

Fisheries Trends: Hauser Dam Tailrace & Hauser and Holter Reservoirs



Adam Strainer - FWP



Missouri River – Hauser Tailrace

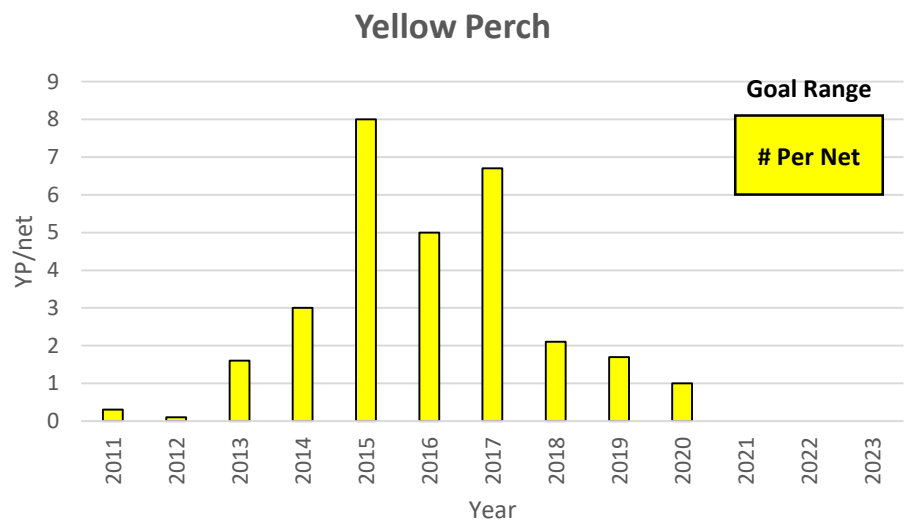
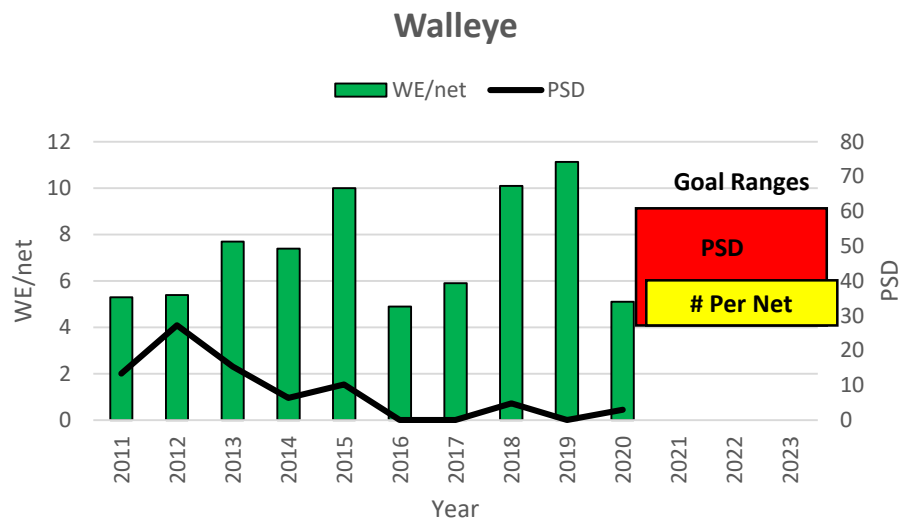
Creel Survey

Year	# Interv	Hours	RB	KOK	LL	WE	RB/HR	KOK/HR	LL/HR	WE/HR	# Boats
2012	1943	4862.7	3163	1	138	41	0.65	0.00	0.03	0.01	264
2013	2376	6107.5	3694	0	167	20	0.60	0.00	0.03	0.003	459
2014	2459	5765.4	4749	10	86	124	0.82	0.002	0.01	0.02	367
2015	1569	4129.8	3959	1	87	47	0.96	0.0002	0.02	0.01	257
2016	2721	6703.2	6155	1	98	52	0.92	0.0001	0.01	0.008	583
2017	2483	6218.7	5164	28	115	62	0.83	0.005	0.02	0.01	515
2018	2421	6179.8	5244	14	164	200	0.85	0.002	0.03	0.03	546
2019	1858	4818.5	2111	30	93	113	0.44	0.006	0.02	0.02	312
2020	1513	3789.4	1738	0	72	15	0.46	0.000	0.02	0.00	235
Average	2149	5397	3997	9	113	75	0.73	0.002	0.02	0.01	393
Total	19343	48575	35977	85	1020	674	6.53	0.02	0.19	0.12	3303

