Coastal Protection and Restoration Authority
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2017 Coastal Master Plan

Attachment C3-23.5: Model Performance - Total Suspended Solids

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Report: Version I

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Coastal Protection and Restoration Authority

This document was prepared in support of the 2017 Coastal Master Plan being prepared by the Coastal Protection and Restoration Authority (CPRA). CPRA was established by the Louisiana Legislature in response to Hurricanes Katrina and Rita through Act 8 of the First Extraordinary Session of 2005. Act 8 of the First Extraordinary Session of 2005 expanded the membership, duties, and responsibilities of CPRA and charged the new authority to develop and implement a comprehensive coastal protection plan, consisting of a master plan (revised every five years) and annual plans. CPRA's mandate is to develop, implement, and enforce a comprehensive coastal protection and restoration master plan.

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Table1: Summary of Modeled and Observed Mean Daily Total Suspended Solids (mg/L) for Calibration Period 2010-2013.

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
23	LDEQ3594	11	33	24	23	10	80	34	16	61	4	218
25	LDEQ1045	12	39	30	33	7	125	18	17	7	9	32
26	LDEQ0032	10	17	19	8	6	28	17	13	12	4	43
28	LDEQ1089	7	8	8	4	3	14	36	45	19	6	60
30	LDEQ0105	47	17	12	14	3	59	33	30	15	11	70
31	LDEQ1073	12	12	6	17	2	63	29	24	12	20	55
35	LDEQ0035	5	14	11	12	2	32	19	15	9	11	31
36	LDEQ1047	10	30	15	43	5	143	10	8	6	4	24
37	LDEQ1043	12	15	5	19	2	65	10	11	4	4	18
39	LDEQ1087	7	23	16	14	8	42	32	32	13	16	54
41	LDEQ0106	30	9	5	10	1	37	7	7	3	4	16
42	LDEQ1086	14	21	11	29	3	117	30	31	13	7	59
45	LDEQ0138	43	14	5	19	2	75	16	11	14	4	67
46	LDEQ1064	12	5	4	3	2	10	9	9	4	5	17
48	LDEQ0638	11	14	6	15	2	51	12	10	7	4	28
49	LDEQ1085	0	-	-	-	-	-	-	-	-	-	-
52	LDEQ1082	8	35	35	16	15	67	56	44	46	19	156
53	LDEQ1084	2	2	2	1	2	3	14	14	5	10	18
55	LDEQ1083	7	41	40	14	21	67	55	38	39	20	129
63	LDEQ0306	11	21	4	29	2	76	18	13	11	5	39
65	LDEQ1095	12	60	55	30	19	126	27	24	15	9	61
66	LDEQ1065	12	9	8	6	2	23	22	20	10	8	41
80	LDEQ1104	9	5	4	4	3	17	9	8	4	5	16
81	LDEQ1081	14	59	61	32	11	120	41	26	33	8	105
82	LDEQ0006	8	65	59	38	18	130	40	27	33	18	115
97	LDEQ1106	10	4	2	4	1	14	15	10	19	6	68

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
106	LDEQ1050	12	10	6	13	2	45	19	12	21	4	83
107	LDEQ0007	7	59	66	34	14	112	32	24	27	13	92
130	LDEQ0905	11	10	10	5	3	16	24	23	11	11	45
136	LDEQ0036	12	7	5	7	2	24	17	11	14	5	55
155	LDEQ1080	8	53	44	42	12	146	28	30	12	7	45
156	LDEQ1092	12	45	47	24	12	92	29	21	24	6	92
186	LDEQ1049	14	5	3	6	1	23	42	29	32	7	118
209	LDEQ0304	12	2	1	3	0	9	25	21	16	7	63
213	LDEQ3958	11	1	1	2	0	5	28	26	18	8	65
215	LDEQ0228	10	9	4	11	1	32	9	7	7	4	26
226	LDEQ0909	12	10	10	5	4	18	31	27	17	7	66
230	LDEQ1048	11	3	1	3	1	13	20	13	25	6	96
236	LDEQ1102	13	7	3	10	2	31	19	12	18	4	67
248	LDEQ0901	4	14	15	6	7	20	9	7	5	6	17
251	LDEQ0904	9	35	42	15	9	55	26	20	12	14	47
252	LDEQ4345	12	13	13	7	3	24	43	30	29	18	110
256	LDEQ0899	11	26	31	12	6	45	26	23	17	7	53
257	LDEQ0908	12	10	10	5	3	19	32	24	22	15	91
258	LDEQ0243	10	8	3	13	1	34	12	11	5	6	19
268	LDEQ0921	11	22	25	10	6	36	26	25	13	8	47
277	LDEQ0898	11	27	33	13	6	46	35	35	16	9	70
278	LDEQ0907	12	12	12	4	6	19	28	20	19	14	70
283	LDEQ0292	11	22	29	12	4	35	31	29	13	12	52
287	LDEQ0903	11	29	35	12	8	42	23	24	8	10	33
295	LDEQ0897	11	24	30	10	7	34	33	16	34	6	102
297	LDEQ0919	7	1	1	1	1	3	5	5	2	4	9
298	LDEQ0084	12	9	8	4	5	19	24	16	17	4	56

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
307	LDEQ0926	12	8	8	4	3	16	61	38	66	23	228
309	LDEQ0977	9	27	0	76	0	228	16	15	9	9	40
316	LDEQ2843	12	26	28	14	8	52	40	16	73	6	261
317	LDEQ0922	12	0	0	0	0	0	27	24	19	8	74
325	LDEQ2844	12	18	18	12	3	43	30	26	18	10	66
327	LDEQ0341	11	16	13	14	1	43	13	14	6	4	28
331	LDEQ0925	12	10	9	5	5	20	36	33	17	14	79
342	LDEQ0293	40	8	3	25	0	157	18	12	19	4	111
346	LDEQ0946	12	6	3	5	1	15	18	17	6	8	29
356	LDEQ0340	11	33	30	17	11	55	38	40	20	10	65
358	LDEQ0110	11	14	19	11	1	26	25	19	20	8	75
359	LDEQ0923	12	3	2	1	1	5	56	47	28	24	130
362	LDEQ0943	11	18	16	10	4	34	13	13	5	6	24
363	LDEQ1198	12	0	0	1	0	5	17	17	6	9	28
366	LDEQ0924	12	15	16	7	3	27	55	55	13	30	74
374	LDEQ0080	12	12	6	16	0	51	54	53	19	27	93
377	LDEQ0953	12	3	3	1	2	6	39	34	18	24	89
378	LDEQ0930	0	-	-	-	-	-	-	-	-	-	-
383	LDEQ0939	11	7	4	7	2	21	5	5	2	4	11
386	LDEQ3001	11	10	8	6	3	19	21	20	6	11	35
392	LDEQ1196	12	195	213	57	99	253	78	67	64	8	183
394	LDEQ0942	11	29	30	14	6	52	57	14	88	5	290
397	LDEQ0938	11	19	14	12	6	36	37	10	70	4	230
399	LDEQ0346	12	32	29	37	2	140	35	36	9	24	47
413	LDEQ0144	12	7	6	5	3	19	20	15	13	13	60
416	LDEQ0339	9	26	13	31	3	97	10	9	5	5	20
419	LDEQ0959	4	3	3	1	1	4	81	78	25	56	111

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
422	LDEQ0940	7	14	13	5	8	20	23	10	23	8	69
425	LDEQ0954	12	40	39	19	14	82	43	35	33	14	115
427	LDEQ0337	11	9	3	12	0	35	27	18	21	11	81
434	LDEQ0934	11	38	34	15	18	60	21	20	9	12	38
439	LDEQ0960	4	6	6	3	4	10	64	50	37	37	118
443	LDEQ1199	12	21	25	13	1	40	46	39	26	19	100
450	LDEQ0344	12	35	37	18	11	59	39	32	28	13	118
459	LDEQ0936	11	30	28	15	7	52	20	19	13	5	49
462	LDEQ0113	12	28	28	12	10	47	30	24	20	9	71
476	LDEQ0949	11	10	11	5	3	17	46	41	21	25	90
481	LDEQ0338	3	16	21	11	4	24	22	20	6	16	29
491	LDEQ0941	11	21	20	11	7	40	17	15	10	7	38
493	LDEQ0927	12	2	1	1	0	4	44	42	18	23	77
494	LDEQ0952	12	15	15	8	4	34	50	50	13	30	71
498	LDEQ0928	12	29	25	14	9	51	31	30	15	13	70
510	LDEQ0958	4	6	7	2	4	8	45	49	10	31	54
512	LDEQ0937	7	30	24	23	10	75	13	9	10	6	33
518	LDEQ0896	11	22	28	12	4	39	14	13	4	9	20
522	LDEQ0039	47	151	159	47	59	220	68	50	55	7	248
536	LDEQ3586	11	28	32	14	6	45	20	19	11	7	42
538	LDEQ1200	8	51	53	16	25	70	18	13	19	6	64
559	LDEQ1201	10	145	148	43	53	193	51	25	58	5	194
561	LDEQ0948	12	13	12	5	4	26	40	30	27	15	108
563	LDEQ1203	12	187	199	50	74	239	46	30	43	13	171
566	LDEQ0961	11	5	5	3	2	14	46	40	29	11	104
569	LDEQ0933	12	61	64	22	29	86	43	28	37	12	137
585	LDEQ0950	12	13	13	6	4	26	37	34	15	21	69

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
586	LDEQ0955	7	40	31	18	22	61	59	43	43	23	146
593	LDEQ1202	11	197	209	52	86	245	57	36	58	15	211
598	LDEQ0962	11	2	2	2	1	7	46	43	23	18	92
649	LDEQ0957	12	9	9	4	2	19	34	30	16	17	75
658	LDEQ0685	12	51	55	21	23	77	53	49	21	25	91
674	LDEQ0692	6	71	70	42	22	117	54	46	40	14	103
678	LDEQ0683	12	22	24	9	7	33	98	57	74	10	230
692	LDEQ0691	6	59	61	19	34	81	68	50	40	26	121
718	LDEQ0693	12	26	29	10	10	41	75	61	48	21	173
719	LDEQ1204	5	81	86	47	25	129	151	159	139	10	358
723	LDEQ2148	15	16	13	7	7	29	71	56	68	17	302
724	LDEQ0316	6	48	52	16	26	68	33	32	12	18	52
728	LDEQ0679	7	23	19	9	11	36	90	69	61	28	189
729	LDEQ0696	12	45	49	14	26	70	61	55	40	19	156
747	LDEQ0678	8	23	22	7	15	35	125	98	88	19	296
752	LDEQ0697	12	18	20	4	11	22	95	77	61	35	243
754	LDEQ0660	12	8	9	4	3	16	97	80	44	47	179
773	LDEQ0655	11	9	8	4	4	17	13	13	7	4	27
782	LDEQ0695	12	11	9	6	5	22	508	246	690	46	1970
784	LDEQ0098	11	6	6	3	3	13	17	15	6	7	32
802	LDEQ0822	11	5	5	1	3	8	21	13	26	5	97
811	LDEQ0657	12	7	8	2	4	10	87	69	47	41	215
815	LDEQ0823	11	3	4	1	2	5	19	13	19	7	75
816	LDEQ2115	9	5	2	6	1	17	30	27	18	9	75
832	LDEQ0851	12	6	5	3	2	10	66	63	34	28	130
833	LDEQ0026	48	3	3	1	1	6	26	22	14	5	73
842	LDEQ2752	12	3	2	1	1	5	39	37	17	20	87

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
846	LDEQ0827	12	3	2	1	1	5	45	32	38	10	141
847	LDEQ0850	12	3	2	1	1	5	60	57	29	21	116
849	LDEQ0828	11	6	6	1	5	8	34	27	23	10	92
850	LDEQ0029	9	2	2	1	1	6	137	79	157	36	532
852	LDEQ0826	12	3	2	1	1	4	38	31	23	14	99
855	LDEQ2114	12	2	2	1	1	4	77	54	57	26	197
868	LDEQ1168	12	4	4	2	1	8	22	18	12	10	48
872	LDEQ0091	11	8	8	3	4	12	13	11	5	7	25
899	LDEQ1169	12	1	1	1	1	2	45	24	63	12	241
904	LDEQ1157	12	2	2	1	1	3	20	18	9	9	37
908	LDEQ0852	11	1	1	1	0	4	33	13	41	7	129
916	LDEQ1158	6	2	1	0	1	2	65	67	24	28	102
926	LDEQ1159	6	1	1	0	1	2	55	48	21	34	88
937	LDEQ1170	12	1	1	0	0	2	56	51	26	26	121

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Table 2: Model Performance for Mean Daily Total Suspended Solids (mg/L) for Calibration Period 2010-2013.

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
23	LDEQ3594	11	67	-1	67	-1	32	-1	1	-1
25	LDEQ1045	12	39	21	39	21	20	21	17	23
26	LDEQ0032	10	11	0	11	0	5	0	3	2
28	LDEQ1089	7	32	-28	32	-28	12	-28	26	-27
30	LDEQ0105	47	26	-16	26	-16	26	-16	17	-16
31	LDEQ1073	12	28	-17	28	-17	14	-17	13	-18
35	LDEQ0035	5	13	-5	13	-5	4	-5	6	-8
36	LDEQ1047	10	46	20	46	20	21	20	10	20
37	LDEQ1043	12	19	5	19	5	10	5	7	0
39	LDEQ1087	7	14	-9	14	-9	5	-9	7	-8
41	LDEQ0106	30	9	2	9	2	7	2	3	1
42	LDEQ1086	14	30	-9	30	-9	16	-9	12	-6
45	LDEQ0138	43	25	-2	24	-3	24	-2	9	-2
46	LDEQ1064	12	6	-4	6	-4	3	-4	3	-5
48	LDEQ0638	11	18	2	18	2	8	2	3	-1
49	LDEQ1085	0	-	-	-	-	-	-	-	-
52	LDEQ1082	8	47	-21	47	-21	19	-21	26	-26
53	LDEQ1084	2	12	-11	12	-11	2	-11	6	-11
55	LDEQ1083	7	38	-14	38	-14	14	-14	21	-15
63	LDEQ0306	11	32	4	32	4	15	4	10	-4
65	LDEQ1095	12	48	33	48	33	24	33	22	23
66	LDEQ1065	12	15	-13	15	-13	7	-13	7	-13
80	LDEQ1104	9	7	-3	7	-3	3	-3	2	-3
81	LDEQ1081	14	43	17	43	17	23	17	26	26
82	LDEQ0006	8	42	25	42	25	17	25	29	29
97	LDEQ1106	10	22	-11	22	-11	10	-11	6	-8

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
106	LDEQ1050	12	23	-9	23	-9	11	-9	6	-6
107	LDEQ0007	7	45	28	45	28	17	28	51	49
130	LDEQ0905	11	16	-14	16	-14	8	-14	11	-15
136	LDEQ0036	12	19	-10	19	-10	10	-10	6	-9
155	LDEQ1080	8	47	24	47	24	19	24	31	29
156	LDEQ1092	12	25	15	25	15	12	15	10	12
186	LDEQ1049	14	48	-36	48	-36	26	-36	30	-31
209	LDEQ0304	12	28	-23	28	-23	14	-23	20	-27
213	LDEQ3958	11	32	-27	32	-27	15	-27	22	-30
215	LDEQ0228	10	7	0	7	0	3	0	2	-2
226	LDEQ0909	12	27	-21	27	-21	14	-21	19	-25
230	LDEQ1048	11	30	-17	30	-17	14	-17	21	-19
236	LDEQ1102	13	24	-12	24	-12	13	-12	14	-17
248	LDEQ0901	4	9	5	9	5	3	5	3	5
251	LDEQ0904	9	21	9	21	9	9	9	7	9
252	LDEQ4345	12	41	-30	41	-30	21	-30	27	-36
256	LDEQ0899	11	15	-1	15	-1	7	-1	5	2
257	LDEQ0908	12	29	-22	29	-22	15	-22	16	-23
258	LDEQ0243	10	14	-4	14	-4	6	-4	6	-7
268	LDEQ0921	11	13	-5	13	-5	6	-5	4	-1
277	LDEQ0898	11	18	-9	18	-9	8	-9	6	-7
278	LDEQ0907	12	24	-16	24	-16	12	-16	16	-20
283	LDEQ0292	11	19	-9	19	-9	9	-9	11	-2
287	LDEQ0903	11	15	6	15	6	7	6	10	10
295	LDEQ0897	11	29	-9	29	-9	14	-9	8	-11
297	LDEQ0919	7	5	-4	5	-4	2	-4	3	-5
298	LDEQ0084	12	23	-15	23	-15	11	-15	15	-19

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
307	LDEQ0926	12	81	-53	81	-53	40	-53	33	-44
309	LDEQ0977	9	73	10	73	10	32	10	54	45
316	LDEQ2843	12	64	-14	64	-14	32	-14	11	-7
317	LDEQ0922	12	32	-27	32	-27	16	-27	19	-26
325	LDEQ2844	12	21	-12	21	-12	11	-12	8	-11
327	LDEQ0341	11	16	2	16	2	7	2	9	-5
331	LDEQ0925	12	31	-26	31	-26	15	-26	17	-23
342	LDEQ0293	40	33	-10	33	-10	31	-10	15	-9
346	LDEQ0946	12	16	-13	16	-13	8	-13	9	-12
356	LDEQ0340	11	19	-5	19	-5	9	-5	9	-9
358	LDEQ0110	11	25	-11	25	-11	12	-11	10	-5
359	LDEQ0923	12	59	-53	59	-53	30	-53	48	-64
362	LDEQ0943	11	9	5	9	5	5	5	3	5
363	LDEQ1198	12	17	-16	17	-16	9	-16	13	-18
366	LDEQ0924	12	42	-40	42	-40	21	-40	31	-44
374	LDEQ0080	12	46	-42	46	-42	23	-42	29	-41
377	LDEQ0953	12	40	-36	40	-36	20	-36	25	-35
378	LDEQ0930	0	-	-	-	-	-	-	-	-
383	LDEQ0939	11	7	2	7	2	3	2	3	0
386	LDEQ3001	11	13	-11	13	-11	6	-11	10	-13
392	LDEQ1196	12	132	118	132	118	66	118	100	137
394	LDEQ0942	11	83	-28	83	-28	40	-28	21	-17
397	LDEQ0938	11	74	-18	74	-18	36	-18	12	-14
399	LDEQ0346	12	33	-3	33	-3	17	-3	10	4
413	LDEQ0144	12	19	-13	19	-13	10	-13	9	-12
416	LDEQ0339	9	33	16	33	16	14	16	30	31
419	LDEQ0959	4	80	-78	80	-78	23	-78	52	-73

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
422	LDEQ0940	7	21	-9	21	-9	8	-9	7	-10
425	LDEQ0954	12	30	-3	30	-3	15	-3	3	-1
427	LDEQ0337	11	24	-18	24	-18	12	-18	12	-14
434	LDEQ0934	11	19	17	19	17	9	17	11	15
439	LDEQ0960	4	65	-57	65	-57	19	-57	38	-52
443	LDEQ1199	12	35	-25	35	-25	17	-25	16	-22
450	LDEQ0344	12	24	-5	24	-5	12	-5	9	-9
459	LDEQ0936	11	16	11	16	11	8	11	7	9
462	LDEQ0113	12	20	-2	20	-2	10	-2	12	-9
476	LDEQ0949	11	40	-36	40	-36	19	-36	27	-38
481	LDEQ0338	3	11	-5	11	-5	3	-5	3	-5
491	LDEQ0941	11	13	4	13	4	6	4	6	0
493	LDEQ0927	12	45	-42	45	-42	23	-42	35	-48
494	LDEQ0952	12	38	-36	38	-36	19	-36	27	-38
498	LDEQ0928	12	19	-3	19	-3	10	-3	10	4
510	LDEQ0958	4	40	-39	40	-39	12	-39	28	-40
512	LDEQ0937	7	23	18	23	18	9	18	14	13
518	LDEQ0896	11	14	8	14	8	7	8	8	10
522	LDEQ0039	47	99	83	99	83	98	83	84	83
536	LDEQ3586	11	14	8	14	8	7	8	7	9
538	LDEQ1200	8	41	33	41	33	17	33	21	25
559	LDEQ1201	10	105	94	105	94	48	94	71	101
561	LDEQ0948	12	37	-26	37	-26	19	-26	18	-26
563	LDEQ1203	12	149	141	149	141	74	141	99	140
566	LDEQ0961	11	49	-40	49	-40	23	-40	29	-41
569	LDEQ0933	12	42	18	42	18	21	18	11	15
585	LDEQ0950	12	28	-24	28	-24	14	-24	17	-23

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
586	LDEQ0955	7	39	-18	39	-18	15	-18	18	-17
593	LDEQ1202	11	151	140	151	140	72	140	99	140
598	LDEQ0962	11	49	-44	49	-44	23	-44	32	-46
649	LDEQ0957	12	29	-25	29	-25	15	-25	17	-24
658	LDEQ0685	12	20	-3	20	-3	10	-3	10	-8
674	LDEQ0692	6	45	17	45	17	16	17	15	3
678	LDEQ0683	12	103	-76	103	-76	51	-76	48	-60
692	LDEQ0691	6	28	-9	28	-9	10	-9	6	-9
718	LDEQ0693	12	66	-49	66	-49	33	-49	34	-48
719	LDEQ1204	5	116	-70	116	-70	37	-70	56	-59
723	LDEQ2148	15	85	-55	85	-55	48	-55	42	-42
724	LDEQ0316	6	18	15	18	15	6	15	10	13
728	LDEQ0679	7	84	-67	84	-67	32	-67	47	-47
729	LDEQ0696	12	41	-16	41	-16	20	-16	14	-19
747	LDEQ0678	8	133	-102	133	-102	54	-102	94	-106
752	LDEQ0697	12	96	-77	96	-77	48	-77	49	-65
754	LDEQ0660	12	97	-89	97	-89	49	-89	60	-84
773	LDEQ0655	11	9	-4	9	-4	5	-4	3	-3
782	LDEQ0695	12	826	-497	826	-497	413	-497	418	-572
784	LDEQ0098	11	12	-10	12	-10	6	-10	8	-11
802	LDEQ0822	11	30	-16	30	-16	14	-16	26	-30
811	LDEQ0657	12	91	-80	91	-80	46	-80	57	-80
815	LDEQ0823	11	25	-15	25	-15	12	-15	24	-28
816	LDEQ2115	9	31	-25	31	-25	13	-27	18	-25
832	LDEQ0851	12	69	-60	69	-60	35	-60	49	-67
833	LDEQ0026	48	27	-23	27	-23	27	-23	24	-23
842	LDEQ2752	12	40	-36	40	-36	20	-36	30	-41

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
846	LDEQ0827	12	56	-42	56	-42	28	-42	49	-59
847	LDEQ0850	12	63	-57	63	-57	32	-57	43	-60
849	LDEQ0828	11	35	-28	35	-28	17	-28	25	-33
850	LDEQ0029	9	201	-135	201	-135	85	-140	85	-113
852	LDEQ0826	12	42	-36	42	-36	21	-36	26	-36
855	LDEQ2114	12	92	-75	92	-75	46	-75	61	-84
868	LDEQ1168	12	20	-17	20	-17	10	-17	11	-15
872	LDEQ0091	11	6	-5	6	-5	3	-5	4	-6
899	LDEQ1169	12	75	-44	75	-44	37	-44	29	-40
904	LDEQ1157	12	20	-18	20	-18	10	-18	13	-19
908	LDEQ0852	11	50	-31	50	-31	24	-31	24	-34
916	LDEQ1158	6	67	-63	67	-63	24	-63	44	-63
926	LDEQ1159	6	57	-54	57	-54	20	-54	38	-54
937	LDEQ1170	12	61	-55	61	-55	30	-55	41	-58

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Table 3: Summary of Modeled and Observed Mean Daily Total Suspended Solids (mg/L) for Validation Period 2006-2009.

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
23	LDEQ3594	9	36	34	23	10	80	9	6	6	5	23
25	LDEQ1045	10	25	15	22	6	67	43	16	81	5	273
26	LDEQ0032	21	12	9	10	2	42	10	9	6	5	25
28	LDEQ1089	11	7	6	6	2	19	37	24	37	7	124
30	LDEQ0105	48	15	10	14	2	62	22	17	14	7	57
31	LDEQ1073	9	8	6	5	2	14	13	15	6	5	21
35	LDEQ0035	8	9	7	6	3	18	19	12	21	4	68
36	LDEQ1047	11	12	6	11	4	40	24	8	42	5	147
37	LDEQ1043	9	3	3	2	2	6	6	7	1	5	8
39	LDEQ1087	10	15	15	4	5	20	37	33	27	7	76
41	LDEQ0106	40	8	5	9	1	38	8	8	4	4	20
42	LDEQ1086	10	11	11	3	3	14	35	34	25	5	89
45	LDEQ0138	47	10	5	14	2	68	18	15	12	5	58
46	LDEQ1064	22	12	7	14	2	52	16	13	13	5	65
48	LDEQ0638	12	5	5	3	2	12	10	8	6	4	26
49	LDEQ1085	10	21	22	5	10	25	21	24	11	5	41
52	LDEQ1082	11	33	34	10	17	49	51	39	44	7	154
53	LDEQ1084	10	8	7	4	3	14	24	26	11	6	43
55	LDEQ1083	11	32	36	10	13	43	39	24	34	5	116
63	LDEQ0306	12	3	4	1	1	5	12	7	10	5	41
65	LDEQ1095	12	84	84	43	30	156	40	33	26	14	100
66	LDEQ1065	12	5	5	3	2	8	21	19	12	9	45
80	LDEQ1104	12	5	5	2	2	9	11	10	4	6	18
81	LDEQ1081	12	39	37	23	7	70	28	16	33	9	128
82	LDEQ0006	11	46	47	16	20	69	45	30	57	7	208
97	LDEQ1106	12	2	2	1	1	4	7	7	2	5	11

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
106	LDEQ1050	15	18	4	36	1	129	19	16	15	7	72
107	LDEQ0007	12	39	34	25	7	73	23	13	31	4	117
130	LDEQ0905	11	10	11	3	5	15	38	35	25	12	98
136	LDEQ0036	12	5	5	2	3	9	15	13	8	4	35
155	LDEQ1080	12	37	31	24	7	72	30	28	17	8	68
156	LDEQ1092	12	74	82	42	13	130	51	41	32	17	107
186	LDEQ1049	12	2	2	1	1	3	32	23	21	14	88
209	LDEQ0304	15	3	1	5	0	16	61	35	82	16	330
213	LDEQ3958	3	5	5	3	2	8	12	12	3	10	15
215	LDEQ0228	12	6	5	5	0	20	10	10	5	4	23
226	LDEQ0909	12	16	17	9	4	32	34	33	14	16	61
230	LDEQ1048	12	1	1	1	0	2	17	12	13	7	54
236	LDEQ1102	11	10	8	9	1	33	19	16	14	5	45
248	LDEQ0901	10	28	30	9	11	38	36	35	32	4	113
251	LDEQ0904	11	35	34	12	10	50	13	11	6	5	26
252	LDEQ4345	0	-	-	-	-	-	-	-	-	-	-
256	LDEQ0899	11	23	24	8	10	32	25	24	18	10	60
257	LDEQ0908	12	15	17	8	4	26	52	40	33	22	125
258	LDEQ0243	11	6	5	6	0	23	14	13	6	5	26
268	LDEQ0921	12	21	22	9	8	32	27	22	13	11	58
277	LDEQ0898	11	24	26	8	10	34	59	63	25	21	90
278	LDEQ0907	12	17	20	8	6	27	47	33	38	22	157
283	LDEQ0292	11	23	24	8	10	34	37	23	32	12	112
287	LDEQ0903	11	29	29	9	14	40	25	15	27	9	104
295	LDEQ0897	9	24	26	7	10	32	76	82	54	13	164
297	LDEQ0919	10	2	3	1	1	4	13	9	8	5	23
298	LDEQ0084	13	18	13	17	3	67	47	38	32	13	108

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
307	LDEQ0926	12	11	12	4	4	17	37	35	17	12	76
309	LDEQ0977	11	23	0	67	0	226	24	18	18	8	72
316	LDEQ2843	13	31	28	15	8	53	31	29	17	10	64
317	LDEQ0922	12	0	0	0	0	0	32	24	19	12	78
325	LDEQ2844	13	22	17	13	5	41	34	33	14	13	60
327	LDEQ0341	12	9	6	8	2	27	24	19	13	8	53
331	LDEQ0925	12	13	12	6	4	22	41	37	23	16	75
342	LDEQ0293	43	5	4	5	0	30	23	14	26	5	162
346	LDEQ0946	14	15	12	16	1	53	24	20	12	8	48
356	LDEQ0340	11	37	35	14	13	57	61	48	36	23	142
358	LDEQ0110	11	13	11	8	2	26	34	30	28	4	108
359	LDEQ0923	12	2	3	1	1	4	38	35	16	20	70
362	LDEQ0943	11	21	18	12	5	45	25	22	7	15	36
363	LDEQ1198	11	10	0	16	0	42	18	8	32	4	114
366	LDEQ0924	12	10	11	5	2	17	33	25	20	14	81
374	LDEQ0080	11	24	14	24	0	67	72	53	41	29	150
377	LDEQ0953	12	4	4	1	2	6	53	48	23	21	87
378	LDEQ0930	9	4	2	4	0	12	17	15	9	7	32
383	LDEQ0939	11	14	12	14	2	53	17	14	7	9	29
386	LDEQ3001	11	12	10	8	4	30	25	24	13	13	54
392	LDEQ1196	12	196	213	57	99	253	96	71	75	9	229
394	LDEQ0942	12	39	44	14	15	60	38	32	16	14	67
397	LDEQ0938	11	19	18	9	6	32	18	18	6	4	26
399	LDEQ0346	12	16	13	14	1	46	26	23	13	15	62
413	LDEQ0144	12	14	12	8	5	31	25	20	11	10	50
416	LDEQ0339	11	24	27	16	4	53	14	8	18	6	66
419	LDEQ0959	12	2	2	1	1	3	82	47	93	26	348

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
422	LDEQ0940	12	21	18	12	5	42	24	25	8	10	38
425	LDEQ0954	12	32	32	12	16	54	24	20	14	15	69
427	LDEQ0337	10	19	13	19	0	48	41	29	36	9	112
434	LDEQ0934	11	41	40	15	16	59	35	32	14	15	59
439	LDEQ0960	12	7	7	3	3	12	50	36	41	9	141
443	LDEQ1199	12	33	29	16	6	56	48	43	23	18	97
450	LDEQ0344	12	34	34	13	13	52	39	38	15	20	74
459	LDEQ0936	0	-	-	-	-	-	-	-	-	-	-
462	LDEQ0113	12	25	25	10	10	39	32	33	7	21	47
476	LDEQ0949	11	11	11	7	4	29	32	30	10	19	55
481	LDEQ0338	10	31	30	20	5	61	39	39	11	25	66
491	LDEQ0941	12	28	32	13	9	44	38	29	23	19	93
493	LDEQ0927	12	1	1	1	1	3	43	23	43	6	139
494	LDEQ0952	12	16	15	10	3	38	31	30	9	18	46
498	LDEQ0928	13	42	43	20	7	71	36	33	21	11	100
510	LDEQ0958	12	6	6	4	2	13	38	29	25	14	105
512	LDEQ0937	10	37	43	18	10	63	26	17	19	10	63
518	LDEQ0896	11	23	20	12	6	41	11	11	6	6	25
522	LDEQ0039	48	157	168	44	75	223	78	71	48	17	226
536	LDEQ3586	11	50	26	75	8	272	25	25	10	10	48
538	LDEQ1200	11	54	57	15	30	75	9	9	3	5	15
559	LDEQ1201	11	147	141	42	82	200	112	77	73	20	278
561	LDEQ0948	12	15	15	6	5	24	44	40	18	26	87
563	LDEQ1203	11	171	157	53	100	244	109	90	63	25	234
566	LDEQ0961	11	6	6	2	3	11	62	48	52	14	182
569	LDEQ0933	13	64	66	15	30	84	32	30	12	16	64
585	LDEQ0950	12	14	14	5	5	20	54	40	56	25	228

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
586	LDEQ0955	10	44	44	17	15	66	44	33	33	11	120
593	LDEQ1202	11	195	197	49	101	247	111	75	81	23	292
598	LDEQ0962	11	3	3	2	1	7	37	20	51	9	186
649	LDEQ0957	12	9	8	3	6	12	47	29	37	18	139
658	LDEQ0685	14	51	56	16	22	79	76	64	47	23	181
674	LDEQ0692	11	56	61	24	22	93	62	38	43	21	142
678	LDEQ0683	12	29	29	11	15	46	44	36	28	15	116
692	LDEQ0691	11	60	63	27	22	122	97	98	62	23	230
718	LDEQ0693	12	35	37	12	18	48	46	48	20	17	78
719	LDEQ1204	0	-	-	-	-	-	-	-	-	-	-
723	LDEQ2148	12	17	16	9	4	28	79	79	27	39	121
724	LDEQ0316	11	51	56	21	23	84	32	29	13	19	64
728	LDEQ0679	12	22	21	11	7	38	99	85	50	42	188
729	LDEQ0696	12	50	53	23	22	99	44	34	31	15	118
747	LDEQ0678	12	23	24	10	7	35	82	84	39	32	164
752	LDEQ0697	0	-	-	-	-	-	-	-	-	-	-
754	LDEQ0660	12	6	6	3	3	10	88	71	58	39	224
773	LDEQ0655	12	6	5	2	4	10	13	11	6	6	24
782	LDEQ0695	12	8	8	4	2	15	455	139	709	52	2340
784	LDEQ0098	12	5	4	2	3	11	34	20	33	10	101
802	LDEQ0822	12	5	5	1	4	8	10	11	4	5	17
811	LDEQ0657	12	5	5	2	3	8	94	91	69	19	231
815	LDEQ0823	11	4	3	1	3	5	15	16	5	7	21
816	LDEQ2115	12	2	2	1	1	4	73	57	62	19	245
832	LDEQ0851	12	5	4	3	2	9	68	60	27	35	123
833	LDEQ0026	47	5	3	5	2	25	25	21	17	10	107
842	LDEQ2752	12	3	3	1	2	6	37	41	12	17	53

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ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
846	LDEQ0827	12	3	3	1	2	4	36	31	19	11	81
847	LDEQ0850	12	3	3	1	2	6	45	39	16	30	78
849	LDEQ0828	12	6	6	3	2	11	31	29	17	15	63
850	LDEQ0029	12	3	3	2	1	5	145	53	240	29	873
852	LDEQ0826	12	3	3	1	2	4	36	26	25	14	81
855	LDEQ2114	12	2	2	2	0	6	59	26	96	17	360
868	LDEQ1168	13	10	5	10	2	40	26	22	17	9	63
872	LDEQ0091	13	10	10	6	4	29	16	13	12	6	51
899	LDEQ1169	13	6	4	6	1	22	34	33	23	11	84
904	LDEQ1157	13	9	4	12	1	42	24	19	16	9	62
908	LDEQ0852	9	1	0	1	0	2	41	36	37	11	123
916	LDEQ1158	12	2	1	0	1	2	23	22	13	10	49
926	LDEQ1159	12	1	1	1	0	2	23	19	13	10	54
937	LDEQ1170	12	1	1	1	0	2	30	22	30	11	122

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Table 4: Model Performance for Mean Daily Total Suspended Solids (mg/L) for Validation Period 2006-2009.

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
23	LDEQ3594	9	34	26	34	26	15	26	15	19
25	LDEQ1045	10	85	-18	85	-18	20	-8	9	-18
26	LDEQ0032	21	6	2	6	2	4	2	3	1
28	LDEQ1089	11	47	-30	47	-30	18	-30	15	-30
30	LDEQ0105	48	19	-8	19	-8	18	-8	11	-7
31	LDEQ1073	9	7	-6	7	-6	3	-6	3	-6
35	LDEQ0035	8	22	-10	22	-10	9	-11	5	-10
36	LDEQ1047	11	44	-12	44	-12	21	-14	6	-12
37	LDEQ1043	9	3	-3	3	-3	1	-3	1	-3
39	LDEQ1087	10	34	-22	34	-22	11	-16	11	-22
41	LDEQ0106	40	8	0	8	0	7	0	4	0
42	LDEQ1086	10	34	-24	34	-24	11	-18	12	-24
45	LDEQ0138	47	13	-7	13	-7	12	-7	9	-8
46	LDEQ1064	22	17	-4	17	-4	12	-4	6	-4
48	LDEQ0638	12	8	-5	8	-5	4	-6	3	-5
49	LDEQ1085	10	10	0	10	0	4	0	0	0
52	LDEQ1082	11	44	-19	44	-19	20	-19	9	-19
53	LDEQ1084	10	18	-15	18	-15	6	-13	8	-15
55	LDEQ1083	11	30	-7	30	-7	13	-6	3	-7
63	LDEQ0306	12	13	-8	13	-8	6	-9	4	-8
65	LDEQ1095	12	53	44	53	44	27	44	31	43
66	LDEQ1065	12	21	-17	21	-17	9	-16	8	-17
80	LDEQ1104	12	7	-5	7	-5	3	-5	3	-5
81	LDEQ1081	12	29	11	29	11	13	7	5	11
82	LDEQ0006	11	48	1	48	1	22	-2	0	1
97	LDEQ1106	12	6	-5	6	-5	2	-5	3	-5

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
106	LDEQ1050	15	32	-1	32	-1	17	0	22	15
107	LDEQ0007	12	36	16	36	16	16	13	8	16
130	LDEQ0905	11	35	-27	35	-27	17	-27	18	-22
136	LDEQ0036	12	12	-9	12	-9	6	-10	5	-9
155	LDEQ1080	12	24	7	24	7	11	6	3	7
156	LDEQ1092	12	35	23	35	23	18	23	19	26
186	LDEQ1049	12	37	-31	37	-31	17	-31	15	-31
209	LDEQ0304	15	98	-58	98	-58	37	-50	35	-45
213	LDEQ3958	3	8	-7	8	-7	2	-7	4	-7
215	LDEQ0228	12	7	-4	7	-4	4	-4	2	-3
226	LDEQ0909	12	22	-18	22	-18	11	-18	13	-19
230	LDEQ1048	12	20	-16	20	-16	10	-16	8	-16
236	LDEQ1102	11	19	-9	19	-9	9	-10	5	-9
248	LDEQ0901	10	28	-8	28	-8	13	-8	5	-7
251	LDEQ0904	11	24	22	24	22	12	22	15	21
252	LDEQ4345	0	-	-	-	-	-	-	-	-
256	LDEQ0899	11	16	-2	16	-2	8	-2	2	-2
257	LDEQ0908	12	46	-37	46	-37	23	-37	24	-32
258	LDEQ0243	11	11	-7	11	-7	5	-7	4	-7
268	LDEQ0921	12	11	-6	11	-6	5	-7	3	-6
277	LDEQ0898	11	40	-35	40	-35	19	-35	27	-37
278	LDEQ0907	12	45	-30	45	-30	22	-30	19	-24
283	LDEQ0292	11	31	-14	31	-14	15	-14	10	-9
287	LDEQ0903	11	27	3	27	3	13	3	8	7
295	LDEQ0897	9	71	-52	71	-52	31	-52	37	-52
297	LDEQ0919	10	13	-10	13	-10	6	-10	11	-15
298	LDEQ0084	13	42	-29	42	-29	20	-30	21	-30

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
307	LDEQ0926	12	31	-26	31	-26	15	-26	17	-23
309	LDEQ0977	11	70	-1	70	-1	34	-1	18	-11
316	LDEQ2843	13	19	0	19	0	9	-3	10	-7
317	LDEQ0922	12	37	-32	37	-32	18	-32	20	-27
325	LDEQ2844	13	23	-12	23	-12	11	-14	14	-18
327	LDEQ0341	12	22	-14	22	-14	10	-15	7	-14
331	LDEQ0925	12	35	-28	35	-28	18	-28	18	-21
342	LDEQ0293	43	32	-18	32	-18	30	-18	22	-17
346	LDEQ0946	14	20	-9	20	-9	9	-10	10	-13
356	LDEQ0340	11	37	-24	37	-24	18	-24	21	-28
358	LDEQ0110	11	34	-21	34	-21	16	-21	14	-17
359	LDEQ0923	12	39	-35	39	-35	17	-34	18	-35
362	LDEQ0943	11	11	-4	11	-4	5	-4	6	-7
363	LDEQ1198	11	34	-8	34	-8	16	-8	5	-6
366	LDEQ0924	12	31	-23	31	-23	14	-22	12	-23
374	LDEQ0080	11	67	-47	67	-47	32	-47	31	-43
377	LDEQ0953	12	54	-49	54	-49	27	-49	32	-43
378	LDEQ0930	9	16	-13	16	-13	7	-14	7	-13
383	LDEQ0939	11	15	-3	15	-3	6	-6	2	-3
386	LDEQ3001	11	14	-13	14	-13	7	-13	9	-12
392	LDEQ1196	12	126	100	126	100	63	100	87	118
394	LDEQ0942	12	16	1	16	1	8	1	5	-2
397	LDEQ0938	11	10	1	10	1	4	1	0	1
399	LDEQ0346	12	16	-10	16	-10	6	-10	5	-10
413	LDEQ0144	12	13	-10	13	-10	7	-10	7	-7
416	LDEQ0339	11	28	9	28	9	13	9	9	4
419	LDEQ0959	12	120	-80	120	-80	43	-73	40	-80

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
422	LDEQ0940	12	9	-3	9	-3	5	-3	4	-5
425	LDEQ0954	12	14	8	14	8	5	8	4	8
427	LDEQ0337	10	52	-22	52	-22	23	-19	17	-3
434	LDEQ0934	11	12	6	12	6	6	6	4	5
439	LDEQ0960	12	58	-43	58	-43	23	-43	21	-43
443	LDEQ1199	12	22	-15	22	-15	11	-15	10	-13
450	LDEQ0344	12	16	-5	16	-5	7	-5	2	-5
459	LDEQ0936	0	-	-	-	-	-	-	-	-
462	LDEQ0113	12	13	-7	13	-7	5	-7	4	-7
476	LDEQ0949	11	23	-20	23	-20	11	-20	14	-19
481	LDEQ0338	10	20	-8	20	-8	9	-10	4	-8
491	LDEQ0941	12	20	-9	20	-9	10	-9	6	-6
493	LDEQ0927	12	59	-42	59	-42	24	-40	21	-42
494	LDEQ0952	12	20	-15	20	-15	9	-16	7	-15
498	LDEQ0928	13	20	6	20	6	10	4	5	2
510	LDEQ0958	12	39	-32	39	-32	15	-29	16	-32
512	LDEQ0937	10	25	12	25	12	11	10	6	12
518	LDEQ0896	11	15	12	15	12	7	12	8	12
522	LDEQ0039	48	92	79	92	79	89	78	84	80
536	LDEQ3586	11	75	25	75	25	36	25	40	42
538	LDEQ1200	11	47	45	47	45	23	45	30	42
559	LDEQ1201	11	79	35	79	35	38	35	48	53
561	LDEQ0948	12	35	-29	35	-29	17	-29	20	-29
563	LDEQ1203	11	97	62	97	62	46	62	69	84
566	LDEQ0961	11	76	-57	76	-57	36	-57	56	-72
569	LDEQ0933	13	34	32	34	32	16	32	22	31
585	LDEQ0950	12	67	-40	67	-40	33	-40	27	-37

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
586	LDEQ0955	10	33	0	33	0	12	6	0	0
593	LDEQ1202	11	120	84	120	84	57	84	80	104
598	LDEQ0962	11	60	-34	60	-34	29	-34	41	-48
649	LDEQ0957	12	52	-38	52	-38	26	-38	27	-39
658	LDEQ0685	14	45	-25	45	-25	22	-27	16	-15
674	LDEQ0692	11	29	-6	29	-6	12	-4	3	-6
678	LDEQ0683	12	29	-16	29	-16	14	-16	10	-15
692	LDEQ0691	11	58	-38	58	-38	25	-36	19	-38
718	LDEQ0693	12	22	-11	22	-11	11	-11	12	-15
719	LDEQ1204	0	-	-	-	-	-	-	-	-
723	LDEQ2148	12	67	-61	67	-61	30	-62	31	-61
724	LDEQ0316	11	27	19	27	19	13	19	13	14
728	LDEQ0679	12	87	-77	87	-77	42	-80	38	-77
729	LDEQ0696	12	40	6	40	6	20	6	24	-10
747	LDEQ0678	12	66	-59	66	-59	30	-58	29	-59
752	LDEQ0697	0	-	-	-	-	-	-	-	-
754	LDEQ0660	12	98	-82	98	-82	36	-74	41	-82
773	LDEQ0655	12	9	-7	9	-7	4	-7	4	-7
782	LDEQ0695	12	811	-447	811	-447	360	-453	224	-447
784	LDEQ0098	12	42	-29	42	-29	18	-27	14	-29
802	LDEQ0822	12	6	-5	6	-5	3	-5	3	-4
811	LDEQ0657	12	110	-88	110	-88	45	-82	44	-88
815	LDEQ0823	11	13	-12	13	-12	6	-12	8	-11
816	LDEQ2115	12	92	-71	92	-71	41	-71	35	-71
832	LDEQ0851	12	68	-63	68	-63	34	-63	41	-57
833	LDEQ0026	47	27	-21	27	-21	23	-20	22	-21
842	LDEQ2752	12	35	-33	35	-33	15	-31	20	-28

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ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
846	LDEQ0827	12	38	-33	38	-33	14	-27	21	-28
847	LDEQ0850	12	44	-41	44	-41	18	-38	26	-36
849	LDEQ0828	12	31	-26	31	-26	11	-21	15	-18
850	LDEQ0029	12	270	-143	270	-143	130	-156	71	-143
852	LDEQ0826	12	41	-33	41	-33	15	-27	20	-25
855	LDEQ2114	12	108	-57	108	-57	53	-65	28	-57
868	LDEQ1168	13	23	-17	23	-17	12	-16	14	-20
872	LDEQ0091	13	14	-7	14	-7	7	-6	8	-10
899	LDEQ1169	13	33	-28	33	-28	17	-28	19	-26
904	LDEQ1157	13	17	-15	17	-15	8	-15	10	-13
908	LDEQ0852	9	53	-40	53	-40	23	-40	27	-35
916	LDEQ1158	12	25	-22	25	-22	10	-20	11	-22
926	LDEQ1159	12	25	-22	25	-22	11	-22	11	-22
937	LDEQ1170	12	41	-29	41	-29	14	-27	15	-29

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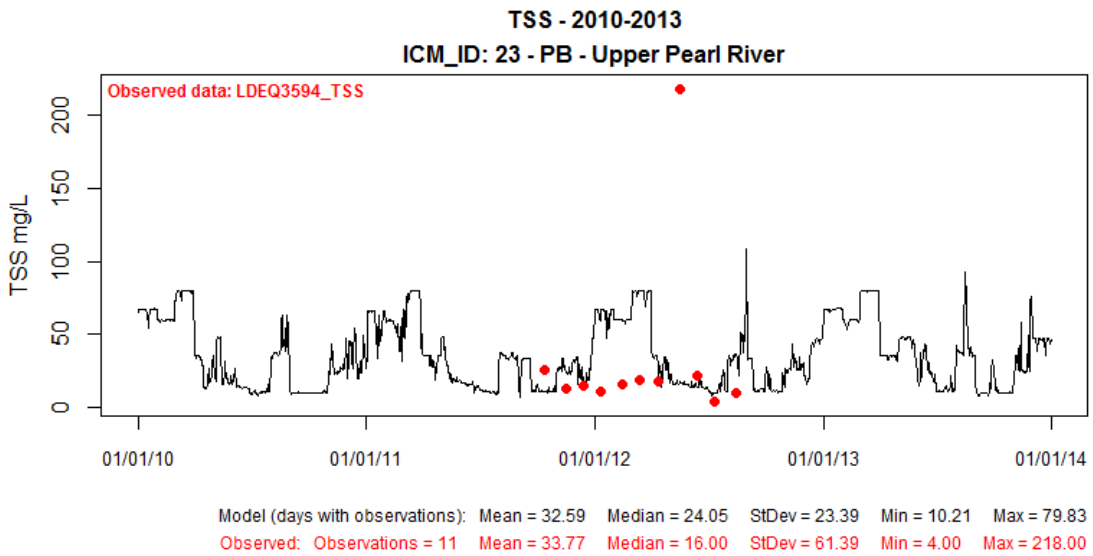

Figure 1: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 23 Compared to Observed Data at LDEQ3594 for Calibration Period 2010-2013.

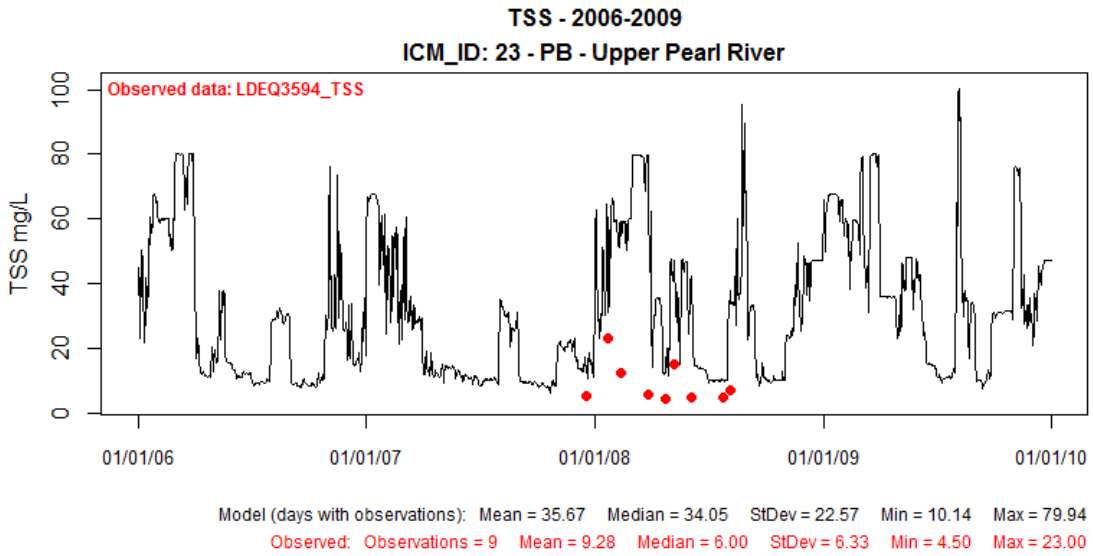

Figure 2: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 23 Compared to Observed Data at LDEQ3594 for Validation Period 2006-2009.

