



Klamath River Outmigrant Monitoring Update — June 5, 2026

Synopsis: The outmigration of juvenile salmonids is monitored annually in the mainstem Klamath River by the USFWS Arcata Fish and Wildlife Office (AFWO), the Karuk Tribe of California, and the Yurok Tribe of California. The objectives of this collaborative project are to:

1. Estimate the weekly abundance of juvenile Chinook Salmon and collect pertinent biological data such as fork length and presence of clinical signs of disease at four selected locations in the mainstem Klamath River.
2. Examine subsamples of Chinook Salmon, Coho Salmon, and steelhead for external disease indicators and collect, preserve, and deliver weekly-stratified, random samples of young-of-the-year (YOY) Chinook Salmon to the Service's California–Nevada Fish Health Center (CA–NV FHC) for conducting qPCR assays to estimate *Ceratonova shasta* infection rate in the outmigrant population.
3. Collect relative abundance and biological data on Coho Salmon and steelhead at the four locations on the mainstem Klamath River.

Information generated by this study is used for a variety of purposes, including stock-recruitment analyses, to inform flow management decisions, to further refine a fish disease model, and to validate and calibrate the S3 (Stream Salmonid Simulator) Chinook Salmon production model, among others.

Monitoring is conducted at three sites in the mainstem Klamath River between Iron Gate (rkm 309.65) and the Trinity River confluence (rkm 64.3). The upstream-most site is the 'Iron Gate Trap Site' (rkm 310.37), which is positioned on the left bank upstream of the Bogus Creek confluence and downstream of the Iron Gate boat ramp. The 'I-5 Trap Site' (rkm 293.55), which is positioned on the left bank downstream of the Carson Creek confluence and upstream of the Interstate-5 bridge river crossing. The 'Kinsman Trap Site' (rkm 237.55–238.56) consists of two traps separated by ~1 km. The upstream trap is located on the left bank of the main channel downstream of the confluence of Horse Creek. The downstream trap is located on the left bank is positioned in a side channel on the left bank just upstream of the Kinsman Creek confluence. The 'Weitchpec Trap Site' (rkm 65) is the farthest downstream and is 0.7 km upstream of the Trinity River confluence behind the Yurok Tribal office in Weitchpec, California

Sampling at the Iron Gate site is conducted using one 8-ft diameter rotary screw trap (RST). The I-5 Trap Site is conducted using two in-line 8-ft diameter RSTs. The Kinsman Trap Site consists of one 8-ft diameter RST upstream and one 5-ft diameter RST in the downstream side channel. The Weitchpec trap site has one 8-ft diameter RST on the left bank and may additionally use one or two 3.1-m by 1.6-m frame nets on the right bank. Traps are typically operated over four nights per week (Monday through Thursday) and checked once daily while in operation. Trapping began the week of February 23 [Calendar Week (CW) 9] at the Iron Gate, I-5, Kinsman sites, and the week of April 13 (CW 16) at the Weitchpec site.

This project update provides an in-season summary of the weekly total catch (Table 1) and mean catch-per-day (Table 2) of Chinook Salmon, Coho Salmon, and steelhead at each trap site. Trap efficiency, a measure of the proportion of fish moving past a trap site that are caught, varies weekly. *Therefore, raw catch numbers are not representative of actual abundance, and we advise against using weekly raw catch numbers to make inferences on temporal abundance. Cumulative*

preliminary estimates may be provided in future updates, as we collect mark-recapture trial data. Weekly estimates of mean fork length of YOY Chinook and Coho salmon from each of the four trap sites are provided in Table 3.

See Table 4 for a weekly stratified summary of clinical signs of disease observed in the catch for the trap and seine sites. Note that these data are based on the visual presence of external symptoms of disease, which may not always be revealed by infected fish. The percentage of live YOY Chinook Salmon in the trap and seine catches that exhibit distended bellies, gill fungus, and pale gills are presented separately for each site on a weekly basis. Distended bellies may be a clinical sign of infection by the myxosporean parasites, *Ceratonova shasta* and *Parvicapsula minibicornis*. Gills of juvenile salmonids ≥ 45 mm FL are evaluated for color (red, pale/pink, white, or tan) and condition (normal, eroded, or fungal). Pale gills may be due to anemia associated with *P. minibicornis* infection. Gill fungus is likely *Saprolegnia* growing upon a columnaris (*Flavobacterium columnare*) infection.

To determine infection rates more accurately for the outmigrant juvenile Chinook Salmon population passing the Kinsman Trap Site, I-5 Trap Site, and Weitchpec Trap Site, weekly-stratified random samples are collected, preserved, and delivered to the California–Nevada Fish Health Center (CA–NV FHC) to process using qPCR assays. The CA–NV FHC investigates infection rates of *C. shasta* and other pathogens in juvenile salmonids in the Klamath River annually. The CA–NV FHC releases regular updates (available on the [USFWS online library](#)) and a final report for each season.

Daily mean discharge below IGD (Figure 3) and at the Kinsman Trap Site (Figure 4), from late February to July, are provided to help portray pertinent flow conditions. Discharge at the I-5 trap site is represented by USGS Gauging Station 11516530 (Klamath River below IGD, California). Discharge at USGS 11520500 (Klamath River near Seiad Valley, California) minus discharge at USGS 11519500 (Scott River near Fort Jones, California) is used as a surrogate flow for the Kinsman Trap Site.

If you have any questions regarding this summary, please contact Aaron Masse-Bachelier (aaron_masse-bachelier@fws.gov) or Steve Gough (steve_gough@fws.gov).

Table 1. In-season summary of the total catch by week of adipose fin-clipped (AD Clip) and non-adipose fin-clipped (No Clip) Chinook Salmon, Steelhead, and Coho Salmon by trap at the Iron Gate Hatchery, I-5, and Kinsman trap sites on the mainstem Klamath River, 2026. Note that RST = rotary screw trap, UPS = upstream, DNS = downstream, and YOY = young-of-the-year.

