One Percent Annual Flood Hazard and Exposure Risk Map  
City of North Bend, Coos County, Oregon  
2010

The Federal Emergency Management Agency, the Oregon Department of Geology and Mineral Industries, the Oceanic and Atmospheric Administration’s Geophysical Data Center, and the U.S. Army Corps of Engineers (USACE), U.S. Geological Survey, National Other data sources: Coos County Assessor’s Office (2009 parcel data),

NOTE: This map cannot serve as a substitute for site-specific investigation by qualified practitioners. Figure 2: This figure shows the flood zone boundaries of the one-percent annual flood hazard in the City of North Bend, Coos County, Oregon. This map contains flood hazard information developed under the National Flood Insurance Program’s Percent One-Percent Annual Flood Hazard and Exposure Risk Mapping Program through a cooperative agreement with the Oregon Department of Geology and Mineral Industries (DOGAMI). The Oregon Department of Geology and Mineral Industries (DOGAMI) has approved the FEMA flood maps for use in floodplain management activities for the City of North Bend.

The Oregon Department of Geology and Mineral Industries (DOGAMI) has updated the Digital Flood Insurance Rate Maps (DFIRMs) for Coos County, Oregon. The new DFIRMs are based on FEMA’s Coastal Change Analyses and the latest flood event data. The new maps are more accurate in showing flood zone boundaries and also include additional data sources, such as topographic and LiDAR data.

Figure 3: This figure is a representation of the regional hydrology for Coos County, Oregon. The figure shows the peak flows and years in which major flows occurred. The data is represented in cubic feet per second (cfs) and describes both the years in which major flows occurred (i.e., 1920, 1931, 1934, 1940, 1943, 1949, 1955, 1958, 1961, 1965, 1973, 1976, 1979, 1982, 1985, 1988, 1991, 1994, 1997, 2000). The figure illustrates the significance of flood events in the region and highlights the importance of flood risk management.

Table 1: This table provides a risk exposure summary for the city. The table shows total land value, total improvement value, total parcel acreage, and total parcel acreage flooded on the basis of four flood depth ranges:

- From 0 to 3 feet deep
- From 3 to 6 feet deep
- From 6 to 9 feet deep
- 9 feet deep and greater

The table also indicates the number of buildings and percent of total buildings affected for each flood depth range. The data is important for urban planning and helps in better understanding flood risk and reducing risk from future floods.

Table 1: Risk Exposure Summary for the City

<table>
<thead>
<tr>
<th>Flood Depth Ranges</th>
<th>Total Land Value</th>
<th>Total Improvement Value</th>
<th>Total Parcel Acreage</th>
<th>Total Parcel Acreage Flooded</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 to 3 feet deep</td>
<td>16,804,106</td>
<td>21,609,123</td>
<td>58,413,229</td>
<td>65.91%</td>
</tr>
<tr>
<td>From 3 to 6 feet deep</td>
<td>16,804,106</td>
<td>21,609,123</td>
<td>58,413,229</td>
<td>75.63%</td>
</tr>
<tr>
<td>From 6 to 9 feet deep</td>
<td>16,804,106</td>
<td>21,609,123</td>
<td>58,413,229</td>
<td>85.35%</td>
</tr>
<tr>
<td>9 feet deep and greater</td>
<td>16,804,106</td>
<td>21,609,123</td>
<td>58,413,229</td>
<td>95.07%</td>
</tr>
</tbody>
</table>

The data is important for urban planning and helps in better understanding flood risk and reducing risk from future floods. The views and conclusions contained in this document are those of the author expressed or implied, of the Federal Emergency Management Agency.