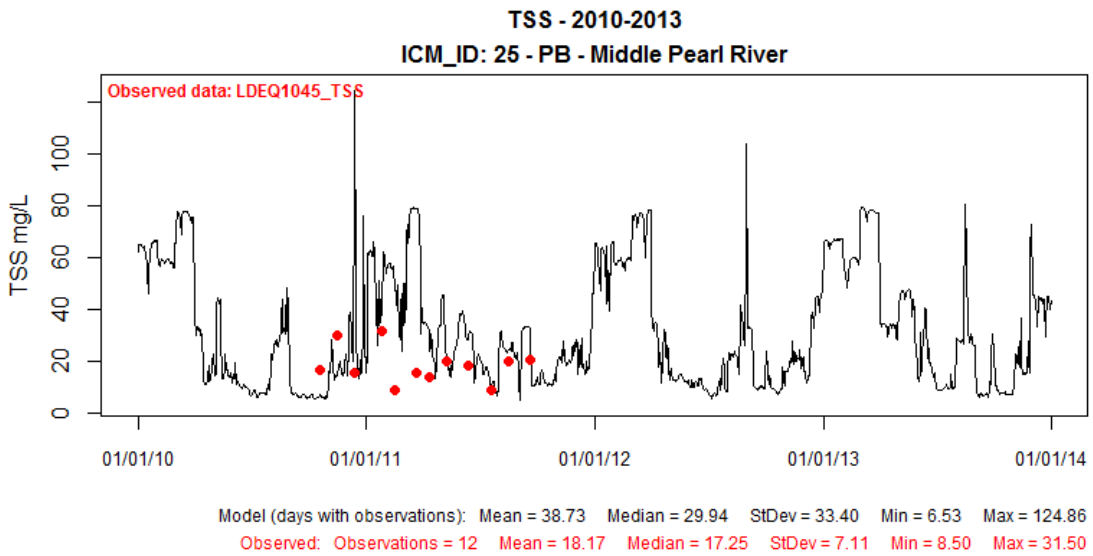

Figure 3: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 25 Compared to Observed Data at LDEQ1045 for Calibration Period 2010-2013.

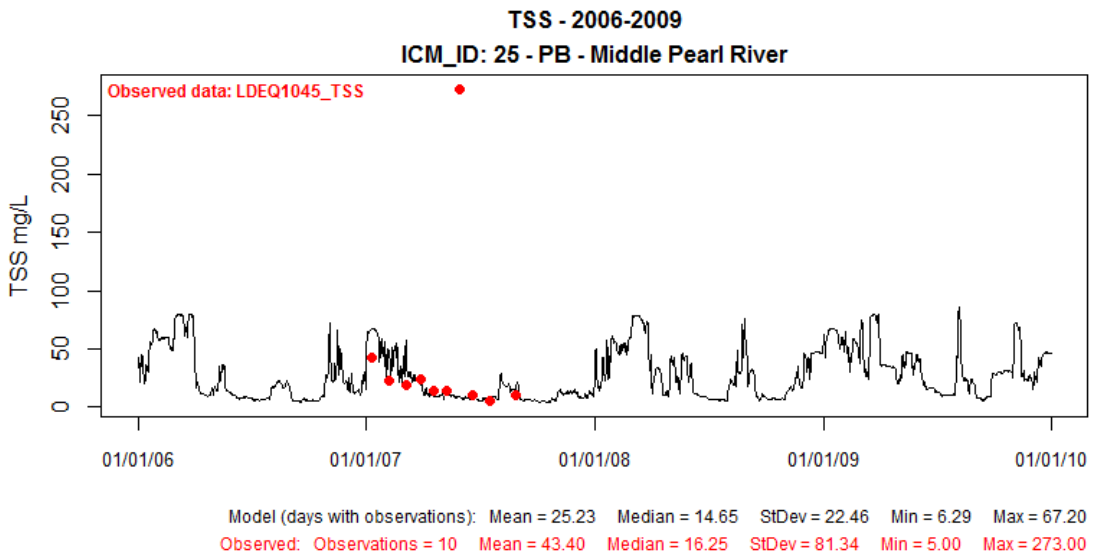

Figure 4: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 25 Compared to Observed Data at LDEQ1045 for Validation Period 2006-2009.

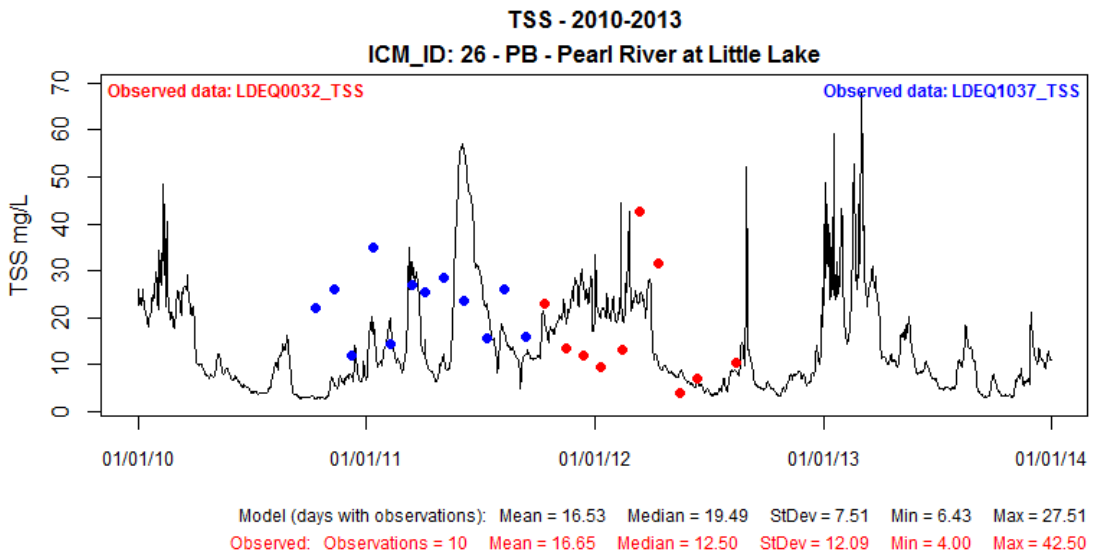

Figure 5: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 26 Compared to Observed Data at LDEQ0032 for Calibration Period 2010-2013.

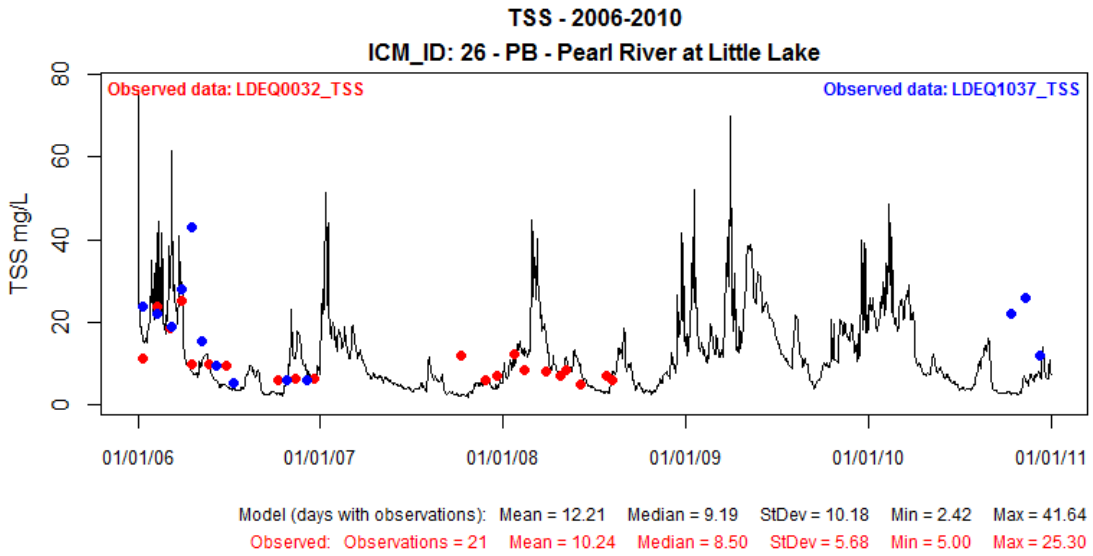

Figure 6: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 26 Compared to Observed Data at LDEQ0032 for Validation Period 2006-2009.

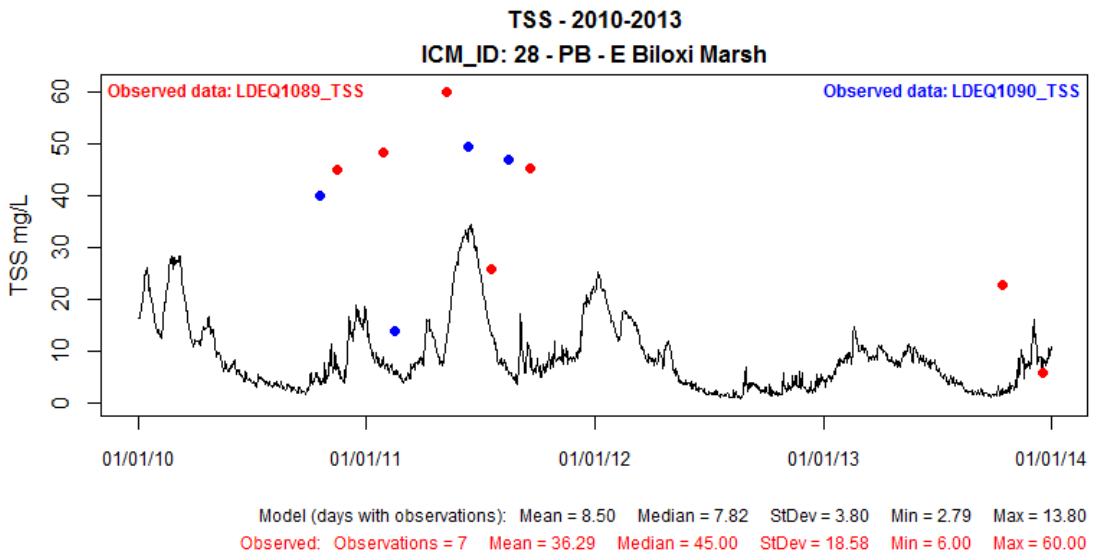

Figure 7: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 28 Compared to Observed Data at LDEQ1089 for Calibration Period 2010-2013.

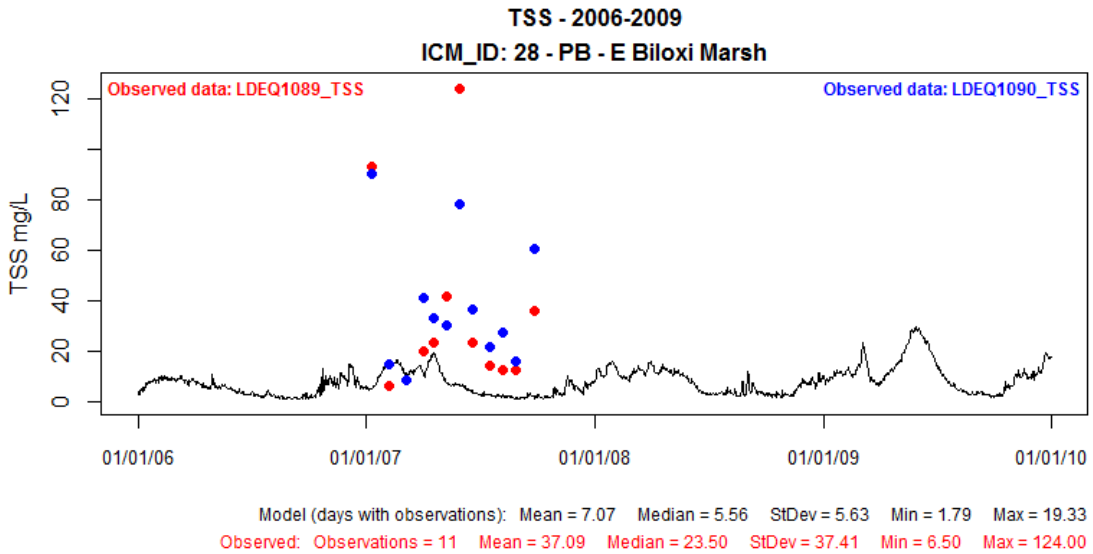

Figure 8: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 28 Compared to Observed Data at LDEQ1089 for Validation Period 2006-2009.

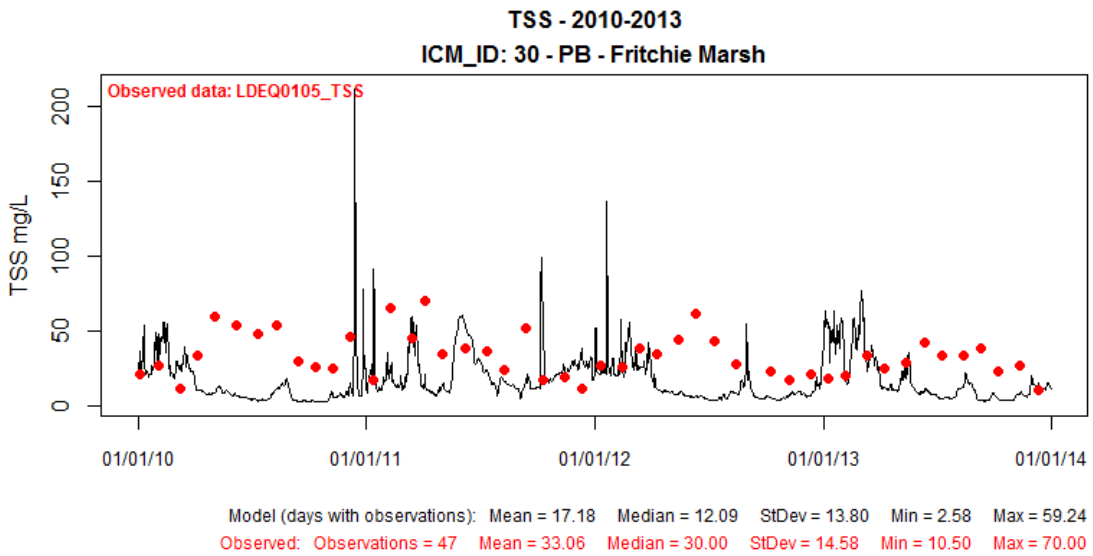

Figure 9: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 30 Compared to Observed Data at LDEQ0105 for Calibration Period 2010-2013.

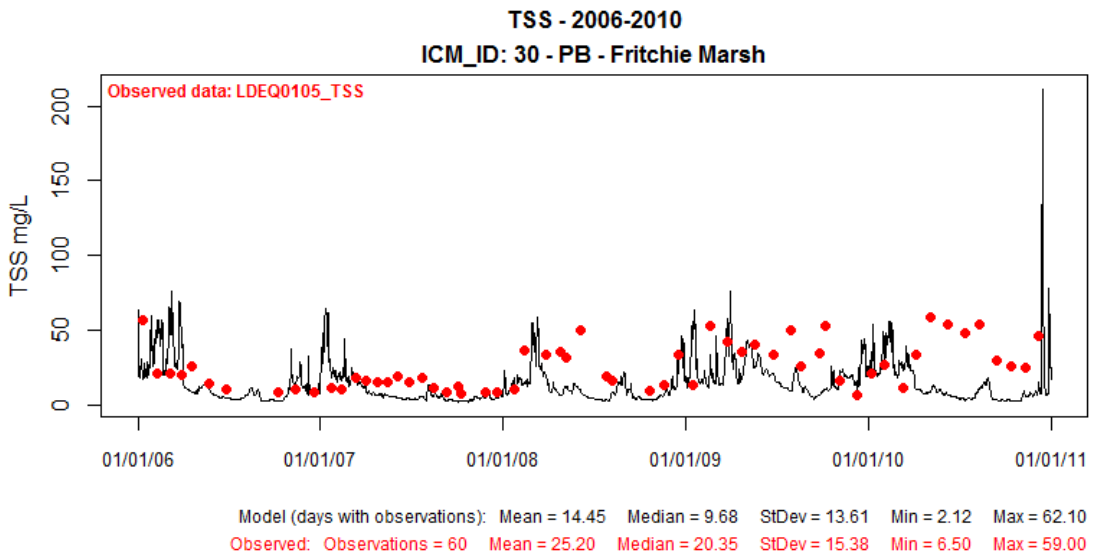

Figure 10: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 30 Compared to Observed Data at LDEQ0105 for Validation Period 2006-2009.

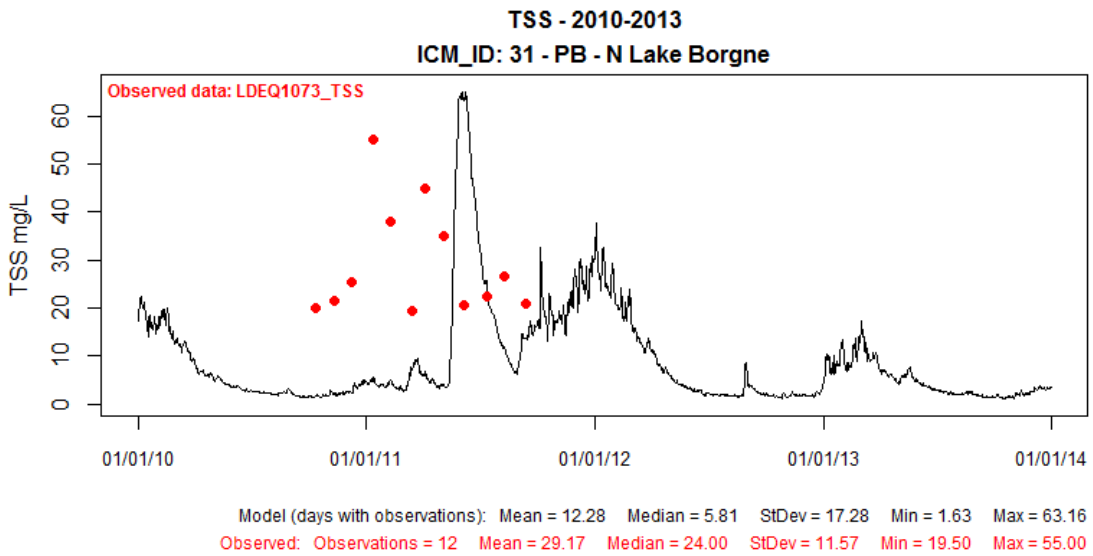

Figure 11: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 31 Compared to Observed Data at LDEQ1073 for Calibration Period 2010-2013.

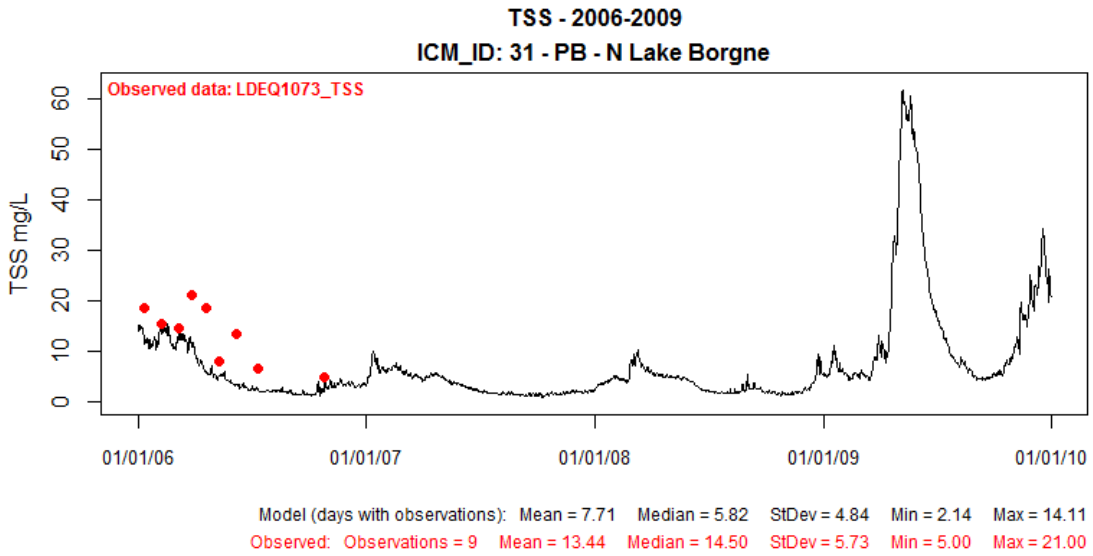

Figure 12: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 31 Compared to Observed Data at LDEQ1073 for Validation Period 2006-2009.

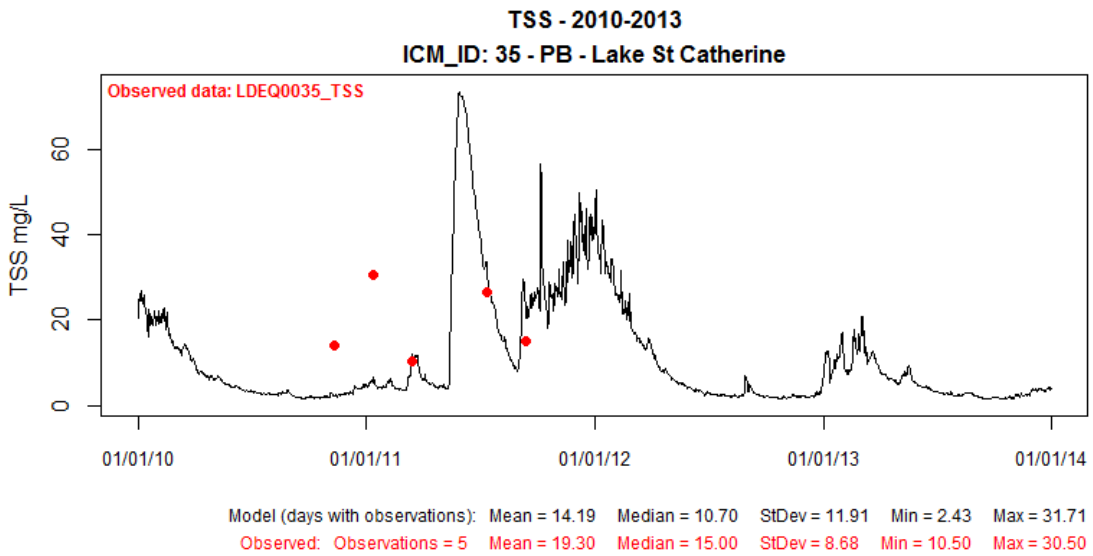

Figure 13: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 35 Compared to Observed Data at LDEQ0035 for Calibration Period 2010-2013.

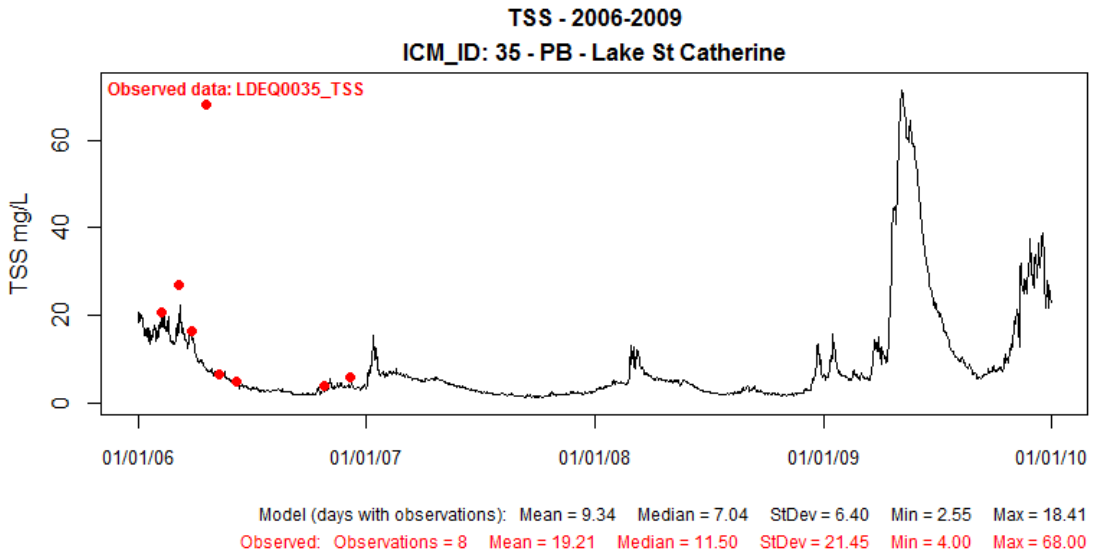

Figure 14: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 35 Compared to Observed Data at LDEQ0035 for Validation Period 2006-2009.

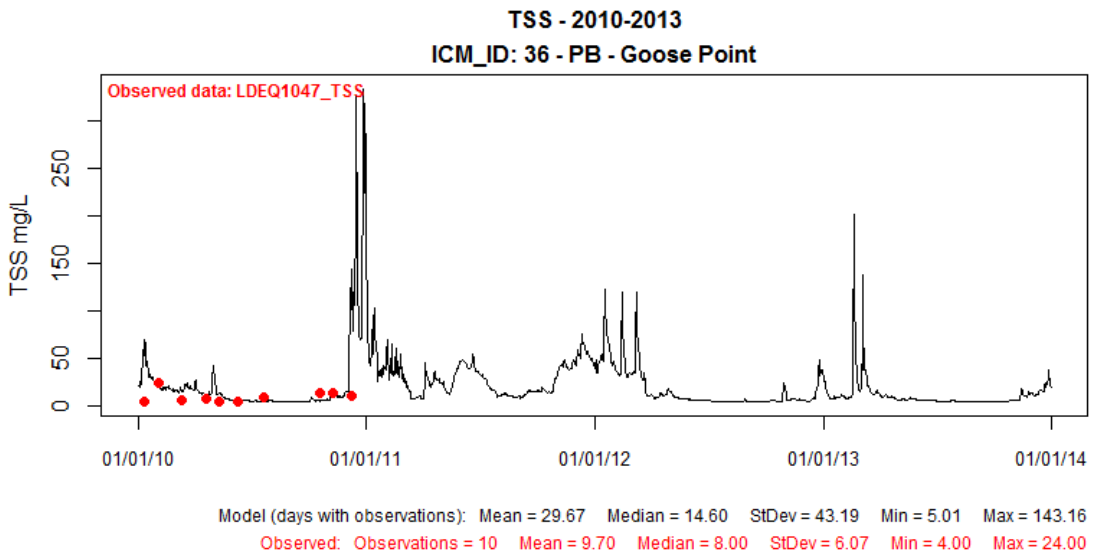

Figure 15: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 36 Compared to Observed Data at LDEQ1047 for Calibration Period 2010-2013.

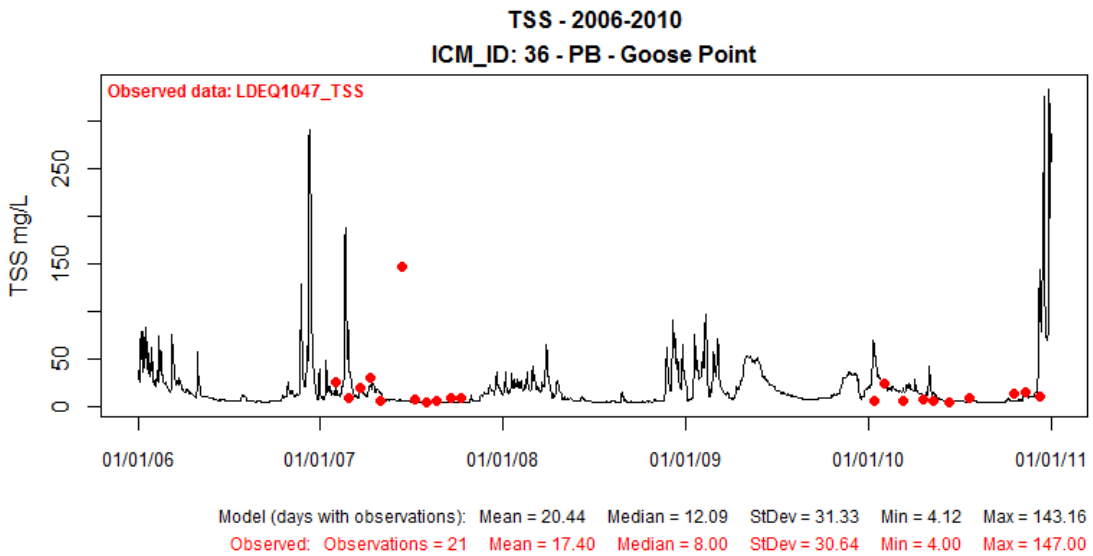

Figure 16: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 36 Compared to Observed Data at LDEQ1047 for Validation Period 2006-2009.

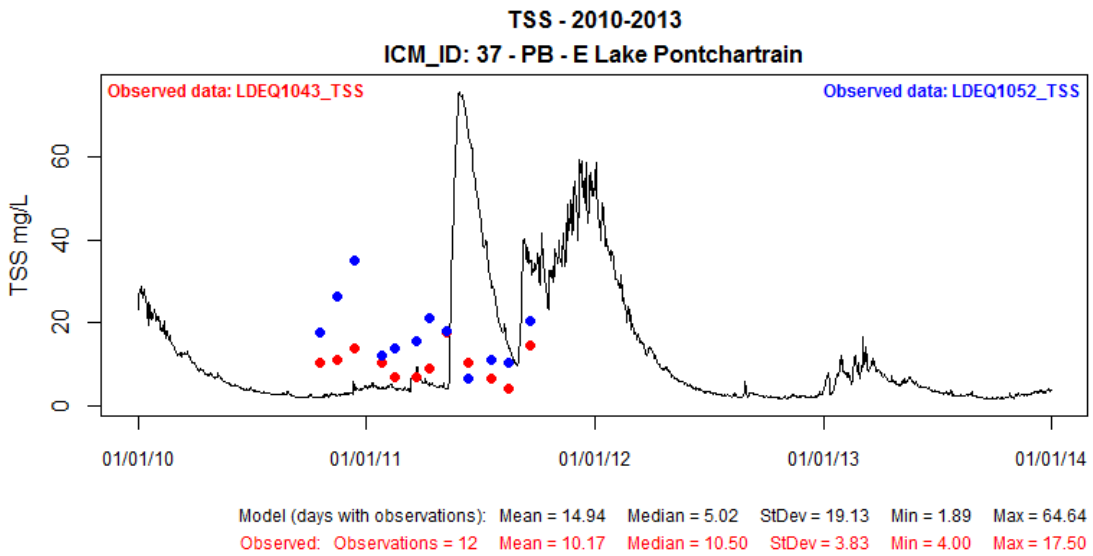

Figure 17: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 37 Compared to Observed Data at LDEQ1043 for Calibration Period 2010-2013.

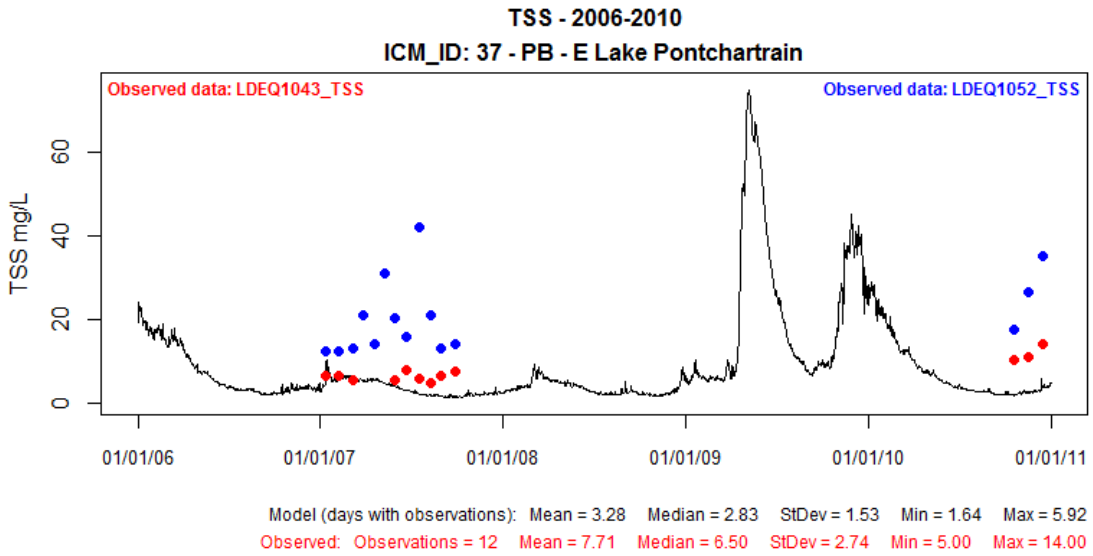

Figure 18: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 37 Compared to Observed Data at LDEQ1043 for Validation Period 2006-2009.

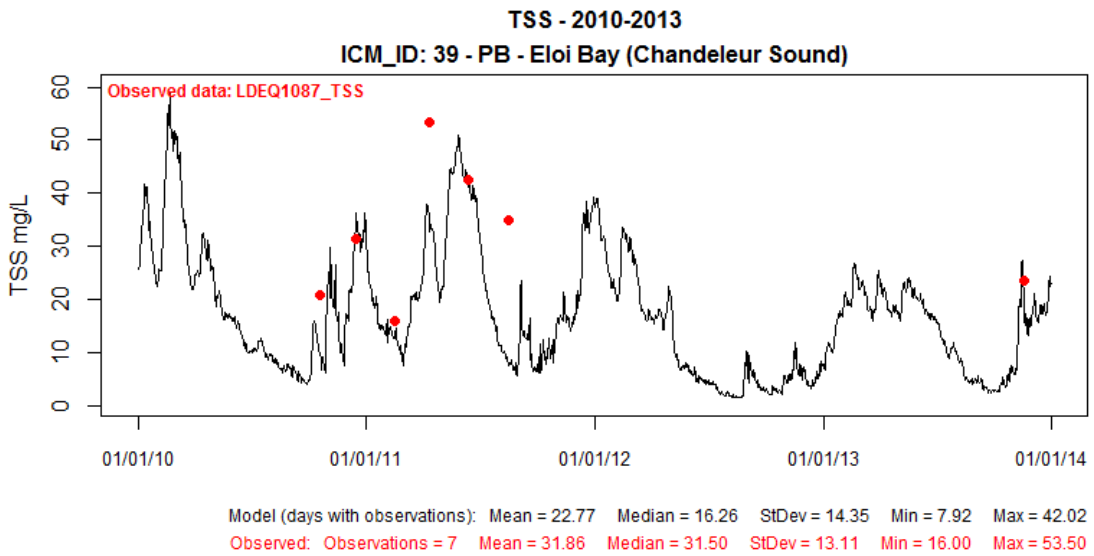

Figure 19: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 39 Compared to Observed Data at LDEQ1087 for Calibration Period 2010-2013.

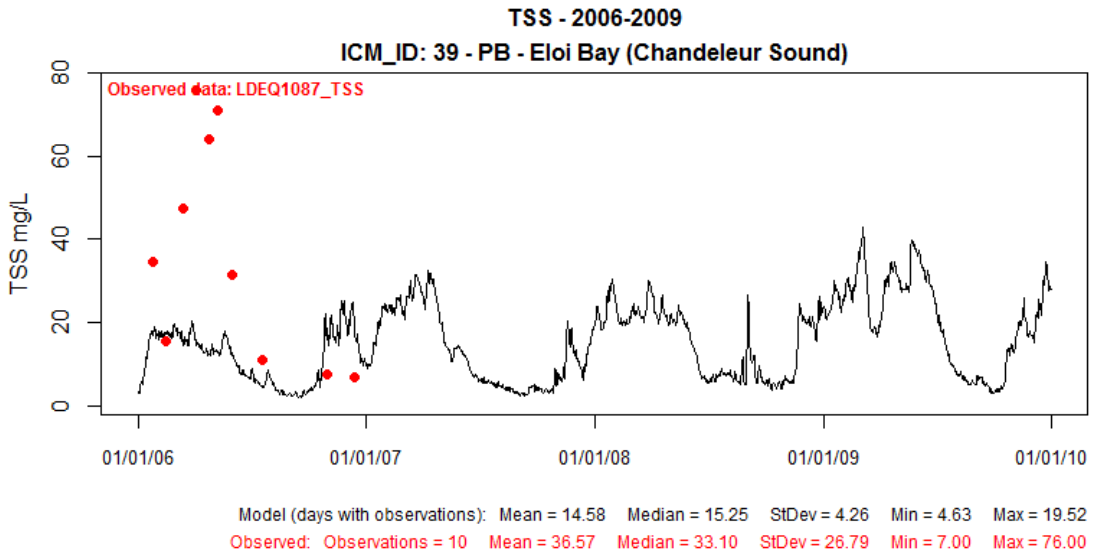

Figure 20: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 39 Compared to Observed Data at LDEQ1087 for Validation Period 2006-2009.

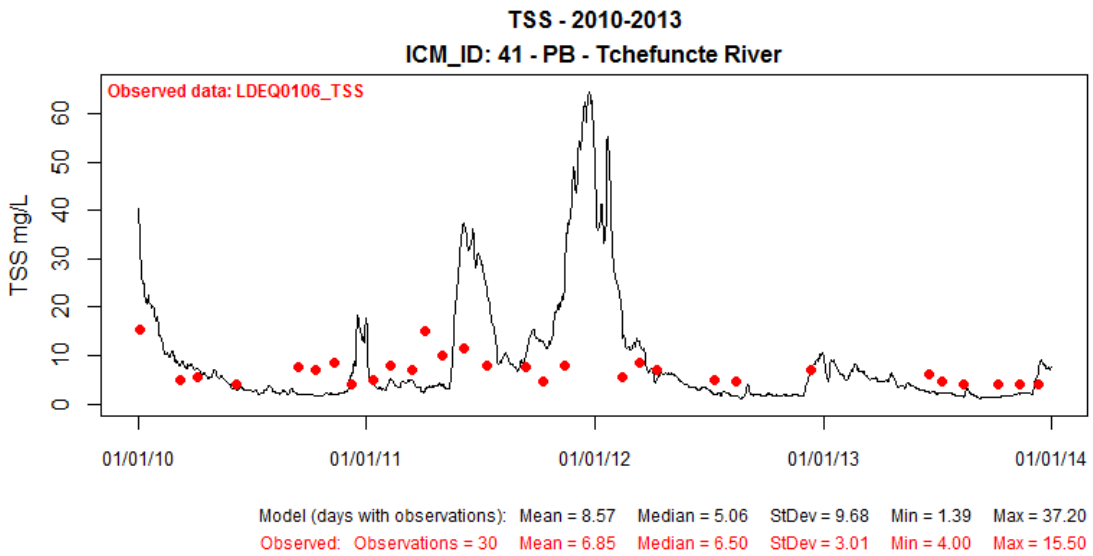

Figure 21: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 41 Compared to Observed Data at LDEQ0106 for Calibration Period 2010-2013.

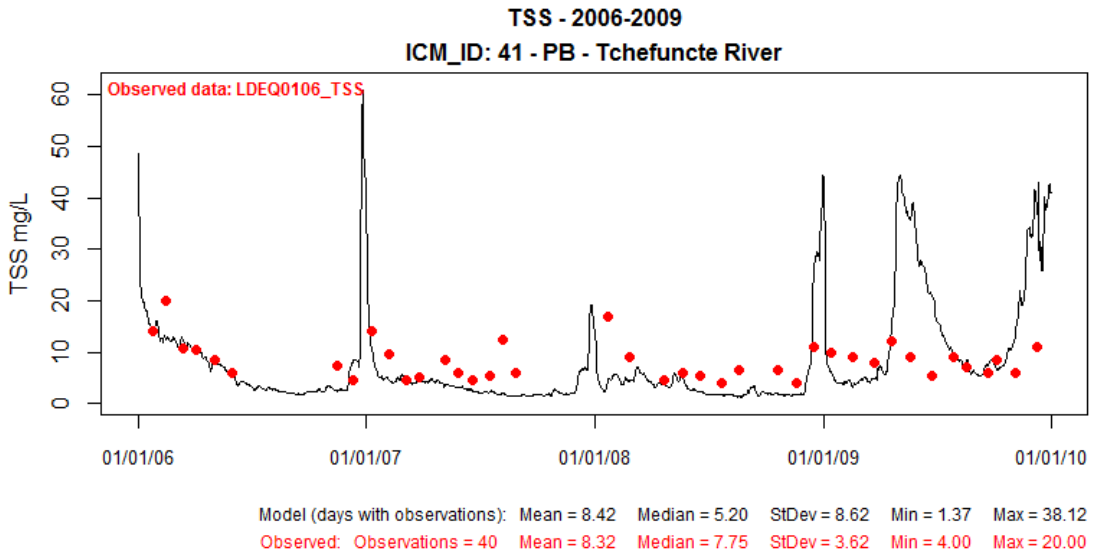

Figure 22: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 41 Compared to Observed Data at LDEQ0106 for Validation Period 2006-2009.

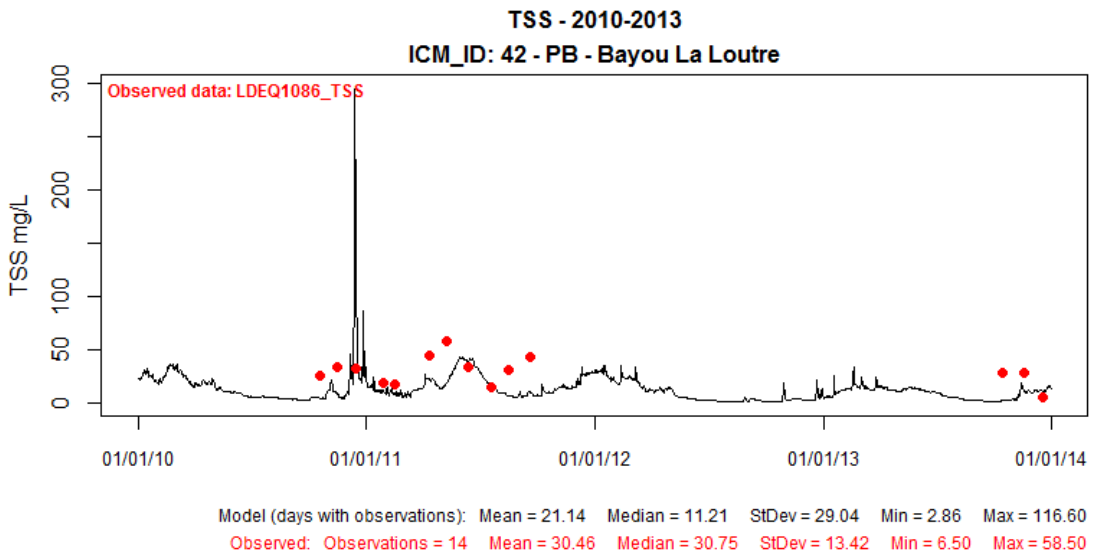

Figure 23: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 42 Compared to Observed Data at LDEQ1086 for Calibration Period 2010-2013.

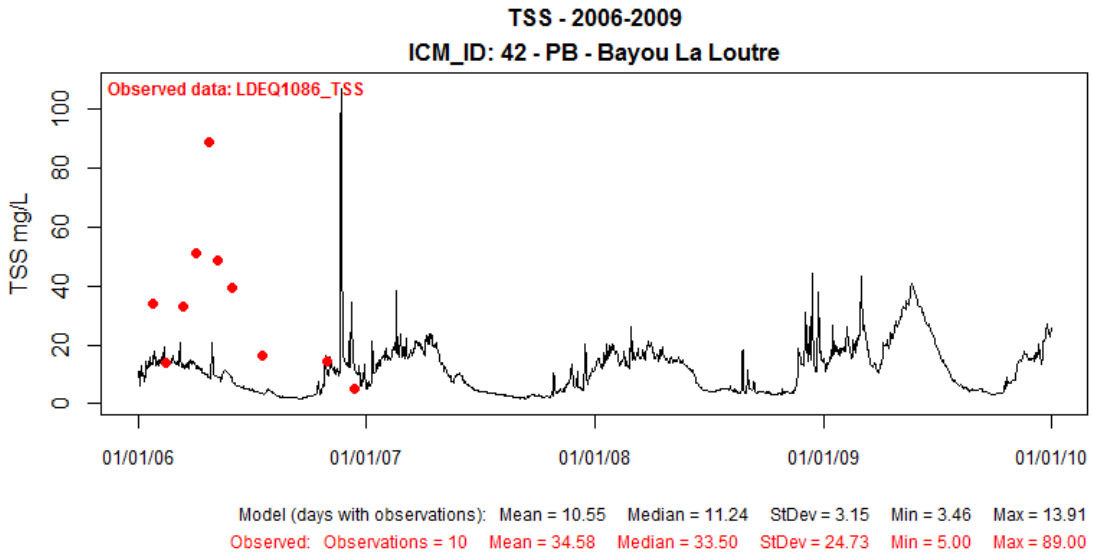

Figure 24: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 42 Compared to Observed Data at LDEQ1086 for Validation Period 2006-2009.

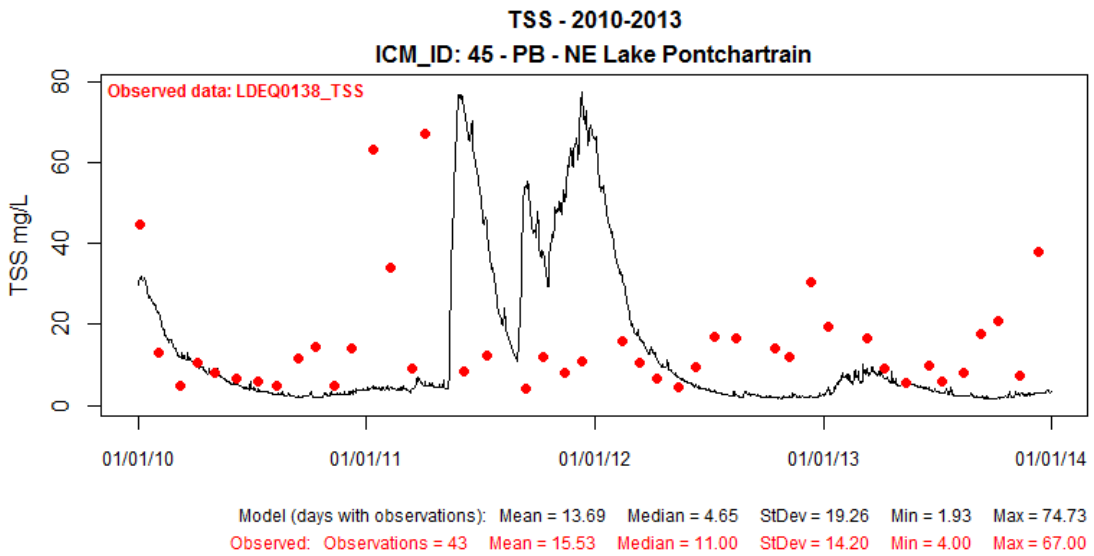

Figure 25: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 45 Compared to Observed Data at LDEQ0138 for Calibration Period 2010-2013.

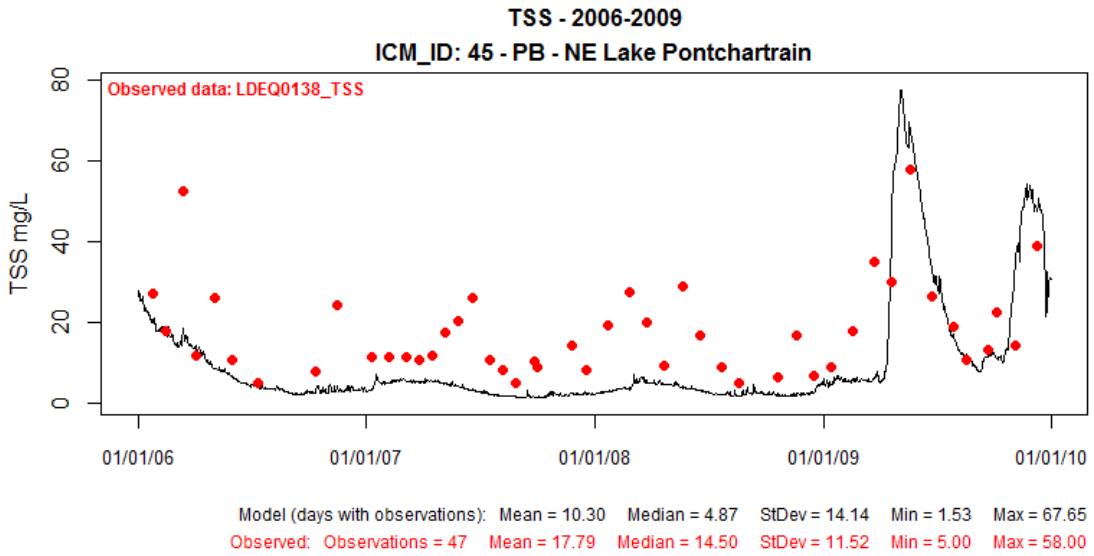

Figure 26: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 45 Compared to Observed Data at LDEQ0138 for Validation Period 2006-2009.

