

**Table Rec 4-16a. Average Number of Hours per Day (7:00 AM - 7:00 PM) that River Crossing was Possible at Trail Crossings in the Middle Fork American River - IMPAIRED CONDITIONS.**

**Critical Dry Water Years (1988, 1992, 1994)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	5.9	6.5	9.3	10.0	3.0	4.6	4.3	10.2	31.2	7.8
Ruck-a-Chucky	125	450	5.7	7.9	7.5	10.4	0.3	4.3	0.4	8.0	30.5	7.6
Poverty Bar	225	550	7.9	9.1	10.1	11.0	2.8	5.0	3.0	10.0	35.0	8.8
Mammoth Bar	175	375	8.1	9.5	10.1	11.0	1.8	4.1	1.8	7.0	31.6	7.9
Coffer Dam	175	375	5.4	8.8	8.3	10.2	0.3	1.2	0.0	0.5	20.7	5.2

**Dry Water Years (1990, 1991, 2001, 2007)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	3.0	4.1	6.6	7.7	7.5	8.7	0.9	5.1	25.5	6.4
Ruck-a-Chucky	125	450	1.3	4.7	5.6	7.9	6.0	8.6	0.0	3.3	24.4	6.1
Poverty Bar	225	550	2.8	5.7	6.7	8.8	7.1	9.2	0.6	4.8	28.5	7.1
Mammoth Bar	175	375	2.5	5.8	6.5	8.4	6.5	8.4	0.4	2.1	24.7	6.2
Coffer Dam	175	375	0.9	4.5	4.9	8.0	2.6	5.1	0.0	0.0	17.7	4.4

**Below Normal Water Years (1989, 2002, 2003, 2004)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	3.6	4.6	5.8	7.3	2.0	4.0	0.2	1.0	16.8	4.2
Ruck-a-Chucky	125	450	1.2	5.6	2.4	7.4	0.8	3.3	0.0	0.9	17.2	4.3
Poverty Bar	225	550	4.4	6.8	5.6	8.6	1.8	4.5	0.1	1.5	21.5	5.4
Mammoth Bar	175	375	4.2	7.0	4.8	8.1	1.6	3.0	0.0	0.9	18.9	4.7
Coffer Dam	175	375	0.4	5.4	2.1	7.0	0.0	1.1	0.0	0.0	13.5	3.4

**Above Normal Water Years (1993, 1999, 2000, 2005)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	1.6	2.7	5.6	6.9	3.7	5.6	0.0	0.1	15.4	3.8
Ruck-a-Chucky	125	450	0.9	3.0	1.9	7.4	0.0	5.3	0.0	0.0	15.8	3.9
Poverty Bar	225	550	1.5	3.8	4.1	8.6	2.7	6.1	0.0	0.1	18.6	4.6
Mammoth Bar	175	375	1.4	3.2	3.5	8.1	1.5	5.1	0.0	0.0	16.5	4.1
Coffer Dam	175	375	0.7	2.3	0.8	7.1	0.0	1.9	0.0	0.0	11.3	2.8

**Wet Water Years (1995, 1997, 1998, 2006)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	0.3	0.7	4.9	6.0	0.0	2.8	0.0	0.2	9.6	2.4
Ruck-a-Chucky	125	450	0.0	0.8	0.7	6.2	0.0	2.5	0.0	0.0	9.5	2.4
Poverty Bar	225	550	0.2	1.0	3.6	6.7	0.0	3.3	0.0	0.2	11.3	2.8
Mammoth Bar	175	375	0.1	0.8	2.6	6.6	0.0	1.9	0.0	0.0	9.3	2.3
Coffer Dam	175	375	0.0	0.2	0.5	5.8	0.0	0.1	0.0	0.0	6.1	1.5

Notes:

- Easy = Number of days trail crossing was available below the Easy/Moderate flow threshold
- Moderate = Number of days trail crossing was available below the Moderate/Difficult flow threshold (includes the number of days that trail crossing was unavailable below the Easy/Moderate flow threshold)
- Summer = June, July, August
- Fall = September, October, November
- Winter = December, January, February
- Spring = March, April, May

**Table Rec 4-16b. Average Number of Hours per Day (7:00 AM - 7:00 PM) that River Crossing was Possible at Trail Crossings in the Middle Fork American River - UNIMPAIRED CONDITIONS.**

