

**Klamath River Sentinel Fish Exposures June 14-17, 2021**  
as of July 8th 2021

The following is an update for the BOR sentinel fish exposures involving salmonids during June in the Klamath River. 40 Iron Gate Hatchery juvenile Chinook (IGH ChF) and 40 known out-of-basin susceptible rainbow trout (Rbt) were exposed for 72 hr June 14-17 at 5 Klamath River index sites, spanning from the lower to upper-river (see Table below for locations) and 1 site on the Williamson River. In addition, a group of 40 IGH coho were exposed at KBC. River temperatures during the exposure ranged from 18-21°C. Fish have been held for 21 days post-exposure at the Aquatic Animal Health Laboratory at 18°C and monitored daily. Percent loss was calculated after 5 days (mortalities that occur within 5 days post-exposure are not included), assuming 40 IGH ChF, 40 IGH coho, and 40 Rbt.

<b>Site</b>	<b>Fish Species</b>	<b>Percent Mortality</b>
Williamson River -Nature Conservancy (WMR)	IGH ChF	0%
	Rbt	92.5% (37 fish)
Keno Eddy (KED)	IGH ChF	0%
	Rbt	2.5% (1 fish)
Above I-5 Bridge (KI5)	IGH ChF	20% (8 fish)
	Rbt	35% (14 fish)
Above Beaver Creek (KBC)	IGH ChF	20% (8 fish)
	Rbt	30% (12 fish)
	IGH coho	5% ( 2 fish)
Below Seiad Valley (KSV)	IGH ChF	32.5%(13 fish)
	Rbt	20% (8 fish)
Above Orleans (KOR)	IGH ChF	10% (4 fish)
	Rbt	2.5% (1 fish)
Non-exposed control	IGH ChF	0%
	Rbt	0%
	IGH coho	0%

*Studies funded by BOR. These data are preliminary and subject to change.*