

KEY to Fishladders

- 1 - Bonneville Bradford Island fishladder at Bonneville Dam
- 2 - Bonneville Washington shore fishladder at Bonneville Dam
- 3 - The Dalles East fishladder at The Dalles Dam
- 4 - The Dalles North fishladder at The Dalles Dam
- 5 - John Day South fishladder at John Day Dam
- 6 - John Day North fishladder at John Day Dam
- 7 - McNary Oregon shore fishladder at McNary Dam
- 8 - McNary Washington shore fishladder at McNary Dam
- 9 - Ice Harbor South fishladder at Ice Harbor Dam
- 10 - Ice Harbor North fishladder at Ice Harbor Dam
- 11 - Lower Monumental South fishladder at Lower Monumental Dam
- 12 - Lower Monumental North fishladder at Lower Monumental Dam
- 13 - Little Goose Dam (one fishladder)
- 14 - Lower Granite Dam (one fishladder)

The following pages show the miscellaneous fish counts fish counters working for the U.S. Army Corps of Engineers made in 1998-2005 (at Bonneville, The Dalles and John Day) and in 2006-2011 (at all of the above listed dams on the Columbia and Snake rivers).

The miscellaneous fish species the fish counters count are

- Atlantic salmon (*Salmo salar*) (No Atlantic salmon were seen these years.)
- Bull trout (*Salvelinus confluentus*)
- Grass carp (*Ctenopharyngodon idella*)
- sturgeon (When sturgeon are seen in the fishladders they are usually White sturgeon (*Acipenser transmontanus*) rather than Green sturgeon (*Acipenser medirostris*)).
- In addition, beginning in 2006, the fish counters were asked to make a special count oral tumors on the fish they were counting.

2011 Fish Counting Hours

Bonneville: 16 hours a day 1/1-12/31.

The Dalles, John Day, McNary, Ice Harbor, Lower Monumental, and Little Goose: 16 hours each day 4/1-10/31.

Lower Granite: 10 hours each day 3/1-3/31, 16 hours each day 4/1-10/31, 10 hours each day 11/1-12/31.

The fish counters take a 10 minute break from counting each hour from 4/1 through 10/31.

The fish counters count by video before 4/1 and after 10/31 (at Bonneville and Lower Granite).

Species*	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
Bull trout	9		6/7/2011	8	upstream	12 inches	
Bull trout	9		6/7/2011	8	downstream	12 inches	
Bull trout	9	3	6/7/2011	16	upstream	13 inches	good condition
Bull trout	12		4/14/2011	13	upstream	13.5 inches	unclipped, perfect condition
Bull trout	12		4/17/2011	9	upstream	16.5 inches	unclipped, perfect condition
Bull trout	12		4/20/2011	16	upstream	12.5 inches	unclipped
Bull trout	12		4/21/2011	9	upstream	13 inches	unclipped
Bull trout	12		4/21/2011	12	upstream	12 inches	good condition
Bull trout	12		4/25/2011	16	upstream	14 inches	unclipped, good condition
Bull trout	12		4/27/2011	12	upstream	14 inches	unclipped, good condition
Bull trout	12		4/30/2011	16	upstream	14 inches	
Bull trout	12		5/7/2011	7	upstream	8 inches	skinny
Bull trout	12		5/8/2011	13	upstream	23 inches	unclipped, perfect condition
Bull trout	12		5/10/2011	7	upstream	23 inches	good condition
Bull trout	12		5/10/2011	13	upstream	11 inches	unclipped, good condition
Bull trout	12		5/12/2011	16	upstream	12 inches	unclipped, good condition
Bull trout	12		5/15/2011	9	upstream	8 inches	good wild
Bull trout	12		5/15/2011	9	downstream	8 inches	good wild
Bull trout	12		5/15/2011	9	upstream	8 inches	good wild
Bull trout	12		5/15/2011	11	upstream	12 inches	good wild
Bull trout	12		5/16/2011	9	upstream	12 inches	good wild
Bull trout	12		5/16/2011	11	upstream	14 inches	good wild
Bull trout	12		5/23/2011	11	upstream	8 inches	good wild
Bull trout	12		5/31/2011	14	upstream	14 inches	unclipped, good condition
Bull trout	12		6/2/2011	9	upstream	12 inches	unclipped, good condition
Bull trout	12		6/2/2011	12	upstream	8 inches	unclipped, good condition
Bull trout	12		6/4/2011	5	upstream	13 inches	unclipped, good condition
Bull trout	12		6/4/2011	13	downstream	13 inches	unclipped, good condition

*Bull trout were counted electronically and were also hand written down on paper. Sightings in black were in both hand written and electronic notes. Sightings in red were in hand written notes only. Sightings in orange were in electronic notes only.

*cumulative sightings in each fishladder this year

Species*	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
Bull trout	12		6/13/2011	10	upstream	18 inches	unclipped, good condition
Bull trout	12		6/16/2011	4	upstream	14 inches	unclipped, good condition
Bull trout	12		6/21/2011	5	upstream	12 inches	good condition
Bull trout	12		6/21/2011	5	upstream	18 inches	unclipped, good condition
Bull trout	12		6/21/2011	5	downstream	12 inches	good condition
Bull trout	12		6/26/2011	11	upstream	12 inches	good condition
Bull trout	12		7/3/2011	8	upstream	9 inches	unclipped, good condition
Bull trout	12		7/4/2011	5	upstream	13 inches	unclipped, good condition
Bull trout	12		7/9/2011	6	upstream	12 inches	unclipped, good condition
Bull trout	12		7/12/2011	3	upstream	12 inches	good condition
Bull trout	12		7/12/2011	4	upstream	12 inches	good condition
Bull trout	12		7/13/2011	15	upstream	12 inches	good condition
Bull trout	12		7/19/2011	16	upstream	12 inches	unclipped, good condition
Bull trout	12		7/19/2011	16	upstream	16 inches	unclipped, good condition
Bull trout	12		7/20/2011	9	upstream	12 inches	
Bull trout	12		7/24/2011	12	up and down	8 inches	
Bull trout	12		7/27/2011	5	upstream	12 inches	unclipped, good condition
Bull trout	12		7/27/2011	6	upstream	14 inches	unclipped, good condition
Bull trout	12		7/28/2011	5	upstream	8 inches	unclipped, good condition
Bull trout	12		7/31/2011	6	upstream	8 inches	unclipped, good condition
Bull trout	12		8/2/2011	4	upstream	10 inches	unclipped, good condition
Bull trout	12	47	8/3/2011	3	upstream	12 inches	good condition
Bull trout	13		4/29/2011	13	upstream	16 inches	unclipped, good condition
Bull trout	13		4/30/2011	13	upstream	13 inches	unclipped, good condition
Bull trout	13		5/7/2011	7	upstream	18 inches	unclipped
Bull trout	13		5/10/2011	4	upstream	13 inches	
Bull trout	13		5/10/2011	4	upstream	12 inches	
Bull trout	13		5/10/2011	6	upstream	18 inches	
Bull trout	13		5/10/2011	11	upstream	12 inches	good condition
Bull trout	13		5/10/2011	12	upstream	16 inches	good condition
Bull trout	13		5/10/2011	13	downstream	12 inches	good condition
Bull trout	13		5/10/2011	15	upstream	12 inches	good condition
Bull trout	13		5/12/2011	14	upstream	17 inches	good condition
Bull trout	13		5/13/2011	2	upstream	12 inches	good
Bull trout	13		5/13/2011	12	downstream	12 inches	good

*Bull trout were counted electronically and were also hand written down on paper. Sightings in black were in both hand written and electronic notes. Sightings in red were in hand written notes only. Sightings in orange were in electronic notes only.

*cumulative sightings in each fishladder this year

Species*	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
Bull trout	13		5/15/2011	4	upstream	13 inches	good wild
Bull trout	13		5/17/2011	9	upstream	13 inches	good wild
Bull trout	13		5/17/2011	11	upstream	16 inches	good wild
Bull trout	13		5/17/2011	12	upstream	12 inches	good wild
Bull trout	13		5/17/2011	16	upstream	13 inches	good wild
Bull trout	13		5/18/2011	2	upstream	12 inches	good wild
Bull trout	13		5/18/2011	13	upstream	6 inches	good wild
Bull trout	13		5/18/2011	13	downstream	6 inches	good wild
Bull trout	13		5/18/2011	14	downstream	12 inches	good wild
Bull trout	13		5/18/2011	14	downstream	16 inches	good wild
Bull trout	13		5/19/2011	9	upstream	6 inches	good wild
Bull trout	13		5/22/2011	9	upstream	13 inches	
Bull trout	13		5/22/2011	10	upstream	11 inches	
Bull trout	13		5/22/2011	12	upstream	16 inches	
Bull trout	13		5/23/2011	3	upstream	11 inches	good
Bull trout	13		5/23/2011	10	downstream	11 inches	good
Bull trout	13		5/23/2011	13	downstream	13 inches	good
Bull trout	13		5/24/2011	5	upstream	11 inches	good condition
Bull trout	13		5/24/2011	5	downstream	11 inches	good condition
Bull trout	13		5/24/2011	5	upstream	11 inches	good condition
Bull trout	13		5/24/2011	12	upstream	11 inches	clipped, good condition
Bull trout	13		5/24/2011	12	upstream	11 inches	unclipped, good condition
Bull trout	13		5/24/2011	14	upstream	10 inches	unclipped, good condition
Bull trout	13		5/24/2011	16	downstream	10 inches	unclipped, good condition
Bull trout	13		5/25/2011	3	upstream	12 inches	good condition
Bull trout	13		5/25/2011	3	downstream	12 inches	good condition
Bull trout	13		5/25/2011	9	upstream	11 inches	unclipped, good condition
Bull trout	13		5/25/2011	12	downstream	11 inches	unclipped, good condition
Bull trout	13		5/25/2011	12	upstream	11 inches	unclipped, good condition
Bull trout	13		5/25/2011	13	upstream	12 inches	unclipped, good condition
Bull trout	13		5/26/2011	6	upstream	11 inches	good condition
Bull trout	13		5/26/2011	8	upstream	12 inches	good condition
Bull trout	13		5/26/2011	9	upstream	12 inches	unclipped, good condition
Bull trout	13		5/26/2011	11	upstream	11 inches	unclipped, good condition
Bull trout	13		5/26/2011	13	downstream	11 inches	unclipped, good condition

*Bull trout were counted electronically and were also hand written down on paper. Sightings in black were in both hand written and electronic notes. Sightings in red were in hand written notes only. Sightings in orange were in electronic notes only.

*cumulative sightings in each fishladder this year

Species*	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
Bull trout	13		5/26/2011	14	upstream	11 inches	unclipped, good condition
Bull trout	13		5/26/2011	15	upstream	12 inches	unclipped, good condition
Bull trout	13		5/27/2011	6	downstream	12 inches	good condition
Bull trout	13		5/27/2011	8	upstream	12 inches	good condition
Bull trout	13		5/27/2011	11	upstream	11 inches	unclipped, good condition
Bull trout	13		5/27/2011	15	downstream	11 inches	unclipped, good condition
Bull trout	13		5/28/2011	8	upstream	18 inches	good condition
Bull trout	13		5/28/2011	12	upstream	13 inches	unclipped, netmarks
Bull trout	13		5/28/2011	15	upstream	15 inches	unclipped, good condition
Bull trout	13		5/29/2011	2	downstream	15 inches	unclipped, good condition
Bull trout	13		5/29/2011	5	upstream	12 inches	unclipped, good condition
Bull trout	13		5/29/2011	6	upstream	18 inches	unclipped, good condition
Bull trout	13		5/29/2011	12	upstream	15 inches	unclipped, good condition
Bull trout	13		5/29/2011	13	upstream	18 inches	unclipped, good condition
Bull trout	13		5/30/2011	9	upstream	12 inches	unclipped, good condition
Bull trout	13		5/30/2011	10	upstream	16 inches	unclipped, good condition
Bull trout	13		5/30/2011	16	upstream	13 inches	unclipped, good condition
Bull trout	13		5/31/2011	8	upstream	13 inches	unclipped, good condition
Bull trout	13		6/1/2011	8	upstream	13 inches	unclipped, good condition
Bull trout	13		6/1/2011	8	downstream	13 inches	unclipped, good condition
Bull trout	13		6/1/2011	15	upstream	12 inches	unclipped, good condition
Bull trout	13		6/3/2011	1	upstream	10 inches	unclipped, good condition
Bull trout	13		6/3/2011	1	downstream	10 inches	unclipped, good condition
Bull trout	13		6/3/2011	14	upstream	12 inches	unclipped, good condition
Bull trout	13		6/3/2011	14	downstream	12 inches	unclipped, good condition
Bull trout	13		6/3/2011	14	upstream	12 inches	unclipped, good condition
Bull trout	13		6/4/2011	3	upstream	13 inches	unclipped, good condition
Bull trout	13		6/4/2011	5	upstream	16 inches	unclipped, good condition
Bull trout	13		6/5/2011	2	upstream	13 inches	unclipped, good condition
Bull trout	13		6/5/2011	2	downstream	13 inches	unclipped, good condition
Bull trout	13		6/5/2011	3	upstream	15 inches	unclipped, good condition
Bull trout	13		6/5/2011	9	upstream	12 inches	unclipped, good condition
Bull trout	13		6/5/2011	9	downstream	12 inches	unclipped, good condition
Bull trout	13		6/6/2011	5	upstream	13 inches	unclipped, good condition
Bull trout	13		6/6/2011	8	upstream	12 inches	unclipped, good condition

*Bull trout were counted electronically and were also hand written down on paper. Sightings in black were in both hand written and electronic notes. Sightings in red were in hand written notes only. Sightings in orange were in electronic notes only.

*cumulative sightings in each fishladder this year

Species*	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
Bull trout	13		6/6/2011	10	upstream	10 inches	unclipped, good condition
Bull trout	13		6/6/2011	11	upstream	12 inches	unclipped, good condition
Bull trout	13		6/6/2011	11	upstream	10 inches	unclipped, good condition
Bull trout	13		6/6/2011	12	upstream	11 inches	unclipped, good condition
Bull trout	13		6/6/2011	14	upstream	13 inches	unclipped, good condition
Bull trout	13		6/6/2011	16	upstream	10 inches	unclipped, good condition
Bull trout	13		6/7/2011	2	upstream	17 inches	good condition
Bull trout	13		6/7/2011	2	downstream	17 inches	good condition
Bull trout	13		6/7/2011	6	upstream	18 inches	good condition
Bull trout	13		6/7/2011	6	upstream	18 inches	good condition
Bull trout	13		6/7/2011	7	upstream	13 inches	good condition
Bull trout	13		6/7/2011	8	downstream	13 inches	good condition
Bull trout	13		6/7/2011	8	upstream	13 inches	good condition
Bull trout	13		6/7/2011	8	downstream	13 inches	good condition
Bull trout	13		6/7/2011	8	upstream	10 inches	good condition
Bull trout	13		6/7/2011	8	downstream	10 inches	good condition
Bull trout	13		6/7/2011	10	upstream	13 inches	unclipped, good condition
Bull trout	13		6/8/2011	10	upstream	13 inches	unclipped, good condition
Bull trout	13		6/8/2011	12	upstream	10 inches	unclipped, good condition
Bull trout	13		6/8/2011	12	downstream	10 inches	unclipped, good condition
Bull trout	13		6/8/2011	12	upstream	15 inches	good condition
Bull trout	13		6/8/2011	16	upstream	13 inches	good condition
Bull trout	13		6/9/2011	8	upstream	12 inches	good condition
Bull trout	13		6/10/2011	10	downstream	13 inches	good condition
Bull trout	13		6/13/2011	15	upstream	13 inches	good condition
Bull trout	13		6/13/2011	15	downstream	13 inches	good condition
Bull trout	13		6/13/2011	15	upstream	13 inches	good condition
Bull trout	13		6/14/2011	14	upstream	13 inches	unclipped, good condition
Bull trout	13		6/15/2011	7	upstream	12 inches	good condition
Bull trout	13		6/15/2011	9	downstream	12 inches	good condition
Bull trout	13		6/15/2011	16	upstream	12 inches	good condition
Bull trout	13		6/16/2011	4	upstream	13 inches	good condition
Bull trout	13		6/16/2011	11	upstream	14 inches	good condition
Bull trout	13		6/16/2011	11	upstream	12 inches	good condition
Bull trout	13		6/18/2011	14	upstream	11 inches	good condition
Bull trout	13		6/20/2011	13	upstream	14 inches	good condition
Bull trout	13		6/20/2011	14	upstream	12 inches	good condition
Bull trout	13		6/20/2011	15	upstream	12 inches	good condition

*cumulative sightings in each fishladder this year

Species	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
Bull trout	13		6/20/2011	15	downstream	12 inches	good condition
Bull trout	13		6/22/2011	4	downstream	14 inches	good condition
Bull trout	13		6/22/2011	8	upstream	14 inches	good condition
Bull trout	13		6/23/2011	6	upstream	14 inches	good condition
Bull trout	13		6/23/2011	9	upstream	12 inches	good condition
Bull trout	13		6/23/2011	14	upstream	11 inches	good condition
Bull trout	13		6/23/2011	16	upstream	11 inches	good condition
Bull trout	13		6/24/2011	1	downstream	12 inches	good condition
Bull trout	13		6/24/2011	1	upstream	12 inches	good condition
Bull trout	13		6/24/2011	1	downstream	12 inches	good condition
Bull trout	13		6/24/2011	10	upstream	12 inches	good condition
Bull trout	13		6/24/2011	13	downstream	12 inches	good condition
Bull trout	13		6/24/2011	13	upstream	12 inches	good condition
Bull trout	13		6/25/2011	5	upstream	12 inches	good condition
Bull trout	13		6/25/2011	15	upstream	12 inches	good condition
Bull trout	13		6/26/2011	6	upstream	11 inches	good condition
Bull trout	13		6/28/2011	2	upstream	13 inches	good condition
Bull trout	13		6/29/2011	1	upstream	12 inches	good condition
Bull trout	13		6/30/2011	4	upstream	11 inches	good condition
Bull trout	13		6/30/2011	6	upstream	12 inches	good condition
Bull trout	13		6/30/2011	13	upstream	15 inches	good condition
Bull trout	13		7/1/2011	5	upstream	11 inches	good condition
Bull trout	13		7/1/2011	9	upstream	13 inches	good condition
Bull trout	13		7/1/2011	14	upstream	15 inches	good condition
Bull trout	13		7/1/2011	14	downstream	15 inches	good condition
Bull trout	13		7/2/2011	10	upstream	15 inches	good condition
Bull trout	13		7/3/2011	5	upstream	12 inches	good condition
Bull trout	13		7/3/2011	5	downstream	12 inches	good condition
Bull trout	13		7/3/2011	9	downstream	15 inches	good condition
Bull trout	13		7/3/2011	13	downstream	13 inches	good condition
Bull trout	13		7/3/2011	16	upstream	15 inches	good condition
Bull trout	13		7/6/2011	8	upstream	12 inches	good condition
Bull trout	13		7/6/2011	16	upstream	11 inches	good condition
Bull trout	13		7/7/2011	4	upstream	12 inches	good condition
Bull trout	13		7/7/2011	4	downstream	12 inches	good condition

*Bull trout were counted electronically and were also hand written down on paper. Sightings in black were in both hand written and electronic notes. Sightings in red were in hand written notes only. Sightings in orange were in electronic notes only.

*cumulative sightings in each fishladder this year

Species	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
Bull trout	13		7/8/2011	5	upstream	12 inches	good condition
Bull trout	13		7/8/2011	14	upstream	13 inches	good condition
Bull trout	13		7/15/2011	3	upstream	12 inches	good condition
Bull trout	13		7/24/2011	16	upstream	12 inches	good condition
Bull trout	13	161	8/5/2011	14	upstream	12 inches	good condition
Bull trout	14	1	7/31/2011	8	upstream	13 inches	
Cutthroat	13		6/21/2011	11	upstream	12 inches	
Cutthroat	13		6/21/2011	11	downstream	12 inches	
eulachon	4	1	4/23/2011	8	upstream		
Grass carp	9	1	7/5/2011	12	upstream		
Grass carp	12	1	7/3/2011	7	upstream		
Grass carp	14	1	6/23/2011	15	upstream		
oral tumors	1	1	6/15/2011	8	upstream		adult chinook
oral tumors	3	1	7/11/2011	8	upstream		adult chinook
oral tumors	5	1	5/26/2011	16	upstream		adult chinook
oral tumors	13		5/8/2011	8	upstream		adult chinook
oral tumors	13		6/18/2011	3	upstream		adult chinook
oral tumors	13		7/24/2011	16	upstream		adult chinook
oral tumors	13	4	8/25/2011	8	upstream		unclipped steelhead
sturgeon	1		1/11/2011	10	down and up	2.5 feet	
sturgeon	1		1/17/2011	16	upstream	2.5 feet	
sturgeon	1		1/18/2011	6	down and up	3 feet	
sturgeon	1		1/22/2011	16	down and up	3.5 feet	
sturgeon	1		3/15/2011	4	downstream	3 feet	
sturgeon	1		3/26/2011	16	down and up	3.5 feet	
sturgeon	1		4/6/2011	2	upstream	2.5 feet	
sturgeon	1		4/17/2011	16	downstream	2.5 feet	
sturgeon	1		4/18/2011	9	downstream	2 feet	
sturgeon	1		4/18/2011	10	upstream	2 feet	
sturgeon	1		4/19/2011	16	downstream	4 feet	
sturgeon	1		5/20/2011	11	upstream	4 feet	
sturgeon	1		8/5/2011	16	upstream	2.5 feet	
sturgeon	1		9/12/2011	5	upstream	3 feet	

*cumulative sightings in each fishladder this year

Species	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1		9/15/2011	8	upstream	3 feet	
sturgeon	1		10/19/2011	12	upstream	3.5 feet	
sturgeon	1	17	10/25/2011	4	upstream	3.5 feet	
sturgeon	2		7/6/2011	13	upstream	3 feet	
sturgeon	2		7/10/2011	11	upstream	3 feet	
sturgeon	2		7/10/2011	11	downstream	3 feet	
sturgeon	2		7/16/2011	14	upstream	3 feet	
sturgeon	2		7/19/2011	13	upstream	2.5 feet	
sturgeon	2		8/31/2011	13	upstream	5 feet	
sturgeon	2		8/31/2011	13	downstream	5 feet	
sturgeon	2		9/11/2011	10	upstream	3.5 feet	
sturgeon	2		9/16/2011	5	upstream	2 feet	
sturgeon	2		9/27/2011	16	upstream	2 feet	
sturgeon	2		9/28/2011	8	downstream	3 feet	
sturgeon	2		10/3/2011	8	upstream	3.5 feet	
sturgeon	2		10/5/2011	14	upstream	3 feet	
sturgeon	2		10/5/2011	14	upstream	3.5 feet	
sturgeon	2		10/9/2011	15	upstream	4 feet	
sturgeon	2		10/10/2011	13	upstream	3 feet	
sturgeon	2		10/11/2011	3	up and down	3.5 feet	
sturgeon	2		10/11/2011	11	upstream	5 feet	
sturgeon	2		10/13/2011	14	upstream	3 feet	
sturgeon	2		10/14/2011	15	upstream	5 feet	
sturgeon	2		10/14/2011	15	upstream	3 feet	
sturgeon	2		10/22/2011	4	upstream	3 feet	
sturgeon	2	23	11/25/2011	2	downstream	3 feet	
sturgeon	3		6/2/2011	16	upstream	6 feet	
sturgeon	3		6/5/2011	5	upstream	5 feet	
sturgeon	3		6/5/2011	10	upstream	8 feet	
sturgeon	3		6/9/2011	3	upstream	5 feet	
sturgeon	3		6/15/2011	3	upstream	3 feet	
sturgeon	3		6/16/2011	15	upstream	5 feet	
sturgeon	3		6/28/2011	16	upstream	4 feet	
sturgeon	3		6/29/2011	4	upstream	3.5 feet	
sturgeon	3		6/29/2011	13	upstream	3 feet	
sturgeon	3		6/29/2011	15	upstream	2 feet	
sturgeon	3		6/30/2011	8	upstream	4.5 feet	
sturgeon	3		6/30/2011	14	upstream	4 feet	

*cumulative sightings in each fishladder this year

Species	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3		6/30/2011	16	upstream	3.5 feet	
sturgeon	3		7/2/2011	3	upstream		huge
sturgeon	3		7/2/2011	15	upstream	4 feet	
sturgeon	3		7/5/2011	4	upstream	6 feet	
sturgeon	3		7/5/2011	7	upstream	4 feet	
sturgeon	3		7/5/2011	14	upstream	3 feet	
sturgeon	3		7/5/2011	15	upstream	3 feet	
sturgeon	3		7/6/2011	2	upstream	6 feet	
sturgeon	3		7/6/2011	9	upstream	3 feet	
sturgeon	3		7/8/2011	4	upstream	3 feet	
sturgeon	3		7/8/2011	13	upstream	2.5 feet	
sturgeon	3		7/8/2011	16	upstream	3 feet	
sturgeon	3		7/8/2011	16	upstream	7 feet	
sturgeon	3		7/11/2011	8	upstream	4 feet	
sturgeon	3		7/11/2011	8	upstream	5 feet	
sturgeon	3		7/12/2011	6	upstream	3 feet	
sturgeon	3		7/12/2011	6	upstream	4 feet	
sturgeon	3		7/13/2011	10	upstream	3 feet	
sturgeon	3		7/13/2011	10	upstream	4 feet	
sturgeon	3		7/13/2011	15	upstream	3 feet	
sturgeon	3		7/14/2011	14	up and down	3 feet	
sturgeon	3		7/15/2011	10	upstream	5.5 feet	
sturgeon	3		7/16/2011	1	upstream	2 feet	
sturgeon	3		7/16/2011	1	upstream	4.5 feet	
sturgeon	3		7/16/2011	11	upstream	2 feet	
sturgeon	3		7/16/2011	12	upstream	5 feet	
sturgeon	3		7/17/2011	10	upstream	3.5 feet	
sturgeon	3		7/17/2011	16	upstream	3 feet	
sturgeon	3		7/18/2011	9	upstream		huge
sturgeon	3		7/19/2011	8	upstream	5 feet	
sturgeon	3		7/19/2011	8	upstream	4 feet	
sturgeon	3		7/19/2011	14	upstream	4 feet	
sturgeon	3		7/20/2011	3	upstream	5.5 feet	
sturgeon	3		7/20/2011	3	upstream	3 feet	
sturgeon	3		7/20/2011	16	upstream	4 feet	
sturgeon	3		7/20/2011	16	upstream	3 feet	
sturgeon	3		7/21/2011	8	upstream	3.5 feet	
sturgeon	3		7/21/2011	16	upstream	4 feet	

*cumulative sightings in each fishladder this year

Species	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3		7/21/2011	16	upstream	5 feet	
sturgeon	3		7/22/2011	8	upstream	3 feet	
sturgeon	3		7/23/2011	10	upstream	5 feet	
sturgeon	3		7/23/2011	15	upstream	4 feet	
sturgeon	3		7/25/2011	6	up and down	1 feet	
sturgeon	3		7/25/2011	6	up and down	2 feet	
sturgeon	3		7/25/2011	6	up and down	3 feet	
sturgeon	3		7/25/2011	7	upstream	5 feet	a fat one
sturgeon	3		7/25/2011	14	upstream	5 feet	
sturgeon	3		7/25/2011	16	upstream	3 feet	
sturgeon	3		7/25/2011	16	upstream	3 feet	
sturgeon	3		7/25/2011	16	upstream	3.5 feet	
sturgeon	3		7/25/2011	16	upstream	4 feet	
sturgeon	3		7/26/2011	12	upstream	3 feet	
sturgeon	3		7/26/2011	16	upstream	3 feet	
sturgeon	3		7/27/2011	16	upstream	4 feet	
sturgeon	3		7/27/2011	16	upstream	5 feet	
sturgeon	3		7/28/2011	5	upstream	2.5 feet	
sturgeon	3		7/28/2011	5	upstream	3.5 feet	
sturgeon	3		7/29/2011	15	upstream	6 feet	
sturgeon	3		7/29/2011	16	upstream	3 feet	
sturgeon	3		7/30/2011	2	upstream	3 feet	
sturgeon	3		7/30/2011	8	upstream	3 feet	
sturgeon	3		7/31/2011	3	upstream	6 feet	
sturgeon	3		7/31/2011	8	upstream	4 feet	
sturgeon	3		7/31/2011	13	upstream	3 feet	
sturgeon	3		7/31/2011	15	upstream	3 feet	
sturgeon	3		7/31/2011	16	upstream	4 feet	
sturgeon	3		8/1/2011	8	upstream	4 feet	
sturgeon	3		8/1/2011	9	upstream	2.5 feet	
sturgeon	3		8/1/2011	10	upstream	5 feet	
sturgeon	3		8/3/2011	1	upstream	2.5 feet	
sturgeon	3		8/3/2011	15	upstream	4 feet	
sturgeon	3		8/3/2011	16	upstream	3 feet	
sturgeon	3		8/4/2011	5	upstream	3 feet	
sturgeon	3		8/4/2011	15	upstream	4 feet	
sturgeon	3		8/8/2011		upstream	2 feet	
sturgeon	3		8/8/2011		upstream	4 feet	

*cumulative sightings in each fishladder this year

Species	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3		8/8/2011		upstream	3 feet	
sturgeon	3		8/8/2011		upstream	4 feet	
sturgeon	3		8/9/2011		upstream	3 feet	
sturgeon	3		8/9/2011		upstream	3 feet	
sturgeon	3		8/10/2011		upstream	3 feet	
sturgeon	3		8/10/2011		upstream	4 feet	
sturgeon	3		8/11/2011		upstream	3 feet	
sturgeon	3		8/11/2011		upstream	5 feet	
sturgeon	3		8/11/2011		upstream	4 feet	
sturgeon	3		8/11/2011		upstream	3 feet	
sturgeon	3		8/12/2011		upstream	6 feet	
sturgeon	3		8/13/2011		upstream	4 feet	
sturgeon	3		8/13/2011		upstream	5 feet	
sturgeon	3		8/13/2011		upstream	3 feet	
sturgeon	3		8/13/2011		upstream	4 feet	
sturgeon	3		8/16/2011	13	upstream	3 feet	
sturgeon	3		8/16/2011	13	upstream	2 feet	
sturgeon	3		8/18/2011	1	upstream	3.5 feet	
sturgeon	3		8/19/2011	16	upstream	3 feet	
sturgeon	3		8/22/2011	8	upstream	3 feet	
sturgeon	3		8/22/2011	8	upstream	5 feet	
sturgeon	3		8/22/2011	16	upstream	4 feet	
sturgeon	3		8/22/2011	16	upstream	4 feet	
sturgeon	3		8/22/2011	16	upstream	4 feet	
sturgeon	3		8/24/2011	13	upstream	2.5 feet	
sturgeon	3		8/25/2011	10	upstream	3 feet	
sturgeon	3		8/28/2011	3	upstream	2 feet	
sturgeon	3		8/28/2011	8	upstream	3 feet	
sturgeon	3		8/28/2011	13	upstream	3.5 feet	
sturgeon	3		8/29/2011	1	downstream	3 feet	
sturgeon	3		8/29/2011	1	upstream	3 feet	
sturgeon	3		8/30/2011	12	upstream	4 feet	
sturgeon	3		8/31/2011	16	upstream	4 feet	
sturgeon	3		9/1/2011	16	upstream	6 feet	
sturgeon	3		9/7/2011	16	upstream	3.5 feet	
sturgeon	3		9/9/2011	7	upstream	6 feet	
sturgeon	3		9/11/2011	8	upstream	1 foot	
sturgeon	3		9/11/2011	15	upstream	4 feet	

*cumulative sightings in each fishladder this year

Species	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3		9/12/2011	16	upstream	2 feet	
sturgeon	3		9/13/2011	16	upstream	4 feet	
sturgeon	3		9/15/2011	2	upstream	4 feet	
sturgeon	3		9/15/2011	4	upstream	5 feet	
sturgeon	3		9/15/2011	4	upstream	3 feet	
sturgeon	3		9/16/2011	4	upstream	4 feet	
sturgeon	3		9/22/2011	8	upstream	3 feet	
sturgeon	3		9/23/2011	8	upstream	6 feet	
sturgeon	3		9/24/2011	13	upstream	2.5 feet	
sturgeon	3		9/24/2011	15	downstream	5 feet	
sturgeon	3		9/26/2011	16	upstream	6 feet	
sturgeon	3		9/27/2011	16	upstream	5.5 feet	
sturgeon	3		9/28/2011	14	upstream	2.5 feet	
sturgeon	3		10/1/2011	9	upstream	2.5 feet	
sturgeon	3		10/4/2011	15	upstream	3 feet	
sturgeon	3		10/7/2011	15	upstream	2.5 feet	
sturgeon	3	143	10/19/2011	16	up and down	3 feet	
sturgeon	4		7/27/2011	15	upstream	3.5 feet	
sturgeon	4		8/9/2011	16	upstream	5 feet	
sturgeon	4		8/16/2011	16	upstream	3 feet	
sturgeon	4		8/16/2011	16	upstream	4 feet	
sturgeon	4		8/17/2011	1	upstream	3 feet	
sturgeon	4		8/23/2011	14	upstream	2.5 feet	
sturgeon	4		8/25/2011	16	upstream	4 feet	
sturgeon	4		8/26/2011	8	upstream	3 feet	
sturgeon	4		8/31/2011	8	upstream	3 feet	
sturgeon	4		8/31/2011	9	upstream	3 feet	
sturgeon	4		9/1/2011	12	upstream	6 feet	
sturgeon	4		9/3/2011	6	upstream	2.5 feet	
sturgeon	4		9/3/2011	16	upstream	4 feet	
sturgeon	4		9/7/2011	16	upstream	3 feet	
sturgeon	4		9/10/2011	5	upstream	6 feet	
sturgeon	4		9/11/2011	8	upstream	3 feet	
sturgeon	4		9/17/2011	1	upstream	4 feet	
sturgeon	4		9/30/2011	3	upstream	5 feet	
sturgeon	4		10/3/2011	3	upstream	6 feet	
sturgeon	4		10/8/2011	16	upstream	5 feet	
sturgeon	4		10/9/2011	10	upstream	6 feet	

*cumulative sightings in each fishladder this year

Species	Ladder	Cum.*	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4		10/9/2011	10	upstream	2 feet	
sturgeon	4		10/10/2011	11	upstream	3 feet	
sturgeon	4		10/13/2011	15	upstream	5 feet	
sturgeon	4		10/15/2011	1	downstream	4 feet	
sturgeon	4	26	10/26/2011	2	upstream	6 feet	
sturgeon	5	1	7/26/2011	15	downstream	3.5 feet	
sturgeon	6		8/26/2011	8	upstream	4 feet	
sturgeon	6		9/12/2011	1	upstream	2.5 feet	
sturgeon	6		10/11/2011	1	upstream	2.5 feet	
sturgeon	6	4	10/18/2011	4	upstream	3 feet	
sturgeon	9	1	10/18/2011	7	upstream	5.5 feet	

*cumulative sightings in each fishladder this year

2010 Fish Counting Hours

Bonneville: 16 hours a day 1/1-12/31.

The Dalles, John Day, McNary, Ice Harbor, Lower Monumental, and Little Goose: 16 hours each day 4/1-10/31.

Lower Granite: 10 hours each day 3/1-3/31, 16 hours each day 4/1-10/31, 10 hours each day 11/1-12/31.

The fish counters take a 10 minute break from counting each hour from 4/1 through 10/31.

The fish counters count by video before 4/1 and after 10/31 (at Bonneville and Lower Granite).

Sightings in black are from electronic notes only.

Sightings in red are from hand written notes only.

Sightings in blue are from both hand written and electronic notes.

*cumulative sightings in each fishladder this year

Species Cum.* Ladder Date Hour Swimming Direction Length Comments

Bull trout were counted electronically and were also hand written down on paper.

For Bull trout only: sightings in black were in electronic notes only.

For Bull trout only: sightings in red were in hand written notes only.

For Bull trout only: sightings in blue were in both hand written and electronic notes.

