

Appendix 1: Stream Biological Objective California Stream Condition Index Documentation

Table of Contents

Appendix 1: Stream Biological Objective California Stream Condition Index Documentation	1
California Stream Condition Index Scientific Publication (available upon request)	2
Reference Site Standards for the California Stream Condition Index Publication (available upon request)	3
Table of Reference Sites for the California Stream Condition Index	4
State of California Technical Memorandum on the California Stream Condition Index (available upon request)	16

**California Stream Condition Index Scientific Publication
(available upon request)**

**Reference Site Standards for the California Stream Condition Index
Publication (available upon request)**

Table of Reference Sites for the California Stream Condition Index

Station	Latitude	Longitude	Sample Date	CSCI
103FS0405	41.78889527	-124.0778375	9/14/2010	1.073788446
103WER026	41.84998645	-124.0332179	7/29/2003	1.112196311
103WER029	41.80976601	-124.1120887	7/30/2003	0.985982087
105CE0149	41.48313406	-123.7437815	9/27/2005	0.933622317
105CE0329	41.30817529	-123.0339192	7/17/2007	1.074196666
105FS0415	41.61202148	-123.2922522	9/21/2010	1.191011342
105FS0418	41.5728015	-123.5446885	7/27/2000	0.837966726
105FS0423	41.7369287	-123.548724	8/10/2010	0.987356493
105FS0425	41.35826851	-123.0745063	8/10/2011	1.157492483
105FS0428	41.4410528	-123.3582948	8/3/2011	1.007754759
105PS0043	41.72939189	-123.2367063	9/17/2008	1.144407253
105PS0083	41.36469401	-123.1871691	9/8/2009	1.114592916
105PS0090	41.07846793	-123.031717	8/25/2009	1.016029253
105PS0097	41.74157187	-123.355488	9/8/2009	1.170430741
105PS0154	41.09812487	-123.0733997	8/9/2011	0.994237798
105PS0540	41.62001951	-122.0692366	8/5/2010	1.144353095
105WE0583	41.7084139	-123.132001	8/1/2001	1.113892184
105WE0592	41.36252018	-122.5200748	9/12/2000	1.070591558
105WE0833	41.86158299	-122.209015	8/15/2001	0.989155466
105WE1091	41.05030234	-122.9345206	8/13/2002	0.981472821
105WER052	41.31565299	-123.060801	8/27/2003	1.078410302
106CE0521	41.04590374	-123.5394091	7/21/2006	1.024264983
106FS0040	40.16912433	-123.0251519	6/26/2001	0.815460898
106PS0115	41.17290127	-122.8695878	9/21/2010	0.993714816
106PS0124	40.17054647	-123.0286717	8/16/2010	1.216462084
106PS0166	41.04411616	-123.6117049	8/2/2011	1.196756318
106WE0505	40.86234647	-122.9030219	8/9/2000	0.98748657
106WE1055	40.90343109	-123.0151421	7/11/2002	1.164797135
106WE1066	41.15436642	-123.5702606	7/17/2002	1.085361514
106WE1079	41.13485769	-122.8050878	7/9/2002	0.871947271
106WER011	40.93588454	-123.154861	6/28/2001	0.980564245
106WER016	40.48965069	-123.0294576	9/16/2009	1.193645743
107PS0021	41.32412093	-124.0079587	9/3/2008	1.095297132
107WER092	41.39995614	-124.0579036	8/12/2003	0.882726171
111BBRBC	39.69950839	-122.9244532	9/23/2009	1.015829442
111BGCAER	40.02232507	-123.061481	10/6/2009	1.212189312
111CE0569	40.34675705	-123.9924738	7/18/2006	0.909613526
111FS0001	39.32709256	-122.8311121	6/12/2001	0.951344402
111FS0007	39.47122705	-122.8337823	6/21/2001	0.98555429