Preliminary Data - Subject to Revision																
Trap	Calendar week	Sample dates	Q (cfs) ^a		Water temp. (°F) ^b		Trapping days	Chinook (<i>O. tshawytscha</i>)			Coho (<i>O. kisutch</i>)			Steelhead (<i>O. mykiss</i>)		
			Min	Max	Min	Max		YOY			YOY	Age 1 +		YOY	Age 1 +	
								No clip	AD clip	Age 1+		No clip	AD clip		No clip	AD clip
Iron Gate RST	9	2/26-2/27	2,100	2,600	44.9	44.9	2	31	0	0	2	2	0	0	4	0
	10	3/3-3/6	1,200	1,370	44.7	47.6	2	90	0	0	2	3	3	1	21	0
	11	3/10-3/13	1,120	1,140	44.7	47.3	4	94	0	0	0	7	5	0	29	0
	12	3/17-3/20	1,080	1,100	50.4	51.4	4	135	0	0	1	0	288	0	30	0
	13	3/24-3/27	1,110	1,170	51.9	55.7	4	218	0	0	0	7	31	0	18	0
	14	3/31-4/3	1,240	1,300	49.6	54	4	183	0	0	0	11	89	0	15	0
	15	4/7-4/10	1,350	1,420	54.7	57.8	4	598	0	0	0	3	17	0	17	0
	16	4/14-4/17	1,380	1,400	48.5	54.2	4	488	0	0	2	5	9	6	17	0
	17	4/21-4/24	1,360	1,370	51	54.7	4	740	0	0	0	12	3	9	7	0
	18	4/28-5/1	1,310	1,320	53.1	56	4	871	0	0	0	7	4	0	12	0
	19	5/5-5/8	1,270	1,290	59	60.8	4	1269	0	0	1	8	0	1	20	0
	20	5/12-5/15	1,450	1,460	59	65.7	4	1417	0	0	2	0	0	0	30	0
	21	5/19-5/22	1,380	1,420	61.2	62.9	4	683	16	0	0	0	0	0	13	0
	22	5/27-5/29	1,350	1,400	57.7	58.5	3	272	50	0	1	0	0	0	7	0
	23	6/2-6/5	1,140	1,220	62.5	65.3	4	1562	510	0	1	0	0	0	13	0
I-5 UPS RST	10	3/3-3/6	1,200	1,370	44.5	49.0	3	18	0	0	0	0	0	0	4	0
	11	3/10-3/13	1,120	1,140	45.6	47.0	4	113	0	0	0	0	0	1	4	0
	12	3/17-3/20	1,080	1,100	46.8	51.3	4	118	0	0	0	1	0	0	8	0
	13	3/24-3/27	1,110	1,170	50.1	52.4	2	388	0	0	0	1	8	0	2	0
	14	3/31-4/3	1,240	1,300	50.0	54.0	4	409	0	0	0	2	16	0	15	0
	15	4/7-4/10	1,350	1,420	54.5	56.0	4	549	0	0	0	8	16	0	33	0
	16	4/14-4/17	1,380	1,400	49.1	54.5	4	391	0	0	0	3	4	1	17	0
	17	4/21-4/24	1,360	1,370	52.2	55.5	4	446	0	0	0	1	2	1	8	0
	18	4/28-5/1	1,310	1,320	51.1	56.6	4	943	0	0	0	3	2	1	15	0
	19	5/5-5/8	1,270	1,290	58.9	62.1	4	935	0	0	0	2	2	0	11	0
	20	5/12-5/15	1,450	1,460	60.1	63.9	4	747	0	0	1	0	0	0	8	0
	21	5/19-5/22	1,380	1,420	58.8	62.2	4	248	0	0	0	0	0	0	5	0
	22	5/27-5/29	1,350	1,400	58	59.7	3	68	5	0	0	0	0	0	5	0
	23	6/2-6/5	1,140	1,220	61.2	63.9	4	710	237	0	0	0	0	2	6	0
	I-5 DNS RST	9	2/24-2/27	1,200	4,110	44.0	45.1	1	28	0	0	0	0	1	0	6
10		3/3-3/6	2,100	1,370	45.0	49.1	3	96	0	0	0	0	0	0	10	0
11		3/10-3/13	1,120	1,140	45.6	47.0	4	236	0	0	0	1	0	0	14	0
12		3/17-3/20	1,080	1,100	46.8	51.1	4	453	0	0	0	0	5	0	13	0
13		3/24-3/27	1,110	1,170	50.1	56.9	4	590	0	0	0	0	9	0	13	0
14		3/31-4/3	1,240	1,300	50.2	54.0	4	131	0	0	0	1	5	0	13	0
15		4/7-4/10	1,350	1,420	54.2	56.1	3	227	0	0	0	3	8	2	21	0
16		4/14-4/17	1,380	1,400	49.0	54.5	4	455	0	0	1	4	3	2	19	0
17		4/21-4/24	1,360	1,370	52.1	55.3	4	528	0	0	0	2	3	0	12	0
18		4/28-5/1	1,310	1,320	51.1	56.4	4	597	0	0	0	0	1	1	16	0
19		5/5-5/8	1,270	1,290	58.9	61.9	4	669	0	0	0	0	2	0	18	0
20		5/12-5/15	1,450	1,460	60.1	63.9	4	623	0	0	0	0	0	0	11	0
21		5/19-5/22	1,380	1,420	58.8	63.2	4	170	0	0	0	0	0	0	10	0
22		5/27-5/29	1,350	1,400	58	59.4	2	56	1	0	2	0	0	0	3	0
23		6/2-6/5	1,140	1,220	61.5	63.9	4	363	122	0	0	0	0	2	2	0
Kinsman RST	9	2/24-2/27	5,120	10,240	46.7	46.7	1	15	0	0	0	1	0	1	2	0
	10	3/4-3/6	2,550	2,870	47.5	50.5	3	192	0	0	2	2	0	0	7	0
	11	3/11-3/13	2,036	2,140	48.2	50.1	3	1081	0	0	0	0	0	0	0	0
	12	3/17-3/20	1,783	1,898	52.2	55.2	3	277	0	0	0	0	0	0	7	0
	13	3/24-3/27	1,763	1,802	53.6	55.9	4	334	0	0	0	0	0	0	6	0
	14	3/31-4/3	1,862	2,020	51.8	54.9	4	33	0	0	0	1	0	0	2	0
	15	4/7-4/10	1,921	2,023	57.7	60.3	4	74	0	0	0	4	0	0	3	0
	16	4/14-4/17	2,016	2,108	52.6	55.7	4	93	0	0	0	0	1	0	3	0
	17	4/21-4/24	1,916	1,959	54.3	56.6	4	107	0	0	0	0	1	1	5	0
	18	4/28-5/1	1,756	1,831	55.1	61.0	4	80	0	0	0	2	0	0	4	0
	19	5/5-5/8	1,655	1,718	62.9	65.1	4	136	0	0	1	5	0	1	2	0
	20	5/12-5/15	1,714	1,765	64.7	67.9	3	72	0	0	0	0	0	0	4	0
	21	5/19-5/22	1,640	1,719	62.8	66.1	4	31	0	0	0	0	0	1	5	0
	22	5/29-5/29	1,741	1,741	63	63	1	7	-	-	-	-	-	-	1	-
	23	6/2-6/5	1,420	1,553	64	68	4	19	3	-	-	-	-	-	1	-
Kinsman UPS RST	10	3/4-3/6	2,550	2,870	47.1	50.4	1	41	0	0	0	4	0	0	2	0
	11	3/11-3/13	2,036	2,140	47.7	49.2	3	1203	0	0	0	2	0	0	2	0
	12	3/17-3/20	1,783	1,898	51.4	54.4	3	372	0	0	0	0	0	0	1	0
	13	3/24-3/27	1,763	1,802	53.1	55.9	4	269	0	0	0	0	0	0	2	0
	14	3/31-4/3	1,862	2,020	52.0	54.8	4	47	0	0	0	2	0	0	2	0
	15	4/7-4/10	1,921	2,023	57.2	59.2	4	135	3	0	0	7	0	0	8	0
	16	4/14-4/17	2,016	2,108	52.0	55.6	4	295	0	0	1	0	0	0	8	0
	17	4/21-4/24	1,916	1,959	53.9	55.8	4	211	0	0	1	1	0	1	4	0
	18	4/28-5/1	1,756	1,831	54.3	58.0	4	334	0	0	0	2	0	2	17	0
	19	5/5-5/8	1,655	1,718	62.2	64.8	4	668	0	0	0	2	0	1	23	0
	20	5/12-5/15	1,714	1,765	64.0	66.9	4	672	0	0	0	2	0	1	21	0
	21	5/19-5/22	1,640	1,719	62.1	66.0	4	161	0	0	0	0	0	1	14	0
	22	5/29-5/29	1,741	1,741	62.1	62.1	1	34	0	0	0	0	0	0	0	0
	23	6/2-6/5	1,420	1,553	64.7	67.8	4	126	9	0	0	0	0	1	4	0
	Weitchpec RST	16	4/14-4/17	6,060	6,480	49.0	50.0	4	4	0	5	0	0	2	4	73
17		4/21-4/24	5,590	5,870	45.0	48.0	4	6	7	13	0	7	9	1	94	0
18		4/28-5/1	4,850	5,160	56.4	59.9	4	5	0	1	0	3	0	0	23	0
19		5/5-5/8	4,510	4,770	51.5	61.0	4	25	0	41	0	51	0	1	138	0
20		5/12-5/15	4,170	4,290	60.8	66.0	4	173	0	15	0	16	0	0	108	0
21		5/19-5/22	3,790	4,030	62.6	67.1	4	78	0	10	0	6	0	1	68	0
22		5/27-5/29	3,670	3,730			0	0	0	0	0	0	0	0	0	0
23		6/3-6/3	2,710	2,710	67.1	67.1	1	39	0	0	0	0	0	1	6	0