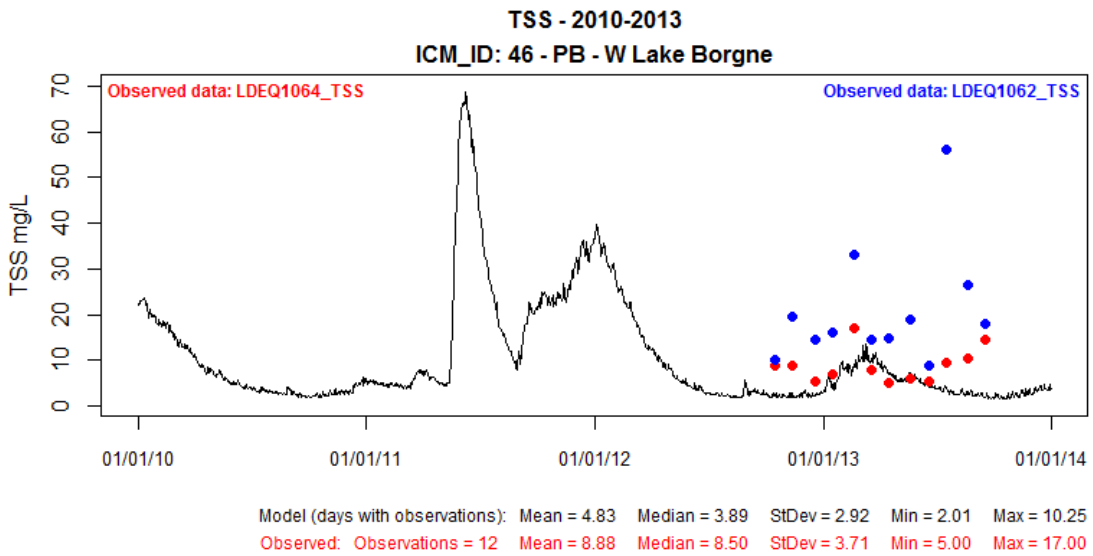

Figure 27: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 46 Compared to Observed Data at LDEQ1064 for Calibration Period 2010-2013.

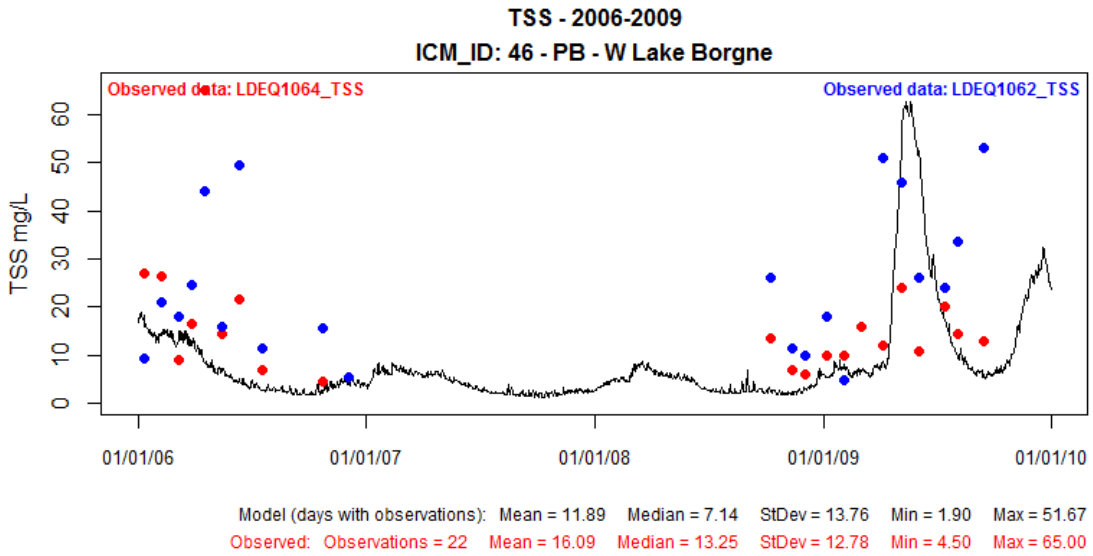

Figure 28: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 46 Compared to Observed Data at LDEQ1064 for Validation Period 2006-2009.

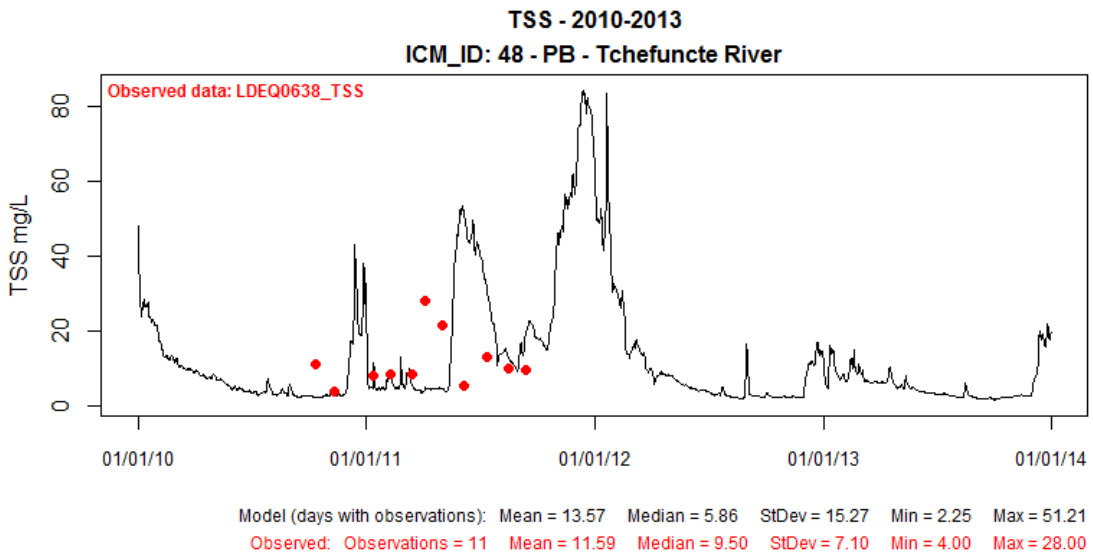

Figure 29: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 48 Compared to Observed Data at LDEQ0638 for Calibration Period 2010-2013.

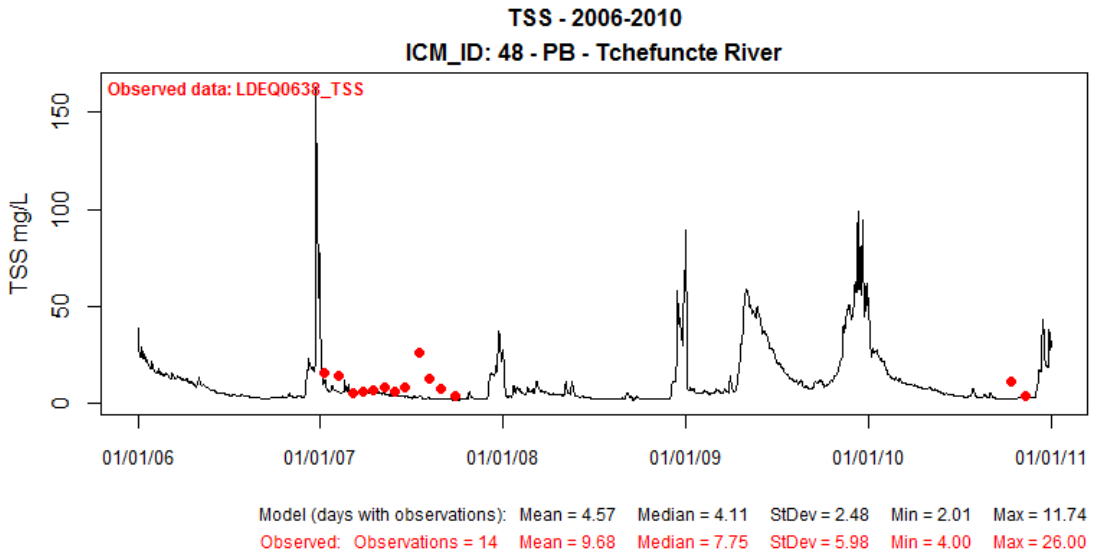

Figure 30: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 48 Compared to Observed Data at LDEQ0638 for Validation Period 2006-2009.

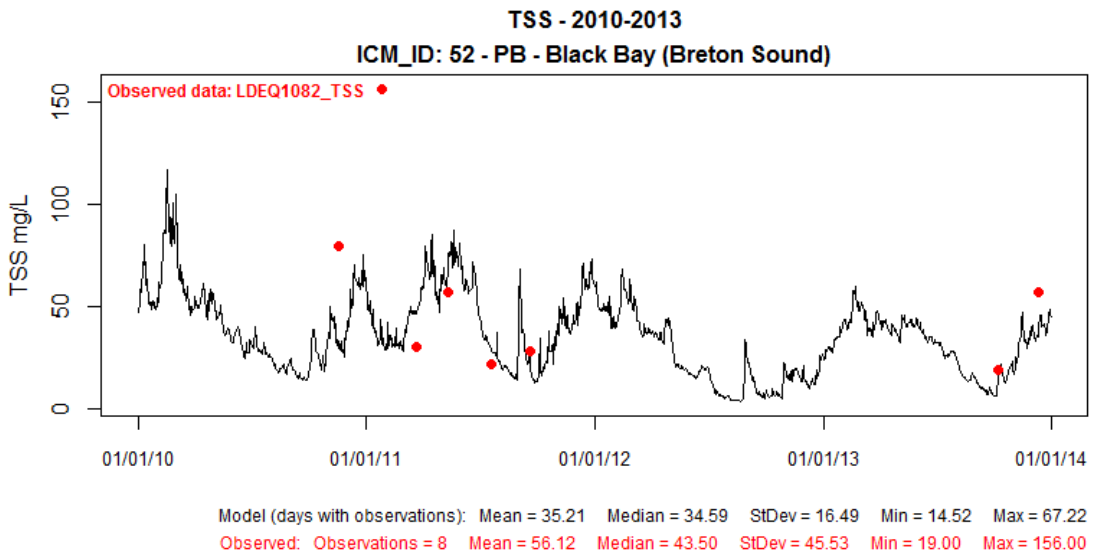

Figure 31: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 52 Compared to Observed Data at LDEQ1082 for Calibration Period 2010-2013.

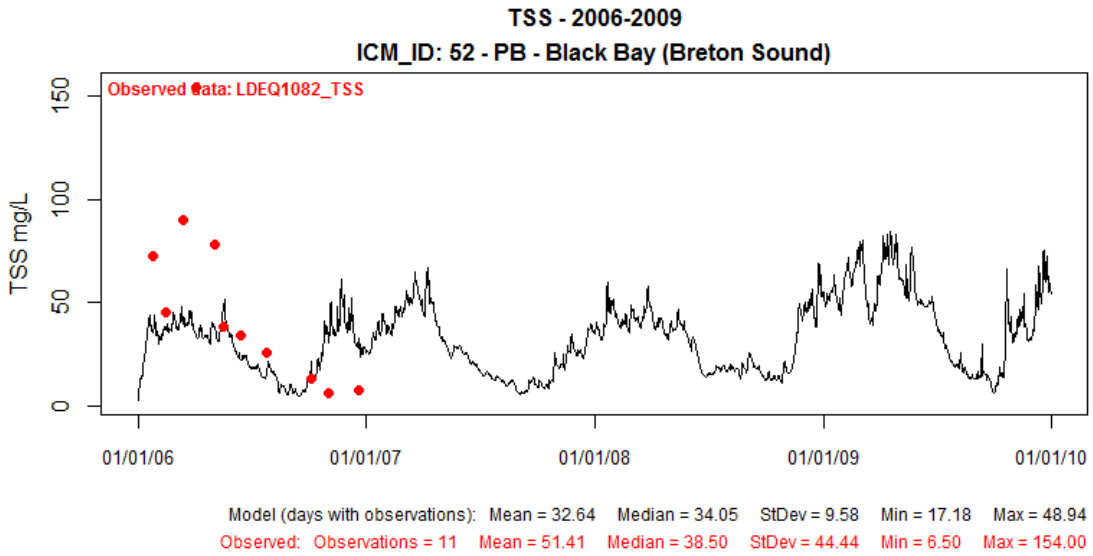

Figure 32: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 52 Compared to Observed Data at LDEQ1082 for Validation Period 2006-2009.

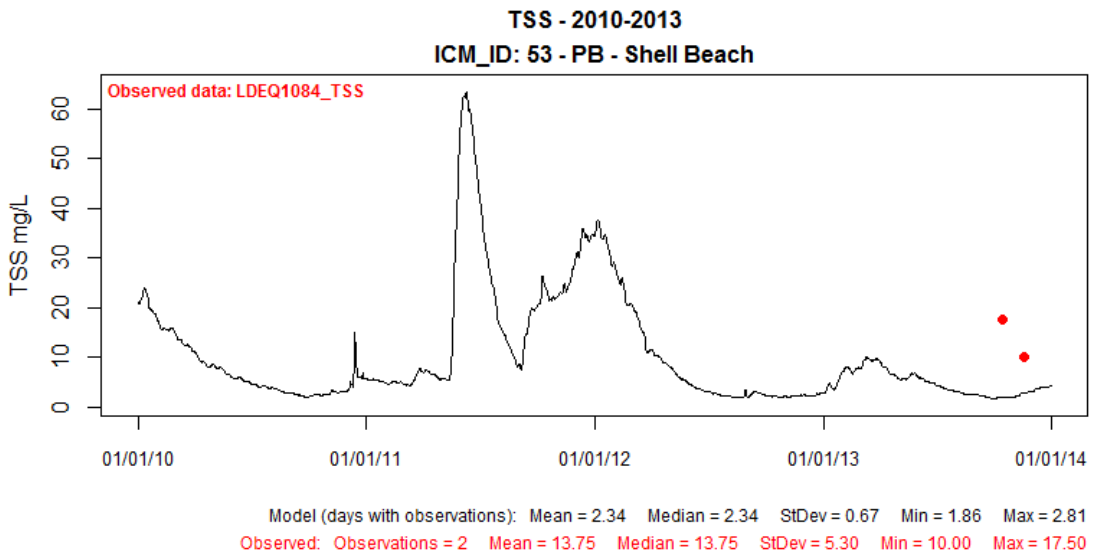

Figure 33: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 53 Compared to Observed Data at LDEQ1084 for Calibration Period 2010-2013.

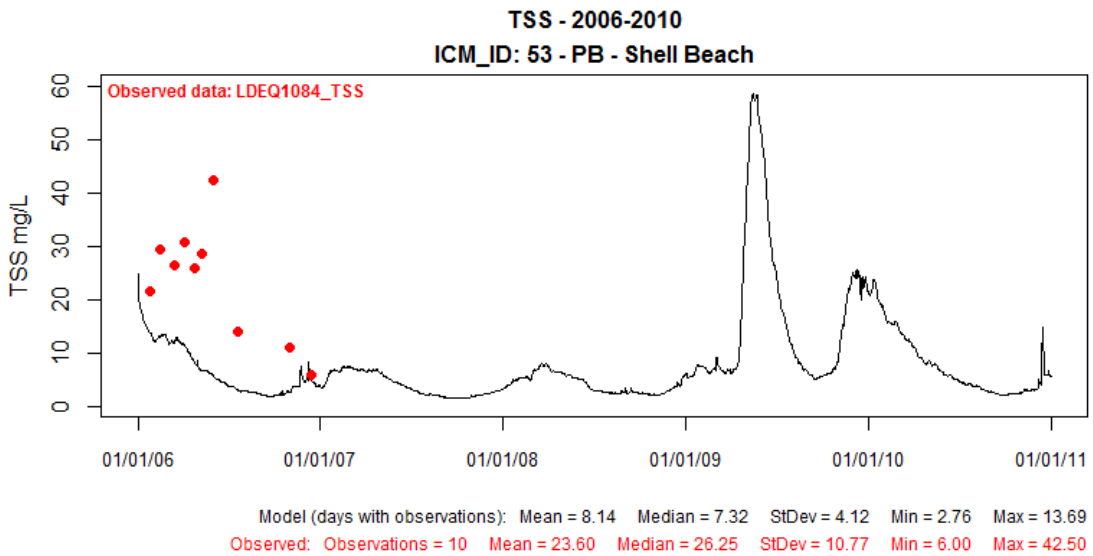

Figure 34: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 53 Compared to Observed Data at LDEQ1084 for Validation Period 2006-2009.

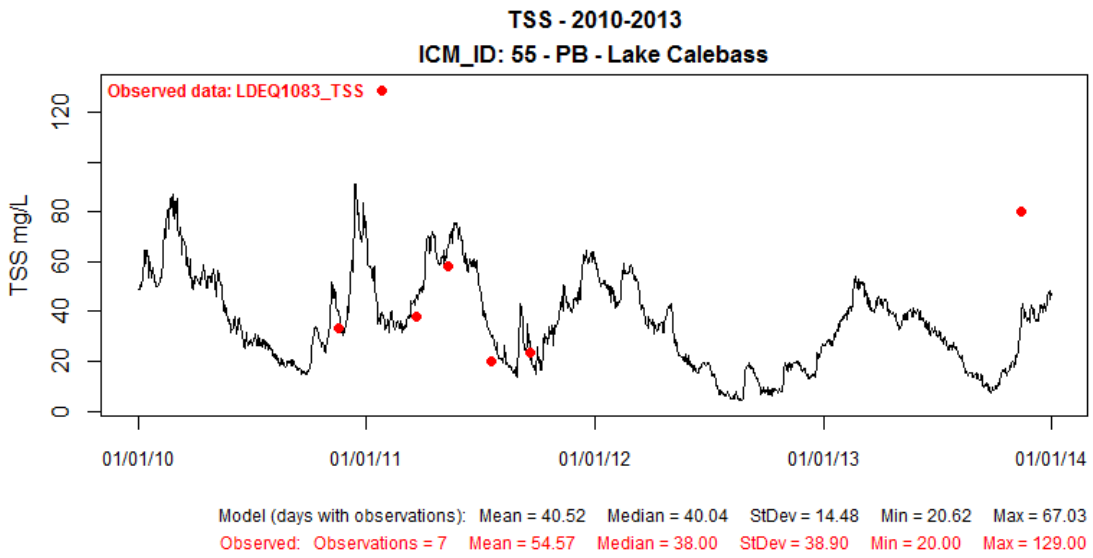

Figure 35: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 55 Compared to Observed Data at LDEQ1083 for Calibration Period 2010-2013.

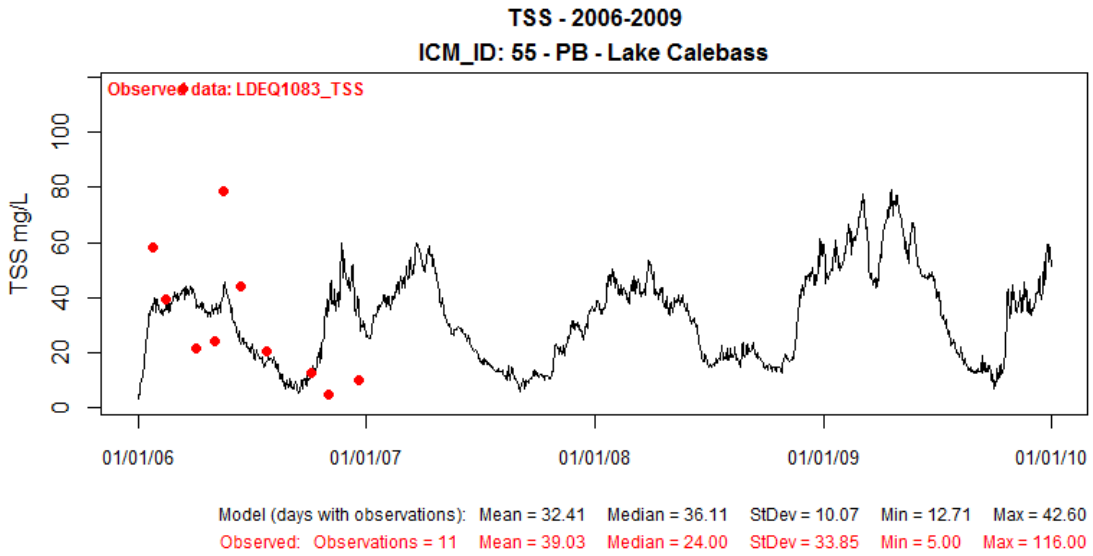

Figure 36: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 55 Compared to Observed Data at LDEQ1083 for Validation Period 2006-2009.

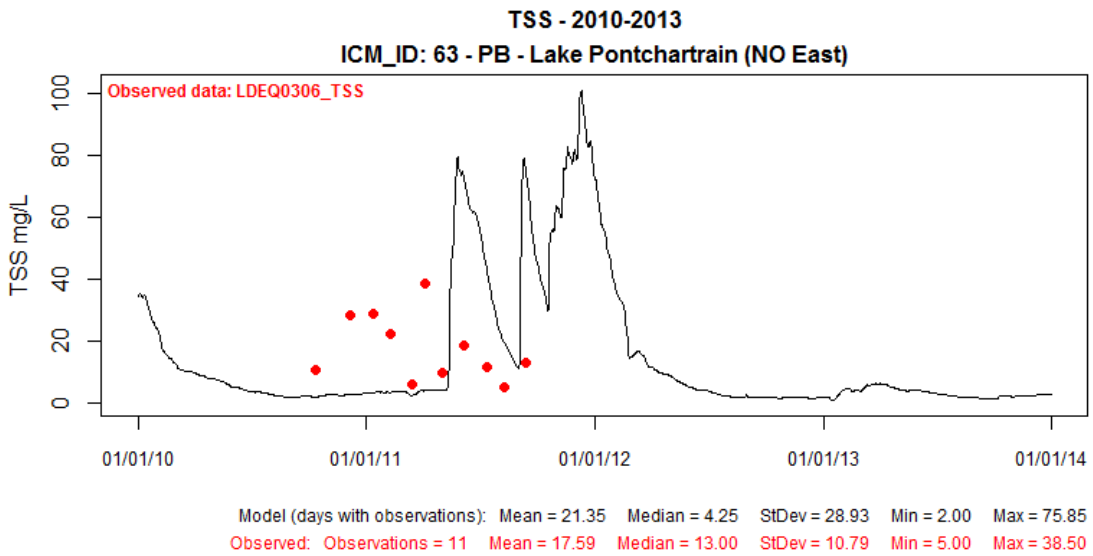

Figure 37: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 63 Compared to Observed Data at LDEQ0306 for Calibration Period 2010-2013.

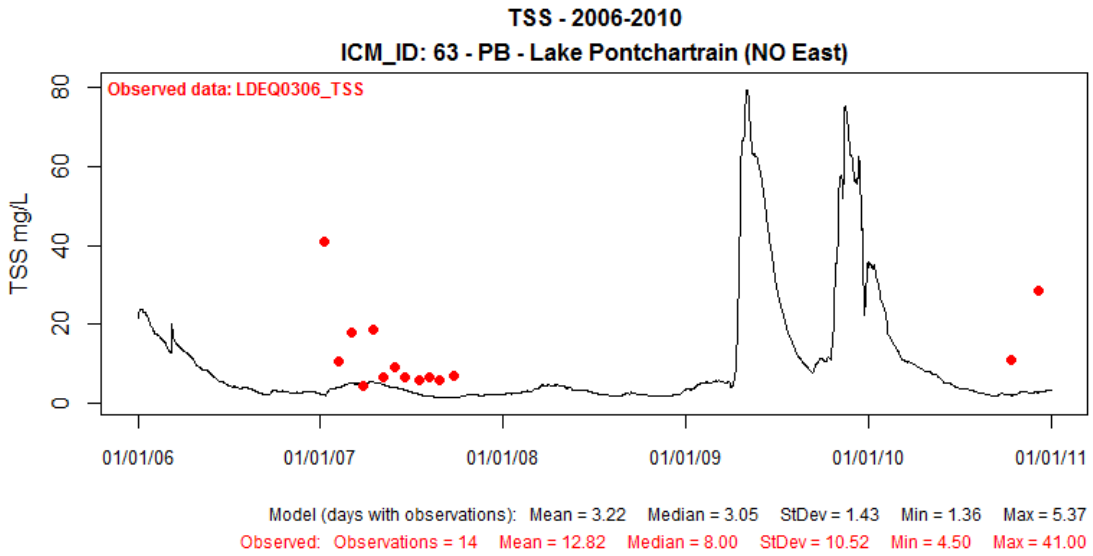

Figure 38: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 63 Compared to Observed Data at LDEQ0306 for Validation Period 2006-2009.

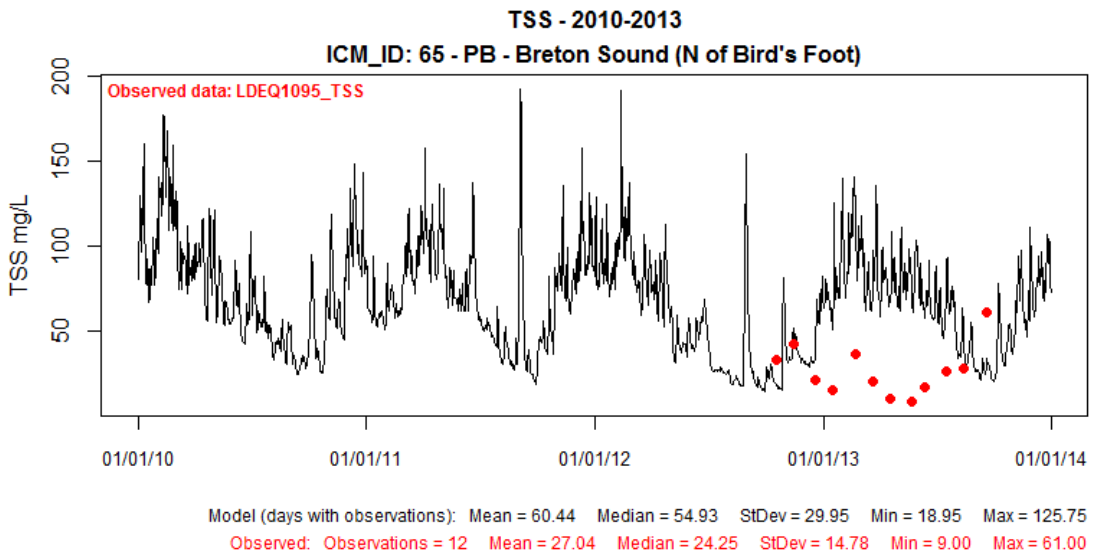

Figure 39: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 65 Compared to Observed Data at LDEQ1095 for Calibration Period 2010-2013.

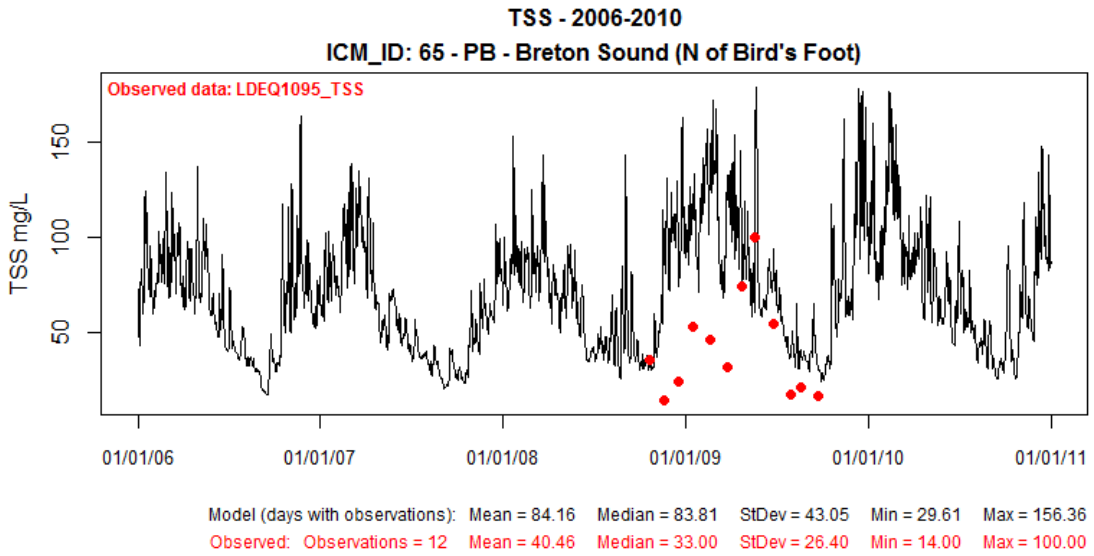

Figure 40: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 65 Compared to Observed Data at LDEQ1095 for Validation Period 2006-2009.

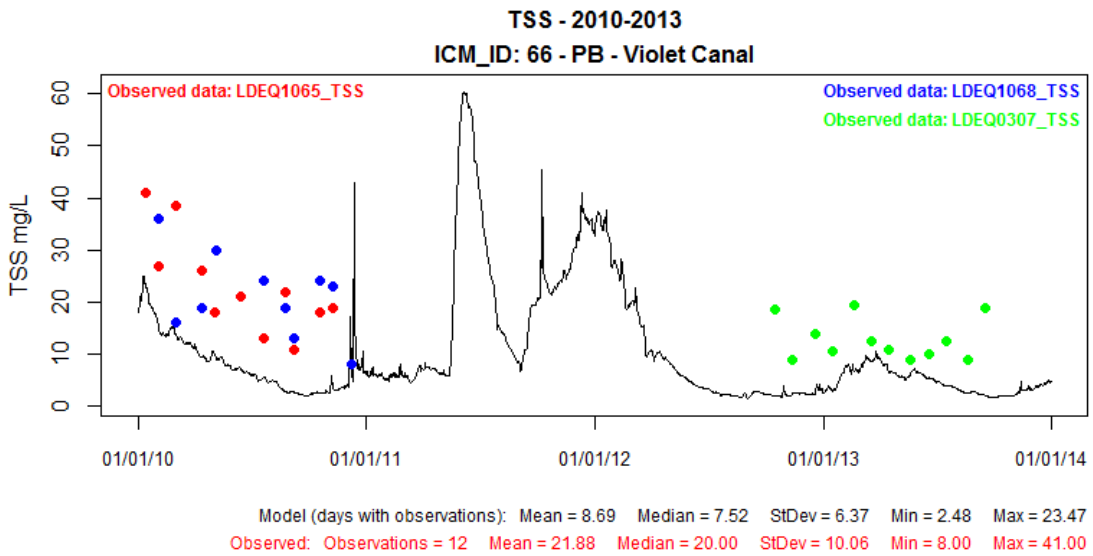

Figure 41: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 66 Compared to Observed Data at LDEQ1065 for Calibration Period 2010-2013.

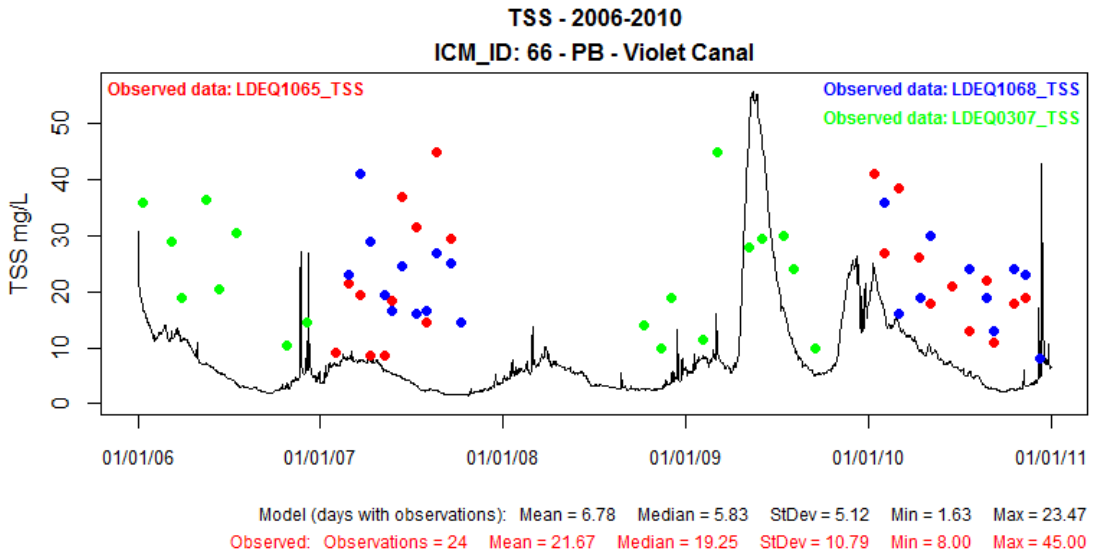

Figure 42: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 66 Compared to Observed Data at LDEQ1065 for Validation Period 2006-2009.

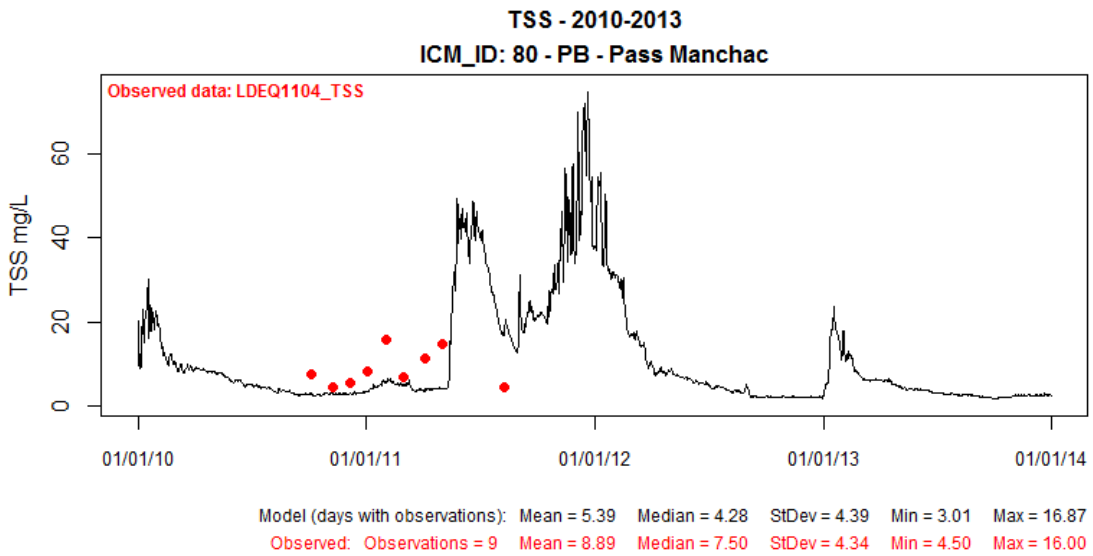

Figure 43: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 80 Compared to Observed Data at LDEQ1104 for Calibration Period 2010-2013.

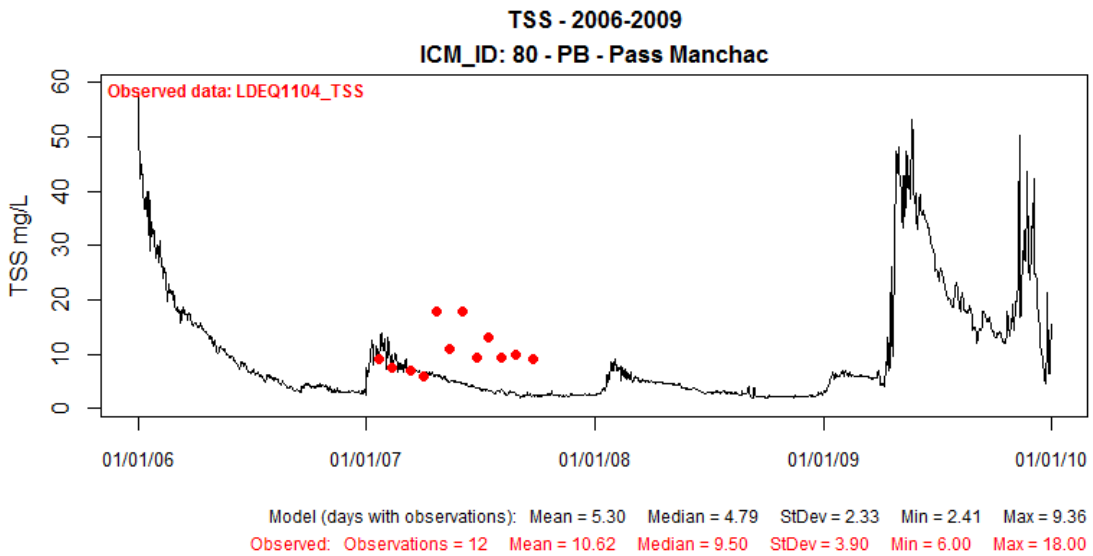

Figure 44: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 80 Compared to Observed Data at LDEQ1104 for Validation Period 2006-2009.

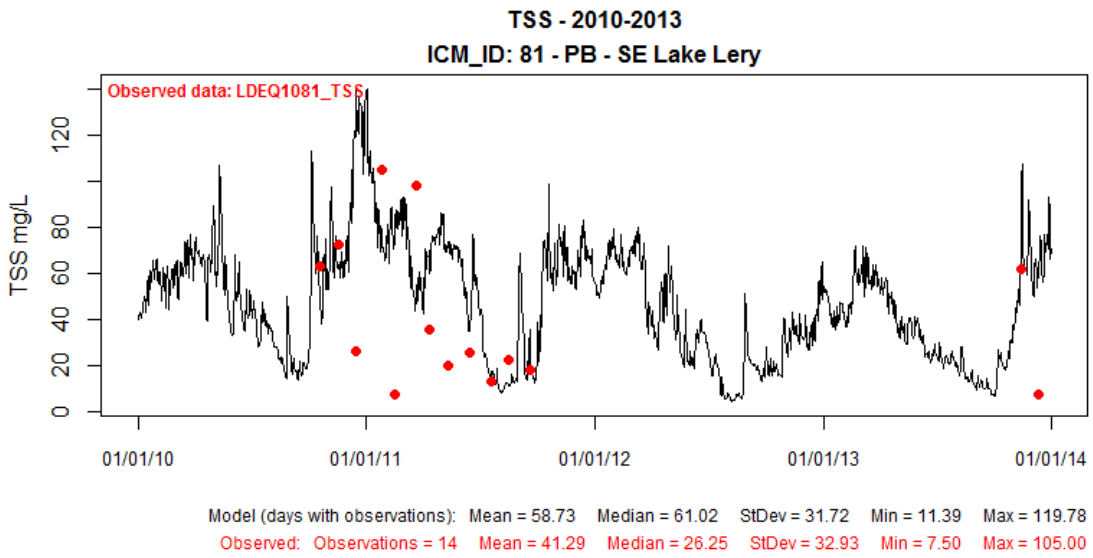

Figure 45: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 81 Compared to Observed Data at LDEQ1081 for Calibration Period 2010-2013.

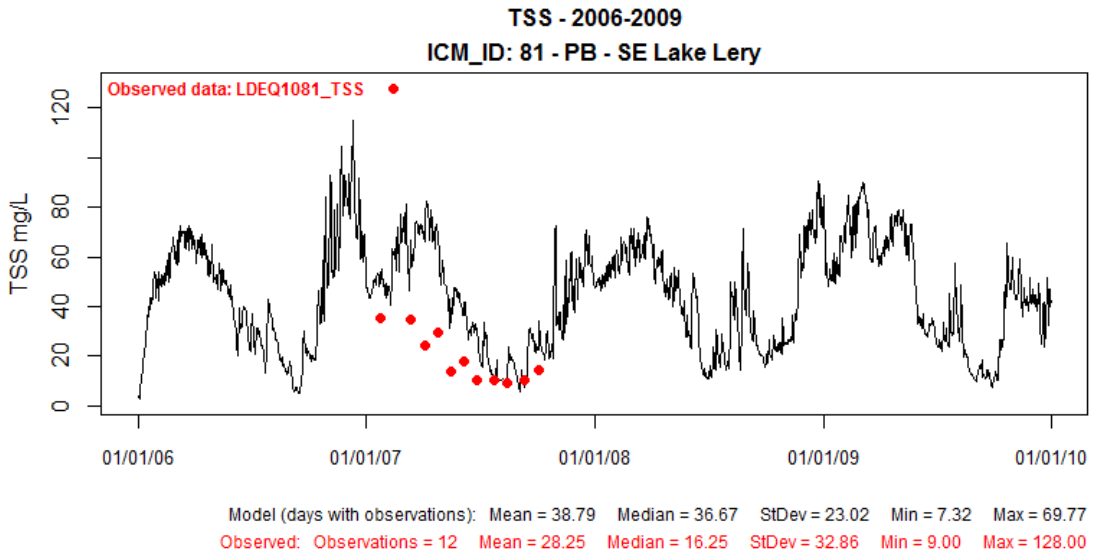

Figure 46: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 81 Compared to Observed Data at LDEQ1081 for Validation Period 2006-2009.

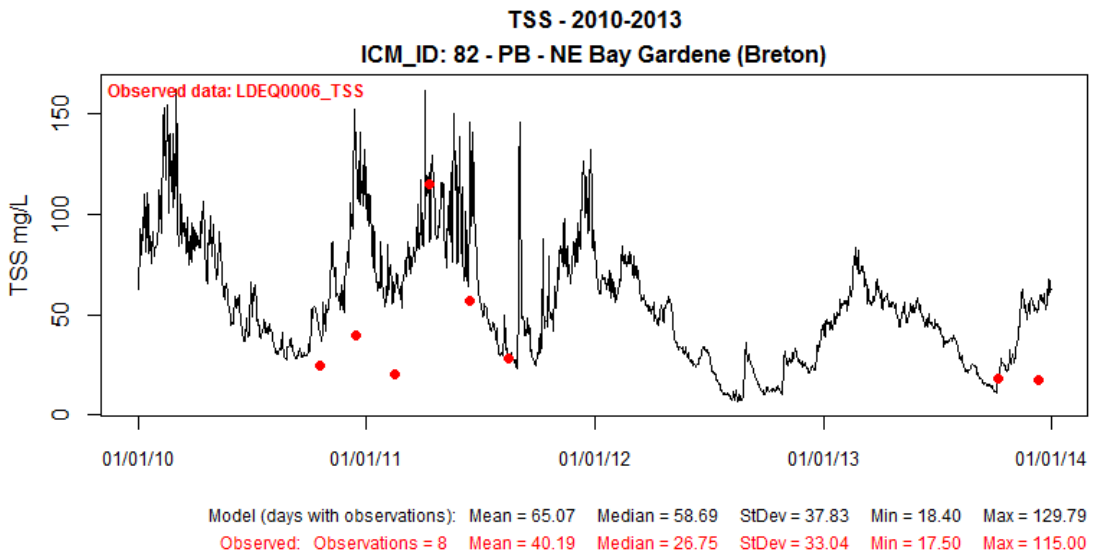

Figure 47: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 82 Compared to Observed Data at LDEQ0006 for Calibration Period 2010-2013.

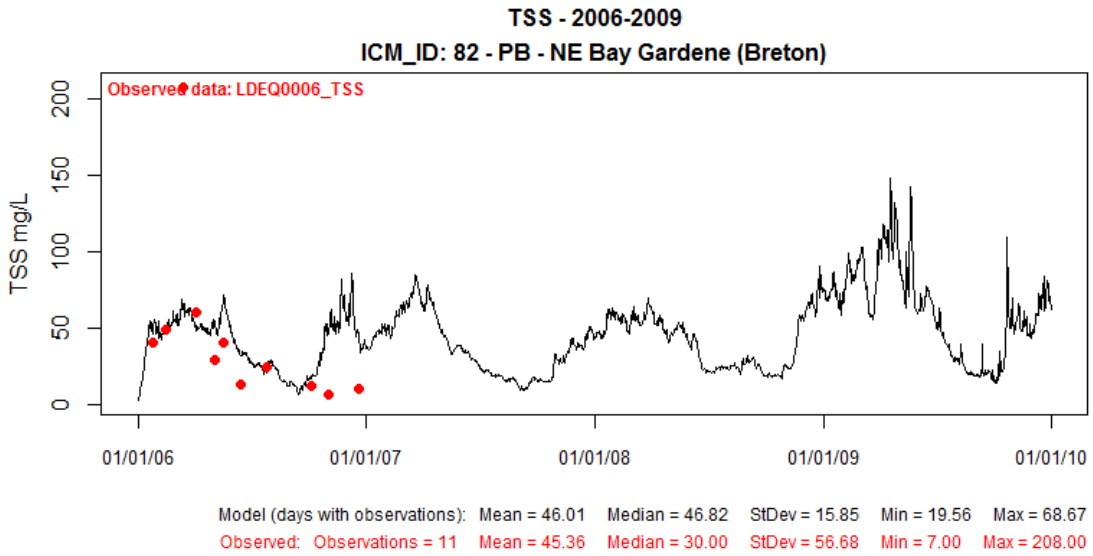

Figure 48: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 82 Compared to Observed Data at LDEQ0006 for Validation Period 2006-2009.

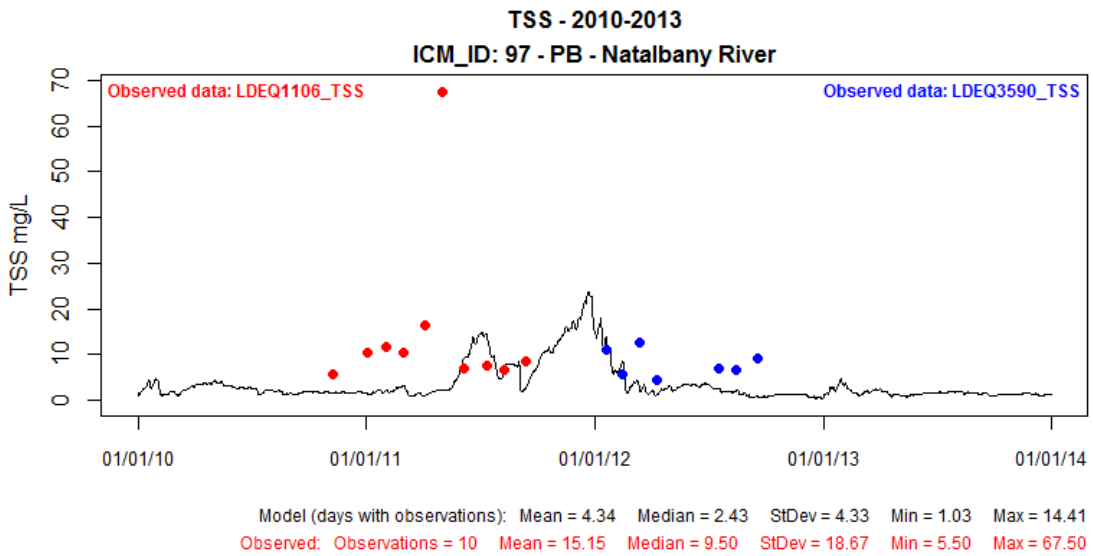

Figure 49: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 97 Compared to Observed Data at LDEQ1106 for Calibration Period 2010-2013.

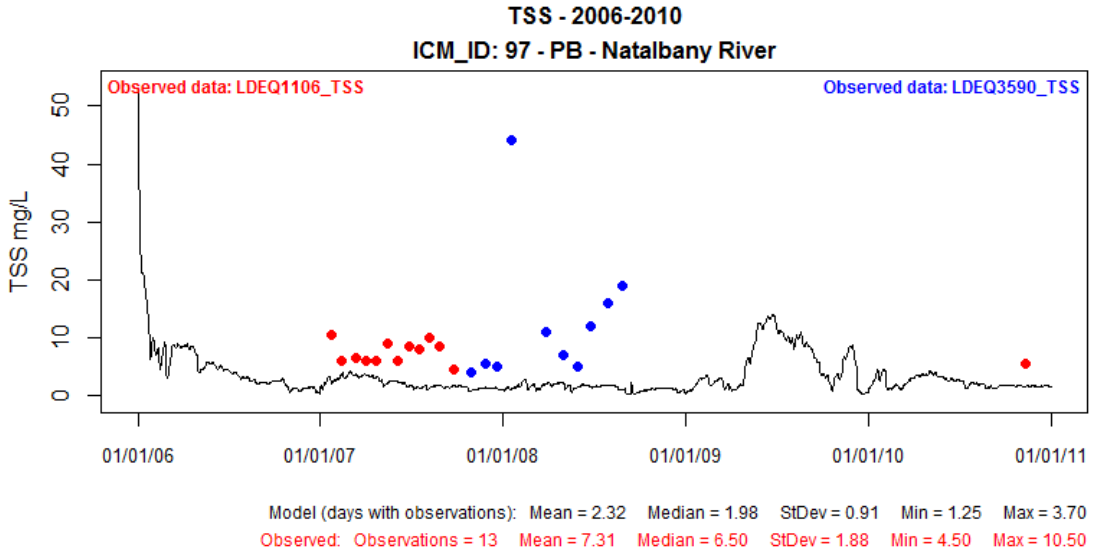

Figure 50: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 97 Compared to Observed Data at LDEQ1106 for Validation Period 2006-2009.