111FS0008	39.31929726	-122.8454015	6/22/2001	0.910317346
111FS0158	39.39568533	-122.8637371	9/12/2000	1.119633897
111HSCAER	39.52503385	-122.8527579	7/26/2011	1.053819223
111PS0110	39.35141964	-122.8762117	6/24/2009	1.186680448
111PS0144	39.90017962	-123.0171393	8/18/2010	0.987184458
111PS0160	39.44611995	-123.0292647	7/25/2011	1.239887813
111PS0204	39.27693366	-122.8658082	8/17/2010	0.782561041
111WE0816	39.58740561	-122.9181733	8/14/2001	1.130188315
111WE0837	39.8692887	-123.0522717	7/9/2002	0.84815047
111WE0844	40.31663763	-123.9987389	8/8/2002	1.071032683
111WE1050	39.71147016	-122.8419278	6/25/2002	1.254663084
111WE1071	39.70053373	-122.8125516	6/26/2002	0.367827622
111WER008	39.49365678	-122.8639231	6/21/2001	0.881780224
111WER046	39.7403222	-123.6311019	10/1/2003	1.048173202
111WER047	39.72965635	-123.6323576	10/1/2003	1.08679564
111WER159	39.42936794	-122.8451843	6/29/2004	1.192803007
112WE1063	40.16930752	-124.0410581	9/10/2002	1.131272395
114DLCURx	39.12873514	-123.2313281	6/20/2002	1.143966731
114PS0145	38.8936121	-123.0701698	6/20/2011	0.98163653
114WE0614	38.53916922	-123.0719085	8/20/2003	0.835051825
114WE0810	38.87517623	-122.8828949	7/26/2001	1.257162812
115EBAG01	38.34613327	-122.9153477	7/1/2010	0.619487632
200COYCOI	37.12621772	-121.4811805	6/28/2010	0.826264993
201LAG335	37.9917933	-122.661945	4/19/2001	0.837931575
201MRS020	37.9196808	-122.6695183	9/13/2010	1.258287657
202BUT040	37.24131773	-122.316955	4/9/2002	1.329877463
202BUT050	37.20923557	-122.3326697	6/16/2009	1.032878339
202PES170	37.26388691	-122.2393177	4/10/2002	0.977220655
204AHOACR	37.46158312	-121.7690186	5/13/2004	0.973251813
204CE0116	37.40849637	-121.7103221	8/9/2005	0.913604636
206BEA035	38.45060179	-122.4382199	4/25/2001	1.034604226
206CON130	38.48539888	-122.2956245	5/3/2000	1.066129335
206DRY060	38.38855251	-122.4093756	4/23/2001	1.244608368
206DRY100	38.41223805	-122.4342513	5/3/2000	1.239219643
206NOV080	38.06236324	-122.5811128	4/15/2004	0.655963362
206TUL120	38.28461447	-122.2175407	6/13/2011	1.134949056
304WADRED	37.11373244	-122.26962	6/29/2010	1.153702723
305LGCACR	36.34910146	-120.821041	7/16/2008	0.94571438
305SWACRO	37.08478483	-121.794114	6/29/2010	1.005721089
305UVASWA	37.08669726	-121.7944539	6/29/2010	1.022020427
307CARLOS	36.37219615	-121.6630073	6/22/2010	1.221677924

307SANCLE	36.43072607	-121.798394	6/21/2010	0.91723023
308BSU	36.24559854	-121.773391	7/13/2010	0.882807306
308SALHY1	35.81439054	-121.3589594	6/23/2010	0.877294234
308SOBHW1	36.45626997	-121.9252228	6/21/2010	1.041071921
308WLOxxx	35.8935202	-121.4616141	4/7/2004	0.817591388
309CAW126	36.23071982	-121.5515624	6/17/2003	1.08883073
309CAW130	35.98618668	-121.3570484	6/12/2003	1.184058606
309CAW174	36.09276821	-121.434252	5/20/2003	0.795149715
309CAW178	36.08531517	-121.3941823	5/21/2003	0.689010578
309PS0116	36.06400288	-121.3261577	6/16/2011	1.007767316
309SARANF	36.06447703	-121.3852597	8/26/2008	1.19046094
309UASIND	36.1198069	-121.4688849	6/23/2010	1.251596124
310COOxxx	35.2549357	-120.887212	3/29/2002	1.108639806
310LPCBPC	35.26539078	-120.5226007	6/9/2009	1.075577022
312MANNIR	34.77057782	-119.9364104	6/14/2010	0.997575483
312PS0099	34.77957633	-119.9579578	6/14/2010	0.649713107
312WE1028	34.74724787	-119.716677	5/29/2002	1.194915868
312WE1035	34.73255449	-119.6771076	5/30/2002	1.03161103
314WE0677	34.74761088	-120.0543524	5/9/2002	1.123478983
314WE0779	34.67015892	-119.754612	7/11/2001	1.170676522
314WE0796	34.68354218	-119.8011571	7/10/2001	1.235261218
402BA0095	34.46260229	-119.3460184	5/29/2008	1.2729175
402BA0287	34.50283671	-119.365789	6/9/2008	1.079462565
402S02591	34.51784045	-119.3784676	7/21/2011	1.013337058
402S04795	34.47988903	-119.1706761	7/14/2011	1.027308156
402S05407	34.50125108	-119.3504389	7/21/2011	1.127727499
402WE0536	34.51967468	-119.4063132	6/14/2000	1.143326429
402WE0803	34.4212966	-119.3817335	6/12/2001	0.947629675
403BA0015	34.53173072	-119.1836741	5/19/2008	0.986316738
403BA0171	34.58578564	-119.2833858	5/19/2008	1.061592963
403BA0960	34.59121797	-118.4606154	5/21/2008	1.161570351
403S01164	34.35078916	-118.5796872	6/24/2011	1.020572381
403S01536	34.5690899	-118.3921259	7/12/2011	0.864260853
403S01979	34.45205498	-119.136245	7/14/2011	0.991078019
403STC021	34.64779466	-119.0679133	6/4/2003	0.980190875
403STC026	34.55916274	-119.2691552	2/5/2003	0.73750977
403STC029	34.61532768	-118.5595799	2/4/2003	1.107726648
403STC030	34.5675607	-119.1544287	2/6/2003	1.2142365
403STC064	34.55814811	-119.1045921	6/8/2011	1.038886403
403STC065	34.63111461	-118.5364072	2/4/2003	1.138201897
403STC085	34.64270211	-119.0783376	6/4/2003	1.000816261