Bull trout	1	6	7/3/2010	10	upstream	12 inches	good condition
Bull trout		12	4/4/2010	13		13 inches	wild, good condition
Bull trout		12	4/14/2010	7		15 inches	clipped, perfect condition
Bull trout		12	4/14/2010	7		15 inches	wild, good condition
Bull trout		12	4/19/2010	9		10 inches	good condition
Bull trout		12	4/19/2010	16		10 inches	good condition
Bull trout		12	4/21/2010	14		9 inches	unclipped, perfect condition
Bull trout		12	4/30/2010	7		15 inches	wild, perfect condition
Bull trout		?	5/25/2010	3		13 inches	unclipped, small, [Note: could have been seen in ladder 11 or 12].
Bull trout		?	5/26/2010	3		14 inches	unclipped, good condition [Note: could have been seen in ladder 11 or 12].
Bull trout		?	5/31/2010	16		15 inches	wild, pretty orange dots, [Note: could have been seen in ladder 11 or 12].
Bull trout		12	6/10/2010	16		13 inches	unclipped
Bull trout		?	6/10/2010	16		14 inches	wild, great condition [Note: could have been seen in ladder 11 or 12].
Bull trout		12	6/17/2010	4		13 inches	unclipped, good condition
Bull trout		12	6/24/2010	8		12 inches	unclipped, good condition
Bull trout		12	6/26/2010	3		20 inches	unclipped, small headburn
Bull trout	16	12	8/4/2010	10		14 inches	unclipped
Bull trout		13	4/2/2010	9	upstream	15 inches	unclipped, good condition
Bull trout		13	4/17/2010	13	upstream	14 inches	unclipped, good condition
Bull trout		13	4/24/2010	6		15 inches	unclipped, perfect condition
Bull trout		13	4/24/2010	9		15 inches	unclipped, good condition

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
Bull trout	13	4/25/2010	9		9 inches	unclipped, good condition
Bull trout	13	4/26/2010	5	upstream	15 inches	unclipped
Bull trout	13	4/30/2010	12	upstream	15 inches	unclipped, good condition
Bull trout	13	5/1/2010	2		15 inches	unclipped, good condition
Bull trout	13	5/4/2010	5	upstream	14 inches	[good condition]
Bull trout	13	5/7/2010	16	upstream	13 inches	[unclipped], good condition
Bull trout	13	5/12/2010	13	upstream	12 inches	unclipped, good condition
Bull trout	13	5/20/2010	15	upstream	15 inches	[unclipped, good condition]
Bull trout	13	5/21/2010	12	upstream	12 inches	fair condition, missing lower caudal
Bull trout	13	5/22/2010	7		12 inches	unclipped and good condition
Bull trout	13	5/28/2010	6	upstream	12 inches	[unclipped], good condition
Bull trout	13	5/29/2010	7		15 inches	unclipped, good condition
Bull trout	13	5/29/2010	10	upstream	15 inches	unclipped, [good condition]
Bull trout	13	5/30/2010	3	upstream	13 inches	good condition
Bull trout	13	5/30/2010	10	upstream	[14 inches]	unclipped, good condition
Bull trout	13	5/31/2010	12	upstream	8 inches	unclipped, [good condition]
Bull trout	13	6/3/2010	4	upstream	11 inches	[unclipped], good condition
Bull trout	13	6/3/2010	6	upstream	14 inches	[unclipped], good condition
Bull trout	13	6/4/2010	4	upstream	14 inches	unclipped, [good condition]
Bull trout	13	6/4/2010	7	upstream	16 inches	unclipped, [good condition, very fat]
Bull trout	13	6/5/2010	11		12 inches	unclipped, good condition
Bull trout	13	6/16/2010	12	down and up	14 inches	unclipped
Bull trout	13	6/17/2010	11	upstream	14 inches	unclipped, good condition
Bull trout	13	6/17/2010	12	upstream	9 inches	unclipped, good condition
Bull trout	13	6/17/2010	12	down and up	14 inches	unclipped, good condition
Bull trout	13	6/17/2010	15	upstream	14 inches	unclipped, good condition
Bull trout	13	6/18/2010	11	upstream	12 inches	unclipped, good condition
Bull trout	13	6/19/2010	10	upstream	12 inches	unclipped, good condition
Bull trout	13	6/19/2010	11	downstream	12 inches	unclipped, good condition
Bull trout	13	6/20/2010	4		13 inches	unclipped, good condition
Bull trout	13	6/23/2010	12	upstream	12 inches	unclipped, good condition
Bull trout	13	6/24/2010	4	downstream	12 inches	unclipped, good condition
Bull trout	13	6/24/2010	11	upstream	12 inches	unclipped, good condition
Bull trout	13	6/27/2010	10	upstream	12 inches	unclipped, good condition
Bull trout	13	6/28/2010	8	upstream	12 inches	
Bull trout	13	6/28/2010	8	upstream	14 inches	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
Bull trout	13	6/28/2010	8	upstream	8 inches	
Bull trout	13	6/28/2010	10	upstream	9 inches	good condition
Bull trout	13	6/28/2010	11	upstream	9 inches	good condition
Bull trout	13	6/28/2010	16	upstream	12 inches	good condition
Bull trout	13	6/29/2010	5	upstream	15 inches	unclipped
Bull trout	13	6/29/2010	8	upstream	18 inches	
Bull trout	13	6/29/2010	14	upstream	12 inches	good condition
Bull trout	13	6/30/2010	4	upstream	15 inches	
Bull trout	13	6/30/2010	5	upstream	18 inches	
Bull trout	13	6/30/2010	6	upstream	12 inches	
Bull trout	13	6/30/2010	6	upstream	12 inches	
Bull trout	13	6/30/2010	16		18 inches	unclipped, good condition
Bull trout	13	7/1/2010	1		13 inches	
Bull trout	13	7/1/2010	1		15 inches	
Bull trout	13	7/1/2010	4		12 inches	unclipped, good condition
Bull trout	13	7/2/2010	13		12 inches	unclipped
Bull trout	13	7/3/2010	7		18 inches	unclipped, good condition
Bull trout	13	7/5/2010	14		12 inches	good condition
Bull trout	13	7/6/2010	14	upstream	18 inches	
Bull trout	13	7/7/2010	8	upstream	9 inches	unclipped, good condition
Bull trout	13	7/7/2010	12	upstream	12 inches	unclipped, good condition
Bull trout	13	7/8/2010	3		12 inches	
Bull trout	13	7/9/2010	2		18 inches	unclipped, small wound in operculum
Bull trout	13	7/10/2010	3		17 inches	good condition
Bull trout	13	7/11/2010	7		12 inches	good condition
Bull trout	13	7/12/2010	4		11 inches	unclipped, good condition
Bull trout	13	7/13/2010	1		19 inches	unclipped, good condition
Bull trout	13	7/13/2010	1		17 inches	unclipped, good condition
Bull trout	13	7/13/2010	7		14 inches	unclipped, good condition
Bull trout	13	7/14/2010	6		12 inches	unclipped, good condition
Bull trout	13	7/15/2010	1		12 inches	good condition
Bull trout	13	7/15/2010	7		12 inches	good condition
Bull trout	73	7/30/2010	11	upstream	12 inches	
Bull trout	14	5/25/2010	12	upstream	12 inches	good condition
Bull trout	14	5/31/2010	15	upstream	16 inches	[very] good condition
Bull trout	14	6/25/2010	7	upstream	12 inches	good condition

Species	Cum.	Ladder	Date	Hour	Swimming Direction	Length	Comments
Bull trout		14	7/3/2010	3	upstream	17 inches	unclipped, good condition
Bull trout		14	7/9/2010	6	upstream	11 inches	
Bull trout		14	7/20/2010	14	upstream	17 inches	
Bull trout		14	7/22/2010	4	upstream		
Bull trout	8	14	7/24/2010	14	upstream	12 inches	

Bull trout were counted electronically and were also hand written down on paper.

For Bull trout only: sightings in black were in electronic notes only.

For Bull trout only: sightings in red were in hand written notes only.

For Bull trout only: sightings in blue were in both hand written and electronic notes.

Grass carp	1	3	6/20/2010	9	upstream		
oral tumors		1	6/11/2010	16	upstream		unclipped adult chinook
oral tumors	2	1	6/21/2010	8	upstream		adult chinook
oral tumors		2	6/5/2010	13	upstream		adult chinook
oral tumors		2	6/23/2010	16	upstream		unclipped adult chinook
oral tumors	3	2	6/26/2010	16	upstream		unclipped adult chinook
oral tumors		13	5/26/2010	3	upstream		adult chinook
oral tumors	2	13	6/16/2010	8	upstream		jack chinook
sturgeon		1	6/4/2010	7	downstream	4 feet	
sturgeon		1	7/12/2010	10	upstream	5 feet	
sturgeon		1	7/23/2010	5	upstream	2.5 feet	
sturgeon		1	7/25/2010	9	downstream	3 feet	
sturgeon		1	8/10/2010	16	upstream		
sturgeon		1	8/15/2010	8	upstream	3 feet	
sturgeon		1	8/26/2010	16	upstream	3 feet	
sturgeon		1	8/28/2010	12	upstream	4 feet	
sturgeon		1	8/28/2010	16	downstream	3 feet	
sturgeon		1	9/1/2010	4	downstream	2.5 feet	
sturgeon		1	9/2/2010	13	upstream	3 feet	
sturgeon		1	9/3/2010	5	upstream	3.5 feet	
sturgeon		1	9/3/2010	8	upstream	2 feet	
sturgeon		1	9/3/2010	16	upstream	3.5 feet	
sturgeon		1	9/4/2010	5	upstream	2 feet	
sturgeon		1	9/6/2010	2	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1	9/8/2010	2	downstream	4 feet	
sturgeon	1	9/8/2010	5	upstream	2.5 feet	
sturgeon	1	9/8/2010	8	upstream	4 feet	
sturgeon	1	9/9/2010	1	upstream	2.5 feet	
sturgeon	1	9/9/2010	1	downstream	2.5 feet	
sturgeon	1	9/9/2010	2	upstream		
sturgeon	1	9/9/2010	3	upstream	2.5 feet	
sturgeon	1	9/9/2010	4	upstream	4 feet	
sturgeon	1	9/9/2010	5	upstream	3 feet	
sturgeon	1	9/9/2010	8	downstream	3 feet	
sturgeon	1	9/10/2010	15	upstream	3 feet	
sturgeon	1	9/10/2010	16	downstream	4 feet	
sturgeon	1	9/10/2010	16	downstream	3 feet	
sturgeon	1	9/11/2010	15	downstream	3 feet	
sturgeon	1	9/12/2010	10	upstream	2 feet	
sturgeon	1	9/12/2010	15	upstream	3 feet	
sturgeon	1	9/12/2010	16	downstream	3 feet	
sturgeon	1	9/12/2010	16	downstream	3 feet	
sturgeon	1	9/13/2010	9	upstream	3 feet	
sturgeon	1	9/13/2010	9	upstream	4 feet	
sturgeon	1	9/13/2010	13	upstream	4 feet	
sturgeon	1	9/13/2010	13	upstream	3 feet	
sturgeon	1	9/13/2010	14	upstream	3 feet	
sturgeon	1	9/13/2010	16	upstream	3 feet	
sturgeon	1	9/13/2010	16	downstream	2 feet	
sturgeon	1	9/13/2010	16	downstream	2 feet	
sturgeon	1	9/13/2010	16	upstream	4 feet	
sturgeon	1	9/14/2010	13	upstream	4 feet	
sturgeon	1	9/14/2010	13	upstream	3.5 feet	
sturgeon	1	9/14/2010	15	upstream	2 feet	
sturgeon	1	9/15/2010	10	downstream	3 feet	
sturgeon	1	9/16/2010	15	upstream	3.5 feet	
sturgeon	1	9/16/2010	16	downstream	2.5 feet	
sturgeon	1	9/17/2010	1	downstream	3 feet	
sturgeon	1	9/17/2010	3	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1	9/17/2010	9	downstream	3 feet	
sturgeon	1	9/18/2010	7	upstream	2.5 feet	
sturgeon	1	9/18/2010	9	upstream	2.5 feet	
sturgeon	1	9/18/2010	16	upstream	4 feet	
sturgeon	1	9/19/2010	1	upstream	3 feet	
sturgeon	1	9/19/2010	2	upstream	2.5 feet	
sturgeon	1	9/19/2010	8	upstream	2.5 feet	
sturgeon	1	9/20/2010	2	upstream	3 feet	
sturgeon	1	9/20/2010	6	upstream	3 feet	
sturgeon	1	9/20/2010	6	upstream	2.5 feet	
sturgeon	1	9/20/2010	8	upstream	3.5 feet	
sturgeon	1	9/20/2010	8	upstream	3.5 feet	
sturgeon	1	9/20/2010	13	upstream	2 feet	
sturgeon	1	9/20/2010	13	upstream	3 feet	
sturgeon	1	9/20/2010	14	upstream	2 feet	
sturgeon	1	9/20/2010	16	upstream	2 feet	
sturgeon	1	9/21/2010	2	upstream	2.5 feet	
sturgeon	1	9/22/2010	2	upstream	3.5 feet	
sturgeon	1	9/22/2010	4	downstream	2.5 feet	
sturgeon	1	9/22/2010	6	upstream	2.5 feet	
sturgeon	1	9/22/2010	8	upstream	2.5 feet	
sturgeon	1	9/23/2010	3	downstream	2.5 feet	
sturgeon	1	9/23/2010	6	upstream	3 feet	
sturgeon	1	9/24/2010	2	upstream	3 feet	
sturgeon	1	9/24/2010	2	upstream	3 feet	
sturgeon	1	9/26/2010	1	upstream	3 feet	
sturgeon	1	9/28/2010	1	upstream	3 feet	
sturgeon	1	9/28/2010	1	upstream	2 feet	
sturgeon	1	9/28/2010	8	upstream	3 feet	
sturgeon	1	9/29/2010	1	upstream	3 feet	
sturgeon	1	9/29/2010	1	upstream	3.5 feet	
sturgeon	1	9/30/2010	1	downstream	2 feet	
sturgeon	1	9/30/2010	6	upstream	3 feet	
sturgeon	1	9/30/2010	6	upstream	3.5 feet	
sturgeon	1	10/5/2010	11	upstream	2.5 feet	
sturgeon	1	10/5/2010	11	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1	10/6/2010	9	upstream	3 feet	
sturgeon	1	10/6/2010	15	downstream	2.5 feet	
sturgeon	1	10/6/2010	16	downstream	3 feet	
sturgeon	1	10/7/2010	9	upstream	2.5 feet	
sturgeon	1	10/7/2010	14	upstream	2.5 feet	
sturgeon	1	10/8/2010	6	downstream	3 feet	
sturgeon	1	10/8/2010	6	upstream	3.5 feet	
sturgeon	1	10/8/2010	8	upstream	3 feet	
sturgeon	1	10/8/2010	8	upstream	2.5 feet	
sturgeon	1	10/8/2010	8	upstream	3.5 feet	
sturgeon	1	10/8/2010	13	upstream	2 feet	
sturgeon	1	10/8/2010	13	upstream	2.5 feet	
sturgeon	1	10/8/2010	14	upstream	2.5 feet	
sturgeon	1	10/8/2010	14	upstream	2 feet	
sturgeon	1	10/9/2010	13	upstream	2.5 feet	
sturgeon	1	10/9/2010	13	upstream	2.5 feet	
sturgeon	1	10/11/2010	9	upstream	3 feet	
sturgeon	1	10/15/2010	5	upstream	4 feet	
sturgeon	1	10/15/2010	5	upstream	3 feet	
sturgeon	1	10/15/2010	7	downstream	4 feet	
sturgeon	1	10/15/2010	7	upstream	3 feet	
sturgeon	1	10/16/2010	2	downstream	3.5 feet	
sturgeon	1	10/17/2010	2	upstream	3 feet	
sturgeon	1	10/19/2010	12	downstream	4 feet	
sturgeon	1	10/19/2010	15	downstream	3 feet	
sturgeon	1	10/20/2010	1	upstream	2 feet	
sturgeon	1	10/29/2010	16	downstream	4.5 feet	
sturgeon	1	10/31/2010	2	downstream	4.5 feet	
sturgeon	1	11/2/2010	3	upstream	3 feet	
sturgeon	1	11/2/2010	4	upstream	4.5 feet	
sturgeon	1	11/2/2010	5	downstream	4.5 feet	same one
sturgeon	1	11/2/2010	6	up and down	4.5 feet	same one
sturgeon	1	11/2/2010	9	upstream	3.5 feet	
sturgeon	1	11/2/2010	15	downstream	2.5 feet	
sturgeon	1	11/2/2010	16	upstream	3.5 feet	same one
sturgeon	1	11/3/2010	1	upstream	4 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1	11/3/2010	2	down and up	4 feet	same one
sturgeon	1	11/3/2010	3	upstream	3.5 feet	same one
sturgeon	1	11/3/2010	9	upstream	2.5 feet	
sturgeon	1	11/3/2010	14	down and up	3 feet	same one
sturgeon	1	11/3/2010	15	downstream	2.5 feet	
sturgeon	1	11/3/2010	15	downstream	3 feet	
sturgeon	1	11/3/2010	15	upstream	3.5 feet	
sturgeon	1	11/4/2010	6	upstream	3 feet	
sturgeon	1	11/5/2010	15	upstream	3.5 feet	
sturgeon	1	11/6/2010	3	upstream	3.5 feet	same one
sturgeon	1	11/6/2010	4	downstream	3.5 feet	same one
sturgeon	1	11/6/2010	7	upstream	3.5 feet	same one
sturgeon	1	11/6/2010	15	downstream	3 feet	
sturgeon	1	11/7/2010	4	upstream	4.5 feet	
sturgeon	1	11/7/2010	15	upstream	3.5 feet	
sturgeon	1	11/7/2010	15	upstream	3 feet	
sturgeon	1	11/13/2010	1	upstream	3.5 feet	
sturgeon	1	11/13/2010	2	downstream	3.5 feet	
sturgeon	1	11/13/2010	5	upstream	3 feet	
sturgeon	1	11/14/2010	8	downstream	3.5 feet	
sturgeon	1	11/14/2010	10	upstream	3.5 feet	same one
sturgeon	1	11/29/2010	3	downstream	3.5 feet	
sturgeon	1	12/6/2010	4	down and up	3 feet	
sturgeon	1	12/12/2010	3	downstream	3.5 feet	
sturgeon	149	12/14/2010	15	down and up	3.5 feet	
sturgeon	2	1/2/2010	15	upstream	3.5 feet	
sturgeon	2	1/4/2010	3	down and up	3.5 feet	same sturgeon
sturgeon	2	1/4/2010	3	down and up	5 feet	
sturgeon	2	1/4/2010	16	downstream	4.5 feet	same sturgeon
sturgeon	2	1/6/2010	16	down and up	3.5 feet	
sturgeon	2	1/8/2010	16	down and up	3.5 feet	
sturgeon	2	1/10/2010	6	down and up	3.5 feet	
sturgeon	2	1/10/2010	12	down and up	3.5 feet	
sturgeon	2	1/21/2010	15	down and up	4 feet	
sturgeon	2	1/21/2010	16	upstream	3 feet	
sturgeon	2	1/23/2010	2	upstream	3.5 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	2	2/7/2010	4	upstream	3.5 feet	
sturgeon	2	2/17/2010	3	down and up	3.5 feet	
sturgeon	2	3/25/2010	3	down and up	3 feet	
sturgeon	2	4/23/2010	1	upstream	3.5 feet	
sturgeon	2	4/25/2010	1	upstream	4.5 feet	
sturgeon	2	4/25/2010	8	downstream	4.5 feet	
sturgeon	2	4/25/2010	10	upstream	4.5 feet	
sturgeon	2	4/25/2010	15	downstream	4.5 feet	same one
sturgeon	2	4/26/2010	14	downstream	3.5 feet	
sturgeon	2	4/27/2010	1	upstream	3.5 feet	
sturgeon	2	5/13/2010	9	upstream	4 feet	
sturgeon	2	6/11/2010	7	upstream	6 feet	
sturgeon	2	7/23/2010	4	upstream	3.5 feet	
sturgeon	2	7/23/2010	4	upstream	2.5 feet	
sturgeon	2	7/26/2010	13	upstream	3.5 feet	
sturgeon	2	7/31/2010	15	upstream	4 feet	
sturgeon	2	8/19/2010	3	downstream	3.5 feet	
sturgeon	2	9/22/2010	10	upstream	3 feet	
sturgeon	2	9/30/2010	16	upstream	3 feet	
sturgeon	2	10/7/2010	16	downstream	3.5 feet	
sturgeon	2	10/8/2010	6	upstream	3.5 feet	
sturgeon	2	10/8/2010	9	downstream	2.5 feet	
sturgeon	2	10/10/2010	14	upstream	3 feet	
sturgeon	2	10/11/2010	8	upstream	4 feet	
sturgeon	2	10/11/2010	15	upstream	3 feet	
sturgeon	2	10/11/2010	16	downstream	4 feet	
sturgeon	2	10/11/2010	16	upstream	4 feet	
sturgeon	2	10/15/2010	4	upstream	3 feet	
sturgeon	2	10/15/2010	4	upstream	4 feet	
sturgeon	2	10/17/2010	1	upstream	5 feet	
sturgeon	2	10/20/2010	13	upstream	4 feet	
sturgeon	2	10/24/2010	11	upstream	5.5 feet	
sturgeon	2	10/31/2010	14	downstream	4 feet	
sturgeon	2	11/2/2010	2	down and up	3.5 feet	
sturgeon	2	11/2/2010	3	downstream	3.5 feet	same one
sturgeon	2	11/2/2010	8	upstream	3.5 feet	same one

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	2	11/8/2010	9	upstream	5 feet	
sturgeon	2	11/12/2010	1	upstream	4 feet	
sturgeon	2	11/14/2010	14	downstream	2.5 feet	
sturgeon	2	11/23/2010	7	upstream	4 feet	
sturgeon	2	11/26/2010	15	down and up	3 feet	
sturgeon	2	11/30/2010	6	downstream	4 feet	
sturgeon	2	12/1/2010	7	downstream	4 feet	
sturgeon	56	2	7	downstream	3.5 feet	
sturgeon	3	5/22/2010	12	upstream	5 feet	
sturgeon	3	5/27/2010	11	upstream	6 feet	
sturgeon	3	6/7/2010	13	upstream	3 feet	
sturgeon	3	6/10/2010	12	upstream	8 feet	
sturgeon	3	6/11/2010	10	upstream	5 feet	
sturgeon	3	6/13/2010	13	upstream	2.5 feet	
Sturgeon	3	6/14/2010	14	upstream	5.5 feet	
Sturgeon	3	6/16/2010	4	upstream	5.5 feet	
sturgeon	3	6/22/2010	16	upstream	3.5 feet	
sturgeon	3	6/25/2010	5	upstream	4 feet	
sturgeon	3	6/25/2010	6	upstream	3 feet	
sturgeon	3	6/26/2010	1	upstream	4 feet	
sturgeon	3	6/26/2010	7	upstream	4 feet	
sturgeon	3	6/26/2010	11	upstream	4.5 feet	
sturgeon	3	6/26/2010	12	downstream		back
sturgeon	3	6/26/2010	14	upstream	3 feet	
sturgeon	3	6/26/2010	16	upstream	8 feet	
sturgeon	3	6/27/2010	4	upstream	6 feet	
sturgeon	3	6/28/2010	8	upstream	4 feet	
sturgeon	3	6/28/2010	8	upstream	5 feet	
sturgeon	3	6/28/2010	15	upstream	3 feet	
sturgeon	3	6/29/2010	5	upstream	6 feet	
sturgeon	3	6/30/2010	15	upstream	6 feet	
sturgeon	3	6/30/2010	16	upstream	3 feet	
sturgeon	3	7/3/2010	6	upstream	3 feet	
sturgeon	3	7/4/2010	14	upstream	2.5 feet	
sturgeon	3	7/4/2010	15	upstream	4 feet	
sturgeon	3	7/4/2010	15	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3	7/5/2010	16	upstream	3 feet	
sturgeon	3	7/5/2010	16	upstream	3 feet	
sturgeon	3	7/6/2010	16	upstream	4 feet	
sturgeon	3	7/7/2010	2	downstream	3 feet	
sturgeon	3	7/7/2010	16	upstream	5 feet	
sturgeon	3	7/8/2010	6	upstream	4 feet	
sturgeon	3	7/8/2010	12	downstream	4 feet	
sturgeon	3	7/8/2010	15	upstream	4 feet	
sturgeon	3	7/10/2010	5	upstream	3 feet	
sturgeon	3	7/10/2010	13	upstream	7 feet	
sturgeon	3	7/10/2010	14	upstream	4 feet	
sturgeon	3	7/11/2010	2	upstream	4 feet	
sturgeon	3	7/11/2010	16	downstream	3 feet	floating down backwards dead and partially decomposed
sturgeon	3	7/12/2010	7	upstream	4 feet	
sturgeon	3	7/12/2010	13	upstream	3 feet	
sturgeon	3	7/12/2010	14	upstream	4 feet	
sturgeon	3	7/13/2010	2	upstream	4 feet	
sturgeon	3	7/13/2010	6	upstream	3 feet	
sturgeon	3	7/13/2010	10	upstream	3 feet	
sturgeon	3	7/13/2010	14	upstream	4 feet	
sturgeon	3	7/13/2010	14	upstream	3 feet	
sturgeon	3	7/14/2010	2	upstream	5 feet	
sturgeon	3	7/15/2010	4	upstream	4 feet	
sturgeon	3	7/15/2010	5	upstream	3 feet	
sturgeon	3	7/15/2010	6	upstream	3 feet	
sturgeon	3	7/16/2010	16	upstream	3 feet	
sturgeon	3	7/16/2010	16	upstream	4 feet	
sturgeon	3	7/17/2010	8	upstream	6 feet	
sturgeon	3	7/17/2010	16	upstream	3 feet	
sturgeon	3	7/18/2010	6	upstream	7 feet	
sturgeon	3	7/18/2010	10	upstream	8 feet	
sturgeon	3	7/18/2010	12	upstream	3 feet	
sturgeon	3	7/18/2010	16	upstream	3 feet	
sturgeon	3	7/19/2010	3	down and up	3 feet	
sturgeon	3	7/19/2010	15	upstream	6 feet	
sturgeon	3	7/19/2010	16	upstream	7 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3	7/20/2010	12	upstream	5 feet	
sturgeon	3	7/20/2010	12	upstream	3 feet	
sturgeon	3	7/20/2010	14	upstream	2 feet	
sturgeon	3	7/20/2010	14	upstream	3 feet	
sturgeon	3	7/20/2010	16	upstream	6 feet	
sturgeon	3	7/21/2010	10	upstream	4 feet	
sturgeon	3	7/21/2010	13	upstream	3 feet	
sturgeon	3	7/22/2010	9	upstream	3 feet	
sturgeon	3	7/22/2010	13	upstream	3 feet	
sturgeon	3	7/23/2010	10	upstream	3.5 feet	
sturgeon	3	7/23/2010	10	upstream	7.5 feet	
sturgeon	3	7/23/2010	12	upstream	3.5 feet	
sturgeon	3	7/23/2010	13	upstream	4 feet	
sturgeon	3	7/24/2010	8	upstream	3 feet	
sturgeon	3	7/24/2010	10	upstream	3 feet	
sturgeon	3	7/24/2010	14	upstream	4 feet	
sturgeon	3	7/24/2010	16	upstream	2 feet	
sturgeon	3	7/25/2010	2	upstream	5 feet	
sturgeon	3	7/25/2010	3	upstream	4 feet	
sturgeon	3	7/25/2010	11	upstream	2.5 feet	
sturgeon	3	7/25/2010	13	upstream	4 feet	
sturgeon	3	7/26/2010	1	upstream	3.5 feet	
sturgeon	3	7/26/2010	2	upstream	4 feet	
sturgeon	3	7/27/2010	1	upstream	3 feet	
sturgeon	3	7/28/2010	14	upstream	3 feet	
sturgeon	3	7/29/2010	2	upstream	4 feet	
sturgeon	3	7/29/2010	6	upstream	2 feet	
sturgeon	3	7/29/2010	6	upstream	6 feet	
sturgeon	3	7/29/2010	10	upstream	4 feet	
sturgeon	3	7/29/2010	16	upstream	3 feet	
sturgeon	3	7/30/2010	1	upstream	5 feet	
sturgeon	3	7/30/2010	6	upstream	5 feet	
sturgeon	3	7/30/2010	16	upstream	4 feet	
sturgeon	3	7/31/2010	1	upstream	3 feet	
sturgeon	3	7/31/2010	9	upstream	4 feet	
sturgeon	3	7/31/2010	14	upstream	4 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3	7/31/2010	15	upstream	4 feet	
sturgeon	3	8/1/2010	11	upstream	3 feet	
sturgeon	3	8/1/2010	15	upstream	3 feet	
sturgeon	3	8/2/2010	14	upstream	3 feet	
sturgeon	3	8/3/2010	3	upstream	3.5 feet	
sturgeon	3	8/3/2010	3	upstream	7 feet	
sturgeon	3	8/3/2010	9	upstream	3.5 feet	
sturgeon	3	8/3/2010	13	upstream	3 feet	
sturgeon	3	8/3/2010	16	upstream	2.5 feet	
sturgeon	3	8/4/2010	10	upstream	3.5 feet	
sturgeon	3	8/4/2010	12	upstream	4 feet	
sturgeon	3	8/4/2010	16	upstream	3 feet	
sturgeon	3	8/4/2010	16	upstream	3.5 feet	
sturgeon	3	8/5/2010	12	upstream	3 feet	
sturgeon	3	8/6/2010	1	upstream	4 feet	
sturgeon	3	8/6/2010	2	upstream	9 feet	
sturgeon	3	8/6/2010	16	upstream	3 feet	
sturgeon	3	8/7/2010	4	upstream	3 feet	
sturgeon	3	8/8/2010	4	upstream	5 feet	
sturgeon	3	8/8/2010	12	upstream	6 feet	
sturgeon	3	8/9/2010	4	upstream	2 feet	
sturgeon	3	8/9/2010	4	upstream	7 feet	
sturgeon	3	8/9/2010	15	upstream	3 feet	
sturgeon	3	8/9/2010	16	upstream	3 feet	
sturgeon	3	8/10/2010	4	upstream	4 feet	
sturgeon	3	8/13/2010	9	upstream	3.5 feet	
sturgeon	3	8/14/2010	11	upstream	3 feet	
sturgeon	3	8/15/2010	8	upstream	3.5 feet	
sturgeon	3	8/16/2010	12	upstream	3 feet	
sturgeon	3	8/17/2010	6	upstream	3.5 feet	
sturgeon	3	8/17/2010	7	upstream	2 feet	
sturgeon	3	8/18/2010	2	upstream	2.5 feet	
sturgeon	3	8/18/2010	8	upstream	5 feet	
sturgeon	3	8/19/2010	6	upstream	3.5 feet	
sturgeon	3	8/19/2010	15	upstream	3 feet	
sturgeon	3	8/21/2010	6	upstream	4 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3	8/24/2010	2	upstream	3 feet	
sturgeon	3	8/24/2010	9	upstream	2 feet	
sturgeon	3	8/24/2010	15	upstream	3 feet	
sturgeon	3	8/24/2010	16	downstream	2 feet	
sturgeon	3	8/24/2010	16	upstream	3 feet	
sturgeon	3	8/24/2010	16	upstream	4 feet	
sturgeon	3	8/25/2010	3	upstream	2 feet	
sturgeon	3	8/29/2010	1	upstream	3 feet	
sturgeon	3	8/30/2010	16	upstream	2 feet	
sturgeon	3	9/2/2010	8	upstream	3 feet	
sturgeon	3	9/2/2010	12	upstream	4 feet	
sturgeon	3	9/3/2010	15	upstream	7.5 feet	
sturgeon	3	9/4/2010	5	upstream	4 feet	
sturgeon	3	9/6/2010	1	upstream	4 feet	
sturgeon	3	9/6/2010	1	upstream	3 feet	
sturgeon	3	9/7/2010	16	downstream	3 feet	
sturgeon	3	9/8/2010	12	upstream	3 feet	
sturgeon	3	9/11/2010	14	upstream	5 feet	
sturgeon	3	9/15/2010	13	upstream	3.5 feet	
sturgeon	3	9/15/2010	15	upstream	3 feet	
sturgeon	3	9/16/2010	13	upstream	5 feet	
sturgeon	3	9/16/2010	13	upstream	3 feet	
sturgeon	3	9/18/2010	15	upstream	2 feet	
sturgeon	3	9/19/2010	16	upstream	3 feet	
sturgeon	3	9/20/2010	13	upstream	3 feet	
sturgeon	3	9/21/2010	16	upstream	1 foot	
sturgeon	3	10/5/2010	16	upstream	3 feet	
sturgeon	3	10/6/2010	12	upstream	4 feet	
sturgeon	3	10/7/2010	15	upstream	3 feet	
sturgeon	3	10/7/2010	16	upstream	3.2 feet	
sturgeon	3	10/22/2010	16	downstream	5 feet	
sturgeon	3	10/23/2010	1	upstream	5 feet	
sturgeon	170	3	10/26/2010	14	downstream	5 feet
sturgeon	4	6/21/2010	15	upstream	4 feet	
sturgeon	4	7/11/2010	9	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	7/20/2010	2	upstream	4 feet	
sturgeon	4	7/21/2010	13	upstream	5 feet	
sturgeon	4	7/22/2010	5	upstream	4 feet	
sturgeon	4	7/22/2010	8	upstream	4 feet	
sturgeon	4	7/23/2010	6	upstream	3 feet	
sturgeon	4	7/24/2010	1	upstream	3 feet	
sturgeon	4	7/24/2010	4	upstream	4 feet	
sturgeon	4	7/24/2010	7	upstream	4 feet	
sturgeon	4	7/24/2010	7	upstream	4 feet	
sturgeon	4	7/24/2010	12	downstream	4 feet	
sturgeon	4	7/26/2010	15	upstream	3.5 feet	
sturgeon	4	7/27/2010	6	upstream	4.5 feet	
sturgeon	4	7/28/2010	11	upstream	4 feet	
sturgeon	4	7/28/2010	15	upstream	4 feet	
sturgeon	4	7/29/2010	15	upstream	4 feet	
sturgeon	4	7/29/2010	16	upstream	3 feet	
sturgeon	4	7/30/2010	2	upstream	3 feet	
sturgeon	4	7/30/2010	6	upstream	5 feet	
sturgeon	4	7/31/2010	7	upstream	3 feet	
sturgeon	4	8/1/2010	4	upstream	3 feet	
sturgeon	4	8/3/2010	1	upstream	5 feet	
sturgeon	4	8/3/2010	1	upstream	4 feet	
sturgeon	4	8/3/2010	3	upstream	6 feet	
sturgeon	4	8/3/2010	9	upstream	3 feet	
sturgeon	4	8/3/2010	10	upstream	2.5 feet	
sturgeon	4	8/4/2010	5	upstream	3 feet	
sturgeon	4	8/4/2010	5	downstream	3 feet	
sturgeon	4	8/4/2010	6	upstream	3 feet	
sturgeon	4	8/4/2010	15	upstream	3 feet	
sturgeon	4	8/5/2010	1	upstream	8 feet	
sturgeon	4	8/5/2010	1	upstream	4 feet	
sturgeon	4	8/5/2010	3	upstream	2 feet	
sturgeon	4	8/5/2010	3	upstream	3 feet	
sturgeon	4	8/5/2010	3	upstream	2 feet	
sturgeon	4	8/5/2010	9	upstream	3 feet	
sturgeon	4	8/5/2010	10	upstream	4.5 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	8/5/2010	12	upstream	2 feet	
sturgeon	4	8/5/2010	15	upstream	3 feet	
sturgeon	4	8/5/2010	16	upstream	3.5 feet	
sturgeon	4	8/6/2010	1	upstream	6 feet	
sturgeon	4	8/6/2010	1	downstream	4 feet	
sturgeon	4	8/6/2010	2	upstream	6 feet	
sturgeon	4	8/6/2010	4	upstream	4 feet	
sturgeon	4	8/6/2010	6	upstream	4 feet	
sturgeon	4	8/6/2010	8	upstream	4 feet	
sturgeon	4	8/6/2010	8	upstream	4 feet	
sturgeon	4	8/6/2010	9	upstream	4 feet	
sturgeon	4	8/6/2010	12	upstream	2.5 feet	
sturgeon	4	8/6/2010	16	upstream	3 feet	
sturgeon	4	8/6/2010	16	upstream	3 feet	
sturgeon	4	8/6/2010	16	upstream	3.5 feet	
sturgeon	4	8/7/2010	4	upstream	10 feet	
sturgeon	4	8/7/2010	10	upstream	3 feet	
sturgeon	4	8/7/2010	16	upstream	4 feet	
sturgeon	4	8/7/2010	16	upstream	3 feet	
sturgeon	4	8/8/2010	11	upstream	2 feet	
sturgeon	4	8/8/2010	15	upstream	3 feet	
sturgeon	4	8/9/2010	6	upstream	3 feet	
sturgeon	4	8/9/2010	6	upstream	6 feet	
sturgeon	4	8/9/2010	6	upstream	4 feet	
sturgeon	4	8/9/2010	16	upstream	2 feet	
sturgeon	4	8/10/2010	1	upstream	3 feet	
sturgeon	4	8/11/2010	6	upstream	3 feet	
sturgeon	4	8/11/2010	6	upstream	4 feet	
sturgeon	4	8/11/2010	6	upstream	6 feet	
sturgeon	4	8/11/2010	8	upstream	3 feet	
sturgeon	4	8/12/2010	2	upstream	5 feet	
sturgeon	4	8/12/2010	8	upstream	4 feet	
sturgeon	4	8/12/2010	13	upstream	3 feet	
sturgeon	4	8/12/2010	13	upstream	4.5 feet	
sturgeon	4	8/12/2010	16	upstream	3.25 feet	
sturgeon	4	8/12/2010	16	upstream	3.5 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	8/13/2010	4	upstream	4 feet	
sturgeon	4	8/13/2010	4	upstream	4 feet	
sturgeon	4	8/13/2010	9	upstream	1 foot	
sturgeon	4	8/13/2010	9	upstream	3 feet	
sturgeon	4	8/13/2010	13	upstream	3 feet	
sturgeon	4	8/13/2010	16	upstream	4 feet	
sturgeon	4	8/13/2010	16	upstream	3 feet	
sturgeon	4	8/14/2010	16	upstream	2 feet	
sturgeon	4	8/15/2010	7	upstream	2 feet	
sturgeon	4	8/15/2010	14	upstream	4 feet	
sturgeon	4	8/15/2010	14	upstream	2 feet	
sturgeon	4	8/16/2010	6	upstream	4 feet	
sturgeon	4	8/16/2010	7	upstream	3 feet	
sturgeon	4	8/16/2010	7	upstream	5.5 feet	
sturgeon	4	8/16/2010	9	upstream	3.5 feet	
sturgeon	4	8/16/2010	15	upstream	4 feet	
sturgeon	4	8/16/2010	16	upstream	3 feet	
sturgeon	4	8/16/2010	16	upstream	3.5 feet	
sturgeon	4	8/17/2010	1	upstream	3 feet	
sturgeon	4	8/17/2010	7	upstream	3 feet	
sturgeon	4	8/17/2010	10	upstream	3 feet	
sturgeon	4	8/17/2010	12	upstream	4 feet	
sturgeon	4	8/17/2010	14	upstream	4 feet	
sturgeon	4	8/17/2010	15	upstream	2 feet	
sturgeon	4	8/18/2010	3	upstream	2 feet	
sturgeon	4	8/18/2010	8	upstream	3 feet	
sturgeon	4	8/18/2010	11	upstream	4 feet	
sturgeon	4	8/18/2010	12	upstream	3.5 feet	
sturgeon	4	8/19/2010	2	upstream		
sturgeon	4	8/19/2010	8	upstream	3.5 feet	
sturgeon	4	8/19/2010	10	upstream	4 feet	
sturgeon	4	8/19/2010	11	upstream	3 feet	
sturgeon	4	8/20/2010	7	upstream	8 feet	
sturgeon	4	8/20/2010	16	upstream	3 feet	
sturgeon	4	8/21/2010	7	upstream	8 feet	
sturgeon	4	8/21/2010	7	upstream	4.5 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	8/21/2010	10	upstream	3 feet	
sturgeon	4	8/22/2010	1	upstream	8 feet	
sturgeon	4	8/22/2010	1	downstream	3 feet	
sturgeon	4	8/22/2010	2	upstream	4 feet	
sturgeon	4	8/22/2010	2	upstream	2 feet	
sturgeon	4	8/22/2010	5	upstream	2 feet	
sturgeon	4	8/22/2010	9	upstream	3 feet	
sturgeon	4	8/22/2010	10	upstream	4 feet	
sturgeon	4	8/22/2010	12	downstream	4 feet	
sturgeon	4	8/22/2010	13	upstream	4 feet	
sturgeon	4	8/22/2010	16	upstream	3 feet	
sturgeon	4	8/23/2010	5	upstream	3.5 feet	
sturgeon	4	8/23/2010	6	upstream	4 feet	
sturgeon	4	8/23/2010	15	upstream	4 feet	
sturgeon	4	8/24/2010	1	upstream	4 feet	
sturgeon	4	8/24/2010	4	upstream	7 feet	
sturgeon	4	8/24/2010	4	downstream	3 feet	
sturgeon	4	8/24/2010	8	upstream	4 feet	
sturgeon	4	8/25/2010	1	upstream	3 feet	
sturgeon	4	8/25/2010	1	upstream	4 feet	
sturgeon	4	8/25/2010	7	upstream	2.5 feet	
sturgeon	4	8/25/2010	8	upstream	2 feet	
sturgeon	4	8/25/2010	16	upstream	3 feet	
sturgeon	4	8/26/2010	4	upstream	2 feet	
sturgeon	4	8/26/2010	4	downstream	3 feet	
sturgeon	4	8/26/2010	8	upstream	5 feet	
sturgeon	4	8/26/2010	11	upstream	3 feet	
sturgeon	4	8/26/2010	13	upstream	4 feet	
sturgeon	4	8/26/2010	14	upstream	4.5 feet	
sturgeon	4	8/26/2010	16	upstream	2.5 feet	
sturgeon	4	8/27/2010	7	upstream	3 feet	
sturgeon	4	8/27/2010	9	upstream	3 feet	
sturgeon	4	8/27/2010	15	upstream	4 feet	
sturgeon	4	8/28/2010	2	upstream	3 feet	
sturgeon	4	8/28/2010	2	upstream	4 feet	
sturgeon	4	8/28/2010	11	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	8/28/2010	13	upstream	3.5 feet	
sturgeon	4	8/28/2010	16	upstream	2.5 feet	
sturgeon	4	8/29/2010	1	upstream	3 feet	
sturgeon	4	8/29/2010	6	upstream	5 feet	
sturgeon	4	8/29/2010	7	upstream	3 feet	
sturgeon	4	8/29/2010	10	upstream	4 feet	
sturgeon	4	8/29/2010	12	upstream	3 feet	
sturgeon	4	8/29/2010	13	upstream	4 feet	
sturgeon	4	8/30/2010	4	upstream	4 feet	
sturgeon	4	8/30/2010	9	upstream	2.5 feet	
sturgeon	4	8/30/2010	10	upstream	4 feet	
sturgeon	4	8/30/2010	13	upstream	3 feet	
sturgeon	4	8/30/2010	13	upstream	2 feet	
sturgeon	4	8/30/2010	14	upstream	4 feet	
sturgeon	4	8/30/2010	15	upstream	3 feet	
sturgeon	4	8/30/2010	16	upstream	1.5 feet	
sturgeon	4	8/30/2010	16	upstream	3 feet	
sturgeon	4	8/31/2010	1	downstream	3 feet	
sturgeon	4	8/31/2010	2	upstream	3 feet	
sturgeon	4	8/31/2010	2	upstream	5 feet	
sturgeon	4	8/31/2010	5	upstream	3 feet	
sturgeon	4	8/31/2010	16	upstream	4 feet	
sturgeon	4	8/31/2010	16	downstream	4 feet	
sturgeon	4	9/1/2010	11	upstream	4 feet	
sturgeon	4	9/1/2010	11	downstream	4 feet	
sturgeon	4	9/1/2010	16	upstream	4 feet	
sturgeon	4	9/1/2010	16	upstream	5 feet	
sturgeon	4	9/2/2010	1	upstream	3 feet	
sturgeon	4	9/2/2010	4	upstream	4 feet	
sturgeon	4	9/2/2010	6	upstream	5 feet	
sturgeon	4	9/2/2010	16	upstream	3 feet	
sturgeon	4	9/2/2010	16	upstream	4 feet	
sturgeon	4	9/3/2010	6	upstream	4 feet	
sturgeon	4	9/3/2010	7	upstream	5 feet	
sturgeon	4	9/3/2010	7	upstream	3.5 feet	
sturgeon	4	9/3/2010	11	up and down	2 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	9/3/2010	12	upstream	4 feet	
sturgeon	4	9/3/2010	15	upstream	7 feet	
sturgeon	4	9/3/2010	15	upstream	3 feet	
sturgeon	4	9/4/2010	6	upstream	3.5 feet	
sturgeon	4	9/4/2010	8	upstream	2 feet	
sturgeon	4	9/4/2010	8	downstream	2 feet	
sturgeon	4	9/4/2010	9	upstream	3 feet	
sturgeon	4	9/4/2010	9	upstream	3.5 feet	
sturgeon	4	9/4/2010	16	downstream	3.5 feet	
sturgeon	4	9/4/2010	16	downstream	2.5 feet	
sturgeon	4	9/5/2010	1	upstream	4 feet	
sturgeon	4	9/5/2010	2	upstream	3 feet	
sturgeon	4	9/5/2010	7	upstream	2 feet	
sturgeon	4	9/5/2010	8	upstream	3 feet	
sturgeon	4	9/5/2010	15	up and down	2 feet	
sturgeon	4	9/6/2010	5	upstream	3 feet	
sturgeon	4	9/6/2010	6	upstream	3 feet	
sturgeon	4	9/7/2010	1	upstream	3 feet	
sturgeon	4	9/7/2010	4	upstream	3 feet	
sturgeon	4	9/7/2010	6	upstream	6 feet	
sturgeon	4	9/7/2010	14	upstream	3 feet	
sturgeon	4	9/7/2010	14	upstream	4 feet	
sturgeon	4	9/7/2010	14	upstream	6 feet	
sturgeon	4	9/8/2010	4	upstream	3 feet	
sturgeon	4	9/8/2010	6	upstream	3 feet	
sturgeon	4	9/8/2010	15	upstream	3 feet	
sturgeon	4	9/8/2010	16	downstream	3 feet	
sturgeon	4	9/9/2010	4	upstream	3 feet	
sturgeon	4	9/9/2010	10	upstream	3 feet	
sturgeon	4	9/9/2010	10	upstream	5 feet	
sturgeon	4	9/9/2010	14	upstream	3 feet	
sturgeon	4	9/10/2010	2	upstream	3 feet	
sturgeon	4	9/10/2010	3	upstream	2 feet	
sturgeon	4	9/10/2010	8	up and down	2 feet	
sturgeon	4	9/10/2010	9	upstream	3 feet	
sturgeon	4	9/10/2010	16	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	9/10/2010	16	upstream	4 feet	
sturgeon	4	9/11/2010	1	upstream	3 feet	
sturgeon	4	9/12/2010	1	up and down	1.5 feet	
sturgeon	4	9/12/2010	5	upstream	5 feet	
sturgeon	4	9/12/2010	12	upstream	2 feet	
sturgeon	4	9/12/2010	12	upstream	3 feet	
sturgeon	4	9/12/2010	16	upstream	2 feet	
sturgeon	4	9/13/2010	1	upstream	3 feet	
sturgeon	4	9/13/2010	9	upstream	5 feet	
sturgeon	4	9/14/2010	1	upstream	4 feet	
sturgeon	4	9/14/2010	1	up and down	3 feet	
sturgeon	4	9/14/2010	1	up and down	0.5 feet	
sturgeon	4	9/14/2010	15	upstream	2.5 feet	
sturgeon	4	9/14/2010	16	upstream	3 feet	
sturgeon	4	9/14/2010	16	upstream	1 foot	
sturgeon	4	9/15/2010	2	upstream	3 feet	
sturgeon	4	9/15/2010	2	upstream	2 feet	
sturgeon	4	9/15/2010	8	upstream	3.5 feet	
sturgeon	4	9/15/2010	15	downstream	3.5 feet	
sturgeon	4	9/16/2010	1	upstream	3 feet	
sturgeon	4	9/16/2010	15	upstream	4 feet	
sturgeon	4	9/17/2010	5	upstream		
sturgeon	4	9/17/2010	6	upstream		
sturgeon	4	9/17/2010	9	upstream	2.5 feet	
sturgeon	4	9/17/2010	15	upstream	3 feet	
sturgeon	4	9/19/2010	3	downstream	3.5 feet	
sturgeon	4	9/19/2010	5	upstream	3 feet	
sturgeon	4	9/19/2010	9	upstream	3 feet	
sturgeon	4	9/19/2010	11	upstream	3 feet	
sturgeon	4	9/19/2010	15	upstream	3 feet	
sturgeon	4	9/19/2010	15	downstream	3 feet	
sturgeon	4	9/19/2010	15	downstream	3 feet	
sturgeon	4	9/19/2010	16	upstream	3 feet	
sturgeon	4	9/19/2010	16	downstream	3 feet	
sturgeon	4	9/19/2010	16	upstream	3 feet	
sturgeon	4	9/21/2010	1	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments	
sturgeon	4	9/22/2010	1	upstream	3 feet		
sturgeon	4	9/22/2010	4	upstream	3 feet		
sturgeon	4	9/22/2010	15	upstream	4 feet		
sturgeon	4	9/23/2010	1	downstream	3 feet		
sturgeon	4	9/24/2010	1	upstream	3 feet		
sturgeon	4	9/24/2010	2	upstream	3.5 feet		
sturgeon	4	9/24/2010	3	downstream	3.5 feet		
sturgeon	4	9/24/2010	13	upstream	1 foot		
sturgeon	4	9/24/2010	16	upstream	4 feet		
sturgeon	4	9/25/2010	9	upstream	3 feet		
sturgeon	4	9/26/2010	7	upstream	3 feet		
sturgeon	4	9/28/2010	3	upstream	3.5 feet		
sturgeon	4	9/28/2010	5	upstream	5 feet		
sturgeon	4	9/28/2010	5	upstream	3 feet		
sturgeon	4	9/28/2010	14	upstream	3 feet		
sturgeon	4	10/1/2010	13	downstream	4 feet		
sturgeon	4	10/2/2010	16	upstream	4 feet		
sturgeon	4	10/3/2010	12	upstream	4 feet		
sturgeon	4	10/3/2010	16	upstream	3 feet		
sturgeon	4	10/4/2010	16	upstream	3 feet		
sturgeon	4	10/11/2010	13	upstream	7 feet		
sturgeon	4	10/11/2010	15	downstream	7 feet		
sturgeon	4	10/12/2010	1	upstream	7 feet		
sturgeon	4	10/12/2010	7	upstream	3 feet		
sturgeon	4	10/13/2010	8	upstream	3 feet		
sturgeon	4	10/13/2010	15	upstream	2 feet		
sturgeon	4	10/13/2010	15	upstream	3 feet		
sturgeon	4	10/27/2010	9	downstream	4 feet		
sturgeon	4	10/28/2010	3	upstream	3.5 feet		
sturgeon	4	10/28/2010	15	downstream	3.5 feet		
sturgeon	285	4	10/30/2010	3	upstream	4 feet	
sturgeon	5	10/15/2010	16	upstream	2.5 feet		
sturgeon	2	5	10/16/2010	15	upstream	3 feet	
sturgeon	6	7/21/2010	3	upstream	3 feet		
sturgeon	6	7/31/2010	13	upstream	4 feet		
sturgeon	6	8/7/2010	15	upstream	4 feet		