^a mean discharge from day of sampling (discharge below IGD used for Bogus and I-5 sites; discharge at Kinsman Site is Klamath River discharge at Sciad minus Scott River discharge)

^b temperature recorded at time of trap check

Table 2. In-season summary of the average catch-per-day by week of non-adipose fin-clipped (No Clip) and adipose fin-clipped (AD Clip) Chinook Salmon, Steelhead and Coho Salmon by trap at the Iron Gate Hatchery, the I-5, and Kinsman trap sites on the mainstem Klamath River, 2026. Note that RST = rotary screw trap, UPS = upstream, DNS = downstream, and YOY = young-of-the-year.

Preliminary Data - Subject to Revision																
Trap	Calendar week	Sample dates	Q (cfs) ^a		Water temp. (°F) ^b		Trapping days	Chinook (<i>O. tshawytscha</i>)			Coho (<i>O. kisutch</i>)			Steelhead (<i>O. mykiss</i>)		
			Min	Max	Min	Max		YOY			Age 1 +			Age 1 +		
								No clip	AD clip	Age 1+	YOY	No clip	AD clip	YOY	No clip	AD clip
Iron Gate RST	9	2/26-2/27	2,100	2,600	44.9	44.9	2	15.50	0.00	0.00	1.00	1.00	0.00	0.00	2.00	0.00
	10	3/3-3/6	1,200	1,370	44.7	47.6	2	45.00	0.00	0.00	1.00	1.50	1.50	0.50	10.50	0.00
	11	3/10-3/13	1,120	1,140	44.7	47.3	4	23.50	0.00	0.00	0.00	1.75	1.25	0.00	7.25	0.00
	12	3/17-3/20	1,080	1,100	50.4	51.4	4	33.75	0.00	0.00	0.25	0.00	72.00	0.00	7.50	0.00
	13	3/24-3/27	1,110	1,170	51.9	55.7	4	54.50	0.00	0.00	0.00	1.75	7.75	0.00	4.50	0.00
	14	3/31-4/3	1,240	1,300	49.6	54.0	4	45.75	0.00	0.00	0.00	2.75	22.25	0.00	3.75	0.00
	15	4/7-4/10	1,350	1,420	54.7	57.8	4	149.50	0.00	0.00	0.00	0.75	4.25	0.00	4.25	0.00
	16	4/14-4/17	1,380	1,400	48.5	54.2	4	122.00	0.00	0.00	0.50	1.25	2.25	1.50	4.25	0.00
	17	4/21-4/24	1,360	1,370	51.0	54.7	4	185.00	0.00	0.00	0.00	3.00	0.75	2.25	1.75	0.00
	18	4/28-5/1	1,310	1,320	53.1	56.0	4	217.75	0.00	0.00	0.00	1.75	1.00	0.00	3.00	0.00
	19	5/5-5/8	1,270	1,290	59.0	60.8	4	317.25	0.00	0.00	0.25	2.00	0.00	0.25	5.00	0.00
	20	5/12-5/15	1,450	1,460	59.0	65.7	4	354.25	0.00	0.00	0.50	0.00	0.00	0.00	7.50	0.00
	21	5/19-5/22	1,380	1,420	61.2	62.9	4	170.75	4.00	0.00	0.00	0.00	0.00	0.00	3.25	0.00
	22	5/27-5/29	1,350	1,400	57.7	58.5	3	90.67	16.67	0.00	0.33	0.00	0.00	0.00	2.33	0.00
	23	6/2-6/5	1,140	1,220	62.5	65.3	4	390.50	127.50	0.00	0.25	0.00	0.00	0.00	3.25	0.00
I-5 UPS RST	10	3/3-3/6	1,200	1,370	44.5	49.0	3	6.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.00
	11	3/10-3/13	1,120	1,140	45.6	47.0	4	28.25	0.00	0.00	0.00	0.00	0.00	0.25	1.00	0.00
	12	3/17-3/20	1,080	1,100	46.8	51.3	4	29.50	0.00	0.00	0.00	0.25	0.00	0.00	2.00	0.00
	13	3/24-3/27	1,110	1,170	50.1	52.4	2	194.00	0.00	0.00	0.00	0.50	4.00	0.00	1.00	0.00
	14	3/31-4/3	1,240	1,300	50.0	54.0	4	102.25	0.00	0.00	0.00	0.50	4.00	0.00	3.75	0.00
	15	4/7-4/10	1,350	1,420	54.5	56.0	4	137.25	0.00	0.00	0.00	2.00	4.00	0.00	8.25	0.00
	16	4/14-4/17	1,380	1,400	49.1	54.5	4	97.75	0.00	0.00	0.00	0.75	1.00	0.25	4.25	0.00
	17	4/21-4/24	1,360	1,370	52.2	55.5	4	111.50	0.00	0.00	0.00	0.25	0.50	0.25	2.00	0.00
	18	4/28-5/1	1,310	1,320	51.1	56.6	4	235.75	0.00	0.00	0.00	0.75	0.50	0.25	3.75	0.00
	19	5/5-5/8	1,270	1,290	58.9	62.1	4	233.75	0.00	0.00	0.00	0.50	0.50	0.00	2.75	0.00
	20	5/12-5/15	1,450	1,460	60.1	63.9	4	186.75	0.00	0.00	0.25	0.00	0.00	0.00	2.00	0.00
	21	5/19-5/22	1,380	1,420	58.8	62.2	4	62.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00
	22	5/27-5/29	1,350	1,400	58.0	59.7	3	22.67	1.67	0.00	0.00	0.00	0.00	0.00	1.67	0.00
	23	6/2-6/5	1,140	1,220	61.2	63.9	4	177.50	59.25	0.00	0.00	0.00	0.00	0.50	1.50	0.00
	I-5 DNS RST	9	2/24-2/27	2,100	4,110	44.0	45.1	1	28.00	0.00	0.00	0.00	0.00	1.00	0.00	6.00
10		3/3-3/6	1,200	1,370	45.0	49.1	3	32.00	0.00	0.00	0.00	0.00	0.00	0.00	3.33	0.00
11		3/10-3/13	1,120	1,140	45.6	47.0	4	59.00	0.00	0.00	0.00	0.25	0.00	0.00	3.50	0.00
12		3/17-3/20	1,080	1,100	46.8	51.1	4	113.25	0.00	0.00	0.00	0.00	1.25	0.00	3.25	0.00
13		3/24-3/27	1,110	1,170	50.1	56.9	4	147.50	0.00	0.00	0.00	0.00	2.25	0.00	3.25	0.00