403STC086	34.55624729	-119.205918	2/6/2003	0.974817008
403WE0501	34.54139913	-118.774337	6/7/2001	1.219975402
403WE0540	34.65096861	-119.1203168	6/21/2000	0.914825176
403WE0795	34.64086852	-119.0820458	6/6/2001	1.121789534
403WE1027	34.72655489	-119.0294278	5/2/2002	0.779963124
405BRCAMS	34.27376523	-117.8990056	6/7/2011	1.298672786
405S01248	34.25895681	-117.744993	7/26/2011	1.173898189
405WER318	34.26818848	-117.8929433	7/7/2009	1.186548118
504PS0227	39.98925583	-121.9698086	8/12/2009	0.973563876
504WE0527	40.10751946	-122.031096	8/20/2001	1.009461462
505PS0110	41.09655559	-122.2015036	8/3/2010	0.987578764
505PS0174	40.99700689	-122.0590657	9/27/2011	1.153543871
506PS0062	40.86097847	-122.4622287	9/15/2008	1.009820211
508ACNFPW	40.28075595	-121.7662868	10/9/2002	0.89716628
509ACNFPF	40.24151768	-121.8625736	10/10/2002	1.021286937
509ACSFPP	40.24141277	-121.8621056	10/10/2002	1.137845799
509ATCINC	40.23309871	-121.8784189	7/14/2008	1.094115766
509BSCADC	40.10205747	-121.6636106	8/10/2000	1.082192867
509CE0162	40.06017231	-121.9478016	9/6/2005	0.817280199
509FCA054	40.21812279	-121.9988993	9/21/2009	0.913903573
509PCDTWR	40.31173177	-121.8865247	9/3/2008	0.942972204
509PS0085	40.25515869	-121.5589888	9/7/2011	1.095573282
509PS0170	40.26505186	-121.7681249	7/26/2010	1.068052062
509PS0234	40.23194797	-121.8989795	7/21/2011	0.802818462
513PS0008	38.93238602	-122.9322325	6/11/2009	0.617584714
514BMCARC	38.87262994	-120.7436056	8/1/2000	0.946439601
514ICEUPx	38.82007635	-120.3139587	9/8/2005	1.091246429
514LNCASC	38.81356525	-120.2260949	8/30/2011	0.669786779
514SCCAAR	38.79109538	-120.1048071	7/24/2008	1.091234926
517FCA046	39.46546447	-120.96739	7/20/2009	0.983350996
517PS0054	39.44579799	-121.0335499	7/28/2010	1.068325463
517PS0074	39.6237242	-120.7248071	9/20/2011	1.132679387
518CE0047	40.37539338	-121.1049458	6/14/2004	0.293582159
518CE0338	39.76503016	-120.8314678	8/21/2007	1.236922748
518CPCRCR	40.00465798	-121.2706029	8/14/2008	0.915376123
518FCA075	39.9061276	-121.0467675	9/23/2008	1.055193706
518GZCUPX	39.88992526	-121.2779301	8/20/2008	1.009911202
518KNCAWC	40.45028219	-121.3672013	8/7/2000	0.816286315
518MCGRRx	39.65351001	-121.3950561	10/10/2002	0.933752518
518PS0033	39.90979932	-121.0706296	6/29/2009	1.138966111
518SED086	39.80622272	-121.0421036	8/17/2011	1.133722681