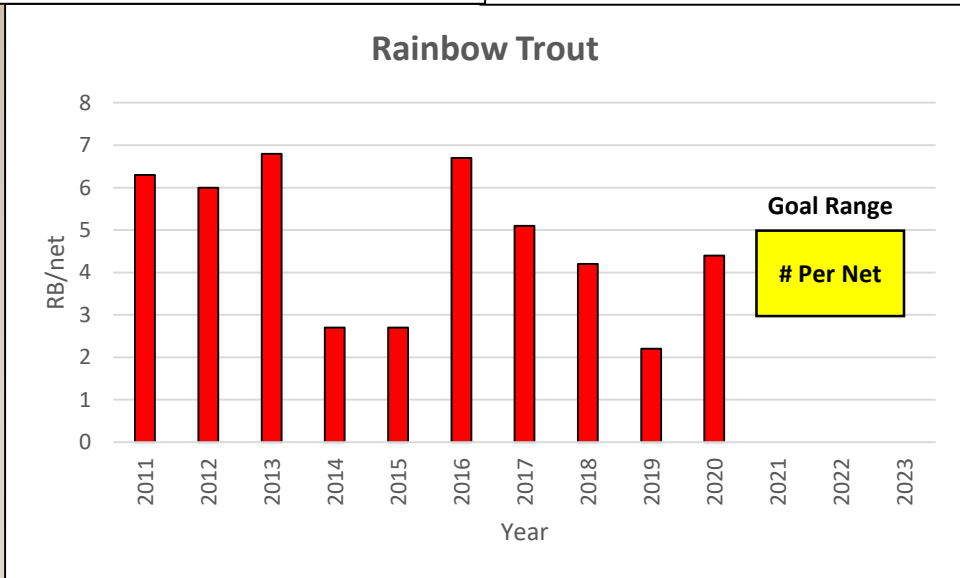


Hauser Reservoir - Annual Relative Abundance

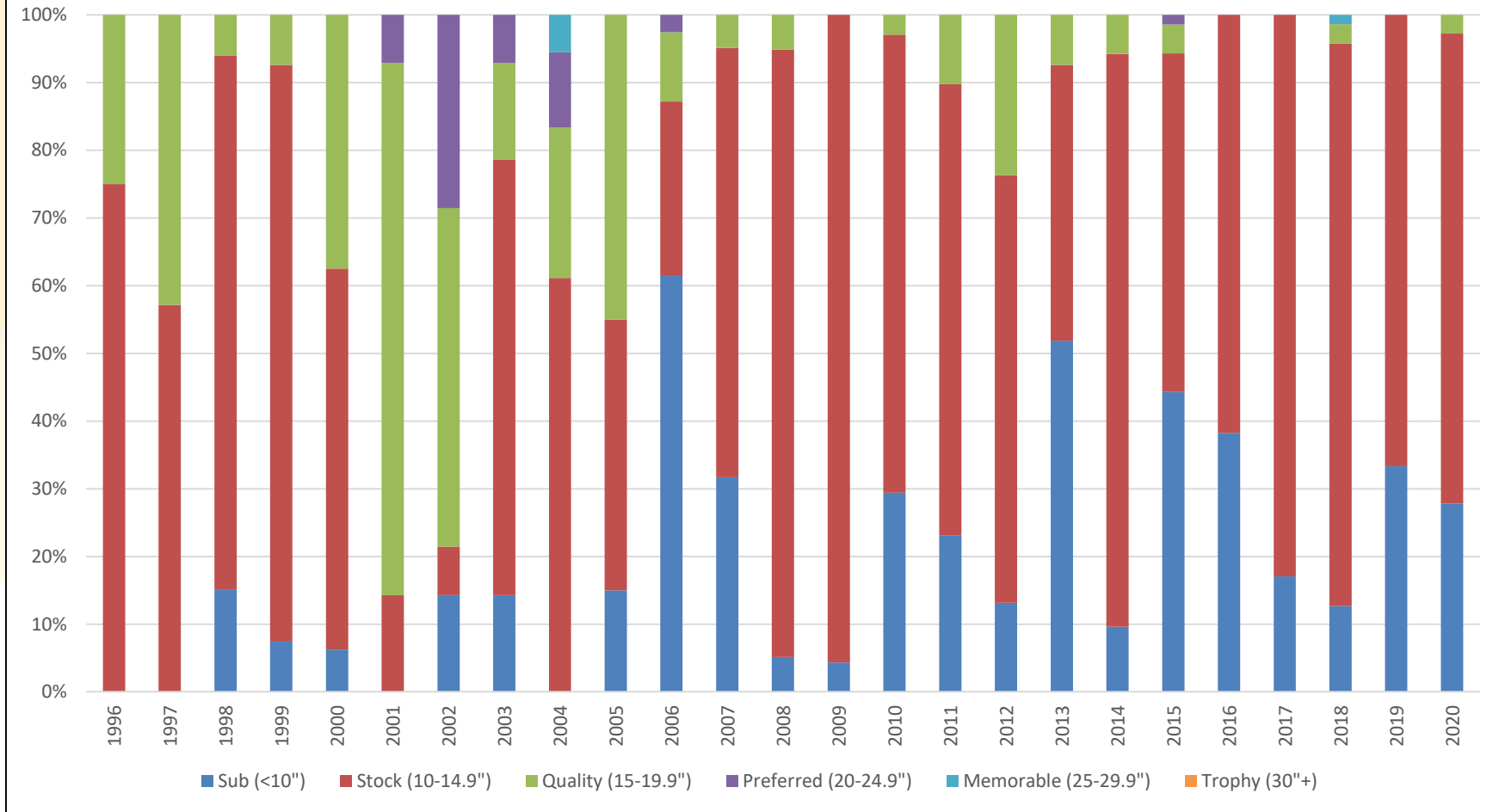
Fall Gillnetting Surveys



2020 Walleye
 PSD – 3
 #/net – 5.1



Hauser Reservoir Walleye RSD Frequency - Fall Survey





