Flood Hazard Atlas

FLOOD HAZARD MAP (1998-2007)
KARBI ANGLONG DISTRICT, ASSAM

Legend
- Settlements
- District boundary
- Major roads
- Railway

Flood Hazard
- Very Low
- Low
- Moderate
- High
- Very High
- Normal river/water bodies

Approach
Satellite data was acquired during the floods of 1998-2007. Flood inundation was extracted from these satellite datasets. These layers were integrated to generate a flood hazard layer, which provides the details on how frequently a given area is subjected to floods. About 90 satellite datasets were used for creating this layer. The frequency of inundation observed is further classified into different categories based on the frequency of flood inundation for a particular area.

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Frequency Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>VERY LOW</td>
<td>1-2 times</td>
</tr>
<tr>
<td>LOW</td>
<td>3-4 times</td>
</tr>
<tr>
<td>MODERATE</td>
<td>5-6 times</td>
</tr>
<tr>
<td>HIGH</td>
<td>7-8 times</td>
</tr>
<tr>
<td>VERY HIGH</td>
<td>9-10 times</td>
</tr>
</tbody>
</table>

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Flood Hazard

Location Map
Total Inundation Map (1998-2007)

Assam State
Flood Inundation