518WE0521	39.81297147	-120.6821148	8/30/2000	1.133405254
518YLCAFR	40.01206027	-121.2474584	8/17/2011	1.187916608
522CE0027	39.29118144	-122.5590115	6/3/2004	0.863584731
523PS0172	39.93458556	-122.8273985	8/10/2011	1.172434441
523TMCATG	39.85365304	-122.6709404	10/5/2009	0.747921328
524ACMFPW	40.26751694	-121.7756355	10/9/2002	1.06174095
525WE0755	41.33707374	-122.4087735	8/22/2001	1.028786655
526CE0061	41.37625045	-120.2918331	8/3/2004	0.902976402
526PS0072	41.13510762	-120.8002516	9/23/2008	1.041688186
526PS0076	41.27434167	-120.2636819	8/26/2008	0.981199051
526PS0396	41.37827034	-120.4141952	9/1/2009	1.081116087
526WER123	41.27280981	-120.2733868	8/4/2004	1.23856222
532WE0760	38.57710132	-120.5451141	8/9/2001	1.047875635
532WER222	38.49592822	-119.8948968	7/28/2004	0.985688895
534MLC108	38.30048971	-119.9347228	9/14/2011	1.077834392
534RSCAGG	38.13263387	-120.2184873	9/19/2011	0.851420294
536CE0106	37.80111368	-119.8476773	8/17/2005	1.250447935
536CE0330	38.03672444	-120.0899836	6/27/2007	0.833149484
536CLV004	37.97643254	-120.051348	10/13/2005	1.134983221
536SED006	37.90553891	-119.9969611	8/16/2006	1.130496137
536SED108	37.86881216	-119.9043549	9/21/2011	1.090336631
536WER237	37.87780048	-119.2520771	8/10/2004	1.057183083
537BLCABG	37.70457761	-119.9741714	9/15/2011	0.844408461
537CE0238	37.68463228	-119.6854873	8/15/2006	1.03626815
537FCA009	37.68448695	-119.5401621	8/12/2009	0.847538018
537WER236	37.85294961	-119.5748096	8/11/2004	1.06885087
540CE0078	37.21963497	-118.8614809	8/17/2004	1.031758246
540GNCBTC	37.56419334	-119.3154568	9/13/2011	1.239742814
540SED003	37.24198496	-118.9465535	6/20/2007	0.952300459
540SJRUPx	37.24041128	-118.9388794	9/15/2005	1.086204175
552FCA017	36.96367359	-119.2313961	8/19/2008	0.663134338
552MFCAKR	36.85384177	-119.0974007	6/11/2008	0.717908584
552PS0028	36.84306028	-119.0971832	6/18/2008	1.137798314
552PS0284	36.90905851	-119.1272701	8/29/2011	1.240293486
553KRMAPC	36.51986649	-118.7597473	8/22/2011	0.977859411
553KRNAYC	36.54645788	-118.897798	8/14/2000	1.094162226
553WER208	36.64784736	-118.8022696	7/8/2004	1.037625969
553WER225	36.35116471	-118.7513701	7/8/2004	1.13654784
554CLCALK	36.21272141	-118.5166538	8/23/2011	1.128220782
554NYCGWD	36.02064002	-118.5670574	7/19/2000	1.093390201
554PMCABC	35.95286412	-118.4154333	7/20/2000	1.211122895

554PMCGWD	36.08357346	-118.5475494	7/19/2000	0.803437341
555PS0064	36.18223438	-118.7880582	6/17/2008	1.104254159
601LVC002	37.97301582	-119.1102743	7/2/2003	0.950262713
603DDM001	37.7512698	-118.9429195	9/14/2000	0.906127576
603DDM004	37.70821134	-119.056999	7/6/1999	1.023494518
603DDM005	37.70826681	-119.0531977	7/1/1999	0.985001967
603DDM006	37.70537702	-119.032801	9/13/2011	1.026505444
603FCA145	37.56513646	-118.7544542	8/11/2009	1.194842623
603GLS001	37.74707335	-118.9862384	9/7/2006	0.687048917
603OHR001	37.74498783	-118.7556297	9/13/2000	0.967866345
603PS0008	37.48579392	-118.7604659	7/30/2008	0.99354364
603PS0045	37.55124585	-118.8015769	8/29/2011	0.905671538
603PS0056	37.34173611	-118.7337829	8/31/2011	0.917515881
603PS0073	37.70933961	-119.0580324	9/13/2011	1.093641004
603PS0109	36.59494492	-118.1448532	7/29/2008	0.938174922
603WE0758	37.54963915	-118.7610019	7/2/2001	1.08099741
603WER242	37.55109121	-118.8730709	8/31/2004	0.866298022
603WER245	37.0109348	-118.3298285	7/29/2004	0.897713657
603WKR001	36.24400803	-118.0553363	7/26/2005	0.670121197
604WER244	37.55472829	-118.1715316	7/27/2004	0.571260204
626PS0171	34.44758034	-118.015911	5/15/2008	1.089687361
626PS0619	34.4187649	-117.9747059	6/3/2010	1.123450808
626PS0827	34.3865167	-117.8250169	6/3/2010	1.217640188
628CE0088	34.30576495	-116.9426962	5/12/2004	0.871879457
630BDY001	38.27033777	-119.3085893	7/7/2005	1.242744222
630BUC001	38.27562088	-119.2584217	7/24/2000	0.820719504
630FCA097	38.27129636	-119.3305513	8/10/2009	1.181393791
630PMT001	38.30374868	-119.0328702	7/6/2005	0.677863597
630PS0005	38.06609598	-119.2250465	7/31/2008	1.206173011
630RBS002	38.26904327	-119.2608541	9/11/2000	0.767458505
630RBS004	38.19188307	-119.3198422	7/12/2002	0.930558893
630SWA001	38.35817076	-119.34264	7/16/2002	1.197112467
630SWA002	38.37018312	-119.3475864	8/13/1999	0.978647602
630WE0860	38.31089784	-119.3440752	8/21/2008	1.102109841
631CE0074	38.45073836	-119.4881965	8/23/2004	1.117025421
631COT001	38.44022039	-119.4246821	9/28/2000	0.990558544
631KIR001	38.34522076	-119.5207102	9/28/2000	0.983039758
631KIR002	38.33582244	-119.5134524	7/18/1999	0.679446889
631KIR003	38.33714447	-119.5204724	7/22/2002	1.00736902
631POR002	38.33189907	-119.5331485	7/18/2002	0.796499284
631PS0023	38.47176646	-119.3530753	8/4/2009	1.065205261