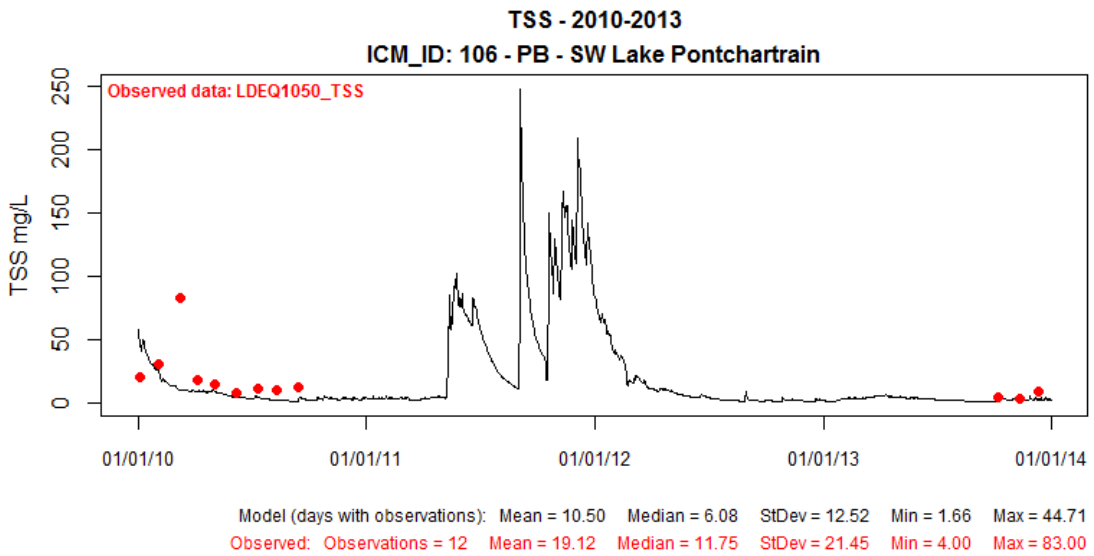

Figure 51: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 106 Compared to Observed Data at LDEQ1050 for Calibration Period 2010-2013.

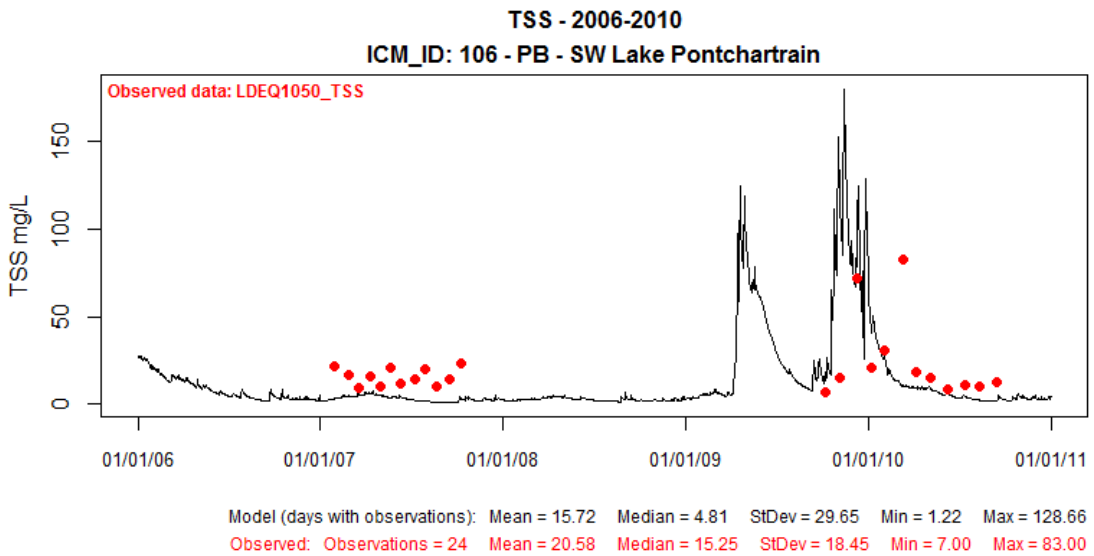

Figure 52: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 106 Compared to Observed Data at LDEQ1050 for Validation Period 2006-2009.

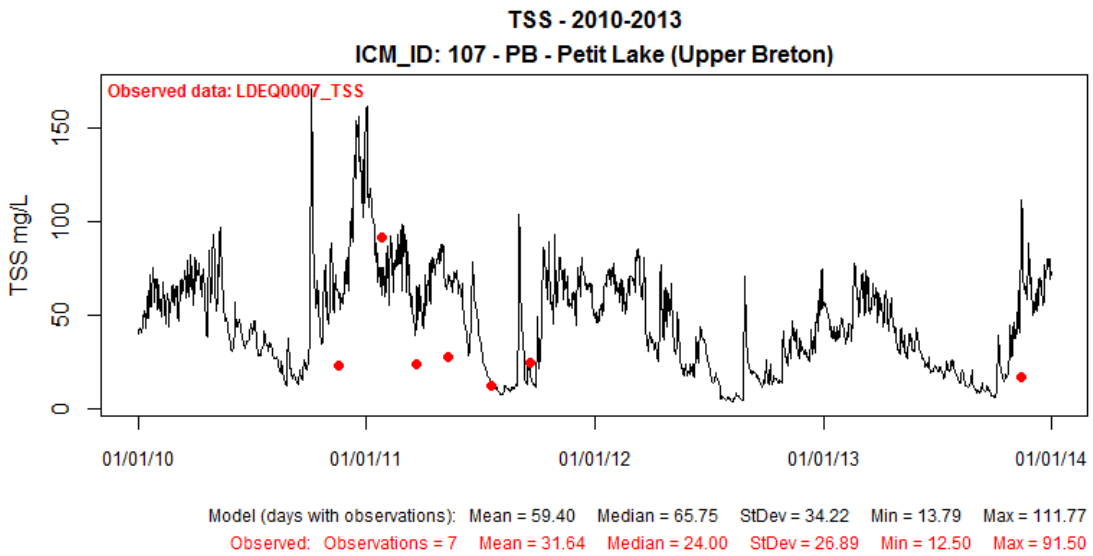

Figure 53: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 107 Compared to Observed Data at LDEQ0007 for Calibration Period 2010-2013.

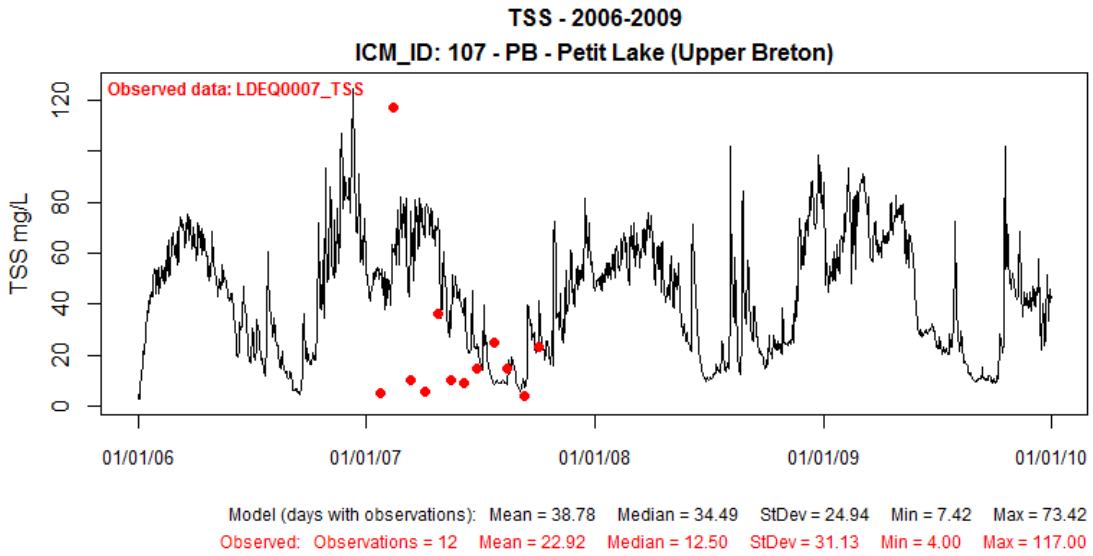

Figure 54: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 107 Compared to Observed Data at LDEQ0007 for Validation Period 2006-2009.

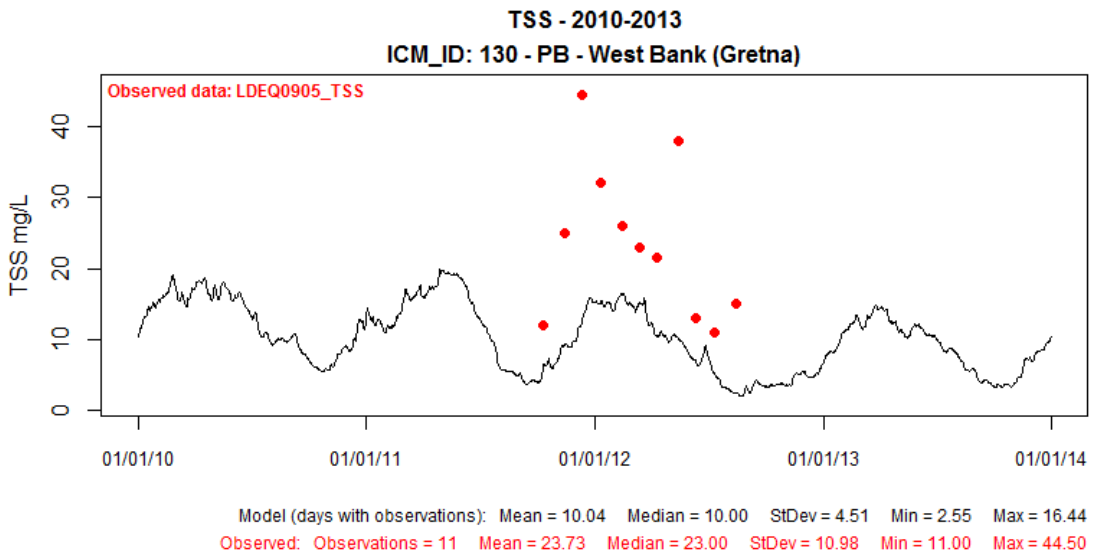

Figure 55: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 130 Compared to Observed Data at LDEQ0905 for Calibration Period 2010-2013.

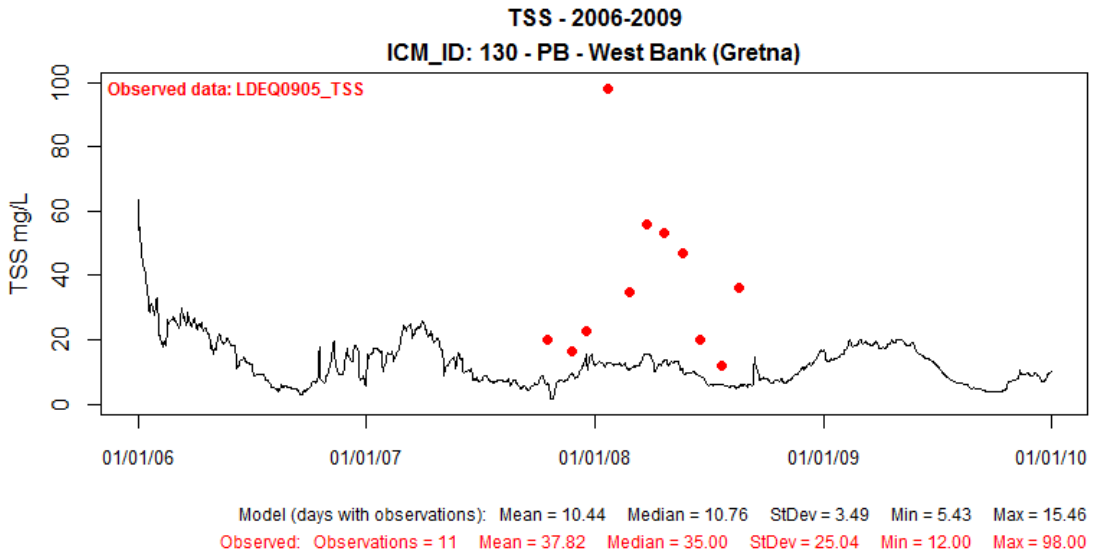

Figure 56: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 130 Compared to Observed Data at LDEQ0905 for Validation Period 2006-2009.

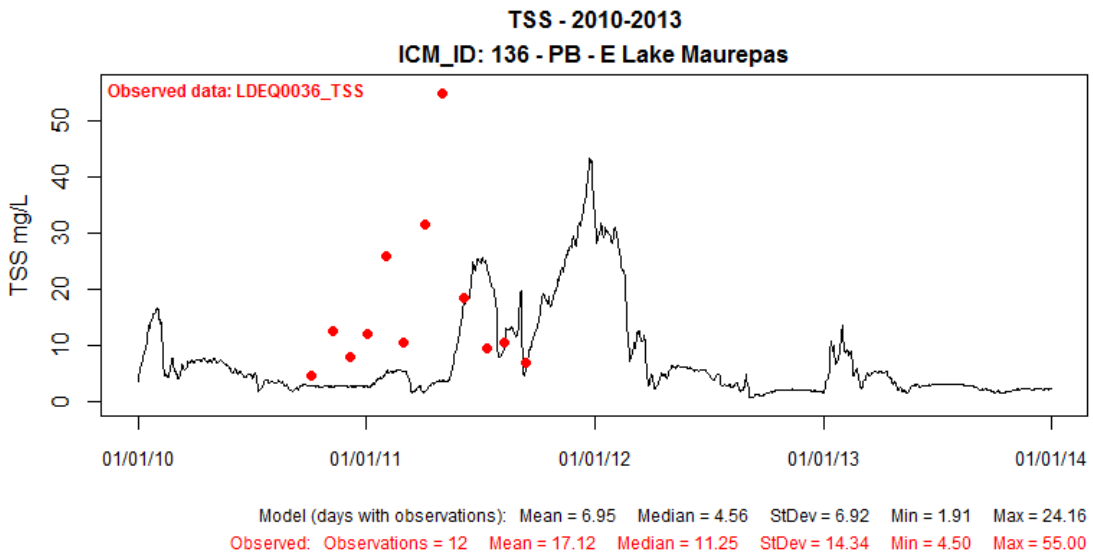

Figure 57: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 136 Compared to Observed Data at LDEQ0036 for Calibration Period 2010-2013.

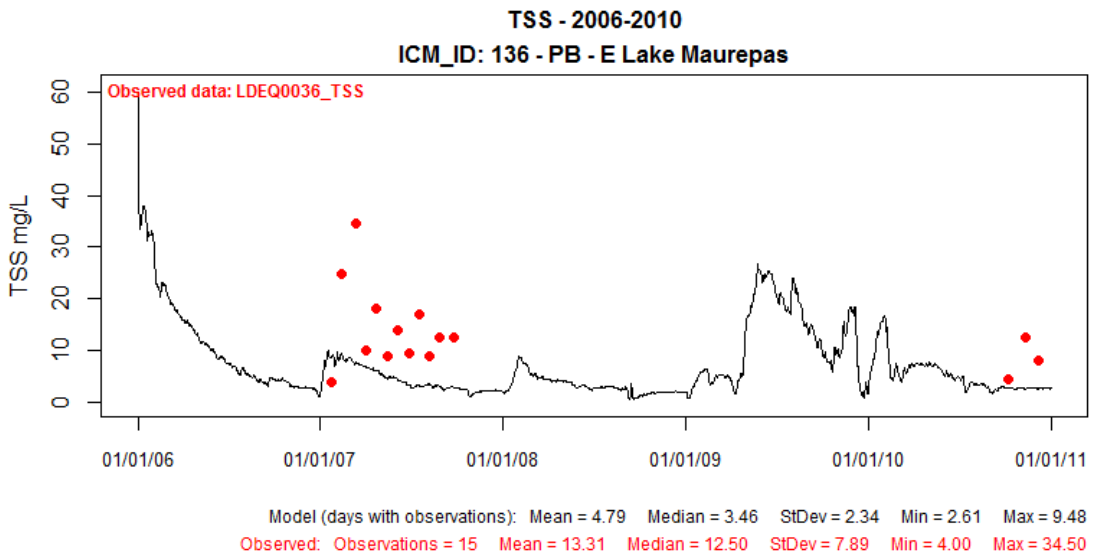

Figure 58: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 136 Compared to Observed Data at LDEQ0036 for Validation Period 2006-2009.

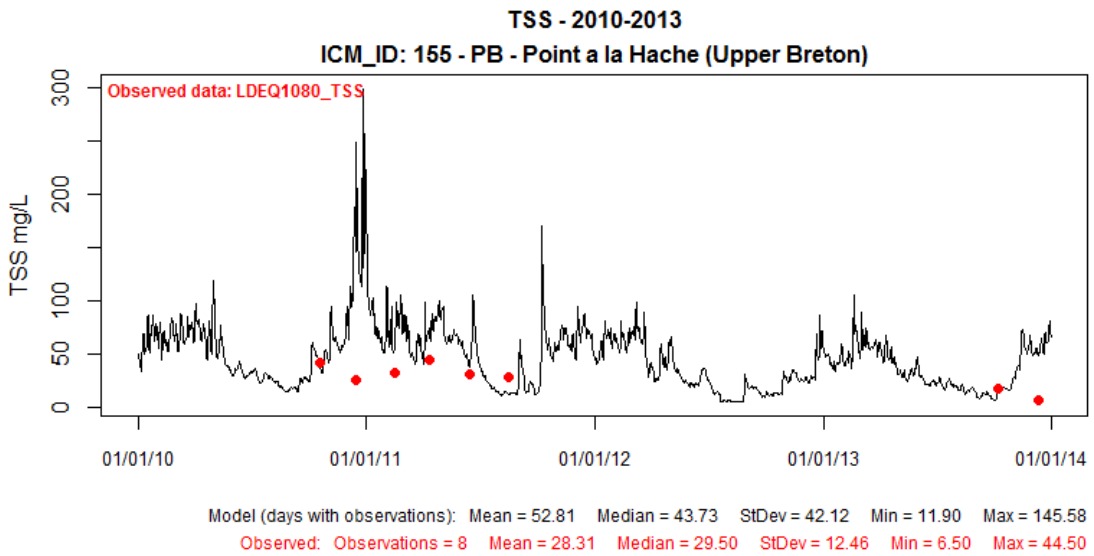

Figure 59: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 155 Compared to Observed Data at LDEQ1080 for Calibration Period 2010-2013.

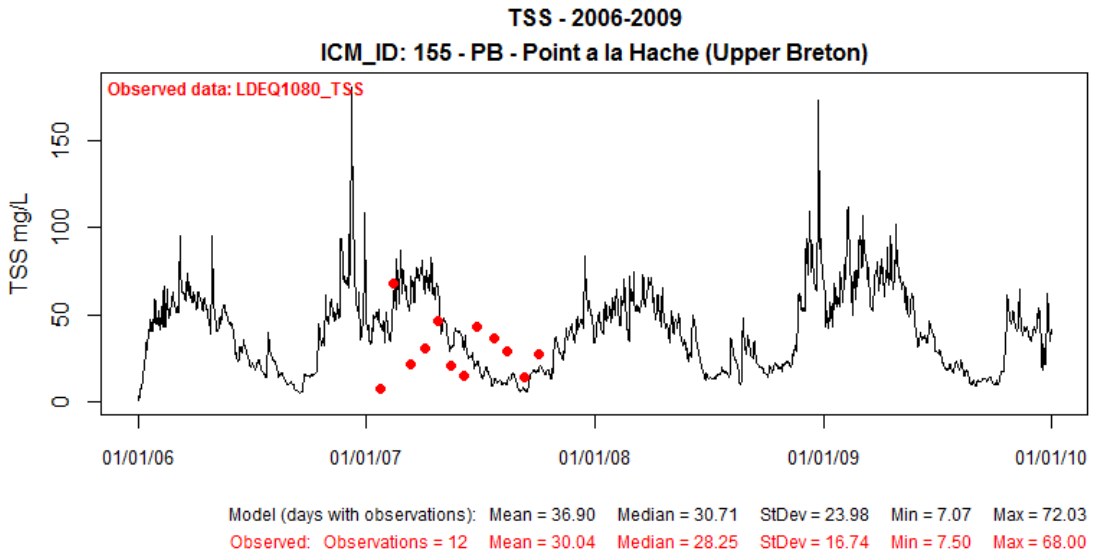

Figure 60: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 155 Compared to Observed Data at LDEQ1080 for Validation Period 2006-2009.

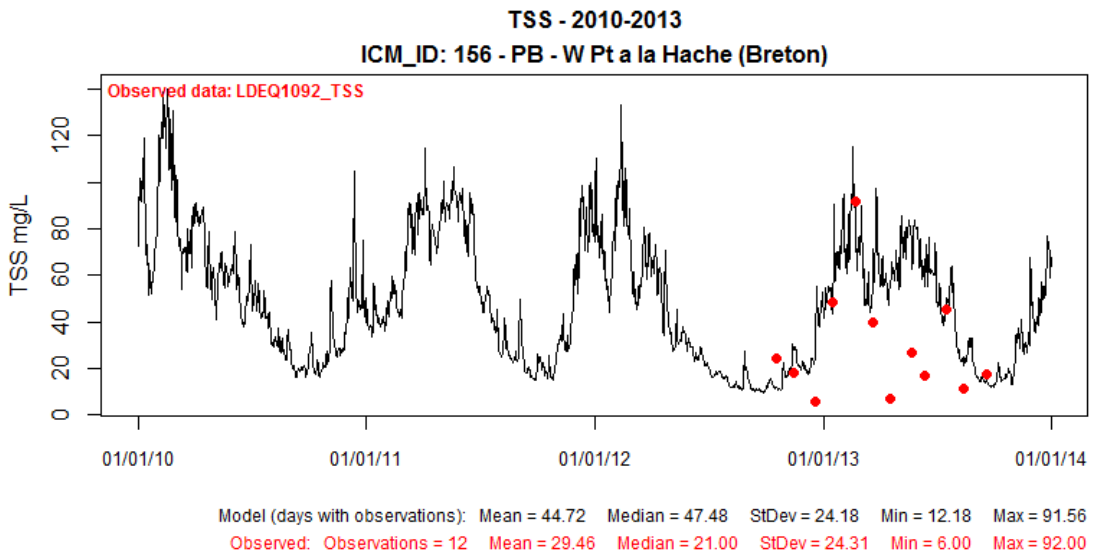

Figure 61: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 156 Compared to Observed Data at LDEQ1092 for Calibration Period 2010-2013.

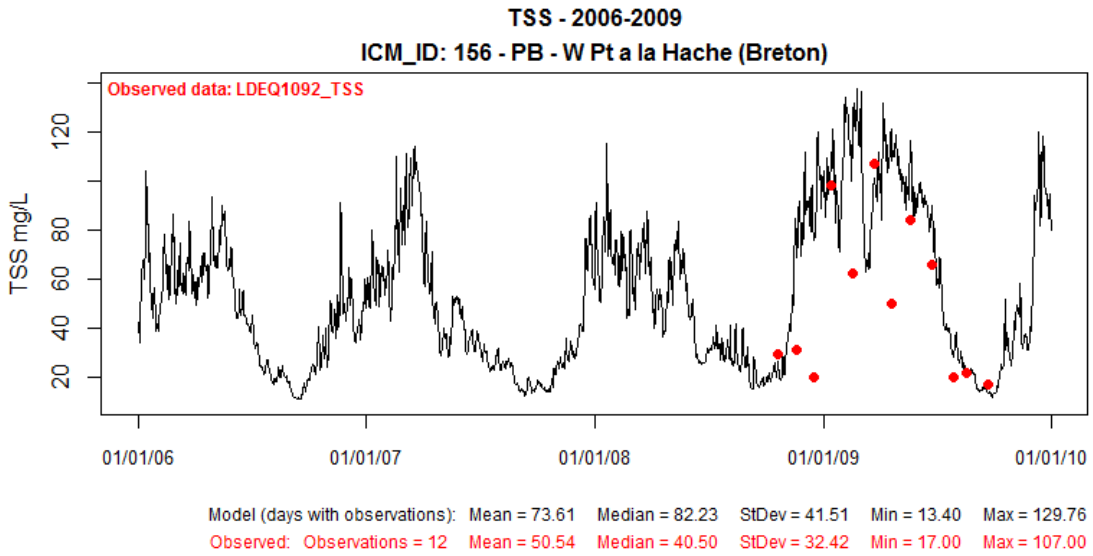

Figure 62: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 156 Compared to Observed Data at LDEQ1092 for Validation Period 2006-2009.

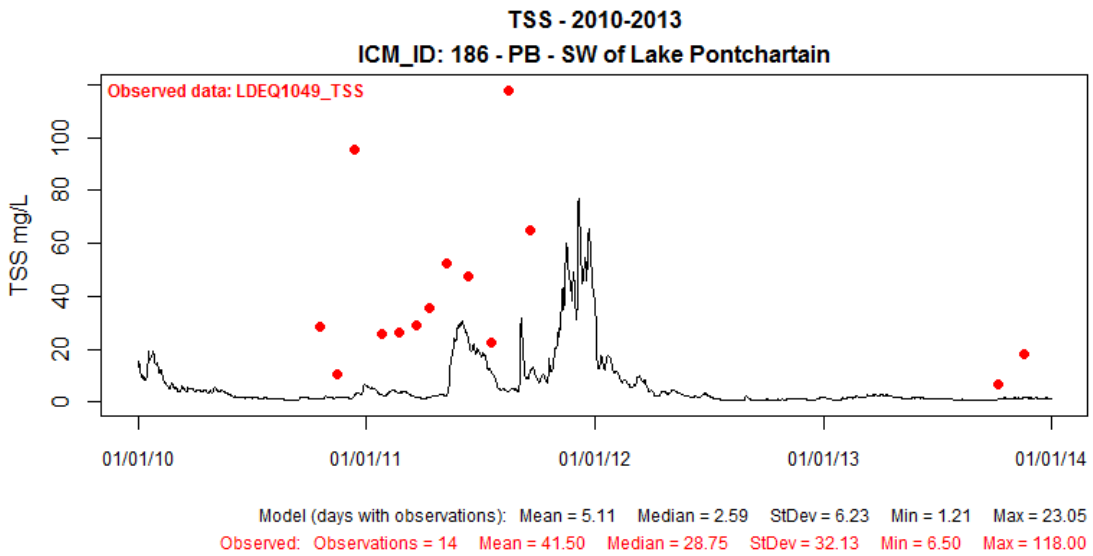

Figure 63: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 186 Compared to Observed Data at LDEQ1049 for Calibration Period 2010-2013.

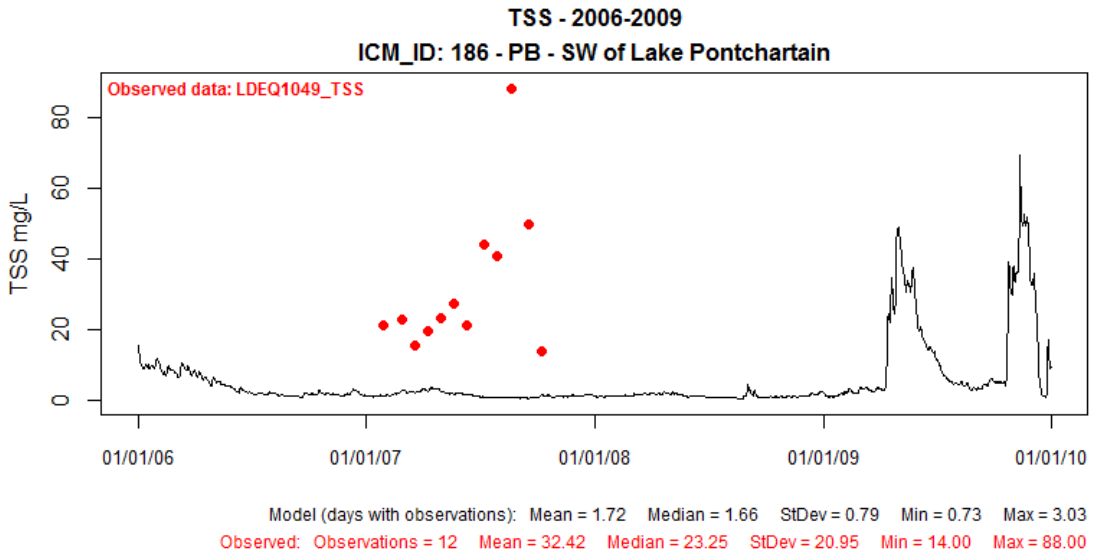

Figure 64: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 186 Compared to Observed Data at LDEQ1049 for Validation Period 2006-2009.

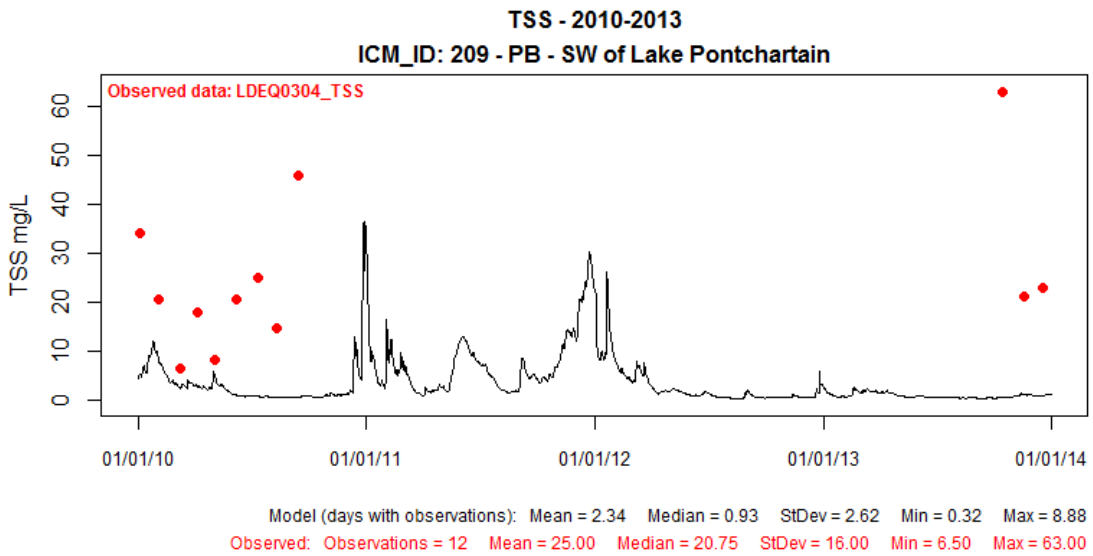

Figure 65: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 209 Compared to Observed Data at LDEQ0304 for Calibration Period 2010-2013.

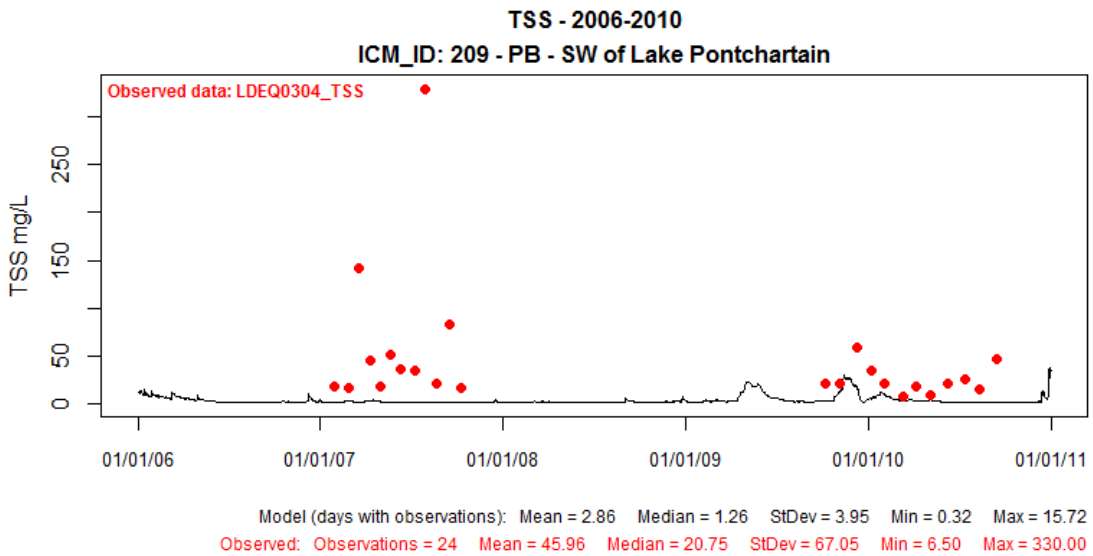

Figure 66: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 209 Compared to Observed Data at LDEQ0304 for Validation Period 2006-2009.

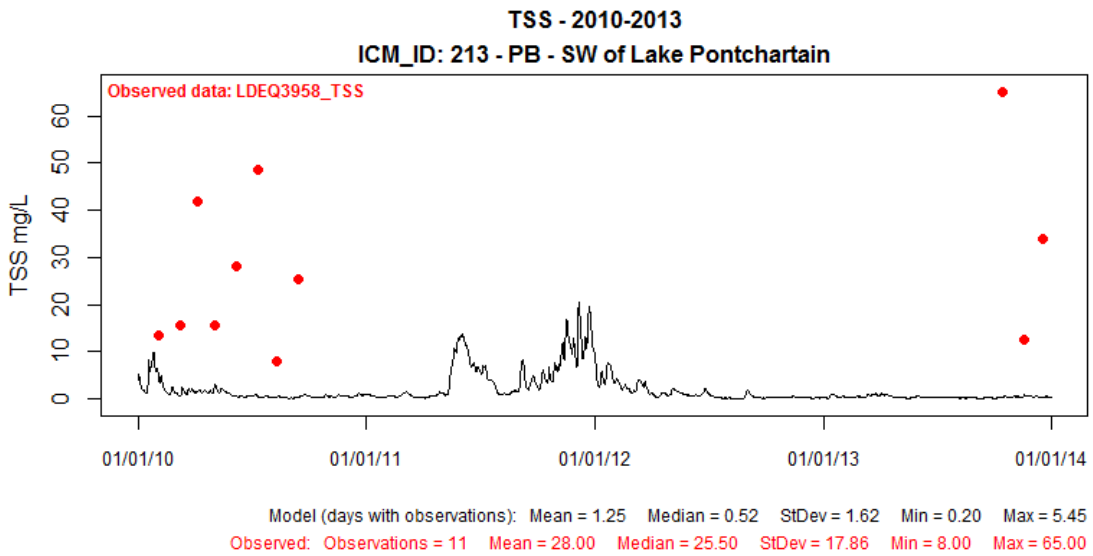

Figure 67: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 213 Compared to Observed Data at LDEQ3958 for Calibration Period 2010-2013.

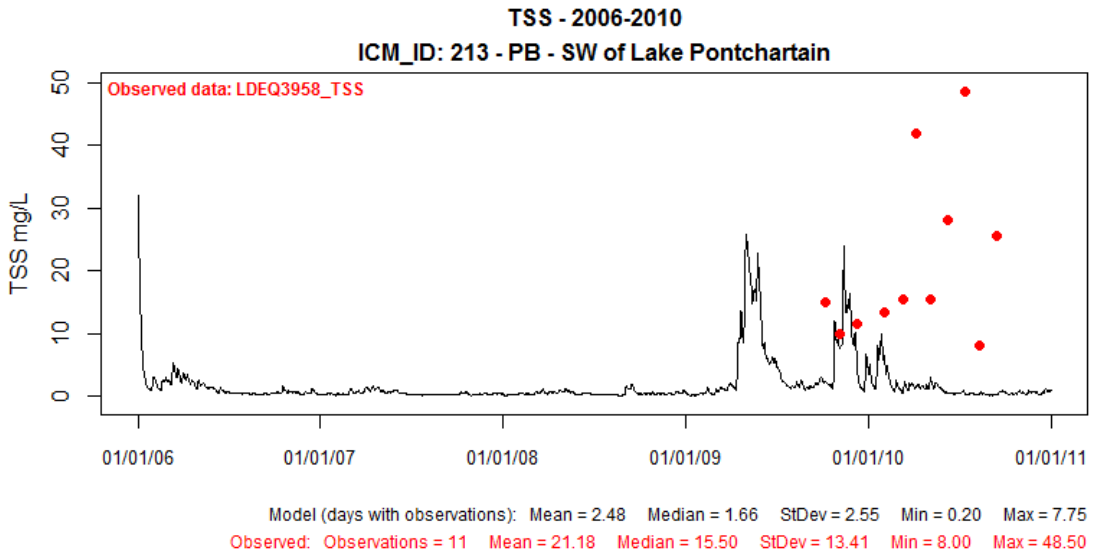

Figure 68: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 213 Compared to Observed Data at LDEQ3958 for Validation Period 2006-2009.

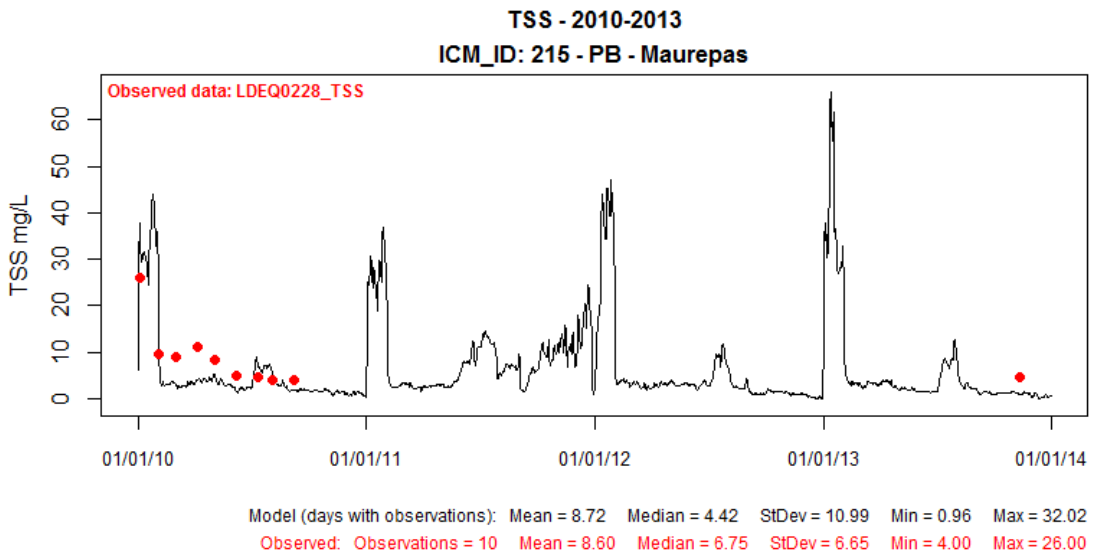

Figure 69: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 215 Compared to Observed Data at LDEQ0228 for Calibration Period 2010-2013.

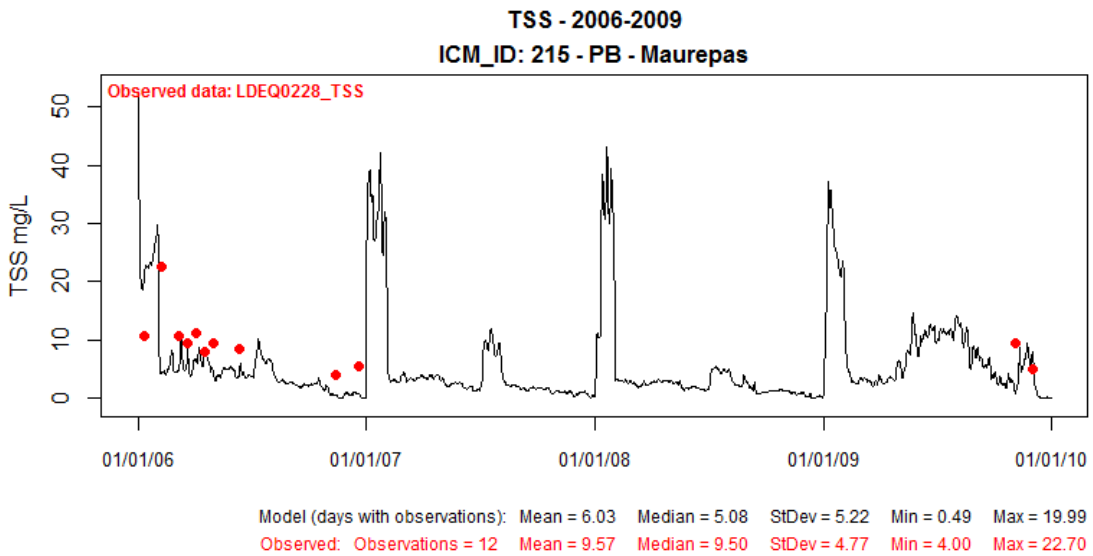

Figure 70: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 215 Compared to Observed Data at LDEQ0228 for Validation Period 2006-2009.

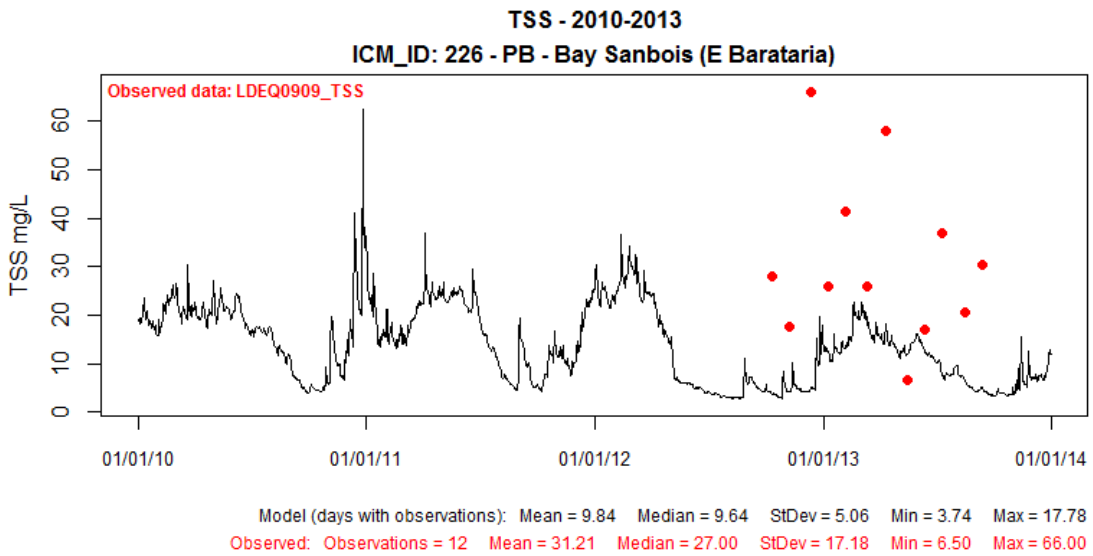

Figure 71: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 226 Compared to Observed Data at LDEQ0909 for Calibration Period 2010-2013.

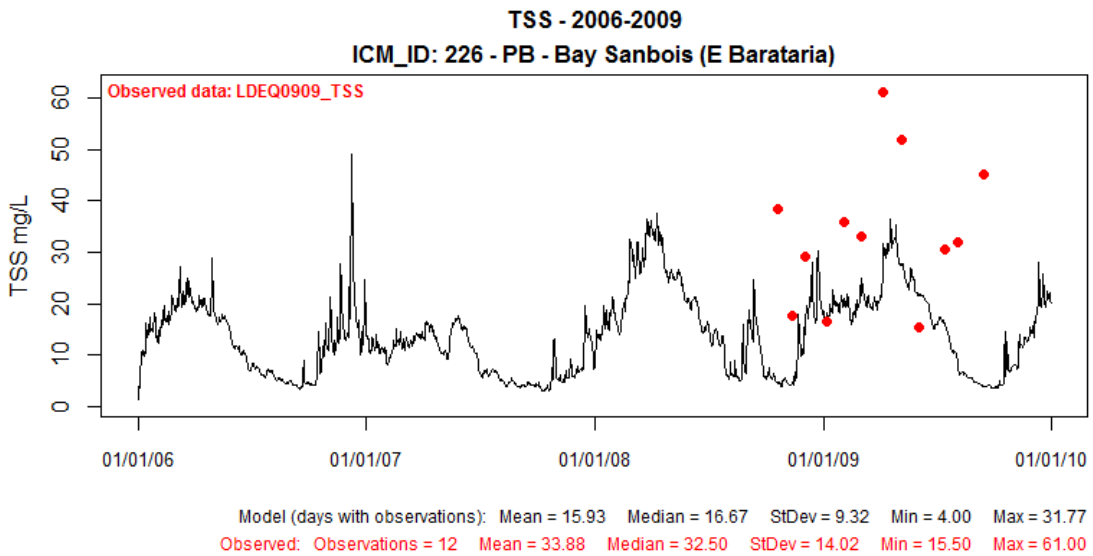

Figure 72: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 226 Compared to Observed Data at LDEQ0909 for Validation Period 2006-2009.

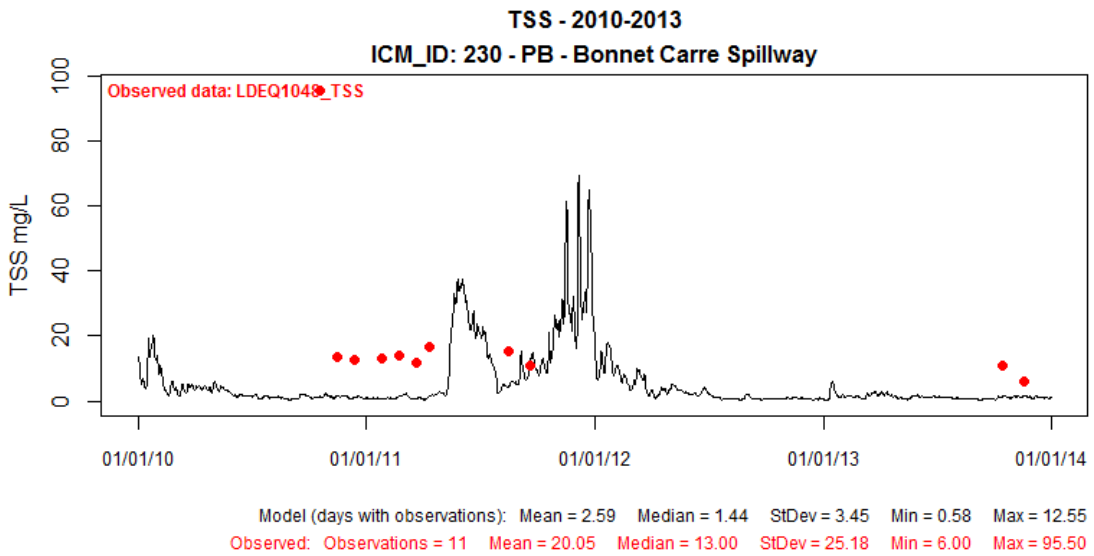

Figure 73: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 230 Compared to Observed Data at LDEQ1048 for Calibration Period 2010-2013.

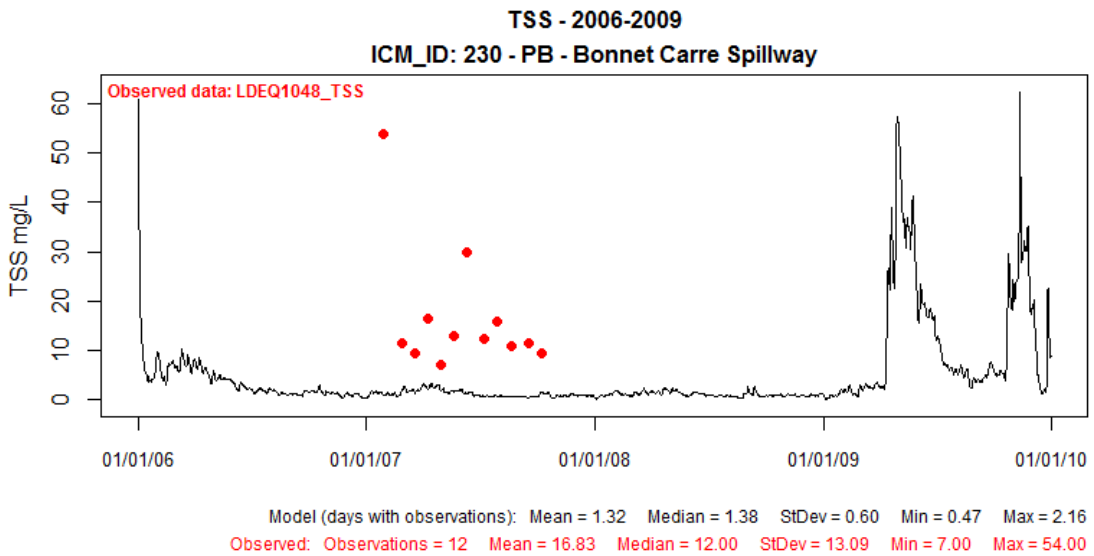

Figure 74: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 230 Compared to Observed Data at LDEQ1048 for Validation Period 2006-2009.

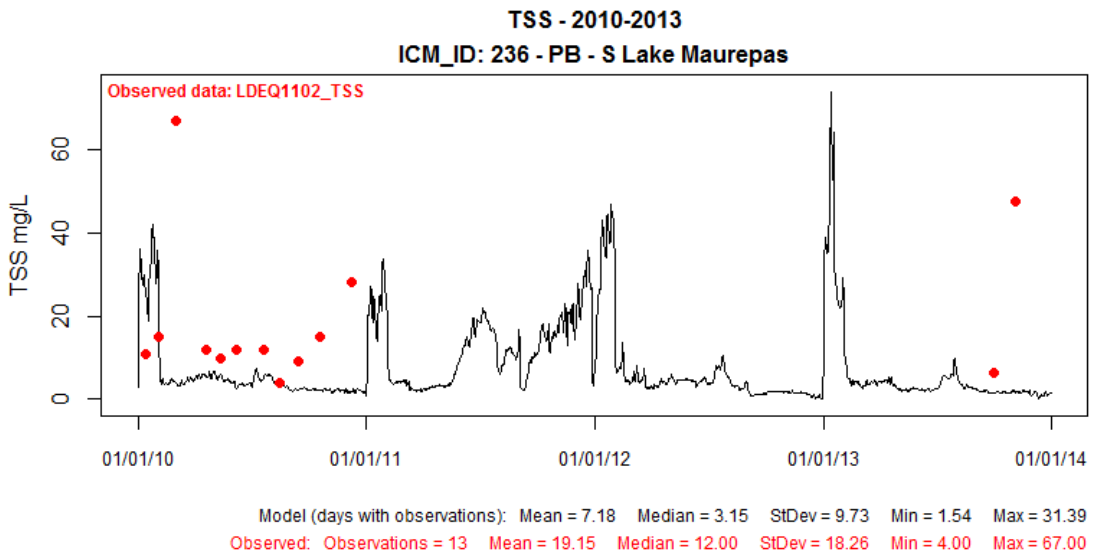

Figure 75: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 236 Compared to Observed Data at LDEQ1102 for Calibration Period 2010-2013.

