

Jeff Koenings
Director

Ref # 12578

STATE OF WASHINGTON
DEPARTMENT OF FISH AND WILDLIFE
FISH PROGRAM – REGION 5
2108 Grand Blvd. Vancouver, WA 98661 – (360) 696-6211

June 10, 2008

To: Charles Frady
Mike Galliant

From: Michelle Groesbeck

SUBJECT: 2007 NATURAL SPAWN ESCAPEMENT FOR SPRING CHINOOK IN
THE METHOW BASIN AND REDD COUNTS FOR ASOTIN CREEK
AND TUCANNON RIVER

The following tables are a summary for spring Chinook natural spawn escapement in the Methow Basin and Asotin Creek. The first table is for the Methow River and tributaries. The second table is spring Chinook redd counts for Asotin Creek and Tucannon River. The purpose of this table is to incorporate data that has not been summarized yet into StreamNet to provide information on fisheries in a timely manner and a known location.

Attach: Tables 1-3

Table 1. 2007 Methow Basin Spring Chinook Natural Spawn Escapement.

Stream	Redds		Estimated spawning escapement	Carcasses				
	Count	Basin proportion (%)		Recoveries			Expanded count	
				H	W	Total	H	W
Methow River	174	56.7	609	148	23	175 ^a	506	103
Chewuch River	79	25.7	277	43	17	61 ^a	203	74
Twisp River	30	9.8	105	22	6	28	65	40
Lost River	11	3.6	39	0	1	1	0	39
Early Winters Creek	3	1.0	10	0	1	1	0	10
Methow Hatchery outfall	7	2.3	25	6	0	6	25	0
Winthrop Hatchery outfall	3	1.0	10	5	0	5	10	0
Suspension Creek	0	0.0	0	0	0	0	0	0
Total	307	100.0	1,075	224	48	277^a	809	266

^a Includes fish of unknown origin.

Table 2. Spring Chinook Redd Counts for Asotin Creek.

Year	Number of Redds	Comments
1972	12	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1973	13	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1974-1983	N/A	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1984	8	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1985	1	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1986	1	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1987	3	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1988	1	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1989	0	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1990	2	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1991	0	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1992	0	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1993	2	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1994	0	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1995	0	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1996	0	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1997	1	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1998	0	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
1999	0	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
2000	1	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
2001	4	Data are redd counts and combined counts of live fish and carcasses

		from the USFS boundary to Lick Creek on the NF Asotin Creek.
2002	4	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
2003	1	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
2004	13	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
2005	2	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
2006	11	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.
2007	3	Data are redd counts and combined counts of live fish and carcasses from the USFS boundary to Lick Creek on the NF Asotin Creek.

Table 3. Tucannon River Spring Chinook Redd Counts.

Year	Number of Redds	Comments
1985	219	
1986	200	
1987	185	
1988	117	
1989	106	
1990	180	
1991	90	
1992	200	
1993	192	
1994	44	
1995	5	
1996	69	
1997	73	
1998	26	
1999	41	
2000	92	
2001	298	
2002	299	
2003	118	
2004	160	
2005	102	
2006	101	
2007	81	