631PS0033	38.28757702	-119.5474199	8/30/2010	0.908971186
631SLK001	38.60058445	-119.5685004	7/27/2000	0.812600793
631SRD001	38.31520277	-119.5972931	7/13/2005	1.017061082
631WWF001	38.36615405	-119.5640402	7/12/2005	1.154295631
631WWK002	38.37232061	-119.4543162	7/8/2002	1.192114845
631WWK005	38.3091402	-119.5505771	8/15/2000	0.922709906
631WWK006	38.29114835	-119.5459791	7/17/2002	1.124730349
632BGV002	38.59508678	-119.6493374	7/8/1999	0.669077678
632BGV003	38.59837991	-119.6482284	7/24/2002	1.03155841
632CHV001	38.67824961	-119.9008069	8/19/2004	0.883281181
632COY001	38.48078376	-119.5991313	9/5/2007	1.207986388
632COY002	38.4656221	-119.5795678	9/5/2007	1.260027828
632CRV001	38.49839051	-119.6046153	9/6/2007	1.242295614
632ECR006	38.5910931	-119.656858	9/7/2000	1.121955872
632ECR008	38.57040906	-119.6279319	9/8/2007	0.957186707
632ELD001	38.49939776	-119.7408887	7/10/2003	1.117172912
632LEV004	38.68851296	-119.6485606	7/9/1999	1.117630797
632MUR001	38.49204842	-119.7020096	9/7/2011	1.165107074
632NOB001	38.57394592	-119.7906001	9/1/2010	1.052818807
632PS0007	38.53334752	-119.5937108	7/23/2008	1.050486019
632PS0014	38.56549454	-119.6234842	9/8/2007	0.885838818
632PS0058	38.60611127	-119.6900209	8/15/2011	1.124226606
632SND001	38.52111146	-119.5776001	6/22/2005	1.039379944
632SPT001	38.68450082	-119.8085037	9/6/2000	1.227420851
632SVK002	38.55183553	-119.6072492	7/23/2002	1.128223005
632SVR001	38.60380314	-119.7703631	6/28/2007	1.236606477
632WE0629	38.69556861	-119.8764616	6/27/2002	1.119749895
632WLF001	38.57309679	-119.6964221	9/7/2000	1.228392674
633PS0003	38.81741232	-119.9094677	7/22/2008	0.835085387
633WCR003	38.68076254	-119.9330804	8/31/1999	0.925979201
633WE0991	38.73224238	-119.9296218	9/10/2003	1.101368577
634CAS001	38.92503119	-120.1096291	8/15/2002	0.968650168
634CE0482	39.08457235	-120.2154141	7/14/2004	0.963474439
634GEN001	39.04425231	-120.1437994	8/30/2000	1.127806658
634GRF001	39.26550198	-120.0268055	7/19/2005	1.206163548
634HHCATC	38.85368262	-119.947937	10/4/2011	0.944991562
634MEK001	39.01533059	-120.1573212	8/14/2002	0.962844368
634PS0035	38.87154117	-120.0993532	9/1/2010	1.078211683
634R10BMW	38.7796377	-119.9980634	9/29/2011	0.876592665
634R10GNL	39.02996227	-120.1603969	10/3/2011	0.716391427
634R10UTR	38.77826055	-120.0293634	9/28/2011	1.272912546

