FEMA Flood Zone Change Map, City of Coos Bay, Coos County, Oregon

Oceanic and Atmospheric Administration's Geophysical Data Center, and
Datum: NAD 1983

The entire new DFIRM flood zone is shown by the combination of light blue and dark blue. The area that was previously shown by light blue is shown by dark blue. The area that was previously shown by dark blue is shown by light blue. The area that was previously shown by dark blue and light blue is shown by light blue and dark blue.

This information can be used by city officials, emergency managers, property owners, lenders, and insurers to better understand flood risk and reduce the risk from future floods.

The new DFIRMs are more accurate than the older DFIRMs. The expected extent of flooding is shown by one of three colors:

- Light blue: Area Affected by 1% Annual Flood
- Dark blue: Area Affected by 100-Year Flood
- Dark blue: Area Affected by 100-Year Flood

In Coos County, the Oregon Department of Geology and Mineral Industries has updated the DFIRMs by using new, extremely accurate lidar data. The new DFIRMs much more accurately show flood zone boundaries than the older DFIRMs. The expected extent of flooding is shown by one of three colors:

- Light blue: Area Affected by 1% Annual Flood
- Dark blue: Area Affected by 100-Year Flood
- Dark blue: Area Affected by 100-Year Flood

This map is intended to provide an overview of exposure to flood risk for the city from an urban planning perspective. Figure 1 shows zoning (commercial, residential, industrial, etc.) types within the city along with the area predicted to be flooded in a 100-year flood. These maps are made by using the historical record of flood height and frequency, a hydrologic computer model, and topographic data collected with a laser scanning system called lidar. The new DFIRMs show areas that have a 1 in 100 chance of being flooded in any year flood. These maps are made by using the historical record of flood height and frequency, a hydrologic computer model, and topographic data collected with a laser scanning system called lidar.

The views and conclusions contained in this document are those of the author and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the Federal Emergency Management Agency.

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