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	6	8/7/2010	16	upstream	3 feet	
sturgeon	6	8/11/2010	15	upstream	4 feet	
sturgeon	6	8/13/2010	12	upstream	4 feet	
sturgeon	6	8/14/2010	2	upstream	3.5 feet	
sturgeon	6	8/14/2010	2	upstream	4 feet	
sturgeon	6	8/14/2010	2	upstream	4.5 feet	
sturgeon	6	8/14/2010	2	upstream	4 feet	
sturgeon	6	8/14/2010	7	upstream	3.5 feet	
sturgeon	6	8/17/2010	4	upstream	3.5 feet	
sturgeon	6	8/18/2010	2	upstream	4.5 feet	
sturgeon	6	8/18/2010	7	upstream	3 feet	
sturgeon	6	8/18/2010	9	upstream	2.67 feet	
sturgeon	6	8/19/2010	1	upstream	3 feet	
sturgeon	6	8/20/2010	2	upstream	2 feet	
sturgeon	6	8/20/2010	2	upstream	4 feet	
sturgeon	6	8/22/2010	4	upstream	4 feet	
sturgeon	6	8/22/2010	12	up and down	2 feet	
sturgeon	6	8/22/2010	14	upstream	3.5 feet	
sturgeon	6	8/22/2010	14	upstream	2 feet	
sturgeon	6	8/22/2010	16	upstream	2.5 feet	
sturgeon	6	8/24/2010	11	upstream	2.5 feet	
sturgeon	6	8/24/2010	13	downstream	4 feet	
sturgeon	6	8/24/2010	15	upstream	2 feet	
sturgeon	6	8/26/2010	3	upstream	3 feet	
sturgeon	6	8/26/2010	11	upstream	6 feet	
sturgeon	6	8/26/2010	13	upstream	3 feet	
sturgeon	6	8/27/2010	9	upstream	2 feet	
sturgeon	6	8/27/2010	16	upstream	3 feet	
sturgeon	6	8/30/2010	13	upstream	2 feet	
sturgeon	6	8/30/2010	14	upstream	2.5 feet	
sturgeon	6	9/2/2010	16	upstream	3 feet	
sturgeon	6	9/3/2010	3	downstream	3.5 feet	
sturgeon	6	9/3/2010	3	upstream	4 feet	
sturgeon	6	9/3/2010	12	downstream	3.5 feet	
sturgeon	6	9/3/2010	13	upstream	3.5 feet	
sturgeon	6	9/4/2010	3	upstream	3.5 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	6	9/5/2010	1	upstream	4 feet	
sturgeon	6	9/5/2010	2	upstream	2.5 feet	
sturgeon	6	9/5/2010	3	upstream	4 feet	
sturgeon	6	9/5/2010	7	downstream	3 feet	
sturgeon	6	9/6/2010	1	upstream	3.5 feet	
sturgeon	6	9/6/2010	1	downstream	3.5 feet	
sturgeon	6	9/6/2010	4	downstream	3.5 feet	
sturgeon	6	9/6/2010	4	upstream	3.5 feet	
sturgeon	6	9/7/2010	1	downstream	4 feet	
sturgeon	6	9/7/2010	5	upstream	5 feet	
sturgeon	6	9/8/2010	6	upstream	3 feet	
sturgeon	6	9/8/2010	8	downstream	3.5 feet	
sturgeon	6	9/8/2010	10	upstream	6 feet	
sturgeon	6	9/9/2010	4	downstream	3 feet	
sturgeon	6	9/9/2010	8	downstream	4 feet	
sturgeon	6	9/10/2010	16	downstream	2.5 feet	
sturgeon	6	9/12/2010	16	upstream	4 feet	
sturgeon	6	9/14/2010	16	upstream	3.5 feet	
sturgeon	6	9/15/2010	3	downstream	3 feet	
sturgeon	6	9/16/2010	16	upstream	3.5 feet	
sturgeon	6	9/16/2010	16	upstream	3.5 feet	
sturgeon	6	9/17/2010	14	upstream	3 feet	
sturgeon	6	9/18/2010	1	upstream	3 feet	
sturgeon	6	9/18/2010	12	upstream	4.5 feet	
sturgeon	6	9/19/2010	16	upstream	4 feet	
sturgeon	6	9/20/2010	13	upstream	3.5 feet	
sturgeon	6	9/20/2010	13	upstream	3 feet	
sturgeon	6	9/20/2010	13	upstream	4 feet	
sturgeon	6	9/21/2010	14	upstream		
sturgeon	6	9/21/2010	16	upstream	2 feet	
sturgeon	6	9/21/2010	16	upstream	4 feet	
sturgeon	6	9/22/2010	16	upstream	4 feet	
sturgeon	6	9/23/2010	16	upstream	4 feet	
sturgeon	6	9/23/2010	16	upstream	5 feet	
sturgeon	6	9/24/2010	1	upstream	3 feet	
sturgeon	6	9/25/2010	1	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	6	9/25/2010	1	upstream	4 feet	
sturgeon	6	9/25/2010	2	upstream	5 feet	
sturgeon	6	9/25/2010	16	upstream	4.5 feet	
sturgeon	6	9/27/2010	14	upstream	4 feet	
sturgeon	6	9/27/2010	14	upstream	2 feet	
sturgeon	6	9/27/2010	16	upstream	4 feet	
sturgeon	6	9/27/2010	16	upstream	2 feet	
sturgeon	6	9/29/2010	7	upstream	2.5 feet	
sturgeon	6	9/29/2010	15	upstream	3.5 feet	
sturgeon	6	9/30/2010	2	downstream	3 feet	
sturgeon	6	9/30/2010	2	upstream	3 feet	
sturgeon	6	9/30/2010	3	upstream	3 feet	
sturgeon	6	10/1/2010	15	downstream	4 feet	
sturgeon	6	10/1/2010	16	upstream	3 feet	
sturgeon	6	10/2/2010	1	upstream	3 feet	
sturgeon	6	10/3/2010	1	upstream	4 feet	
sturgeon	6	10/3/2010	1	upstream	2 feet	
sturgeon	6	10/4/2010	1	upstream	3 feet	
sturgeon	6	10/4/2010	11	downstream	3 feet	
sturgeon	6	10/4/2010	13	upstream	3 feet	
sturgeon	6	10/5/2010	2	upstream	3 feet	
sturgeon	6	10/5/2010	15	upstream	3.5 feet	
sturgeon	6	10/6/2010	1	upstream		
sturgeon	6	10/6/2010	16	upstream	4 feet	
sturgeon	6	10/7/2010	6	upstream	4 feet	
sturgeon	6	10/12/2010	8	upstream	3 feet	
sturgeon	6	10/13/2010	15	upstream	4 feet	
sturgeon	6	10/18/2010	15	upstream	3 feet	
sturgeon	6	10/19/2010	1	upstream	4 feet	
sturgeon	6	10/19/2010	1	downstream	4 feet	
sturgeon	6	10/21/2010	3	upstream	3.5 feet	
sturgeon	6	10/30/2010	14	upstream	3.5 feet	
sturgeon	108	6	10/30/2010	16	upstream	2.5 feet
sturgeon	9	8/15/2010	1	upstream	4 feet	
sturgeon	2	9	9/16/2010	6	upstream	4 feet

Notes about fish counting in 2009

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles, John Day, McNary, Ice Harbor, Lower Monumental, and Little Goose fish counting was done 16 hours a day starting on 4/1 and ending on 10/31.

At Lower Granite fish counting started on 3/1 and was done 10 hours a day through the month, was done 16 hours each day from 4/1 through 10/31, and was done 10 hours a day from 11/1 through the remainder of the year.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.* Ladder	Date	Hour	Swimming Direction	Length	Comments
*cumulative sightings in each fishladder this year						
Bull trout	1	5/30/2009	5	upstream	12 inches	
Bull trout	1	6/2/2009	16	upstream	12 inches	
Bull trout	3	6/2/2009	16	upstream	12 inches	
Bull trout	12	5/10/2009	9	upstream	14 inches	
Bull trout	12	5/10/2009	10	upstream	12 inches	
Bull trout	12	6/4/2009	4	upstream	12.5 inches	
Bull trout	12	6/20/2009	5	upstream	10.5 inches	
Bull trout	5	6/22/2009	4	upstream	13.5 inches	
Bull trout	13	4/21/2009	12	upstream	12 inches	
Bull trout	13	4/24/2009	14	upstream	12 inches	
Bull trout	13	4/25/2009	10	upstream	12 inches	
Bull trout	13	5/2/2009	8	downstream	15 inches	
Bull trout	13	5/2/2009	10	upstream	15 inches	
Bull trout	13	5/20/2009	10	upstream	12 inches	
Bull trout	13	5/22/2009	1	upstream	15 inches	
Bull trout	13	5/22/2009	10	upstream	12 inches	
Bull trout	13	5/25/2009	6	upstream	15 inches	
Bull trout	13	5/25/2009	8	upstream	8 inches	
Bull trout	13	5/27/2009	5	upstream	13 inches	
Bull trout	13	6/6/2009	8	upstream	14 inches	
Bull trout	13	6/8/2009	12	upstream	19 inches	
Bull trout	13	6/11/2009	12	upstream	13 inches	
Bull trout	13	6/14/2009	4	upstream	13 inches	
Bull trout	13	6/14/2009	15	upstream	14 inches	
Bull trout	13	6/15/2009	5	upstream	13 inches	
Bull trout	13	6/15/2009	5	upstream	15 inches	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments	
Bull trout	13	6/15/2009	5	upstream	8 inches		
Bull trout	13	6/16/2009	5	upstream	12 inches		
Bull trout	13	6/17/2009	4	upstream	14 inches		
Bull trout	13	6/20/2009	15	upstream	14 inches		
Bull trout	13	6/23/2009	12	upstream	14 inches		
Bull trout	13	6/24/2009	13	upstream	10 inches		
Bull trout	13	6/24/2009	14	upstream	14 inches		
Bull trout	13	6/25/2009	5	upstream	12 inches		
Bull trout	13	6/25/2009	10	upstream	12 inches		
Bull trout	13	6/25/2009	10	upstream	14 inches	This Bull trout assended during a break.	
Bull trout	13	6/26/2009	5	upstream	14 inches		
Bull trout	13	6/27/2009	3	upstream	12 inches		
Bull trout	13	6/29/2009	3	upstream	15 inches		
Bull trout	13	7/1/2009	4	upstream	15 inches		
Bull trout	13	7/2/2009	3	upstream	12 inches		
Bull trout	13	7/2/2009	5	upstream	14 inches		
Bull trout	13	7/4/2009	3	upstream	18 inches		
Bull trout	13	7/7/2009	10	upstream	12 inches		
Bull trout	37	13	7/8/2009	8	upstream	14 inches	
Bull trout		14	5/30/2009	8	upstream	14 inches	
Bull trout		14	5/30/2009	8	downstream	14 inches	
Bull trout		14	5/31/2009	3	up and down	14 inches	This was the same Bull trout from 5/30.
Bull trout		14	5/31/2009	7	up and down	14 inches	This was the same Bull trout from 5/30.
Bull trout		14	6/19/2009	10	upstream	12 inches	
Bull trout	6	14	6/28/2009	1	upstream	12 inches	
Grass carp	1	2	7/21/2009	16	upstream	Yes, this was a GRASS CARP!!	
sturgeon	1	8/22/2009	16	upstream	3.5 feet		
sturgeon	1	8/23/2009	16	upstream	4.5 feet		
sturgeon	1	9/8/2009	8	downstream	3 feet		
sturgeon	1	9/11/2009	2	upstream	2.5 feet		
sturgeon	1	9/12/2009	7	upstream	2.5 feet		
sturgeon	1	9/18/2009	4	upstream	2 feet		
sturgeon	1	9/19/2009	3	upstream	2 feet		
sturgeon	1	9/20/2009	2	upstream	5 feet		

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1	9/21/2009	7	upstream	3 feet	
sturgeon	1	9/22/2009	1	upstream	3 feet	
sturgeon	1	9/22/2009	1	downstream	3 feet	
sturgeon	1	9/22/2009	2	upstream	2 feet	
sturgeon	1	9/22/2009	2	upstream	2.5 feet	
sturgeon	1	9/22/2009	16	upstream	3.5 feet	
sturgeon	1	9/24/2009	1	upstream	2 feet	
sturgeon	1	9/29/2009	9	downstream	3.5 feet	
sturgeon	1	9/29/2009	16	upstream	6 feet	
sturgeon	1	9/30/2009	11	upstream	3 feet	
sturgeon	1	10/2/2009	16	upstream	4 feet	
sturgeon	1	10/3/2009	9	upstream		
sturgeon	1	10/3/2009	16	downstream	3 feet	
sturgeon	1	10/4/2009	14	downstream	3 feet	
sturgeon	1	10/4/2009	16	upstream		
sturgeon	1	10/9/2009	8	upstream	4 feet	
sturgeon	1	10/11/2009	8	down and up	2.5 feet	
sturgeon	1	10/11/2009	8	upstream	5 feet	
sturgeon	1	10/13/2009	8	upstream	5.5 feet	
sturgeon	1	10/14/2009	8	upstream	3 feet	
sturgeon	1	10/14/2009	8	downstream	4.5 feet	
sturgeon	1	10/14/2009	16	upstream	2 feet	
sturgeon	1	10/14/2009	16	upstream	3 feet	
sturgeon	1	10/14/2009	16	upstream	4.5 feet	
sturgeon	1	10/15/2009	16	downstream	5 feet	
sturgeon	1	10/15/2009	16	downstream	4 feet	
sturgeon	1	10/16/2009	16	downstream	3 feet	
sturgeon	1	10/17/2009	16	upstream	2.5 feet	
sturgeon	1	10/18/2009	16	downstream	2 feet	
sturgeon	1	10/18/2009	16	upstream	2.5 feet	
sturgeon	1	10/18/2009	16	upstream	3 feet	
sturgeon	1	10/18/2009	16	downstream	4 feet	
sturgeon	1	10/19/2009	1	upstream	4 feet	
sturgeon	1	10/19/2009	1	upstream	5 feet	
sturgeon	1	10/19/2009	16	upstream	2.5 feet	
sturgeon	1	10/19/2009	16	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1	10/19/2009	16	downstream	5 feet	
sturgeon	1	10/19/2009	16	upstream	5.5 feet	
sturgeon	1	10/28/2009	9	upstream	5 feet	
sturgeon	1	11/2/2009	1	downstream	4.5 feet	
sturgeon	1	11/2/2009	2	upstream	4.5 feet	same sturgeon
sturgeon	1	11/2/2009	7	upstream	6.5 feet	
sturgeon	1	11/3/2009	3	downstream	4.5 feet	
sturgeon	1	11/3/2009	14	downstream	6.5 feet	
sturgeon	1	11/4/2009	2	downstream	4 feet	
sturgeon	1	11/4/2009	4	upstream	6 feet	
sturgeon	1	11/4/2009	4	upstream	4 feet	
sturgeon	1	11/4/2009	4	up and down	3.5 feet	
sturgeon	1	11/4/2009	12	downstream	4 feet	same sturgeon
sturgeon	1	11/4/2009	13	upstream	5 feet	
sturgeon	1	11/4/2009	15	upstream	4 feet	
sturgeon	1	11/4/2009	16	downstream	4 feet	same sturgeon
sturgeon	1	11/5/2009	1	upstream	4 feet	same sturgeon
sturgeon	1	11/5/2009	4	upstream	5 feet	same sturgeon
sturgeon	1	11/5/2009	5	downstream	6.5 feet	same sturgeon
sturgeon	1	11/5/2009	6	upstream	6.5 feet	same sturgeon
sturgeon	1	11/5/2009	14	downstream	5.5 feet	
sturgeon	1	11/6/2009	1	downstream	6.5 feet	
sturgeon	1	11/6/2009	2	upstream	6.5 feet	same sturgeon
sturgeon	1	11/6/2009	3	downstream	5 feet	
sturgeon	1	11/6/2009	4	upstream	3.5 feet	
sturgeon	1	11/6/2009	12	downstream	6.5 feet	same sturgeon
sturgeon	1	11/6/2009	15	downstream	6 feet	
sturgeon	1	11/6/2009	16	downstream	2.5 feet	
sturgeon	1	11/7/2009	13	upstream	4.5 feet	same sturgeon
sturgeon	1	11/7/2009	14	upstream	3.5 feet	
sturgeon	1	11/8/2009	2	downstream	6.5 feet	same sturgeon
sturgeon	1	11/8/2009	4	upstream	6.5 feet	same sturgeon
sturgeon	1	11/8/2009	5	downstream	2.5 feet	
sturgeon	1	11/8/2009	13	downstream	6.5 feet	same sturgeon
sturgeon	1	11/8/2009	14	upstream	6.5 feet	same sturgeon
sturgeon	1	11/8/2009	16	upstream	3.5 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1	11/8/2009	16	upstream	3 feet	
sturgeon	1	11/10/2009	14	upstream	3 feet	
sturgeon	1	11/10/2009	14	upstream	4 feet	
sturgeon	1	11/11/2009	2	downstream	4 feet	same sturgeon
sturgeon	1	11/11/2009	5	downstream	4.5 feet	
sturgeon	1	11/11/2009	11	downstream	4.5 feet	
sturgeon	1	11/11/2009	15	upstream	4.5 feet	
sturgeon	1	11/11/2009	15	down and up	6.5 feet	
sturgeon	1	11/11/2009	16	downstream	6.5 feet	same sturgeon
sturgeon	1	11/12/2009	1	upstream	4 feet	
sturgeon	1	11/12/2009	5	upstream	5 feet	
sturgeon	1	11/12/2009	7	upstream	6 feet	
sturgeon	1	11/12/2009	7	down and up	6.5 feet	
sturgeon	1	11/12/2009	9	upstream	4 feet	different sturgeon
sturgeon	1	11/12/2009	13	downstream	5 feet	same sturgeon
sturgeon	1	11/12/2009	14	upstream	3.5 feet	same sturgeon
sturgeon	1	11/12/2009	16	down and up	3.5 feet	same sturgeon
sturgeon	1	11/13/2009	3	downstream	3.5 feet	same sturgeon
sturgeon	1	11/13/2009	4	downstream	6.5 feet	same sturgeon
sturgeon	1	11/13/2009	8	upstream	3 feet	
sturgeon	1	11/13/2009	13	upstream	7 feet	
sturgeon	1	11/14/2009	1	down and up	4 feet	
sturgeon	1	11/14/2009	15	downstream	3.5 feet	same sturgeon
sturgeon	1	11/15/2009	2	upstream	4.5 feet	
sturgeon	1	11/15/2009	13	downstream	6.5 feet	same sturgeon
sturgeon	1	11/15/2009	14	downstream	3 feet	same sturgeon
sturgeon	1	11/15/2009	15	down and up	4.5 feet	same sturgeon
sturgeon	1	11/16/2009	4	upstream	3 feet	same sturgeon
sturgeon	1	11/16/2009	5	upstream	6.5 feet	same sturgeon
sturgeon	1	11/16/2009	15	downstream	4 feet	
sturgeon	1	11/17/2009	1	upstream	2.5 feet	same sturgeon
sturgeon	1	11/17/2009	1	upstream	3.5 feet	same sturgeon
sturgeon	1	11/17/2009	2	down and up	4.5 feet	same sturgeon
sturgeon	1	11/17/2009	3	downstream	3.5 feet	same sturgeon
sturgeon	1	11/18/2009	12	upstream	6.5 feet	same sturgeon
sturgeon	1	11/18/2009	16	downstream	6.5 feet	same sturgeon

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1	11/19/2009	14	downstream	6.5 feet	
sturgeon	1	11/19/2009	16	down and up	3 feet	
sturgeon	1	11/21/2009	4	downstream	7 feet	
sturgeon	1	11/21/2009	5	upstream	7 feet	same sturgeon
sturgeon	1	11/23/2009	11	upstream	3.5 feet	
sturgeon	1	11/24/2009	15	downstream	3.5 feet	
sturgeon	1	11/25/2009	13	downstream	6 feet	
sturgeon	1	11/26/2009	4	upstream	6.5 feet	same sturgeon
sturgeon	1	11/27/2009	10	downstream	6.5 feet	same sturgeon
sturgeon	1	11/28/2009	16	downstream	4 feet	
sturgeon	1	11/29/2009	2	upstream	6.5 feet	same sturgeon
sturgeon	1	12/1/2009	6	upstream	6.5 feet	
sturgeon	1	12/1/2009	14	downstream	6.5 feet	
sturgeon	130	12/3/2009	15	downstream	3 feet	
sturgeon	2	1/3/2009	3	downstream	3 feet	
sturgeon	2	7/7/2009	1	upstream	4 feet	green sturgeon
sturgeon	2	7/15/2009	14	upstream	5.5 feet	
sturgeon	2	7/17/2009	15	upstream	4.5 feet	
sturgeon	2	7/19/2009	1	upstream	2 feet	
sturgeon	2	7/21/2009	12	upstream	3 feet	
sturgeon	2	7/26/2009	11	upstream	2 feet	
sturgeon	2	8/6/2009	8	upstream	3 feet	
sturgeon	2	8/10/2009	2	upstream	3 feet	
sturgeon	2	8/27/2009	12	upstream	3 feet	
sturgeon	2	9/6/2009	1	upstream	4.5 feet	
sturgeon	2	9/8/2009	16	downstream	2 feet	
sturgeon	2	9/10/2009	8	upstream	2.5 feet	
sturgeon	2	9/27/2009	16	downstream	3 feet	
sturgeon	2	10/1/2009	3	upstream	4.5 feet	
sturgeon	2	10/1/2009	16	upstream	3 feet	
sturgeon	2	10/2/2009	2	upstream	3 feet	
sturgeon	2	10/8/2009	16	upstream	4.5 feet	
sturgeon	2	10/11/2009	14	upstream	3.5 feet	
sturgeon	2	10/18/2009	14	upstream		
sturgeon	2	10/21/2009	2	upstream	4.5 feet	
sturgeon	2	10/21/2009	2	upstream	5.5 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	2	10/21/2009	15	upstream	4 feet	
sturgeon	2	10/25/2009	15	upstream	5.5 feet	
sturgeon	2	10/29/2009	6	downstream	5.5 feet	
sturgeon	2	10/29/2009	6	upstream	5.5 feet	
sturgeon	2	11/2/2009	16	downstream	5.5 feet	
sturgeon	2	11/3/2009	3	upstream	5.5 feet	same sturgeon
sturgeon	2	11/3/2009	10	upstream	4 feet	
sturgeon	2	11/3/2009	14	downstream	5.5 feet	
sturgeon	2	11/3/2009	15	upstream	5.5 feet	
sturgeon	2	11/3/2009	16	down and up	5.5 feet	
sturgeon	2	11/4/2009	14	upstream	4 feet	
sturgeon	2	11/4/2009	14	downstream	5.5 feet	
sturgeon	2	11/5/2009	2	upstream	5.5 feet	same sturgeon
sturgeon	2	11/5/2009	16	upstream	4.5 feet	
sturgeon	2	11/8/2009	15	downstream	5 feet	
sturgeon	2	11/9/2009	6	upstream	5 feet	
sturgeon	2	11/9/2009	16	downstream	5 feet	same sturgeon
sturgeon	2	11/11/2009	14	downstream	5.5 feet	
sturgeon	2	11/12/2009	3	upstream	5.5 feet	same sturgeon
sturgeon	2	11/12/2009	16	upstream	4.5 feet	
sturgeon	2	11/17/2009	5	down and up	4.5 feet	
sturgeon	2	11/17/2009	6	downstream	4.5 feet	same sturgeon
sturgeon	2	11/17/2009	13	downstream	5 feet	same sturgeon
sturgeon	2	11/20/2009	4	upstream	5 feet	
sturgeon	2	11/20/2009	15	down and up	6 feet	
sturgeon	2	12/9/2009	14	down and up	3.5 feet	
sturgeon	2	12/14/2009	1	down and up	3.5 feet	
sturgeon	2	12/16/2009	14	upstream	3.5 feet	
sturgeon	2	12/16/2009	16	down and up	3.5 feet	
sturgeon	2	12/17/2009	14	up and down	3.5 feet	
sturgeon	53	2	12/20/2009	14	upstream	4.5 feet
sturgeon	3	5/5/2009	2	upstream	5 feet	
sturgeon	3	5/23/2009	6	upstream	8 feet	
sturgeon	3	6/3/2009	10	upstream	6 feet	
sturgeon	3	6/5/2009	13	upstream	3 feet	
sturgeon	3	6/8/2009	9	upstream	8 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3	6/8/2009	12	upstream	3 feet	
sturgeon	3	6/18/2009	3	upstream	6 feet	
sturgeon	3	6/19/2009	4	upstream	6.5 feet	
sturgeon	3	6/21/2009	7	upstream	4 feet	
sturgeon	3	6/22/2009	1	upstream	4 feet	
sturgeon	3	6/22/2009	8	upstream	5 feet	
sturgeon	3	6/22/2009	10	upstream	5 feet	
sturgeon	3	6/22/2009	14	upstream	6 feet	
sturgeon	3	6/23/2009	1	up and down	3 feet	
sturgeon	3	6/24/2009	7	up and down	5 feet	
sturgeon	3	6/24/2009	8	up and down	5 feet	same sturgeon as in hour 7 this day
sturgeon	3	6/25/2009	8	up and down	7 feet	
sturgeon	3	6/27/2009	5	upstream	4 feet	
sturgeon	3	6/27/2009	5	upstream	6 feet	
sturgeon	3	6/27/2009	10	upstream		
sturgeon	3	6/30/2009	10	upstream	5 feet	
sturgeon	3	6/30/2009	15	upstream	5 feet	
sturgeon	3	7/2/2009	4	downstream	7 feet	
sturgeon	3	7/2/2009	4	upstream	7 feet	
sturgeon	3	7/2/2009	5	upstream	7 feet	
sturgeon	3	7/4/2009	4	upstream	8 feet	
sturgeon	3	7/4/2009	8	upstream	5 feet	
sturgeon	3	7/4/2009	11	upstream	4 feet	
sturgeon	3	7/5/2009	16	upstream	3 feet	
sturgeon	3	7/5/2009	16	upstream	5 feet	
sturgeon	3	7/6/2009	7	upstream	4 feet	
sturgeon	3	7/6/2009	12	upstream	3 feet	
sturgeon	3	7/6/2009	16	upstream	3 feet	
sturgeon	3	7/10/2009	14	upstream	2.5 feet	
sturgeon	3	7/11/2009	3	upstream	4 feet	
sturgeon	3	7/11/2009	7	upstream	4.5 feet	
sturgeon	3	7/15/2009	12	upstream	6 feet	
sturgeon	3	7/15/2009	13	upstream	3 feet	
sturgeon	3	7/17/2009	12	upstream	2.5 feet	
sturgeon	3	7/19/2009	11	upstream	3 feet	
sturgeon	3	7/21/2009	4	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3	7/21/2009	9	upstream	5 feet	
sturgeon	3	7/21/2009	16	upstream	2 feet	
sturgeon	3	7/23/2009	8	downstream	6 feet	
sturgeon	3	7/23/2009	10	upstream	6 feet	
sturgeon	3	7/23/2009	13	upstream	6 feet	
sturgeon	3	7/29/2009	4	upstream	3 feet	
sturgeon	3	7/29/2009	7	upstream	8 feet	
sturgeon	3	7/29/2009	13	upstream	3 feet	
sturgeon	3	7/30/2009	1	upstream	3 feet	
sturgeon	3	7/30/2009	7	upstream	3 feet	
sturgeon	3	7/30/2009	16	upstream	4 feet	
sturgeon	3	7/31/2009	15	upstream	3.5 feet	
sturgeon	3	8/3/2009	9	upstream	3 feet	
sturgeon	3	8/4/2009	13	upstream	3 feet	
sturgeon	3	8/12/2009	1	upstream	6 feet	
sturgeon	3	8/16/2009	1	upstream	3 feet	
sturgeon	3	8/17/2009	16	downstream	3 feet	
sturgeon	3	8/19/2009	5	upstream	3 feet	
sturgeon	3	8/19/2009	10	upstream	3 feet	
sturgeon	3	8/19/2009	11	downstream	3 feet	
sturgeon	3	8/19/2009	11	upstream	3 feet	
sturgeon	3	8/21/2009	1	upstream	7 feet	
sturgeon	3	9/1/2009	11	upstream	4 feet	
sturgeon	3	9/1/2009	12	downstream	2 feet	
sturgeon	3	9/22/2009	15	upstream	3 feet	
sturgeon	67 3	10/11/2009	16	upstream	5 feet	
sturgeon	4	7/17/2009	13	upstream	3 feet	
sturgeon	4	7/20/2009	15	upstream	3 feet	
sturgeon	4	7/21/2009	8	upstream	4 feet	
sturgeon	4	8/7/2009	6	upstream	3 feet	
sturgeon	4	8/8/2009	1	upstream	4 feet	
sturgeon	4	8/8/2009	14	upstream	3 feet	
sturgeon	4	8/12/2009	15	upstream	4 feet	
sturgeon	4	8/15/2009	1	upstream	3 feet	
sturgeon	4	8/15/2009	3	upstream	2.5 feet	
sturgeon	4	8/15/2009	5	upstream	2 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	8/16/2009	12	upstream	4 feet	
sturgeon	4	8/17/2009	8	upstream	4 feet	
sturgeon	4	8/19/2009	4	upstream	3 feet	
sturgeon	4	8/19/2009	10	upstream	4 feet	
sturgeon	4	8/19/2009	10	downstream	4 feet	
sturgeon	4	8/19/2009	16	upstream	2 feet	
sturgeon	4	8/20/2009	1	upstream	3.5 feet	
sturgeon	4	8/20/2009	4	upstream		
sturgeon	4	8/20/2009	4	downstream		
sturgeon	4	8/21/2009	1	upstream	3 feet	
sturgeon	4	8/23/2009	2	upstream	4 feet	
sturgeon	4	8/23/2009	8	upstream	3.5 feet	
sturgeon	4	8/23/2009	16	upstream	3 feet	
sturgeon	4	8/23/2009	16	upstream	2.5 feet	
sturgeon	4	8/25/2009	10	upstream	5 feet	
sturgeon	4	8/26/2009	16	upstream	3.5 feet	
sturgeon	4	8/26/2009	16	upstream	4 feet	
sturgeon	4	8/27/2009	1	upstream	3 feet	
sturgeon	4	8/27/2009	5	upstream	2 feet	
sturgeon	4	8/27/2009	5	upstream	3 feet	
sturgeon	4	8/27/2009	10	downstream	3 feet	
sturgeon	4	8/27/2009	11	upstream	4 feet	
sturgeon	4	8/27/2009	14	upstream	3 feet	
sturgeon	4	8/28/2009	16	upstream	2.5 feet	
sturgeon	4	8/28/2009	16	upstream	3 feet	
sturgeon	4	8/29/2009	11	upstream	4 feet	
sturgeon	4	8/30/2009	5	upstream	4 feet	
sturgeon	4	8/30/2009	6	downstream	2 feet	
sturgeon	4	8/30/2009	6	upstream	5 feet	
sturgeon	4	8/31/2009	6	upstream	3 feet	
sturgeon	4	8/31/2009	13	upstream	3.5 feet	
sturgeon	4	8/31/2009	13	upstream	4 feet	
sturgeon	4	8/31/2009	15	upstream	2 feet	
sturgeon	4	9/1/2009	2	upstream	2 feet	
sturgeon	4	9/1/2009	8	upstream	6 feet	
sturgeon	4	9/2/2009	12	upstream	3.5 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	9/2/2009	16	upstream	3.5 feet	
sturgeon	4	9/3/2009	3	up and down	2 feet	
sturgeon	4	9/4/2009	1	upstream	4 feet	
sturgeon	4	9/4/2009	4	upstream	2 feet	
sturgeon	4	9/5/2009	1	upstream	3 feet	
sturgeon	4	9/6/2009	6	upstream	2 feet	
sturgeon	4	9/6/2009	8	upstream	4 feet	
sturgeon	4	9/6/2009	9	upstream	3.5 feet	
sturgeon	4	9/6/2009	14	upstream	3.5 feet	
sturgeon	4	9/7/2009	6	upstream	3 feet	
sturgeon	4	9/8/2009	7	upstream	4 feet	
sturgeon	4	9/8/2009	9	downstream		
sturgeon	4	9/9/2009	16	upstream	3 feet	
sturgeon	4	9/10/2009	1	downstream	3 feet	
sturgeon	4	9/10/2009	2	upstream	4 feet	
sturgeon	4	9/10/2009	3	upstream	4 feet	
sturgeon	4	9/10/2009	5	downstream	4 feet	
sturgeon	4	9/10/2009	6	upstream	3 feet	
sturgeon	4	9/10/2009	8	upstream	4 feet	
sturgeon	4	9/10/2009	10	upstream	2 feet	
sturgeon	4	9/10/2009	10	upstream	3 feet	
sturgeon	4	9/10/2009	15	upstream	4 feet	
sturgeon	4	9/11/2009	8	upstream	3 feet	
sturgeon	4	9/11/2009	16	upstream	4 feet	
sturgeon	4	9/12/2009	7	up and down	2 feet	This sturgeon went up and back twice this hour.
sturgeon	4	9/12/2009	8	upstream	3 feet	
sturgeon	4	9/13/2009	1	upstream	3 feet	
sturgeon	4	9/13/2009	2	upstream	3.5 feet	
sturgeon	4	9/13/2009	7	upstream	3.5 feet	
sturgeon	4	9/13/2009	16	upstream	3 feet	
sturgeon	4	9/21/2009	16	upstream	3 feet	
sturgeon	4	9/25/2009	8	upstream	3 feet	
sturgeon	4	9/25/2009	15	downstream	4 feet	
sturgeon	4	10/1/2009	14	upstream	2.5 feet	
sturgeon	4	10/13/2009	3	upstream	2 feet	
sturgeon	4	10/16/2009	14	downstream	3 feet	