14		3/31-4/3	1,240	1,300	50.2	54.0	4	32.75	0.00	0.00	0.00	0.25	1.25	0.00	3.25	0.00
15		4/7-4/10	1,350	1,420	54.2	56.1	3	75.67	0.00	0.00	0.00	1.00	2.67	0.67	7.00	0.00
16		4/14-4/17	1,380	1,400	49.0	54.5	4	113.75	0.00	0.00	0.25	1.00	0.75	0.50	4.75	0.00
17		4/21-4/24	1,360	1,370	52.1	55.3	4	132.00	0.00	0.00	0.00	0.50	0.75	0.00	3.00	0.00
18		4/28-5/1	1,310	1,320	51.1	56.4	4	149.25	0.00	0.00	0.00	0.00	0.25	0.25	4.00	0.00
19		5/5-5/8	1,270	1,290	58.9	61.9	4	167.25	0.00	0.00	0.00	0.00	0.50	0.00	4.50	0.00
20		5/12-5/15	1,450	1,460	60.1	63.9	4	155.75	0.00	0.00	0.00	0.00	0.00	0.00	2.75	0.00
21		5/19-5/22	1,380	1,420	58.8	63.2	4	42.50	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.00
22		5/27-5/29	1,350	1,400	58.0	59.4	2	28.00	0.50	0.00	1.00	0.00	0.00	0.00	1.50	0.00
23		6/2-6/5	1,140	1,220	61.5	63.9	4	90.75	30.50	0.00	0.00	0.00	0.00	0.50	0.50	0.00
Kinsman RST	9	2/24-2/27	5,120	10,240	46.7	46.7	1	15.00	0.00	0.00	0.00	1.00	0.00	1.00	2.00	0.00
	10	3/4-3/6	1,410	2,870	47.5	50.5	3	64.00	0.00	0.00	0.67	0.67	0.00	0.00	2.33	0.00
	11	3/11-3/13	2,036	2,140	48.2	50.1	3	360.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	12	3/17-3/20	1,783	1,898	52.2	55.2	3	92.33	0.00	0.00	0.00	0.00	0.00	0.00	2.33	0.00
	13	3/24-3/27	1,763	1,802	53.6	55.9	4	83.50	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00
	14	3/31-4/3	1,862	2,020	51.8	54.9	4	8.25	0.00	0.00	0.00	0.25	0.00	0.00	0.50	0.00
	15	4/7-4/10	1,921	2,023	57.7	60.3	4	18.50	0.00	0.00	0.00	1.00	0.00	0.00	0.75	0.00
	16	4/14-4/17	2,016	2,108	52.6	55.7	4	23.25	0.00	0.00	0.00	0.00	0.25	0.00	0.75	0.00
	17	4/21-4/24	1,916	1,959	54.3	56.6	4	26.75	0.00	0.00	0.00	0.00	0.25	0.25	1.25	0.00
	18	4/28-5/1	1,756	1,831	55.1	61.0	4	20.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	0.00
	19	5/5-5/8	1,655	1,718	62.9	65.1	4	34.00	0.00	0.00	0.25	1.25	0.00	0.25	0.50	0.00
	20	5/12-5/15	1,714	1,765	64.7	67.9	3	24.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.00
	21	5/19-5/22	1,640	1,719	62.8	66.1	4	7.75	0.00	0.00	0.00	0.00	0.00	0.25	1.25	0.00
	22	5/29-5/29	1,741	1,741	62.8	62.8	1	7.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
	23	6/2-6/5	1,420	1,553	63.7	68.2	4	4.75	0.75	0.00	0.00	0.00	0.00	0.00	0.25	0.00
Kinsman UPS RST	10	3/4-3/6	2,550	2,870	47.1	50.4	1	41.00	0.00	0.00	0.00	4.00	0.00	0.00	2.00	0.00
	11	3/11-3/13	2,036	2,140	47.7	49.2	3	401.00	0.00	0.00	0.00	0.67	0.00	0.00	0.67	0.00
	12	3/17-3/20	1,783	1,898	51.4	54.4	3	124.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00
	13	3/24-3/27	1,763	1,802	53.1	55.9	4	67.25	0.00	0.00	0.00	0.50	0.00	0.00	0.50	0.00
	14	3/31-4/3	1,862	2,020	52.0	54.8	4	11.75	0.00	0.00	0.00	0.50	0.00	0.00	0.50	0.00
	15	4/7-4/10	1,921	2,023	57.2	59.2	4	33.75	0.75	0.00	0.00	1.75	0.00	0.00	2.00	0.00
	16	4/14-4/17	2,016	2,108	52.0	55.6	4	33.75	0.00	0.00	0.25	0.00	0.00	0.00	2.00	0.00
	17	4/21-4/24	1,916	1,959	53.9	55.8	4	52.75	0.00	0.00	0.25	0.25	0.00	0.25	1.00	0.00
	18	4/28-5/1	1,756	1,831	54.3	58.0	4	83.50	0.00	0.00	0.00	0.50	0.00	0.50	4.25	0.00
	19	5/5-5/8	1,655	1,718	62.2	64.8	4	167.00	0.00	0.00	0.00	0.50	0.00	0.25	5.75	0.00
	20	5/12-5/15	1,714	1,765	64.0	66.9	4	168.00	0.00	0.00	0.00	0.50	0.00	0.25	5.25	0.00
	21	5/19-5/22	1,640	1,719	62.1	66.0	4	40.25	0.00	0.00	0.00	0.00	0.00	0.25	3.50	0.00
	22	5/29-5/29	1,741	1,741	62.1	62.1	1	34.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	23	6/2-6/5	1,420	1,553	64.7	67.8	4	31.50	2.25	0.00	0.00	0.00	0.00	0.00	1.00	0.00
	Weitchpec RST	16	4/14-4/17	6,060	6,480	49.0	50.0	4	1.00	-	1.25	-	-	0.50	1.00	18.25
17		4/21-4/24	5,590	5,870	45.0	48.0	4	1.50	1.75	3.25	-	1.75	2.25	0.25	23.50	-
18		4/28-5/1														

Table 3. In-season summary of fork lengths, compared with the last ten years of naturally produced Chinook and Coho salmon by trap type at the Iron Gate Hatchery trap site, the I-5, and Kinsman sites on the mainstem Klamath River, 2026. RST = rotary screw trap and YOY = young-of-the-year.