October 2020

Black Sandy State Park

Helena Valley Northeast

Lake Helena

Missouri River

Hauser Lake

Missouri River

York

Canyon Ferry

284



100K

June 2020



Wild

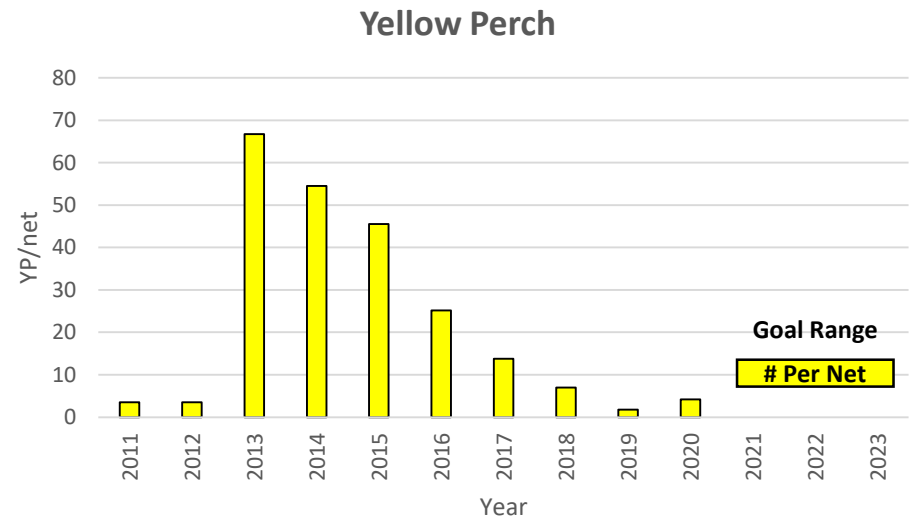
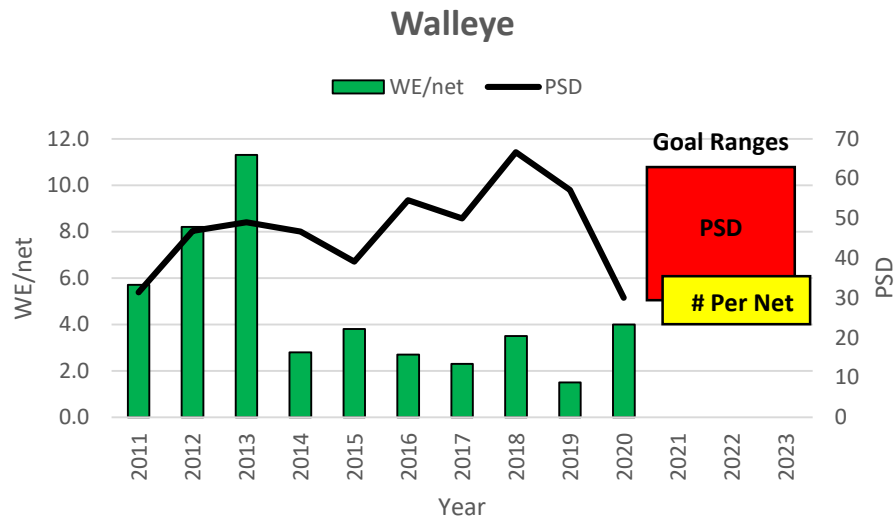