634SAX001	38.86080587	-119.9847693	8/22/2001	1.141515786
634SAX003	38.87181611	-119.9828069	9/11/2007	0.973684089
634SAX004	38.86952333	-119.9810723	9/11/2007	1.191341529
634SAX005	39.8680118	-119.9576079	9/11/2007	1.214095404
634TRT001	38.85699255	-119.9443614	8/23/2001	1.023139019
634UTR008	38.7937118	-120.0202984	9/21/2000	1.269765312
634WRD001	39.13981535	-120.1910775	7/21/2006	1.065823979
634WSN001	39.22204047	-120.1017828	7/20/2005	1.184357571
635BRC001	39.38390927	-120.0208554	9/8/2005	0.937870376
635CLS001	39.30027953	-120.2521883	9/1/2000	1.06024449
635GRY001	39.37332861	-120.0293459	9/7/2005	1.154967062
635MAR003	39.27536517	-120.1720755	7/27/2004	1.119337328
635POL001	39.23573299	-120.2331556	8/31/2000	1.192645869
635PRN001	39.38574829	-120.2523958	7/11/2001	1.062106899
635PS0038	39.38237649	-120.2262368	8/9/2010	1.0160885
635SQN001	39.20374898	-120.2501294	7/9/2001	1.088255574
636LCY001	39.46467416	-120.4265801	7/12/2001	1.167794052
636LTR001	39.48479987	-120.3734233	8/31/2000	1.190419365
636LTR002	39.49345792	-120.3464502	7/13/2001	0.996121272
636PRZ001	39.47595781	-120.3825208	7/12/2001	0.957610781
636PS0070	39.49469726	-120.3337301	9/21/2011	0.708809823
636SAG001	39.43728013	-120.229495	7/12/2001	1.026872596
637CE0511	40.56708241	-121.1093011	8/10/2004	1.029837851
719FCA001	33.76056054	-116.549231	6/24/2008	1.091254053
719WE0864	33.76066574	-116.549863	5/8/2001	0.958117623
801CCWFAC	34.18951448	-117.1818622	5/20/2004	0.550647174
801CE0152	34.18869908	-117.1818586	7/20/2005	0.891081842
801WE0787	34.14540971	-116.8791779	6/27/2001	1.089826005
801WE1008	34.18097468	-116.9124942	6/6/2002	1.184298363
801WE1132	34.13378343	-116.8431432	3/26/2009	1.148163962
802FMCAIP	33.80700075	-116.74394	6/14/2005	0.846125238
802WE0658	33.79828795	-116.7492155	5/9/2001	0.936273857
802WE0794	33.72931676	-116.674799	5/10/2001	1.081405774
901CSCADC	33.49388103	-117.430283	5/26/2011	1.050200761
901DCCSMC	33.47362209	-117.4655951	5/16/2011	1.275247096
901S01849	33.55523906	-117.3977969	6/1/2010	1.151291979
901S02873	33.54344001	-117.3973932	6/1/2010	1.236699166
901SCCA74	33.61853643	-117.5098416	6/8/2010	1.101917864
903SLFRCx	33.34178027	-116.8774618	5/22/2001	1.127907042
903WE0798	33.33686513	-116.8293442	5/17/2001	0.904777171
905CE0512	33.11107103	-116.7431147	4/20/2004	1.076698742

905S02561	33.12974258	-116.6359163	5/25/2011	1.270228371
905WE0679	33.13162498	-116.6551708	4/24/2002	0.788305154
907S03210	33.00312855	-116.7291857	5/18/2011	0.989849401
911KCKCRX	32.78740357	-116.4509978	5/19/2001	1.125978736
911S00858	32.90282372	-116.493371	5/31/2010	1.071750352
911S01142	32.73547774	-116.6526831	5/24/2011	0.937273678
911TJIND2	32.89738775	-116.5043406	6/5/2007	0.87466397
911TJWIL3	32.69398597	-116.6957022	5/6/2008	1.038247635
CAT08722-017	38.75327624	-120.0282365	8/5/2009	0.754560916
CAT08722-024	39.25791883	-120.0126331	7/29/2009	1.069545967
CAT08722-025	38.87548027	-120.0834864	8/18/2009	0.771611523
CAT08722-036	39.06611231	-119.9342582	7/27/2009	1.091982778
CAT08722-039	39.08895429	-120.1657312	8/13/2009	1.04767914
CAT08722-047	39.13958936	-119.9235974	7/20/2009	0.676059511
CAT08722-049	38.78029505	-120.0285593	9/2/2009	0.801650797
CAT08722-054	38.89909303	-119.9040375	8/21/2009	0.910061674
CAT08722-055	39.00570809	-120.1651446	8/25/2009	1.254320321
CAT08722-056	39.27978207	-119.9127368	7/28/2009	1.167252873
CAT08722-228	39.07307177	-119.9200509	8/10/2010	0.970328894
JonLee6	41.32697454	-124.023873	9/13/2010	1.054469009
PC1	34.41189317	-118.9009827	8/12/2010	1.016981913
PC4	34.42310857	-118.8848637	8/16/2010	1.054210995
PC5	34.42767307	-118.8847086	8/13/2010	1.130450995
PC6	34.43046892	-118.8867539	8/12/2010	1.105978023
PC7	34.4327607	-118.8910331	8/12/2010	1.096179327
R5BIO-014	38.64733915	-119.9989484	8/16/2001	0.977102039
R5BIO-015	38.7784003	-119.997197	7/12/2001	0.793221607
R5BIO-022	39.01894738	-120.153041	7/24/2001	1.042116768
R5BIO-024	38.72996701	-120.0177647	7/25/2001	0.8880305
R5BIO-027	38.85406534	-119.9482172	7/30/2001	0.967334731
R5BIO-029	39.14052517	-120.1970268	7/31/2001	0.707202417
R5BIO-033	38.14916501	-120.1223999	8/29/2001	0.91533553
R5BIO-035	41.09204922	-122.1126819	9/11/2001	1.037886317
R5BIO-038	38.4161343	-119.7399543	8/22/2001	0.974600157
R5BIO-042	41.9159344	-120.887592	6/26/2001	0.668536768
R5BIO-047	41.44264631	-121.0153884	6/27/2001	0.762690968
R5BIO-048	41.36145387	-120.2821169	6/28/2001	0.99658012
R5BIO-049	41.09566689	-122.1359859	8/4/2010	1.144150714
R5BIO-053	39.13877156	-120.4756121	9/7/2010	1.227320603
R5BIO-108	39.72102787	-120.6394208	6/28/2000	0.998476955
R5BIO-109	39.73210882	-120.7249355	6/29/2000	0.976732865