Preliminary data - Subject to revision

Site	Calendar Week	2026 Sampling Dates	YOY Chinook (natural) - fork length data							YOY Coho - fork length data								
			2026				Previous 10 years			2026				Previous 10 years				
			n	Mean (mm)	Min. (mm)	Max. (mm)	% > 55 mm	n	Years of data	Mean (mm)	n	Mean (mm)	Min. (mm)	Max. (mm)	% > 55 mm	n	Years of data	Mean (mm)
			n	Mean (mm)	Min. (mm)	Max. (mm)	% > 55 mm	n	Years of data	Mean (mm)	n	Mean (mm)	Min. (mm)	Max. (mm)	% > 55 mm	n	Years of data	Mean (mm)
IGH RST	10	Mar 03-05	42	37.2	26.0	57.0	2%	0	0	-	2	اف	اف	اف	اف	0	0	-
	11	Mar 10-12	67	37.5	29.0	52.0	0	0	0	-	0	اف	اف	اف	اف	0	0	-
	12	Mar 17-19	75	39.8	33.0	63.0	1%	0	0	-	0	اف	اف	اف	اف	0	0	-
	13	Mar 24-26	90	41.4	33.0	59.0	2%	0	0	-	0	اف	اف	اف	اف	0	0	-
	14	Mar 31-Apr 02	77	49.5	34.0	65.0	22%	0	0	-	0	اف	اف	اف	اف	0	0	-
	15	Apr 07-09	90	45.8	33.0	73.0	23%	0	0	-	0	اف	اف	اف	اف	0	0	-
	16	Apr 14-16	90	56.1	35.0	79.0	49%	0	0	-	1	اف	اف	اف	اف	0	0	-
	17	Apr 21-23	90	54.0	34.0	87.0	31%	0	0	-	0	اف	اف	اف	اف	0	0	-
	18	Apr 28-30	90	55.9	38.0	85.0	50%	0	0	-	0	اف	اف	اف	اف	0	0	-
	19	May 05-07	90	59.0	44.0	84.0	64%	0	0	-	0	اف	اف	اف	اف	0	0	-
	20	May 12-14	93	65.2	46.0	85.0	84%	0	0	-	1	اف	اف	اف	اف	0	0	-
	21	May 19-21	90	67.3	46.0	96.0	87%	0	0	-	0	اف	اف	اف	اف	0	0	-
	22	May 26-28	60	68.1	47.0	97.0	92%	0	0	-	1	اف	اف	اف	اف	0	0	-
	23	Jun 02-04	90	69.4	59.0	80.0	100%	0	0	-	1	اف	اف	اف	اف	0	0	-
I-5 RST's	9	Feb 24-26	7	اف	اف	اف	اف	118	2	38.8	0	اف	اف	اف	اف	0	0	-
	10	Mar 03-05	73	38.1	32.0	42.0	0	551	8	38.0	0	اف	اف	اف	اف	0	3	-
	11	Mar 10-12	90	38.8	31.0	50.0	0	521	10	34.5	0	اف	اف	اف	اف	4	5	14.8
	12	Mar 17-19	90	40.6	32.0	56.0	1%	549	9	37.4	0	اف	اف	اف	اف	4	4	8.8
	13	Mar 24-26	90	42.6	33.0	54.0	0	427	8	32.8	0	اف	اف	اف	اف	8	5	21.4
	14	Mar 31-Apr 02	90	45.1	36.0	65.0	6%	583	10	35.8	0	اف	اف	اف	اف	33	6	22.5
	15	Apr 07-09	89	46.9	34.0	65.0	8%	470	9	39.1	0	اف	اف	اف	اف	35	7	30.8
	16	Apr 14-16	90	52.1	40.0	70.0	30%	627	10	42.8	1	اف	اف	اف	اف	35	7	34.8
	17	Apr 21-23	82	48.3	36.0	67.0	12%	578	10	49.8	0	اف	اف	اف	اف	116	8	40.3
	18	Apr 28-30	90	50.8	32.0	73.0	24%	703	10	53.0	0	اف	اف	اف	اف	117	10	40.5
	19	May 05-07	89	55.3	41.0	77.0	43%	587	10	51.5	0	اف	اف	اف	اف	69	8	36.1
	20	May 12-14	90	59.8	41.0	87.0	69%	630	10	62.9	1	اف	اف	اف	اف	86	7	52.0
	21	May 21-23	90	64.6	43.0	94.0	80%	618	10	71.3	0	اف	اف	اف	اف	137	8	55.9
	22	May 26-28	48	73.4	45.0	107.0	94%	402	7	73.4	1	اف	اف	اف	اف	132	6	57.9
23	Jun 02-04	89	70.9	60.0	107.0	100%	425	7	75.3	0	اف	اف	اف	اف	127	6	59.7	
Kinsman RST's	10	Mar 03-05	88	41.2	34.0	53.0	0	340	7	38.0	0	اف	اف	اف	اف	6	3	17.8
	11	Mar 10-12	120	42.0	33.0	55.0	0	424	8	29.2	1	اف	اف	اف	اف	3	3	26.1
	12	Mar 17-19	120	41.6	32.0	57.0	1%	540	8	35.9	0	اف	اف	اف	اف	21	4	26.0
	13	Mar 24-26	180	42.8	34.0	56.0	1%	669	8	37.2	0	اف	اف	اف	اف	117	6	34.6
	14	Mar 31-Apr 02	42	44.3	35.0	55.0	0	595	8	40.2	0	اف	اف	اف	اف	72	6	30.4
	15	Apr 07-09	122	48.4	34.0	77.0	18%	685	9	44.8	0	اف	اف	اف	اف	53	7	29.3
	16	Apr 14-16	161	45.9	35.0	67.0	12%	581	9	52.5	0	اف	اف	اف	اف	68	8	26.0
	17	Apr 21-23	150	47.0	34.0	69.0	11%	546	8	56.3	1	اف	اف	اف	اف	80	5	38.2
	18	Apr 28-30	143	52.1	37.0	90.0	29%	806	9	58.0	0	اف	اف	اف	اف	56	5	44.1
	19	May 05-07	169	55.3	36.0	80.0	44%	732	9	62.5	0	اف	اف	اف	اف	86	6	46.4
	20	May 12-14	118	59.8	38.0	86.0	63%	643	9	63.7	0	اف	اف	اف	اف	74	7	44.9
	21	May 21-23	98	67.7	43.0	92.0	85%	684	9	69.7	0	اف	اف	اف	اف	113	8	41.8
	22	May 26-28	0	اف	اف	اف	اف	375	8	72.3	0	اف	اف	اف	اف	111	7	53.5
	23	Jun 02-04	90	70.8	59.0	107.0	100%	369	8	73.9	0	اف	اف	اف	اف	182	5	50.0
Weitchpec RST	16	Apr 14-16	4	اف	اف	اف	اف	NA	NA	NA	0	اف	اف	اف	اف	NA	NA	NA
	17	Apr 21-23	6	اف	اف	اف	اف	NA	NA	NA	0	اف	اف	اف	اف	NA	NA	NA
	18	Apr 28-30	5	اف	اف	اف	اف	NA	NA	NA	0	اف	اف	اف	اف	NA	NA	NA
	19	May 05-07	15	اف	اف	اف	اف	102	2	62.3	0	اف	اف	اف	اف	3	2	42.8
	20	May 12-14	91	86.3	46.0	210.0	96%	NA	NA	NA	0	اف	اف	اف	اف	NA	NA	NA
	21	May 21-24	72	88.5	64.0	105.0	100%	NA	NA	NA	0	اف	اف	اف	اف	NA	NA	NA
	22	May 26-28	0	اف	اف	اف	اف	NA	NA	NA	0	اف	اف	اف	اف	NA	NA	NA
	23	Jun 02-04	30	89.6	68.0	105.0	100%	321	4	90.6	0	اف	اف	اف	اف	7	3	46.2

