

Part 1. Land Use.**Keswick - Red Bluff Reach**

LAND USE CATEGORY	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Agriculture			6,854	37%
Upland Vegetation			6,492*	35%
Urban	<i>Not determined for this reach.</i>		2,161	12%
Riparian Vegetation			2,147*	12%*
Water Surface (excluding main channel)			443	2%
Miscellaneous			356	2%
Unknown			48	<1%
Total Land Surface Area			18,501	100%
Channel Surface Area			3,296	
Total:			21,797	

*The purpose of SWR land use surveys is to map agricultural crops. Refer to Appendix D Part 2 for more accurate riparian vegetation data. Land use data based on DWR agricultural land use surveys of Shasta, Tehama, Butte, Glenn, Colusa, Sutter, and Yolo Counties (see References). Percentages may not be equal to 100 due to rounding.

Red Bluff - Chico Landing Reach

LAND USE CATEGORY	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Agriculture	7,427	47%	41,855	75%
Riparian Vegetation	4,806*	30%*	6,413*	12%*
Upland Vegetation	2,811*	18%*	5,195*	9%*
Water Surface (excluding main channel)	588	4%	768	1%
Miscellaneous	174	1%	210	<1%
Urban	107	1%	611	1%
Unknown	4	<1%	415	1%
Total Land Surface Area	15,917	101%	55,467	99%
Channel Surface Area	2,800		2,800	
Total:	18,717		58,267	

*The purpose of SWR land use surveys is to map agricultural crops. Refer to Appendix D Part 2 for more accurate riparian vegetation data. Land use data based on DWR agricultural land use surveys of Shasta, Tehama, Butte, Glenn, Colusa, Sutter, and Yolo Counties (see References). Percentages may not be equal to 100 due to rounding.

Part 1. Land Use.**Chico Landing - Colusa Reach**

LAND USE CATEGORY	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Agriculture			55,353	75%
Riparian Vegetation			11,081	15%
Upland Vegetation	<i>Not determined for this reach.</i>		4,780	7%
Water Surface (excluding main channel)			1,254	2%
Urban			866	1%
Miscellaneous			146	<1%
Unknown			0	0%
Total Land Surface Area			73,480	100%
Channel Surface Area			2,704	
Total:			76,184	

*The purpose of SWR land use surveys is to map agricultural crops. **Refer to Appendix D Part 2 for more accurate riparian vegetation data.** Land use data based on DWR agricultural land use surveys of Shasta, Tehama, Butte, Glenn, Colusa, Sutter, and Yolo Counties (see References). Percentages may not be equal to 100 due to rounding.

Colusa - Verona Reach

LAND USE CATEGORY	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Agriculture			48,230	89%
Riparian Vegetation			2,505	5%
Upland Vegetation			1,693	3%
Urban			830	2%
Water Surface (excluding main channel)			661	1%
Miscellaneous			279	1%
Unknown			0	0%
Total Land Surface Area			54,198	101%
Channel Surface Area			2,998	
Total:			57,196	

*The purpose of SWR land use surveys is to map agricultural crops. **Refer to Appendix D Part 2 for more accurate riparian vegetation data.** Land use data based on DWR agricultural land use surveys of Shasta, Tehama, Butte, Glenn, Colusa, Sutter, and Yolo Counties (see References). Percentages may not be equal to 100 due to rounding.

Part 2. Riparian Vegetation.

Keswick - Red Bluff Reach

VEGETATION TYPE	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Riparian Forests	2,643	14%		
Riparian Scrub			1,178	6%
Valley Oak Woodland			450	2%
Marsh			32	<1%
Blackberry Scrub			5	<1%
Total Riparian Vegetation	<i>Not determined for this reach.</i>		4,308	23%
Total Land Surface Area			18,501	
Channel Surface Area			3,296	
Total:			21,797	

CSUC (1993;1994). Percentages may not total due to rounding.