Kokanee Salmon – Update



Holter Reservoir - Annual Relative Abundance

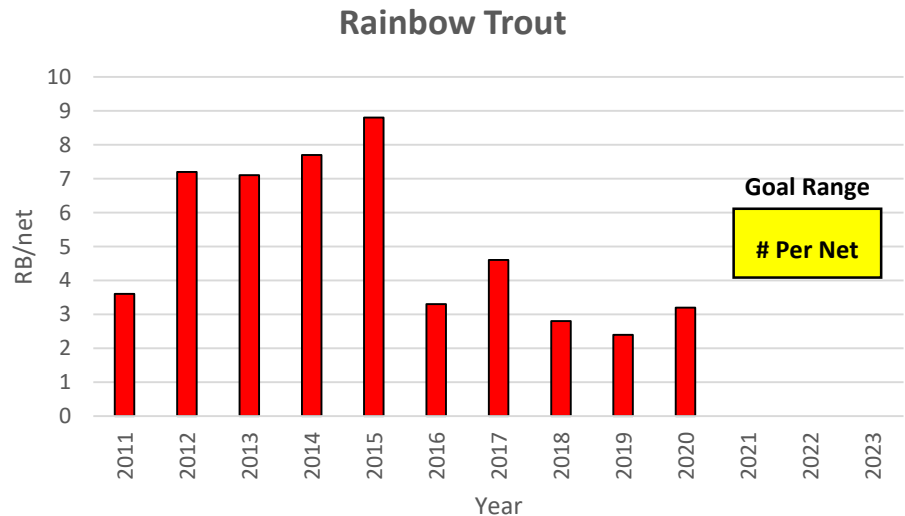
Fall Gillnetting Survey



2020 Walleye

PSD – 30

#/net – 4.0



	PSD Goal Range
	#/Net Goal Range



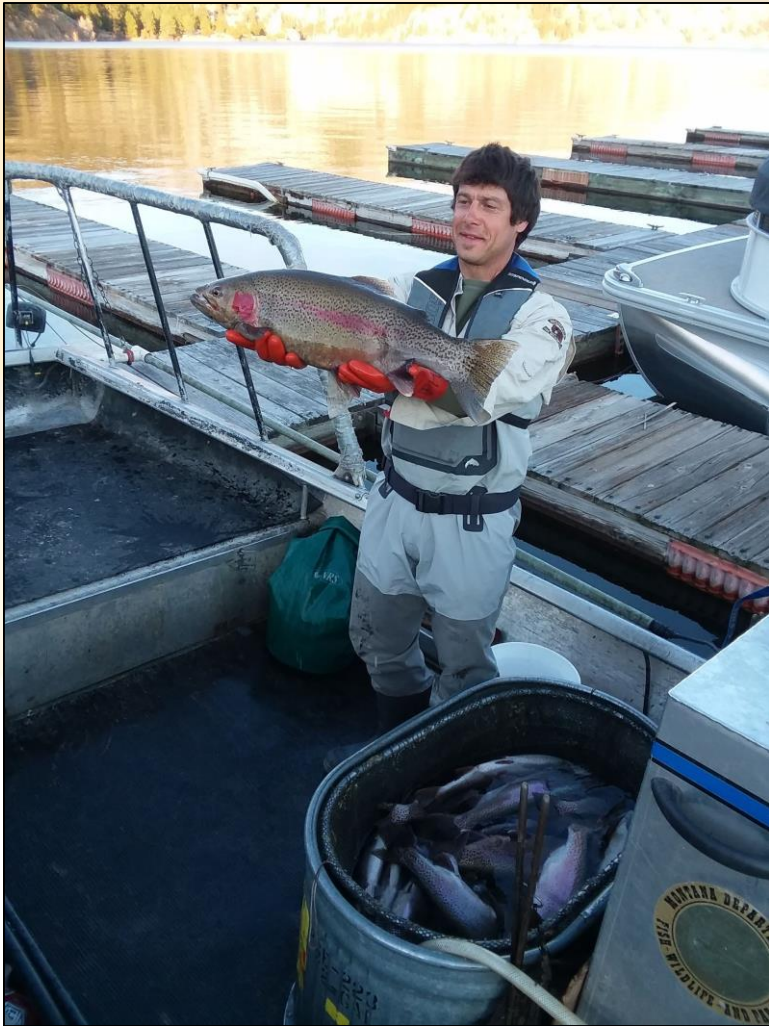
Holter - Northern Pike

Highest # sampled on record

- Stepwise downstream movement
 - 2008 - Toston Res.
 - 2009 – CFR (consistent since 2015)
 - 2018 – Hauser
 - 2020 – Holter
 - 2020 – Holter Tailrace?