^a sample size too low for a reportable calculation

Table 4. In-season summary of clinical signs of disease in young-of-the-year Chinook Salmon by site at the Iron Gate Hatchery, I-5, and Kinsman sites on the mainstem Klamath River, 2026. *Note: Although only Chinook Salmon are reported in this table, we also monitor clinical signs of diseases in Coho Salmon and other species.*

Preliminary Data - Subject to Revision

Site	Calendar week	Sampling dates	Weekly mean flow (cfs) ^a	Water temp. (°F) ^b		Belly condition			Gills				
						Sample size	Distended		Sample size	Color		Condition	
							# positive	%		Pale or worse		Eroded or fungal	
				# positive	%					# positive	%		
Iron Gate RST	9	2/26-2/27	2,963	44.9	44.9	31	0	0.0%	0	0	- ^c	0	- ^c
	10	3/3-3/6	1,359	44.7	47.6	42	0	0.0%	1	0	- ^d	0	- ^c
	11	3/10-3/13	1,133	44.7	47.3	67	0	0.0%	0	0	- ^d	0	-
	12	3/17-3/20	1,094	50.4	51.4	75	0	0.0%	25	0	- ^d	0	- ^c
	13	3/24-3/27	1,137	51.9	55.7	90	0	0.0%	22	0	- ^d	0	- ^c
	14	3/31-4/3	1,263	49.6	54.0	77	0	0.0%	55	1	1.8%	0	0.0%
	15	4/7-4/10	1,374	54.7	57.8	90	2	2.2%	46	3	6.5%	1	2.2%
	16	4/14-4/17	1,394	48.5	54.2	90	2	2.2%	85	0	0.0%	0	0.0%
	17	4/21-4/24	1,363	51.0	54.7	90	2	2.2%	79	12	15.2%	0	0.0%
	18	4/28-5/1	1,320	53.1	56.0	90	0	0.0%	85	25	29.4%	0	0.0%
	19	5/5-5/8	1,284	59.0	60.8	90	0	0.0%	89	63	70.8%	0	0.0%
	20	5/12-5/15	1,400	59.0	65.7	93	22	23.7%	93	47	50.5%	1	1.1%
	21	5/19-5/22	1,414	61.2	62.9	90	6	6.7%	90	12	13.3%	2	2.2%
	22	5/27-5/29	1,367	57.7	58.5	60	7	11.7%	60	5	8.3%	1	1.7%
	23	6/2-6/5	1,197	62.5	65.3	90	17	18.9%	90	21	23.3%	0	0.0%
I-5	9	2/24-2/27	2,963	44.0	45.1	28	0	- ^d	0	0	- ^d	0	- ^c
	10	3/3-3/6	1,359	44.5	49.0	73	0	0.0%	0	0	- ^d	0	- ^c
	11	3/10-3/13	1,133	45.6	47.0	90	0	0.0%	0	0	- ^c	0	- ^c
	12	3/17-3/20	1,094	46.8	51.1	90	0	0.0%	25	0	- ^c	0	- ^c
	13	3/24-3/27	1,137	50.1	56.9	90	0	0.0%	25	0	- ^c	0	- ^c
	14	3/31-4/3	1,263	50.2	54.0	87	1	1.1%	43	0	0.0%	0	0.0%
	15	4/7-4/10	1,374	54.2	56.1	89	0	0.0%	55	1	1.8%	0	0.0%
	16	4/14-4/17	1,394	49.0	54.5	90	0	0.0%	75	0	0.0%	0	0.0%
	17	4/21-4/24	1,363	52.1	55.3	82	0	0.0%	56	3	5.4%	0	0.0%
	18	4/28-5/1	1,320	51.1	56.4	90	7	7.8%	70	18	25.7%	0	0.0%
	19	5/5-5/8	1,284	58.9	62.1	89	8	9.0%	80	65	81.3%	2	2.5%
	20	5/12-5/15	1,400	60.1	63.9	90	5	5.6%	84	28	33.3%	0	0.0%
	21	5/19-5/22	1,414	58.8	62.2	90	0	0.0%	89	14	15.7%	0	0.0%
	22	5/27-5/29	1,367	58.0	59.7	48	2	4.2%	48	2	4.2%	0	0.0%
	23	6/2-6/5	1,197	61.2	63.9	89	2	2.2%	89	32	36.0%	0	0.0%
Kinsman	9	2/24-2/27	5,990	46.7	46.7	15	0	- ^d	0	0	- ^c	0	- ^c
	10	3/4-3/6	3,037	47.5	50.5	88	0	0.0%	0	0	- ^c	0	- ^c
	11	3/11-3/13	2,161	48.2	50.1	120	0	0.0%	0	0	- ^c	0	- ^c
	12	3/17-3/20	1,864	52.2	55.2	120	0	0.0%	25	0	- ^c	0	- ^c
	13	3/24-3/27	1,782	53.6	55.9	180	1	0.6%	59	0	0.0%	0	0.0%
	14	3/31-4/3	1,909	51.8	54.9	42	0	0.0%	19	0	- ^c	0	- ^c
	15	4/7-4/10	1,967	57.7	60.3	122	0	0.0%	82	0	0.0%	0	0.0%
	16	4/14-4/17	2,059	52.6	55.7	161	2	1.2%	77	1	1.3%	0	0.0%
	17	4/21-4/24	1,936	54.3	56.6	150	0	0.0%	90	1	1.1%	0	0.0%
	18	4/28-5/1	1,803	55.1	61.0	143	2	1.4%	113	35	31.0%	0	0.0%
	19	5/5-5/8	1,692	62.9	65.1	169	9	5.3%	154	65	42.2%	2	1.3%
	20	5/12-5/15	1,716	64.7	67.9	118	9	7.6%	111	19	17.1%	1	0.9%
	21	5/19-5/22	1,692	62.8	66.1	98	5	5.1%	97	7	7.2%	1	1.0%
	22	5/29-5/29	1,651	62.8	62.8	41	0	0.0%	41	0	0.0%	0	0.0%
	23	6/2-6/5	1,512	63.7	68.2	90	2	2.2%	90	33	36.7%	0	0.0%
Weitchpec	16	4/14-4/17	6384	49.0	50.0	4	0	- ^c	4	0	- ^c	0	- ^c
	17	4/21-4/24	5660	45.0	55.8	6	0	- ^c	6	0	- ^c	0	- ^c
	18	4/28-5/1	5049	56.4	58.0	5	0	- ^c	5	0	- ^c	0	- ^c
	19	5/5-5/8	4654	51.5	64.8	15	0	- ^c	15	0	- ^c	0	- ^c
	20	5/12-5/15	4241	64.0	66.9	91	0	0.0%	91	0	0.0%	0	0.0%
	21	5/19-5/22	3937	62.6	67.1	72	0	0.0%	72	0	0.0%	0	0.0%
	22	5/27-5/29	3674			0	0	- ^c	0	0	- ^c	0	- ^c
	23	6/3-6/3	2893	67.1	67.8	30	1	3.3%	30	0	0.0%	0	0.0%