R5BIO-111	40.21188667	-121.2724044	7/5/2000	0.702136836
R5BIO-112	40.38537866	-121.340849	7/5/2000	0.94538793
R5BIO-116	40.20222187	-121.5090257	8/24/2010	0.99884899
R5BIO-117	41.15743124	-120.2622529	7/11/2000	0.796419244
R5BIO-118	41.30003671	-120.8612791	7/11/2000	1.056798783
R5BIO-127	39.58466265	-120.810289	7/24/2000	0.921001176
R5BIO-131	39.06366327	-120.2683467	7/26/2000	0.801992449
R5BIO-132	39.38095934	-120.2383368	7/26/2000	0.992082694
R5BIO-150	38.51109304	-120.3374329	8/18/2000	1.15992233
R5BIO-155	40.11766094	-120.4740452	9/6/2000	0.623139306
R5BIO-157	39.37761871	-122.6532221	9/18/2008	1.0560797
R5BIO-162	40.18694974	-121.3068337	9/19/2000	1.09435306
R5BIO-201	37.42500022	-119.5962201	10/8/2009	0.956727438
R5BIO-204	37.52424451	-119.4645009	6/29/2000	1.019429586
R5BIO-206	37.68936741	-119.7050909	7/6/2000	0.983668636
R5BIO-212	36.14557602	-118.4917868	7/20/2000	1.123663073
R5BIO-215	35.48086346	-118.6802004	6/10/2008	0.883769658
R5BIO-221	37.41317728	-118.9079622	9/29/2010	1.184817084
R5BIO-225	36.3498534	-118.7507626	8/15/2000	0.964864231
R5BIO-227	36.61141529	-118.6998413	8/16/2000	0.858633577
R5BIO-230	37.88272443	-119.7946137	8/23/2000	1.059170864
R5BIO-231	37.53798272	-119.6168397	8/29/2000	0.902510058
R5BIO-232	37.75931535	-119.5289737	7/16/2008	0.927200456
R5BIO-233	37.80705579	-119.8534456	8/30/2000	1.094198767
R5BIO-240	37.73974293	-119.0499841	8/25/2010	0.711015867
R5BIO-248	35.97744185	-118.4857809	7/21/2000	0.888866377
R5BIO-302	34.20161233	-117.2285196	5/2/2007	0.992561605
R5BIO-304	34.16404977	-116.8330076	6/21/2000	1.017983568
R5BIO-308	34.18395889	-117.6269622	6/13/2005	0.861830835
R5BIO-309	33.68274449	-117.5016991	6/14/2000	0.892396666
R5BIO-311	34.24961498	-117.5179965	6/14/2005	0.841683549
R5BIO-315	34.26557823	-117.7475447	5/28/2008	1.205659683
R5BIO-319	34.25156861	-117.8835433	5/28/2008	1.075047561
R5BIO-320	34.53901008	-119.1611891	6/15/2010	0.996857134
R5BIO-321	34.67439327	-119.2975368	6/16/2010	1.243809651
R5BIO-323	34.5175101	-119.3791833	8/9/2000	1.178540835
R5BIO-326	36.21301111	-121.5350733	6/22/2010	1.261076008
R5BIO-327	34.74644254	-119.70575	8/23/2000	1.061803531
R5BIO-417	40.21081729	-120.6345839	7/27/2000	0.74890452
R5BIO-430	40.63805326	-123.3220037	10/1/2008	1.199752665
R5BIO-6484	32.76157981	-116.4514524	5/19/2001	0.792429633

