Livelihood,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major Innovation in the last 30 years in the community:</td>
<td>Innovation item:</td>
<td>Key reason for doing it(why)</td>
<td>Key characteristic</td>
<td>Who started?</td>
<td>No of HH adopted</td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
<td>-----------------</td>
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<td>-----------------</td>
</tr>
<tr>
<td>1. Livelihood, food security</td>
<td></td>
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<td></td>
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<tr>
<td>2. Crop, Biodiversity,</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>3. Crop, Biodiversity, Farming practices</td>
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<td></td>
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</tr>
<tr>
<td>Social capital, networking, institutional and organization</td>
<td></td>
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</tr>
</tbody>
</table>
Local Perceptions of Climate Change

E1. Have you heard about climate change?    Yes_____ No_____ 

E2. If the answer is Yes, do you think that the climate in your community is changing? Yes_____ No_____ 

E3. Perceived changes:

<table>
<thead>
<tr>
<th>Amount of rainfall</th>
<th>What type of changes have you observed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperatures</td>
<td></td>
</tr>
<tr>
<td>Rain distribution</td>
<td></td>
</tr>
<tr>
<td>during the dry season or during the rainy season</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

E4. Which of the following phenomena associated with climate change have you observed?

1=Disappearance of native species
2=Drying of rivers and lakes
3=Disappearance of wetlands
4=Increase in draught frequency
5=Increase in flooding frequency
6=winter season is hotter
7=winter season is longer
8=Crop growth period is more longer or more shorter
9=It is hotter during the summer season
10=Increase in the incidence of animal diseases
11=Increase in the incidence of crop pest and diseases
E5. Does the rainy season arrive at the same time/month? Yes____ No____

E11. Indicate the Month of arrival of the rainy season:

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>August</td>
<td></td>
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<tr>
<td>September</td>
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<tr>
<td>October</td>
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<tr>
<td>November</td>
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<tr>
<td>December</td>
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</tbody>
</table>

E6. Indicate which is month when the rainy season ends:

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<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>March</td>
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<tr>
<td>April</td>
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<tr>
<td>May</td>
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<tr>
<td>June</td>
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<tr>
<td>July</td>
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</tbody>
</table>

E7. Extreme events during the last 10 years:

<table>
<thead>
<tr>
<th>Types of Extreme Events</th>
<th>Have you observed any of the following phenomena during the last 10 years?</th>
<th>How many times in ONE year?</th>
<th>How long did it last?</th>
<th>When (which month) did it happen?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drought</td>
<td>Yes No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floods</td>
<td>Yes No</td>
<td></td>
<td></td>
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<tr>
<td>Other</td>
<td>Yes No</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Types of Extreme Events</th>
<th>Have you observe any of the above phenomena long before?</th>
<th>When? 15 years ago?</th>
<th>20 years ago?</th>
<th>30 years ago?</th>
<th>40 years ago?</th>
<th>How long did it last?</th>
<th>When (which month) did it happen?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drought</td>
<td>Yes No</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Floods</td>
<td>Yes No</td>
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<tr>
<td>Other</td>
<td>Yes No</td>
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</tbody>
</table>