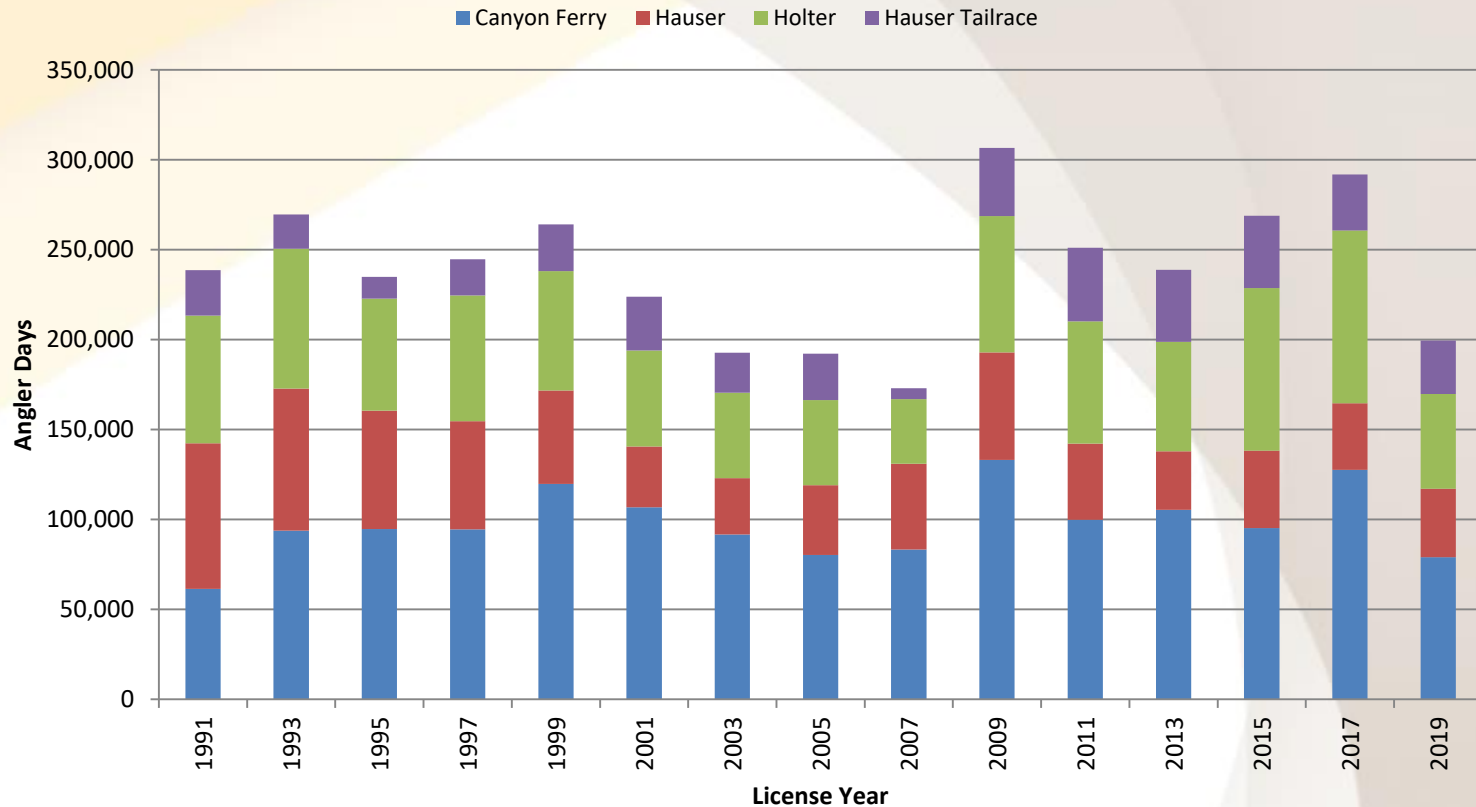
Holter Egg Take – 2020



2021 Operation Ovarian Fluid Freedom – Starts April 12th

Preliminary Pressure – 2019 License Year

Upper Missouri River Reservoir System - Total Angling Pressure



Walleye




	Target Range	Goal	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Canyon Ferry	3-6.9/net	5/net	3.5	3.9	5.4	6.5	6.1	5.5	6.2	8.6	9.1	7.9
Hauser	2-5.9/net	2-3/net	4.5	4.5	5.2	6.1	6.8	8.4	7.4	6.9	6.9	9.1
Holter	2-5.9/net	4/net	6.3	5.7	6.0	8.4	7.4	6.0	3.1	2.9	2.8	2.4

Rainbow Trout

	Target Range	Goal	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Canyon Ferry	>3/net	5-6/net	3.6	3.0	3.2	3.2	3.2	3.6	4.2	3.5	2.6	2.6
Hauser	>1/net	3/net	5.0	5.2	5.9	6.4	5.2	4.1	4.0	4.0	5.3	3.8
Holter	>2/net	6/net	5.0	5.2	5.5	6.0	7.3	7.9	6.6	5.6	3.6	3.3

Yellow Perch

	Target Range	Goal	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Canyon Ferry	3-14.9/net	10/net	2.3	1.8	1.2	1.9	2.9	3.9	4.6	4.9	4.7	4