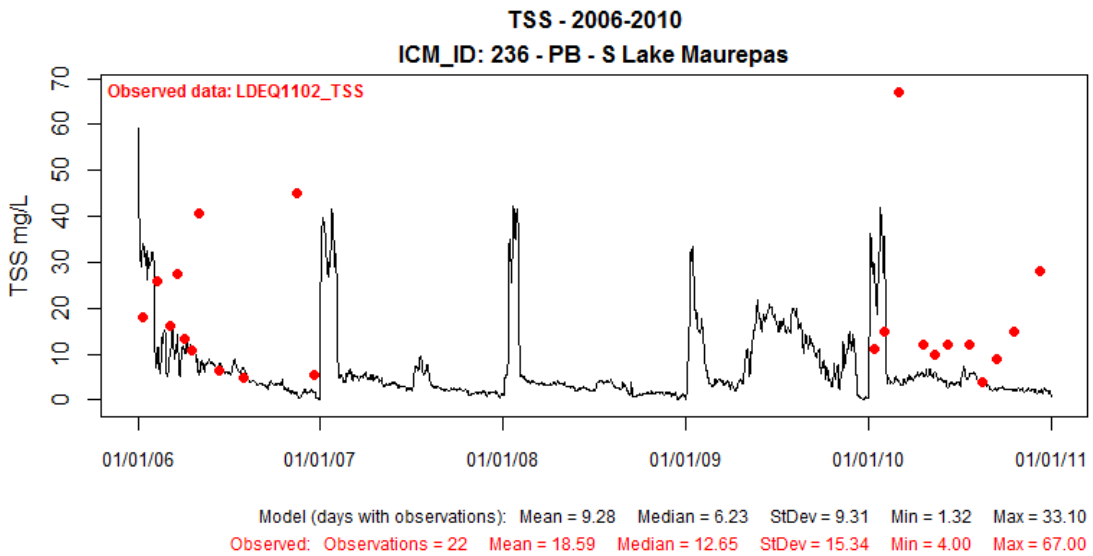

Figure 76: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 236 Compared to Observed Data at LDEQ1102 for Validation Period 2006-2009.

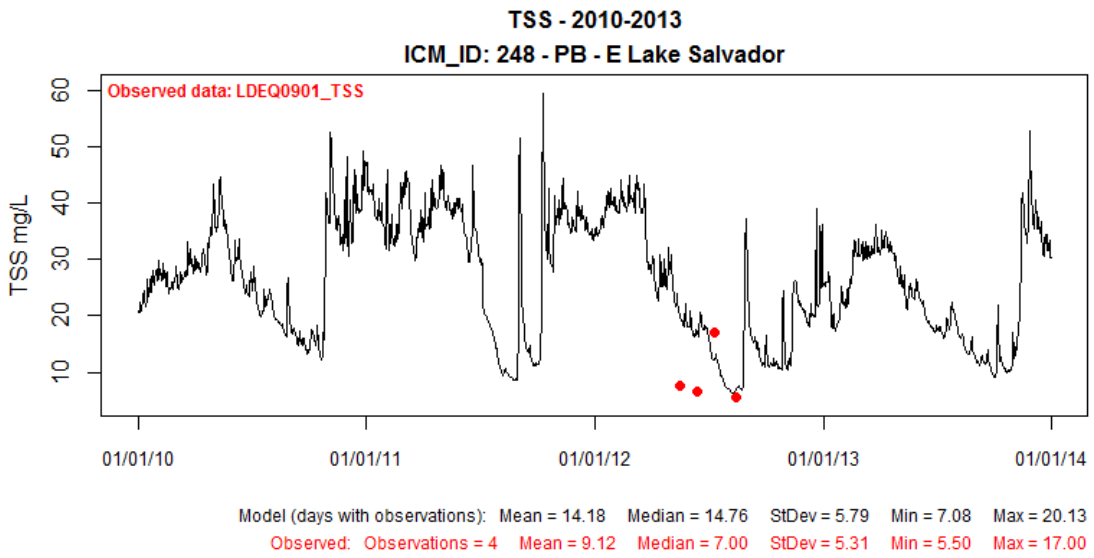

Figure 77: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 248 Compared to Observed Data at LDEQ0901 for Calibration Period 2010-2013.

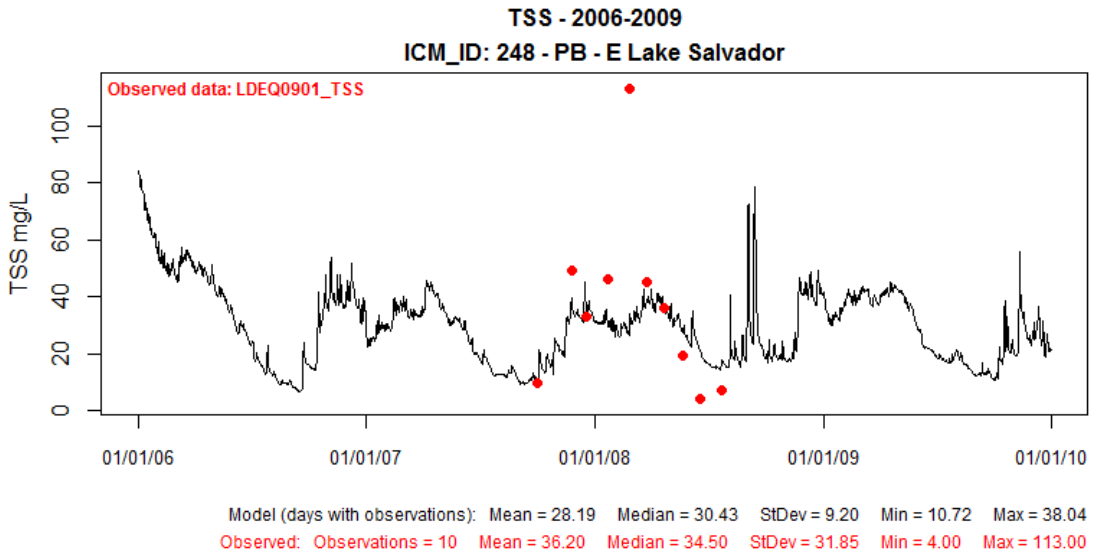

Figure 78: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 248 Compared to Observed Data at LDEQ0901 for Validation Period 2006-2009.

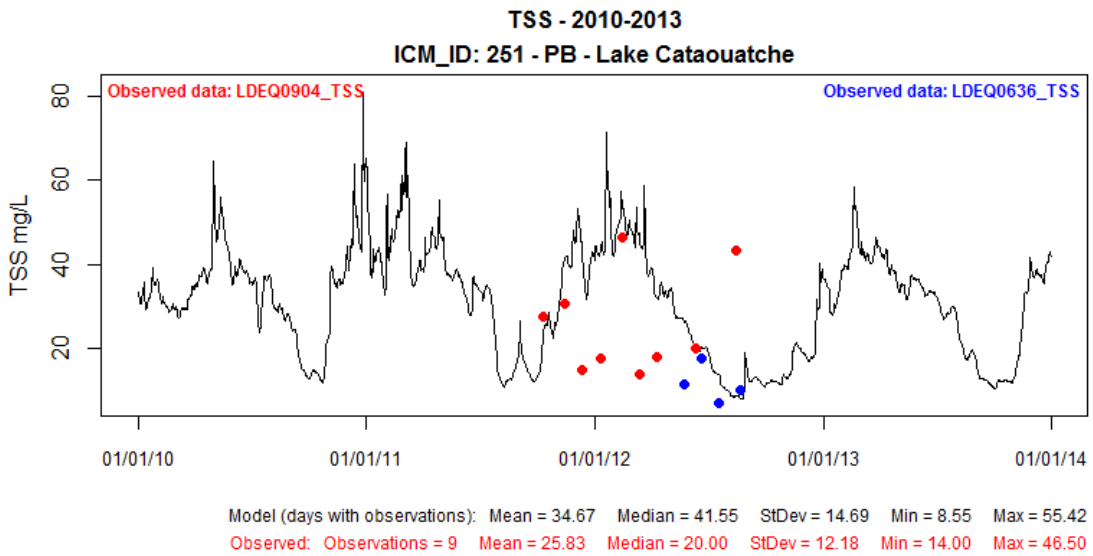

Figure 79: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 251 Compared to Observed Data at LDEQ0904 for Calibration Period 2010-2013.

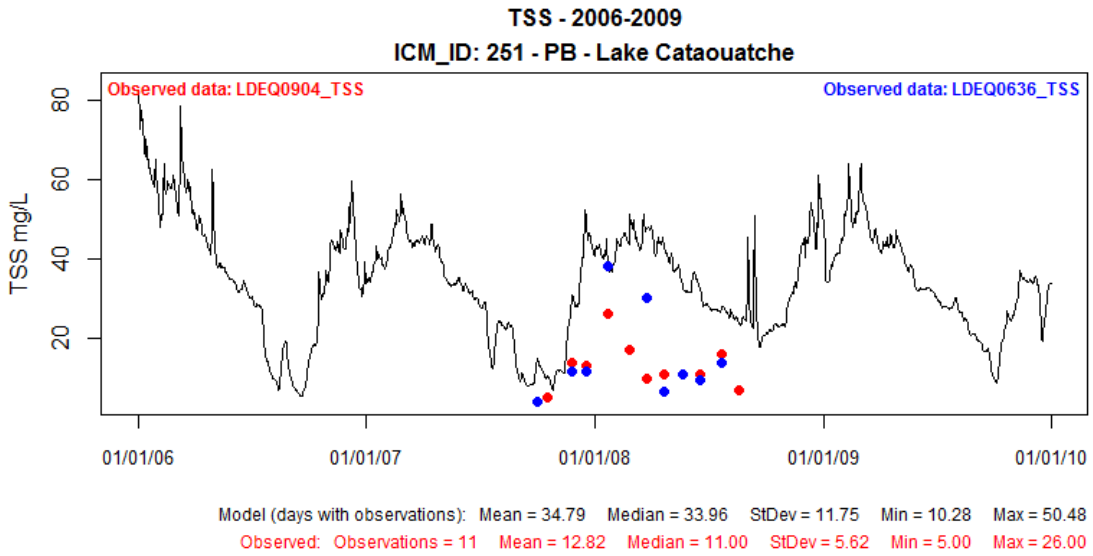

Figure 80: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 251 Compared to Observed Data at LDEQ0904 for Validation Period 2006-2009.

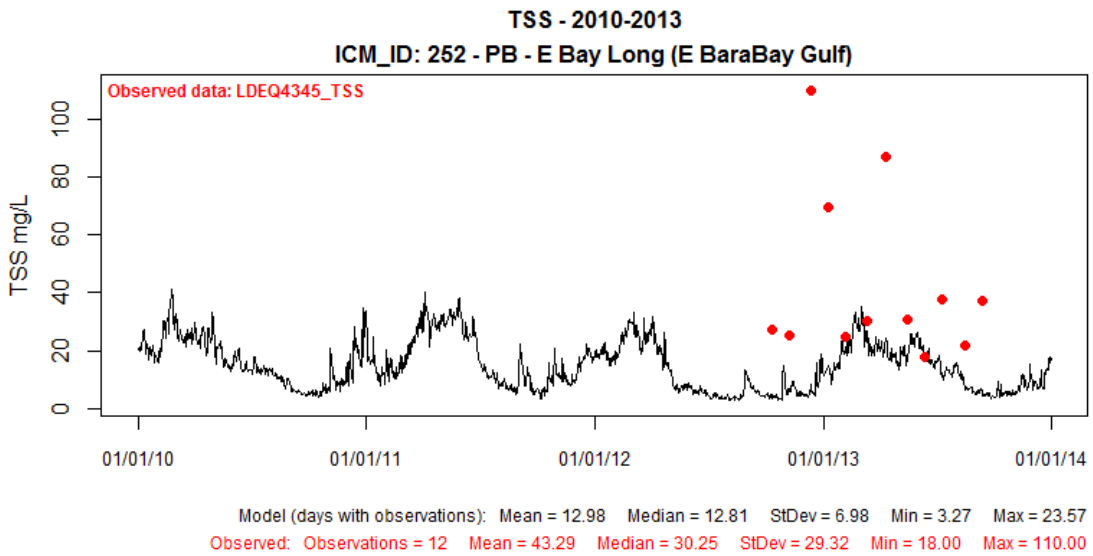

Figure 81: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 252 Compared to Observed Data at LDEQ4345 for Calibration Period 2010-2013.

Figure 82: No Validation Figure for ICM Compartment 252.

DRAFT

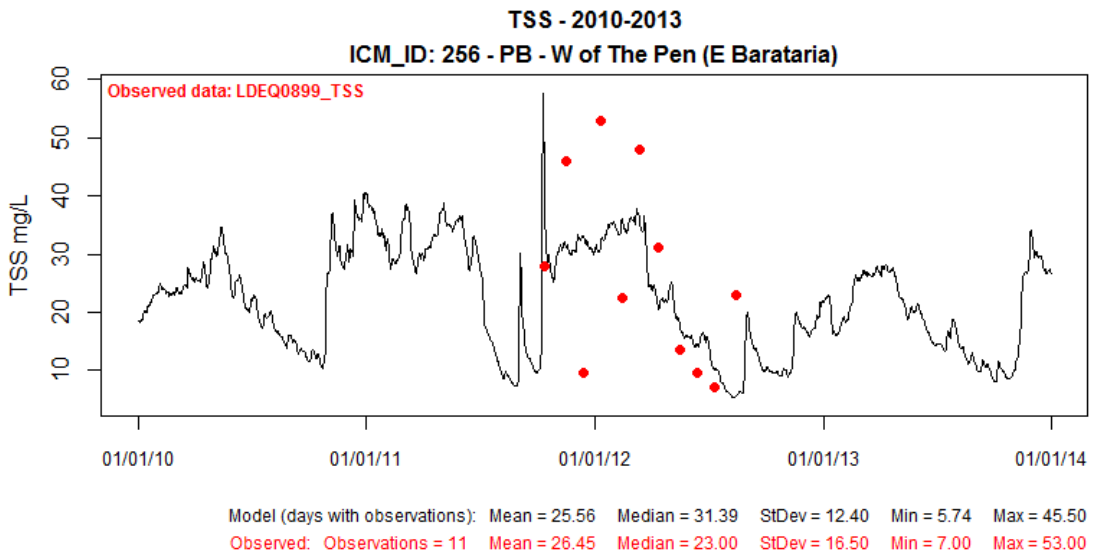

Figure 83: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 256 Compared to Observed Data at LDEQ0899 for Calibration Period 2010-2013.

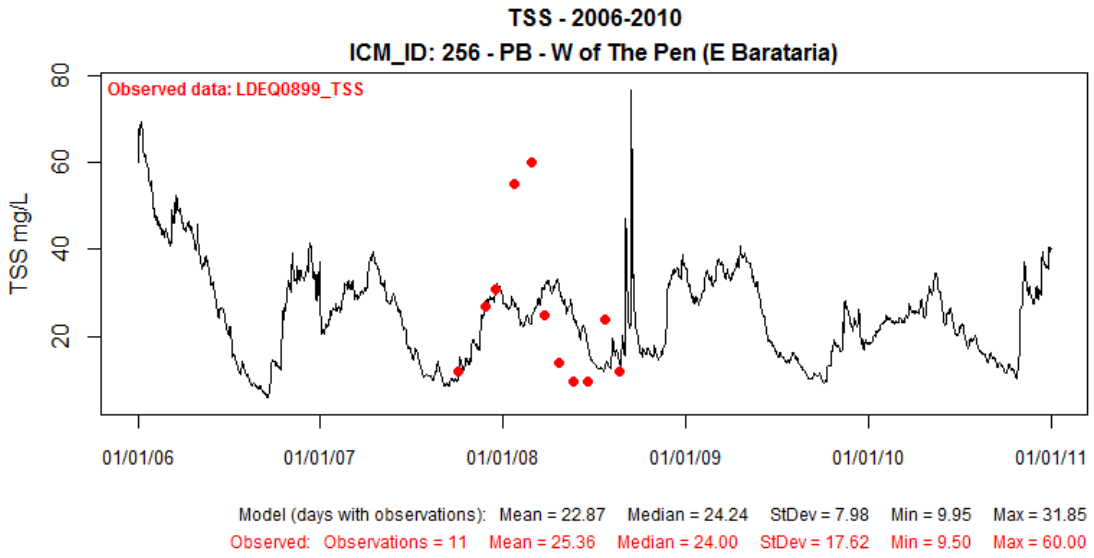

Figure 84: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 256 Compared to Observed Data at LDEQ0899 for Validation Period 2006-2009.

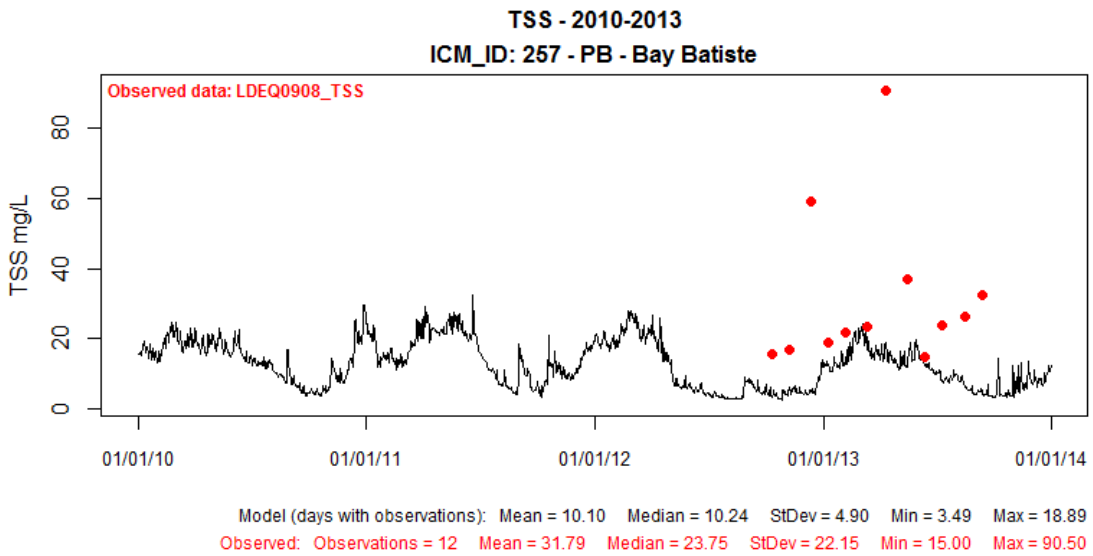

Figure 85: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 257 Compared to Observed Data at LDEQ0908 for Calibration Period 2010-2013.

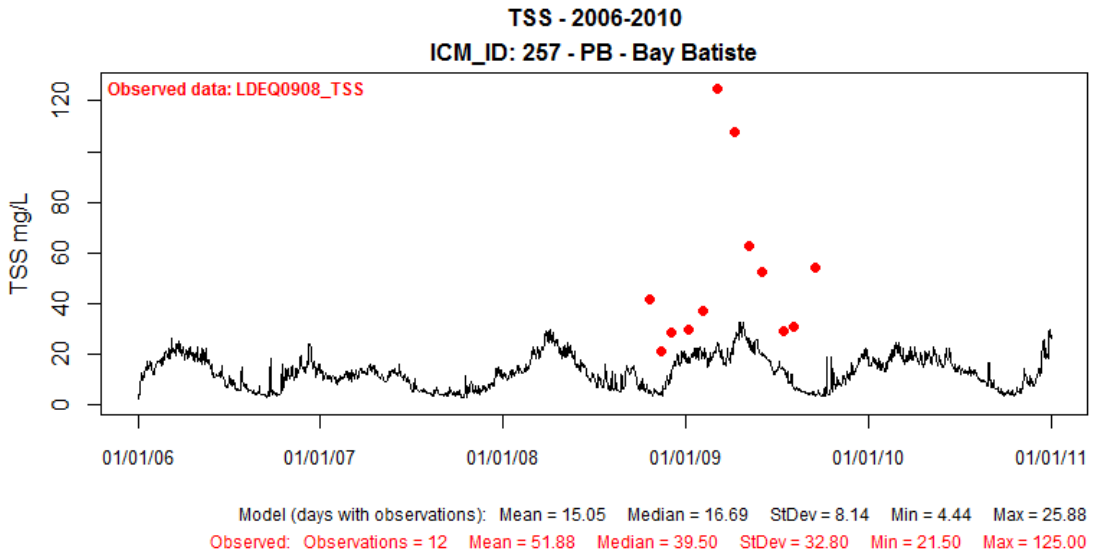

Figure 86: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 257 Compared to Observed Data at LDEQ0908 for Validation Period 2006-2009.

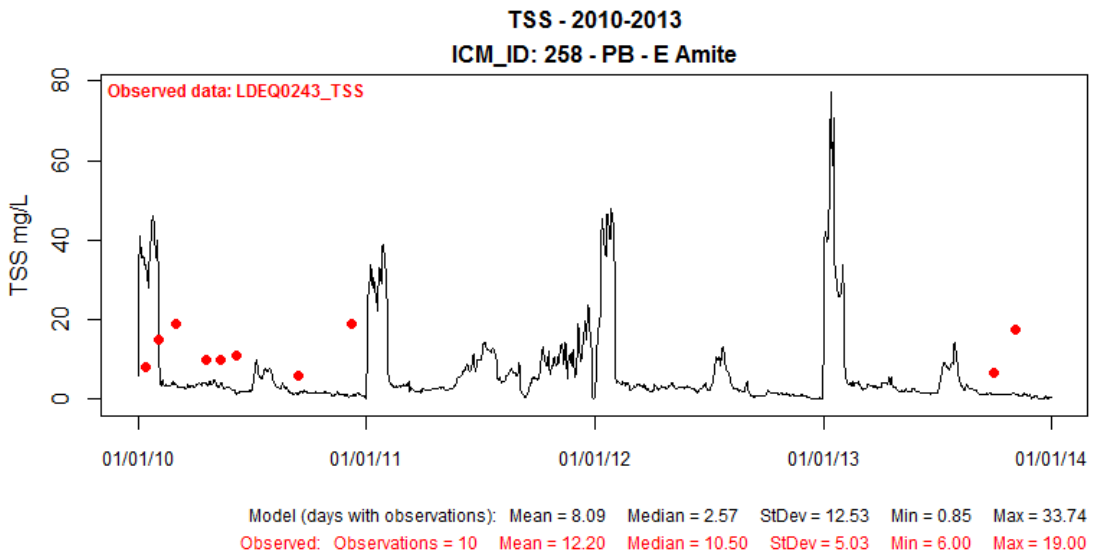

Figure 87: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 258 Compared to Observed Data at LDEQ0243 for Calibration Period 2010-2013.

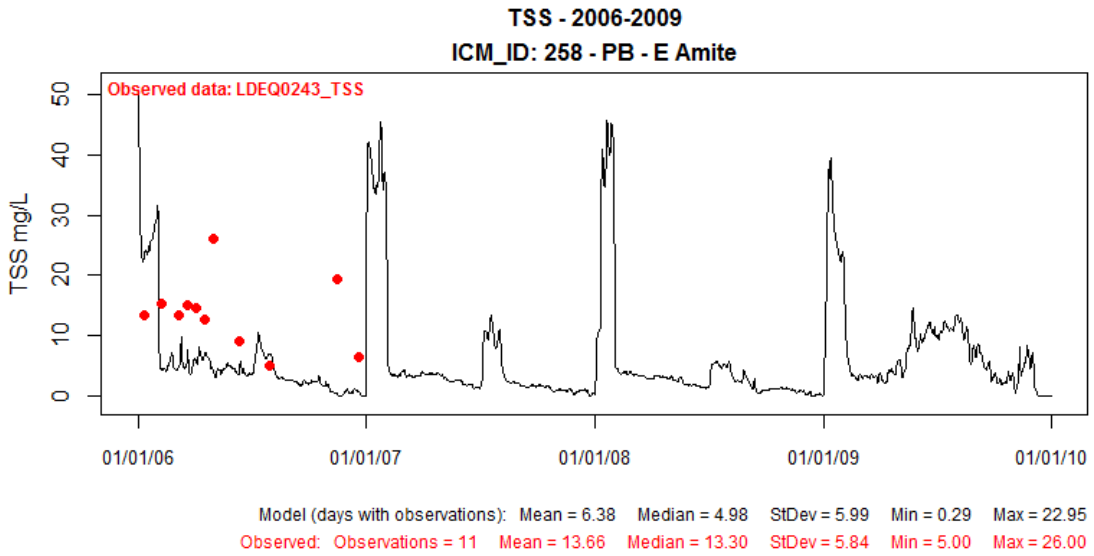

Figure 88: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 258 Compared to Observed Data at LDEQ0243 for Validation Period 2006-2009.

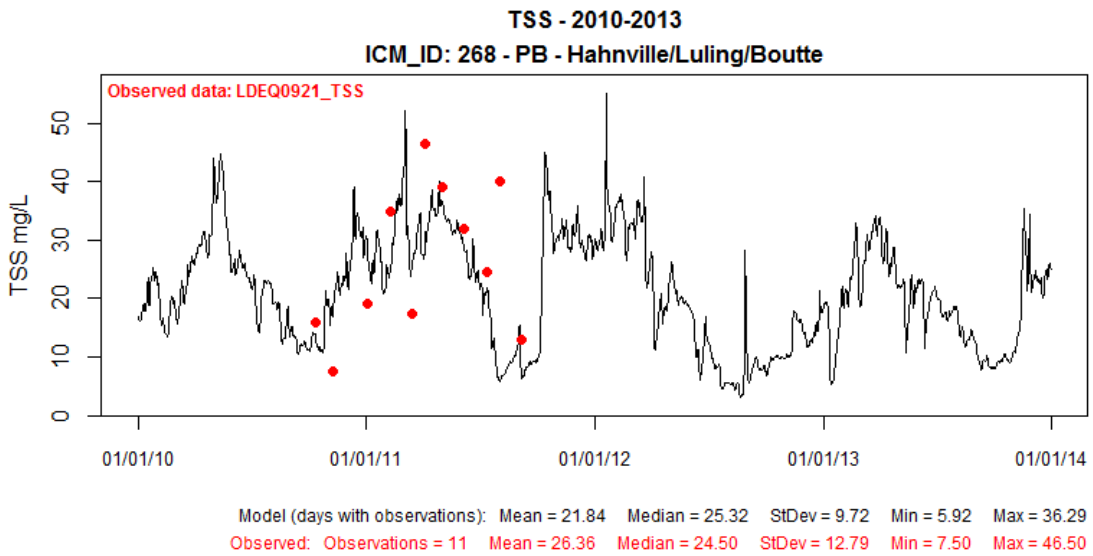

Figure 89: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 268 Compared to Observed Data at LDEQ0921 for Calibration Period 2010-2013.

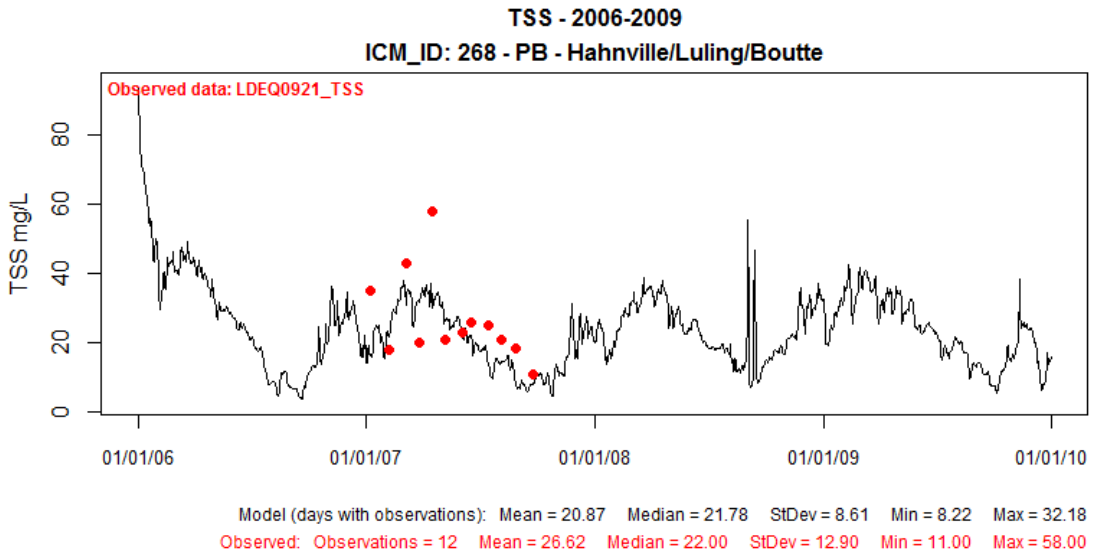

Figure 90: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 268 Compared to Observed Data at LDEQ0921 for Validation Period 2006-2009.

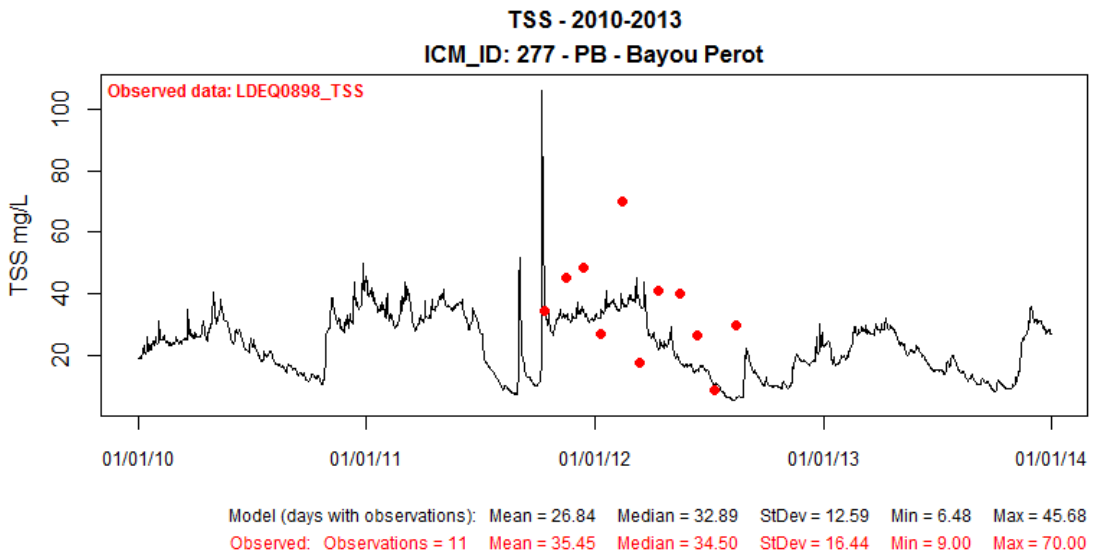

Figure 91: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 277 Compared to Observed Data at LDEQ0898 for Calibration Period 2010-2013.

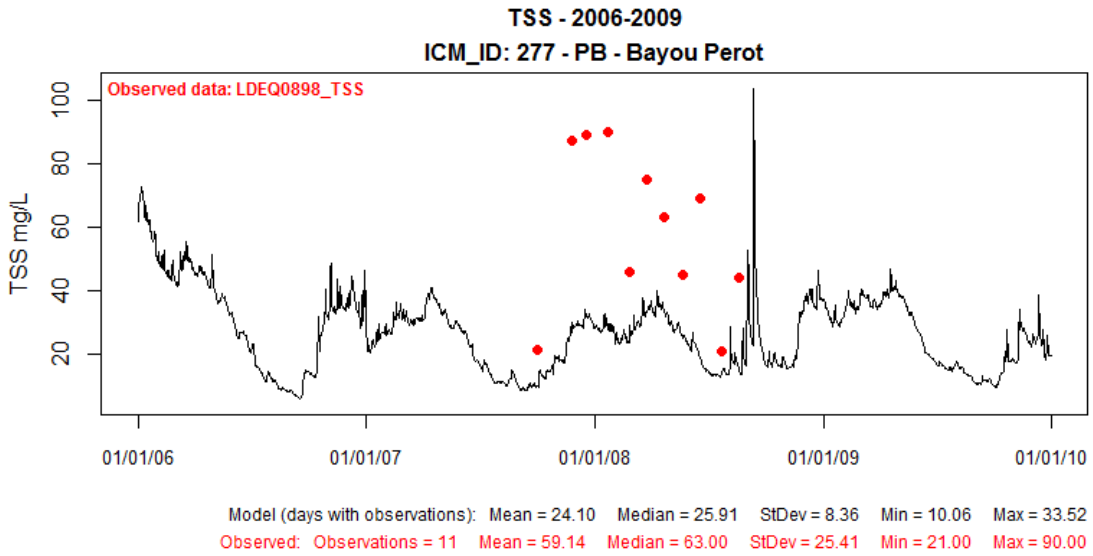

Figure 92: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 277 Compared to Observed Data at LDEQ0898 for Validation Period 2006-2009.

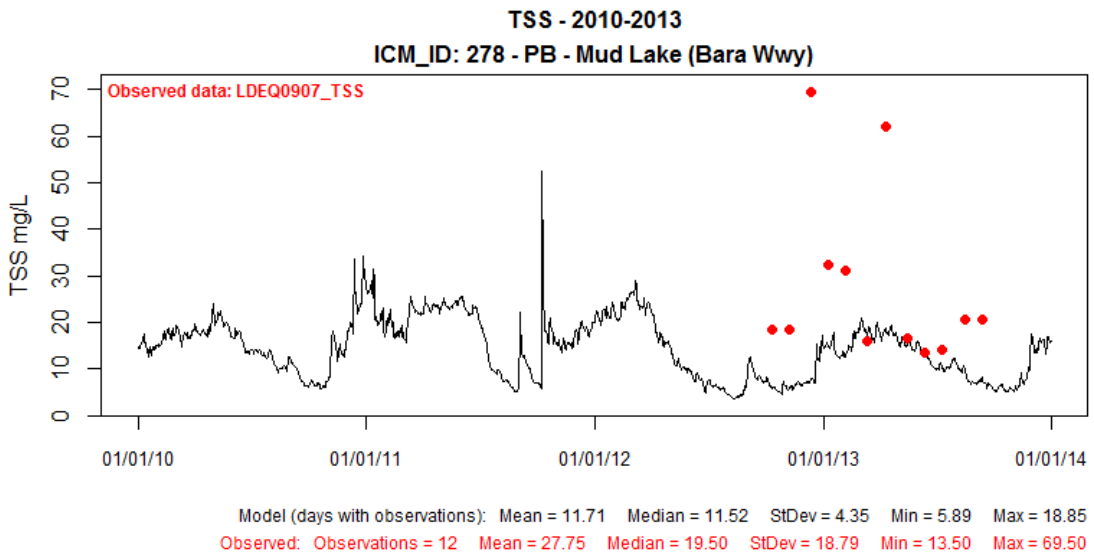

Figure 93: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 278 Compared to Observed Data at LDEQ0907 for Calibration Period 2010-2013.

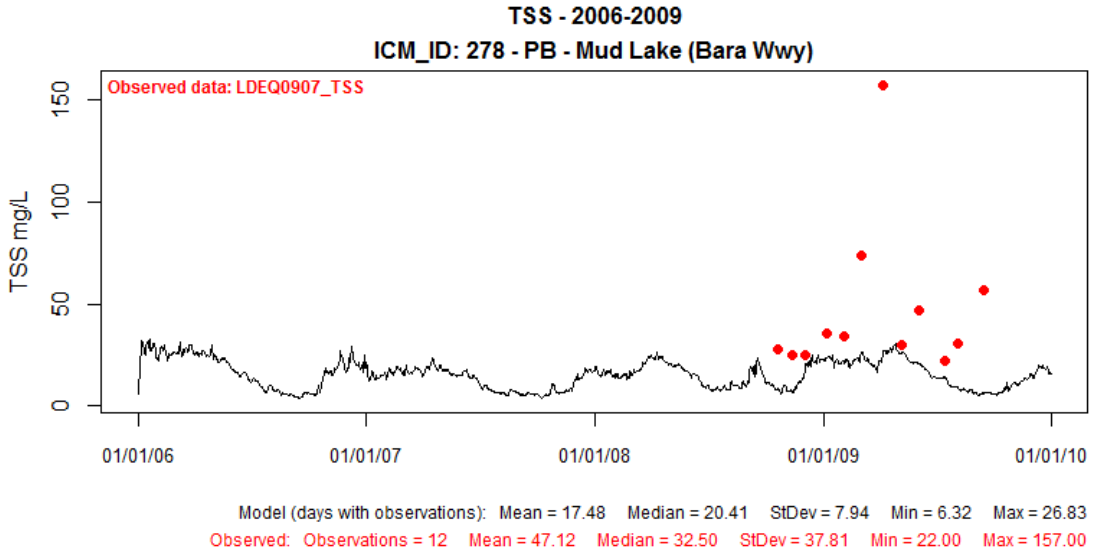

Figure 94: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 278 Compared to Observed Data at LDEQ0907 for Validation Period 2006-2009.

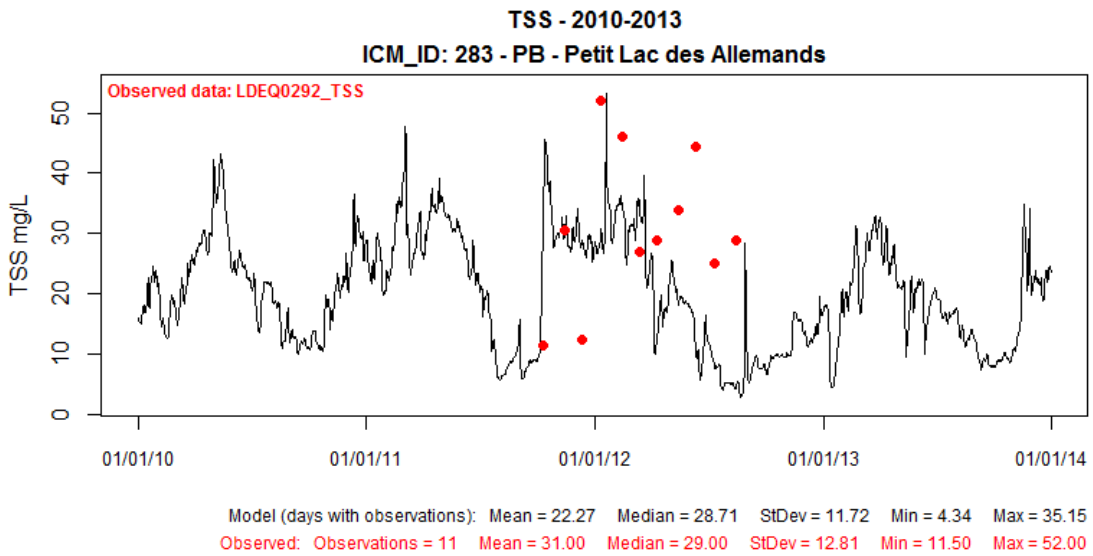

Figure 95: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 283 Compared to Observed Data at LDEQ0292 for Calibration Period 2010-2013.

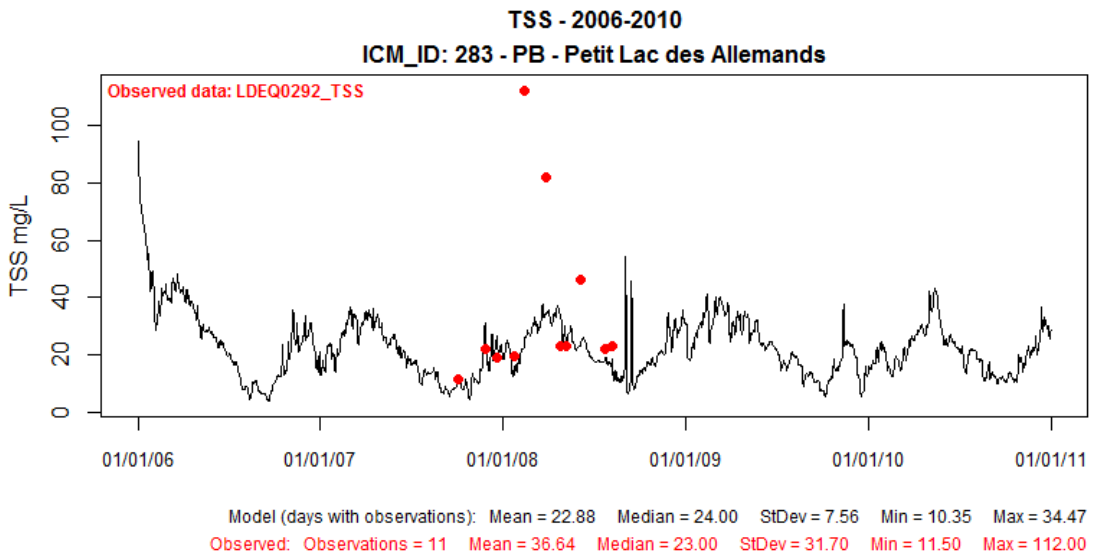

Figure 96: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 283 Compared to Observed Data at LDEQ0292 for Validation Period 2006-2009.

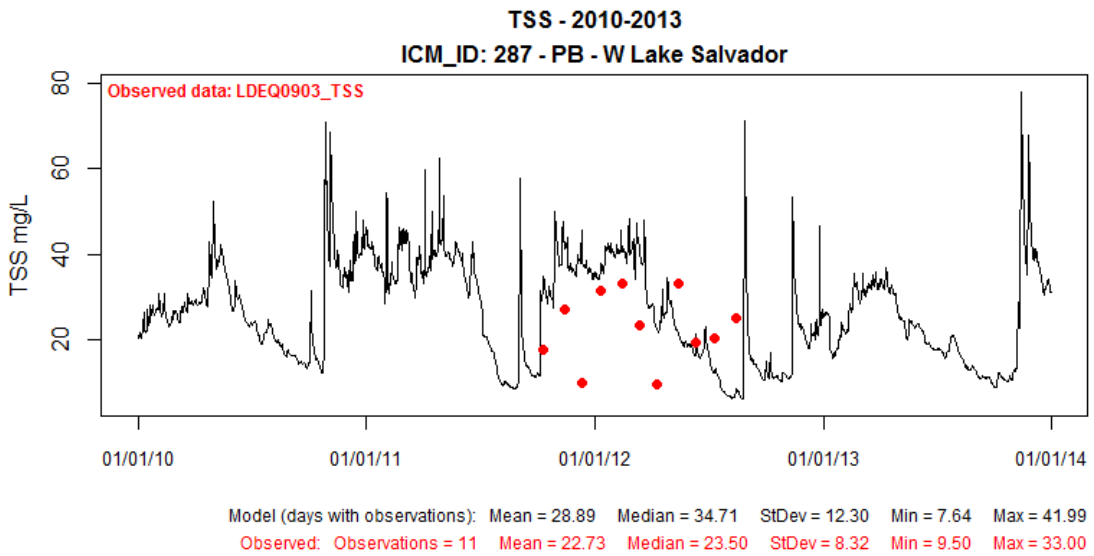

Figure 97: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 287 Compared to Observed Data at LDEQ0903 for Calibration Period 2010-2013.

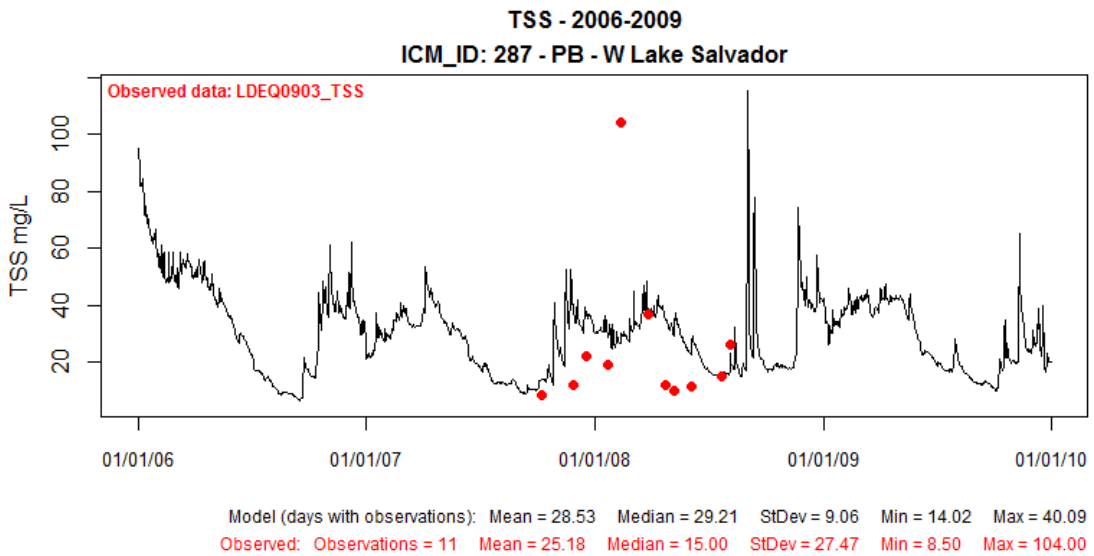

Figure 98: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 287 Compared to Observed Data at LDEQ0903 for Validation Period 2006-2009.

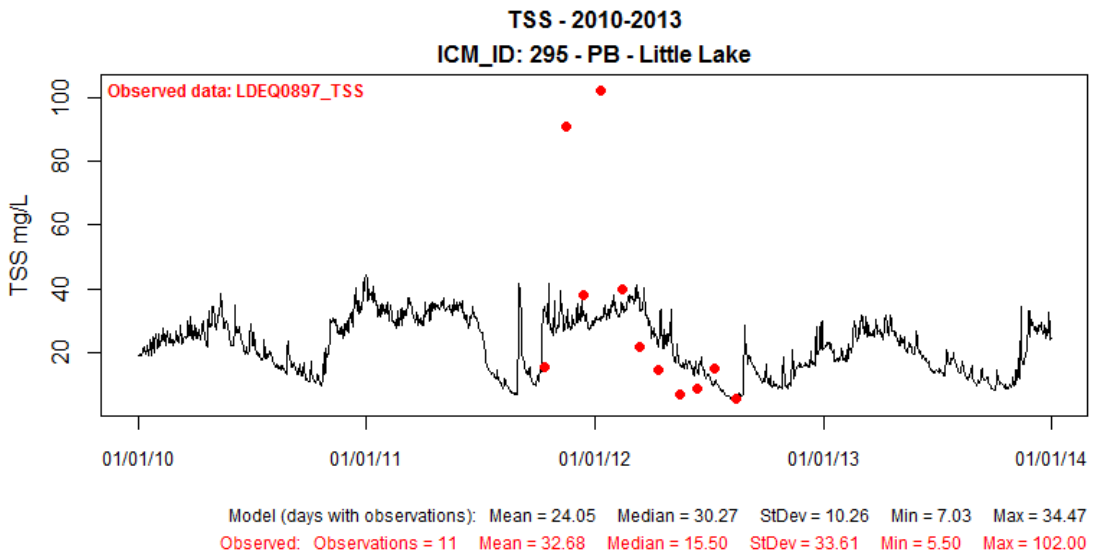

Figure 99: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 295 Compared to Observed Data at LDEQ0897 for Calibration Period 2010-2013.

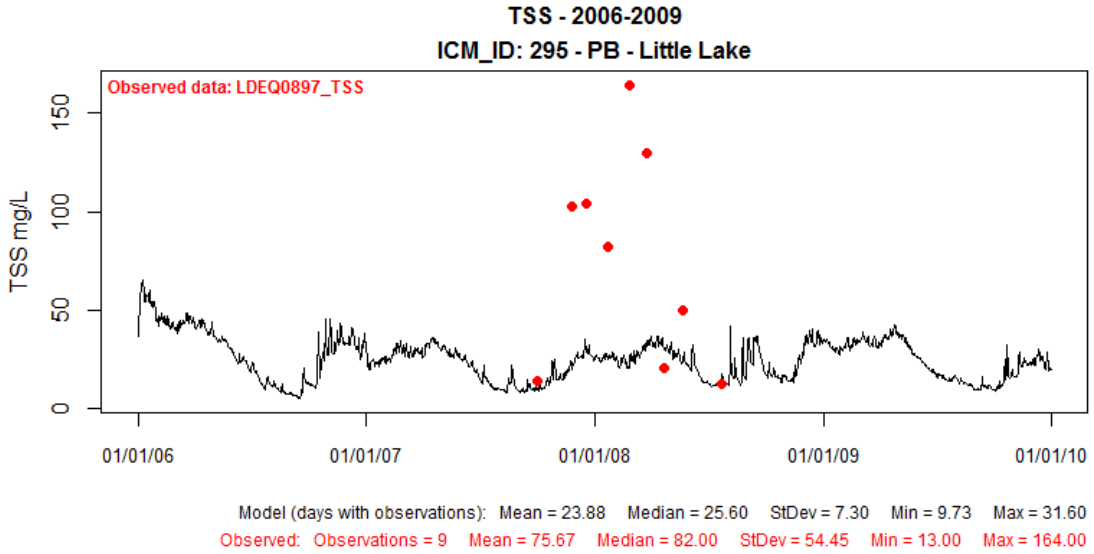

Figure 100: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 295 Compared to Observed Data at LDEQ0897 for Validation Period 2006-2009.