**Critical Dry Water Years (1976, 1977, 1987, 1988, 1992, 1994)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	10.4	11.7	10.2	11.5	6.4	9.9	0.7	2.4	35.5	8.9
Ruck-a-Chucky	125	450	3.4	8.1	9.4	11.7	2.2	10.6	0.2	2.8	33.3	8.3
Poverty Bar	225	550	9.8	11.7	9.7	11.5	5.1	9.9	0.3	2.3	35.4	8.9
Mammoth Bar	175	375	8.9	11.1	9.1	11.0	3.1	8.5	0.0	1.2	31.8	8.0
Coffer Dam	175	375	7.0	10.2	6.6	10.1	1.4	5.3	0.0	0.5	26.0	6.5

**Dry Water Years (1981, 1990, 1991, 2001, 2007)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	8.9	10.9	10.5	11.7	5.3	9.6	0.0	0.3	32.5	8.1
Ruck-a-Chucky	125	450	1.8	6.3	8.9	11.8	2.3	10.0	0.0	1.7	29.8	7.4
Poverty Bar	225	550	8.2	10.8	9.6	11.7	3.6	9.5	0.0	0.3	32.3	8.1
Mammoth Bar	175	375	7.1	9.7	7.6	11.4	2.2	7.1	0.0	0.0	28.2	7.1
Coffer Dam	175	375	4.9	8.6	5.6	10.4	1.6	4.4	0.0	0.0	23.4	5.8

**Below Normal Water Years (1979, 1985, 1989, 2002, 2003, 2004)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	7.4	9.3	10.1	10.9	1.0	4.8	0.0	0.0	25.0	6.3
Ruck-a-Chucky	125	450	0.1	4.8	7.5	11.9	0.8	5.8	0.0	0.3	22.8	5.7
Poverty Bar	225	550	6.6	9.3	9.7	10.9	0.8	4.7	0.0	0.0	24.9	6.2
Mammoth Bar	175	375	5.3	8.4	9.1	10.5	0.4	2.0	0.0	0.0	20.9	5.2
Coffer Dam	175	375	1.9	7.0	6.3	10.0	0.0	1.0	0.0	0.0	18.1	4.5

**Above Normal Water Years (1975, 1978, 1993, 1999, 2000, 2005)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	4.7	6.3	10.4	11.7	2.0	4.1	0.0	0.0	22.1	5.5
Ruck-a-Chucky	125	450	0.0	1.8	2.8	11.8	0.9	6.9	0.0	0.0	20.5	5.1
Poverty Bar	225	550	3.8	6.3	9.3	11.7	1.3	4.0	0.0	0.0	22.0	5.5
Mammoth Bar	175	375	2.4	5.4	8.0	11.3	0.6	2.6	0.0	0.0	19.3	4.8
Coffer Dam	175	375	0.1	4.4	2.9	10.0	0.1	1.7	0.0	0.0	16.1	4.0

**Wet Water Years (1995, 1997, 1998, 2006)**

Trail Crossing Location	Threshold (cfs)		Summer		Fall		Winter		Spring		Annual	
	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Easy	Moderate	Total	Average
Fords Bar	275	550	3.4	5.8	9.0	10.4	0.2	1.6	0.0	0.0	17.8	4.5
Ruck-a-Chucky	125	450	0.0	1.4	2.0	11.0	0.2	3.5	0.0	0.0	16.0	4.0
Poverty Bar	225	550	2.5	5.7	7.8	10.4	0.0	1.6	0.0	0.0	17.7	4.4
Mammoth Bar	175	375	1.6	4.4	6.3	9.8	0.0	0.8	0.0	0.0	14.9	3.7
Coffer Dam	175	375	0.1	3.1	1.6	8.6	0.0	0.1	0.0	0.0	11.8	2.9

Notes:

Easy = Number of days trail crossing was available below the Easy/Moderate flow threshold

Moderate = Number of days trail crossing was available below the Moderate/Difficult flow threshold (includes the number of days that trail crossing was unavailable below the Easy/Moderate flow threshold)

Summer = June, July, August

Fall = September, October, November

Winter = December, January, February

Spring = March, April, May