Species	Cum.	Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	83	4	10/19/2009	3	upstream		
sturgeon		5	8/30/2009	16	upstream	3 feet	
sturgeon		5	8/31/2009	1	downstream	3 feet	
sturgeon		5	8/31/2009	3	upstream	3 feet	
sturgeon	4	5	9/3/2009	2	upstream	3 feet	
sturgeon		6	6/26/2009	2	upstream	4 feet	
sturgeon		6	7/9/2009	2	upstream	3 feet	
sturgeon		6	7/16/2009	3	upstream	3.5 feet	
sturgeon		6	7/26/2009	1	upstream	2.5 feet	
sturgeon		6	7/31/2009	4	upstream	3.5 feet	
sturgeon		6	7/31/2009	16	upstream	4 feet	
sturgeon		6	8/1/2009	7	upstream	3.5 feet	
sturgeon		6	8/4/2009	3	upstream	3 feet	
sturgeon		6	8/4/2009	15	upstream	3 feet	
sturgeon		6	8/5/2009	16	upstream	3 feet	
sturgeon		6	8/6/2009	4	upstream	3 feet	
sturgeon		6	8/6/2009	9	upstream	4.5 feet	
sturgeon		6	8/6/2009	11	upstream	5 feet	
sturgeon		6	8/9/2009	9	upstream	5.5 feet	
sturgeon		6	8/10/2009	1	upstream	2.5 feet	
sturgeon		6	8/10/2009	4	upstream	4 feet	
sturgeon		6	8/13/2009	4	upstream	3 feet	
sturgeon		6	8/15/2009	2	upstream	4 feet	
sturgeon		6	8/17/2009	1	upstream	3 feet	
sturgeon		6	8/17/2009	3	upstream	4 feet	
sturgeon		6	8/17/2009	7	upstream	3 feet	
sturgeon		6	8/17/2009	7	downstream	5 feet	
sturgeon		6	8/17/2009	8	upstream	4 feet	
sturgeon		6	8/17/2009	15	upstream	3.5 feet	
sturgeon		6	8/19/2009	3	upstream	3.5 feet	
sturgeon		6	8/19/2009	14	upstream	4 feet	
sturgeon		6	8/21/2009	15	upstream	3.5 feet	
sturgeon		6	8/21/2009	16	upstream	3 feet	
sturgeon		6	8/22/2009	3	upstream	5 feet	
sturgeon		6	8/23/2009	1	upstream	3.5 feet	
sturgeon		6	8/24/2009	4	upstream	3.5 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	6	8/25/2009	1	upstream	3 feet	
sturgeon	6	8/25/2009	13	upstream	3 feet	
sturgeon	6	8/27/2009	16	upstream	3 feet	
sturgeon	6	8/28/2009	9	upstream		
sturgeon	6	9/3/2009	3	upstream	4 feet	
sturgeon	6	9/4/2009	4	upstream	3 feet	
sturgeon	6	9/4/2009	7	upstream	4 feet	
sturgeon	6	9/6/2009	1	upstream	3 feet	
sturgeon	6	9/6/2009	4	upstream	4 feet	
sturgeon	6	9/7/2009	10	upstream	3.5 feet	
sturgeon	6	9/9/2009	16	upstream	3.5 feet	
sturgeon	6	9/10/2009	2	upstream	3.5 feet	
sturgeon	6	9/10/2009	16	upstream	3.5 feet	
sturgeon	6	9/11/2009	5	upstream	3 feet	
sturgeon	6	9/11/2009	11	upstream	3.5 feet	
sturgeon	6	9/12/2009	7	upstream	3.5 feet	
sturgeon	6	9/12/2009	10	upstream	3.5 feet	
sturgeon	6	9/13/2009	5	upstream	4 feet	
sturgeon	6	9/13/2009	8	upstream	3 feet	
sturgeon	6	9/15/2009	3	upstream	3 feet	
sturgeon	6	9/15/2009	3	downstream	3 feet	
sturgeon	6	9/17/2009	8	upstream	3 feet	
sturgeon	6	9/19/2009	3	upstream	3 feet	
sturgeon	6	9/20/2009	3	upstream	3 feet	
sturgeon	6	9/20/2009	13	upstream	3.5 feet	
sturgeon	6	9/21/2009	16	upstream	3 feet	
sturgeon	6	9/24/2009	16	upstream	3.5 feet	
sturgeon	6	9/27/2009	3	upstream	4 feet	
sturgeon	6	9/27/2009	16	upstream	3 feet	
sturgeon	6	9/28/2009	2	upstream	3 feet	
sturgeon	6	9/29/2009	2	upstream	3.5 feet	
sturgeon	6	10/3/2009	1	upstream	3.5 feet	
sturgeon	6	10/3/2009	1	upstream	3 feet	
sturgeon	6	10/5/2009	4	upstream	4 feet	
sturgeon	6	10/6/2009	3	upstream	3.5 feet	
sturgeon	6	10/7/2009	8	upstream	4 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon		10/10/2009	1	upstream	3 feet	
sturgeon	69	10/11/2009	6	downstream	3.5 feet	
sturgeon	1	10/6/2009	7	upstream	5 feet	
sturgeon	1	9/10/2009	9	upstream	3 feet	
w/oral tumors		6/5/2009	11	upstream		The oral tumors were on an adult chinook.
w/oral tumors	2	6/10/2009	16	upstream		The oral tumors were on an adult chinook.
w/oral tumors	1	10/4/2009	6	upstream		The oral tumors were on a steelhead.

Notes about fish counting in 2008

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles, John Day, McNary, Ice Harbor, Lower Monumental, and Little Goose fish counting was done 16 hours a day starting on 4/1 and ending on 10/31.

At Lower Granite fish counting started on 3/1 and was done 10 hours a day through the month, was done 16 hours each day from 4/1 through 10/31, and was done 10 hours a day from 11/1 through the remainder of the year.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.* Ladder	Date	Hour	Swimming Direction	Length	Comments
*cumulative sightings in each fishladder this year						
Bull trout	12	5/6/2008	14	upstream	15 inches	
Bull trout	2	7/10/2008	10	upstream	13 inches	clipped
Bull trout	13	4/25/2008	6	upstream	8 inches	
Bull trout	13	4/29/2008	12	downstream	8 inches	very skinny
Bull trout	13	5/2/2008	16	downstream	8 inches	very skinny
Bull trout	13	5/3/2008	12	downstream	8 inches	
Bull trout	13	5/4/2008	13	upstream	8 inches	
Bull trout	13	5/4/2008	14	downstream	8 inches	
Bull trout	13	5/5/2008	12	downstream	8 inches	
Bull trout	13	5/9/2008	10	upstream	8 inches	
Bull trout	13	5/9/2008	13	downstream	8 inches	
Bull trout	13	5/11/2008	10	upstream	11 inches	
Bull trout	13	5/11/2008	11	downstream	11 inches	
Bull trout	13	5/12/2008	8	upstream	11 inches	
Bull trout	13	5/12/2008	8	downstream	11 inches	
Bull trout	13	5/12/2008	10	upstream	8 inches	
Bull trout	13	5/30/2008	8	downstream	12 inches	
Bull trout	13	5/30/2008	12	upstream	12 inches	
Bull trout	13	5/30/2008	12	downstream	12 inches	
Bull trout	13	6/6/2008	6	upstream	11 inches	
Bull trout	13	6/9/2008	14	upstream	12 inches	
Bull trout	13	6/10/2008	6	upstream	9 inches	
Bull trout	13	6/11/2008	14	downstream	12 inches	
Bull trout	13	6/22/2008	9	upstream	10 inches	
Bull trout	13	6/22/2008	13	upstream	10 inches	
Bull trout	13	7/1/2008	13	upstream	8 inches	

Species	Cum.	Ladder	Date	Hour	Swimming Direction	Length	Comments
Bull trout		13	7/2/2008	11	upstream	14 inches	
Bull trout		13	7/2/2008	13	upstream	12 inches	
Bull trout	26	13	7/3/2008	12	upstream	12 inches	
Bull trout		14	5/30/2008	8	downstream	9 inches	
Bull trout		14	6/8/2008	11	upstream	14 inches	
Bull trout		14	6/11/2008	6	upstream	12 inches	
Bull trout		14	6/13/2008	8	upstream	16 inches	
Bull trout		14	6/15/2008	9	upstream	14 inches	
Bull trout		14	7/7/2008	4	in window only	22 inches	
Bull trout		14	7/8/2008	4	upstream	12 inches	
Bull trout	6	14	7/22/2008	14	upstream	13 inches	
Cutthroat trout	1	14	6/26/2008	8	upstream	24 inches	
sturgeon		1	7/17/2008	5	upstream	3.5 feet	
sturgeon		1	8/20/2008	10	upstream	3 feet	
sturgeon		1	9/12/2008	5	upstream	3.5 feet	
sturgeon		1	9/15/2008	1	downstream	3.5 feet	same sturgeon
sturgeon		1	9/15/2008	8	upstream	3.5 feet	same sturgeon
sturgeon		1	9/19/2008	3	upstream	4 feet	
sturgeon		1	9/23/2008	14	upstream	2.5 feet	
sturgeon		1	9/29/2008	15	upstream	3 feet	
sturgeon		1	10/2/2008	11	upstream	4 feet	
sturgeon		1	10/4/2008	16	upstream	3 feet	
sturgeon		1	10/5/2008	8	upstream	4 feet	same sturgeon
sturgeon		1	10/7/2008	3	downstream	4 feet	same sturgeon
sturgeon		1	10/7/2008	16	downstream	3 feet	
sturgeon		1	10/9/2008	16	upstream	3 feet	same sturgeon
sturgeon		1	10/10/2008	16	upstream	4 feet	same sturgeon
sturgeon		1	10/11/2008	2	downstream	4 feet	
sturgeon		1	10/11/2008	16	downstream	4 feet	
sturgeon		1	10/11/2008	16	upstream	3 feet	
sturgeon		1	10/12/2008	16	downstream	4 feet	same sturgeon
sturgeon		1	10/13/2008	6	upstream	3 feet	
sturgeon		1	10/15/2008	2	downstream	3 feet	
sturgeon		1	10/15/2008	9	upstream	3 feet	same sturgeon

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	1	10/15/2008	15	downstream	3 feet	same sturgeon
sturgeon	1	10/16/2008	5	upstream	3.5 feet	
sturgeon	1	10/16/2008	12	upstream	3 feet	same sturgeon
sturgeon	1	10/16/2008	15	downstream	3 feet	same sturgeon
sturgeon	1	10/22/2008	13	upstream	2.5 feet	
sturgeon	1	10/22/2008	16	upstream	3.5 feet	
sturgeon	1	10/24/2008	5	upstream	3.5 feet	same sturgeon
sturgeon	1	10/29/2008	3	upstream	3 feet	
sturgeon	1	11/2/2008	2	downstream	3.5 feet	
sturgeon	1	11/5/2008	6	upstream	4 feet	
sturgeon	1	11/12/2008	1	upstream	5 feet	
sturgeon	1	11/16/2008	3	upstream	4 feet	
sturgeon	1	11/16/2008	3	downstream	5 feet	
sturgeon	1	11/16/2008	12	upstream	4.5 feet	
sturgeon	1	11/22/2008	9	upstream	5.5 feet	
sturgeon	38	11/22/2008	16	downstream	5.5 feet	
sturgeon	2	8/19/2008	8	upstream	2.75 feet	
sturgeon	2	9/20/2008	7	upstream	4 feet	
sturgeon	2	9/21/2008	16	downstream	3 feet	
sturgeon	2	10/4/2008	15	upstream	4 feet	
sturgeon	2	10/16/2008	8	upstream	3 feet	
sturgeon	2	10/17/2008	5	upstream	4 feet	
sturgeon	2	10/18/2008	7	upstream	4 feet	
sturgeon	2	10/18/2008	11	upstream	4 feet	
sturgeon	2	10/23/2008	7	upstream	4 feet	
sturgeon	10	11/27/2008	16	downstream	4 feet	
sturgeon	3	5/29/2008	4	upstream	6 feet	
sturgeon	3	6/4/2008	16	upstream	7 feet	
sturgeon	3	6/12/2008	1	upstream	4.5 feet	
sturgeon	3	6/28/2008	1	upstream	3 feet	
sturgeon	3	6/30/2008	4	upstream	6 feet	
sturgeon	3	7/3/2008	16	upstream	3 feet	
sturgeon	3	7/3/2008	16	upstream	5 feet	
sturgeon	3	7/4/2008	16	upstream	5 feet	
sturgeon	3	7/9/2008	16	upstream	4 feet	
sturgeon	3	7/9/2008	16	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3	7/10/2008	8	upstream	4 feet	
sturgeon	3	7/12/2008	1	upstream	8 feet	
sturgeon	3	7/12/2008	2	upstream	3 feet	
sturgeon	3	7/12/2008	6	upstream	3 feet	
sturgeon	3	7/12/2008	15	upstream	3 feet	
sturgeon	3	7/13/2008	8	upstream	5 feet	
sturgeon	3	7/14/2008	14	upstream	4 feet	
sturgeon	3	7/15/2008	8	upstream	3 feet	
sturgeon	3	7/15/2008	9	upstream	3 feet	
sturgeon	3	7/15/2008	11	upstream	6 feet	
sturgeon	3	7/16/2008	2	upstream	2 feet	
sturgeon	3	7/17/2008	15	upstream	4.5 feet	
sturgeon	3	7/17/2008	15	upstream	3.5 feet	
sturgeon	3	7/17/2008	16	upstream	2 feet	
sturgeon	3	7/18/2008	8	upstream	4 feet	
sturgeon	3	7/21/2008	1	upstream	2 feet	
sturgeon	3	7/21/2008	4	upstream	4 feet	
sturgeon	3	7/21/2008	8	upstream	2.5 feet	
sturgeon	3	7/21/2008	13	upstream	4 feet	
sturgeon	3	7/21/2008	15	upstream	2.5 feet	
sturgeon	3	7/23/2008	6	upstream	3 feet	
sturgeon	3	7/25/2008	16	upstream	6 feet	
sturgeon	3	7/26/2008	6	upstream	3 feet	
sturgeon	3	7/26/2008	7	upstream	2.5 feet	
sturgeon	3	7/26/2008	9	upstream	3 feet	
sturgeon	3	7/27/2008	16	upstream	3 feet	
sturgeon	3	7/28/2008	8	upstream	4 feet	
sturgeon	3	7/28/2008	8	upstream	2.5 feet	
sturgeon	3	7/28/2008	8	upstream	3 feet	
sturgeon	3	7/28/2008	8	upstream	4 feet	
sturgeon	3	7/28/2008	13	upstream	3 feet	
sturgeon	3	7/30/2008	4	upstream	3 feet	
sturgeon	3	7/30/2008	6	upstream	6 feet	
sturgeon	3	7/31/2008	14	upstream	2.5 feet	
sturgeon	3	8/1/2008	8	upstream	3 feet	
sturgeon	3	8/1/2008	16	upstream	4 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	3	8/5/2008	8	upstream	3 feet	
sturgeon	3	8/5/2008	16	upstream	3.5 feet	
sturgeon	3	8/6/2008	5	upstream	3 feet	
sturgeon	3	8/9/2008	16	upstream	2 feet	
sturgeon	3	8/13/2008	16	upstream	3 feet	
sturgeon	3	8/15/2008	16	upstream	3 feet	
sturgeon	3	8/15/2008	16	upstream	4 feet	
sturgeon	3	8/19/2008	3	upstream	3 feet	
sturgeon	3	8/21/2008	12	upstream	6 feet	
sturgeon	3	8/21/2008	16	upstream	3 feet	
sturgeon	3	8/25/2008	13	upstream	3.5 feet	
sturgeon	3	8/25/2008	15	upstream	3 feet	
sturgeon	3	8/28/2008	2	upstream	2 feet	
sturgeon	3	8/28/2008	6	upstream	3.5 feet	
sturgeon	3	9/1/2008	4	upstream	6.5 feet	
sturgeon	3	9/2/2008	1	upstream	4 feet	
sturgeon	3	9/2/2008	15	upstream	3 feet	
sturgeon	3	9/4/2008	16	upstream	3 feet	
sturgeon	3	9/11/2008	14	upstream	4 feet	
sturgeon	3	9/15/2008	10	upstream	5 feet	
sturgeon	3	9/17/2008	6	upstream	6 feet	
sturgeon	3	9/19/2008	1	upstream	3 feet	
sturgeon	3	9/21/2008	1	upstream	7 feet	
sturgeon	70	3	9/30/2008	1	upstream	3.33 feet
sturgeon	4	7/17/2008	16	upstream		
sturgeon	4	7/29/2008	5	upstream	2.5 feet	
sturgeon	4	7/29/2008	8	upstream	6 feet	
sturgeon	4	7/29/2008	15	upstream	4 feet	
sturgeon	4	8/11/2008	12	upstream	4 feet	
sturgeon	4	8/12/2008	8	downstream	3 feet	
sturgeon	4	8/13/2008	16	upstream	4 feet	
sturgeon	4	8/22/2008	7	upstream	5 feet	
sturgeon	4	8/23/2008	12	upstream	3.5 feet	
sturgeon	4	8/25/2008	8	upstream	3 feet	
sturgeon	4	8/26/2008	15	upstream	3 feet	
sturgeon	4	8/29/2008	12	upstream	4 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	4	8/31/2008	3	upstream	3 feet	
sturgeon	4	9/1/2008	16	upstream	4 feet	
sturgeon	4	9/3/2008	15	upstream	3 feet	
sturgeon	4	9/3/2008	15	upstream	3 feet	
sturgeon	4	9/5/2008	7	upstream	4 feet	
sturgeon	4	9/7/2008	16	upstream	4 feet	
sturgeon	4	9/8/2008	2	upstream	3.5 feet	
sturgeon	4	9/8/2008	6	downstream	3 feet	
sturgeon	4	9/8/2008	6	upstream	2.5 feet	
sturgeon	4	9/8/2008	7	upstream	3 feet	
sturgeon	4	9/9/2008	16	upstream	3 feet	
sturgeon	4	9/9/2008	16	upstream	3 feet	
sturgeon	4	9/10/2008	1	upstream	3 feet	
sturgeon	4	9/10/2008	10	upstream	3 feet	
sturgeon	4	9/15/2008	16	upstream	3 feet	
sturgeon	4	9/16/2008	7	upstream	3 feet	
sturgeon	4	9/16/2008	16	upstream	4 feet	
sturgeon	4	9/17/2008	16	upstream	3 feet	
sturgeon	4	9/19/2008	8	upstream	3 feet	
sturgeon	4	9/21/2008	1	downstream	3 feet	
sturgeon	4	9/23/2008	1	downstream	3 feet	
sturgeon	4	9/26/2008	16	upstream	4 feet	
sturgeon	4	9/28/2008	11	downstream	3 feet	
sturgeon	4	9/28/2008	15	upstream	3 feet	
sturgeon	4	10/2/2008	16	upstream	3 feet	
sturgeon	38	4	10/13/2008	1	upstream	2.5 feet
sturgeon	5	7/28/2008	16	upstream	2.5 feet	
sturgeon	5	8/9/2008	14	downstream	2 feet	
sturgeon	3	5	10/7/2008	8	upstream	1 feet
sturgeon	6	7/3/2008	5	upstream	4 feet	
sturgeon	6	7/8/2008	16	upstream	4 feet	
sturgeon	6	7/31/2008	12	upstream	3.5 feet	
sturgeon	6	8/1/2008	8	upstream	3 feet	
sturgeon	6	8/2/2008	15	upstream	3.5 feet	
sturgeon	6	8/4/2008	15	upstream	2.5 feet	
sturgeon	6	8/6/2008	13	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon	6	8/7/2008	3	upstream	3 feet	
sturgeon	6	8/7/2008	14	upstream	4 feet	
sturgeon	6	8/8/2008	8	upstream	3 feet	
sturgeon	6	8/8/2008	14	upstream	3 feet	
sturgeon	6	8/9/2008	3	upstream	3.5 feet	
sturgeon	6	8/12/2008	8	upstream	3 feet	
sturgeon	6	8/13/2008	1	upstream	4 feet	
sturgeon	6	8/13/2008	10	upstream	3 feet	
sturgeon	6	8/17/2008	1	upstream	3.5 feet	
sturgeon	6	8/26/2008	9	upstream	3 feet	
sturgeon	6	8/28/2008	10	upstream	3 feet	
sturgeon	6	8/30/2008	6	upstream	3 feet	
sturgeon	6	8/31/2008	16	upstream	3 feet	
sturgeon	6	9/1/2008	3	upstream	3 feet	
sturgeon	6	9/1/2008	16	upstream	2.5 feet	
sturgeon	6	9/2/2008	3	upstream	4 feet	
sturgeon	6	9/3/2008	6	upstream	2.5 feet	
sturgeon	6	9/5/2008	16	upstream	3.5 feet	
sturgeon	6	9/6/2008	2	upstream	4 feet	
sturgeon	6	9/6/2008	4	upstream	3 feet	
sturgeon	6	9/6/2008	16	upstream	4 feet	
sturgeon	6	9/7/2008	16	upstream	2.5 feet	
sturgeon	6	9/8/2008	2	upstream	3 feet	
sturgeon	6	9/9/2008	9	upstream	2.5 feet	
sturgeon	6	9/13/2008	15	upstream	4 feet	
sturgeon	6	9/14/2008	16	downstream	4 feet	
sturgeon	6	9/15/2008	15	upstream	3 feet	
sturgeon	6	9/16/2008	15	upstream	3.5 feet	
sturgeon	6	9/18/2008	15	upstream	3 feet	
sturgeon	6	9/19/2008	3	upstream	2.5 feet	
sturgeon	6	9/20/2008	12	upstream	3.5 feet	
sturgeon	6	9/24/2008	1	upstream	2.75 feet	
sturgeon	6	9/24/2008	16	upstream	3 feet	
sturgeon	6	9/25/2008	16	upstream	4 feet	
sturgeon	6	9/26/2008	15	upstream	4 feet	
sturgeon	6	9/28/2008	14	upstream	3 feet	

Species	Cum.	Ladder	Date	Hour	Swimming Direction	Length	Comments
sturgeon		6	9/29/2008	16	upstream	4 feet	
sturgeon		6	9/30/2008	10	upstream	4 feet	
sturgeon		6	10/3/2008	1	upstream	3 feet	
sturgeon		6	10/5/2008	16	upstream	2 feet	
sturgeon		6	10/8/2008	15	upstream	5 feet	
sturgeon		6	10/8/2008	15	downstream	5 feet	
sturgeon		6	10/8/2008	16	downstream	3.5 feet	
sturgeon		6	10/9/2008	16	upstream	3 feet	
sturgeon	52	6	10/31/2008	3	upstream	3.5 feet	
sturgeon	1	9	5/19/2008	16	upstream	6.5 feet	
w/ oral tumors		1	5/9/2008	6	upstream		The oral tumors were on an adult chinook.
w/ oral tumors		1	5/10/2008	2	upstream		The oral tumors were on an adult chinook.
w/ oral tumors		1	6/23/2008	6	upstream		The oral tumors were on an adult chinook.
w/ oral tumors		1	6/23/2008	8	upstream		The oral tumors were on an adult chinook.
w/ oral tumors		1	8/30/2008	4	upstream		The oral tumors were on an adult chinook.
w/ oral tumors	6	1	9/12/2008	2	upstream		The oral tumors were on an adult chinook.
w/ oral tumors	1	3	5/23/2008	8	upstream		The oral tumors were on an adult chinook.
w/ oral tumors	1	5	5/22/2008	8	upstream		The oral tumors were on an adult chinook.
w/ oral tumors		13	5/11/2008	7	upstream		The oral tumors were on an adult chinook.
w/ oral tumors	2	13	5/20/2008	10	upstream		The oral tumors were on an adult chinook.
w/ oral tumors	1	14	5/17/2008	3	upstream		The oral tumors were on an adult chinook.

Notes about fish counting in 2007

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles fish counting started on 2/20 and was done 16 hours a day through 12/7.

At John Day fish counting started on 2/20 and was done 16 hours a day through 12/7.

At McNary fish counting started on 3/5 and was done 16 hours a day through 12/31.

At Ice Harbor fish counting started on 3/1, was done 10 hours a day through the month, and was done 16 hours each day from 4/1 through 10/31.

At Lower Monumental, and Little Goose fish counting was done 16 hours a day starting on 4/1 and ending on 10/31.

At Lower Granite fish counting started on 3/1 and was done 10 hours a day through the month, was done 16 hours each day from 4/1 through 10/31, and was done 10 hours a day from 11/1 through 12/15.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.* Ladder	Date	Hour	Swimming Direction	Length
*cumulative sightings in each fishladder this year					
Bull trout	7	4/26/2007	1	upstream	14 inches
Bull trout	2 7	6/18/2007	2	upstream	14 inches
Bull trout	12	4/23/2007	13	upstream	8 inches
Bull trout	12	6/15/2007	16	upstream	18 inches
Bull trout	12	6/18/2007	4	upstream	14 inches
Bull trout	4 12	7/1/2007	8	in window only	
Bull trout	13	5/3/2007	8	downstream	14 inches
Bull trout	13	5/11/2007	14	upstream	16 inches
Bull trout	13	5/16/2007	15	upstream	12 inches
Bull trout	13	5/19/2007	6	upstream	14 inches
Bull trout	13	6/4/2007	12	upstream	12 inches
Bull trout	6 13	6/12/2007	7	upstream	14 inches
Bull trout	14	4/4/2007	10	upstream	11 inches
Bull trout	14	4/10/2007	10	upstream	11 inches
Bull trout	14	4/21/2007	11	upstream	12 inches
Bull trout	14	5/19/2007	10	upstream	12 inches
Bull trout	14	6/10/2007	8	upstream	12 inches
Bull trout	14	6/13/2007	6	upstream	12 inches
Bull trout	14	6/18/2007	2	upstream	11 inches
Bull trout	8 14	6/26/2007	4	upstream	11 inches
sturgeon	1	7/19/2007	8	upstream	5 feet
sturgeon	1	9/5/2007	2	upstream	3 feet

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length
sturgeon	1	9/24/2007	10	upstream	3 feet
sturgeon	1	9/29/2007	16	upstream	3 feet
sturgeon	1	10/1/2007	1	upstream	2.5 feet
sturgeon	1	10/3/2007	8	upstream	3 feet
sturgeon	1	10/3/2007	16	upstream	3 feet
sturgeon	1	10/5/2007	16	upstream	4 feet
sturgeon	1	10/6/2007	16	upstream	4 feet
sturgeon	1	10/7/2007	16	upstream	4 feet
sturgeon	1	10/7/2007	16	upstream	5 feet
sturgeon	1	10/8/2007	16	upstream	4 feet
sturgeon	1	10/12/2007	4	upstream	4 feet
sturgeon	1	10/12/2007	5	upstream	3 feet
sturgeon	1	10/12/2007	14	downstream	4 feet
sturgeon	1	10/12/2007	16	downstream	3 feet
sturgeon	1	10/18/2007	16	upstream	4.5 feet
sturgeon	1	10/25/2007	11	upstream	4.5 feet
sturgeon	1	10/26/2007	8	upstream	3 feet
sturgeon	1	10/28/2007	16	upstream	5 feet
sturgeon	1	10/31/2007	6	upstream	5 feet
sturgeon	1	10/31/2007	11	upstream	3 feet
sturgeon	1	10/31/2007	11	upstream	4.5 feet
sturgeon	1	11/2/2007	3	downstream	4.5 feet
sturgeon	1	11/2/2007	5	upstream	3.5 feet
sturgeon	1	11/3/2007	9	upstream	3.5 feet
sturgeon	1	11/3/2007	16	downstream	3.5 feet
sturgeon	1	11/4/2007	2	upstream	3.5 feet
sturgeon	1	11/4/2007	2	downstream	3.5 feet
sturgeon	1	11/4/2007	11	upstream	3.5 feet
sturgeon	1	11/4/2007	11	upstream	3 feet
sturgeon	1	11/5/2007	2	downstream	3 feet
sturgeon	1	11/5/2007	3	upstream	3 feet
sturgeon	1	11/6/2007	7	upstream	3 feet
sturgeon	1	11/8/2007	14	upstream	3 feet
sturgeon	1	11/8/2007	14	upstream	3 feet
sturgeon	1	11/8/2007	14	upstream	3 feet
sturgeon	1	11/8/2007	16	upstream	4 feet

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	
sturgeon	1	11/8/2007	16	downstream	4 feet	
sturgeon	1	11/9/2007	1	downstream	3 feet	
sturgeon	1	11/9/2007	1	upstream	3 feet	
sturgeon	1	11/9/2007	2	downstream	4 feet	
sturgeon	1	11/10/2007	7	upstream	3.5 feet	
sturgeon	1	11/10/2007	14	upstream	3 feet	
sturgeon	1	11/13/2007	2	upstream	4.5 feet	
sturgeon	1	11/13/2007	10	upstream	3.5 feet	
sturgeon	1	11/16/2007	2	upstream	4.5 feet	
sturgeon	1	11/16/2007	2	downstream	4.5 feet	
sturgeon	1	11/19/2007	3	downstream	3.5 feet	
sturgeon	1	11/19/2007	4	upstream	3.5 feet	
sturgeon	1	11/19/2007	14	downstream	3.5 feet	
sturgeon	1	11/20/2007	5	upstream	3.5 feet	
sturgeon	51	1	11/20/2007	15	upstream	3 feet
sturgeon	2	6/22/2007	11	upstream	4 feet	
sturgeon	2	6/24/2007	11	upstream	3 feet	
sturgeon	2	6/27/2007	16	upstream	3 feet	
sturgeon	2	7/1/2007	8	upstream	3.5 feet	
sturgeon	2	7/17/2007	16	upstream	4.5 feet	
sturgeon	2	8/4/2007	5	upstream	3.5 feet	
sturgeon	2	8/6/2007	14	upstream	3.5 feet	
sturgeon	2	8/19/2007	16	upstream	3.5 feet	
sturgeon	2	8/26/2007	14	upstream	2.5 feet	
sturgeon	2	9/15/2007	16	upstream	3 feet	
sturgeon	2	9/18/2007	16	downstream	3 feet	
sturgeon	2	9/20/2007	16	upstream	3 feet	
sturgeon	2	9/28/2007	13	upstream	2 feet	
sturgeon	2	10/9/2007		upstream	3 feet	
sturgeon	2	10/10/2007		downstream	3 feet	
sturgeon	2	10/11/2007		upstream	2.5 feet	
sturgeon	2	10/16/2007		upstream	3 feet	
sturgeon	2	10/19/2007		upstream	2.5 feet	
sturgeon	2	10/22/2007		downstream	2.5 feet	
sturgeon	2	10/23/2007		upstream	3 feet	
sturgeon	21	2	10/25/2007	15	upstream	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length
sturgeon	3	5/21/2007	10	upstream	6 feet
sturgeon	3	5/23/2007	16	upstream	4 feet
sturgeon	3	5/24/2007	16	upstream	4 feet
sturgeon	3	5/27/2007	16	upstream	7.5 feet
sturgeon	3	5/31/2007	5	upstream	6 feet
sturgeon	3	6/10/2007	8	upstream	
sturgeon	3	6/10/2007	8	upstream	
sturgeon	3	6/10/2007	14	upstream	5 feet
sturgeon	3	6/12/2007	14	upstream	5 feet
sturgeon	3	6/13/2007	16	upstream	6 feet
sturgeon	3	6/15/2007	2	upstream	5 feet
sturgeon	3	6/18/2007	5	upstream	6 feet
sturgeon	3	6/21/2007	3	upstream	6 feet
sturgeon	3	6/22/2007	8	upstream	7 feet
sturgeon	3	6/28/2007	11	upstream	3 feet
sturgeon	3	7/1/2007	16	upstream	
sturgeon	3	7/3/2007	16	upstream	3 feet
sturgeon	3	7/3/2007	16	upstream	5 feet
sturgeon	3	7/6/2007	5	upstream	6 feet
sturgeon	3	7/6/2007	16	downstream	6 feet
sturgeon	3	7/11/2007	8	upstream	2 feet
sturgeon	3	7/11/2007	8	upstream	3 feet
sturgeon	3	7/11/2007	8	upstream	5 feet
sturgeon	3	7/12/2007	1	upstream	2.5 feet
sturgeon	3	7/12/2007	8	upstream	3 feet
sturgeon	3	7/17/2007	8	upstream	4 feet
sturgeon	3	7/17/2007	8	upstream	6.5 feet
sturgeon	3	7/17/2007	16	upstream	3.5 feet
sturgeon	3	7/18/2007	9	upstream	3.5 feet
sturgeon	3	7/18/2007	15	upstream	5.5 feet
sturgeon	3	7/18/2007	16	upstream	3 feet
sturgeon	3	7/19/2007	8	upstream	3.5 feet
sturgeon	3	7/20/2007	8	upstream	3 feet
sturgeon	3	7/21/2007	16	upstream	6 feet
sturgeon	3	7/27/2007	2	upstream	2.5 feet
sturgeon	3	7/28/2007	8	upstream	2.5 feet

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	
sturgeon	3	7/30/2007	1	upstream	5.5 feet	
sturgeon	3	7/30/2007	16	upstream	4 feet	
sturgeon	3	8/1/2007	8	upstream	6.5 feet	
sturgeon	3	8/1/2007	8	upstream	4 feet	
sturgeon	3	8/1/2007	16	upstream	6 feet	
sturgeon	3	8/1/2007	18	upstream	3 feet	
sturgeon	3	8/2/2007	6	upstream	4 feet	
sturgeon	3	8/7/2007	16	upstream	4 feet	
sturgeon	3	8/9/2007	16	upstream	3 feet	
sturgeon	3	8/10/2007	8	upstream	5 feet	
sturgeon	3	8/13/2007	16	upstream	3 feet	
sturgeon	3	8/13/2007	16	upstream	7 feet	
sturgeon	3	8/16/2007	6	upstream	3 feet	
sturgeon	3	8/17/2007	9	upstream	3 feet	
sturgeon	3	8/19/2007	16	upstream	5 feet	
sturgeon	3	8/20/2007	16	upstream	3 feet	
sturgeon	3	8/24/2007	1	upstream	2 feet	
sturgeon	3	8/29/2007	11	upstream	3 feet	
sturgeon	3	8/29/2007	15	upstream	4 feet	
sturgeon	3	9/5/2007	16	upstream	2.5 feet	
sturgeon	3	9/9/2007	4	upstream	6.5 feet	
sturgeon	3	9/9/2007	16	upstream	5 feet	
sturgeon	3	9/9/2007	16	upstream	3 feet	
sturgeon	3	9/10/2007	16	upstream	3 feet	
sturgeon	3	9/12/2007	8	upstream	2 feet	
sturgeon	3	9/17/2007	8	upstream	6.5 feet	
sturgeon	3	9/21/2007	16	upstream	7 feet	
sturgeon	63	3	9/23/2007	15	upstream	7 feet
sturgeon	4	7/23/2007	16	upstream	4 feet	
sturgeon	4	7/24/2007	16	upstream	2.5 feet	
sturgeon	4	8/5/2007	15	upstream	5 feet	
sturgeon	4	8/26/2007	16	downstream	3 feet	
sturgeon	4	8/29/2007	5	upstream	4 feet	
sturgeon	4	9/3/2007	16	upstream	2 feet	
sturgeon	4	9/13/2007	8	upstream	2.5 feet	
sturgeon	4	9/14/2007	4	upstream	3 feet	

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	
sturgeon	9	4	9/14/2007	16	upstream	4 feet
sturgeon		5	7/15/2007	4	upstream	2 feet
sturgeon		5	7/17/2007	13	upstream	3 feet
sturgeon		5	7/17/2007	16	upstream	
sturgeon		5	7/22/2007	13	upstream	4.5 feet
sturgeon		5	7/22/2007	16	upstream	3 feet
sturgeon		5	8/9/2007	13	upstream	3.5 feet
sturgeon		5	8/11/2007	14	upstream	3.5 feet
sturgeon		5	8/12/2007	11	upstream	3 feet
sturgeon		5	8/14/2007	2	upstream	
sturgeon		5	8/17/2007	1	upstream	3.5 feet
sturgeon		5	8/18/2007	1	upstream	2.5 feet
sturgeon		5	9/3/2007	14	downstream	2 feet
sturgeon		5	9/4/2007	1	upstream	1.5 feet
sturgeon		5	9/4/2007	4	upstream	2 feet
sturgeon		5	9/4/2007	7	upstream	2 feet
sturgeon		5	9/4/2007	12	upstream	2 feet
sturgeon		5	9/17/2007	3	upstream	3 feet
sturgeon		5	9/22/2007	15	downstream	3 feet
sturgeon		5	9/28/2007	2	upstream	3 feet
sturgeon		5	10/1/2007	16	upstream	2 feet
sturgeon	21	5	10/14/2007	8	upstream	3 feet
sturgeon		6	7/10/2007	11	upstream	
sturgeon		6	7/11/2007	4	upstream	3.5 feet
sturgeon		6	7/11/2007	7	upstream	3 feet
sturgeon		6	7/12/2007	5	upstream	3 feet
sturgeon		6	7/13/2007	8	upstream	3 feet
sturgeon		6	7/16/2007	3	upstream	4.5 feet
sturgeon		6	7/17/2007	3	upstream	4 feet
sturgeon		6	7/18/2007	8	upstream	4 feet
sturgeon		6	7/18/2007	8	upstream	3 feet
sturgeon		6	7/18/2007	16	upstream	4 feet
sturgeon		6	7/19/2007	8	upstream	3 feet
sturgeon		6	7/21/2007	2	upstream	
sturgeon		6	7/23/2007	15	upstream	3 feet
sturgeon		6	7/23/2007	16	downstream	3 feet

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length
sturgeon	6	7/24/2007	16	upstream	3 feet
sturgeon	6	7/25/2007	16	upstream	3.5 feet
sturgeon	6	7/26/2007	15	upstream	2.5 feet
sturgeon	6	7/27/2007	5	upstream	4 feet
sturgeon	6	7/30/2007	14	upstream	2.5 feet
sturgeon	6	7/30/2007	16	upstream	4 feet
sturgeon	6	7/31/2007	8	upstream	3 feet
sturgeon	6	7/31/2007	16	upstream	
sturgeon	6	8/1/2007	1	upstream	
sturgeon	6	8/2/2007	6	upstream	4 feet
sturgeon	6	8/3/2007	7	upstream	2 feet
sturgeon	6	8/4/2007	8	upstream	3 feet
sturgeon	6	8/8/2007	1	upstream	3 feet
sturgeon	6	8/8/2007	7	upstream	3.5 feet
sturgeon	6	8/8/2007	16	upstream	3 feet
sturgeon	6	8/9/2007	1	upstream	4 feet
sturgeon	6	8/9/2007	13	upstream	4.5 feet
sturgeon	6	8/14/2007	15	upstream	2.5 feet
sturgeon	6	8/15/2007	4	upstream	
sturgeon	6	8/16/2007	14	upstream	4.5 feet
sturgeon	6	8/18/2007	16	upstream	3 feet
sturgeon	6	8/20/2007	15	upstream	3 feet
sturgeon	6	8/22/2007	5	upstream	3.5 feet
sturgeon	6	8/23/2007	1	upstream	3 feet
sturgeon	6	8/23/2007	15	upstream	
sturgeon	6	8/27/2007	4	upstream	3 feet
sturgeon	6	8/28/2007	8	upstream	2 feet
sturgeon	6	8/30/2007	5	upstream	3 feet
sturgeon	6	8/30/2007	5	upstream	4 feet
sturgeon	6	8/31/2007	16	upstream	4 feet
sturgeon	6	9/2/2007	16	upstream	3 feet
sturgeon	6	9/7/2007	1	upstream	3 feet
sturgeon	6	9/7/2007	16	upstream	2.5 feet
sturgeon	6	9/13/2007	13	upstream	4 feet
sturgeon	6	9/13/2007	13	upstream	2.5 feet
sturgeon	6	9/17/2007	16	upstream	3 feet

Species	Cum. Ladder	Date	Hour	Swimming Direction	Length	
sturgeon	6	9/18/2007	15	upstream	2.5 feet	
sturgeon	6	9/22/2007	16	upstream	2.5 feet	
sturgeon	6	9/28/2007	16	upstream	4 feet	
sturgeon	6	10/19/2007	16	upstream	3 feet	
sturgeon	55	6	10/19/2007	16	upstream	2 feet
sturgeon	1	7	7/30/2007	14	upstream	4.5 feet
sturgeon	9	7/7/2007	16	upstream	7 feet	
sturgeon	9	7/8/2007	1	upstream	6.5 feet	
sturgeon	3	9	9/20/2007	12	upstream	4 feet
sturgeon	1	13	7/18/2007	15	upstream	5 feet
w/ oral tumors	1	4/23/2007	16	upstream		The oral tumors were on an adult chinook.
w/ oral tumors	2	1	6/23/2007	16	upstream	
w/ oral tumors	1	2	7/2/2007	8	upstream	The oral tumors were on a clipped adult chinook.
w/ oral tumors	1	4	6/17/2007	16	upstream	The oral tumors were on an adult chinook.
w/ oral tumors	1	14	7/2/2007	9	upstream	The oral tumors were on a clipped adult chinook.