R5BIO-6498	33.38820309	-117.3255485	6/6/2001	0.951686792
R5BIO-6514	33.00107907	-116.7097707	8/24/2010	0.713637154
R5BIO-6516	33.12631878	-116.8049529	4/21/2009	0.864905977
R5BIO-6528	33.35116829	-116.9131115	5/22/2001	0.816588817
SA-C-06-035	34.07771232	-116.8766197	6/22/2006	0.920858103
SEDTMDL_1	38.40735543	-119.7993421	8/31/2010	1.014849
SEDTMDL_10	37.41111117	-119.5952149	8/14/2006	1.205970489
SEDTMDL_103	38.81353832	-120.2575245	7/12/2007	1.214485819
SEDTMDL_106	37.64226733	-119.0827001	7/3/2007	1.219575876
SEDTMDL_107	38.40328038	-119.7955075	8/18/2006	1.150641237
SEDTMDL_108	37.86877335	-119.9041865	8/15/2006	0.912926516
SEDTMDL_114	37.39678749	-119.5654995	6/18/2007	1.040208141
SEDTMDL_14	36.00815097	-118.5059527	6/4/2007	1.097983132
SEDTMDL_16	36.13487062	-118.4728818	6/6/2007	0.811228652
SEDTMDL_19	36.05549985	-118.1317604	6/7/2007	1.097661278
SEDTMDL_20	36.75293395	-118.8167064	7/8/2008	1.217256995
SEDTMDL_21	40.34786078	-121.5917501	9/17/2008	1.268825214
SEDTMDL_25	35.99761016	-118.5355973	6/4/2007	1.187525066
SEDTMDL_26	36.06754475	-118.4911458	6/5/2007	1.230898903
SEDTMDL_27	35.9006252	-118.3695008	8/24/2011	1.142948454
SEDTMDL_28	35.96904448	-118.5210689	6/5/2007	0.897685138
SEDTMDL_29	36.75796259	-118.8954995	6/21/2007	0.897428628
SEDTMDL_3	37.24243778	-118.9465541	8/30/2011	0.92892372
SEDTMDL_31	39.10839976	-120.1889879	7/20/2006	0.904859835
SEDTMDL_32	38.56653968	-119.6270868	6/29/2007	1.110416768
SEDTMDL_33	39.04347	-120.1477479	7/19/2006	1.131448183
SEDTMDL_34	38.13438453	-119.2353239	7/2/2007	1.000526338
SEDTMDL_36	39.48765098	-120.3678075	6/29/2007	0.996136591
SEDTMDL_38	38.32829536	-119.4494959	7/1/2007	1.228125072
SEDTMDL_5	37.2410335	-119.2436192	8/8/2006	1.088273088
SEDTMDL_52	38.31275402	-119.5482306	9/14/2006	1.082966445
SEDTMDL_54	37.75387057	-118.9653414	9/13/2006	1.019785587
SEDTMDL_6	37.90501576	-119.9966407	8/16/2006	1.163075534
SEDTMDL_62	36.00338972	-121.3914057	5/19/2007	0.836071691
SEDTMDL_77	41.62399958	-122.0643658	9/16/2008	1.009292674
SEDTMDL_78	39.15233858	-120.4006295	7/11/2007	0.918437612
SEDTMDL_84	41.83256737	-120.3000025	8/7/2007	1.002775436
SEDTMDL_86	39.8063146	-121.0426623	7/18/2007	1.016546061
SEDTMDL_89	39.85235124	-120.7263527	8/13/2008	1.011278075
SEDTMDL_9	37.46040568	-119.4163099	7/9/2008	0.950499942
SEDTMDL_91	39.71175216	-120.5342662	7/19/2007	0.996761776

SGUR003	34.27283483	-117.8896685	6/14/2005	0.668176581
SGUR00428	34.24597199	-118.0486816	8/3/2011	0.996146919
SGUR006	34.25081661	-117.8226547	6/16/2005	0.655574296
SGUR010	34.19269141	-117.8651493	6/18/2010	0.811964809
SGUR103	34.24276754	-118.0497193	8/3/2011	1.182188991
SMC00271	34.54893177	-119.1656226	6/4/2009	1.108269201
SMC00469	33.52987943	-117.4090544	5/13/2009	0.782205995
SMC00538	32.78101413	-116.6330177	5/5/2009	0.985655217
SMC00960	34.59076021	-118.4617574	6/2/2010	0.789209616
SMC01196	34.27837802	-118.0296019	7/14/2010	0.655296245
SMC01424	34.24011836	-117.8161687	7/1/2009	0.933917944
SMC01705	33.60305489	-117.5097303	5/14/2009	0.820711938
SMC01883	34.7162595	-119.0188461	6/21/2010	0.985856656
SMC03643	34.56208805	-119.1288699	6/24/2010	1.096844145
SMC04383	34.50221069	-119.3558715	6/9/2010	1.072155545
SMC05243	34.59248244	-119.2512309	6/10/2010	0.690501412
SMC06467	33.79117928	-117.7176845	6/28/2010	0.954521966
SMCR8_057	34.25073228	-117.5485094	5/18/2008	1.00878903
SMCR8_068	34.27166708	-117.6471041	6/10/2008	0.846594419
SMCR8_074	34.08807939	-116.8839219	6/25/2008	0.732436894
SMCR8_080	34.15055585	-116.8842658	6/24/2008	1.066251778
SMCR8_118	34.28336603	-117.4820757	6/11/2008	0.631837646
VENTURA13	34.50144493	-119.3480016	9/11/2006	0.830223653
VENTURA14	34.50465551	-119.3741874	9/11/2006	0.925247071

**State of California Technical Memorandum on the California Stream
Condition Index (available upon request)**