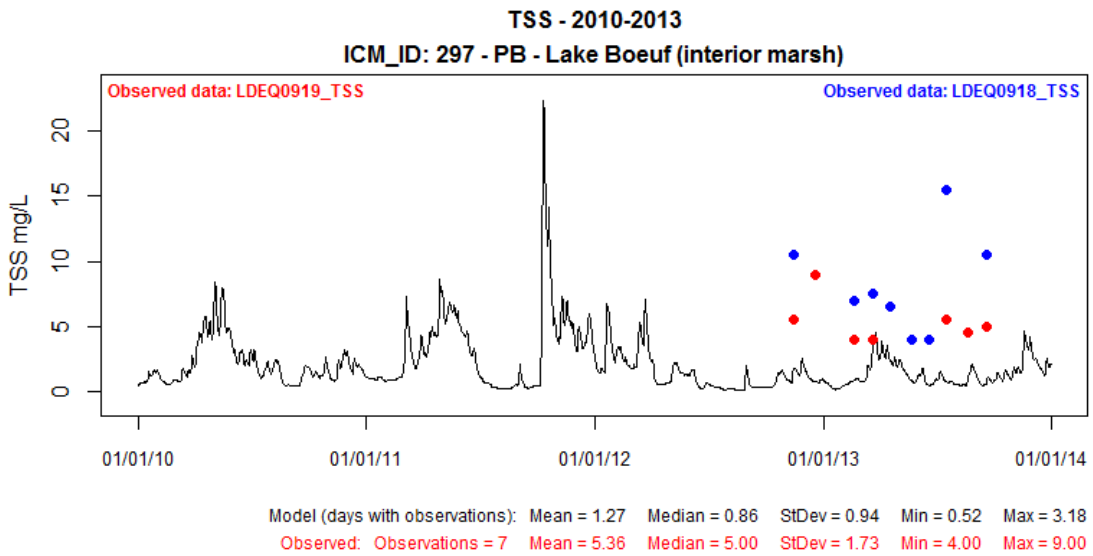

Figure 101: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 297 Compared to Observed Data at LDEQ0919 for Calibration Period 2010-2013.

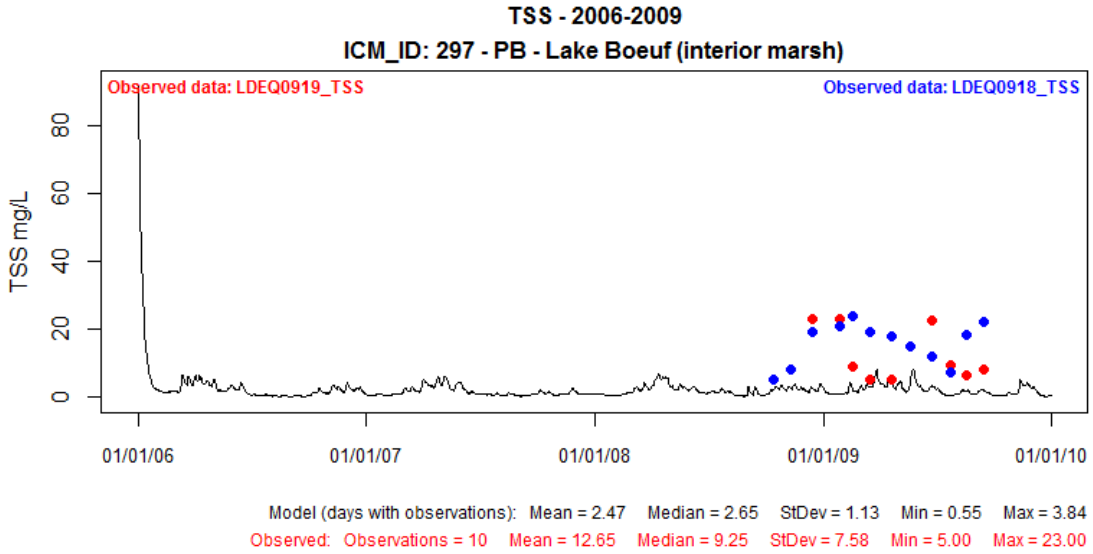

Figure 102: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 297 Compared to Observed Data at LDEQ0919 for Validation Period 2006-2009.

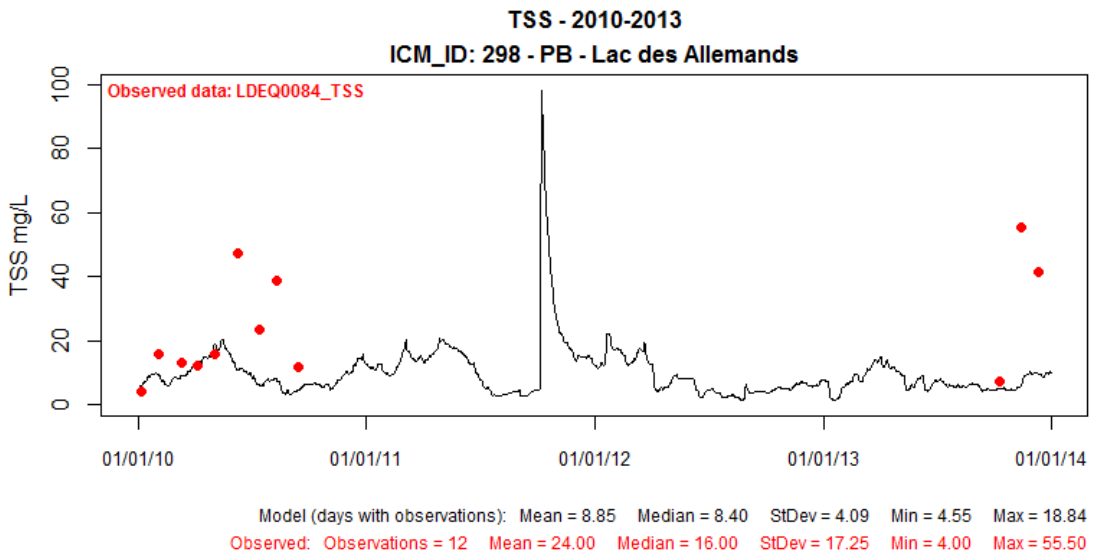

Figure 103: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 298 Compared to Observed Data at LDEQ0084 for Calibration Period 2010-2013.

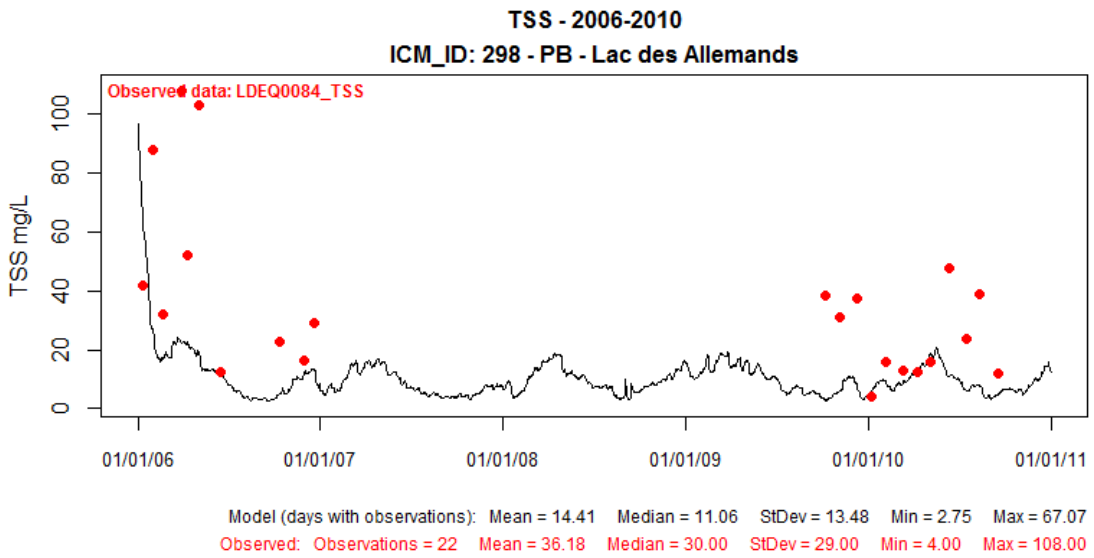

Figure 104: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 298 Compared to Observed Data at LDEQ0084 for Validation Period 2006-2009.

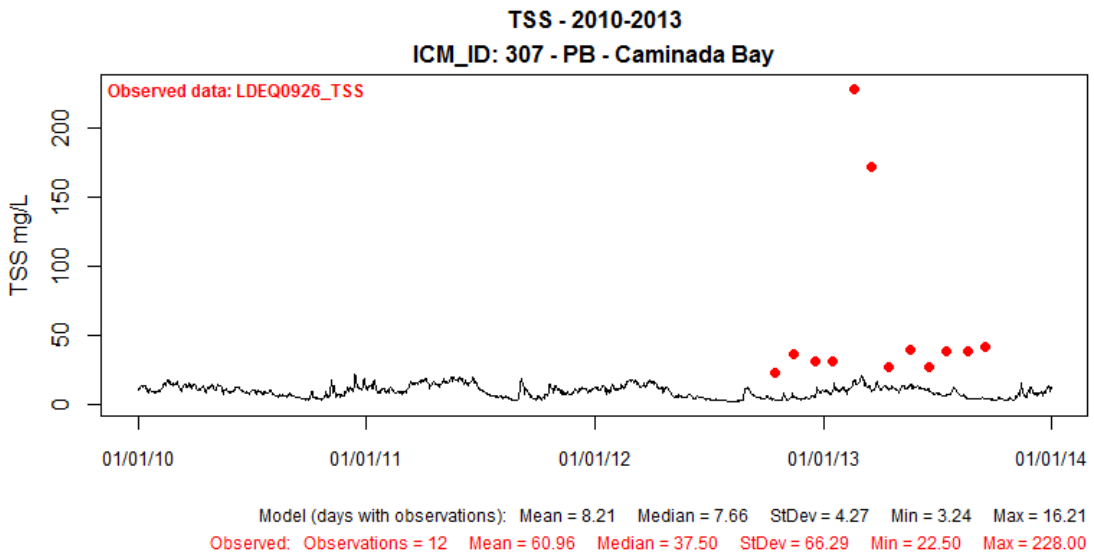

Figure 105: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 307 Compared to Observed Data at LDEQ0926 for Calibration Period 2010-2013.

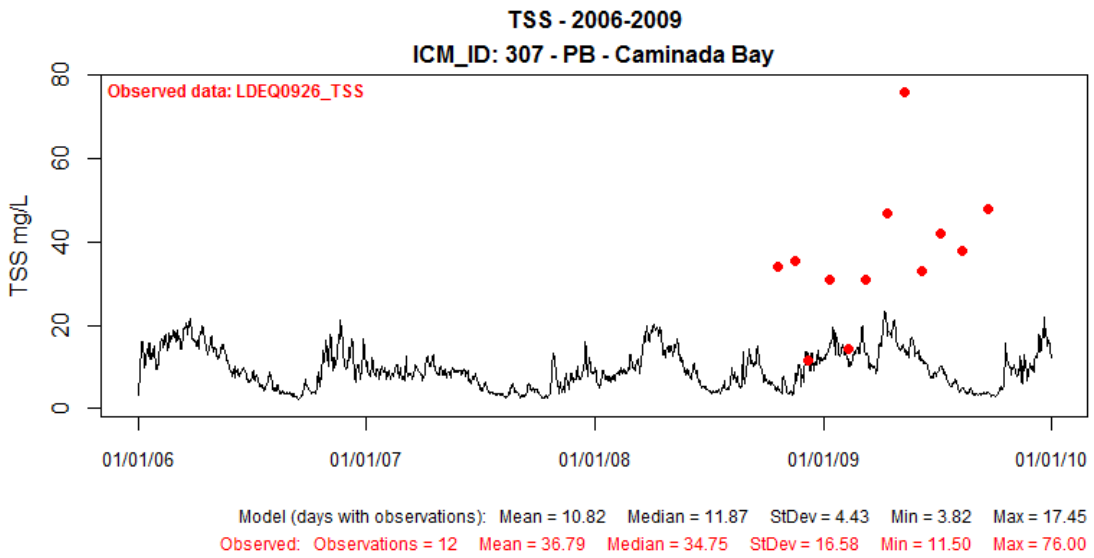

Figure 106: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 307 Compared to Observed Data at LDEQ0926 for Validation Period 2006-2009.

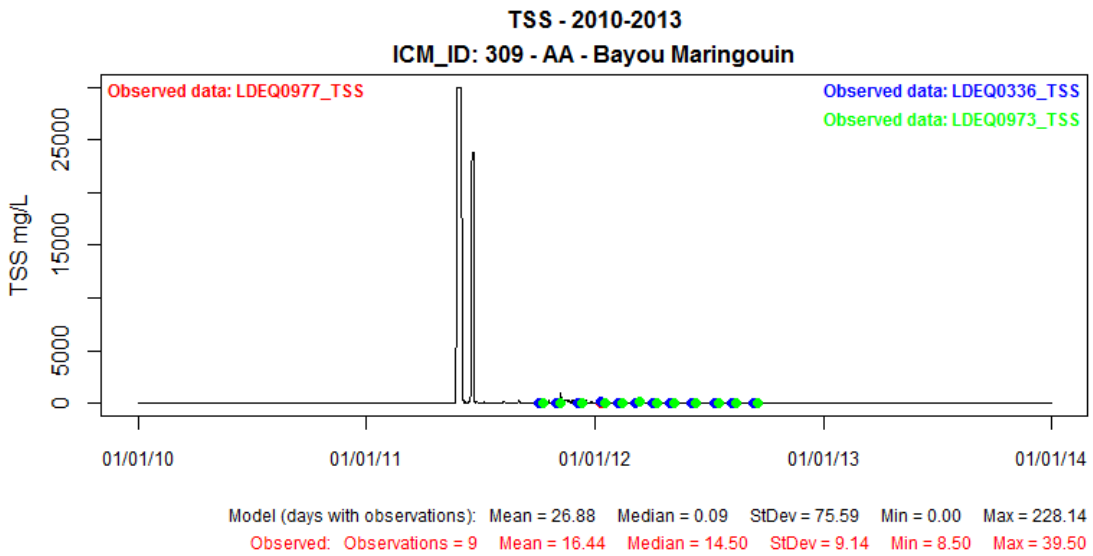

Figure 107: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 309 Compared to Observed Data at LDEQ0977 for Calibration Period 2010-2013.

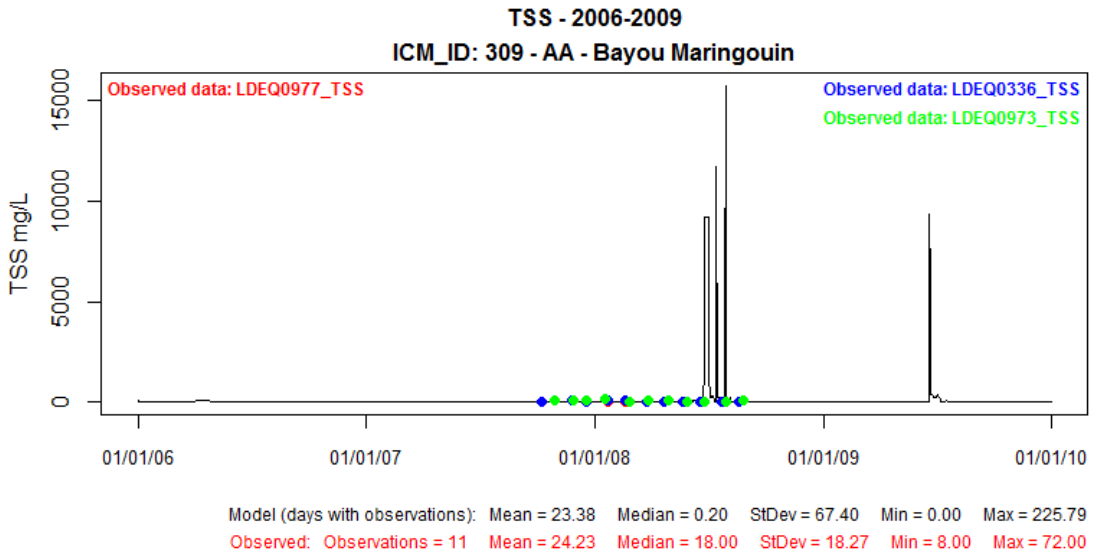

Figure 108: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 309 Compared to Observed Data at LDEQ0977 for Validation Period 2006-2009.

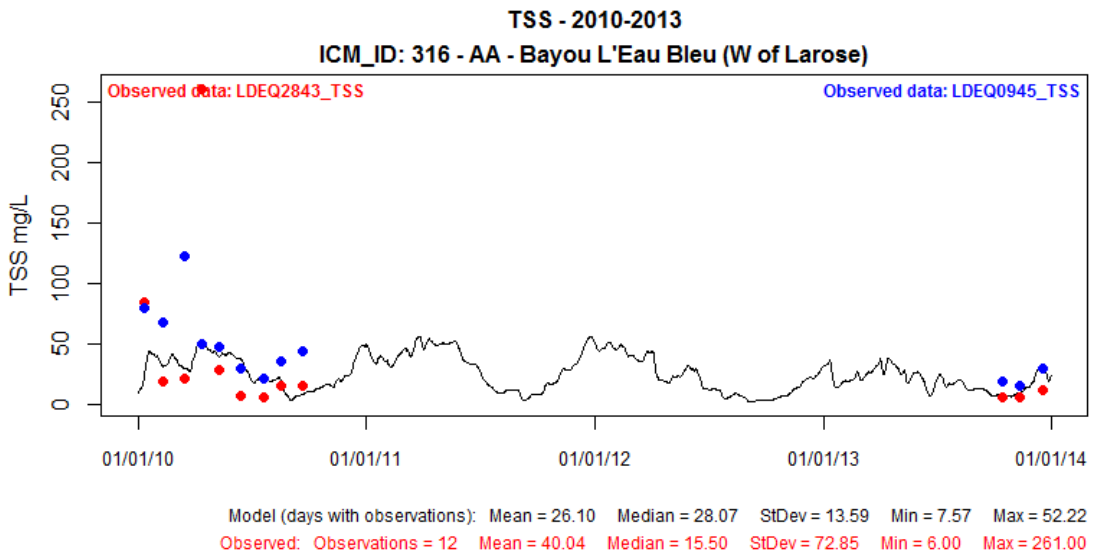

Figure 109: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 316 Compared to Observed Data at LDEQ2843 for Calibration Period 2010-2013.

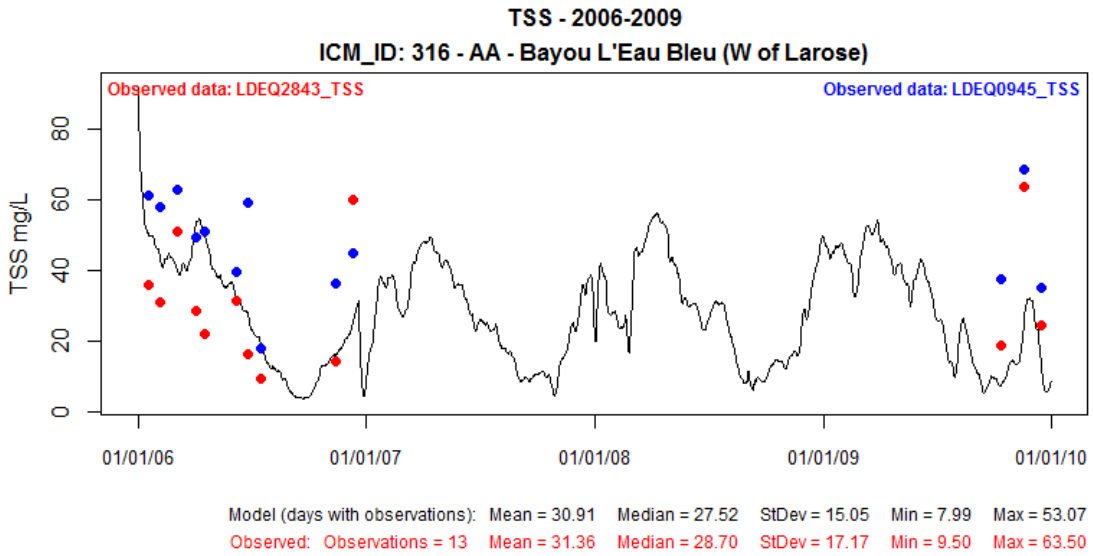

Figure 110: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 316 Compared to Observed Data at LDEQ2843 for Validation Period 2006-2009.

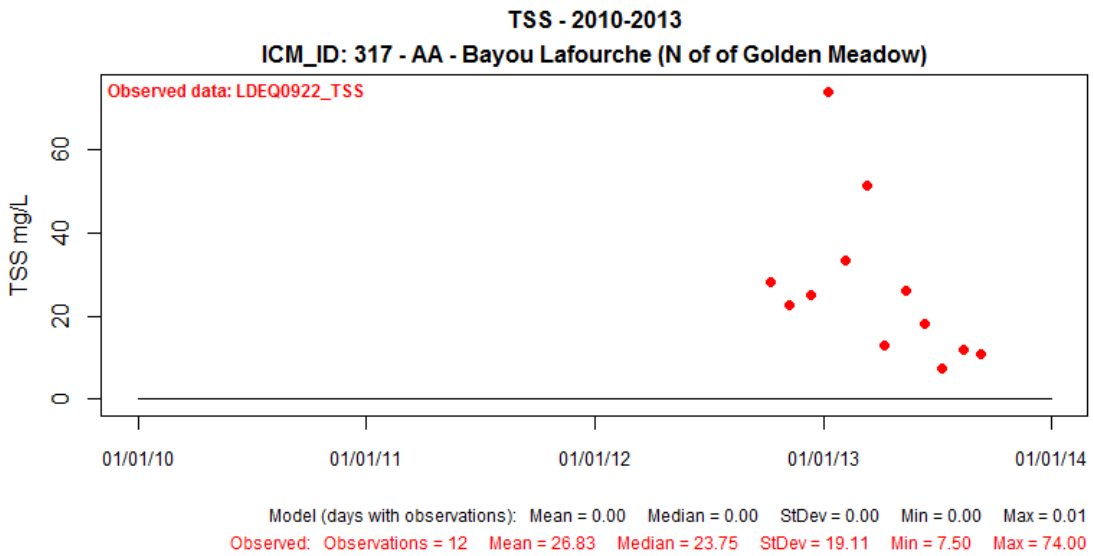

Figure 111: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 317 Compared to Observed Data at LDEQ0922 for Calibration Period 2010-2013.

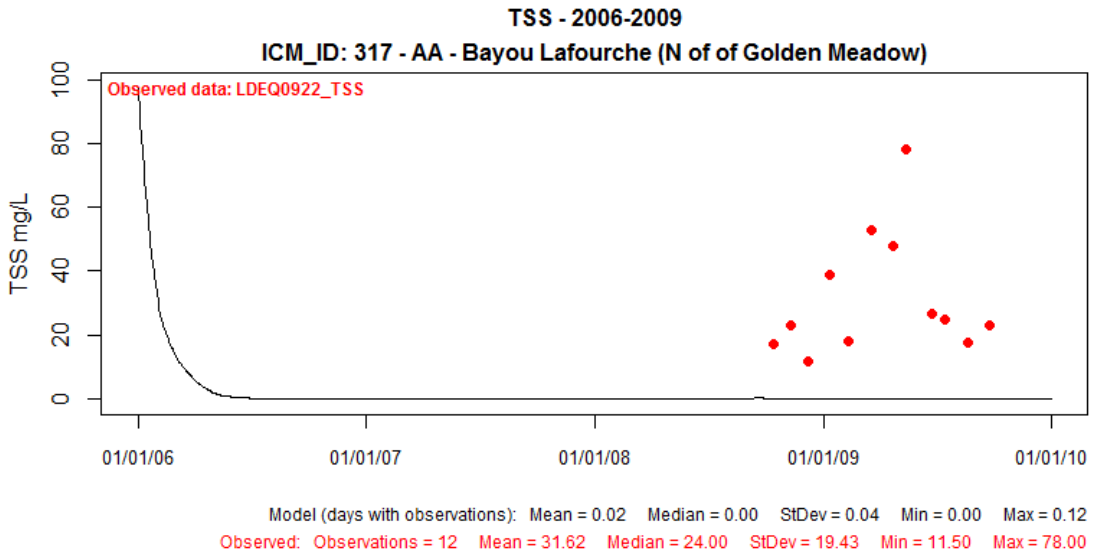

Figure 112: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 317 Compared to Observed Data at LDEQ0922 for Validation Period 2006-2009.

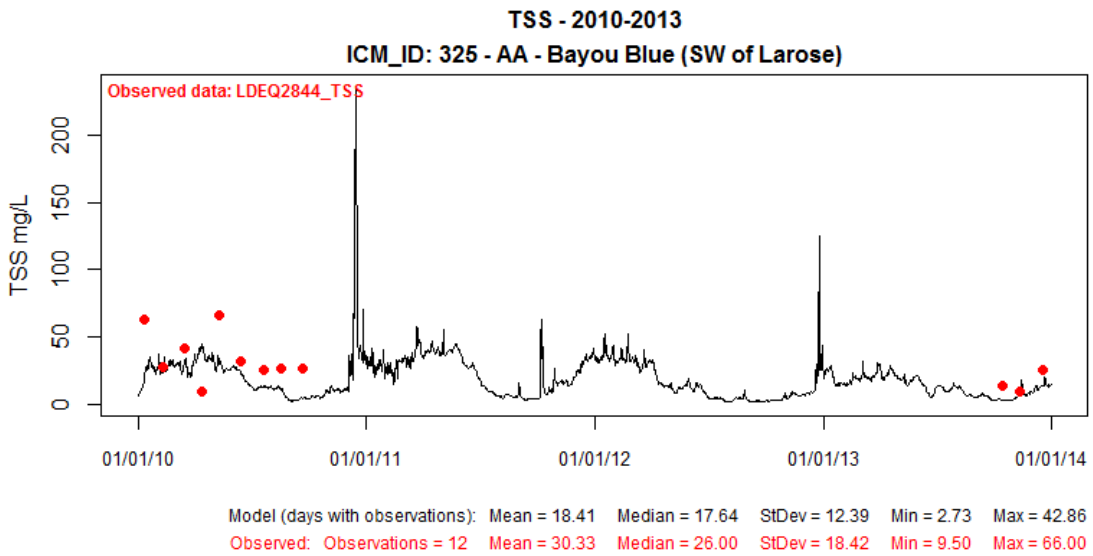

Figure 113: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 325 Compared to Observed Data at LDEQ2844 for Calibration Period 2010-2013.

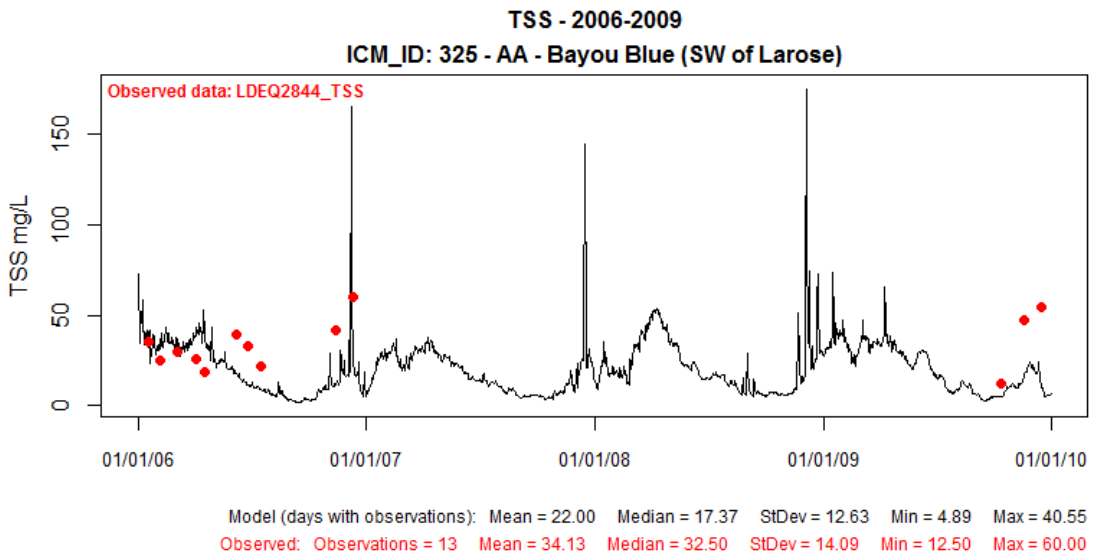

Figure 114: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 325 Compared to Observed Data at LDEQ2844 for Validation Period 2006-2009.

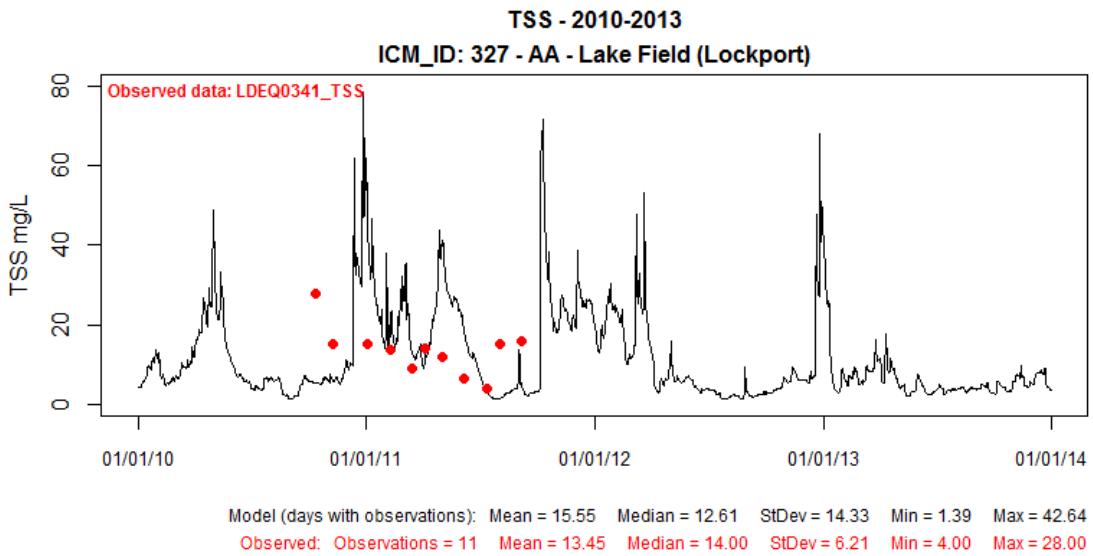

Figure 115: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 327 Compared to Observed Data at LDEQ0341 for Calibration Period 2010-2013.

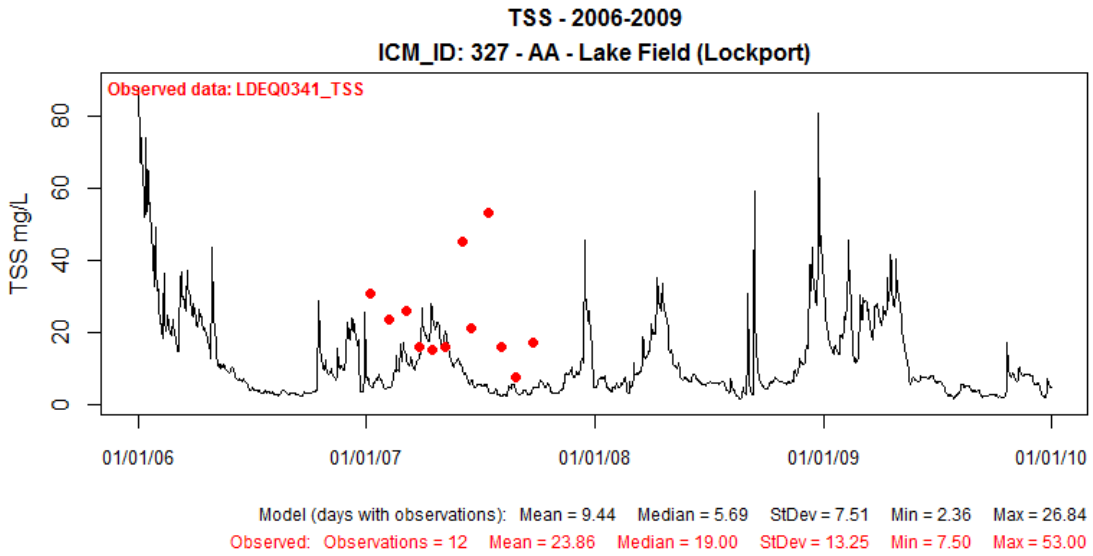

Figure 116: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 327 Compared to Observed Data at LDEQ0341 for Validation Period 2006-2009.

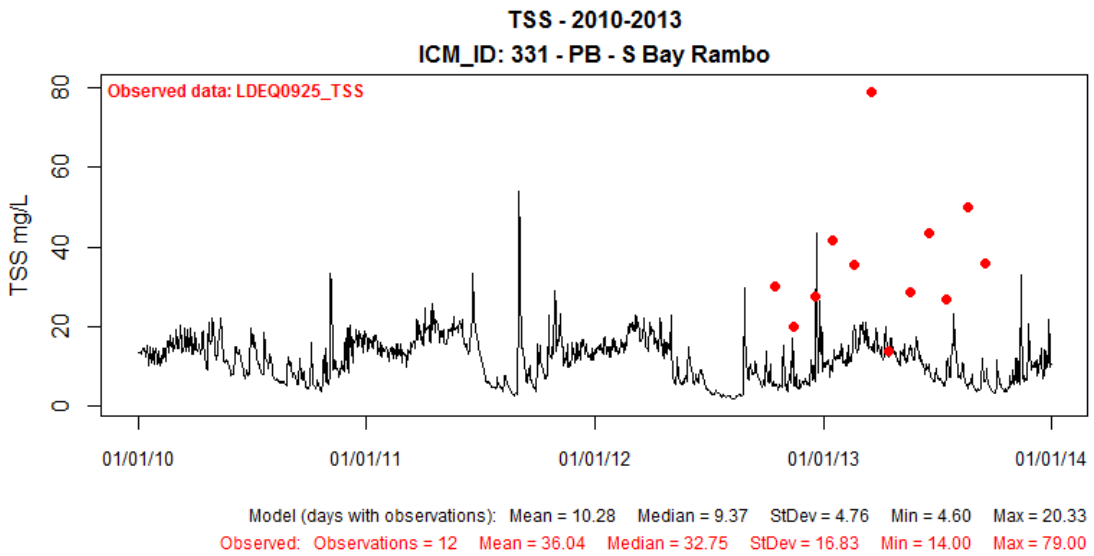

Figure 117: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 331 Compared to Observed Data at LDEQ0925 for Calibration Period 2010-2013.

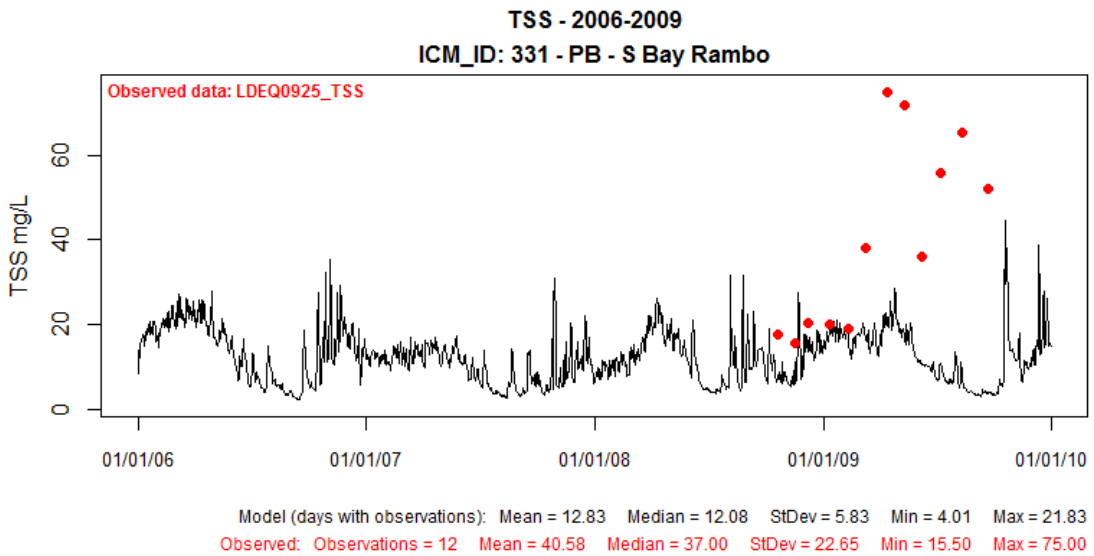

Figure 118: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 331 Compared to Observed Data at LDEQ0925 for Validation Period 2006-2009.

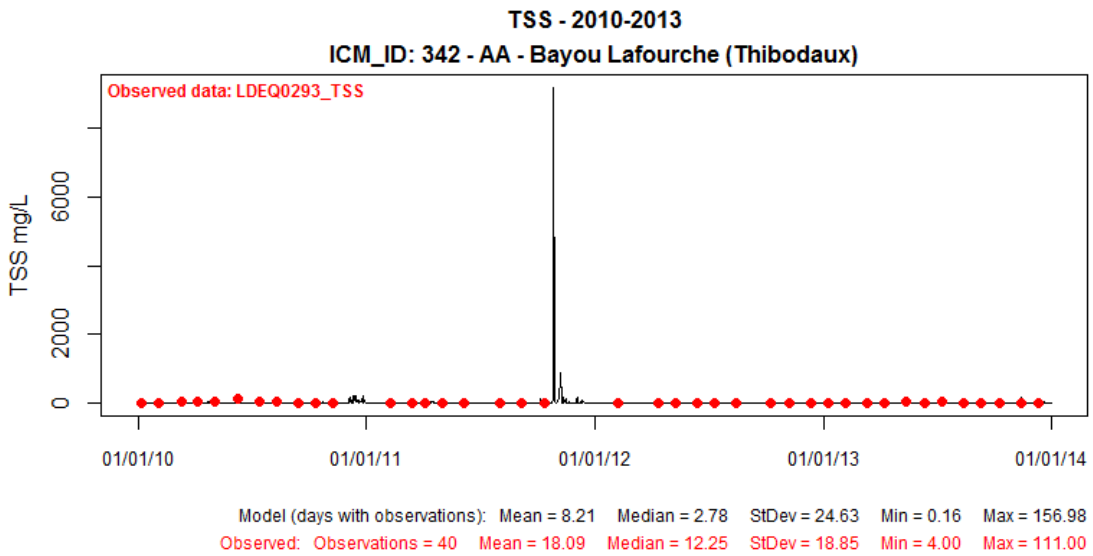

Figure 119: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 342 Compared to Observed Data at LDEQ0293 for Calibration Period 2010-2013.

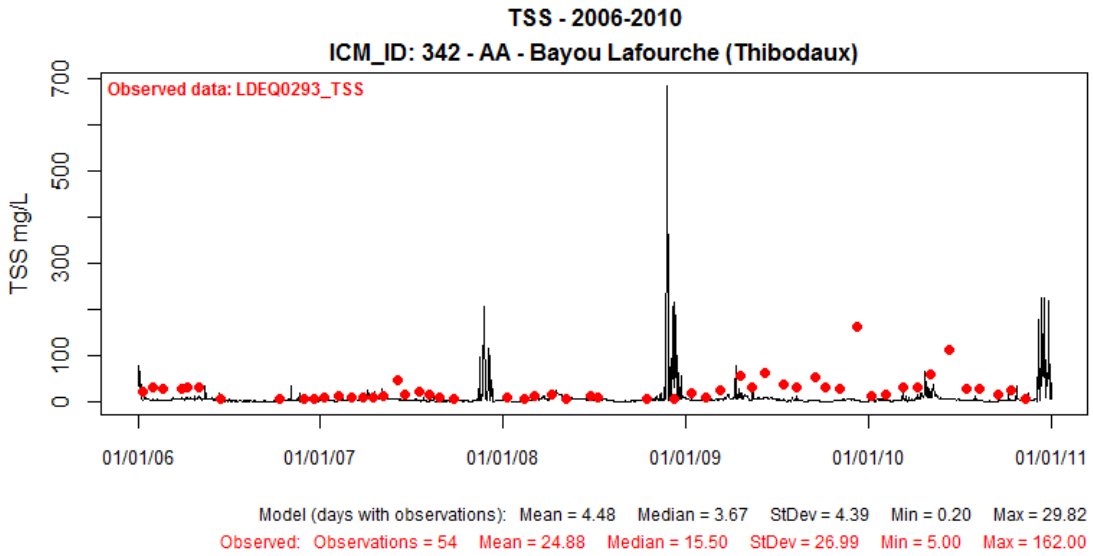

Figure 120: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 342 Compared to Observed Data at LDEQ0293 for Validation Period 2006-2009.

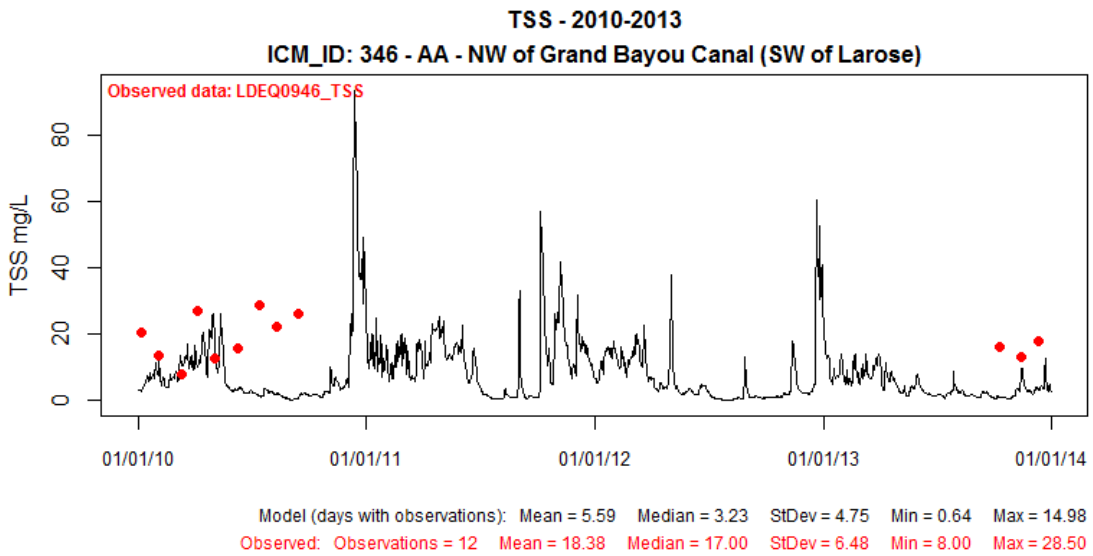

Figure 121: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 346 Compared to Observed Data at LDEQ0946 for Calibration Period 2010-2013.

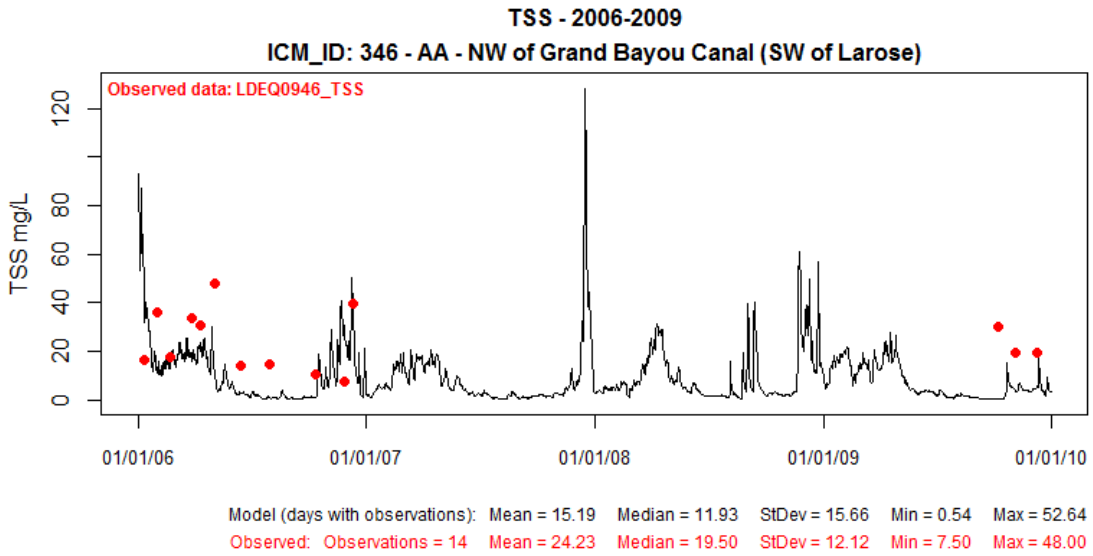

Figure 122: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 346 Compared to Observed Data at LDEQ0946 for Validation Period 2006-2009.

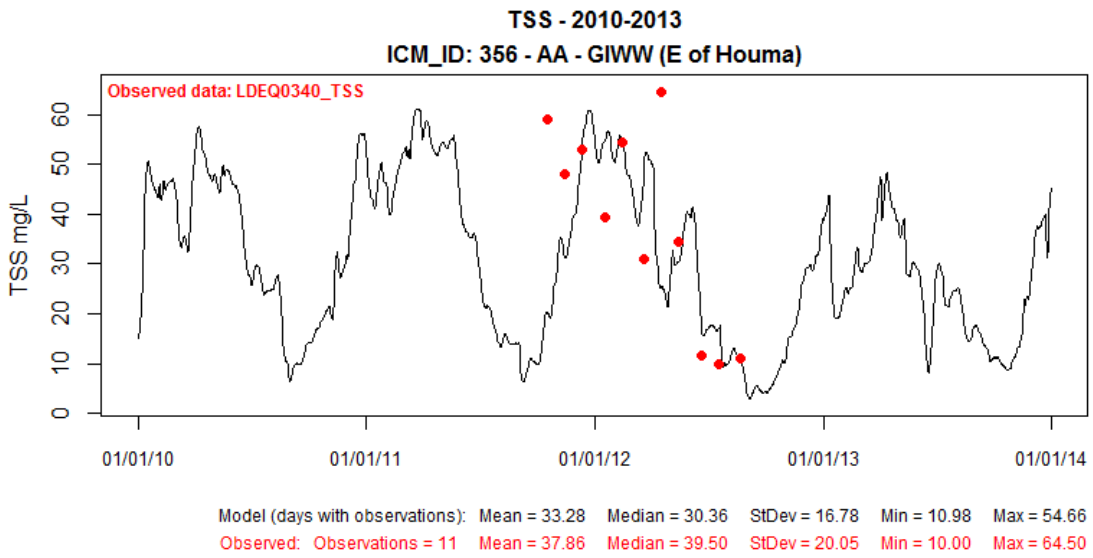

Figure 123: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 356 Compared to Observed Data at LDEQ0340 for Calibration Period 2010-2013.

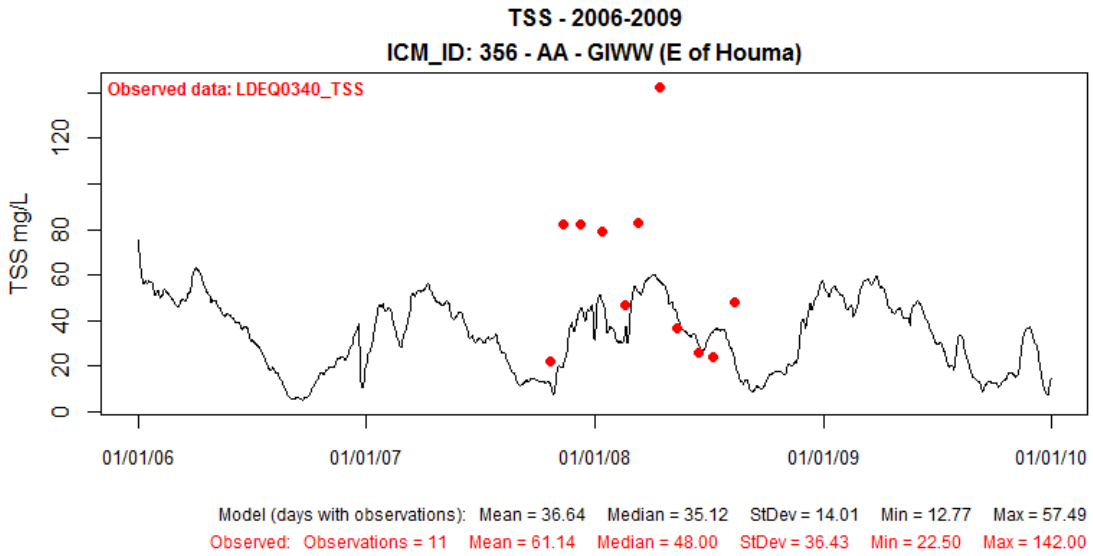

Figure 124: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 356 Compared to Observed Data at LDEQ0340 for Validation Period 2006-2009.