Notes about fish counting in 2006

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles fish counting started on 2/20 and was done 16 hours a day through 12/5.

At John Day fish counting started on 2/20 and was done 16 hours a day through 12/5.

At McNary fish counting started on 3/1 and was done 16 hours a day through 12/19.

At Ice Harbor fish counting started on 3/1, was done 10 hours a day through the month, and was done 16 hours each day from 4/1 through 10/31.

At Lower Monumental, and Little Goose fish counting was done 16 hours a day starting on 4/1 and ending on 10/31.

At Lower Granite fish counting started on 3/1 and was done 10 hours a day through the month, was done 16 hours each day from 4/1 through 10/31, and was done 10 hours a day from 11/1 through 12/15.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.*	Ladder	Date	Swimming Direction	Length
*cumulative sightings in each fishladder this year					
Bull trout	1	5	6/12/2006	upstream	12 inches
Bull trout		12	9/3/2006	upstream	19 inches
Bull trout	2	12	9/3/2006	upstream	20 inches
Bull trout		13	4/30/2006	upstream	10 inches
Bull trout		13	6/23/2006	upstream	
Bull trout	3	13	6/29/2006	upstream	14 inches
Bull trout		14	6/29/2006	upstream	12 inches
Bull trout	2	14	7/13/2006	upstream	11 inches
Grass carp	1	1	6/26/2006	upstream	3 feet
Grass carp	1	2	9/4/2006	upstream	3 feet
Grass carp	1	3	9/28/2006	upstream	
sturgeon		1	6/25/2006	upstream	3.5 feet
sturgeon		1	7/5/2006	upstream	1.5 feet
sturgeon		1	8/6/2006	upstream	4 feet
sturgeon		1	8/8/2006	upstream	2.5 feet
sturgeon		1	8/16/2006	upstream	
sturgeon		1	9/30/2006	upstream	4 feet
sturgeon		1	10/1/2006	upstream	4 feet
sturgeon		1	10/5/2006	upstream	4 feet
sturgeon	9	1	10/12/2006	upstream	
sturgeon		2	4/17/2006	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/5/2006	upstream	
sturgeon	3	7/5/2006	upstream	
sturgeon	3	7/5/2006	upstream	
sturgeon	3	7/5/2006	upstream	
sturgeon	3	7/5/2006	upstream	
sturgeon	3	7/7/2006	upstream	
sturgeon	3	7/9/2006	upstream	
sturgeon	3	7/12/2006	upstream	
sturgeon	3	7/12/2006	upstream	
sturgeon	3	7/14/2006	upstream	
sturgeon	3	7/14/2006	upstream	
sturgeon	3	7/14/2006	upstream	
sturgeon	3	7/15/2006	upstream	
sturgeon	3	7/15/2006	upstream	
sturgeon	3	7/15/2006	upstream	
sturgeon	3	7/16/2006	upstream	
sturgeon	3	7/16/2006	upstream	
sturgeon	3	7/17/2006	upstream	
sturgeon	3	7/22/2006	upstream	
sturgeon	3	7/22/2006	upstream	
sturgeon	3	7/23/2006	upstream	
sturgeon	3	7/24/2006	upstream	
sturgeon	3	7/25/2006	upstream	
sturgeon	3	7/25/2006	upstream	
sturgeon	3	7/25/2006	upstream	
sturgeon	3	7/26/2006	upstream	
sturgeon	3	7/26/2006	upstream	
sturgeon	3	7/26/2006	upstream	
sturgeon	3	7/30/2006	upstream	
sturgeon	3	7/31/2006	upstream	
sturgeon	3	8/1/2006	upstream	
sturgeon	3	8/3/2006	upstream	
sturgeon	3	8/3/2006	upstream	
sturgeon	3	8/6/2006	upstream	
sturgeon	3	8/7/2006	upstream	
sturgeon	3	8/7/2006	upstream	

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/7/2006	upstream	
sturgeon	3	8/8/2006	upstream	
sturgeon	3	8/10/2006	upstream	
sturgeon	3	8/10/2006	upstream	
sturgeon	3	8/10/2006	upstream	
sturgeon	3	8/10/2006	upstream	
sturgeon	3	8/13/2006	upstream	
sturgeon	3	8/14/2006	upstream	
sturgeon	3	8/14/2006	upstream	
sturgeon	3	8/14/2006	upstream	
sturgeon	3	8/14/2006	upstream	
sturgeon	3	8/15/2006	upstream	
sturgeon	3	8/15/2006	upstream	
sturgeon	3	8/15/2006	upstream	
sturgeon	3	8/15/2006	upstream	
sturgeon	3	8/16/2006	upstream	
sturgeon	3	8/16/2006	upstream	
sturgeon	3	8/18/2006	upstream	
sturgeon	3	8/18/2006	upstream	
sturgeon	3	8/21/2006	upstream	
sturgeon	3	8/21/2006	upstream	
sturgeon	3	8/21/2006	upstream	
sturgeon	3	8/22/2006	upstream	
sturgeon	3	8/22/2006	upstream	
sturgeon	3	8/23/2006	upstream	
sturgeon	3	8/23/2006	upstream	
sturgeon	3	8/24/2006	upstream	
sturgeon	3	8/25/2006	upstream	
sturgeon	3	8/26/2006	upstream	
sturgeon	3	8/31/2006	upstream	
sturgeon	3	8/31/2006	upstream	
sturgeon	3	9/2/2006	upstream	6 feet
sturgeon	3	9/2/2006	upstream	
sturgeon	3	9/3/2006	upstream	
sturgeon	3	9/3/2006	upstream	
sturgeon	3	9/6/2006	upstream	

Species	Cum.	Ladder	Date	Swimming Direction	Length
sturgeon		3	9/7/2006	upstream	
sturgeon		3	9/7/2006	upstream	
sturgeon		3	9/7/2006	upstream	
sturgeon		3	9/8/2006	upstream	
sturgeon		3	9/8/2006	upstream	
sturgeon		3	9/10/2006	upstream	
sturgeon		3	9/11/2006	upstream	
sturgeon		3	9/14/2006	upstream	
sturgeon		3	9/14/2006	upstream	
sturgeon		3	9/19/2006	upstream	
sturgeon		3	9/22/2006	upstream	
sturgeon		3	9/26/2006	upstream	
sturgeon	107	3	10/5/2006	upstream	
sturgeon		4	4/5/2006	upstream	
sturgeon		4	8/12/2006	upstream	
sturgeon		4	8/15/2006	upstream	
sturgeon		4	8/15/2006	upstream	
sturgeon		4	8/16/2006	upstream	
sturgeon		4	8/16/2006	upstream	
sturgeon		4	8/20/2006	upstream	
sturgeon		4	8/20/2006	upstream	
sturgeon		4	8/22/2006	upstream	
sturgeon		4	8/23/2006	upstream	
sturgeon		4	8/24/2006	upstream	
sturgeon		4	8/25/2006	upstream	
sturgeon		4	8/27/2006	upstream	
sturgeon		4	8/28/2006	upstream	
sturgeon		4	8/29/2006	upstream	
sturgeon		4	8/30/2006	upstream	
sturgeon		4	8/30/2006	upstream	
sturgeon		4	9/21/2006	upstream	
sturgeon	19	4	9/27/2006	upstream	
sturgeon		6	7/18/2006	upstream	4 feet
sturgeon		6	7/20/2006	upstream	
sturgeon	3	6	8/9/2006	upstream	3 feet
sturgeon		7	6/3/2006	upstream	

Species	Cum.	Ladder	Date	Swimming Direction	Length
sturgeon		7	8/17/2006	upstream	
sturgeon	3	7	8/27/2006	upstream	
sturgeon		8	6/15/2006	upstream	
sturgeon		8	6/23/2006	upstream	
sturgeon		8	7/22/2006	upstream	
sturgeon		8	10/3/2006	upstream	
sturgeon		8	10/19/2006	upstream	
sturgeon	6	8	10/26/2006	upstream	
sturgeon		9	6/15/2006	upstream	
sturgeon		9	6/20/2006	upstream	
sturgeon		9	6/24/2006	upstream	
sturgeon		9	6/25/2006	upstream	
sturgeon		9	8/24/2006	upstream	
sturgeon		9	9/6/2006	upstream	
sturgeon		9	9/26/2006	upstream	
sturgeon		9	10/7/2006	upstream	
sturgeon		9	10/7/2006	upstream	
sturgeon	10	9	10/7/2006	upstream	
sturgeon	1	10	10/21/2006	upstream	
sturgeon	1	12	10/9/2006	upstream	
sturgeon		14	10/12/2006	upstream	
sturgeon	2	14	10/31/2006	upstream	
w/ oral tumors		1	7/8/2006	upstream	The oral tumors were on a clipped adult chinook.
w/ oral tumors		1	7/9/2006	upstream	The oral tumors were on a clipped adult chinook.
w/ oral tumors		1	7/16/2006	upstream	The oral tumors were on an adult chinook.
w/ oral tumors	4	1	9/5/2006	upstream	The oral tumors were on an adult chinook.

Notes about fish counting in 2005

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles fish counting started on 2/22 and was done 16 hours a day through 12/5.

At John Day fish counting started on 2/22 and was done 16 hours a day through 12/5.

The miscellaneous fish counts from McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite were lost.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.*	Ladder	Date	Swimming Direction	Length
*cumulative sightings in each fishladder this year					
Grass carp		1	6/28/2005	upstream	
Grass carp		1	6/28/2005	upstream	
Grass carp		1	7/13/2005	upstream	2 feet
Grass carp		1	7/13/2005	upstream	2.5 feet
Grass carp		1	7/14/2005	upstream	3 feet
Grass carp		1	7/22/2005	upstream	3 feet
Grass carp	7	1	8/1/2005	upstream	2.5 feet
Grass carp	1	3	9/29/2005	upstream	
sturgeon		1	7/1/2005	upstream	3 feet
sturgeon		1	8/29/2005	upstream	3.5 feet
sturgeon		1	9/4/2005	upstream	2.5 feet
sturgeon		1	9/4/2005	upstream	3.5 feet
sturgeon		1	9/5/2005	upstream	2.5 feet
sturgeon		1	9/5/2005	upstream	3.5 feet
sturgeon		1	9/7/2005	upstream	2.5 feet
sturgeon		1	9/9/2005	upstream	3.5 feet
sturgeon		1	9/9/2005	upstream	3 feet
sturgeon		1	9/10/2005	upstream	3 feet
sturgeon		1	9/12/2005	upstream	3.5 feet
sturgeon		1	9/12/2005	upstream	4.5 feet
sturgeon		1	9/14/2005	upstream	3 feet
sturgeon		1	9/14/2005	upstream	3 feet
sturgeon		1	9/15/2005	upstream	3 feet
sturgeon		1	9/22/2005	upstream	2.5 feet
sturgeon		1	9/22/2005	upstream	2 feet
sturgeon		1	9/22/2005	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon	1	9/23/2005	upstream	3 feet	
sturgeon	1	9/25/2005	upstream	3 feet	
sturgeon	1	9/29/2005	upstream	5 feet	
sturgeon	1	10/3/2005	upstream	2.5 feet	
sturgeon	1	10/4/2005	upstream	4 feet	
sturgeon	1	10/6/2005	upstream	3 feet	
sturgeon	1	10/6/2005	upstream	3 feet	
sturgeon	1	10/9/2005	upstream	2.5 feet	
sturgeon	1	10/12/2005	upstream	3 feet	
sturgeon	1	10/15/2005	upstream	2.5 feet	
sturgeon	1	10/17/2005	upstream	2.5 feet	
sturgeon	30	10/24/2005	upstream	2 feet	
sturgeon	2	7/14/2005	upstream	3 feet	
sturgeon	2	9/4/2005	upstream	3 feet	
sturgeon	2	9/9/2005	upstream		
sturgeon	2	9/10/2005	upstream	3 feet	
sturgeon	5	2	9/13/2005	upstream	3 feet
sturgeon	3	4/21/2005	upstream		
sturgeon	3	5/2/2005	upstream		
sturgeon	3	5/6/2005	upstream		
sturgeon	3	5/13/2005	upstream	7 feet	
sturgeon	3	5/19/2005	upstream		
sturgeon	3	5/20/2005	upstream		
sturgeon	3	5/20/2005	upstream		
sturgeon	3	5/24/2005	upstream		
sturgeon	3	5/25/2005	upstream		
sturgeon	3	5/25/2005	upstream		
sturgeon	3	5/29/2005	upstream		
sturgeon	3	5/31/2005	upstream		
sturgeon	3	6/12/2005	upstream		
sturgeon	3	6/13/2005	upstream		
sturgeon	3	6/18/2005	upstream		
sturgeon	3	6/20/2005	upstream		
sturgeon	3	6/22/2005	upstream		
sturgeon	3	6/22/2005	upstream		
sturgeon	3	6/25/2005	upstream		

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	6/25/2005	upstream	
sturgeon	3	6/25/2005	upstream	
sturgeon	3	6/27/2005	upstream	
sturgeon	3	6/28/2005	upstream	
sturgeon	3	6/28/2005	upstream	
sturgeon	3	6/28/2005	upstream	
sturgeon	3	6/30/2005	upstream	
sturgeon	3	7/1/2005	upstream	
sturgeon	3	7/2/2005	upstream	
sturgeon	3	7/3/2005	upstream	
sturgeon	3	7/3/2005	upstream	
sturgeon	3	7/3/2005	upstream	
sturgeon	3	7/9/2005	upstream	
sturgeon	3	7/9/2005	upstream	
sturgeon	3	7/10/2005	upstream	
sturgeon	3	7/10/2005	upstream	
sturgeon	3	7/12/2005	upstream	
sturgeon	3	7/14/2005	upstream	
sturgeon	3	7/14/2005	upstream	
sturgeon	3	7/14/2005	upstream	
sturgeon	3	7/15/2005	upstream	
sturgeon	3	7/16/2005	upstream	
sturgeon	3	7/17/2005	upstream	
sturgeon	3	7/17/2005	upstream	
sturgeon	3	7/18/2005	upstream	
sturgeon	3	7/18/2005	upstream	
sturgeon	3	7/19/2005	upstream	
sturgeon	3	7/19/2005	upstream	
sturgeon	3	7/21/2005	upstream	
sturgeon	3	7/22/2005	upstream	4.5 feet
sturgeon	3	7/23/2005	upstream	
sturgeon	3	7/24/2005	upstream	
sturgeon	3	7/26/2005	upstream	4 feet
sturgeon	3	7/27/2005	upstream	
sturgeon	3	7/29/2005	upstream	
sturgeon	3	7/31/2005	upstream	

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon	3	8/2/2005	upstream		
sturgeon	3	8/3/2005	upstream		
sturgeon	3	8/7/2005	upstream		
sturgeon	3	8/7/2005	upstream		
sturgeon	3	8/9/2005	upstream		
sturgeon	3	8/10/2005	upstream		
sturgeon	3	8/21/2005	upstream		
sturgeon	3	8/28/2005	upstream		
sturgeon	3	8/30/2005	upstream		
sturgeon	3	9/3/2005	upstream		
sturgeon	3	9/4/2005	upstream		
sturgeon	3	9/6/2005	upstream		
sturgeon	3	9/8/2005	upstream		
sturgeon	3	9/9/2005	upstream		
sturgeon	3	9/10/2005	upstream		
sturgeon	3	9/11/2005	upstream		
sturgeon	3	9/13/2005	upstream		
sturgeon	3	9/15/2005	upstream		
sturgeon	3	9/21/2005	upstream		
sturgeon	3	9/22/2005	upstream		
sturgeon	3	9/24/2005	upstream		
sturgeon	3	9/24/2005	upstream		
sturgeon	78	3	10/13/2005	upstream	
sturgeon	4	5/8/2005	upstream		
sturgeon	4	6/9/2005	upstream		
sturgeon	4	7/18/2005	upstream	4 feet	
sturgeon	4	7/30/2005	upstream	3.5 feet	
sturgeon	4	8/9/2005	upstream	3 feet	
sturgeon	4	8/17/2005	upstream	3.5 feet	
sturgeon	4	8/22/2005	upstream	3 feet	
sturgeon	4	8/25/2005	upstream	2 feet	
sturgeon	9	4	8/28/2005	upstream	
sturgeon	5	7/9/2005	upstream		
sturgeon	2	5	7/19/2005	upstream	
sturgeon	6	7/28/2005	upstream		
sturgeon	6	7/30/2005	upstream	3.5 feet	

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	6	8/8/2005	upstream	2.5 feet
sturgeon	6	8/8/2005	upstream	
sturgeon	6	8/8/2005	upstream	
sturgeon	6	8/14/2005	upstream	
sturgeon	6	8/17/2005	upstream	3.5 feet
sturgeon	6	8/17/2005	upstream	
sturgeon	6	8/22/2005	upstream	3 feet
sturgeon	6	8/25/2005	upstream	2 feet
sturgeon	6	8/25/2005	upstream	
sturgeon	6	9/7/2005	upstream	
sturgeon	6	9/9/2005	upstream	
sturgeon	14	6	9/15/2005	upstream

Notes about fish counting in 2004

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles fish counting started on 2/20 and was done 16 hours a day through 12/2.

At John Day fish counting started on 2/20 and was done 16 hours a day through 12/4.

The miscellaneous fish counts from McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite were lost.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.*	Ladder	Date	Swimming Direction	Length
*cumulative sightings in each fishladder this year					
Grass carp		1	6/1/2004	upstream	2.5 feet
Grass carp		1	6/10/2004	upstream	3 feet
Grass carp		1	6/14/2004	upstream	2.5 feet
Grass carp		1	6/18/2004	upstream	2.5 feet
Grass carp	5	1	7/30/2004	upstream	3.5 feet
Grass carp		2	6/2/2004	upstream	
Grass carp	2	2	6/13/2004	upstream	
Grass carp	1	3	9/6/2004	upstream	
Grass carp	1	4	7/15/2004	upstream	
Grass carp	1	5	9/7/2004	upstream	
Grass carp	1	6	8/11/2004	upstream	
sturgeon		1	5/6/2004	upstream	2.5 feet
sturgeon		1	6/28/2004	upstream	4 feet
sturgeon		1	6/30/2004	upstream	4 feet
sturgeon		1	7/1/2004	upstream	2.5 feet
sturgeon		1	7/2/2004	upstream	3 feet
sturgeon		1	7/4/2004	upstream	3 feet
sturgeon		1	7/4/2004	upstream	3 feet
sturgeon		1	7/6/2004	upstream	2.5 feet
sturgeon		1	7/7/2004	upstream	2.5 feet
sturgeon		1	7/15/2004	upstream	3 feet
sturgeon		1	7/16/2004	upstream	4 feet
sturgeon		1	7/17/2004	upstream	3 feet
sturgeon		1	7/18/2004	upstream	3 feet
sturgeon		1	7/19/2004	upstream	3.5 feet
sturgeon		1	7/21/2004	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	1	7/22/2004	upstream	3 feet
sturgeon	1	7/27/2004	upstream	2.5 feet
sturgeon	1	8/2/2004	upstream	3 feet
sturgeon	1	8/9/2004	upstream	2.5 feet
sturgeon	1	8/9/2004	upstream	3 feet
sturgeon	1	9/1/2004	upstream	2.5 feet
sturgeon	1	9/16/2004	upstream	3.5 feet
sturgeon	1	9/18/2004	upstream	2.5 feet
sturgeon	1	9/26/2004	upstream	3.5 feet
sturgeon	1	10/6/2004	upstream	2.5 feet
sturgeon	26	1 10/28/2004	upstream	4 feet
sturgeon	2	7/4/2004	upstream	3.5 feet
sturgeon	2	7/7/2004	upstream	3.5 feet
sturgeon	2	7/14/2004	upstream	3 feet
sturgeon	2	7/31/2004	upstream	3 feet
sturgeon	2	8/13/2004	upstream	2 feet
sturgeon	6	2 8/16/2004	upstream	2.5 feet
sturgeon	3	5/11/2004	upstream	5 feet
sturgeon	3	5/13/2004	upstream	4 feet
sturgeon	3	5/23/2004	upstream	6 feet
sturgeon	3	5/24/2004	upstream	5 feet
sturgeon	3	5/27/2004	upstream	4 feet
sturgeon	3	5/28/2004	upstream	5.5 feet
sturgeon	3	5/30/2004	upstream	8 feet
sturgeon	3	6/1/2004	upstream	6 feet
sturgeon	3	6/3/2004	upstream	6 feet
sturgeon	3	6/5/2004	upstream	6.25 feet
sturgeon	3	6/8/2004	upstream	7 feet
sturgeon	3	6/10/2004	upstream	6 feet
sturgeon	3	6/16/2004	upstream	6.5 feet
sturgeon	3	6/16/2004	upstream	7.5 feet
sturgeon	3	6/16/2004	upstream	8 feet
sturgeon	3	6/17/2004	upstream	5 feet
sturgeon	3	6/18/2004	upstream	3 feet
sturgeon	3	6/19/2004	upstream	3.5 feet
sturgeon	3	6/20/2004	upstream	5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	6/20/2004	upstream	4.5 feet
sturgeon	3	6/20/2004	upstream	4 feet
sturgeon	3	6/22/2004	upstream	5 feet
sturgeon	3	6/22/2004	upstream	3 feet
sturgeon	3	6/23/2004	upstream	4 feet
sturgeon	3	6/23/2004	upstream	7 feet
sturgeon	3	6/23/2004	upstream	4 feet
sturgeon	3	6/24/2004	upstream	4 feet
sturgeon	3	6/25/2004	upstream	4.5 feet
sturgeon	3	6/25/2004	upstream	4 feet
sturgeon	3	6/26/2004	upstream	4 feet
sturgeon	3	6/27/2004	upstream	6.5 feet
sturgeon	3	6/27/2004	upstream	4.5 feet
sturgeon	3	6/28/2004	upstream	6 feet
sturgeon	3	6/29/2004	upstream	3 feet
sturgeon	3	6/29/2004	upstream	5.5 feet
sturgeon	3	6/30/2004	upstream	5 feet
sturgeon	3	7/1/2004	upstream	4 feet
sturgeon	3	7/1/2004	upstream	6 feet
sturgeon	3	7/1/2004	upstream	5 feet
sturgeon	3	7/2/2004	upstream	5 feet
sturgeon	3	7/3/2004	upstream	5 feet
sturgeon	3	7/4/2004	upstream	5 feet
sturgeon	3	7/4/2004	upstream	2.5 feet
sturgeon	3	7/4/2004	upstream	5.5 feet
sturgeon	3	7/5/2004	upstream	4 feet
sturgeon	3	7/5/2004	upstream	4 feet
sturgeon	3	7/6/2004	upstream	3 feet
sturgeon	3	7/6/2004	upstream	5.5 feet
sturgeon	3	7/6/2004	upstream	5 feet
sturgeon	3	7/7/2004	upstream	6 feet
sturgeon	3	7/9/2004	upstream	5 feet
sturgeon	3	7/11/2004	upstream	3 feet
sturgeon	3	7/12/2004	upstream	5 feet
sturgeon	3	7/12/2004	upstream	4.5 feet
sturgeon	3	7/12/2004	upstream	6 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/13/2004	upstream	5.5 feet
sturgeon	3	7/13/2004	upstream	3 feet
sturgeon	3	7/15/2004	upstream	3 feet
sturgeon	3	7/15/2004	upstream	5 feet
sturgeon	3	7/16/2004	upstream	5 feet
sturgeon	3	7/16/2004	upstream	5.5 feet
sturgeon	3	7/16/2004	upstream	5 feet
sturgeon	3	7/16/2004	upstream	4 feet
sturgeon	3	7/17/2004	upstream	3 feet
sturgeon	3	7/18/2004	upstream	4 feet
sturgeon	3	7/18/2004	upstream	4 feet
sturgeon	3	7/19/2004	upstream	3 feet
sturgeon	3	7/19/2004	upstream	3.5 feet
sturgeon	3	7/19/2004	upstream	3 feet
sturgeon	3	7/19/2004	upstream	3 feet
sturgeon	3	7/19/2004	upstream	5 feet
sturgeon	3	7/19/2004	upstream	3 feet
sturgeon	3	7/22/2004	upstream	3 feet
sturgeon	3	7/22/2004	upstream	2 feet
sturgeon	3	7/25/2004	upstream	5 feet
sturgeon	3	7/26/2004	upstream	2 feet
sturgeon	3	7/26/2004	upstream	4 feet
sturgeon	3	7/29/2004	upstream	2 feet
sturgeon	3	7/30/2004	upstream	3.5 feet
sturgeon	3	7/31/2004	upstream	2.5 feet
sturgeon	3	8/1/2004	upstream	5 feet
sturgeon	3	8/2/2004	upstream	5 feet
sturgeon	3	8/4/2004	upstream	3 feet
sturgeon	3	8/10/2004	upstream	5 feet
sturgeon	3	8/10/2004	upstream	2.5 feet
sturgeon	3	8/13/2004	upstream	5 feet
sturgeon	3	8/14/2004	upstream	4 feet
sturgeon	3	8/15/2004	upstream	5 feet
sturgeon	3	8/21/2004	upstream	5.5 feet
sturgeon	3	8/21/2004	upstream	6 feet
sturgeon	3	8/22/2004	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/26/2004	upstream	2.5 feet
sturgeon	3	8/26/2004	upstream	3 feet
sturgeon	3	8/30/2004	upstream	3 feet
sturgeon	3	9/2/2004	upstream	3 feet
sturgeon	3	9/4/2004	upstream	2.5 feet
sturgeon	3	9/8/2004	upstream	5 feet
sturgeon	3	9/11/2004	upstream	2 feet
sturgeon	3	9/14/2004	upstream	3 feet
sturgeon	3	9/14/2004	upstream	3 feet
sturgeon	3	9/18/2004	upstream	5.5 feet
sturgeon	3	9/18/2004	upstream	2.5 feet
sturgeon	3	9/23/2004	upstream	5.5 feet
sturgeon	3	9/27/2004	upstream	2.5 feet
sturgeon	3	10/10/2004	upstream	1.5 feet
sturgeon	3	10/18/2004	upstream	2 feet
sturgeon	107 3	10/28/2004	upstream	3 feet
sturgeon	4	5/25/2004	upstream	3 feet
sturgeon	4	7/6/2004	upstream	3 feet
sturgeon	4	7/8/2004	upstream	3 feet
sturgeon	4	7/8/2004	upstream	6 feet
sturgeon	4	7/9/2004	upstream	3 feet
sturgeon	4	7/15/2004	upstream	6 feet
sturgeon	4	7/21/2004	upstream	6 feet
sturgeon	4	7/25/2004	upstream	5 feet
sturgeon	4	7/27/2004	upstream	4 feet
sturgeon	4	7/30/2004	upstream	4 feet
sturgeon	4	8/3/2004	upstream	5 feet
sturgeon	4	8/3/2004	upstream	5 feet
sturgeon	4	8/4/2004	upstream	3 feet
sturgeon	4	8/6/2004	upstream	2.5 feet
sturgeon	4	8/6/2004	upstream	3 feet
sturgeon	4	8/7/2004	upstream	2 feet
sturgeon	4	8/7/2004	upstream	3 feet
sturgeon	4	8/7/2004	upstream	5 feet
sturgeon	4	8/10/2004	upstream	2 feet
sturgeon	4	8/13/2004	upstream	5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon	4	8/15/2004	upstream	1.5 feet	
sturgeon	4	8/16/2004	upstream	2 feet	
sturgeon	4	8/26/2004	upstream	3.5 feet	
sturgeon	4	8/26/2004	upstream	2.5 feet	
sturgeon	4	8/27/2004	upstream	5 feet	
sturgeon	4	8/29/2004	upstream	2.5 feet	
sturgeon	4	8/30/2004	upstream	5 feet	
sturgeon	4	8/30/2004	upstream	3 feet	
sturgeon	4	8/31/2004	upstream	3 feet	
sturgeon	4	8/31/2004	upstream	3.5 feet	
sturgeon	4	9/7/2004	upstream	7 feet	
sturgeon	4	9/8/2004	upstream	5 feet	
sturgeon	4	9/9/2004	upstream	6 feet	
sturgeon	4	9/19/2004	upstream	3 feet	
sturgeon	35	4	9/24/2004	upstream	3 feet
sturgeon	6	7/17/2004	upstream	3.5 feet	
sturgeon	6	7/18/2004	upstream	3.5 feet	
sturgeon	6	7/23/2004	upstream	3 feet	
sturgeon	6	7/26/2004	upstream	2.5 feet	
sturgeon	6	8/5/2004	upstream	4 feet	
sturgeon	6	8/7/2004	upstream	3 feet	
sturgeon	6	8/11/2004	upstream	4 feet	
sturgeon	6	8/14/2004	upstream	3 feet	
sturgeon	6	8/14/2004	upstream	4 feet	
sturgeon	6	8/15/2004	upstream	4 feet	
sturgeon	6	8/16/2004	upstream	3 feet	
sturgeon	6	8/19/2004	upstream	2.5 feet	
sturgeon	6	8/20/2004	upstream	2 feet	
sturgeon	6	8/21/2004	upstream	3.5 feet	
sturgeon	6	8/21/2004	upstream	3 feet	
sturgeon	6	8/23/2004	upstream	3 feet	
sturgeon	6	8/23/2004	upstream	4 feet	
sturgeon	6	8/24/2004	upstream	3 feet	
sturgeon	6	9/2/2004	upstream	4 feet	
sturgeon	6	9/4/2004	upstream	4 feet	
sturgeon	6	9/6/2004	upstream	3 feet	

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	6	9/13/2004	upstream	3.75 feet
sturgeon	23	9/19/2004	upstream	3.75 feet

Notes about fish counting in 2003

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles fish counting started on 2/20 and was done 16 hours a day through 12/15.

At John Day fish counting started on 3/2 and was done 16 hours a day through 12/14.

