

2009-2010 Mokelumne Hatchery Straying and Return Rates



Recovery Location		#	%
Sacramento River	CNFH	2	0.3
	In-river	0	0
Feather River	FRFH	11	1.5
	In-river	20	0.3
Yuba River	In-river	1	0.1
American River	NBFH	358	48.9
	Weir	27	3.7
	In-river	22	3.0
Mokelumne River	MRFH	260	35.5
	In-river	14	1.9
Merced River	MRH	37	5.1
	In-river	0	0
Total Recoveries		732	

Summary of 2009 Mokelumne Origin Chinook Salmon Inland Recoveries



Recovery Location	Number Recovered	Percent of All Inland Recoveries	% of Moke Origin Recoveries at Mokelumne River
American River	407	55.6%	148.5%
NBFH	358	48.9%	130.7%
Nimbus Weir	27	3.7%	9.9%
Carcass Surveys	22	3.0%	8.0%
Mokelumne River	274	37.4%	100.0%
MRFH	260	35.5%	94.9%
Carcass Surveys	14	1.9%	5.1%
Merced River	37	5.1%	13.5%
MRH	37	5.1%	13.5%
Carcass Surveys	0	0.0%	0.0%
Feather River	13	1.8%	4.7%
FRFH	11	1.5%	4.0%
Carcass Surveys	2	0.3%	0.7%
Sacramento River	2	0.3%	0.7%
CNFH ¹	2	0.3%	0.001%
Carcass Surveys	0	0.0%	0.0%
Yuba River	1	0.1%	0.4%
Carcass Surveys	1	0.1%	0.4%

1- Coded wire tags were sub-sampled. final number recovered at CNFH may be be adjusted upward.

Origin of Salmon Returning to the Mokelumne River System 2009/2010



Coded Wire Tagged Chinook Salmon Recoveries¹

Hatchery of Origin	CWT Recoveries		% of Mok R. Total Recovery	
	Location ²	Number Recovered		
Coleman (Sacramento R.)	MRFH	11	11	3.3%
	LMR	0		
Feather River	MRFH	25	25	7.6%
	LMR	0		
Nimbus (American River)	MRFH	19	19	5.8%
	LMR	0		
Mokelumne River	MRFH	260	274	83.3%
	LMR	14		
SUM ³		329		

Origin of Salmon Returning to the American River 2009/2010



Coded Wire Tagged Chinook Salmon Recoveries¹

Hatchery of Origin	CWT Recoveries		% of AR Total Recovery
	Location ²	Number Recovered	
Coleman (Sacramento R.)	LAR	80	204 15.9%
	NBFH	120	
	NBFHW	4	
Feather River	LAR	44	400 31.2%
	NBFH	101	
	NBFHW	255	
Nimbus (American River)	LAR	21	272 21.2%
	NBFH	241	
	NBFHW	10	
Mokelumne River	LAR	22	407 31.7%
	NBFH	358	
	NBFHW	27	

SUM³

1,283

Origin of Salmon Returning to the Merced River 2009/2010



Coded Wire Tagged Chinook Salmon Recoveries¹

Hatchery of Origin	CWT Recoveries		% of MRH Total Recovery
	Location ²	Number Recovered	
Merced River	MRH	1	2.0%
Coleman (Sacramento R.)	MRH	2	4.1%
Feather River	MRH	8	16.3%
Nimbus (American River)	MRH	1	2.0%
Mokelumne River	MRH	37	75.6%
SUM ³		49	

CODED WIRE TAG DATA



- 1- These *preliminary* data were provided by the CDFG Ocean Salmon Project.
- 2- Recovery locations include the Mokelumne, American, Sacramento, Feather, Yuba and Merced Rivers, associated fish hatcheries (MRFH, NBFH, CNFH and MRH), and the Nimbus fish weir (NFHW).
- 3- Recovery sums do not include adipose fin clipped salmon where either no tag was recovered, the tag was unreadable or the tag was lost.