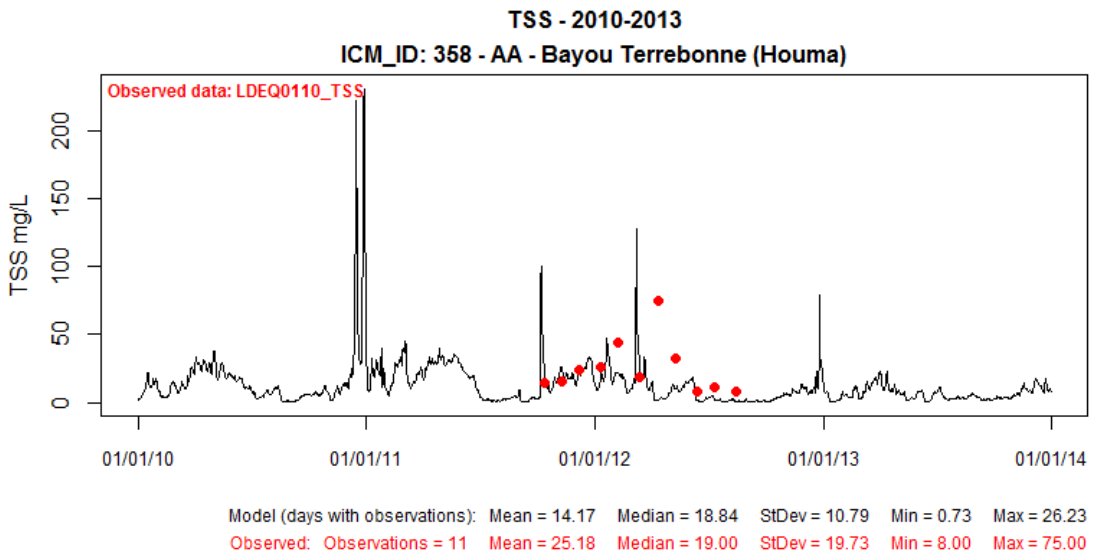

Figure 125: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 358 Compared to Observed Data at LDEQ0110 for Calibration Period 2010-2013.

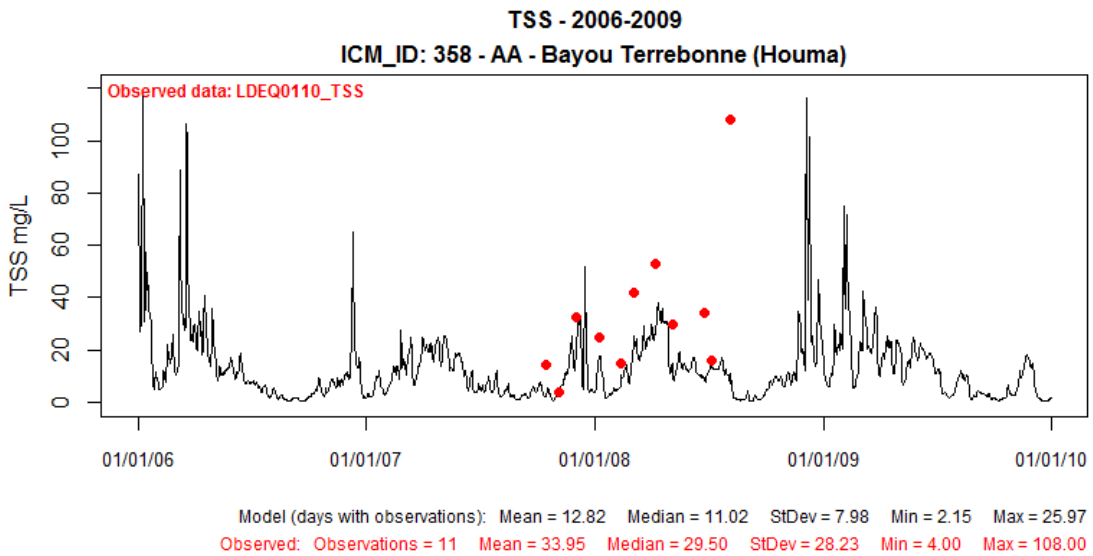

Figure 126: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 358 Compared to Observed Data at LDEQ0110 for Validation Period 2006-2009.

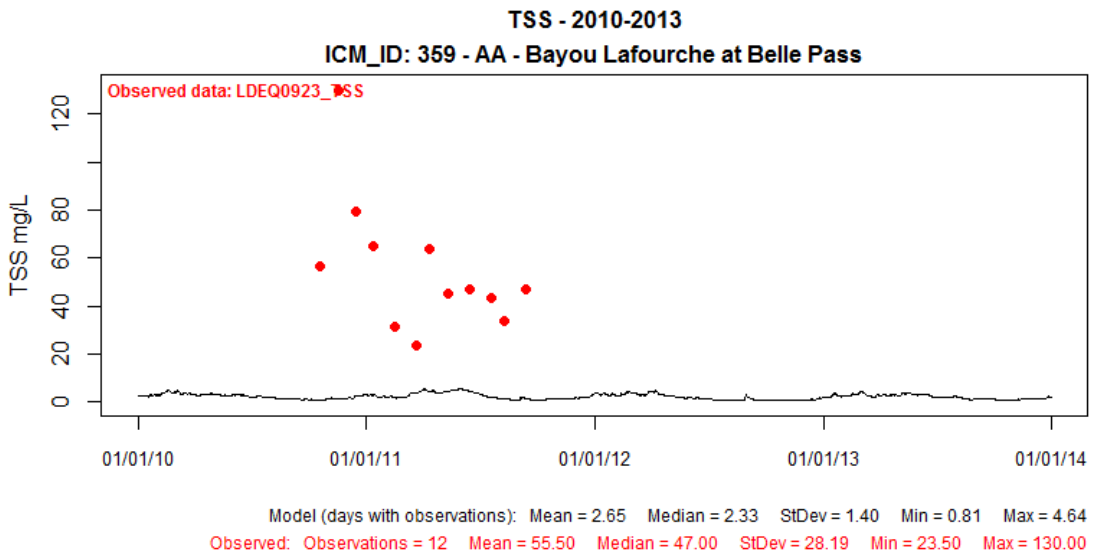

Figure 127: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 359 Compared to Observed Data at LDEQ0923 for Calibration Period 2010-2013.

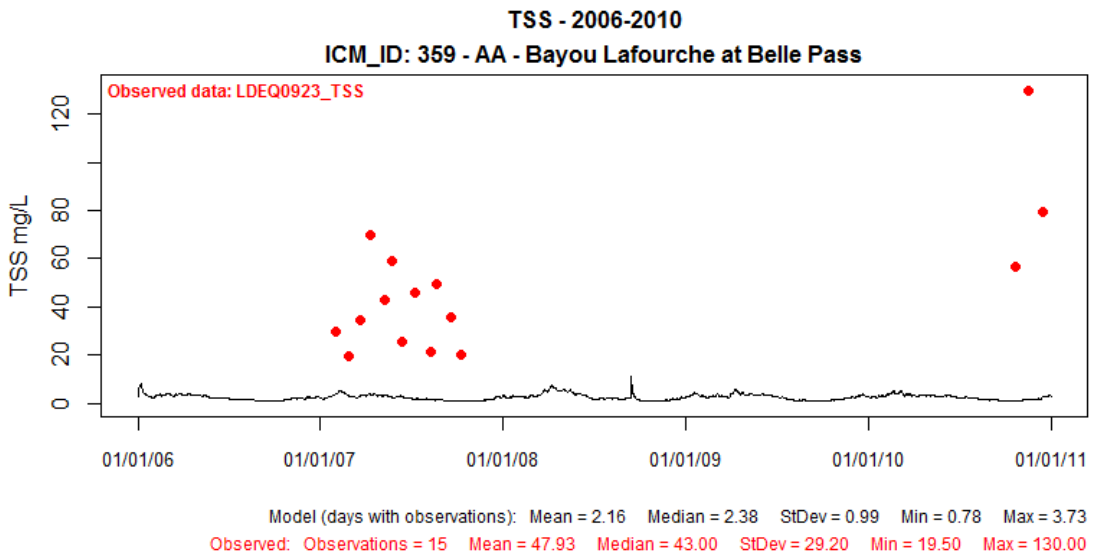

Figure 128: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 359 Compared to Observed Data at LDEQ0923 for Validation Period 2006-2009.

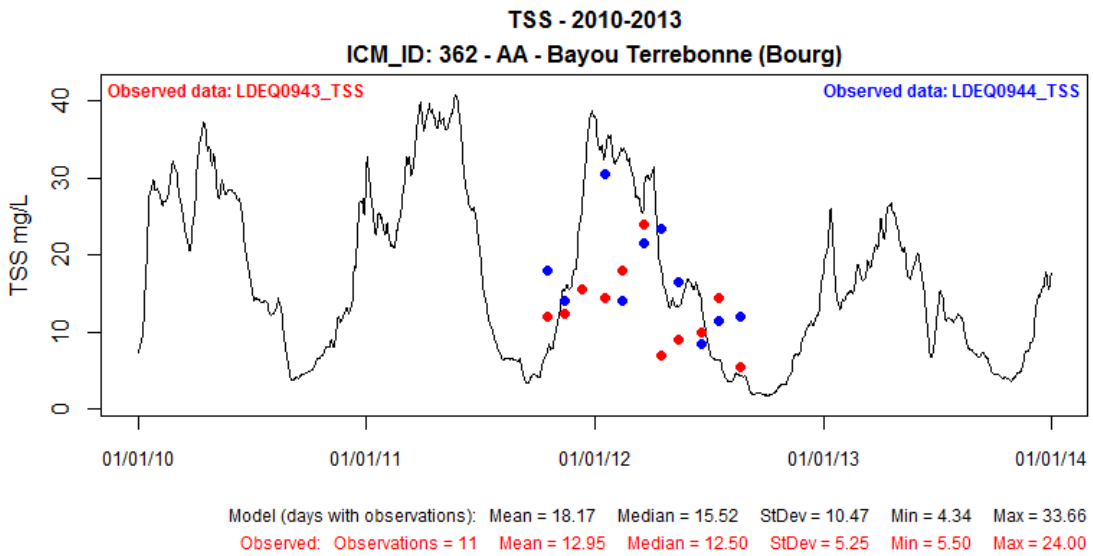

Figure 129: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 362 Compared to Observed Data at LDEQ0943 for Calibration Period 2010-2013.

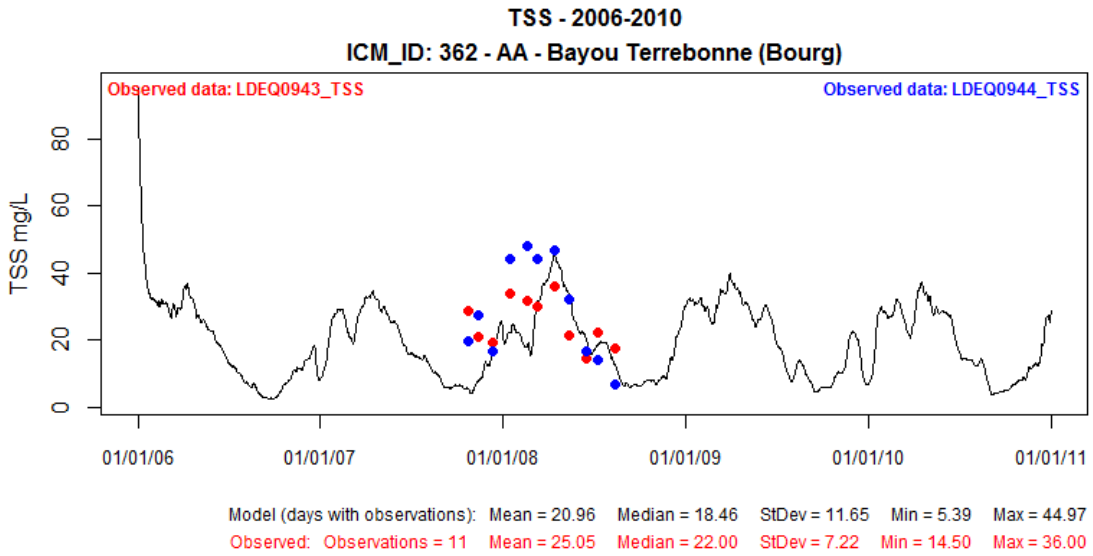

Figure 130: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 362 Compared to Observed Data at LDEQ0943 for Validation Period 2006-2009.

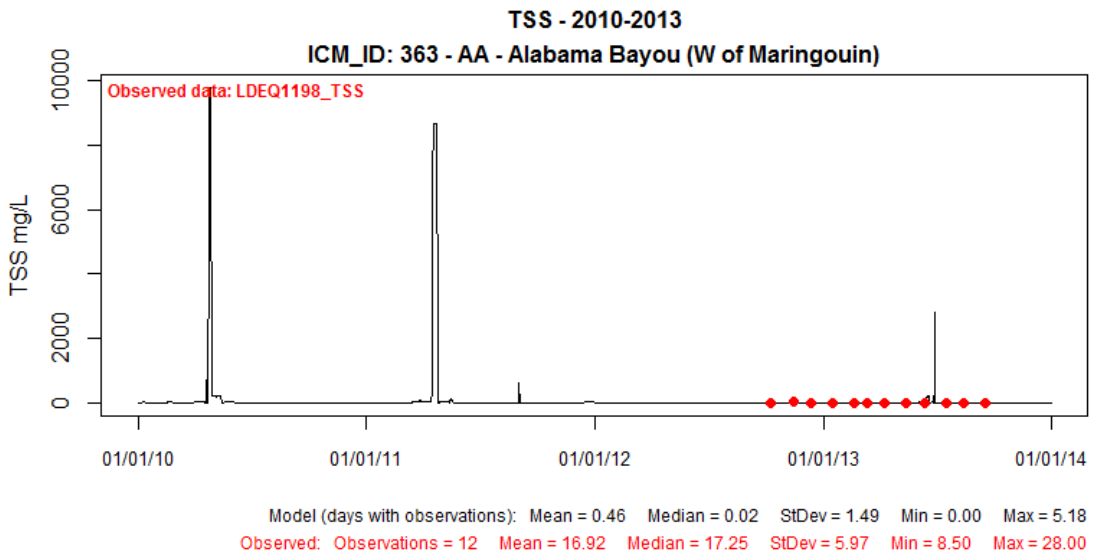

Figure 131: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 363 Compared to Observed Data at LDEQ1198 for Calibration Period 2010-2013.

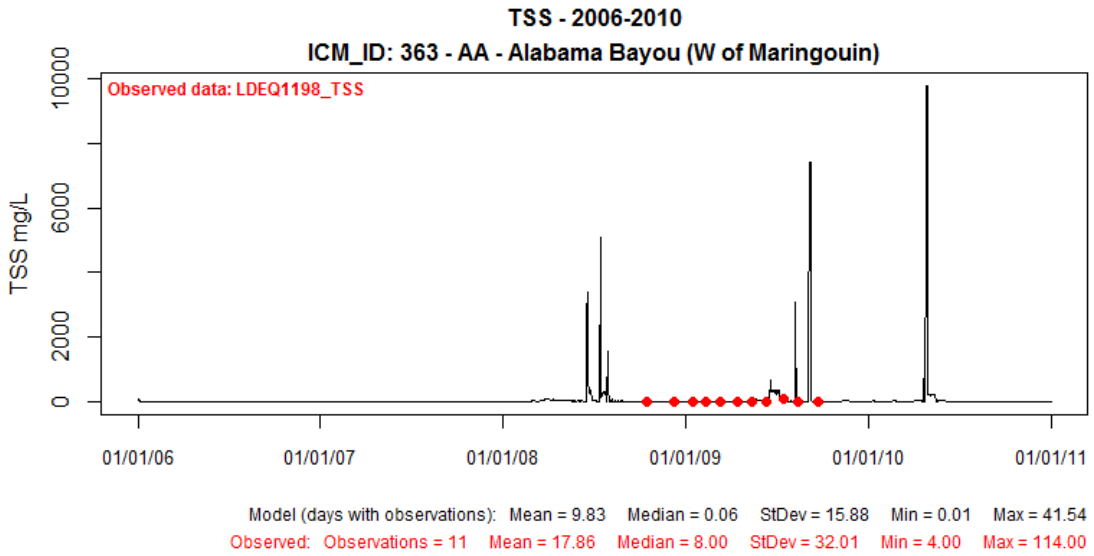

Figure 132: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 363 Compared to Observed Data at LDEQ1198 for Validation Period 2006-2009.

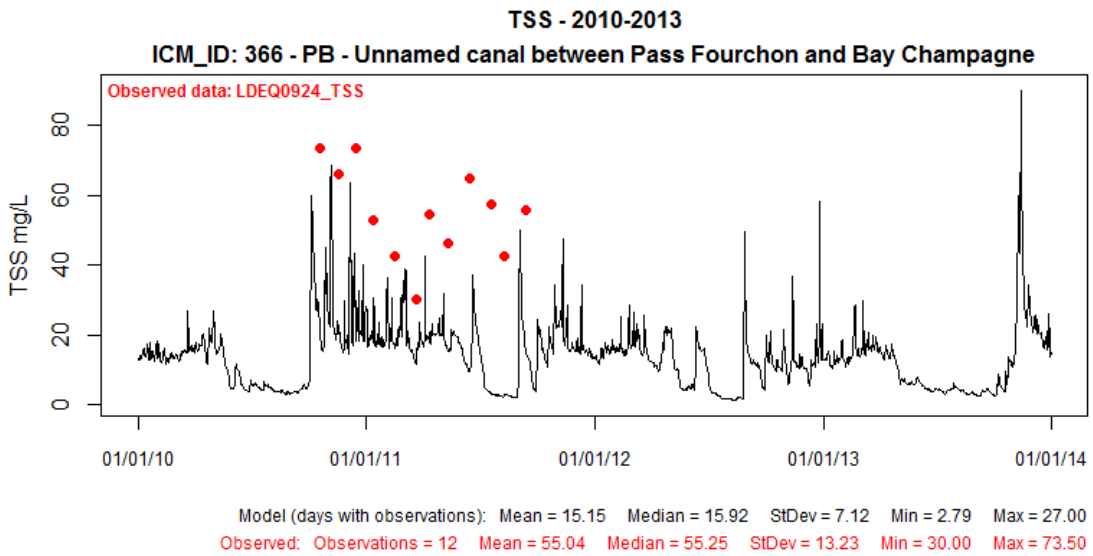

Figure 133: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 366 Compared to Observed Data at LDEQ0924 for Calibration Period 2010-2013.

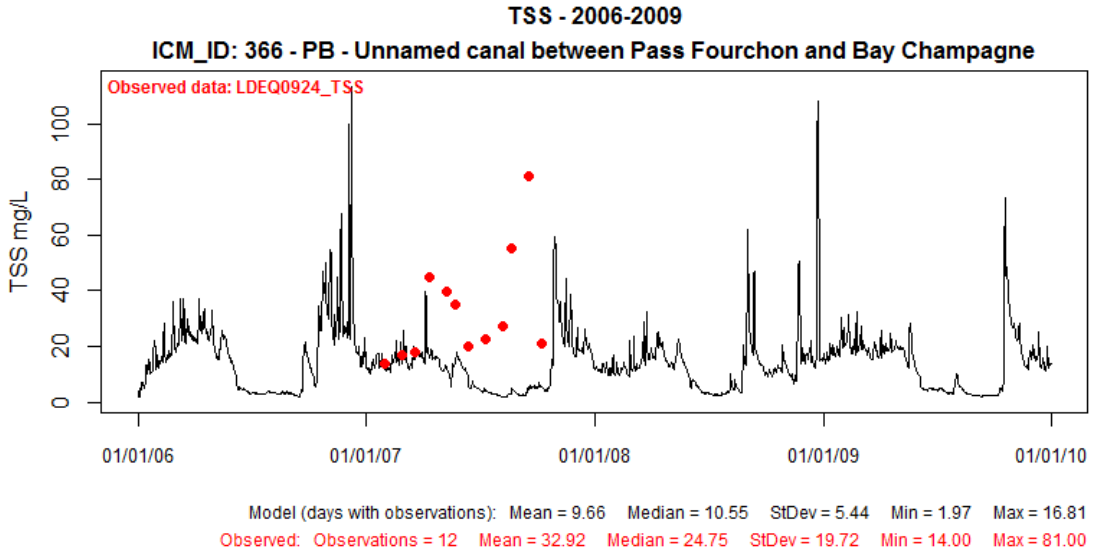

Figure 134: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 366 Compared to Observed Data at LDEQ0924 for Validation Period 2006-2009.

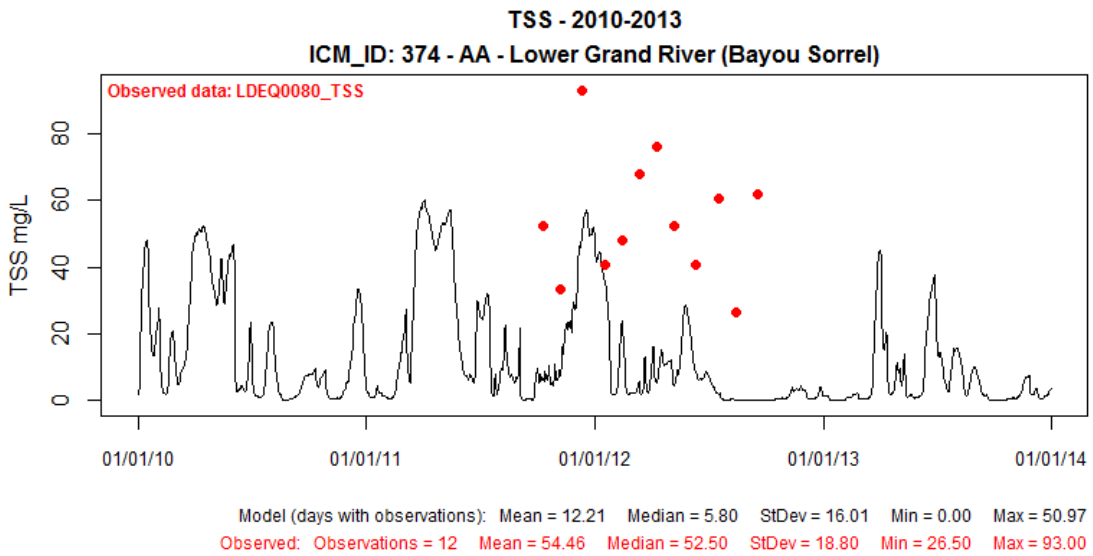

Figure 135: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 374 Compared to Observed Data at LDEQ0080 for Calibration Period 2010-2013.

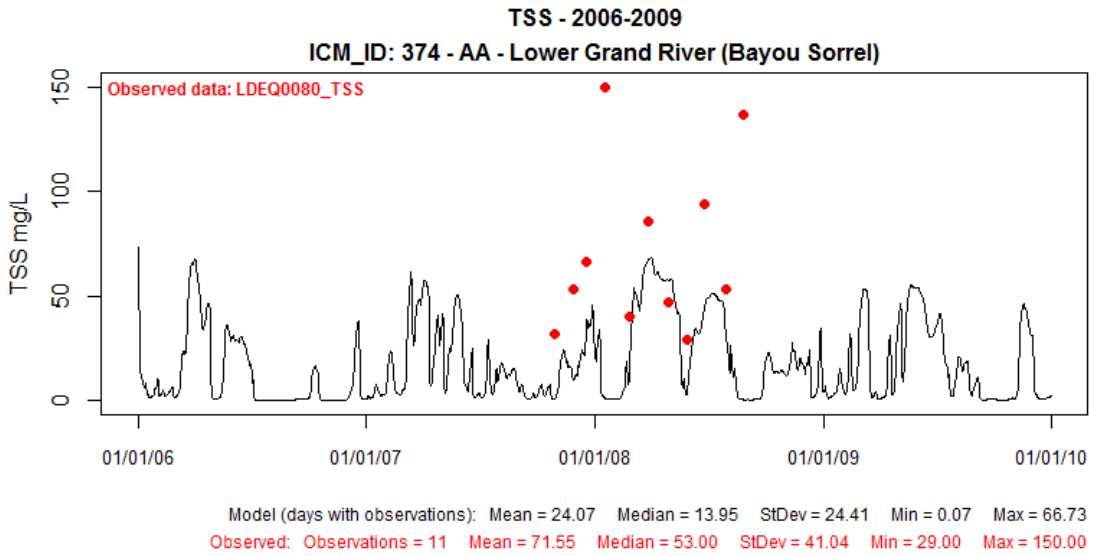

Figure 136: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 374 Compared to Observed Data at LDEQ0080 for Validation Period 2006-2009.

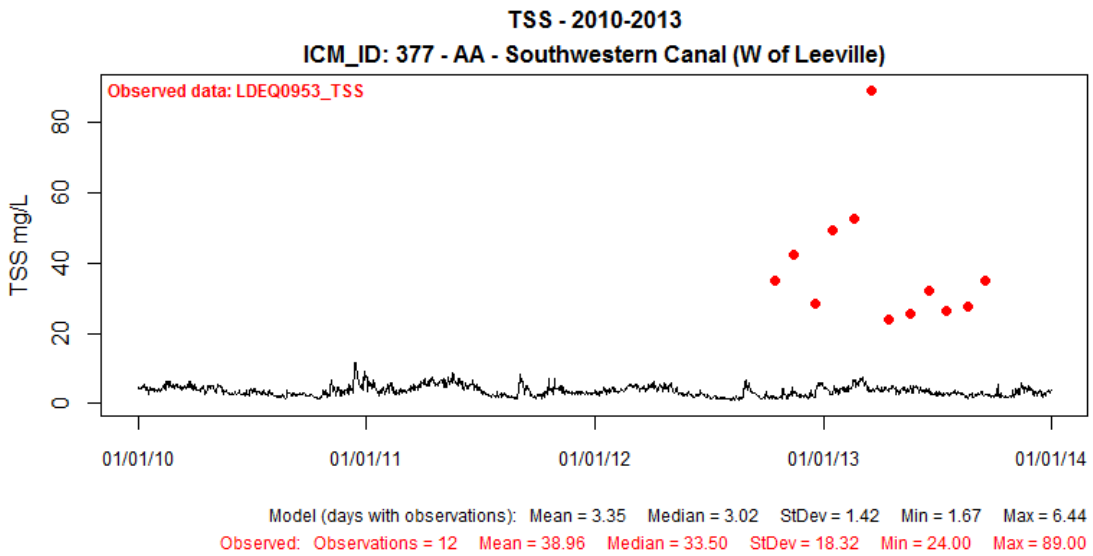

Figure 137: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 377 Compared to Observed Data at LDEQ0953 for Calibration Period 2010-2013.

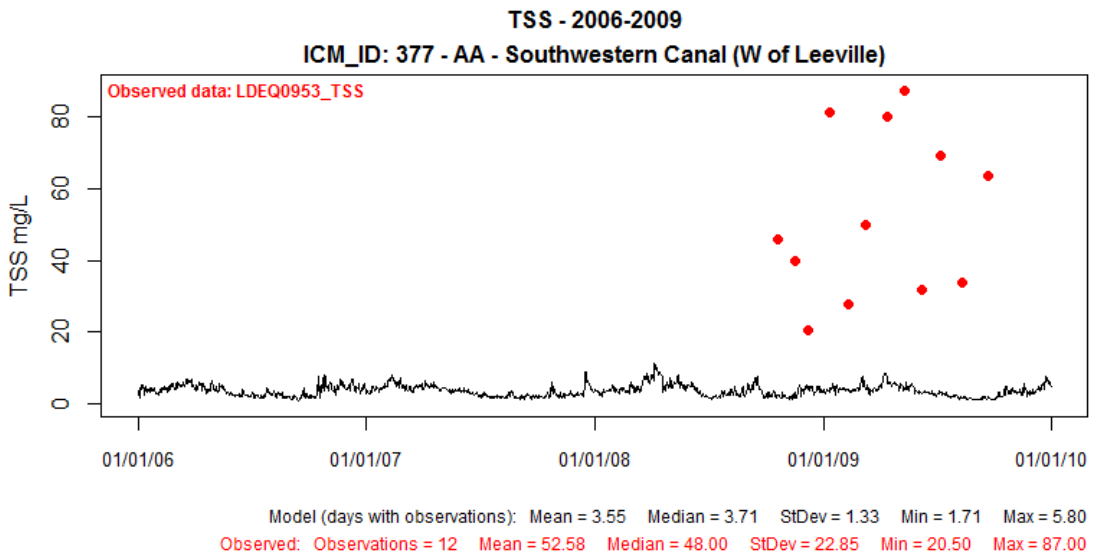

Figure 138: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 377 Compared to Observed Data at LDEQ0953 for Validation Period 2006-2009.

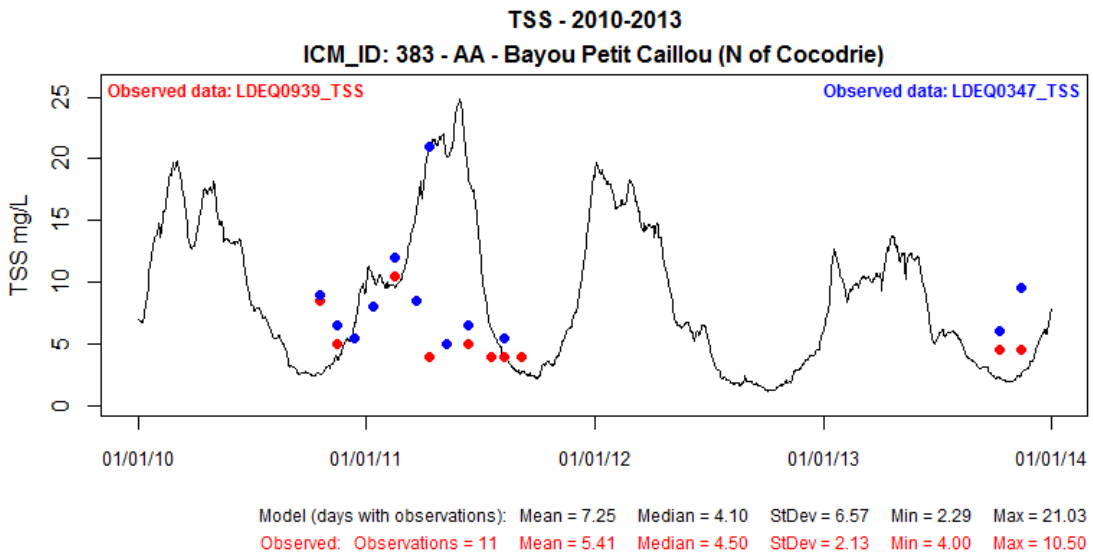

Figure 139: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 383 Compared to Observed Data at LDEQ0939 for Calibration Period 2010-2013.

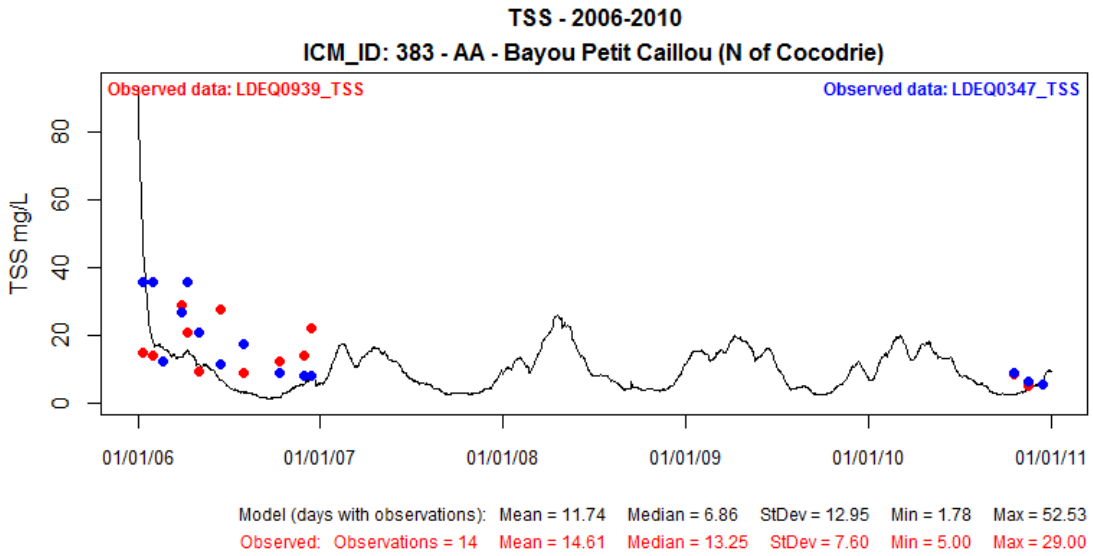

Figure 140: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 383 Compared to Observed Data at LDEQ0939 for Validation Period 2006-2009.

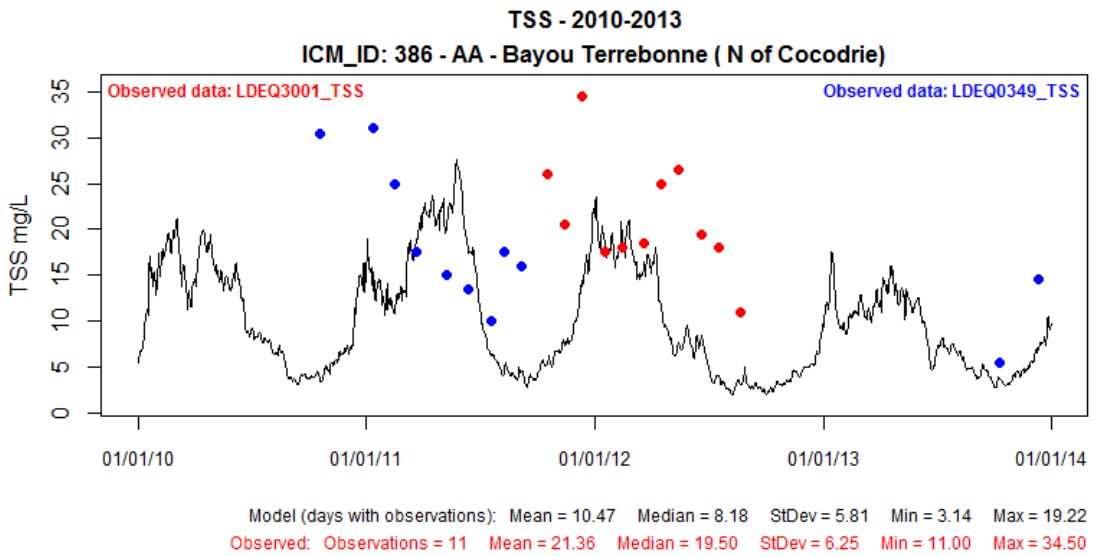

Figure 141: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 386 Compared to Observed Data at LDEQ3001 for Calibration Period 2010-2013.

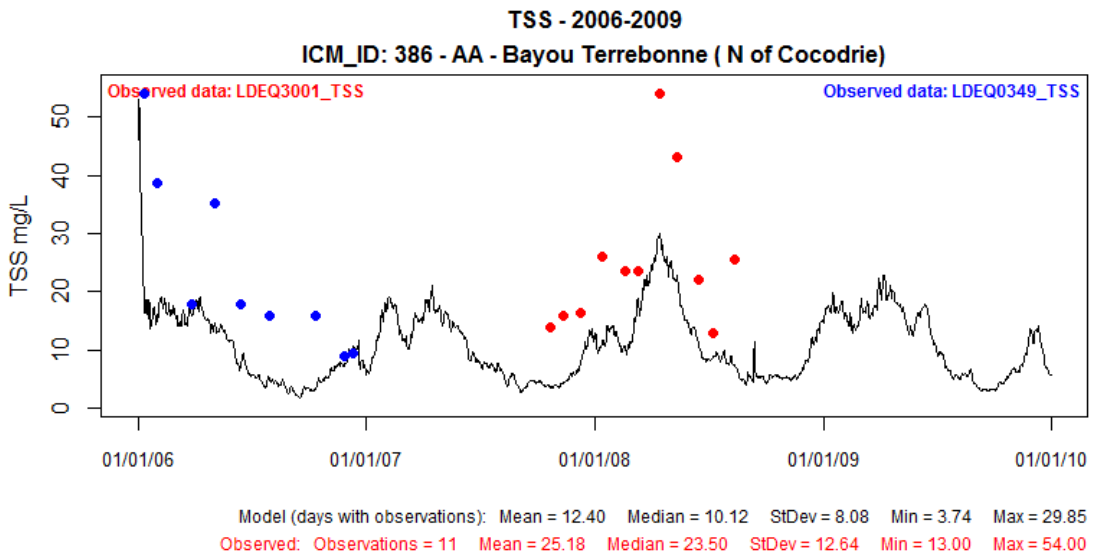

Figure 142: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 386 Compared to Observed Data at LDEQ3001 for Validation Period 2006-2009.

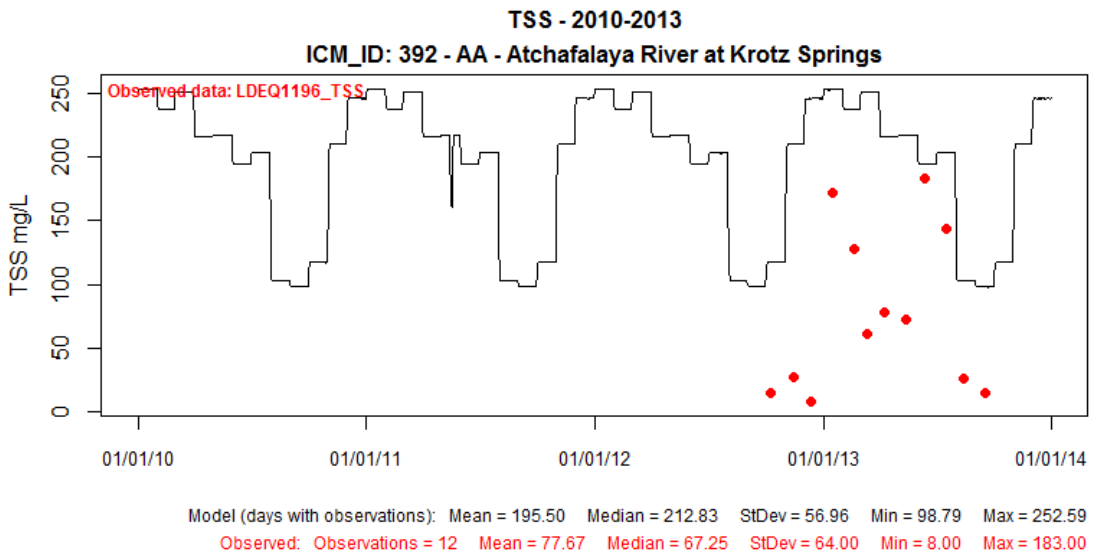

Figure 143: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 392 Compared to Observed Data at LDEQ1196 for Calibration Period 2010-2013.

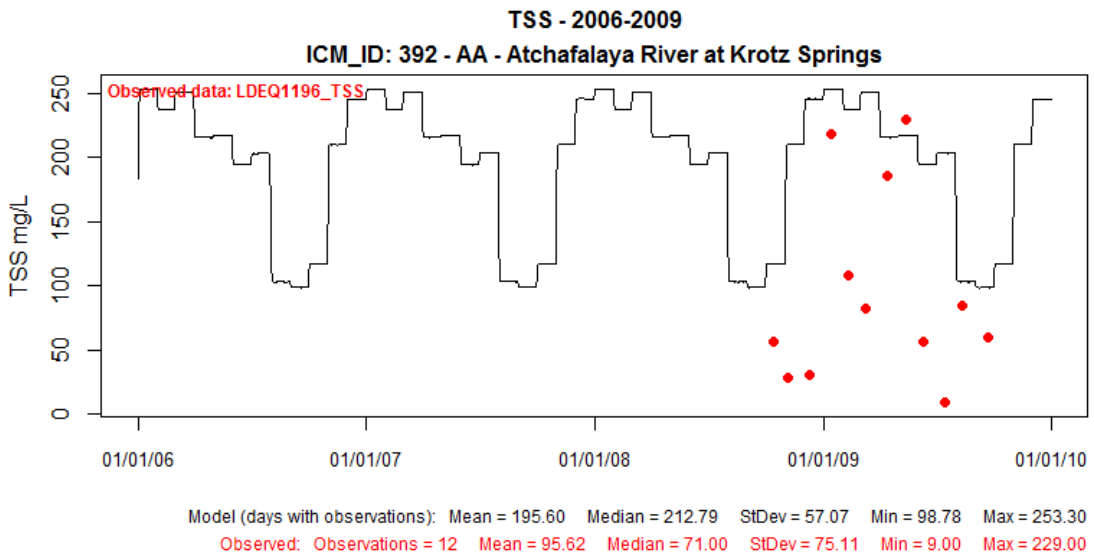

Figure 144: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 392 Compared to Observed Data at LDEQ1196 for Validation Period 2006-2009.

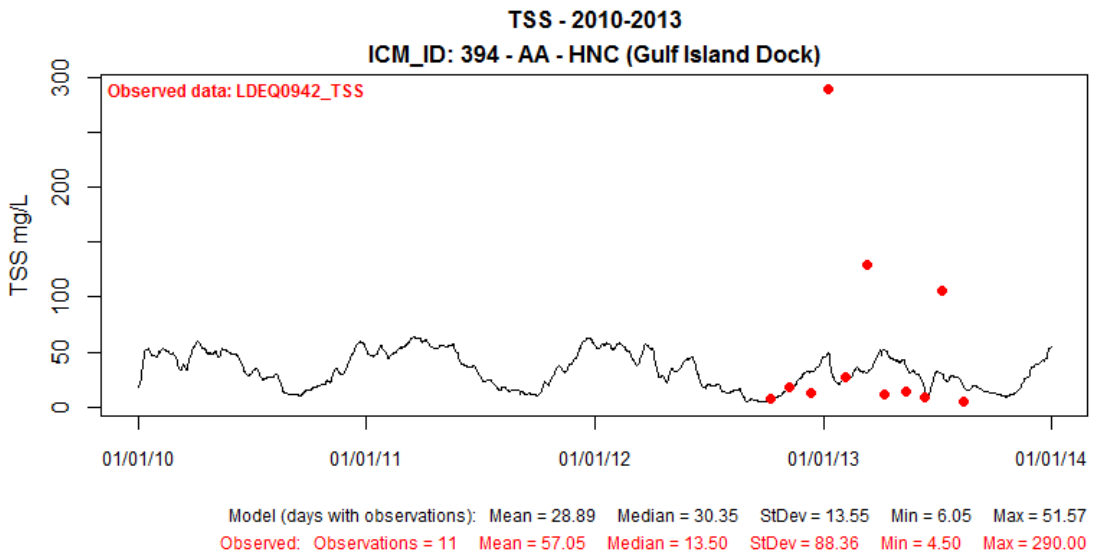

Figure 145: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 394 Compared to Observed Data at LDEQ0942 for Calibration Period 2010-2013.

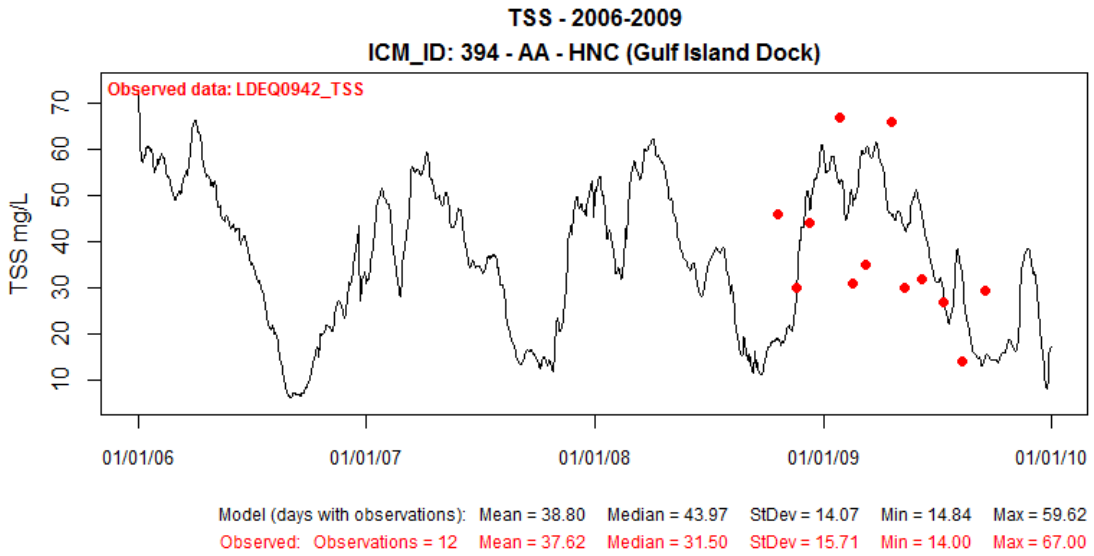

Figure 146: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 394 Compared to Observed Data at LDEQ0942 for Validation Period 2006-2009.

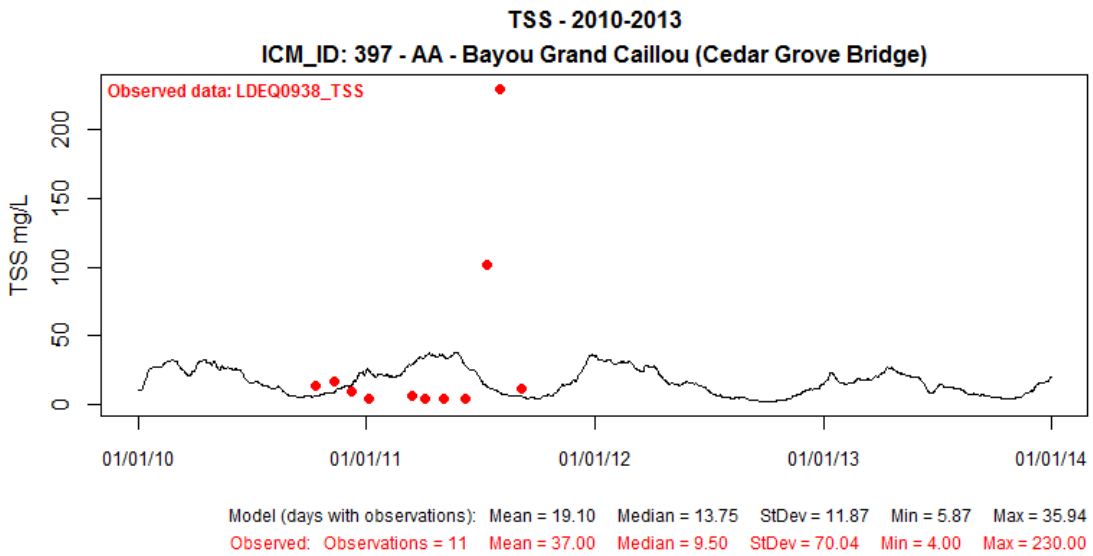

Figure 147: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 397 Compared to Observed Data at LDEQ0938 for Calibration Period 2010-2013.

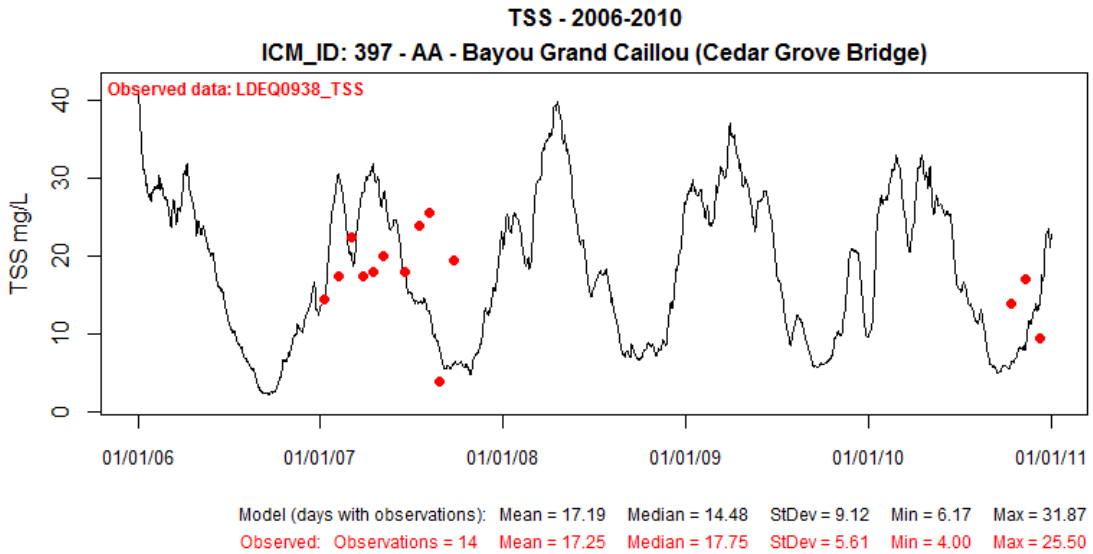

Figure 148: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 397 Compared to Observed Data at LDEQ0938 for Validation Period 2006-2009.

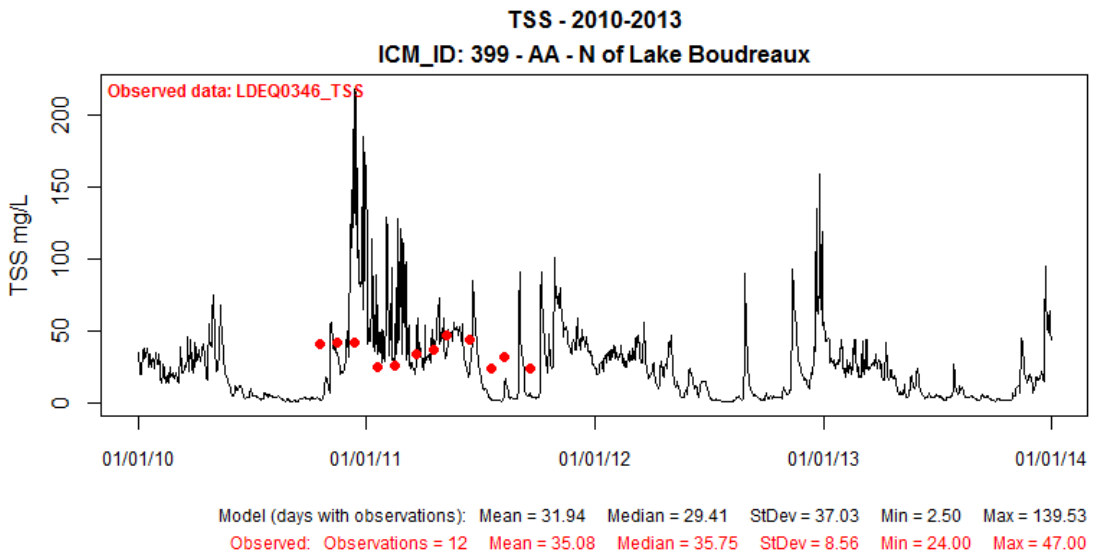

Figure 149: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 399 Compared to Observed Data at LDEQ0346 for Calibration Period 2010-2013.