The miscellaneous fish counts from McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite were lost.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.*	Ladder	Date	Swimming Direction	Length
*cumulative sightings in each fishladder this year					
Grass carp		1	6/2/2003	upstream	2.5 feet
Grass carp		1	6/2/2003	upstream	2.5 feet
Grass carp		1	6/2/2003	upstream	2.5 feet
Grass carp		1	6/9/2003	upstream	3 feet
Grass carp	5	1	7/1/2003	upstream	2.5 feet
Grass carp		2	6/27/2003	upstream	2.5 feet
Grass carp	2	2	8/23/2003	upstream	2 feet
Grass carp		3	7/1/2003	upstream	
Grass carp		3	7/3/2003	upstream	
Grass carp		3	7/6/2003	upstream	
Grass carp	4	3	9/30/2003	upstream	
Grass carp		5	7/5/2003	upstream	
Grass carp	2	5	7/7/2003	upstream	
sturgeon		1	6/30/2003	upstream	5 feet
sturgeon		1	7/17/2003	upstream	3 feet
sturgeon		1	7/20/2003	upstream	2 feet
sturgeon		1	8/16/2003	upstream	3.5 feet
sturgeon		1	8/21/2003	upstream	1.5 feet
sturgeon		1	8/27/2003	upstream	2.5 feet
sturgeon		1	9/2/2003	upstream	2.5 feet
sturgeon		1	9/4/2003	upstream	4 feet
sturgeon		1	9/19/2003	upstream	3.5 feet
sturgeon		1	9/26/2003	upstream	3 feet
sturgeon	11	1	10/2/2003	upstream	3 feet
sturgeon		2	7/23/2003	upstream	3 feet
sturgeon		2	7/24/2003	upstream	3.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon	2	7/25/2003	upstream	4 feet	
sturgeon	2	7/27/2003	upstream	3 feet	
sturgeon	2	7/28/2003	upstream	3 feet	
sturgeon	2	7/28/2003	upstream	5 feet	
sturgeon	2	9/9/2003	upstream	3.5 feet	
sturgeon	2	10/9/2003	upstream	3.5 feet	
sturgeon	2	10/13/2003	upstream	5.5 feet	
sturgeon	2	10/15/2003	upstream	4 feet	
sturgeon	11	2	10/19/2003	upstream	3.5 feet
sturgeon	3	4/22/2003	upstream	4.5 feet	
sturgeon	3	5/28/2003	upstream	5.5 feet	
sturgeon	3	5/29/2003	upstream	6 feet	
sturgeon	3	6/4/2003	upstream	4 feet	
sturgeon	3	6/5/2003	upstream	5 feet	
sturgeon	3	6/8/2003	upstream	3 feet	
sturgeon	3	6/8/2003	upstream	4 feet	
sturgeon	3	6/8/2003	upstream	5 feet	
sturgeon	3	6/14/2003	upstream	2.5 feet	
sturgeon	3	6/16/2003	upstream	4 feet	
sturgeon	3	6/18/2003	upstream	3 feet	
sturgeon	3	6/19/2003	upstream	4 feet	
sturgeon	3	6/19/2003	upstream	5 feet	
sturgeon	3	6/21/2003	upstream	3 feet	
sturgeon	3	6/21/2003	upstream	3 feet	
sturgeon	3	6/21/2003	upstream	4 feet	
sturgeon	3	6/21/2003	upstream	4.5 feet	
sturgeon	3	6/23/2003	upstream	5 feet	
sturgeon	3	6/23/2003	upstream	6 feet	
sturgeon	3	6/24/2003	upstream	4.5 feet	
sturgeon	3	6/26/2003	upstream	3 feet	
sturgeon	3	6/27/2003	upstream	6 feet	
sturgeon	3	6/28/2003	upstream	3 feet	
sturgeon	3	6/28/2003	upstream	3.5 feet	
sturgeon	3	6/28/2003	upstream	4 feet	
sturgeon	3	6/28/2003	upstream	4.5 feet	
sturgeon	3	6/28/2003	upstream	6.5 feet	

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	6/29/2003	upstream	2 feet
sturgeon	3	6/30/2003	upstream	4 feet
sturgeon	3	6/30/2003	upstream	5 feet
sturgeon	3	6/30/2003	upstream	5 feet
sturgeon	3	7/1/2003	upstream	1 feet
sturgeon	3	7/1/2003	upstream	4 feet
sturgeon	3	7/3/2003	upstream	2 feet
sturgeon	3	7/3/2003	upstream	3 feet
sturgeon	3	7/3/2003	upstream	3.5 feet
sturgeon	3	7/4/2003	upstream	4 feet
sturgeon	3	7/4/2003	upstream	4 feet
sturgeon	3	7/4/2003	upstream	5 feet
sturgeon	3	7/4/2003	upstream	5 feet
sturgeon	3	7/5/2003	upstream	3 feet
sturgeon	3	7/5/2003	upstream	3 feet
sturgeon	3	7/5/2003	upstream	6 feet
sturgeon	3	7/6/2003	upstream	3 feet
sturgeon	3	7/6/2003	upstream	4.5 feet
sturgeon	3	7/7/2003	upstream	2.5 feet
sturgeon	3	7/7/2003	upstream	3 feet
sturgeon	3	7/7/2003	upstream	5 feet
sturgeon	3	7/7/2003	upstream	6 feet
sturgeon	3	7/8/2003	upstream	3.5 feet
sturgeon	3	7/8/2003	upstream	3.5 feet
sturgeon	3	7/8/2003	upstream	4 feet
sturgeon	3	7/8/2003	upstream	5.5 feet
sturgeon	3	7/9/2003	upstream	3 feet
sturgeon	3	7/9/2003	upstream	4 feet
sturgeon	3	7/9/2003	upstream	4 feet
sturgeon	3	7/9/2003	upstream	5 feet
sturgeon	3	7/10/2003	upstream	3.5 feet
sturgeon	3	7/11/2003	upstream	2.5 feet
sturgeon	3	7/11/2003	upstream	4.5 feet
sturgeon	3	7/11/2003	upstream	4.5 feet
sturgeon	3	7/11/2003	upstream	5 feet
sturgeon	3	7/12/2003	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/12/2003	upstream	4.5 feet
sturgeon	3	7/12/2003	upstream	4.5 feet
sturgeon	3	7/12/2003	upstream	5 feet
sturgeon	3	7/12/2003	upstream	5 feet
sturgeon	3	7/12/2003	upstream	7 feet
sturgeon	3	7/13/2003	upstream	2.5 feet
sturgeon	3	7/13/2003	upstream	3 feet
sturgeon	3	7/13/2003	upstream	4.5 feet
sturgeon	3	7/13/2003	upstream	4.5 feet
sturgeon	3	7/13/2003	upstream	5 feet
sturgeon	3	7/14/2003	upstream	4.5 feet
sturgeon	3	7/14/2003	upstream	6 feet
sturgeon	3	7/15/2003	upstream	3 feet
sturgeon	3	7/15/2003	upstream	3 feet
sturgeon	3	7/15/2003	upstream	3.5 feet
sturgeon	3	7/15/2003	upstream	3.5 feet
sturgeon	3	7/15/2003	upstream	5 feet
sturgeon	3	7/16/2003	upstream	3 feet
sturgeon	3	7/16/2003	upstream	3.5 feet
sturgeon	3	7/16/2003	upstream	4 feet
sturgeon	3	7/16/2003	upstream	4.5 feet
sturgeon	3	7/17/2003	upstream	2.5 feet
sturgeon	3	7/17/2003	upstream	3 feet
sturgeon	3	7/17/2003	upstream	3.5 feet
sturgeon	3	7/18/2003	upstream	2 feet
sturgeon	3	7/18/2003	upstream	3 feet
sturgeon	3	7/18/2003	upstream	4.5 feet
sturgeon	3	7/19/2003	upstream	2.5 feet
sturgeon	3	7/19/2003	upstream	3.5 feet
sturgeon	3	7/19/2003	upstream	3.5 feet
sturgeon	3	7/19/2003	upstream	5 feet
sturgeon	3	7/19/2003	upstream	5 feet
sturgeon	3	7/20/2003	upstream	3 feet
sturgeon	3	7/20/2003	upstream	3 feet
sturgeon	3	7/20/2003	upstream	3.5 feet
sturgeon	3	7/20/2003	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/20/2003	upstream	5 feet
sturgeon	3	7/20/2003	upstream	5 feet
sturgeon	3	7/21/2003	upstream	3 feet
sturgeon	3	7/21/2003	upstream	3 feet
sturgeon	3	7/21/2003	upstream	4 feet
sturgeon	3	7/21/2003	upstream	4 feet
sturgeon	3	7/22/2003	upstream	2 feet
sturgeon	3	7/24/2003	upstream	3 feet
sturgeon	3	7/24/2003	upstream	3 feet
sturgeon	3	7/24/2003	upstream	5 feet
sturgeon	3	7/25/2003	upstream	2.5 feet
sturgeon	3	7/25/2003	upstream	4 feet
sturgeon	3	7/25/2003	upstream	4 feet
sturgeon	3	7/25/2003	upstream	4.5 feet
sturgeon	3	7/26/2003	upstream	2 feet
sturgeon	3	7/26/2003	upstream	2.5 feet
sturgeon	3	7/26/2003	upstream	3 feet
sturgeon	3	7/26/2003	upstream	3 feet
sturgeon	3	7/26/2003	upstream	3 feet
sturgeon	3	7/28/2003	upstream	3 feet
sturgeon	3	7/28/2003	upstream	3.5 feet
sturgeon	3	7/28/2003	upstream	3.5 feet
sturgeon	3	7/28/2003	upstream	4 feet
sturgeon	3	7/29/2003	upstream	5 feet
sturgeon	3	7/29/2003	upstream	7 feet
sturgeon	3	7/30/2003	upstream	2.5 feet
sturgeon	3	8/1/2003	upstream	3.5 feet
sturgeon	3	8/1/2003	upstream	3.5 feet
sturgeon	3	8/1/2003	upstream	3.5 feet
sturgeon	3	8/2/2003	upstream	2.5 feet
sturgeon	3	8/2/2003	upstream	3 feet
sturgeon	3	8/3/2003	upstream	2.5 feet
sturgeon	3	8/3/2003	upstream	3 feet
sturgeon	3	8/3/2003	upstream	3 feet
sturgeon	3	8/4/2003	upstream	2.5 feet
sturgeon	3	8/4/2003	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/4/2003	upstream	5.5 feet
sturgeon	3	8/6/2003	upstream	3 feet
sturgeon	3	8/6/2003	upstream	7 feet
sturgeon	3	8/9/2003	upstream	3 feet
sturgeon	3	8/9/2003	upstream	3.5 feet
sturgeon	3	8/10/2003	upstream	3 feet
sturgeon	3	8/10/2003	upstream	3.5 feet
sturgeon	3	8/11/2003	upstream	2 feet
sturgeon	3	8/12/2003	upstream	4 feet
sturgeon	3	8/13/2003	upstream	2.5 feet
sturgeon	3	8/13/2003	upstream	4.5 feet
sturgeon	3	8/14/2003	upstream	3 feet
sturgeon	3	8/14/2003	upstream	3 feet
sturgeon	3	8/16/2003	upstream	5 feet
sturgeon	3	8/17/2003	upstream	3 feet
sturgeon	3	8/18/2003	upstream	2 feet
sturgeon	3	8/22/2003	upstream	2.5 feet
sturgeon	3	8/23/2003	upstream	5 feet
sturgeon	3	8/24/2003	upstream	3.5 feet
sturgeon	3	8/25/2003	upstream	3 feet
sturgeon	3	8/29/2003	upstream	5 feet
sturgeon	3	8/31/2003	upstream	3 feet
sturgeon	3	9/3/2003	upstream	4 feet
sturgeon	3	9/5/2003	upstream	7 feet
sturgeon	3	9/8/2003	upstream	5 feet
sturgeon	3	9/9/2003	upstream	2 feet
sturgeon	3	9/12/2003	upstream	5 feet
sturgeon	3	9/12/2003	upstream	5 feet
sturgeon	3	9/17/2003	upstream	4 feet
sturgeon	3	9/23/2003	upstream	3 feet
sturgeon	3	9/23/2003	upstream	5 feet
sturgeon	3	9/29/2003	upstream	3 feet
sturgeon	3	9/30/2003	upstream	3.5 feet
sturgeon	3	9/30/2003	upstream	4.5 feet
sturgeon	3	10/1/2003	upstream	4 feet
sturgeon	3	10/2/2003	upstream	4.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	10/3/2003	upstream	2 feet
sturgeon	3	10/4/2003	upstream	7 feet
sturgeon	3	10/5/2003	upstream	3 feet
sturgeon	3	10/6/2003	upstream	3 feet
sturgeon	3	10/6/2003	upstream	3.5 feet
sturgeon	3	10/6/2003	upstream	4 feet
sturgeon	3	10/8/2003	upstream	5 feet
sturgeon	3	10/11/2003	upstream	5 feet
sturgeon	3	10/12/2003	upstream	3 feet
sturgeon	3	10/14/2003	upstream	4 feet
sturgeon	3	10/16/2003	upstream	4 feet
sturgeon	3	10/22/2003	upstream	3 feet
sturgeon	3	10/25/2003	upstream	3 feet
sturgeon	185	3 10/25/2003	upstream	4 feet
sturgeon	4	7/1/2003	upstream	5 feet
sturgeon	4	7/8/2003	upstream	2 feet
sturgeon	4	7/8/2003	upstream	8 feet
sturgeon	4	7/14/2003	upstream	5.5 feet
sturgeon	4	7/23/2003	upstream	3.5 feet
sturgeon	4	7/24/2003	upstream	2.5 feet
sturgeon	4	7/26/2003	upstream	4.5 feet
sturgeon	4	7/30/2003	upstream	4.5 feet
sturgeon	4	8/7/2003	upstream	3 feet
sturgeon	4	8/11/2003	upstream	4 feet
sturgeon	4	8/12/2003	upstream	5 feet
sturgeon	4	8/13/2003	upstream	2 feet
sturgeon	4	8/14/2003	upstream	4 feet
sturgeon	4	8/17/2003	upstream	4 feet
sturgeon	4	8/22/2003	upstream	2 feet
sturgeon	4	8/23/2003	upstream	2.5 feet
sturgeon	4	8/24/2003	upstream	4 feet
sturgeon	4	8/26/2003	upstream	4.5 feet
sturgeon	4	8/30/2003	upstream	4 feet
sturgeon	4	9/5/2003	upstream	3 feet
sturgeon	4	9/5/2003	upstream	4 feet
sturgeon	4	9/7/2003	upstream	2.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon		4	9/7/2003	upstream	3 feet
sturgeon		4	9/8/2003	upstream	3 feet
sturgeon		4	9/11/2003	upstream	2 feet
sturgeon		4	9/18/2003	upstream	4 feet
sturgeon		4	9/28/2003	upstream	2 feet
sturgeon		4	9/28/2003	upstream	3 feet
sturgeon		4	10/4/2003	upstream	2 feet
sturgeon		4	10/5/2003	upstream	2.5 feet
sturgeon		4	10/6/2003	upstream	2.5 feet
sturgeon		4	10/8/2003	upstream	4 feet
sturgeon	33	4	10/29/2003	upstream	4.5 feet
sturgeon		5	8/7/2003	upstream	3.5 feet
sturgeon		5	8/8/2003	upstream	3.5 feet
sturgeon		5	9/6/2003	upstream	3 feet
sturgeon		5	9/7/2003	upstream	3.5 feet
sturgeon		5	9/8/2003	upstream	3.5 feet
sturgeon		5	9/9/2003	upstream	3.5 feet
sturgeon		5	10/3/2003	upstream	4 feet
sturgeon		5	10/4/2003	upstream	2.5 feet
sturgeon	9	5	10/15/2003	upstream	3 feet
sturgeon		6	7/15/2003	upstream	3 feet
sturgeon		6	7/18/2003	upstream	2.5 feet
sturgeon		6	7/19/2003	upstream	3.5 feet
sturgeon		6	7/22/2003	upstream	3 feet
sturgeon		6	7/28/2003	upstream	4 feet
sturgeon		6	8/6/2003	upstream	3 feet
sturgeon		6	8/17/2003	upstream	4 feet
sturgeon		6	8/22/2003	upstream	3 feet
sturgeon		6	9/3/2003	upstream	3.5 feet
sturgeon		6	9/4/2003	upstream	3 feet
sturgeon	11	6	10/5/2003	upstream	2.5 feet

Notes about fish counting in 2002

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles and John Day fish counting started on 4/1 and was done 16 hours a day through 10/31.

The miscellaneous fish counts from McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite were lost.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.*	Ladder	Date	Swimming Direction	Length
*cumulative sightings in each fishladder this year					
Grass carp		1	6/19/2002	upstream	3 feet
Grass carp		1	6/22/2002	upstream	2.5 feet
Grass carp		1	6/25/2002	upstream	2.5 feet
Grass carp		1	6/29/2002	upstream	2.5 feet
Grass carp		1	6/29/2002	upstream	3 feet
Grass carp		1	6/30/2002	upstream	3 feet
Grass carp		1	7/2/2002	upstream	2.5 feet
Grass carp		1	7/7/2002	upstream	2.5 feet
Grass carp		1	7/8/2002	upstream	2.5 feet
Grass carp		1	7/9/2002	upstream	2.5 feet
Grass carp		1	7/16/2002	upstream	2.5 feet
Grass carp	12	1	8/17/2002	upstream	3 feet
Grass carp		2	7/3/2002	upstream	2.5 feet
Grass carp		2	7/13/2002	upstream	2.5 feet
Grass carp	3	2	9/21/2002	upstream	2.5 feet
Grass carp		3	7/4/2002	upstream	
Grass carp		3	7/11/2002	upstream	
Grass carp		3	7/12/2002	upstream	
Grass carp		3	7/31/2002	upstream	
Grass carp		3	8/12/2002	upstream	
Grass carp		3	9/3/2002	upstream	
Grass carp		3	9/23/2002	upstream	
Grass carp		3	9/26/2002	upstream	
Grass carp	9	3	10/28/2002	upstream	
Grass carp		5	7/6/2002	upstream	
Grass carp		5	7/24/2002	upstream	
Grass carp	3	5	8/14/2002	upstream	

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon	1	6/21/2002	upstream	1 feet	
sturgeon	1	6/27/2002	upstream	1 feet	
sturgeon	1	9/12/2002	upstream	3 feet	
sturgeon	1	9/19/2002	upstream	3 feet	
sturgeon	1	9/25/2002	upstream	2.5 feet	
sturgeon	1	9/25/2002	upstream	4 feet	
sturgeon	1	9/27/2002	upstream	4 feet	
sturgeon	1	9/28/2002	upstream	3.5 feet	
sturgeon	1	9/29/2002	upstream	2.5 feet	
sturgeon	1	10/2/2002	upstream	3 feet	
sturgeon	11	1	10/20/2002	upstream	2.5 feet
sturgeon	2	7/7/2002	upstream	4 feet	
sturgeon	2	7/10/2002	upstream	4 feet	
sturgeon	2	7/27/2002	upstream	3 feet	
sturgeon	2	8/3/2002	upstream	3.5 feet	
sturgeon	2	8/4/2002	upstream	5 feet	
sturgeon	2	8/6/2002	upstream	4 feet	
sturgeon	2	8/7/2002	upstream	3 feet	
sturgeon	2	8/10/2002	upstream	3 feet	
sturgeon	2	8/12/2002	upstream	3 feet	
sturgeon	2	8/18/2002	upstream	3 feet	
sturgeon	2	8/21/2002	upstream	2.5 feet	
sturgeon	2	8/21/2002	upstream	3 feet	
sturgeon	2	8/30/2002	upstream	2.5 feet	
sturgeon	2	9/4/2002	upstream	2 feet	
sturgeon	2	9/9/2002	upstream	3 feet	
sturgeon	2	9/20/2002	upstream	3.5 feet	
sturgeon	2	9/22/2002	upstream	2.5 feet	
sturgeon	2	10/2/2002	upstream	3.5 feet	
sturgeon	19	2	10/18/2002	upstream	3 feet
sturgeon	3	6/4/2002	upstream	4.5 feet	
sturgeon	3	6/8/2002	upstream	4 feet	
sturgeon	3	6/21/2002	upstream	4 feet	
sturgeon	3	6/22/2002	upstream	5 feet	
sturgeon	3	6/23/2002	upstream	5.5 feet	
sturgeon	3	6/26/2002	upstream	3 feet	

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	6/26/2002	upstream	4.5 feet
sturgeon	3	6/26/2002	upstream	5 feet
sturgeon	3	6/27/2002	upstream	4 feet
sturgeon	3	6/27/2002	upstream	7 feet
sturgeon	3	6/28/2002	upstream	3.5 feet
sturgeon	3	6/28/2002	upstream	4 feet
sturgeon	3	6/28/2002	upstream	5 feet
sturgeon	3	6/30/2002	upstream	3.5 feet
sturgeon	3	6/30/2002	upstream	4 feet
sturgeon	3	7/1/2002	upstream	4 feet
sturgeon	3	7/1/2002	upstream	5 feet
sturgeon	3	7/3/2002	upstream	4 feet
sturgeon	3	7/3/2002	upstream	6 feet
sturgeon	3	7/3/2002	upstream	6 feet
sturgeon	3	7/4/2002	upstream	4 feet
sturgeon	3	7/4/2002	upstream	5 feet
sturgeon	3	7/5/2002	upstream	2.5 feet
sturgeon	3	7/5/2002	upstream	3 feet
sturgeon	3	7/5/2002	upstream	3 feet
sturgeon	3	7/5/2002	upstream	3 feet
sturgeon	3	7/5/2002	upstream	4 feet
sturgeon	3	7/5/2002	upstream	4.5 feet
sturgeon	3	7/5/2002	upstream	5 feet
sturgeon	3	7/6/2002	upstream	4 feet
sturgeon	3	7/6/2002	upstream	4 feet
sturgeon	3	7/6/2002	upstream	4.5 feet
sturgeon	3	7/6/2002	upstream	5.5 feet
sturgeon	3	7/6/2002	upstream	5.5 feet
sturgeon	3	7/7/2002	upstream	3 feet
sturgeon	3	7/7/2002	upstream	3 feet
sturgeon	3	7/7/2002	upstream	4 feet
sturgeon	3	7/7/2002	upstream	4 feet
sturgeon	3	7/8/2002	upstream	3.5 feet
sturgeon	3	7/8/2002	upstream	4 feet
sturgeon	3	7/9/2002	upstream	3 feet
sturgeon	3	7/9/2002	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/9/2002	upstream	5 feet
sturgeon	3	7/10/2002	upstream	3.5 feet
sturgeon	3	7/10/2002	upstream	4 feet
sturgeon	3	7/10/2002	upstream	4 feet
sturgeon	3	7/10/2002	upstream	4.5 feet
sturgeon	3	7/10/2002	upstream	5 feet
sturgeon	3	7/10/2002	upstream	5 feet
sturgeon	3	7/11/2002	upstream	3 feet
sturgeon	3	7/12/2002	upstream	2.5 feet
sturgeon	3	7/12/2002	upstream	4 feet
sturgeon	3	7/12/2002	upstream	4.5 feet
sturgeon	3	7/12/2002	upstream	5 feet
sturgeon	3	7/12/2002	upstream	6 feet
sturgeon	3	7/13/2002	upstream	2.5 feet
sturgeon	3	7/13/2002	upstream	2.5 feet
sturgeon	3	7/13/2002	upstream	3 feet
sturgeon	3	7/13/2002	upstream	4 feet
sturgeon	3	7/13/2002	upstream	4.5 feet
sturgeon	3	7/14/2002	upstream	2 feet
sturgeon	3	7/14/2002	upstream	2.5 feet
sturgeon	3	7/14/2002	upstream	4 feet
sturgeon	3	7/15/2002	upstream	3 feet
sturgeon	3	7/15/2002	upstream	4 feet
sturgeon	3	7/15/2002	upstream	5 feet
sturgeon	3	7/15/2002	upstream	7 feet
sturgeon	3	7/16/2002	upstream	3.5 feet
sturgeon	3	7/16/2002	upstream	4 feet
sturgeon	3	7/16/2002	upstream	4 feet
sturgeon	3	7/16/2002	upstream	4 feet
sturgeon	3	7/16/2002	upstream	4.5 feet
sturgeon	3	7/16/2002	upstream	5.5 feet
sturgeon	3	7/17/2002	upstream	3 feet
sturgeon	3	7/17/2002	upstream	3.5 feet
sturgeon	3	7/17/2002	upstream	3.5 feet
sturgeon	3	7/17/2002	upstream	4.5 feet
sturgeon	3	7/17/2002	upstream	4.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/17/2002	upstream	5.5 feet
sturgeon	3	7/17/2002	upstream	5.5 feet
sturgeon	3	7/18/2002	upstream	2.5 feet
sturgeon	3	7/18/2002	upstream	3 feet
sturgeon	3	7/18/2002	upstream	3.5 feet
sturgeon	3	7/18/2002	upstream	4 feet
sturgeon	3	7/18/2002	upstream	4 feet
sturgeon	3	7/18/2002	upstream	5 feet
sturgeon	3	7/18/2002	upstream	6 feet
sturgeon	3	7/19/2002	upstream	2.5 feet
sturgeon	3	7/19/2002	upstream	3 feet
sturgeon	3	7/19/2002	upstream	3 feet
sturgeon	3	7/19/2002	upstream	3.5 feet
sturgeon	3	7/19/2002	upstream	3.5 feet
sturgeon	3	7/19/2002	upstream	4 feet
sturgeon	3	7/19/2002	upstream	4 feet
sturgeon	3	7/20/2002	upstream	2 feet
sturgeon	3	7/20/2002	upstream	2 feet
sturgeon	3	7/20/2002	upstream	2.5 feet
sturgeon	3	7/20/2002	upstream	3 feet
sturgeon	3	7/20/2002	upstream	3 feet
sturgeon	3	7/20/2002	upstream	3 feet
sturgeon	3	7/20/2002	upstream	4.5 feet
sturgeon	3	7/21/2002	upstream	3 feet
sturgeon	3	7/21/2002	upstream	3 feet
sturgeon	3	7/21/2002	upstream	3.5 feet
sturgeon	3	7/21/2002	upstream	4 feet
sturgeon	3	7/21/2002	upstream	6 feet
sturgeon	3	7/22/2002	upstream	2 feet
sturgeon	3	7/22/2002	upstream	2.5 feet
sturgeon	3	7/22/2002	upstream	3 feet
sturgeon	3	7/22/2002	upstream	3 feet
sturgeon	3	7/22/2002	upstream	4 feet
sturgeon	3	7/22/2002	upstream	4 feet
sturgeon	3	7/22/2002	upstream	4 feet
sturgeon	3	7/22/2002	upstream	5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/23/2002	upstream	2.5 feet
sturgeon	3	7/23/2002	upstream	2.5 feet
sturgeon	3	7/23/2002	upstream	2.5 feet
sturgeon	3	7/23/2002	upstream	3 feet
sturgeon	3	7/23/2002	upstream	3.5 feet
sturgeon	3	7/23/2002	upstream	4 feet
sturgeon	3	7/23/2002	upstream	4.5 feet
sturgeon	3	7/23/2002	upstream	5 feet
sturgeon	3	7/24/2002	upstream	2 feet
sturgeon	3	7/24/2002	upstream	4 feet
sturgeon	3	7/24/2002	upstream	4 feet
sturgeon	3	7/25/2002	upstream	2.5 feet
sturgeon	3	7/25/2002	upstream	3 feet
sturgeon	3	7/25/2002	upstream	4 feet
sturgeon	3	7/25/2002	upstream	4.5 feet
sturgeon	3	7/25/2002	upstream	5.5 feet
sturgeon	3	7/26/2002	upstream	2.5 feet
sturgeon	3	7/26/2002	upstream	3 feet
sturgeon	3	7/26/2002	upstream	3.5 feet
sturgeon	3	7/26/2002	upstream	4.5 feet
sturgeon	3	7/27/2002	upstream	2.5 feet
sturgeon	3	7/27/2002	upstream	2.5 feet
sturgeon	3	7/27/2002	upstream	3 feet
sturgeon	3	7/27/2002	upstream	3 feet
sturgeon	3	7/27/2002	upstream	3.5 feet
sturgeon	3	7/27/2002	upstream	4 feet
sturgeon	3	7/27/2002	upstream	4 feet
sturgeon	3	7/27/2002	upstream	4.5 feet
sturgeon	3	7/27/2002	upstream	5.5 feet
sturgeon	3	7/28/2002	upstream	2 feet
sturgeon	3	7/28/2002	upstream	4 feet
sturgeon	3	7/28/2002	upstream	4 feet
sturgeon	3	7/28/2002	upstream	6.5 feet
sturgeon	3	7/28/2002	upstream	8 feet
sturgeon	3	7/29/2002	upstream	2.5 feet
sturgeon	3	7/29/2002	upstream	2.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/29/2002	upstream	2.5 feet
sturgeon	3	7/29/2002	upstream	3 feet
sturgeon	3	7/29/2002	upstream	3 feet
sturgeon	3	7/29/2002	upstream	3 feet
sturgeon	3	7/29/2002	upstream	4.5 feet
sturgeon	3	7/29/2002	upstream	5 feet
sturgeon	3	7/30/2002	upstream	4.5 feet
sturgeon	3	7/30/2002	upstream	6 feet
sturgeon	3	7/31/2002	upstream	4 feet
sturgeon	3	7/31/2002	upstream	5 feet
sturgeon	3	8/1/2002	upstream	4.5 feet
sturgeon	3	8/2/2002	upstream	1.5 feet
sturgeon	3	8/2/2002	upstream	3 feet
sturgeon	3	8/2/2002	upstream	3.5 feet
sturgeon	3	8/2/2002	upstream	4 feet
sturgeon	3	8/3/2002	upstream	2.5 feet
sturgeon	3	8/3/2002	upstream	2.5 feet
sturgeon	3	8/3/2002	upstream	3 feet
sturgeon	3	8/3/2002	upstream	3.5 feet
sturgeon	3	8/3/2002	upstream	4 feet
sturgeon	3	8/4/2002	upstream	3.5 feet
sturgeon	3	8/4/2002	upstream	4 feet
sturgeon	3	8/4/2002	upstream	5 feet
sturgeon	3	8/5/2002	upstream	4 feet
sturgeon	3	8/6/2002	upstream	2 feet
sturgeon	3	8/6/2002	upstream	3 feet
sturgeon	3	8/7/2002	upstream	3 feet
sturgeon	3	8/7/2002	upstream	3.5 feet
sturgeon	3	8/7/2002	upstream	4 feet
sturgeon	3	8/8/2002	upstream	2.5 feet
sturgeon	3	8/8/2002	upstream	3 feet
sturgeon	3	8/8/2002	upstream	3 feet
sturgeon	3	8/9/2002	upstream	2 feet
sturgeon	3	8/9/2002	upstream	3 feet
sturgeon	3	8/10/2002	upstream	2.5 feet
sturgeon	3	8/10/2002	upstream	8 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/11/2002	upstream	2 feet
sturgeon	3	8/11/2002	upstream	4 feet
sturgeon	3	8/12/2002	upstream	2 feet
sturgeon	3	8/12/2002	upstream	2.5 feet
sturgeon	3	8/12/2002	upstream	3 feet
sturgeon	3	8/12/2002	upstream	3 feet
sturgeon	3	8/12/2002	upstream	3.5 feet
sturgeon	3	8/12/2002	upstream	3.5 feet
sturgeon	3	8/12/2002	upstream	4 feet
sturgeon	3	8/13/2002	upstream	2.5 feet
sturgeon	3	8/13/2002	upstream	3 feet
sturgeon	3	8/13/2002	upstream	3.5 feet
sturgeon	3	8/13/2002	upstream	5.5 feet
sturgeon	3	8/14/2002	upstream	2 feet
sturgeon	3	8/14/2002	upstream	3 feet
sturgeon	3	8/16/2002	upstream	3 feet
sturgeon	3	8/16/2002	upstream	4 feet
sturgeon	3	8/16/2002	upstream	5 feet
sturgeon	3	8/18/2002	upstream	3 feet
sturgeon	3	8/18/2002	upstream	3 feet
sturgeon	3	8/18/2002	upstream	5 feet
sturgeon	3	8/19/2002	upstream	3.5 feet
sturgeon	3	8/19/2002	upstream	6 feet
sturgeon	3	8/20/2002	upstream	3.5 feet
sturgeon	3	8/22/2002	upstream	8 feet
sturgeon	3	8/23/2002	upstream	4 feet
sturgeon	3	8/23/2002	upstream	7 feet
sturgeon	3	8/24/2002	upstream	2.5 feet
sturgeon	3	8/25/2002	upstream	2.5 feet
sturgeon	3	8/25/2002	upstream	4 feet
sturgeon	3	8/26/2002	upstream	3 feet
sturgeon	3	8/26/2002	upstream	3.5 feet
sturgeon	3	8/27/2002	upstream	3 feet
sturgeon	3	8/27/2002	upstream	5 feet
sturgeon	3	8/28/2002	upstream	3 feet
sturgeon	3	8/28/2002	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/28/2002	upstream	6 feet
sturgeon	3	8/29/2002	upstream	3 feet
sturgeon	3	8/31/2002	upstream	2 feet
sturgeon	3	8/31/2002	upstream	3 feet
sturgeon	3	9/1/2002	upstream	2 feet
sturgeon	3	9/2/2002	upstream	8 feet
sturgeon	3	9/4/2002	upstream	4 feet
sturgeon	3	9/4/2002	upstream	4.5 feet
sturgeon	3	9/4/2002	upstream	5 feet
sturgeon	3	9/5/2002	upstream	2.5 feet
sturgeon	3	9/6/2002	upstream	4 feet
sturgeon	3	9/8/2002	upstream	2 feet
sturgeon	3	9/8/2002	upstream	3 feet
sturgeon	3	9/11/2002	upstream	3.5 feet
sturgeon	3	9/11/2002	upstream	4 feet
sturgeon	3	9/12/2002	upstream	3 feet
sturgeon	3	9/13/2002	upstream	4 feet
sturgeon	3	9/14/2002	upstream	2 feet
sturgeon	3	9/17/2002	upstream	3 feet
sturgeon	3	9/18/2002	upstream	5 feet
sturgeon	3	9/20/2002	upstream	4 feet
sturgeon	3	9/22/2002	upstream	3 feet
sturgeon	3	9/23/2002	upstream	3 feet
sturgeon	3	9/24/2002	upstream	3 feet
sturgeon	3	9/28/2002	upstream	3 feet
sturgeon	3	10/5/2002	upstream	4 feet
sturgeon	3	10/12/2002	upstream	5.5 feet
sturgeon	250 3	10/21/2002	upstream	6 feet
sturgeon	4	6/6/2002	upstream	6 feet
sturgeon	4	7/5/2002	upstream	5 feet
sturgeon	4	7/19/2002	upstream	5 feet
sturgeon	4	7/27/2002	upstream	5 feet
sturgeon	4	8/2/2002	upstream	6 feet
sturgeon	4	8/8/2002	upstream	1.5 feet
sturgeon	4	8/15/2002	upstream	3 feet
sturgeon	4	8/22/2002	upstream	4.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon		4	8/23/2002	upstream	4.5 feet
sturgeon	10	4	9/5/2002	upstream	3 feet
sturgeon		5	9/1/2002	upstream	2.5 feet
sturgeon		5	9/2/2002	upstream	3 feet
sturgeon		5	9/21/2002	upstream	2.5 feet
sturgeon		5	9/21/2002	upstream	2.5 feet
sturgeon	5	5	9/21/2002	upstream	3 feet
sturgeon		6	7/21/2002	upstream	3.5 feet
sturgeon		6	8/14/2002	upstream	3 feet
sturgeon	3	6	8/24/2002	upstream	3.5 feet

Notes about fish counting in 2001

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles and John Day fish counting started on 4/1 and was done 16 hours a day through 10/31.

The miscellaneous fish counts from McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite were lost.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.*	Ladder	Date	Swimming Direction	Length
*cumulative sightings in each fishladder this year					
Grass carp		1	6/2/2001	upstream	2.5 feet
Grass carp		1	6/5/2001	upstream	2.5 feet
Grass carp		1	6/6/2001	upstream	2.5 feet
Grass carp		1	6/21/2001	upstream	3 feet
Grass carp		1	6/23/2001	upstream	2.5 feet
Grass carp		1	6/23/2001	upstream	3 feet
Grass carp		1	6/24/2001	upstream	3 feet
Grass carp		1	6/28/2001	upstream	2.5 feet
Grass carp		1	6/29/2001	upstream	2.5 feet
Grass carp		1	6/30/2001	upstream	1.5 feet
Grass carp		1	6/30/2001	upstream	2.5 feet
Grass carp		1	6/30/2001	upstream	2.5 feet
Grass carp		1	6/30/2001	upstream	2 feet
Grass carp		1	6/30/2001	upstream	3 feet
Grass carp		1	7/3/2001	upstream	2.5 feet
Grass carp		1	7/4/2001	upstream	2.5 feet
Grass carp		1	7/4/2001	upstream	2.5 feet
Grass carp		1	7/4/2001	upstream	3 feet
Grass carp		1	7/4/2001	upstream	3 feet
Grass carp	20	1	8/12/2001	upstream	4 feet
Grass carp		2	6/21/2001	upstream	2.5 feet
Grass carp		2	8/19/2001	upstream	2.5 feet
Grass carp	3	2	10/13/2001	upstream	3.5 feet
Grass carp		3	6/8/2001	upstream	
Grass carp		3	7/20/2001	upstream	
Grass carp		3	9/9/2001	upstream	
Grass carp		3	9/20/2001	upstream	
Grass carp		3	10/7/2001	upstream	

Species	Cum. Ladder	Date	Swimming Direction	Length
Grass carp	3	10/19/2001	upstream	
Grass carp	7	10/19/2001	upstream	
Grass carp	1	6/20/2001	upstream	
sturgeon	1	6/10/2001	upstream	3.5 feet
sturgeon	1	6/14/2001	upstream	4 feet
sturgeon	1	6/26/2001	upstream	6 feet
sturgeon	1	6/27/2001	upstream	3 feet
sturgeon	1	6/29/2001	upstream	3.5 feet
sturgeon	1	6/30/2001	upstream	2.5 feet
sturgeon	1	7/3/2001	upstream	2.5 feet
sturgeon	1	7/3/2001	upstream	6 feet
sturgeon	1	7/4/2001	upstream	6 feet
sturgeon	1	7/7/2001	upstream	4 feet
sturgeon	1	7/7/2001	upstream	5 feet
sturgeon	1	7/7/2001	upstream	6 feet
sturgeon	1	7/8/2001	upstream	4 feet
sturgeon	1	7/28/2001	upstream	3.5 feet
sturgeon	1	8/4/2001	upstream	2.5 feet
sturgeon	1	8/9/2001	upstream	6 feet
sturgeon	1	8/18/2001	upstream	6 feet
sturgeon	1	8/19/2001	upstream	4.5 feet
sturgeon	1	8/21/2001	upstream	5 feet
sturgeon	1	8/21/2001	upstream	7 feet
sturgeon	1	8/24/2001	upstream	4.5 feet
sturgeon	1	8/24/2001	upstream	5.5 feet
sturgeon	1	8/26/2001	upstream	2.5 feet
sturgeon	1	8/26/2001	upstream	5.5 feet
sturgeon	1	8/30/2001	upstream	4 feet
sturgeon	1	8/31/2001	upstream	2 feet
sturgeon	1	8/31/2001	upstream	4 feet
sturgeon	1	8/31/2001	upstream	5 feet
sturgeon	1	9/1/2001	upstream	2.5 feet
sturgeon	1	9/1/2001	upstream	4.5 feet
sturgeon	1	9/1/2001	upstream	6.5 feet
sturgeon	1	9/1/2001	upstream	5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon	1	9/1/2001	upstream	6 feet	
sturgeon	1	9/2/2001	upstream	2 feet	
sturgeon	1	9/3/2001	upstream	5.5 feet	
sturgeon	1	9/3/2001	upstream	3 feet	
sturgeon	1	9/4/2001	upstream	1.5 feet	
sturgeon	1	9/5/2001	upstream	1.5 feet	
sturgeon	1	9/5/2001	upstream	3 feet	
sturgeon	1	9/5/2001	upstream	5 feet	
sturgeon	1	9/6/2001	upstream	1.5 feet	
sturgeon	1	9/6/2001	upstream	6 feet	
sturgeon	1	9/7/2001	upstream	3 feet	
sturgeon	1	9/7/2001	upstream	6 feet	
sturgeon	1	9/9/2001	upstream	5 feet	
sturgeon	1	9/12/2001	upstream	1.5 feet	
sturgeon	1	9/12/2001	upstream	2 feet	
sturgeon	1	9/14/2001	upstream	5 feet	
sturgeon	1	9/25/2001	upstream	2 feet	
sturgeon	1	9/26/2001	upstream		
sturgeon	1	9/27/2001	upstream	3 feet	
sturgeon	1	10/2/2001	upstream	3.5 feet	
sturgeon	1	10/3/2001	upstream	3 feet	
sturgeon	1	10/5/2001	upstream	2.5 feet	
sturgeon	1	10/6/2001	upstream	3.5 feet	
sturgeon	1	10/6/2001	upstream	5 feet	
sturgeon	1	10/8/2001	upstream	2.5 feet	
sturgeon	1	10/8/2001	upstream	6 feet	
sturgeon	1	10/9/2001	upstream	3 feet	
sturgeon	60	1	10/13/2001	upstream	2.5 feet
sturgeon	2	7/10/2001	upstream	3 feet	
sturgeon	2	9/30/2001	upstream	3 feet	
sturgeon	2	10/1/2001	upstream	3 feet	
sturgeon	2	10/8/2001	upstream	3.5 feet	
sturgeon	2	10/10/2001	upstream	3 feet	
sturgeon	6	2	10/13/2001	upstream	3 feet
sturgeon	3	5/12/2001	upstream	5 feet	
sturgeon	3	6/8/2001	upstream	4 feet	