Red Bluff - Chico Landing Reach

VEGETATION TYPE	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Riparian Forests	4,373	27%	5,549	10%
Riparian Scrub	791	5%	1,050	2%
Valley Oak Woodland	90	1%	274	<1%
Marsh			17	<1%
Blackberry Scrub	3	<1%	12	<1%
Total Riparian Vegetation	5,257	33%	6,902	12%
Total Land Surface Area	15,917		55,467	
Channel Surface Area	2,800		2,800	
Total:	18,717		58,267	

CSUC (1994;1995). Percentages may not total due to rounding.

Part 2. Riparian Vegetation.
Chico Landing - Colusa Reach

VEGETATION TYPE	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Large Climax Riparian Forest			3,992	5%
Emergent Riparian Vegetation			2,259	3%
Subclimax Riparian Forest			1,828	2%
Young Trees			1,007	1%
	<i>Not determined for this reach.</i>			
Total Riparian Vegetation			9,086	12%
Total Land Surface Area			73,480	
Channel Surface Area			2,704	
Total:			76,184	

DWR (1987). "Emergent riparian vegetation" also includes upland grasses and forbs.

Colusa - Verona

VEGETATION TYPE	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
<u>Within Levees</u>				
Large Climax Riparian Forest			1,351	2%
Subclimax Riparian Forest	<i>Not determined for this reach.</i>		365	1%
Young Trees			200	<1%
Narrow "stringers" of riparian trees			12	<1%
<u>Outside Levees</u>				
Riparian Vegetation and Valley Oak Woodland			915	2%
Total Riparian Vegetation			2,843	5%
Total Land Surface Area			54,198	
Channel Surface Area			2,998	
Total:			57,196	

Within Levees: DWR (1987);

Outside Levees: Estimated from 1977 data in Nelson, 1984.

Part 3. Ownership.

Keswick - Red Bluff Reach

OWNERSHIP CATEGORY	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Private			15,800	85%
Private Conservation				
Private with Easements				
Public				
Federal	<i>Not determined for this reach.</i>		1,100	6%
State			800	4%
Local District, City, County			800	4%
Not Determined				
Total (Land Surface Area):			18,500	99%
Channel Surface Area			3,300	
Total:			21,800	

DWR Sacramento River GIS (May 1994); DPR (1994). Rounded to nearest 100 acres.

Red Bluff - Chico Landing Reach

OWNERSHIP CATEGORY	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Private	10,200	65%	46,100	83%
Private Conservation	300	2%	600	1%
Private with Easements	100	1%	100	<1%
Public				
Federal	2,700	17%	4,500	8%
State	1,900	12%	2,000	4%
Local District, City, County	<100	<1%	300	1%
Not Determined	600	4%	1,800	3%
Total (Land Surface Area):	15,800	101%	55,400	100%
Channel Surface Area	2,800		2,800	
Total:	18,600		58,200	

DWR Sacramento River GIS (May 1994); DPR (1994); Conservation easement records kept by DWR. Rounded to the nearest 100 acres.

Part 3. Ownership.**Chico Landing - Colusa Reach**

OWNERSHIP CATEGORY	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Private			58,300	79%
Private Conservation				
Private with Easements			3,600	5%
Public				
Federal	<i>Not determined for this reach.</i>		2,600	4%
State			3,900	5%
Local District, City, County			600	1%
Not Determined			4,500	6%
Total (Land Surface Area):			73,500	100%
Channel Surface Area			2,700	
Total:			76,200	

DWR Sacramento River GIS (May 1994); DPR (1994). Conservation easement records kept by DWR. Rounded to nearest 100 acres.

Colusa - Verona Reach

OWNERSHIP CATEGORY	INNER RIVER ZONE GUIDELINE		CONSERVATION AREA	
	Acres	% of Land Surface Area	Acres	% of Land Surface Area
Private			48,700	90%
Private Conservation				
Private with Easements			200	<1%
Public				
Federal	<i>Does not apply to this reach.</i>			
State			200	<1%
Local District, City, County			200	<1%
Not Determined			4,900	9%
Total (Land Surface Area):			54,200	99%
Channel Surface Area			3,000	
Total:			57,200	

DWR Sacramento River GIS (May 1994); DPR (1994); Conservation easement records kept by DWR. Rounded to the nearest 100 acres.