

Maria Creek Drainage



General location

General characteristics

7th field huc id = = 171 002060601 01

Parent watershed = INDIAN CREEK / LAKE CREEK

Total acreage = 4097

Maximum elevation = 491 feet

Minimum elevation = 120 feet

Ecological Capital

13 percent of the catchment has potential to contribute low to the aquatic system

49 percent of the stream system has adequate shading

35 percent of the riparian area is in good condition

2 miles of stream have inherently good coho spawning and rearing habitat

1 acres of potential or existing wetlands are present within the catchment

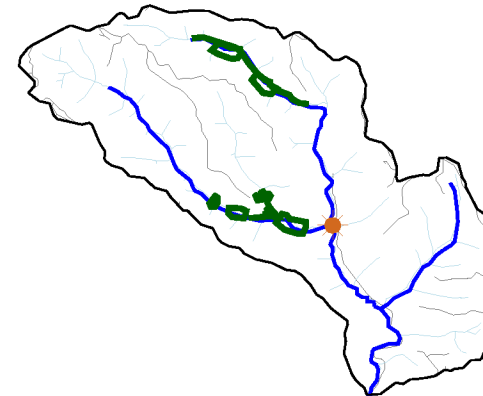
Potential Threats

There are 22 points where roads cross over fish bearing streams

Riparian road density = 0.25 miles per square mile

Mid-slope road density = 0.64 miles per square mile

2 percent of the catchment is considered to have a high potential of land slide occurrence



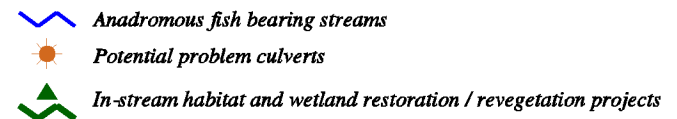
Ownership Patterns

less than 1 percent of the catchment is private non-industrial

14 percent of the catchment is private industrial

85 percent of the catchment is federally owned

less than 1 percent of the catchment falls on other public lands



Notes

The catchment is dominated by steep or very steep, headwater or bedrock canyon channel habitat types. A total of 8.37 miles of stream are considered anadromous fish bearing and 4.30 miles of stream have digitized habitat surveys. A total of 4.21 miles of spawning surveys have been conducted since 1990 reflecting relatively moderate numbers of coho spawners. No snorkel surveys have been conducted in this catchment.

Due to lack of large diameter trees in the riparian area or directly contributing to the aquatic system, large woody debris in the stream system is most likely in short supply.

Stream temperatures may be high due to the high percent of streams exposed to direct sunlight. Streamside shading is most likely limiting water quality for fish habitat.

Because of high fish productivity and moderate amounts of ecological capital this catchment has some potential for consideration of anchor habitat status