

From: Colleen Harvey Arrison
To: 2005 Mill Ck SR diristribution list
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Subject: 2005 Mill Creek spring run salmon estimate

Spring-run salmon redd surveys to estimate the 2005 population in Mill Creek, Tehama County, were completed October 4th - 13th. **An estimated 1,150 spring-run Chinook spawned in Mill Creek in 2005.**

Surveys extended from upstream of Hwy 36 bridge at elevation 5200', downstream to below Little Mill Creek at elevation 1000'. This 47 mile reach encompasses the known holding and spawning habitat of spring-run Chinook in Mill Creek.

Thank-you to everyone who committed to assisting in the prestigious "Tour de Oncoryhnchus" spawning surveys in Mill Creek this year!

The attached table shows the spring-run counts in Antelope, Deer and Mill Creeks from 1992 to 2005.

I will be sending out a more comprehensive field memo showing spawning distribution and holding and spawning water temperatures in December.

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**Spring-run Chinook salmon counts in Antelope, Deer and Mill Creeks
1992-2005**

Year	Antelope Creek (snorkel count)	Deer Creek (snorkel count)	Mill Creek (redd expansion)
1992	0	209	
1993	3	259	
1994	0	485	
1995	7	1,295	
1996	1	614	
1997	0	466	202 ^{1/}
1998	154	1,879	424
1999	40	1,591	560
2000	9	637	544
2001	8	1,622	1,100
2002	46	2,185	1,594
2003	46	2,759	1,426
2004	3	804	998
2005	82	2,239	1,150

^{1/} First year of using redd counts to estimate population.