Hauser	1-6.9/net	4/net	0.6	0.4	0.4	0.7	1.6	4.2	5.3	6.6	4.3	3.5
Holter	2-9.9/net	6/net	1.8	1.8	2.8	24.6	41.6	55.6	41.7	28.2	15.3	7.5

 = meets management goals
 = below management goals, within management range
 = exceeds upper or lower management triggers


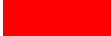
Report Card

NEW

Canyon Ferry		
	Goal	2020
WE	5 to 7 (PSD 30-60)	4.5 (21)
RB	4 to 6	3.9
YP	6 to 10	0.8

Hauser		
	Goal	2020
WE	4 to 6 (PSD 30-60)	5.1 (3)
RB	3 to 5	4.4
YP	6 to 8	1.0

Holter		
	Goal	2020
WE	4 to 6 (PSD 30-60)	4 (30)
RB	4 to 6	3.2
YP	8 to 12	4.2

 = meets plan goal range
 = above or below plan goal range



2021 Management Changes

- New walleye regulations on Canyon Ferry & Hauser Reservoirs:
10 daily, only 1 over 15 inches; possession limit is twice the daily limit
- Add a kokanee plant for Hauser Reservoir back to the stocking plan

Egg take timing and egg shortage in 2021 = 2022



Questions?

