

**Migration Barrier Table: Mission Watershed**

**BARRIER ID**

**Mission Creek**

BR_MN_1
BR_MN_2
BR_MN_3
BR_MN_4
BR_MN_5
BR_MN_6
BR_MN_7
BR_MN_8
BR_MN_9
BR_MN_10
BR_MN_11
BR_MN_12
BR_MN_13
BR_MN_14
BR_MN_15
BR_MN_16
BR_MN_17
BR_MN_18
BR_MN_19
BR_MN_20
BR_MN_21
BR_MN_RE_1
BR_MN_RE_2
BR_MN_RE_3
BR_MN_RE_4
BR_MN_RE_5
BR_MN_RE_6
BR_MN_RE_7
BR_MN_RE_8
BR_MN_RE_9
BR_MN_RE_10
BR_MN_RE_11
BR_MN_RE_12
BR_MN_RE_13
BR_MN_RE_14

Primary Stream	Primary Tributary	Secondary Tributary	Tertiary Tributary	Physical Description of Barrier Location
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Mission				Chapala Street Crossing to UPRR Crossing
Mission				Castillo Bridge to u/s of Arrellaga Bridge
Mission				d/s Side of Pedregosa Street Bridge
Mission				Under Pedregosa Street Bridge
Mission				d/s of Mission St. Bridge to Los Olivos St.
Mission				Tallant Road Bridge
Mission				Adjacent to Natural History Museum of S.B.
Mission				#1 Mission Canyon Road Bridge
Mission				d/s of Highway 192 Bridge
Mission				25' u/s Rattlesnake Ck. Conf.
Mission				#2 Mission Canyon Road Bridge
Mission				d/s of Santa Barbara Botanic Garden
Mission				Santa Barbara Botanic Garden
Mission				u/s of Santa Barbara Botanic Garden
Mission				~400' u/s Debris Basin Dam
Mission				~ Elevation 900'
Mission				~ Elevation 920'
Mission				~ Elevation 1080'
Mission				~ Elevation 1160'
Mission				~ Elevation 1180'
Mission				Tunnel Road Bridge
Mission	Rattlesnake			~150' u/s Mission Ck. Conf.
Mission	Rattlesnake			~ Elevation 610'
Mission	Rattlesnake			~ Elevation 650'
Mission	Rattlesnake			~ Elevation 745'
Mission	Rattlesnake			~ Elevation 870'
Mission	Rattlesnake			Las Canoas Road Bridge
Mission	Rattlesnake			~ Elevation 955'
Mission	Rattlesnake			~ Elevation 1020'
Mission	Rattlesnake			~ Elevation 1060'
Mission	Rattlesnake			~200' u/s Old Mission Dam
Mission	Rattlesnake			~ Elevation 1445'
Mission	Rattlesnake			~ Elevation 1450'
Mission	Rattlesnake			~ Elevation 1560'
Mission	Rattlesnake			~ Elevation 1640'

Ownership / Interest	Barrier Type	Severity
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SBCFCD	Concrete Channelization	0.70
CALTRANS	Concrete Channelization	0.90
CALTRANS	Grade Control Structure	0.60
CALTRANS	Grade Control Structure	0.20
CALTRANS	Concrete Channelization	0.90
City of Santa Barbara	Bridge and Grade Control Structures	0.90
	Grade Control Structure	0.60
	Bridge and Apron	0.60
CALTRANS	Bridge and Apron	0.90
	Boulder Cascade	0.80
SBCPWRD	Bridge and Apron	0.80
City of Santa Barbara/So. Cal Gas Co.	Pipe Crossing Grade Control Structure	0.70
Santa Barbara Botanic Garden	Old Mission Dam	1.00
SBCFCD	Debris Basin Dam	1.00
	Bedrock Chute	0.80
	Stone Dam	0.60
	Bedrock Waterfall	0.90
City of Santa Barbara	Bedrock and Boulder Waterfall	0.90
	Bedrock and Boulder Waterfall	0.90
City of Santa Barbara	Bedrock and Boulder Cascade	0.90
City of Santa Barbara	Bedrock Waterfall	1.00
	Pipe Crossing Grade Control Structure	0.60
	Riprap Channelization	0.90
	Bridge and Apron	0.90
	Diversion Dam	0.30
City of Santa Barbara	Aerial Pipe Blockage	0.90
City of Santa Barbara	Bridge and Apron	1.00
SBCFCD	Debris Basin Dam	1.00
City of Santa Barbara	Bedrock Waterfall and Boulder Cascades	0.80
City of Santa Barbara	Old Mission Dam	0.90
City of Santa Barbara	Bedrock Chute	0.80
City of Santa Barbara	Boulder Cascade	0.80
City of Santa Barbara	Bedrock and Boulder Cascade	0.90
City of Santa Barbara	Boulder Cascade	0.90
City of Santa Barbara	Bedrock Chute	1.00

Stream Miles from Ocean to Downstream End	Stream Miles from Ocean to Upstream End	Total Length of Structure (miles)
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0.30	0.44	0.14
1.11	1.85	0.74
2.14		
2.15		
2.22	2.49	0.27
3.02		
4.12		
4.22		
4.74		
4.85		
5.14		
5.23		
5.64		
5.91		
5.98		
6.02		
6.06		
6.37		
6.49		
6.70		
6.81		
4.87		
5.18		
5.40		
5.72		
6.07		
6.15		
6.32		
6.45		
6.55		
6.60		
7.11		
7.13		
7.22		
7.31		

Stream Miles to Natural Upstream Limits	Stream Miles to Next Known 1.0 Severity Barrier	Total Habitat Score to Natural Upstream Limits
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8.97	6.65	5.68
8.16	5.84	5.33
7.13	4.81	5.06
7.12	4.80	5.05
7.05	4.73	5.01
6.25	3.93	4.74
5.15	2.83	4.15
5.05	2.73	4.08
4.53	2.21	3.72
1.96	0.79	1.52
1.67	0.50	1.34
1.58	0.41	1.28
1.17	0.27	1.01
0.90	0.90	0.83
0.83	0.83	0.78
0.79	0.79	0.74
0.75	0.75	0.70
0.44	0.44	0.41
0.32	0.32	0.29
0.11	0.11	0.09
NA	NA	NA
2.44	1.28	2.10
2.13	0.97	1.86
1.91	0.75	1.69
1.59	0.43	1.45
1.24	0.08	1.19
1.16	0.17	1.13
0.99	0.99	0.97
0.86	0.86	0.85
0.76	0.76	0.74
0.71	0.71	0.69
0.20	0.20	0.20
0.18	0.18	0.18
0.09	0.09	0.09
NA	NA	NA

Migration Barrier Priority Ranking
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14
1
16
22
2
3
17
18
4
n
13
15
9
11
n
20
n
n
n
n
19
5
6
21
7
8
10
n
12
n
n
n
n

**Physical Description of Barrier Location:**

- GPS used to input some barrier locations into the GIS Database (available from CCP).
- Barrier location elevations are based on contour line and stream intersections locations derived in the field and using USGS topographical 7.5 minute quad maps.
- Barriers located using GPS were assigned approximate elevations using USGS 30-meter Digital Elevation Models. Approximate (~) elevations are given in feet (').
- The lower number and sign(#) refer to most downstream structure with a similar name.
- For example, "#1 Highway 150 Bridge" refers to the first, or most downstream, of the Highway 150 Bridges encountered by upstream migrating steelhead.
- u/s= upstream -d/s= downstream -Ck.= Creek -Conf.= Confluence

**Migration Barrier Priority Ranking:**

- u=unknown
- n=natural