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	6/9/2001	upstream	3 feet
sturgeon	3	6/17/2001	upstream	3.5 feet
sturgeon	3	6/19/2001	upstream	5 feet
sturgeon	3	6/20/2001	upstream	4 feet
sturgeon	3	6/21/2001	upstream	4 feet
sturgeon	3	6/22/2001	upstream	4.5 feet
sturgeon	3	6/23/2001	upstream	3 feet
sturgeon	3	6/23/2001	upstream	4.5 feet
sturgeon	3	6/23/2001	upstream	6 feet
sturgeon	3	6/24/2001	upstream	5 feet
sturgeon	3	6/24/2001	upstream	5.5 feet
sturgeon	3	6/25/2001	upstream	5 feet
sturgeon	3	6/25/2001	upstream	6 feet
sturgeon	3	6/26/2001	upstream	3 feet
sturgeon	3	6/27/2001	upstream	5.5 feet
sturgeon	3	6/27/2001	upstream	5.5 feet
sturgeon	3	6/27/2001	upstream	6.5 feet
sturgeon	3	6/30/2001	upstream	6 feet
sturgeon	3	6/30/2001	upstream	6 feet
sturgeon	3	7/1/2001	upstream	2.5 feet
sturgeon	3	7/1/2001	upstream	8 feet
sturgeon	3	7/2/2001	upstream	2.5 feet
sturgeon	3	7/2/2001	upstream	5.5 feet
sturgeon	3	7/2/2001	upstream	6 feet
sturgeon	3	7/2/2001	upstream	6 feet
sturgeon	3	7/2/2001	upstream	6.5 feet
sturgeon	3	7/3/2001	upstream	5 feet
sturgeon	3	7/3/2001	upstream	5.5 feet
sturgeon	3	7/3/2001	upstream	6 feet
sturgeon	3	7/3/2001	upstream	6.5 feet
sturgeon	3	7/3/2001	upstream	6.5 feet
sturgeon	3	7/3/2001	upstream	7 feet
sturgeon	3	7/3/2001	upstream	7 feet
sturgeon	3	7/3/2001	upstream	8 feet
sturgeon	3	7/3/2001	upstream	9 feet
sturgeon	3	7/4/2001	upstream	2.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/4/2001	upstream	5 feet
sturgeon	3	7/4/2001	upstream	6 feet
sturgeon	3	7/5/2001	upstream	4 feet
sturgeon	3	7/5/2001	upstream	7 feet
sturgeon	3	7/5/2001	upstream	7 feet
sturgeon	3	7/5/2001	upstream	7 feet
sturgeon	3	7/5/2001	upstream	7 feet
sturgeon	3	7/5/2001	upstream	8 feet
sturgeon	3	7/6/2001	upstream	1 feet
sturgeon	3	7/6/2001	upstream	6 feet
sturgeon	3	7/7/2001	upstream	3 feet
sturgeon	3	7/8/2001	upstream	4 feet
sturgeon	3	7/8/2001	upstream	4.5 feet
sturgeon	3	7/8/2001	upstream	7 feet
sturgeon	3	7/8/2001	upstream	7 feet
sturgeon	3	7/9/2001	upstream	8 feet
sturgeon	3	7/10/2001	upstream	3.5 feet
sturgeon	3	7/10/2001	upstream	6 feet
sturgeon	3	7/10/2001	upstream	6 feet
sturgeon	3	7/11/2001	upstream	8 feet
sturgeon	3	7/12/2001	upstream	6 feet
sturgeon	3	7/12/2001	upstream	6 feet
sturgeon	3	7/13/2001	upstream	2 feet
sturgeon	3	7/13/2001	upstream	3 feet
sturgeon	3	7/13/2001	upstream	3.5 feet
sturgeon	3	7/13/2001	upstream	4 feet
sturgeon	3	7/13/2001	upstream	4 feet
sturgeon	3	7/13/2001	upstream	4.5 feet
sturgeon	3	7/13/2001	upstream	7 feet
sturgeon	3	7/13/2001	upstream	7 feet
sturgeon	3	7/14/2001	upstream	3.5 feet
sturgeon	3	7/14/2001	upstream	4.5 feet
sturgeon	3	7/14/2001	upstream	6 feet
sturgeon	3	7/14/2001	upstream	6 feet
sturgeon	3	7/14/2001	upstream	6.5 feet
sturgeon	3	7/15/2001	upstream	2 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/15/2001	upstream	2 feet
sturgeon	3	7/15/2001	upstream	7 feet
sturgeon	3	7/16/2001	upstream	4 feet
sturgeon	3	7/17/2001	upstream	4 feet
sturgeon	3	7/17/2001	upstream	6 feet
sturgeon	3	7/17/2001	upstream	6 feet
sturgeon	3	7/17/2001	upstream	8 feet
sturgeon	3	7/18/2001	upstream	2 feet
sturgeon	3	7/18/2001	upstream	3.5 feet
sturgeon	3	7/20/2001	upstream	3 feet
sturgeon	3	7/20/2001	upstream	6 feet
sturgeon	3	7/21/2001	upstream	2.5 feet
sturgeon	3	7/21/2001	upstream	6 feet
sturgeon	3	7/22/2001	upstream	8 feet
sturgeon	3	7/23/2001	upstream	8 feet
sturgeon	3	7/26/2001	upstream	7.5 feet
sturgeon	3	7/28/2001	upstream	6 feet
sturgeon	3	7/28/2001	upstream	7.5 feet
sturgeon	3	7/29/2001	upstream	2 feet
sturgeon	3	7/31/2001	upstream	2 feet
sturgeon	3	7/31/2001	upstream	4 feet
sturgeon	3	8/2/2001	upstream	3 feet
sturgeon	3	8/2/2001	upstream	5 feet
sturgeon	3	8/2/2001	upstream	7 feet
sturgeon	3	8/3/2001	upstream	5 feet
sturgeon	3	8/3/2001	upstream	7 feet
sturgeon	3	8/5/2001	upstream	3 feet
sturgeon	3	8/6/2001	upstream	2.5 feet
sturgeon	3	8/6/2001	upstream	3 feet
sturgeon	3	8/8/2001	upstream	3 feet
sturgeon	3	8/9/2001	upstream	4.5 feet
sturgeon	3	8/9/2001	upstream	6.5 feet
sturgeon	3	8/11/2001	upstream	4 feet
sturgeon	3	8/12/2001	upstream	3 feet
sturgeon	3	8/13/2001	upstream	3 feet
sturgeon	3	8/13/2001	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/14/2001	upstream	3 feet
sturgeon	3	8/14/2001	upstream	3.5 feet
sturgeon	3	8/17/2001	upstream	3.5 feet
sturgeon	3	8/17/2001	upstream	4 feet
sturgeon	3	8/18/2001	upstream	4 feet
sturgeon	3	8/20/2001	upstream	3 feet
sturgeon	3	8/20/2001	upstream	6 feet
sturgeon	3	8/21/2001	upstream	4 feet
sturgeon	3	8/22/2001	upstream	3 feet
sturgeon	3	8/22/2001	upstream	4 feet
sturgeon	3	8/22/2001	upstream	6 feet
sturgeon	3	8/22/2001	upstream	6 feet
sturgeon	3	8/23/2001	upstream	2 feet
sturgeon	3	8/23/2001	upstream	6 feet
sturgeon	3	8/24/2001	upstream	3 feet
sturgeon	3	8/24/2001	upstream	6.5 feet
sturgeon	3	8/25/2001	upstream	3 feet
sturgeon	3	8/25/2001	upstream	3 feet
sturgeon	3	8/26/2001	upstream	2 feet
sturgeon	3	8/26/2001	upstream	3 feet
sturgeon	3	8/26/2001	upstream	3 feet
sturgeon	3	8/26/2001	upstream	4 feet
sturgeon	3	8/26/2001	upstream	7 feet
sturgeon	3	8/29/2001	upstream	5.5 feet
sturgeon	3	8/29/2001	upstream	6 feet
sturgeon	3	8/31/2001	upstream	3 feet
sturgeon	3	9/4/2001	upstream	7 feet
sturgeon	3	9/7/2001	upstream	3.5 feet
sturgeon	3	9/8/2001	upstream	1.5 feet
sturgeon	3	9/8/2001	upstream	7 feet
sturgeon	3	9/10/2001	upstream	2 feet
sturgeon	3	9/11/2001	upstream	3.5 feet
sturgeon	3	9/12/2001	upstream	0.5 feet
sturgeon	3	9/14/2001	upstream	7 feet
sturgeon	3	9/15/2001	upstream	4 feet
sturgeon	3	9/17/2001	upstream	2.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	9/20/2001	upstream	3 feet
sturgeon	3	9/24/2001	upstream	3 feet
sturgeon	3	9/24/2001	upstream	4 feet
sturgeon	3	9/25/2001	upstream	3 feet
sturgeon	3	9/26/2001	upstream	2 feet
sturgeon	3	10/2/2001	upstream	2.5 feet
sturgeon	3	10/8/2001	upstream	2.5 feet
sturgeon	3	10/8/2001	upstream	3 feet
sturgeon	3	10/11/2001	upstream	7.5 feet
sturgeon	3	10/23/2001	upstream	4 feet
sturgeon	157	3 10/24/2001	upstream	5 feet
sturgeon	4	6/23/2001	upstream	5 feet
sturgeon	4	6/24/2001	upstream	5 feet
sturgeon	4	6/29/2001	upstream	3 feet
sturgeon	4	7/6/2001	upstream	4 feet
sturgeon	4	7/9/2001	upstream	3.5 feet
sturgeon	4	7/11/2001	upstream	5 feet
sturgeon	4	7/12/2001	upstream	4 feet
sturgeon	4	7/13/2001	upstream	5 feet
sturgeon	4	7/14/2001	upstream	3 feet
sturgeon	4	7/18/2001	upstream	4 feet
sturgeon	4	7/19/2001	upstream	3.5 feet
sturgeon	4	7/29/2001	upstream	4 feet
sturgeon	4	8/4/2001	upstream	5 feet
sturgeon	4	8/6/2001	upstream	4 feet
sturgeon	4	8/8/2001	upstream	3 feet
sturgeon	4	8/11/2001	upstream	4 feet
sturgeon	4	8/27/2001	upstream	4 feet
sturgeon	4	8/30/2001	upstream	5 feet
sturgeon	4	9/1/2001	upstream	3 feet
sturgeon	4	9/7/2001	upstream	3 feet
sturgeon	4	9/14/2001	upstream	3 feet
sturgeon	4	9/14/2001	upstream	5 feet
sturgeon	4	9/16/2001	upstream	2.5 feet
sturgeon	4	9/20/2001	upstream	2.5 feet
sturgeon	4	9/21/2001	upstream	3 feet

Species	Cum.	Ladder	Date	Swimming Direction	Length
sturgeon	26	4	9/23/2001	upstream	2.5 feet
sturgeon		6	7/8/2001	upstream	3 feet
sturgeon		6	7/26/2001	upstream	6 feet
sturgeon		6	8/17/2001	upstream	4 feet
sturgeon		6	8/18/2001	upstream	3 feet
sturgeon		6	8/23/2001	upstream	2.5 feet
sturgeon		6	10/1/2001	upstream	3.5 feet
sturgeon	7	6	10/22/2001	upstream	4 feet

Notes about fish counting in 2000

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles and John Day fish counting started on 4/1 and was done 16 hours a day through 10/31.

The miscellaneous fish counts from McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite were lost.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.*	Ladder	Date	Swimming Direction	Length
*cumulative sightings in each fishladder this year					
Grass Carp		1	7/2/2000	upstream	
Grass Carp	2	1	7/15/2000	upstream	
Grass Carp	1	2	8/1/2000	upstream	2.5 feet
Grass carp		3	8/13/2000	upstream	
Grass carp		3	8/15/2000	upstream	
Grass carp		3	8/16/2000	upstream	
Grass carp		3	8/18/2000	upstream	
Grass carp		3	8/20/2000	upstream	
Grass carp		3	8/24/2000	upstream	
Grass carp		3	8/29/2000	upstream	
Grass carp		3	9/19/2000	upstream	
Grass carp		3	9/27/2000	upstream	
Grass carp	10	3	9/30/2000	upstream	
Grass carp	1	4	7/24/2000	upstream	
Grass carp	1	5	8/15/2000	upstream	3 feet
Grass carp		6	7/16/2000	upstream	
Grass carp	2	6	9/4/2000	upstream	3 feet
sturgeon		1	7/29/2000	upstream	4.5 feet
sturgeon		1	8/6/2000	upstream	5.5 feet
sturgeon		1	8/7/2000	upstream	3.5 feet
sturgeon		1	8/7/2000	upstream	5 feet
sturgeon		1	8/18/2000	upstream	3 feet
sturgeon		1	8/20/2000	upstream	4.5 feet
sturgeon		1	8/26/2000	upstream	3 feet
sturgeon		1	8/28/2000	upstream	2 feet
sturgeon		1	8/28/2000	upstream	5 feet
sturgeon		1	9/16/2000	upstream	2.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon	1	9/17/2000	upstream	3.5 feet	
sturgeon	1	9/21/2000	upstream	6 feet	
sturgeon	1	9/26/2000	upstream	3.5 feet	
sturgeon	1	9/28/2000	upstream		
sturgeon	1	10/2/2000	upstream		
sturgeon	16	1	10/5/2000	upstream	
sturgeon	2	7/4/2000	upstream	4 feet	
sturgeon	2	7/14/2000	upstream	4 feet	
sturgeon	2	7/16/2000	upstream	4 feet	
sturgeon	2	7/18/2000	upstream	4 feet	
sturgeon	2	7/28/2000	upstream	3 feet	
sturgeon	6	2	10/31/2000	upstream	4.5 feet
sturgeon	3	5/22/2000	upstream	5 feet	
sturgeon	3	5/23/2000	upstream	6 feet	
sturgeon	3	5/24/2000	upstream	4 feet	
sturgeon	3	5/24/2000	upstream	4.5 feet	
sturgeon	3	5/26/2000	upstream	4.5 feet	
sturgeon	3	5/27/2000	upstream	4 feet	
sturgeon	3	5/28/2000	upstream	8 feet	
sturgeon	3	5/29/2000	upstream	4 feet	
sturgeon	3	5/29/2000	upstream	4.5 feet	
sturgeon	3	6/3/2000	upstream	4 feet	
sturgeon	3	6/3/2000	upstream	4.5 feet	
sturgeon	3	6/6/2000	upstream	4 feet	
sturgeon	3	6/8/2000	upstream	4 feet	
sturgeon	3	6/11/2000	upstream	4 feet	
sturgeon	3	6/11/2000	upstream	5.5 feet	
sturgeon	3	6/15/2000	upstream	4.5 feet	
sturgeon	3	6/18/2000	upstream		
sturgeon	3	6/19/2000	upstream	5.5 feet	
sturgeon	3	6/20/2000	upstream	3.5 feet	
sturgeon	3	6/20/2000	upstream	3.5 feet	
sturgeon	3	6/20/2000	upstream	4 feet	
sturgeon	3	6/21/2000	upstream	3.5 feet	
sturgeon	3	6/21/2000	upstream	3.5 feet	
sturgeon	3	6/21/2000	upstream	6 feet	

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	6/23/2000	upstream	4.5 feet
sturgeon	3	6/24/2000	upstream	5 feet
sturgeon	3	6/25/2000	upstream	4 feet
sturgeon	3	6/26/2000	upstream	4 feet
sturgeon	3	6/27/2000	upstream	4 feet
sturgeon	3	6/27/2000	upstream	4.5 feet
sturgeon	3	6/27/2000	upstream	5 feet
sturgeon	3	6/27/2000	upstream	6 feet
sturgeon	3	6/28/2000	upstream	5 feet
sturgeon	3	6/29/2000	upstream	4 feet
sturgeon	3	6/29/2000	upstream	4 feet
sturgeon	3	6/29/2000	upstream	4.5 feet
sturgeon	3	6/29/2000	upstream	5 feet
sturgeon	3	6/30/2000	upstream	4.5 feet
sturgeon	3	6/30/2000	upstream	5 feet
sturgeon	3	6/30/2000	upstream	7 feet
sturgeon	3	7/1/2000	upstream	3.5 feet
sturgeon	3	7/1/2000	upstream	4 feet
sturgeon	3	7/1/2000	upstream	5 feet
sturgeon	3	7/2/2000	upstream	3.5 feet
sturgeon	3	7/2/2000	upstream	4 feet
sturgeon	3	7/2/2000	upstream	4 feet
sturgeon	3	7/2/2000	upstream	4.5 feet
sturgeon	3	7/2/2000	upstream	7 feet
sturgeon	3	7/3/2000	upstream	5 feet
sturgeon	3	7/4/2000	upstream	4 feet
sturgeon	3	7/4/2000	upstream	4 feet
sturgeon	3	7/4/2000	upstream	4 feet
sturgeon	3	7/4/2000	upstream	4.5 feet
sturgeon	3	7/4/2000	upstream	4.5 feet
sturgeon	3	7/4/2000	upstream	5 feet
sturgeon	3	7/5/2000	upstream	4.5 feet
sturgeon	3	7/5/2000	upstream	4.5 feet
sturgeon	3	7/6/2000	upstream	4 feet
sturgeon	3	7/6/2000	upstream	5 feet
sturgeon	3	7/7/2000	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/7/2000	upstream	4 feet
sturgeon	3	7/7/2000	upstream	5 feet
sturgeon	3	7/8/2000	upstream	3 feet
sturgeon	3	7/8/2000	upstream	4 feet
sturgeon	3	7/8/2000	upstream	4 feet
sturgeon	3	7/8/2000	upstream	4.5 feet
sturgeon	3	7/8/2000	upstream	5 feet
sturgeon	3	7/9/2000	upstream	4 feet
sturgeon	3	7/9/2000	upstream	4 feet
sturgeon	3	7/9/2000	upstream	5 feet
sturgeon	3	7/10/2000	upstream	4 feet
sturgeon	3	7/12/2000	upstream	4 feet
sturgeon	3	7/12/2000	upstream	4.5 feet
sturgeon	3	7/13/2000	upstream	2 feet
sturgeon	3	7/13/2000	upstream	3.5 feet
sturgeon	3	7/14/2000	upstream	2 feet
sturgeon	3	7/14/2000	upstream	4 feet
sturgeon	3	7/14/2000	upstream	4.5 feet
sturgeon	3	7/14/2000	upstream	4.5 feet
sturgeon	3	7/17/2000	upstream	5 feet
sturgeon	3	7/17/2000	upstream	6.5 feet
sturgeon	3	7/18/2000	upstream	4.5 feet
sturgeon	3	7/18/2000	upstream	5.5 feet
sturgeon	3	7/19/2000	upstream	3.5 feet
sturgeon	3	7/19/2000	upstream	3.5 feet
sturgeon	3	7/19/2000	upstream	4 feet
sturgeon	3	7/19/2000	upstream	5 feet
sturgeon	3	7/20/2000	upstream	3 feet
sturgeon	3	7/20/2000	upstream	4.5 feet
sturgeon	3	7/20/2000	upstream	5 feet
sturgeon	3	7/21/2000	upstream	5 feet
sturgeon	3	7/22/2000	upstream	3 feet
sturgeon	3	7/23/2000	upstream	2 feet
sturgeon	3	7/23/2000	upstream	2.5 feet
sturgeon	3	7/23/2000	upstream	4 feet
sturgeon	3	7/23/2000	upstream	4.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/23/2000	upstream	6 feet
sturgeon	3	7/25/2000	upstream	2.5 feet
sturgeon	3	7/25/2000	upstream	2.75 feet
sturgeon	3	7/26/2000	upstream	3.5 feet
sturgeon	3	7/26/2000	upstream	4 feet
sturgeon	3	7/27/2000	upstream	4.5 feet
sturgeon	3	7/28/2000	upstream	4 feet
sturgeon	3	7/28/2000	upstream	4.5 feet
sturgeon	3	7/28/2000	upstream	4.5 feet
sturgeon	3	7/29/2000	upstream	3.5 feet
sturgeon	3	7/29/2000	upstream	4 feet
sturgeon	3	7/30/2000	upstream	2.5 feet
sturgeon	3	7/30/2000	upstream	3.5 feet
sturgeon	3	7/30/2000	upstream	4.5 feet
sturgeon	3	7/30/2000	upstream	5.5 feet
sturgeon	3	7/31/2000	upstream	4 feet
sturgeon	3	8/1/2000	upstream	2.5 feet
sturgeon	3	8/2/2000	upstream	3 feet
sturgeon	3	8/2/2000	upstream	3 feet
sturgeon	3	8/7/2000	upstream	3.5 feet
sturgeon	3	8/8/2000	upstream	2 feet
sturgeon	3	8/8/2000	upstream	2.5 feet
sturgeon	3	8/8/2000	upstream	3 feet
sturgeon	3	8/8/2000	upstream	4.5 feet
sturgeon	3	8/9/2000	upstream	3 feet
sturgeon	3	8/10/2000	upstream	3.5 feet
sturgeon	3	8/10/2000	upstream	4 feet
sturgeon	3	8/11/2000	upstream	5 feet
sturgeon	3	8/13/2000	upstream	3 feet
sturgeon	3	8/14/2000	upstream	4 feet
sturgeon	3	8/15/2000	upstream	1 feet
sturgeon	3	8/15/2000	upstream	3 feet
sturgeon	3	8/19/2000	upstream	4 feet
sturgeon	3	8/20/2000	upstream	3 feet
sturgeon	3	8/22/2000	upstream	6 feet
sturgeon	3	8/25/2000	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/26/2000	upstream	3.5 feet
sturgeon	3	8/26/2000	upstream	4 feet
sturgeon	3	8/29/2000	upstream	4.5 feet
sturgeon	3	9/2/2000	upstream	2 feet
sturgeon	3	9/3/2000	upstream	3 feet
sturgeon	3	9/9/2000	upstream	5 feet
sturgeon	3	9/20/2000	upstream	2.5 feet
sturgeon	3	9/21/2000	upstream	5 feet
sturgeon	3	9/23/2000	upstream	4 feet
sturgeon	3	9/29/2000	upstream	2.5 feet
sturgeon	3	10/1/2000	upstream	5 feet
sturgeon	144	3 10/28/2000	upstream	4 feet
sturgeon	4	6/9/2000	upstream	4.5 feet
sturgeon	4	6/10/2000	upstream	4.5 feet
sturgeon	4	6/24/2000	upstream	5 feet
sturgeon	4	6/25/2000	upstream	5 feet
sturgeon	4	6/26/2000	upstream	4 feet
sturgeon	4	6/28/2000	upstream	5 feet
sturgeon	4	7/9/2000	upstream	4 feet
sturgeon	4	7/11/2000	upstream	4.5 feet
sturgeon	4	7/20/2000	upstream	4 feet
sturgeon	4	7/24/2000	upstream	4.5 feet
sturgeon	4	7/24/2000	upstream	5.5 feet
sturgeon	4	7/27/2000	upstream	3 feet
sturgeon	4	8/4/2000	upstream	3 feet
sturgeon	4	8/8/2000	upstream	4 feet
sturgeon	4	8/12/2000	upstream	5 feet
sturgeon	4	8/16/2000	upstream	4 feet
sturgeon	4	8/16/2000	upstream	5 feet
sturgeon	4	8/18/2000	upstream	3 feet
sturgeon	4	8/20/2000	upstream	4 feet
sturgeon	4	8/21/2000	upstream	4 feet
sturgeon	4	8/21/2000	upstream	4 feet
sturgeon	4	8/22/2000	upstream	4 feet
sturgeon	4	8/23/2000	upstream	4.5 feet
sturgeon	4	8/28/2000	upstream	4 feet

Species	Cum.	Ladder	Date	Swimming Direction	Length
sturgeon	25	4	10/7/2000	upstream	5 feet
sturgeon	1	5	5/1/2000	upstream	1 feet
sturgeon		6	7/13/2000	upstream	4 feet
sturgeon		6	7/19/2000	upstream	4 feet
sturgeon		6	7/23/2000	upstream	3 feet
sturgeon		6	7/24/2000	upstream	4 feet
sturgeon		6	8/1/2000	upstream	4 feet
sturgeon		6	8/5/2000	upstream	4.5 feet
sturgeon		6	8/7/2000	upstream	4 feet
sturgeon		6	8/15/2000	upstream	4 feet
sturgeon		6	9/2/2000	upstream	4 feet
sturgeon	10	6	9/14/2000	upstream	3.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
Grass carp	65	1	9/21/1999	upstream	2 feet
Grass carp		2	7/15/1999	upstream	3.5 feet
Grass carp		2	7/22/1999	upstream	2.5 feet
Grass carp		2	7/22/1999	upstream	2.5 feet
Grass carp		2	7/22/1999	upstream	2 feet
Grass carp		2	7/22/1999	upstream	
Grass carp		2	7/29/1999	upstream	2.5 feet
Grass carp		2	7/29/1999	upstream	2 feet
Grass carp		2	8/5/1999	upstream	2 feet
Grass carp		2	8/8/1999	upstream	2.5 feet
Grass carp		2	8/10/1999	upstream	3 feet
Grass carp		2	8/20/1999	upstream	2 feet
Grass carp		2	8/22/1999	upstream	2 feet
Grass carp		2	8/23/1999	upstream	2.5 feet
Grass carp		2	8/24/1999	upstream	2 feet
Grass carp		2	8/24/1999	upstream	2 feet
Grass carp		2	8/24/1999	upstream	2 feet
Grass carp		2	8/25/1999	upstream	2.5 feet
Grass carp		2	8/25/1999	upstream	3 feet
Grass carp		2	8/26/1999	upstream	2.5 feet
Grass carp		2	8/28/1999	upstream	2 feet
Grass carp		2	8/29/1999	upstream	2.5 feet
Grass carp		2	8/30/1999	upstream	2.5 feet
Grass carp		2	8/30/1999	upstream	2 feet
Grass carp		2	8/30/1999	upstream	2 feet
Grass carp		2	8/31/1999	upstream	2.5 feet
Grass carp		2	8/31/1999	upstream	2.5 feet
Grass carp		2	8/31/1999	upstream	2.5 feet
Grass carp		2	8/31/1999	upstream	2.5 feet
Grass carp		2	8/31/1999	upstream	2 feet
Grass carp		2	8/31/1999	upstream	2 feet
Grass carp		2	8/31/1999	upstream	2 feet
Grass carp		2	8/31/1999	upstream	2 feet
Grass carp		2	8/31/1999	upstream	2 feet
Grass carp		2	8/31/1999	upstream	2 feet
Grass carp		2	8/31/1999	upstream	3 feet
Grass carp		2	9/1/1999	upstream	2.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
Grass carp	2	9/1/1999	upstream	2.5 feet
Grass carp	2	9/1/1999	upstream	2 feet
Grass carp	2	9/1/1999	upstream	2 feet
Grass carp	2	9/2/1999	upstream	2.5 feet
Grass carp	2	9/2/1999	upstream	2 feet
Grass carp	2	9/2/1999	upstream	2 feet
Grass carp	2	9/2/1999	upstream	2 feet
Grass carp	2	9/2/1999	upstream	2 feet
Grass carp	2	9/3/1999	upstream	2 feet
Grass carp	2	9/3/1999	upstream	2 feet
Grass carp	2	9/3/1999	upstream	
Grass carp	2	9/4/1999	upstream	
Grass carp	2	9/4/1999	upstream	
Grass carp	2	9/4/1999	upstream	
Grass carp	2	9/4/1999	upstream	
Grass carp	2	9/4/1999	upstream	
Grass carp	2	9/4/1999	upstream	
Grass carp	2	9/4/1999	upstream	
Grass carp	2	9/5/1999	upstream	
Grass carp	2	9/5/1999	upstream	
Grass carp	2	9/5/1999	upstream	
Grass carp	2	9/5/1999	upstream	
Grass carp	2	9/5/1999	upstream	
Grass carp	2	9/6/1999	upstream	
Grass carp	2	9/6/1999	upstream	
Grass carp	2	9/6/1999	upstream	
Grass carp	2	9/7/1999	upstream	
Grass carp	2	9/7/1999	upstream	
Grass carp	2	9/7/1999	upstream	
Grass carp	2	9/8/1999	upstream	2.5 feet
Grass carp	2	9/8/1999	upstream	2 feet
Grass carp	2	9/8/1999	upstream	2 feet
Grass carp	2	9/9/1999	upstream	
Grass carp	2	9/9/1999	upstream	
Grass carp	2	9/9/1999	upstream	
Grass carp	2	9/9/1999	upstream	

Species	Cum. Ladder	Date	Swimming Direction	Length	
Grass carp	2	9/9/1999	upstream		
Grass carp	2	9/9/1999	upstream		
Grass carp	2	9/10/1999	upstream		
Grass carp	2	9/10/1999	upstream		
Grass carp	2	9/11/1999	upstream		
Grass carp	2	9/11/1999	upstream		
Grass carp	2	9/11/1999	upstream		
Grass carp	2	9/11/1999	upstream		
Grass carp	2	9/11/1999	upstream		
Grass carp	2	9/11/1999	upstream		
Grass carp	2	9/11/1999	upstream		
Grass carp	2	9/11/1999	upstream		
Grass carp	2	9/11/1999	upstream		
Grass carp	2	9/12/1999	upstream		
Grass carp	2	9/12/1999	upstream		
Grass carp	2	9/13/1999	upstream		
Grass carp	2	9/16/1999	upstream		
Grass carp	2	9/17/1999	upstream	2.5 feet	
Grass carp	2	9/17/1999	upstream	3 feet	
Grass carp	2	9/19/1999	upstream	2 feet	
Grass carp	2	9/19/1999	upstream	2 feet	
Grass carp	2	9/19/1999	upstream	3 feet	
Grass carp	2	9/20/1999	upstream	2.5 feet	
Grass carp	2	9/21/1999	upstream	2.5 feet	
Grass carp	2	9/21/1999	upstream	2.5 feet	
Grass carp	2	9/21/1999	upstream	2.5 feet	
Grass carp	2	9/22/1999	upstream	2.5 feet	
Grass carp	2	9/22/1999	upstream	2.5 feet	
Grass carp	2	9/22/1999	upstream	2 feet	
Grass carp	2	9/23/1999	upstream	2.5 feet	
Grass carp	2	9/26/1999	upstream	2.5 feet	
Grass carp	2	10/6/1999	upstream	2.5 feet	
Grass carp	2	10/7/1999	upstream	2.5 feet	
Grass carp	104	2	10/9/1999	upstream	2.5 feet
Grass carp	3	7/25/1999	upstream		
Grass carp	3	8/27/1999	upstream		
Grass carp	3	9/1/1999	upstream		

Species	Cum. Ladder	Date	Swimming Direction	Length
Grass carp	3	9/1/1999	upstream	
Grass carp	3	9/2/1999	upstream	
Grass carp	3	9/2/1999	upstream	
Grass carp	3	9/2/1999	upstream	
Grass carp	3	9/2/1999	upstream	
Grass carp	3	9/3/1999	upstream	
Grass carp	3	9/12/1999	upstream	
Grass carp	3	9/12/1999	upstream	
Grass carp	3	9/13/1999	upstream	
Grass carp	3	9/14/1999	upstream	
Grass carp	3	9/14/1999	upstream	
Grass carp	3	9/15/1999	upstream	
Grass carp	3	9/17/1999	upstream	
Grass carp	3	9/21/1999	upstream	
Grass carp	3	9/22/1999	upstream	
Grass carp	3	9/25/1999	upstream	
Grass carp	3	9/28/1999	upstream	
Grass carp	3	9/28/1999	upstream	
Grass carp	3	9/29/1999	upstream	
Grass carp	3	9/29/1999	upstream	
Grass carp	3	9/30/1999	upstream	
Grass carp	3	10/1/1999	upstream	
Grass carp	3	10/1/1999	upstream	
Grass carp	3	10/12/1999	upstream	
Grass carp	3	10/15/1999	upstream	
Grass carp	3	10/19/1999	upstream	
Grass carp	3	10/21/1999	upstream	
Grass carp	3	10/24/1999	upstream	
Grass carp	3	10/25/1999	upstream	
Grass carp	33	3	10/25/1999	upstream
Grass carp	4	7/4/1999	upstream	
Grass carp	4	8/17/1999	upstream	
Grass carp	4	8/25/1999	upstream	
Grass carp	4	8/25/1999	upstream	
Grass carp	4	8/28/1999	upstream	
Grass carp	4	8/31/1999	upstream	

Species	Cum. Ladder	Date	Swimming Direction	Length
Grass carp	4	9/1/1999	upstream	
Grass carp	4	9/2/1999	upstream	
Grass carp	4	9/3/1999	upstream	
Grass carp	4	9/11/1999	upstream	
Grass carp	4	9/16/1999	upstream	
Grass carp	12	4	9/20/1999	upstream
Grass carp	5	7/18/1999	upstream	
Grass carp	5	8/18/1999	upstream	
Grass carp	5	8/18/1999	upstream	
Grass carp	5	8/31/1999	upstream	
Grass carp	5	9/1/1999	upstream	
Grass carp	5	9/1/1999	upstream	
Grass carp	5	9/3/1999	upstream	
Grass carp	5	9/4/1999	upstream	
Grass carp	5	9/4/1999	upstream	
Grass carp	5	9/4/1999	upstream	
Grass carp	5	9/5/1999	upstream	
Grass carp	5	9/8/1999	upstream	
Grass carp	5	9/10/1999	upstream	
Grass carp	5	9/17/1999	upstream	
Grass carp	5	9/17/1999	upstream	
Grass carp	5	9/21/1999	upstream	
Grass carp	5	9/25/1999	upstream	
Grass carp	5	9/25/1999	upstream	
Grass carp	5	9/27/1999	upstream	
Grass carp	5	9/29/1999	upstream	
Grass carp	5	10/1/1999	upstream	
Grass carp	5	10/1/1999	upstream	
Grass carp	23	5	10/2/1999	upstream
Grass carp	6	8/19/1999	upstream	
Grass carp	6	8/19/1999	upstream	
Grass carp	6	8/20/1999	upstream	
Grass carp	6	8/20/1999	upstream	
Grass carp	6	9/3/1999	upstream	
Grass carp	6	9/5/1999	upstream	
Grass carp	6	9/6/1999	upstream	