^a discharge below IGD used for Bogus and I-5 sites; discharge at Kinsman Site is Klamath River discharge near Seiad Valley minus discharge in the Scott River near Fort Jones

^b temperature recorded at time of trap check/seine

^c sample size too low for a reportable calculation

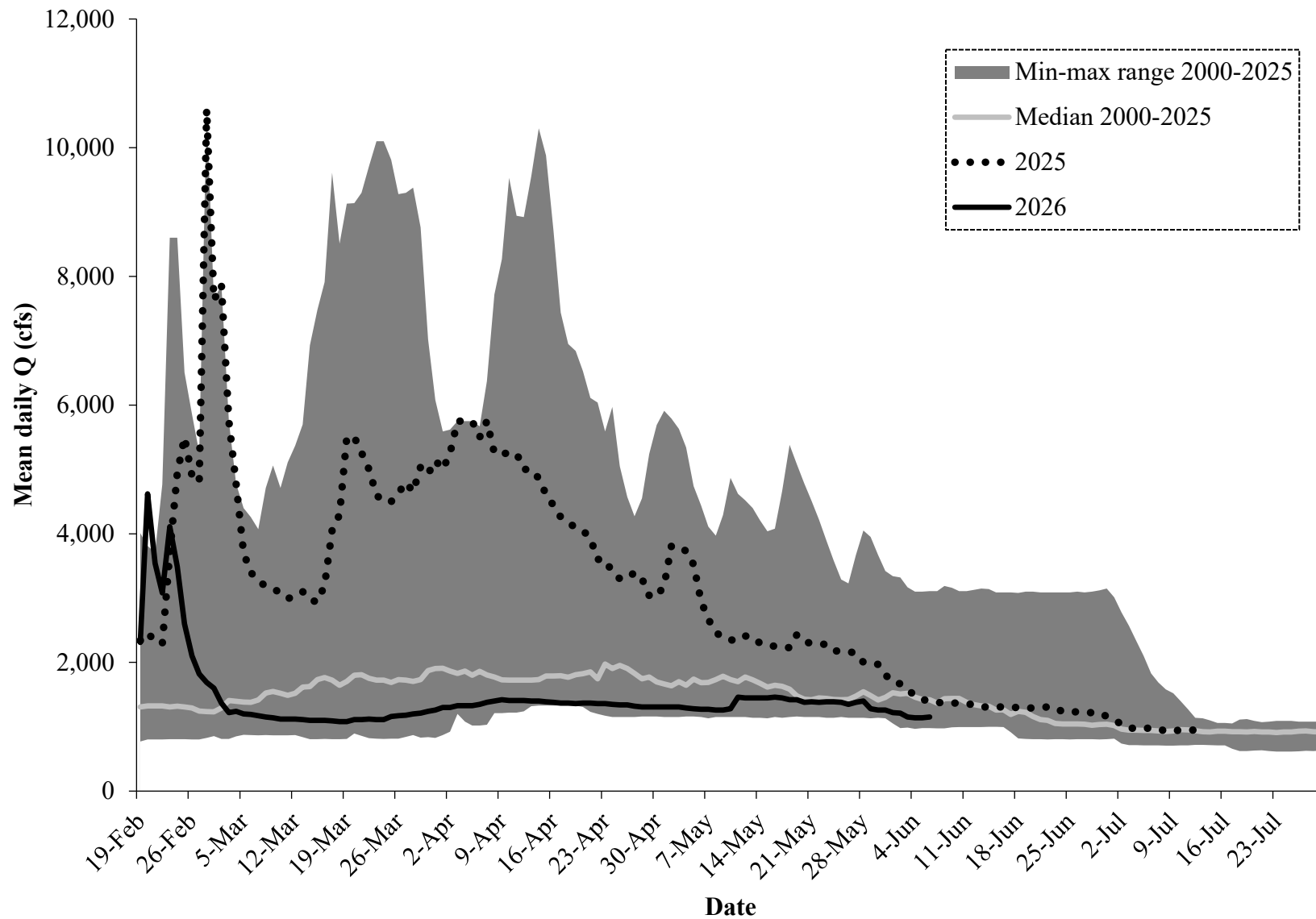


Figure 1. Daily mean discharge below Iron Gate Dam, Klamath River (USGS Gaging Station 11516530) from late February to date in 2026 and through July 2000–2025.