Species	Cum.	Ladder	Date	Swimming Direction	Length
Grass carp	8	6	9/9/1999	upstream	
Cutthroat trout	1	1	6/9/1999	upstream	
sturgeon		1	6/7/1999	upstream	4.5 feet
sturgeon		1	9/1/1999	upstream	4 feet
sturgeon		1	9/2/1999	upstream	4 feet
sturgeon		1	9/7/1999	upstream	5 feet
sturgeon		1	9/20/1999	upstream	2 feet
sturgeon		1	9/23/1999	upstream	3.5 feet
sturgeon		1	9/24/1999	upstream	4 feet
sturgeon		1	9/25/1999	upstream	6 feet
sturgeon		1	9/27/1999	upstream	7 feet
sturgeon		1	9/29/1999	upstream	3.5 feet
sturgeon		1	9/29/1999	upstream	3 feet
sturgeon		1	9/29/1999	upstream	4 feet
sturgeon		1	9/30/1999	upstream	7 feet
sturgeon		1	10/1/1999	upstream	7 feet
sturgeon		1	10/2/1999	upstream	3 feet
sturgeon		1	10/3/1999	upstream	7 feet
sturgeon		1	10/4/1999	upstream	7 feet
sturgeon		1	10/5/1999	upstream	7 feet
sturgeon		1	10/7/1999	upstream	7 feet
sturgeon		1	10/8/1999	upstream	7 feet
sturgeon		1	10/9/1999	upstream	7 feet
sturgeon		1	10/10/1999	upstream	7 feet
sturgeon		1	10/12/1999	upstream	7 feet
sturgeon		1	10/16/1999	upstream	7 feet
sturgeon		1	11/2/1999	upstream	6.5 feet
sturgeon	26	1	11/4/1999	upstream	6.5 feet
sturgeon		2	6/16/1999	upstream	3 feet
sturgeon		2	6/30/1999	upstream	2 feet
sturgeon		2	8/5/1999	upstream	4 feet
sturgeon		2	8/21/1999	upstream	2.5 feet
sturgeon	5	2	8/22/1999	upstream	2.5 feet
sturgeon		3	5/13/1999	upstream	4.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	5/25/1999	upstream	4.5 feet
sturgeon	3	5/28/1999	upstream	5 feet
sturgeon	3	5/29/1999	upstream	5 feet
sturgeon	3	5/31/1999	upstream	4 feet
sturgeon	3	6/1/1999	upstream	4.5 feet
sturgeon	3	6/1/1999	upstream	
sturgeon	3	6/3/1999	upstream	4.5 feet
sturgeon	3	6/5/1999	upstream	4.5 feet
sturgeon	3	6/6/1999	upstream	
sturgeon	3	6/7/1999	upstream	4 feet
sturgeon	3	6/9/1999	upstream	3.5 feet
sturgeon	3	6/9/1999	upstream	5 feet
sturgeon	3	6/10/1999	upstream	4 feet
sturgeon	3	6/10/1999	upstream	4.5 feet
sturgeon	3	6/11/1999	upstream	2.5 feet
sturgeon	3	6/17/1999	upstream	4.5 feet
sturgeon	3	6/18/1999	upstream	3.5 feet
sturgeon	3	6/19/1999	upstream	3.5 feet
sturgeon	3	6/19/1999	upstream	4 feet
sturgeon	3	6/19/1999	upstream	4 feet
sturgeon	3	6/20/1999	upstream	3.5 feet
sturgeon	3	6/20/1999	upstream	4 feet
sturgeon	3	6/20/1999	upstream	4 feet
sturgeon	3	6/20/1999	upstream	
sturgeon	3	6/20/1999	upstream	
sturgeon	3	6/20/1999	upstream	
sturgeon	3	6/20/1999	upstream	
sturgeon	3	6/21/1999	upstream	4 feet
sturgeon	3	6/21/1999	upstream	5 feet
sturgeon	3	6/22/1999	upstream	3.5 feet
sturgeon	3	6/22/1999	upstream	3.5 feet
sturgeon	3	6/22/1999	upstream	4 feet
sturgeon	3	6/22/1999	upstream	4.5 feet
sturgeon	3	6/22/1999	upstream	5 feet
sturgeon	3	6/23/1999	upstream	3 feet
sturgeon	3	6/23/1999	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	6/23/1999	upstream	4.5 feet
sturgeon	3	6/23/1999	upstream	5 feet
sturgeon	3	6/24/1999	upstream	4.5 feet
sturgeon	3	6/25/1999	upstream	3.5 feet
sturgeon	3	6/25/1999	upstream	3.5 feet
sturgeon	3	6/25/1999	upstream	4 feet
sturgeon	3	6/25/1999	upstream	4 feet
sturgeon	3	6/25/1999	upstream	5 feet
sturgeon	3	6/25/1999	upstream	5 feet
sturgeon	3	6/27/1999	upstream	2.75 feet
sturgeon	3	6/27/1999	upstream	3 feet
sturgeon	3	6/27/1999	upstream	4.5 feet
sturgeon	3	6/27/1999	upstream	5 feet
sturgeon	3	6/28/1999	upstream	3 feet
sturgeon	3	6/28/1999	upstream	4 feet
sturgeon	3	6/28/1999	upstream	4.5 feet
sturgeon	3	6/28/1999	upstream	5 feet
sturgeon	3	6/29/1999	upstream	5 feet
sturgeon	3	6/30/1999	upstream	3.5 feet
sturgeon	3	6/30/1999	upstream	5 feet
sturgeon	3	7/3/1999	upstream	3 feet
sturgeon	3	7/3/1999	upstream	3.5 feet
sturgeon	3	7/3/1999	upstream	4 feet
sturgeon	3	7/3/1999	upstream	4 feet
sturgeon	3	7/3/1999	upstream	4.5 feet
sturgeon	3	7/3/1999	upstream	5 feet
sturgeon	3	7/6/1999	upstream	3.5 feet
sturgeon	3	7/6/1999	upstream	4 feet
sturgeon	3	7/6/1999	upstream	4.5 feet
sturgeon	3	7/6/1999	upstream	4.5 feet
sturgeon	3	7/7/1999	upstream	3 feet
sturgeon	3	7/7/1999	upstream	4 feet
sturgeon	3	7/7/1999	upstream	4 feet
sturgeon	3	7/7/1999	upstream	4.5 feet
sturgeon	3	7/7/1999	upstream	4.5 feet
sturgeon	3	7/7/1999	upstream	4.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/7/1999	upstream	5 feet
sturgeon	3	7/7/1999	upstream	5 feet
sturgeon	3	7/7/1999	upstream	5 feet
sturgeon	3	7/7/1999	upstream	5.5 feet
sturgeon	3	7/8/1999	upstream	5 feet
sturgeon	3	7/9/1999	upstream	3.5 feet
sturgeon	3	7/9/1999	upstream	5.5 feet
sturgeon	3	7/10/1999	upstream	4 feet
sturgeon	3	7/10/1999	upstream	4 feet
sturgeon	3	7/11/1999	upstream	3.5 feet
sturgeon	3	7/11/1999	upstream	4.5 feet
sturgeon	3	7/12/1999	upstream	4 feet
sturgeon	3	7/12/1999	upstream	5 feet
sturgeon	3	7/12/1999	upstream	5 feet
sturgeon	3	7/13/1999	upstream	3.5 feet
sturgeon	3	7/13/1999	upstream	4 feet
sturgeon	3	7/13/1999	upstream	4 feet
sturgeon	3	7/14/1999	upstream	3 feet
sturgeon	3	7/14/1999	upstream	3 feet
sturgeon	3	7/14/1999	upstream	3.5 feet
sturgeon	3	7/14/1999	upstream	4 feet
sturgeon	3	7/14/1999	upstream	4 feet
sturgeon	3	7/14/1999	upstream	4.5 feet
sturgeon	3	7/14/1999	upstream	5 feet
sturgeon	3	7/15/1999	upstream	4 feet
sturgeon	3	7/15/1999	upstream	4 feet
sturgeon	3	7/15/1999	upstream	5 feet
sturgeon	3	7/15/1999	upstream	5 feet
sturgeon	3	7/15/1999	upstream	5 feet
sturgeon	3	7/16/1999	upstream	3 feet
sturgeon	3	7/16/1999	upstream	3 feet
sturgeon	3	7/16/1999	upstream	4 feet
sturgeon	3	7/16/1999	upstream	4.5 feet
sturgeon	3	7/16/1999	upstream	6 feet
sturgeon	3	7/17/1999	upstream	3.5 feet
sturgeon	3	7/17/1999	upstream	3.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/17/1999	upstream	4 feet
sturgeon	3	7/17/1999	upstream	4 feet
sturgeon	3	7/17/1999	upstream	4 feet
sturgeon	3	7/17/1999	upstream	4 feet
sturgeon	3	7/17/1999	upstream	4 feet
sturgeon	3	7/17/1999	upstream	4.5 feet
sturgeon	3	7/17/1999	upstream	5 feet
sturgeon	3	7/17/1999	upstream	5 feet
sturgeon	3	7/18/1999	upstream	6 feet
sturgeon	3	7/19/1999	upstream	3 feet
sturgeon	3	7/19/1999	upstream	4 feet
sturgeon	3	7/19/1999	upstream	4 feet
sturgeon	3	7/19/1999	upstream	4.5 feet
sturgeon	3	7/19/1999	upstream	4.5 feet
sturgeon	3	7/19/1999	upstream	4.5 feet
sturgeon	3	7/19/1999	upstream	4.5 feet
sturgeon	3	7/19/1999	upstream	4.5 feet
sturgeon	3	7/20/1999	upstream	3.5 feet
sturgeon	3	7/20/1999	upstream	4 feet
sturgeon	3	7/20/1999	upstream	4 feet
sturgeon	3	7/20/1999	upstream	4 feet
sturgeon	3	7/21/1999	upstream	3 feet
sturgeon	3	7/21/1999	upstream	3.5 feet
sturgeon	3	7/21/1999	upstream	4 feet
sturgeon	3	7/21/1999	upstream	4.5 feet
sturgeon	3	7/21/1999	upstream	4.5 feet
sturgeon	3	7/21/1999	upstream	5 feet
sturgeon	3	7/22/1999	upstream	3 feet
sturgeon	3	7/22/1999	upstream	3.5 feet
sturgeon	3	7/22/1999	upstream	4 feet
sturgeon	3	7/22/1999	upstream	4 feet
sturgeon	3	7/22/1999	upstream	4.5 feet
sturgeon	3	7/22/1999	upstream	6 feet
sturgeon	3	7/22/1999	upstream	6 feet
sturgeon	3	7/23/1999	upstream	3 feet
sturgeon	3	7/23/1999	upstream	5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/24/1999	upstream	3 feet
sturgeon	3	7/24/1999	upstream	3 feet
sturgeon	3	7/24/1999	upstream	3.5 feet
sturgeon	3	7/24/1999	upstream	4 feet
sturgeon	3	7/24/1999	upstream	5 feet
sturgeon	3	7/25/1999	upstream	2 feet
sturgeon	3	7/25/1999	upstream	3.5 feet
sturgeon	3	7/25/1999	upstream	4 feet
sturgeon	3	7/25/1999	upstream	5 feet
sturgeon	3	7/26/1999	upstream	4 feet
sturgeon	3	7/26/1999	upstream	8 feet
sturgeon	3	7/27/1999	upstream	3.5 feet
sturgeon	3	7/27/1999	upstream	3.5 feet
sturgeon	3	7/27/1999	upstream	4 feet
sturgeon	3	7/27/1999	upstream	4 feet
sturgeon	3	7/27/1999	upstream	4.5 feet
sturgeon	3	7/28/1999	upstream	3 feet
sturgeon	3	7/28/1999	upstream	3 feet
sturgeon	3	7/28/1999	upstream	3.5 feet
sturgeon	3	7/28/1999	upstream	4 feet
sturgeon	3	7/28/1999	upstream	4.5 feet
sturgeon	3	7/28/1999	upstream	5 feet
sturgeon	3	7/29/1999	upstream	3 feet
sturgeon	3	7/29/1999	upstream	3 feet
sturgeon	3	7/29/1999	upstream	3.5 feet
sturgeon	3	7/29/1999	upstream	3.5 feet
sturgeon	3	7/29/1999	upstream	4 feet
sturgeon	3	7/29/1999	upstream	4 feet
sturgeon	3	7/29/1999	upstream	4.5 feet
sturgeon	3	7/30/1999	upstream	3 feet
sturgeon	3	7/30/1999	upstream	4 feet
sturgeon	3	7/30/1999	upstream	4 feet
sturgeon	3	7/31/1999	upstream	4 feet
sturgeon	3	7/31/1999	upstream	5 feet
sturgeon	3	8/1/1999	upstream	3 feet
sturgeon	3	8/1/1999	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/1/1999	upstream	4 feet
sturgeon	3	8/1/1999	upstream	4 feet
sturgeon	3	8/2/1999	upstream	2.5 feet
sturgeon	3	8/2/1999	upstream	3 feet
sturgeon	3	8/2/1999	upstream	5 feet
sturgeon	3	8/3/1999	upstream	3 feet
sturgeon	3	8/3/1999	upstream	3 feet
sturgeon	3	8/3/1999	upstream	4 feet
sturgeon	3	8/3/1999	upstream	4 feet
sturgeon	3	8/3/1999	upstream	4.5 feet
sturgeon	3	8/3/1999	upstream	4.5 feet
sturgeon	3	8/4/1999	upstream	2.5 feet
sturgeon	3	8/4/1999	upstream	3 feet
sturgeon	3	8/4/1999	upstream	3 feet
sturgeon	3	8/4/1999	upstream	3 feet
sturgeon	3	8/4/1999	upstream	3 feet
sturgeon	3	8/4/1999	upstream	3 feet
sturgeon	3	8/4/1999	upstream	3.5 feet
sturgeon	3	8/4/1999	upstream	4 feet
sturgeon	3	8/4/1999	upstream	4 feet
sturgeon	3	8/4/1999	upstream	4 feet
sturgeon	3	8/4/1999	upstream	4 feet
sturgeon	3	8/4/1999	upstream	4.5 feet
sturgeon	3	8/4/1999	upstream	5 feet
sturgeon	3	8/4/1999	upstream	5 feet
sturgeon	3	8/5/1999	upstream	4 feet
sturgeon	3	8/6/1999	upstream	3 feet
sturgeon	3	8/6/1999	upstream	3 feet
sturgeon	3	8/6/1999	upstream	3.5 feet
sturgeon	3	8/6/1999	upstream	4 feet
sturgeon	3	8/6/1999	upstream	4.5 feet
sturgeon	3	8/6/1999	upstream	5 feet
sturgeon	3	8/7/1999	upstream	3.5 feet
sturgeon	3	8/7/1999	upstream	4 feet
sturgeon	3	8/7/1999	upstream	4.75 feet
sturgeon	3	8/7/1999	upstream	5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/8/1999	upstream	3 feet
sturgeon	3	8/8/1999	upstream	3.5 feet
sturgeon	3	8/8/1999	upstream	3.5 feet
sturgeon	3	8/8/1999	upstream	7.5 feet
sturgeon	3	8/9/1999	upstream	2 feet
sturgeon	3	8/9/1999	upstream	3 feet
sturgeon	3	8/10/1999	upstream	4.5 feet
sturgeon	3	8/11/1999	upstream	3 feet
sturgeon	3	8/11/1999	upstream	4 feet
sturgeon	3	8/11/1999	upstream	5 feet
sturgeon	3	8/12/1999	upstream	2.5 feet
sturgeon	3	8/12/1999	upstream	3.5 feet
sturgeon	3	8/13/1999	upstream	1.5 feet
sturgeon	3	8/13/1999	upstream	2 feet
sturgeon	3	8/13/1999	upstream	3 feet
sturgeon	3	8/13/1999	upstream	3.5 feet
sturgeon	3	8/13/1999	upstream	4.5 feet
sturgeon	3	8/14/1999	upstream	2 feet
sturgeon	3	8/14/1999	upstream	2 feet
sturgeon	3	8/16/1999	upstream	3 feet
sturgeon	3	8/17/1999	upstream	2.5 feet
sturgeon	3	8/17/1999	upstream	3 feet
sturgeon	3	8/17/1999	upstream	3 feet
sturgeon	3	8/17/1999	upstream	3 feet
sturgeon	3	8/17/1999	upstream	4 feet
sturgeon	3	8/18/1999	upstream	2 feet
sturgeon	3	8/19/1999	upstream	3.5 feet
sturgeon	3	8/19/1999	upstream	3.5 feet
sturgeon	3	8/19/1999	upstream	4 feet
sturgeon	3	8/19/1999	upstream	5 feet
sturgeon	3	8/20/1999	upstream	3 feet
sturgeon	3	8/20/1999	upstream	4 feet
sturgeon	3	8/20/1999	upstream	5 feet
sturgeon	3	8/21/1999	upstream	2 feet
sturgeon	3	8/21/1999	upstream	2.5 feet
sturgeon	3	8/21/1999	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/21/1999	upstream	3.5 feet
sturgeon	3	8/21/1999	upstream	4.5 feet
sturgeon	3	8/21/1999	upstream	5 feet
sturgeon	3	8/21/1999	upstream	5.5 feet
sturgeon	3	8/22/1999	upstream	4 feet
sturgeon	3	8/22/1999	upstream	5 feet
sturgeon	3	8/23/1999	upstream	3.5 feet
sturgeon	3	8/23/1999	upstream	4 feet
sturgeon	3	8/23/1999	upstream	4.5 feet
sturgeon	3	8/23/1999	upstream	
sturgeon	3	8/24/1999	upstream	3 feet
sturgeon	3	8/24/1999	upstream	3.5 feet
sturgeon	3	8/24/1999	upstream	4 feet
sturgeon	3	8/25/1999	upstream	4 feet
sturgeon	3	8/25/1999	upstream	4 feet
sturgeon	3	8/26/1999	upstream	2 feet
sturgeon	3	8/26/1999	upstream	3 feet
sturgeon	3	8/26/1999	upstream	3 feet
sturgeon	3	8/26/1999	upstream	3 feet
sturgeon	3	8/26/1999	upstream	3.5 feet
sturgeon	3	8/26/1999	upstream	4 feet
sturgeon	3	8/26/1999	upstream	4 feet
sturgeon	3	8/26/1999	upstream	4.5 feet
sturgeon	3	8/26/1999	upstream	5 feet
sturgeon	3	8/27/1999	upstream	2 feet
sturgeon	3	8/27/1999	upstream	3 feet
sturgeon	3	8/27/1999	upstream	4 feet
sturgeon	3	8/27/1999	upstream	5 feet
sturgeon	3	8/27/1999	upstream	5 feet
sturgeon	3	8/28/1999	upstream	2.5 feet
sturgeon	3	8/28/1999	upstream	3 feet
sturgeon	3	8/28/1999	upstream	4 feet
sturgeon	3	8/28/1999	upstream	5.5 feet
sturgeon	3	8/30/1999	upstream	2 feet
sturgeon	3	8/30/1999	upstream	2.5 feet
sturgeon	3	8/30/1999	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/31/1999	upstream	3 feet
sturgeon	3	8/31/1999	upstream	3.5 feet
sturgeon	3	8/31/1999	upstream	5 feet
sturgeon	3	8/31/1999	upstream	5 feet
sturgeon	3	9/1/1999	upstream	2.5 feet
sturgeon	3	9/1/1999	upstream	4.5 feet
sturgeon	3	9/2/1999	upstream	3 feet
sturgeon	3	9/2/1999	upstream	4 feet
sturgeon	3	9/2/1999	upstream	4.5 feet
sturgeon	3	9/4/1999	upstream	3 feet
sturgeon	3	9/4/1999	upstream	4 feet
sturgeon	3	9/4/1999	upstream	4 feet
sturgeon	3	9/4/1999	upstream	5 feet
sturgeon	3	9/5/1999	upstream	2 feet
sturgeon	3	9/5/1999	upstream	2.5 feet
sturgeon	3	9/5/1999	upstream	4 feet
sturgeon	3	9/6/1999	upstream	3.5 feet
sturgeon	3	9/6/1999	upstream	3.5 feet
sturgeon	3	9/6/1999	upstream	3.5 feet
sturgeon	3	9/6/1999	upstream	4 feet
sturgeon	3	9/6/1999	upstream	4.5 feet
sturgeon	3	9/7/1999	upstream	3 feet
sturgeon	3	9/7/1999	upstream	3 feet
sturgeon	3	9/7/1999	upstream	3 feet
sturgeon	3	9/7/1999	upstream	4 feet
sturgeon	3	9/7/1999	upstream	4.5 feet
sturgeon	3	9/7/1999	upstream	4.5 feet
sturgeon	3	9/8/1999	upstream	3.5 feet
sturgeon	3	9/8/1999	upstream	4 feet
sturgeon	3	9/8/1999	upstream	4 feet
sturgeon	3	9/8/1999	upstream	4 feet
sturgeon	3	9/8/1999	upstream	4 feet
sturgeon	3	9/8/1999	upstream	4.5 feet
sturgeon	3	9/8/1999	upstream	4.5 feet
sturgeon	3	9/9/1999	upstream	3 feet
sturgeon	3	9/9/1999	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	9/9/1999	upstream	4.5 feet
sturgeon	3	9/9/1999	upstream	9 feet
sturgeon	3	9/10/1999	upstream	3 feet
sturgeon	3	9/10/1999	upstream	4 feet
sturgeon	3	9/10/1999	upstream	4 feet
sturgeon	3	9/10/1999	upstream	6 feet
sturgeon	3	9/11/1999	upstream	3 feet
sturgeon	3	9/11/1999	upstream	3 feet
sturgeon	3	9/11/1999	upstream	3.5 feet
sturgeon	3	9/11/1999	upstream	4 feet
sturgeon	3	9/11/1999	upstream	4.5 feet
sturgeon	3	9/11/1999	upstream	5 feet
sturgeon	3	9/12/1999	upstream	2 feet
sturgeon	3	9/12/1999	upstream	3 feet
sturgeon	3	9/12/1999	upstream	4 feet
sturgeon	3	9/12/1999	upstream	4 feet
sturgeon	3	9/12/1999	upstream	4.5 feet
sturgeon	3	9/12/1999	upstream	5 feet
sturgeon	3	9/13/1999	upstream	2.5 feet
sturgeon	3	9/13/1999	upstream	3 feet
sturgeon	3	9/13/1999	upstream	4 feet
sturgeon	3	9/14/1999	upstream	2 feet
sturgeon	3	9/14/1999	upstream	3 feet
sturgeon	3	9/15/1999	upstream	2 feet
sturgeon	3	9/15/1999	upstream	3 feet
sturgeon	3	9/15/1999	upstream	3.5 feet
sturgeon	3	9/16/1999	upstream	4 feet
sturgeon	3	9/16/1999	upstream	4 feet
sturgeon	3	9/17/1999	upstream	4 feet
sturgeon	3	9/17/1999	upstream	4.5 feet
sturgeon	3	9/17/1999	upstream	4.5 feet
sturgeon	3	9/17/1999	upstream	5 feet
sturgeon	3	9/17/1999	upstream	5 feet
sturgeon	3	9/17/1999	upstream	5 feet
sturgeon	3	9/17/1999	upstream	5.5 feet
sturgeon	3	9/18/1999	upstream	4.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon	3	9/18/1999	upstream	4.5 feet	
sturgeon	3	9/18/1999	upstream	4.5 feet	
sturgeon	3	9/20/1999	upstream	3.5 feet	
sturgeon	3	9/21/1999	upstream	2.5 feet	
sturgeon	3	9/21/1999	upstream	4 feet	
sturgeon	3	9/23/1999	upstream	3 feet	
sturgeon	3	9/30/1999	upstream	4 feet	
sturgeon	3	10/1/1999	upstream	2.5 feet	
sturgeon	3	10/3/1999	upstream	4 feet	
sturgeon	3	10/5/1999	upstream	2 feet	
sturgeon	3	10/7/1999	upstream	2.5 feet	
sturgeon	3	10/8/1999	upstream	2.5 feet	
sturgeon	3	10/8/1999	upstream	3 feet	
sturgeon	3	10/8/1999	upstream	3.5 feet	
sturgeon	3	10/9/1999	upstream	3 feet	
sturgeon	3	10/9/1999	upstream	3.5 feet	
sturgeon	3	10/10/1999	upstream	3.5 feet	
sturgeon	3	10/11/1999	upstream	5 feet	
sturgeon	3	10/13/1999	upstream	2.5 feet	
sturgeon	3	10/13/1999	upstream	3 feet	
sturgeon	3	10/15/1999	upstream	3 feet	
sturgeon	3	10/24/1999	upstream	4 feet	
sturgeon	3	10/26/1999	upstream	4 feet	
sturgeon	385	3	10/27/1999	upstream	3.5 feet
sturgeon	4	7/23/1999	upstream	3.5 feet	
sturgeon	4	7/31/1999	upstream	5 feet	
sturgeon	4	8/2/1999	upstream	5 feet	
sturgeon	4	8/21/1999	upstream	4.5 feet	
sturgeon	4	8/23/1999	upstream	4.5 feet	
sturgeon	4	9/6/1999	upstream	4.5 feet	
sturgeon	7	4	9/7/1999	upstream	5.5 feet
sturgeon	1	5	8/13/1999	upstream	3.5 feet

Notes about fish counting in 1998

Fish counting at Bonneville was done 16 hours each day throughout the year.

At The Dalles and John Day fish counting started on 4/1 and was done 16 hours a day through 10/31.

The miscellaneous fish counts from McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite were lost.

The fish counters took a 10 minute break from counting each hour from 4/1 through 10/31.

Species	Cum.*	Ladder	Date	Swimming Direction	Length
*cumulative sightings in each fishladder this year					
Grass carp	1	1	7/13/1998	upstream	
Grass carp		2	6/9/1998	upstream	2.5 feet
Grass carp		2	8/19/1998	upstream	2.5 feet
Grass carp		2	8/20/1998	upstream	
Grass carp		2	10/29/1998	upstream	3.5 feet
Grass carp		2	10/29/1998	upstream	
Grass carp	6	2	10/29/1998	upstream	
Grass carp	1	3	9/11/1998	upstream	
Grass carp	1	4	9/3/1998	upstream	
Grass carp		5	8/24/1998	upstream	
Grass carp		5	8/28/1998	upstream	
Grass carp		5	9/2/1998	upstream	
Grass carp		5	9/3/1998	upstream	
Grass carp		5	9/4/1998	upstream	
Grass carp		5	9/5/1998	upstream	
Grass carp		5	9/7/1998	upstream	
Grass carp	8	5	9/7/1998	upstream	
Cutthroat trout	1	1	5/11/1998	upstream	
sturgeon		1	7/6/1998	upstream	3 feet
sturgeon		1	7/16/1998	upstream	3 feet
sturgeon		1	7/19/1998	upstream	2.5 feet
sturgeon		1	7/19/1998	upstream	2 feet
sturgeon		1	7/19/1998	upstream	3 feet
sturgeon		1	7/23/1998	upstream	4 feet
sturgeon		1	7/26/1998	upstream	3 feet
sturgeon		1	7/29/1998	upstream	3.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	1	7/29/1998	upstream	3 feet
sturgeon	1	7/29/1998	upstream	3 feet
sturgeon	1	7/30/1998	upstream	3.5 feet
sturgeon	1	7/30/1998	upstream	2 feet
sturgeon	1	7/31/1998	upstream	3.5 feet
sturgeon	1	8/5/1998	upstream	4.5 feet
sturgeon	1	8/7/1998	upstream	3.5 feet
sturgeon	1	8/10/1998	upstream	3.5 feet
sturgeon	1	8/10/1998	upstream	2 feet
sturgeon	1	8/12/1998	upstream	3.5 feet
sturgeon	1	8/13/1998	upstream	3.5 feet
sturgeon	1	8/14/1998	upstream	4 feet
sturgeon	1	8/15/1998	upstream	3 feet
sturgeon	1	8/17/1998	upstream	3.5 feet
sturgeon	1	8/23/1998	upstream	1.5 feet
sturgeon	1	8/23/1998	upstream	4 feet
sturgeon	1	8/26/1998	upstream	4.5 feet
sturgeon	1	8/30/1998	upstream	3 feet
sturgeon	1	8/31/1998	upstream	
sturgeon	1	9/5/1998	upstream	
sturgeon	1	9/13/1998	upstream	3.5 feet
sturgeon	1	9/14/1998	upstream	2.5 feet
sturgeon	1	9/14/1998	upstream	4.5 feet
sturgeon	1	9/16/1998	upstream	
sturgeon	1	9/17/1998	upstream	4 feet
sturgeon	1	9/18/1998	upstream	3.5 feet
sturgeon	1	9/18/1998	upstream	4.5 feet
sturgeon	1	9/19/1998	upstream	2.5 feet
sturgeon	1	9/19/1998	upstream	2.5 feet
sturgeon	1	9/19/1998	upstream	3 feet
sturgeon	1	9/20/1998	upstream	1.5 feet
sturgeon	1	9/21/1998	upstream	2 feet
sturgeon	1	9/21/1998	upstream	4 feet
sturgeon	1	9/22/1998	upstream	2.5 feet
sturgeon	1	9/22/1998	upstream	4 feet
sturgeon	1	9/23/1998	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	1	9/28/1998	upstream	4.5 feet
sturgeon	1	9/29/1998	upstream	3.5 feet
sturgeon	1	9/29/1998	upstream	2 feet
sturgeon	1	10/1/1998	upstream	4.5 feet
sturgeon	1	10/3/1998	upstream	3.5 feet
sturgeon	1	10/3/1998	upstream	3.5 feet
sturgeon	1	10/3/1998	upstream	4 feet
sturgeon	1	10/5/1998	upstream	3 feet
sturgeon	1	10/9/1998	upstream	2.5 feet
sturgeon	1	10/9/1998	upstream	3.5 feet
sturgeon	1	10/10/1998	upstream	2.5 feet
sturgeon	1	10/11/1998	upstream	2.5 feet
sturgeon	1	10/11/1998	upstream	5 feet
sturgeon	1	10/12/1998	upstream	5 feet
sturgeon	1	10/13/1998	upstream	5 feet
sturgeon	1	10/15/1998	upstream	4 feet
sturgeon	1	10/15/1998	upstream	6 feet
sturgeon	1	10/16/1998	upstream	4 feet
sturgeon	1	10/16/1998	upstream	4 feet
sturgeon	1	10/17/1998	upstream	4 feet
sturgeon	1	10/18/1998	upstream	4.5 feet
sturgeon	1	10/19/1998	upstream	4 feet
sturgeon	1	10/20/1998	upstream	
sturgeon	68	1 10/25/1998	upstream	3 feet
sturgeon	2	7/10/1998	upstream	4 feet
sturgeon	2	7/19/1998	upstream	2.5 feet
sturgeon	2	7/19/1998	upstream	
sturgeon	2	10/2/1998	upstream	2.5 feet
sturgeon	2	10/3/1998	upstream	4 feet
sturgeon	6	2 10/4/1998	upstream	3 feet
sturgeon	3	5/18/1998	upstream	6.5 feet
sturgeon	3	5/24/1998	upstream	6.5 feet
sturgeon	3	5/29/1998	upstream	5.5 feet
sturgeon	3	5/30/1998	upstream	4 feet
sturgeon	3	5/31/1998	upstream	3 feet
sturgeon	3	5/31/1998	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	6/6/1998	upstream	4 feet
sturgeon	3	6/8/1998	upstream	4 feet
sturgeon	3	6/8/1998	upstream	4.5 feet
sturgeon	3	6/12/1998	upstream	3.5 feet
sturgeon	3	6/13/1998	upstream	3.5 feet
sturgeon	3	6/16/1998	upstream	3 feet
sturgeon	3	6/16/1998	upstream	4 feet
sturgeon	3	6/16/1998	upstream	4.5 feet
sturgeon	3	6/16/1998	upstream	4.5 feet
sturgeon	3	6/16/1998	upstream	7 feet
sturgeon	3	6/17/1998	upstream	3.5 feet
sturgeon	3	6/18/1998	upstream	4.5 feet
sturgeon	3	6/21/1998	upstream	2 feet
sturgeon	3	6/21/1998	upstream	3.5 feet
sturgeon	3	6/21/1998	upstream	4 feet
sturgeon	3	6/22/1998	upstream	3 feet
sturgeon	3	6/22/1998	upstream	4 feet
sturgeon	3	6/22/1998	upstream	4.5 feet
sturgeon	3	6/22/1998	upstream	5 feet
sturgeon	3	6/23/1998	upstream	3.5 feet
sturgeon	3	6/23/1998	upstream	4 feet
sturgeon	3	6/23/1998	upstream	4.5 feet
sturgeon	3	6/24/1998	upstream	4 feet
sturgeon	3	6/24/1998	upstream	5 feet
sturgeon	3	6/25/1998	upstream	
sturgeon	3	6/26/1998	upstream	3 feet
sturgeon	3	6/27/1998	upstream	3 feet
sturgeon	3	6/27/1998	upstream	3 feet
sturgeon	3	6/27/1998	upstream	3.5 feet
sturgeon	3	6/27/1998	upstream	4 feet
sturgeon	3	6/27/1998	upstream	4 feet
sturgeon	3	6/27/1998	upstream	4.5 feet
sturgeon	3	6/28/1998	upstream	3 feet
sturgeon	3	6/28/1998	upstream	4 feet
sturgeon	3	6/28/1998	upstream	5 feet
sturgeon	3	6/29/1998	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	6/29/1998	upstream	3.5 feet
sturgeon	3	6/29/1998	upstream	4 feet
sturgeon	3	6/30/1998	upstream	2.5 feet
sturgeon	3	6/30/1998	upstream	3.5 feet
sturgeon	3	6/30/1998	upstream	4 feet
sturgeon	3	7/1/1998	upstream	4.5 feet
sturgeon	3	7/2/1998	upstream	3 feet
sturgeon	3	7/2/1998	upstream	3.5 feet
sturgeon	3	7/2/1998	upstream	4 feet
sturgeon	3	7/2/1998	upstream	4 feet
sturgeon	3	7/2/1998	upstream	5 feet
sturgeon	3	7/3/1998	upstream	4 feet
sturgeon	3	7/4/1998	upstream	3.5 feet
sturgeon	3	7/4/1998	upstream	5.5 feet
sturgeon	3	7/5/1998	upstream	3.5 feet
sturgeon	3	7/5/1998	upstream	4 feet
sturgeon	3	7/5/1998	upstream	4 feet
sturgeon	3	7/5/1998	upstream	4.5 feet
sturgeon	3	7/5/1998	upstream	5 feet
sturgeon	3	7/5/1998	upstream	5 feet
sturgeon	3	7/5/1998	upstream	5.5 feet
sturgeon	3	7/6/1998	upstream	2.5 feet
sturgeon	3	7/6/1998	upstream	3 feet
sturgeon	3	7/6/1998	upstream	4 feet
sturgeon	3	7/6/1998	upstream	4 feet
sturgeon	3	7/6/1998	upstream	4 feet
sturgeon	3	7/6/1998	upstream	4.5 feet
sturgeon	3	7/6/1998	upstream	5 feet
sturgeon	3	7/7/1998	upstream	3 feet
sturgeon	3	7/7/1998	upstream	3.5 feet
sturgeon	3	7/7/1998	upstream	3.5 feet
sturgeon	3	7/7/1998	upstream	4 feet
sturgeon	3	7/7/1998	upstream	5 feet
sturgeon	3	7/8/1998	upstream	3 feet
sturgeon	3	7/8/1998	upstream	3 feet
sturgeon	3	7/8/1998	upstream	3 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/8/1998	upstream	3 feet
sturgeon	3	7/8/1998	upstream	3.5 feet
sturgeon	3	7/8/1998	upstream	3.5 feet
sturgeon	3	7/8/1998	upstream	3.5 feet
sturgeon	3	7/8/1998	upstream	4 feet
sturgeon	3	7/8/1998	upstream	5 feet
sturgeon	3	7/9/1998	upstream	3 feet
sturgeon	3	7/9/1998	upstream	3 feet
sturgeon	3	7/9/1998	upstream	3.5 feet
sturgeon	3	7/9/1998	upstream	3.5 feet
sturgeon	3	7/9/1998	upstream	4 feet
sturgeon	3	7/9/1998	upstream	4.5 feet
sturgeon	3	7/9/1998	upstream	4.5 feet
sturgeon	3	7/9/1998	upstream	5 feet
sturgeon	3	7/9/1998	upstream	5 feet
sturgeon	3	7/10/1998	upstream	2 feet
sturgeon	3	7/10/1998	upstream	2.5 feet
sturgeon	3	7/10/1998	upstream	3 feet
sturgeon	3	7/10/1998	upstream	3.5 feet
sturgeon	3	7/10/1998	upstream	4 feet
sturgeon	3	7/11/1998	upstream	3 feet
sturgeon	3	7/11/1998	upstream	3 feet
sturgeon	3	7/11/1998	upstream	4 feet
sturgeon	3	7/11/1998	upstream	4 feet
sturgeon	3	7/11/1998	upstream	4 feet
sturgeon	3	7/11/1998	upstream	4 feet
sturgeon	3	7/11/1998	upstream	4 feet
sturgeon	3	7/11/1998	upstream	4 feet
sturgeon	3	7/11/1998	upstream	4.5 feet
sturgeon	3	7/12/1998	upstream	1.5 feet
sturgeon	3	7/12/1998	upstream	3 feet
sturgeon	3	7/12/1998	upstream	3 feet
sturgeon	3	7/12/1998	upstream	3.5 feet
sturgeon	3	7/12/1998	upstream	3.5 feet
sturgeon	3	7/12/1998	upstream	4 feet
sturgeon	3	7/12/1998	upstream	4 feet
sturgeon	3	7/12/1998	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/12/1998	upstream	4.5 feet
sturgeon	3	7/13/1998	upstream	2.5 feet
sturgeon	3	7/13/1998	upstream	3 feet
sturgeon	3	7/13/1998	upstream	3 feet
sturgeon	3	7/13/1998	upstream	3 feet
sturgeon	3	7/14/1998	upstream	2 feet
sturgeon	3	7/14/1998	upstream	3 feet
sturgeon	3	7/14/1998	upstream	3.5 feet
sturgeon	3	7/14/1998	upstream	4 feet
sturgeon	3	7/14/1998	upstream	4.5 feet
sturgeon	3	7/15/1998	upstream	3 feet
sturgeon	3	7/15/1998	upstream	3.5 feet
sturgeon	3	7/15/1998	upstream	4 feet
sturgeon	3	7/16/1998	upstream	3 feet
sturgeon	3	7/16/1998	upstream	3.5 feet
sturgeon	3	7/16/1998	upstream	5 feet
sturgeon	3	7/17/1998	upstream	3 feet
sturgeon	3	7/17/1998	upstream	4 feet
sturgeon	3	7/18/1998	upstream	3 feet
sturgeon	3	7/18/1998	upstream	3 feet
sturgeon	3	7/19/1998	upstream	2.5 feet
sturgeon	3	7/19/1998	upstream	3 feet
sturgeon	3	7/19/1998	upstream	5.5 feet
sturgeon	3	7/20/1998	upstream	2.5 feet
sturgeon	3	7/20/1998	upstream	2.5 feet
sturgeon	3	7/20/1998	upstream	3 feet
sturgeon	3	7/20/1998	upstream	3.5 feet
sturgeon	3	7/20/1998	upstream	4.5 feet
sturgeon	3	7/21/1998	upstream	3 feet
sturgeon	3	7/21/1998	upstream	3 feet
sturgeon	3	7/21/1998	upstream	3.5 feet
sturgeon	3	7/21/1998	upstream	4 feet
sturgeon	3	7/21/1998	upstream	4.5 feet
sturgeon	3	7/22/1998	upstream	3 feet
sturgeon	3	7/22/1998	upstream	3.5 feet
sturgeon	3	7/22/1998	upstream	4 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	7/23/1998	upstream	2.5 feet
sturgeon	3	7/23/1998	upstream	3.5 feet
sturgeon	3	7/23/1998	upstream	4 feet
sturgeon	3	7/23/1998	upstream	4 feet
sturgeon	3	7/24/1998	upstream	3 feet
sturgeon	3	7/24/1998	upstream	3.5 feet
sturgeon	3	7/24/1998	upstream	3.5 feet
sturgeon	3	7/24/1998	upstream	4 feet
sturgeon	3	7/25/1998	upstream	3 feet
sturgeon	3	7/25/1998	upstream	3 feet
sturgeon	3	7/25/1998	upstream	4 feet
sturgeon	3	7/26/1998	upstream	2.5 feet
sturgeon	3	7/26/1998	upstream	3 feet
sturgeon	3	7/26/1998	upstream	3 feet
sturgeon	3	7/26/1998	upstream	3.5 feet
sturgeon	3	7/26/1998	upstream	4 feet
sturgeon	3	7/26/1998	upstream	4 feet
sturgeon	3	7/26/1998	upstream	4 feet
sturgeon	3	7/26/1998	upstream	4.5 feet
sturgeon	3	7/27/1998	upstream	2.5 feet
sturgeon	3	7/27/1998	upstream	3 feet
sturgeon	3	7/27/1998	upstream	3 feet
sturgeon	3	7/27/1998	upstream	3.5 feet
sturgeon	3	7/27/1998	upstream	3.5 feet
sturgeon	3	7/27/1998	upstream	4 feet
sturgeon	3	7/29/1998	upstream	2 feet
sturgeon	3	7/29/1998	upstream	2.5 feet
sturgeon	3	7/29/1998	upstream	2.5 feet
sturgeon	3	7/29/1998	upstream	2.5 feet
sturgeon	3	7/29/1998	upstream	3 feet
sturgeon	3	7/30/1998	upstream	3.5 feet
sturgeon	3	7/31/1998	upstream	3 feet
sturgeon	3	8/1/1998	upstream	2 feet
sturgeon	3	8/1/1998	upstream	2 feet
sturgeon	3	8/1/1998	upstream	3 feet
sturgeon	3	8/1/1998	upstream	3.5 feet

Species	Cum. Ladder	Date	Swimming Direction	Length
sturgeon	3	8/1/1998	upstream	3.5 feet
sturgeon	3	8/1/1998	upstream	3.5 feet
sturgeon	3	8/2/1998	upstream	3 feet
sturgeon	3	8/3/1998	upstream	2 feet
sturgeon	3	8/3/1998	upstream	3.5 feet
sturgeon	3	8/4/1998	upstream	2.5 feet
sturgeon	3	8/4/1998	upstream	4 feet
sturgeon	3	8/4/1998	upstream	4 feet
sturgeon	3	8/6/1998	upstream	5 feet
sturgeon	3	8/7/1998	upstream	2 feet
sturgeon	3	8/7/1998	upstream	4 feet
sturgeon	3	8/7/1998	upstream	5 feet
sturgeon	3	8/8/1998	upstream	2.5 feet
sturgeon	3	8/8/1998	upstream	3 feet
sturgeon	3	8/8/1998	upstream	3 feet
sturgeon	3	8/9/1998	upstream	2.5 feet
sturgeon	3	8/9/1998	upstream	3 feet
sturgeon	3	8/11/1998	upstream	2 feet
sturgeon	3	8/11/1998	upstream	3.5 feet
sturgeon	3	8/13/1998	upstream	1.5 feet
sturgeon	3	8/15/1998	upstream	4 feet
sturgeon	3	8/18/1998	upstream	2.5 feet
sturgeon	3	8/19/1998	upstream	4 feet
sturgeon	3	8/19/1998	upstream	4 feet
sturgeon	3	8/19/1998	upstream	4 feet
sturgeon	3	8/20/1998	upstream	1.5 feet
sturgeon	3	8/22/1998	upstream	3.5 feet
sturgeon	3	8/22/1998	upstream	4 feet
sturgeon	3	8/23/1998	upstream	3.5 feet
sturgeon	3	8/25/1998	upstream	2 feet
sturgeon	3	8/25/1998	upstream	3 feet
sturgeon	3	8/26/1998	upstream	2 feet
sturgeon	3	8/26/1998	upstream	3 feet
sturgeon	3	8/26/1998	upstream	4 feet
sturgeon	3	8/28/1998	upstream	3.5 feet
sturgeon	3	8/29/1998	upstream	2 feet

Species	Cum. Ladder	Date	Swimming Direction	Length	
sturgeon	3	9/1/1998	upstream	4.5 feet	
sturgeon	3	9/2/1998	upstream	3.5 feet	
sturgeon	3	9/3/1998	upstream	3 feet	
sturgeon	3	9/3/1998	upstream	3.5 feet	
sturgeon	3	9/4/1998	upstream	2.5 feet	
sturgeon	3	9/4/1998	upstream	3 feet	
sturgeon	3	9/4/1998	upstream	3.5 feet	
sturgeon	3	9/8/1998	upstream	2.5 feet	
sturgeon	3	9/9/1998	upstream	3 feet	
sturgeon	3	9/10/1998	upstream	6 feet	
sturgeon	3	9/11/1998	upstream	2 feet	
sturgeon	3	9/15/1998	upstream	3 feet	
sturgeon	3	9/18/1998	upstream	3.5 feet	
sturgeon	3	9/19/1998	upstream	4 feet	
sturgeon	237	3	10/2/1998	upstream	feet
sturgeon	4	6/13/1998	upstream	5 feet	
sturgeon	4	6/14/1998	upstream	5 feet	
sturgeon	4	6/30/1998	upstream	5 feet	
sturgeon	4	7/1/1998	upstream	3 feet	
sturgeon	4	7/1/1998	upstream	3.5 feet	
sturgeon	4	7/14/1998	upstream	3 feet	
sturgeon	4	8/2/1998	upstream	4 feet	
sturgeon	4	8/3/1998	upstream	3.5 feet	
sturgeon	4	8/3/1998	upstream	4 feet	
sturgeon	4	8/4/1998	upstream	4 feet	
sturgeon	4	8/8/1998	upstream	4 feet	
sturgeon	4	8/9/1998	upstream	5 feet	
sturgeon	4	8/13/1998	upstream	3 feet	
sturgeon	4	8/14/1998	upstream	3 feet	
sturgeon	4	8/16/1998	upstream	3 feet	
sturgeon	4	8/19/1998	upstream	4 feet	
sturgeon	4	8/19/1998	upstream	5 feet	
sturgeon	4	8/22/1998	upstream	3.75 feet	
sturgeon	4	8/26/1998	upstream	3 feet	
sturgeon	4	8/29/1998	upstream	2.5 feet	
sturgeon	4	8/31/1998	upstream	4.5 feet	

Species	Cum.	Ladder	Date	Swimming Direction	Length
sturgeon		4	9/4/1998	upstream	4 feet
sturgeon	23	4	9/15/1998	upstream	4 feet
sturgeon		6	9/8/1998	upstream	3 feet
sturgeon	2	6	9/13/1998	upstream	3 feet