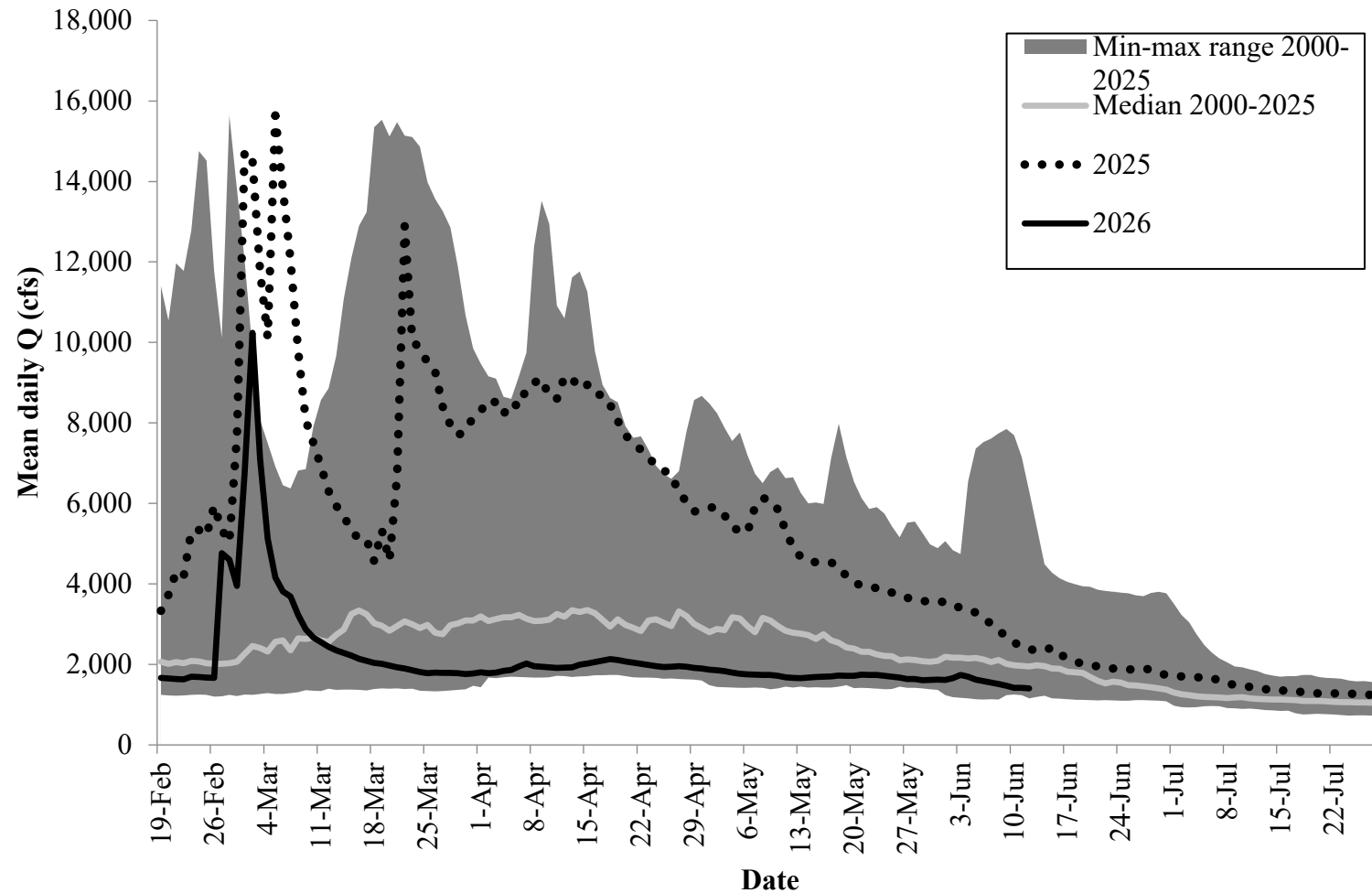


Figure 2. Klamath River daily mean discharge at the Kinsman Trap Site from late February to date in 2026 and through July 2000–2025. Discharge measurements are not available at this location. Therefore, Klamath River discharge near Seiad Valley, California (USGS Gaging Station 11520500) minus discharge from the Scott River near Fort Jones, California (USGS 11519500) is used as a surrogate.

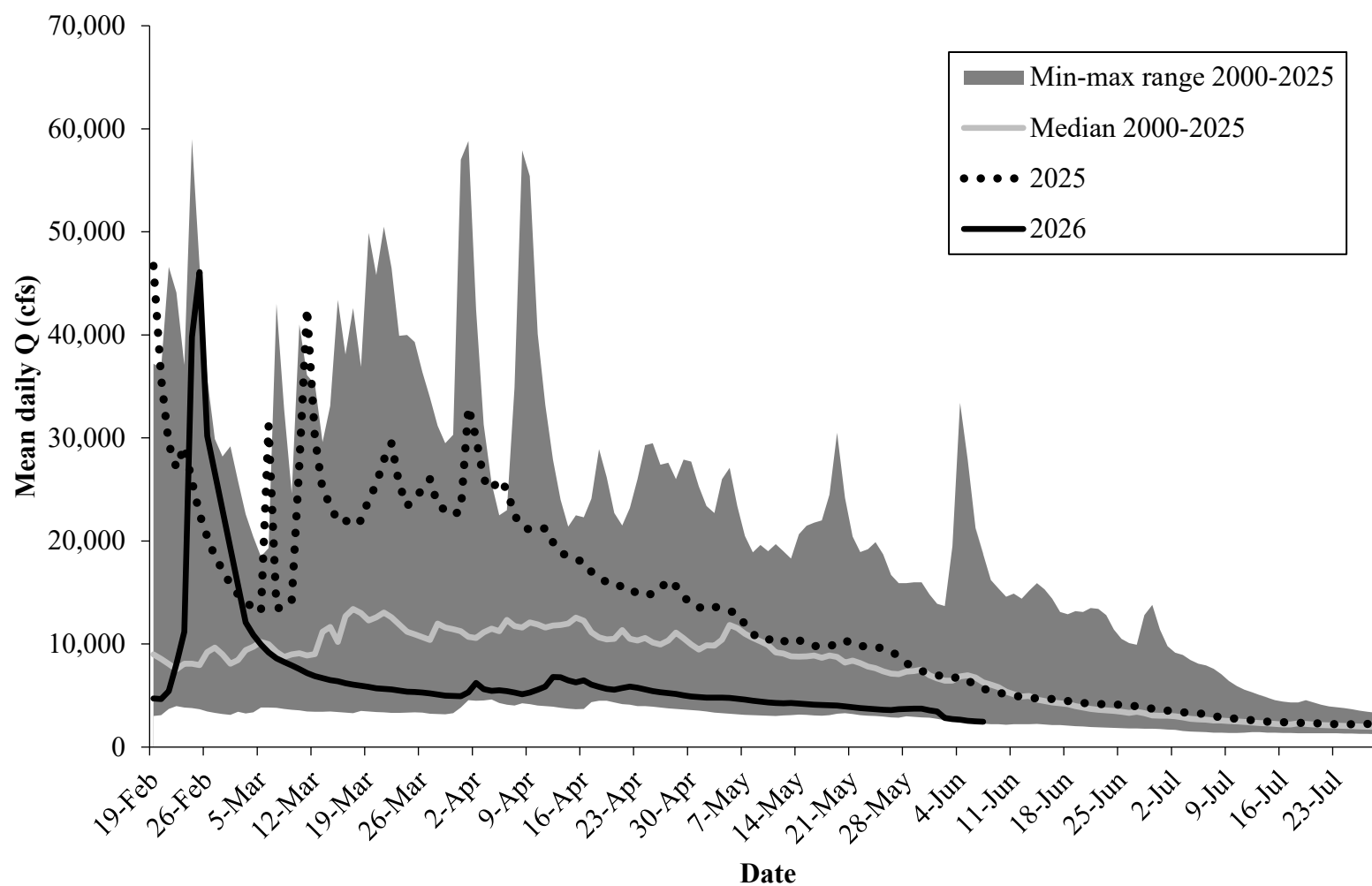


Figure 3. Daily mean discharge at Orleans, Klamath River (USGS Gaging Station 11523000) from late February to date in 2026 and through July 2000–2025.