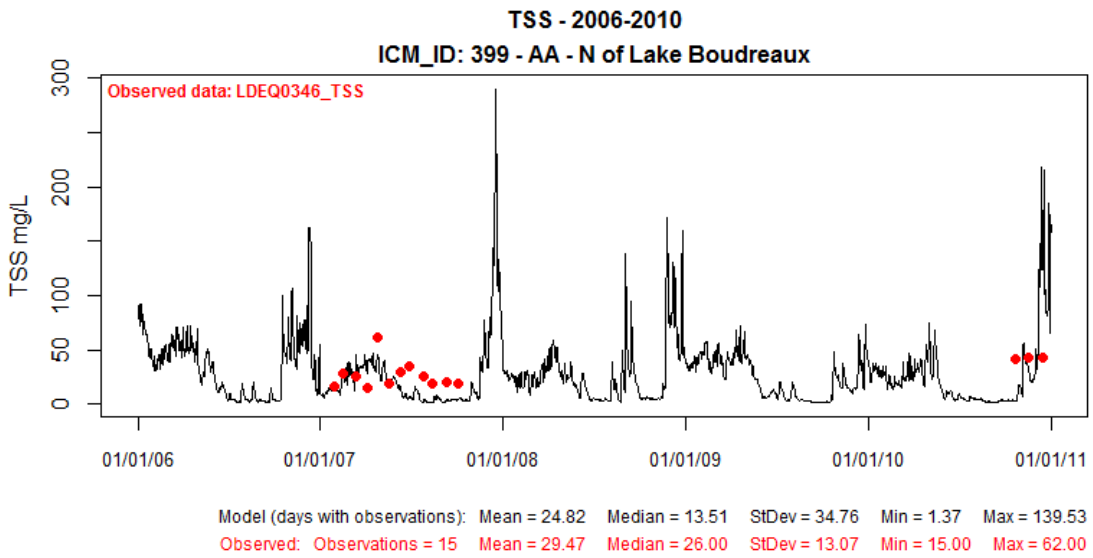

Figure 150: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 399 Compared to Observed Data at LDEQ0346 for Validation Period 2006-2009.

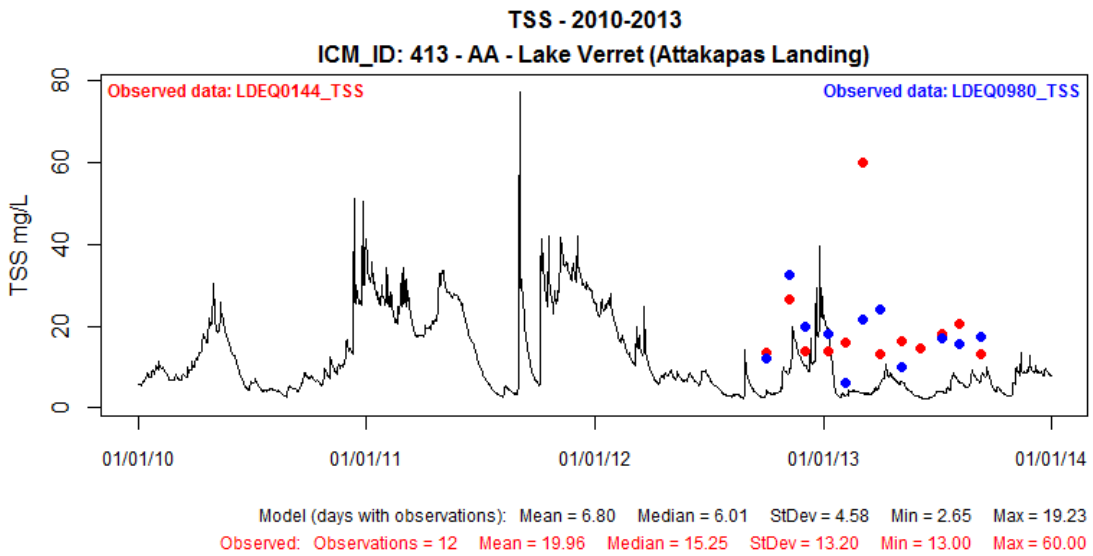

Figure 151: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 413 Compared to Observed Data at LDEQ0144 for Calibration Period 2010-2013.

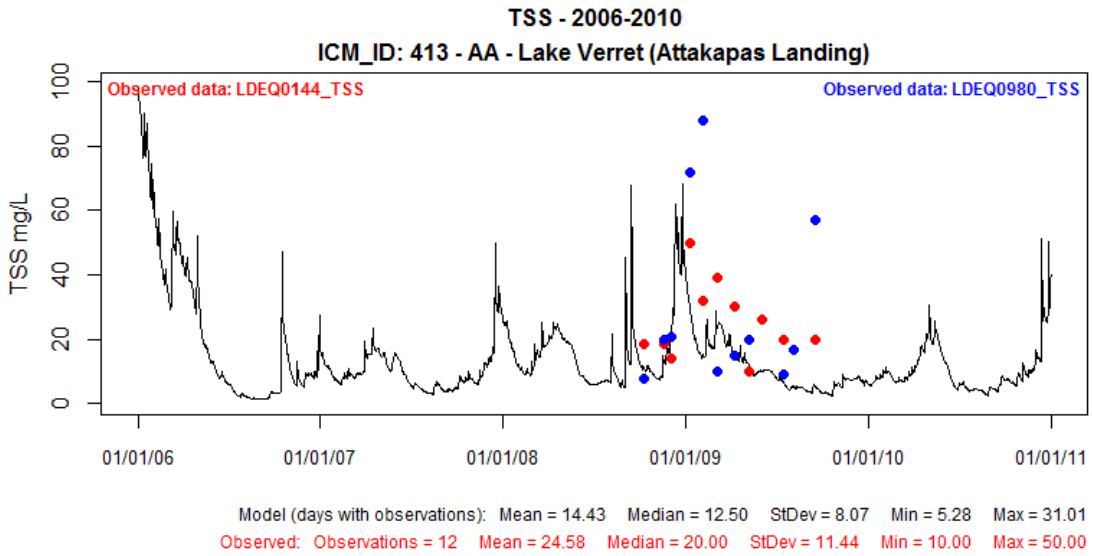

Figure 152: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 413 Compared to Observed Data at LDEQ0144 for Validation Period 2006-2009.

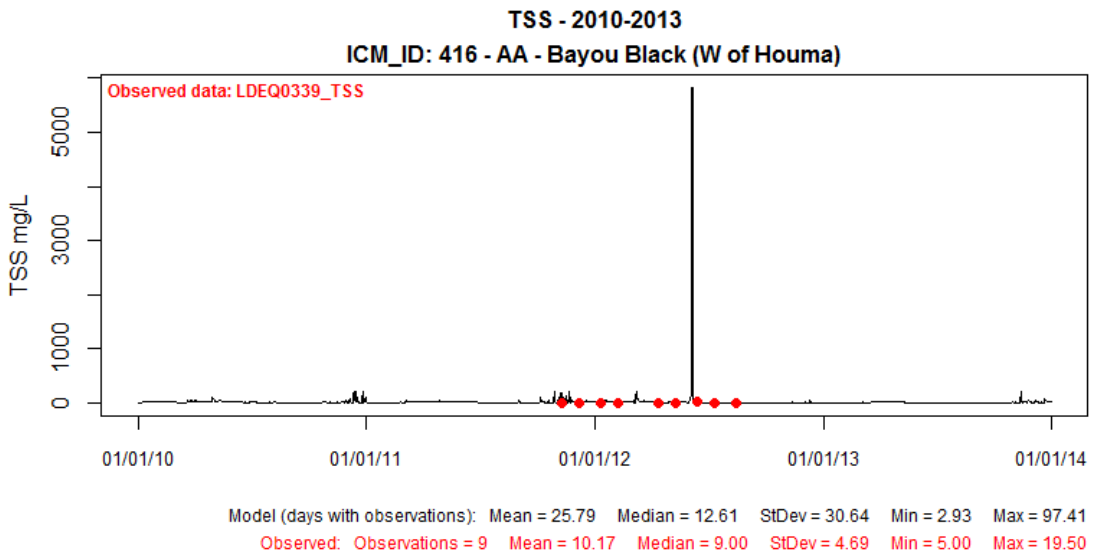

Figure 153: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 416 Compared to Observed Data at LDEQ0339 for Calibration Period 2010-2013.

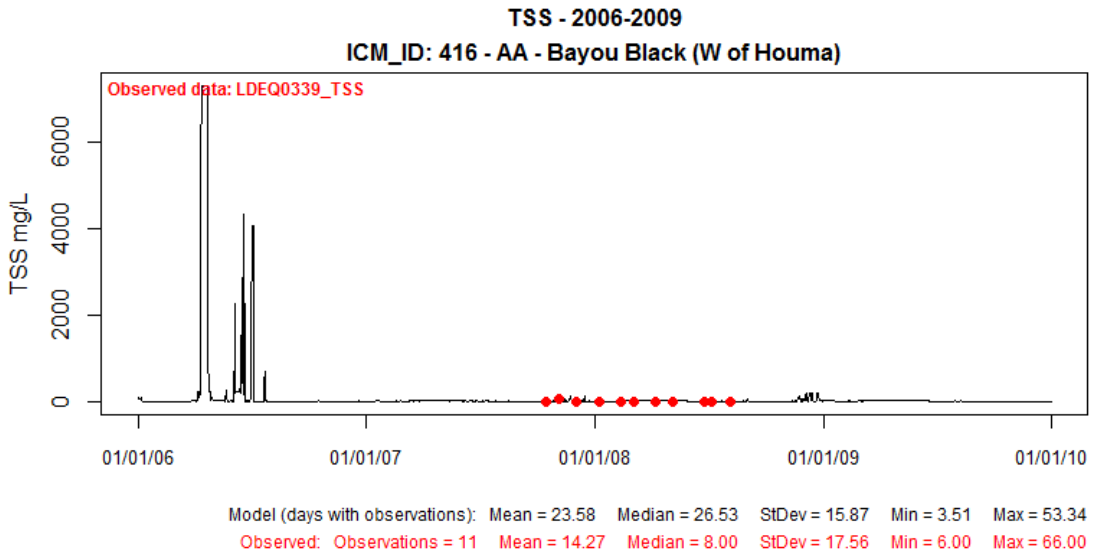

Figure 154: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 416 Compared to Observed Data at LDEQ0339 for Validation Period 2006-2009.

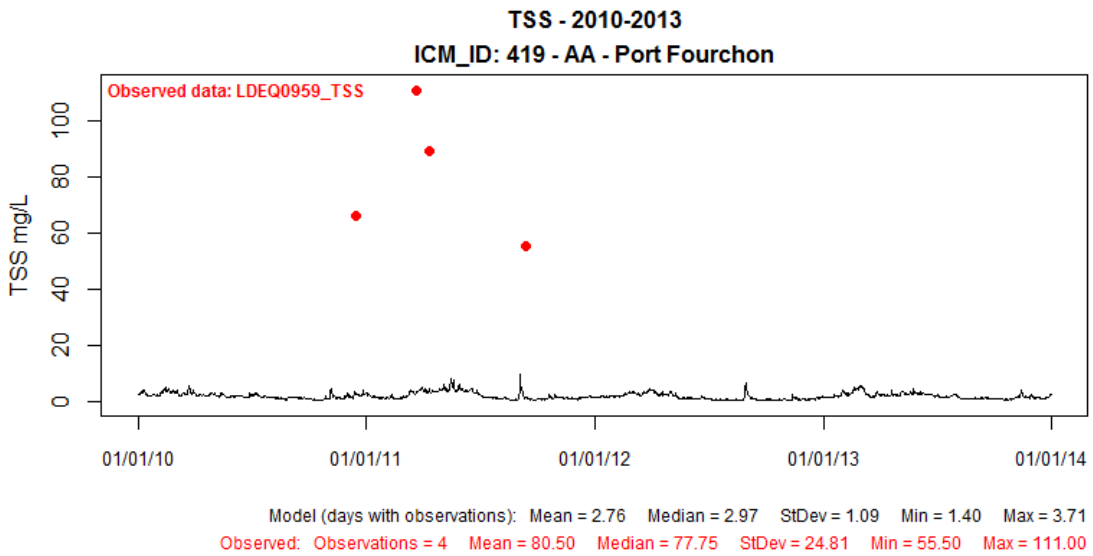

Figure 155: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 419 Compared to Observed Data at LDEQ0959 for Calibration Period 2010-2013.

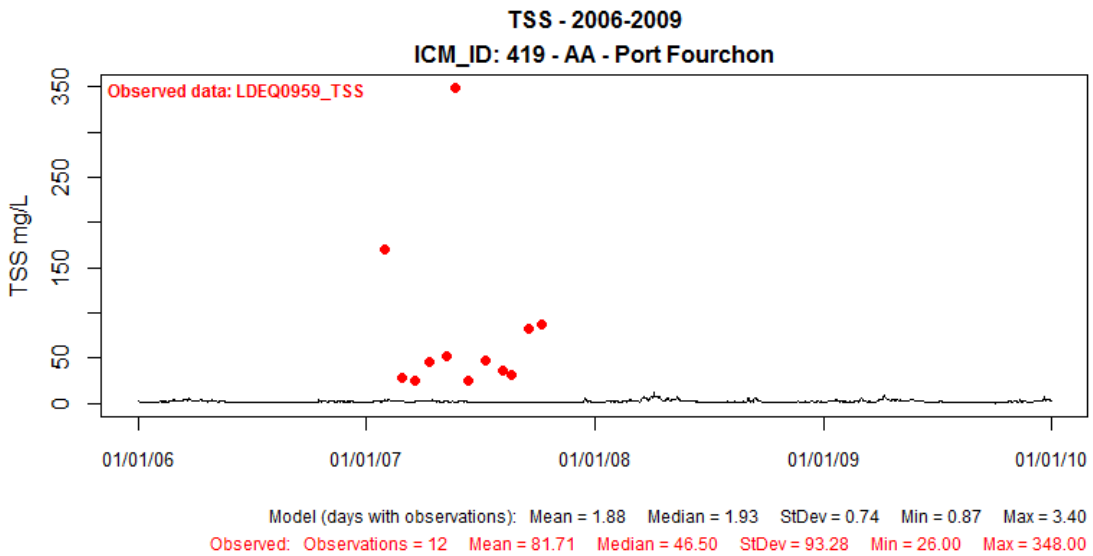

Figure 156: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 419 Compared to Observed Data at LDEQ0959 for Validation Period 2006-2009.

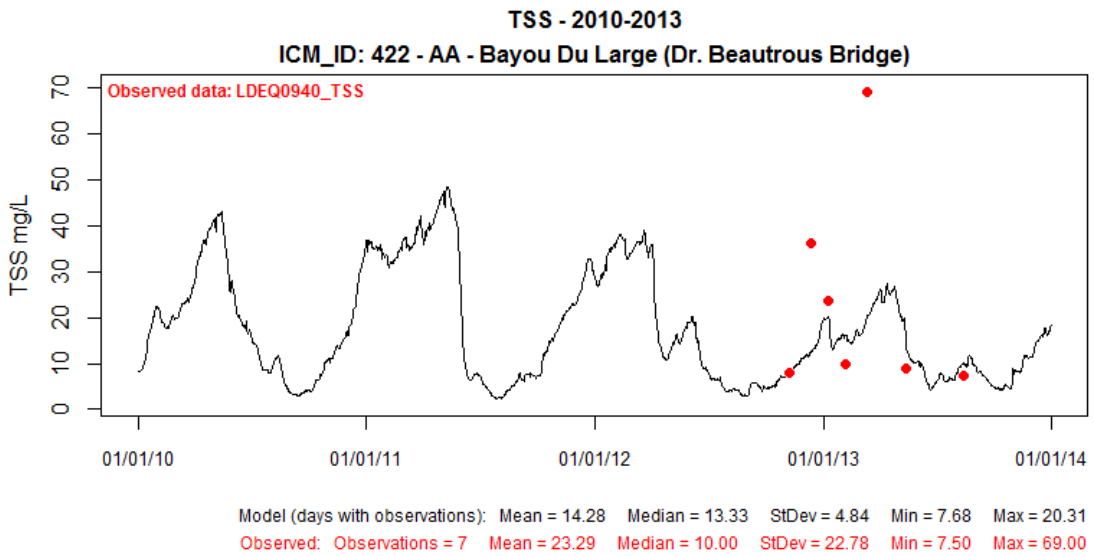

Figure 157: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 422 Compared to Observed Data at LDEQ0940 for Calibration Period 2010-2013.

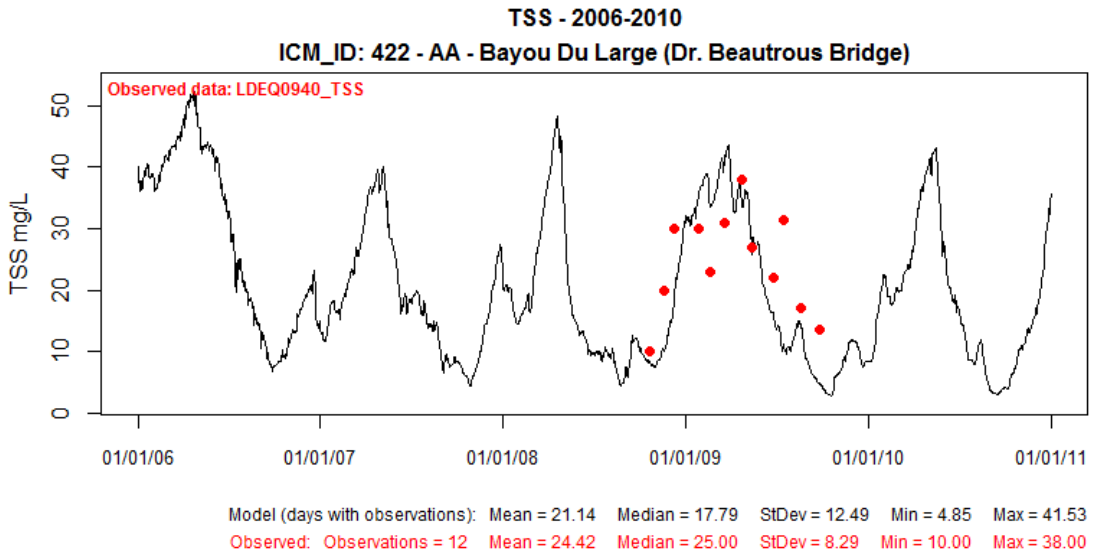

Figure 158: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 422 Compared to Observed Data at LDEQ0940 for Validation Period 2006-2009.

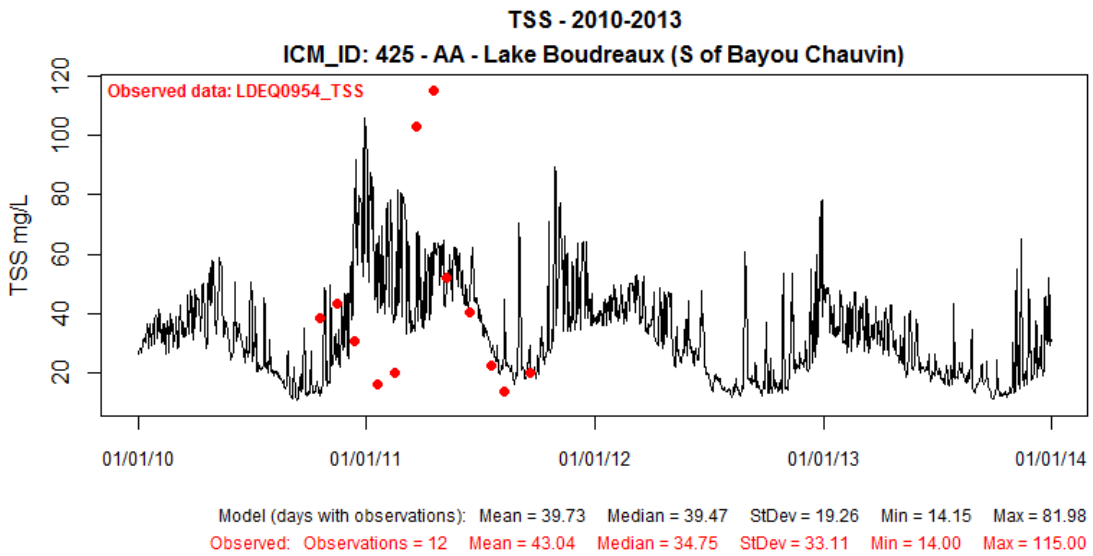

Figure 159: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 425 Compared to Observed Data at LDEQ0954 for Calibration Period 2010-2013.

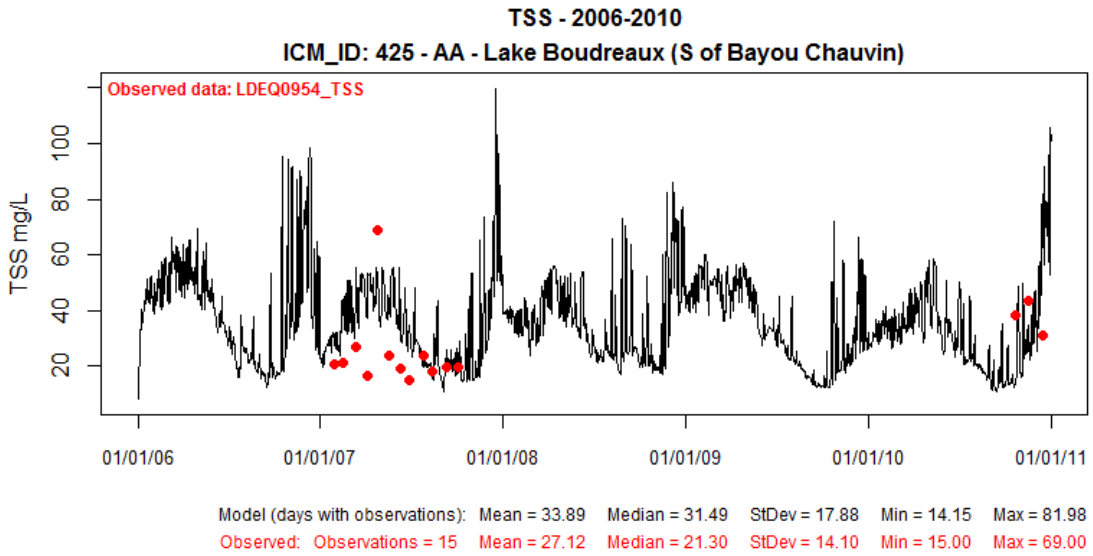

Figure 160: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 425 Compared to Observed Data at LDEQ0954 for Validation Period 2006-2009.

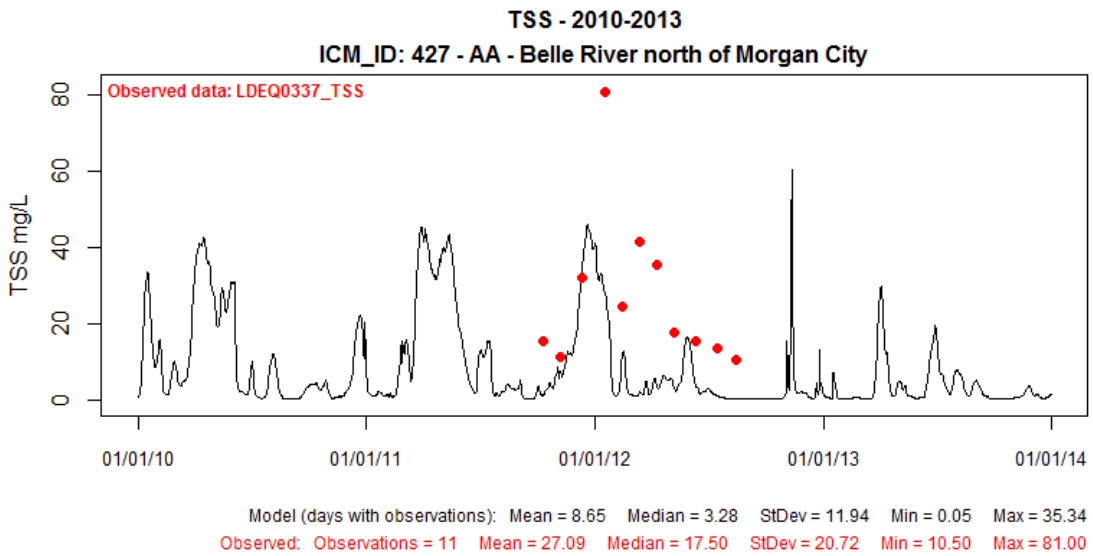

Figure 161: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 427 Compared to Observed Data at LDEQ0337 for Calibration Period 2010-2013.

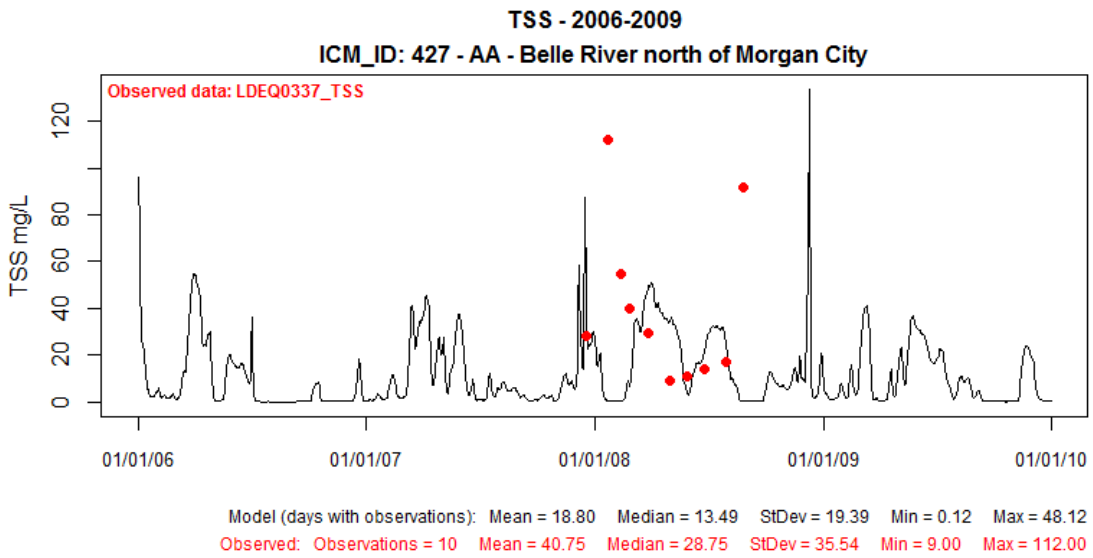

Figure 162: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 427 Compared to Observed Data at LDEQ0337 for Validation Period 2006-2009.

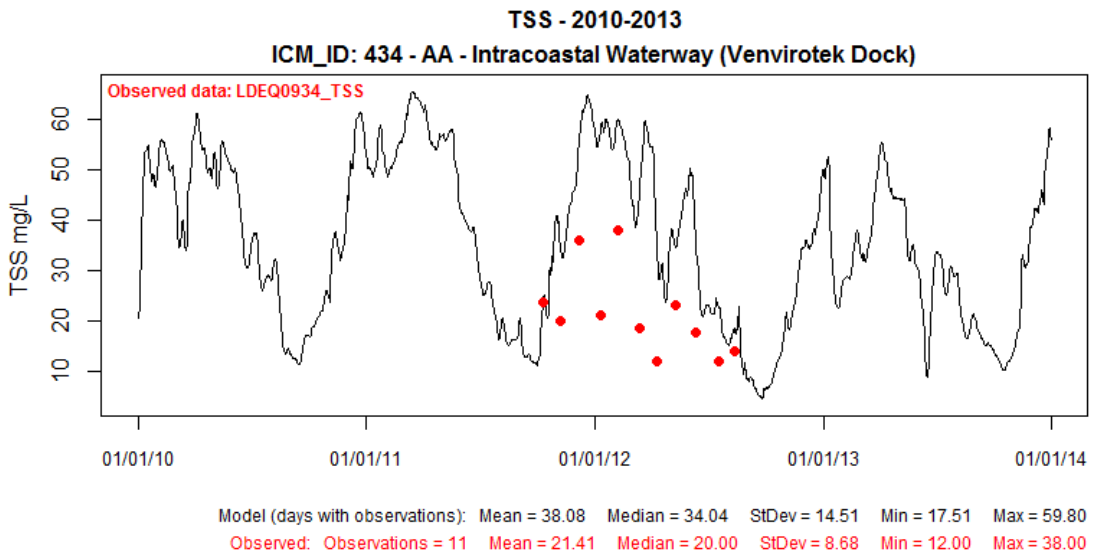

Figure 163: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 434 Compared to Observed Data at LDEQ0934 for Calibration Period 2010-2013.

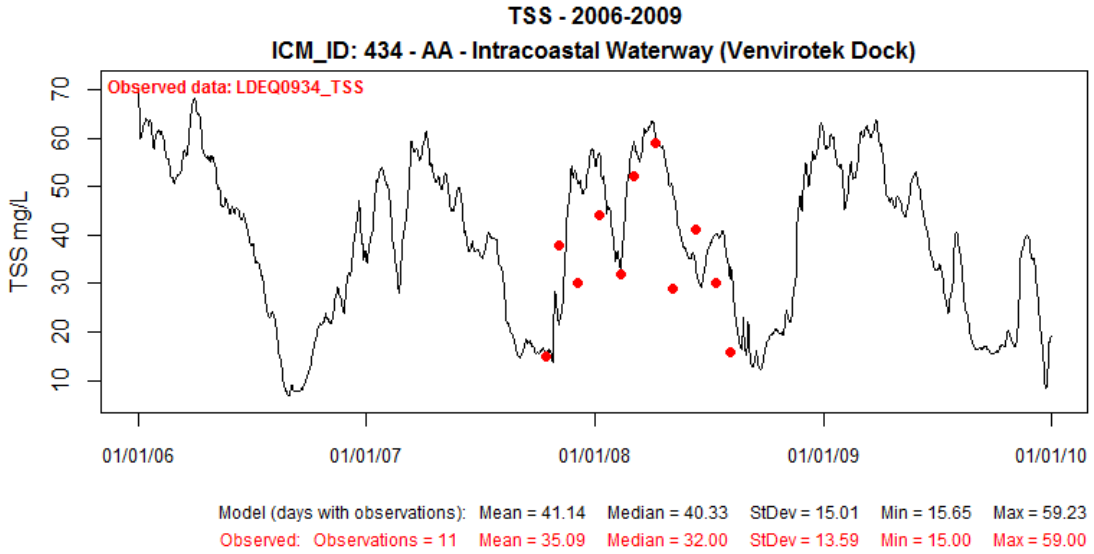

Figure 164: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 434 Compared to Observed Data at LDEQ0934 for Validation Period 2006-2009.

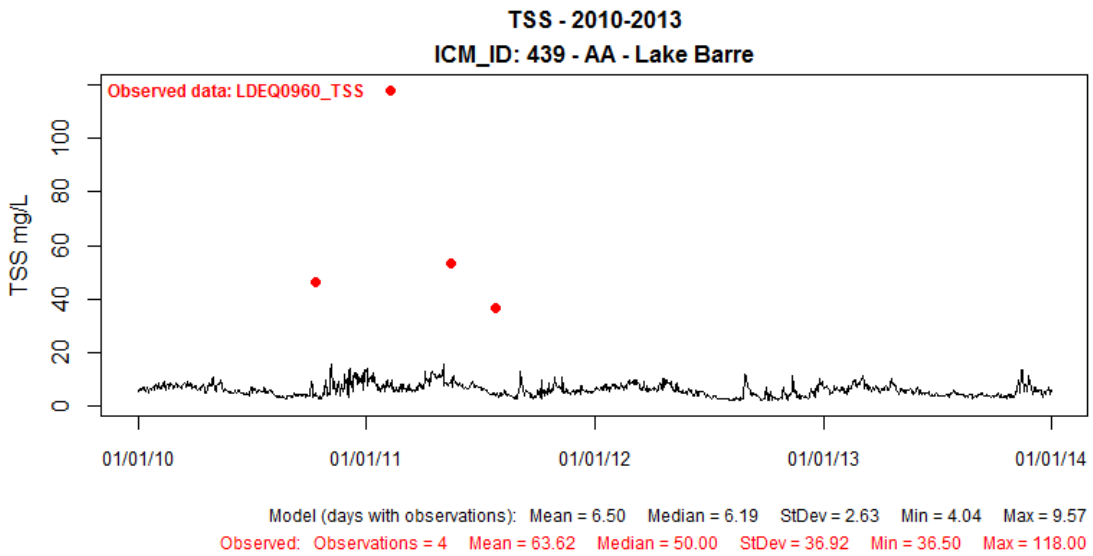

Figure 165: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 439 Compared to Observed Data at LDEQ0960 for Calibration Period 2010-2013.

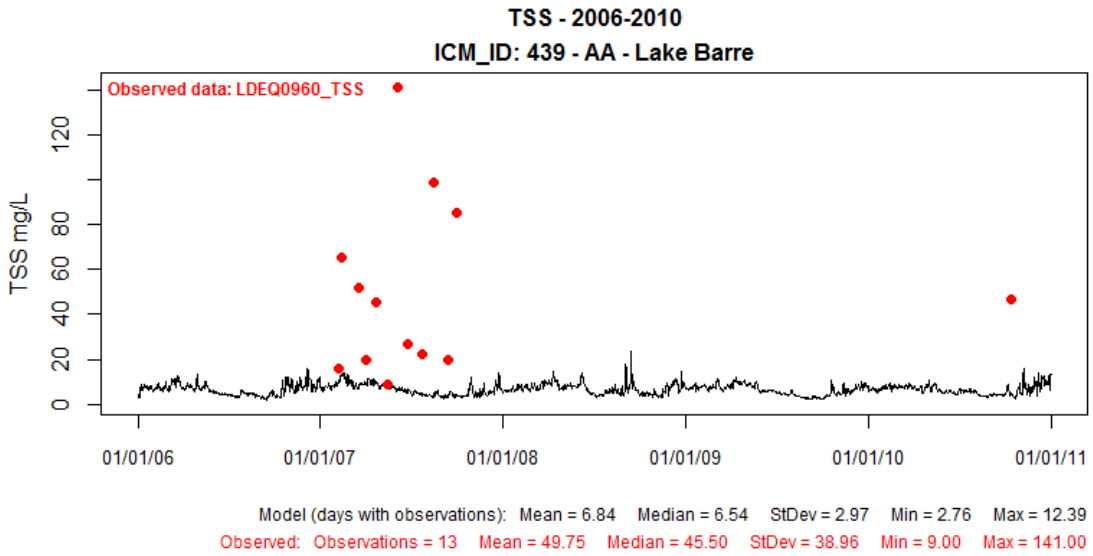

Figure 166: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 439 Compared to Observed Data at LDEQ0960 for Validation Period 2006-2009.

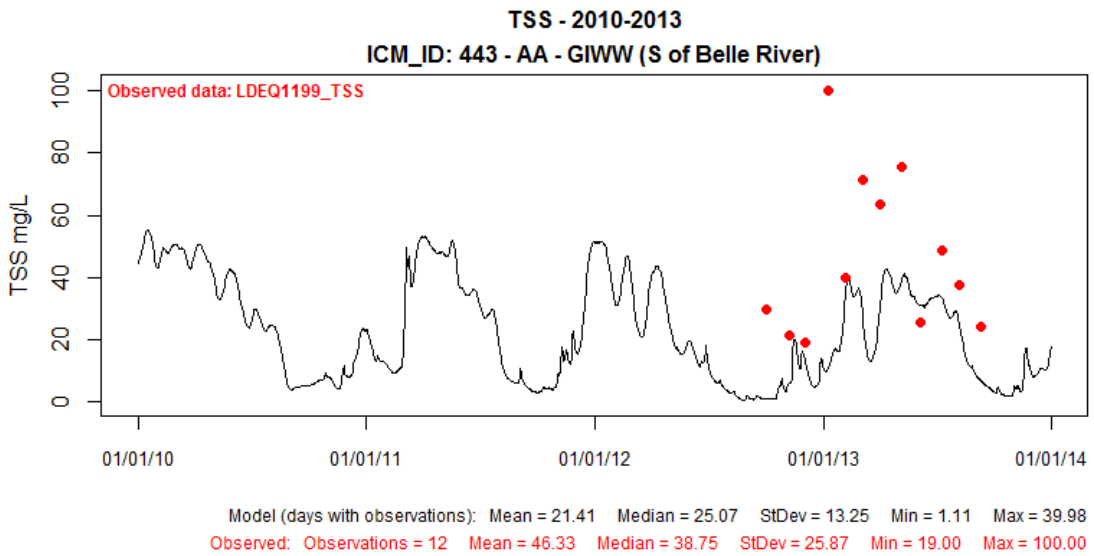

Figure 167: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 443 Compared to Observed Data at LDEQ1199 for Calibration Period 2010-2013.

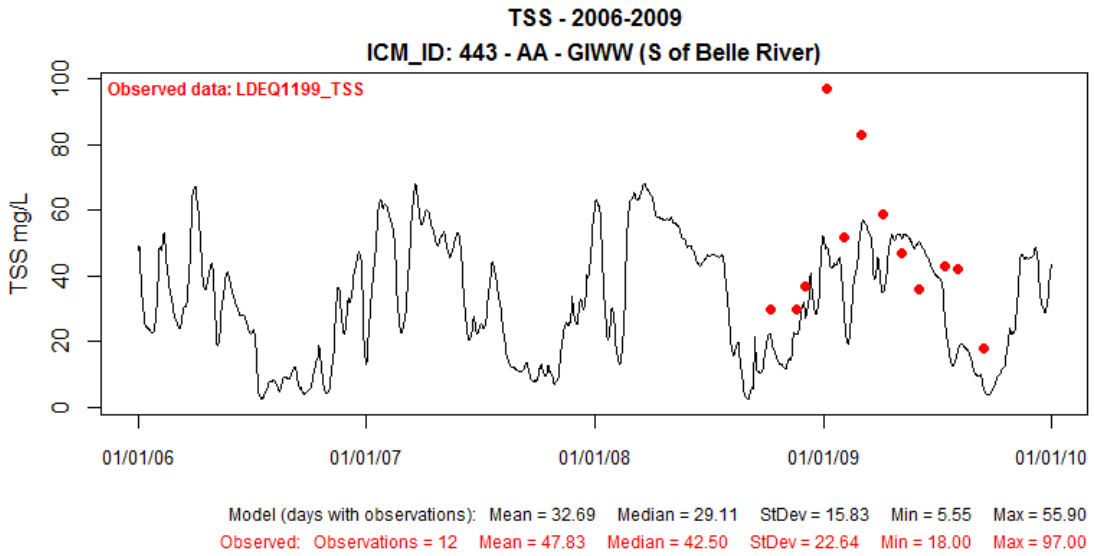

Figure 168: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 443 Compared to Observed Data at LDEQ1199 for Validation Period 2006-2009.

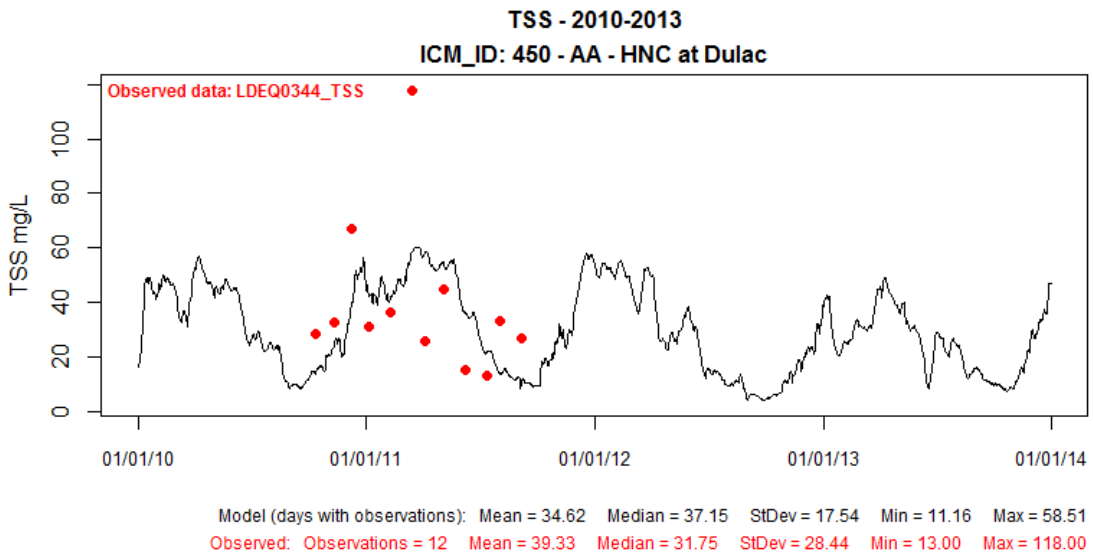

Figure 169: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 450 Compared to Observed Data at LDEQ0344 for Calibration Period 2010-2013.

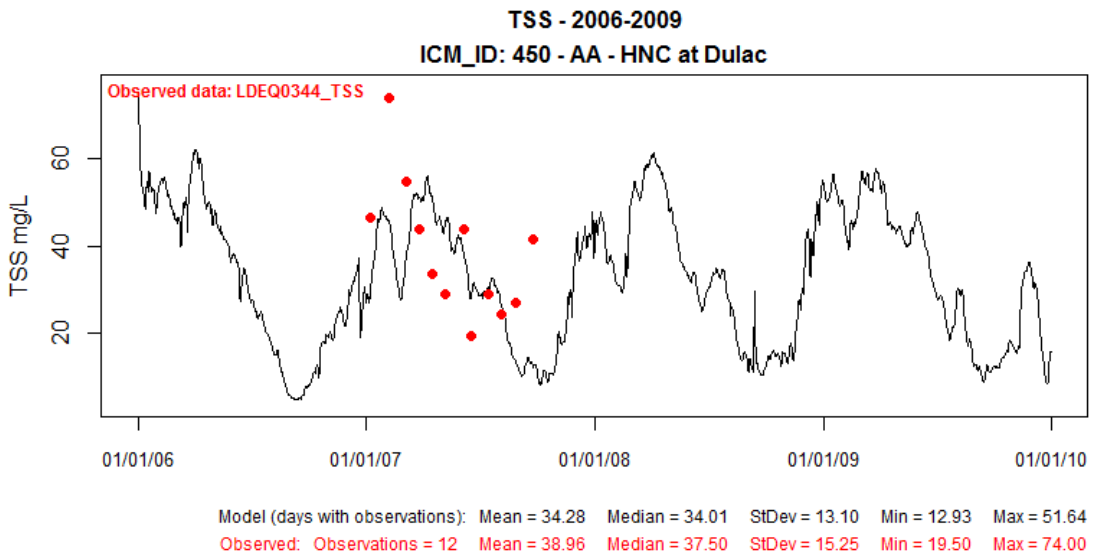

Figure 170: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 450 Compared to Observed Data at LDEQ0344 for Validation Period 2006-2009.

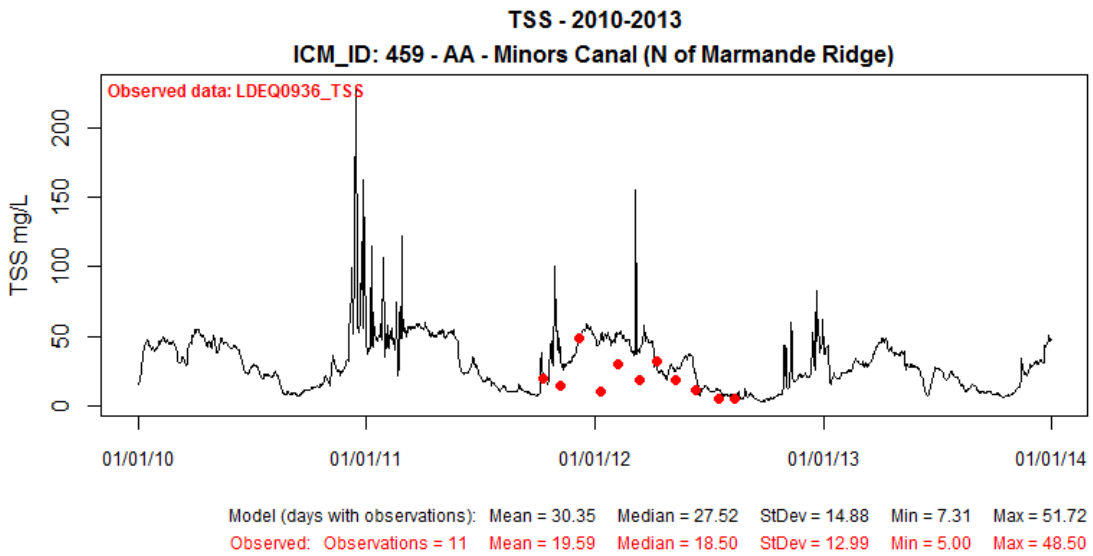

Figure 171: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 459 Compared to Observed Data at LDEQ0936 for Calibration Period 2010-2013.

Figure 172: No Validation Figure for ICM Compartment 459.

DRAFT

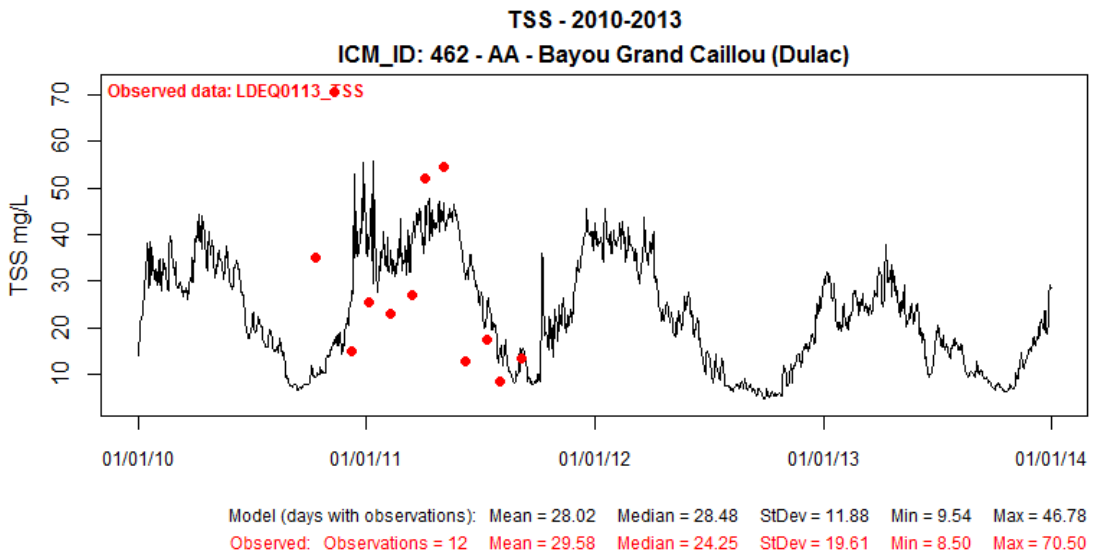

Figure 173: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 462 Compared to Observed Data at LDEQ0113 for Calibration Period 2010-2013.

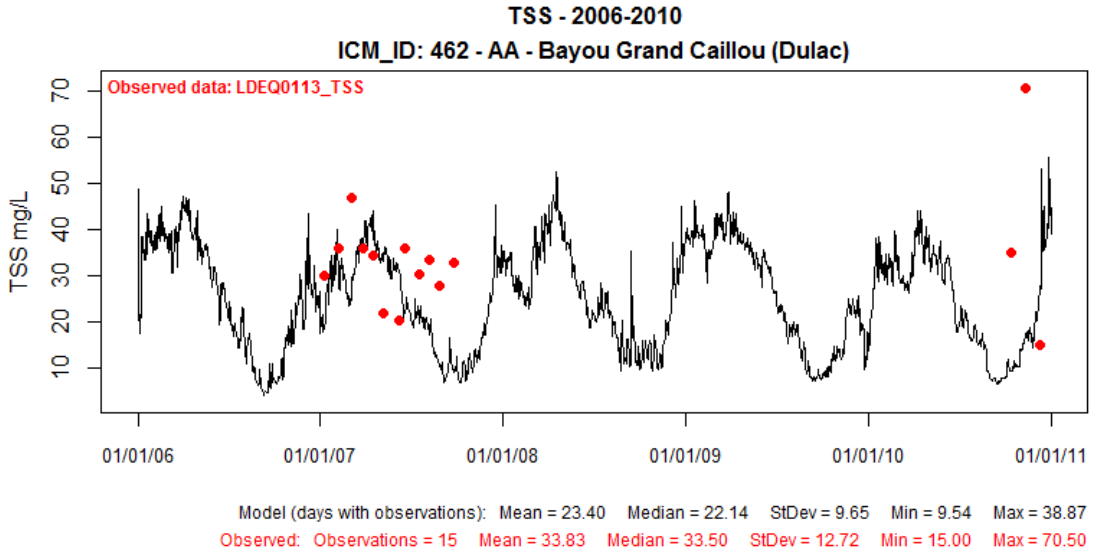

Figure 174: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 462 Compared to Observed Data at LDEQ0113 for Validation Period 2006-2009.

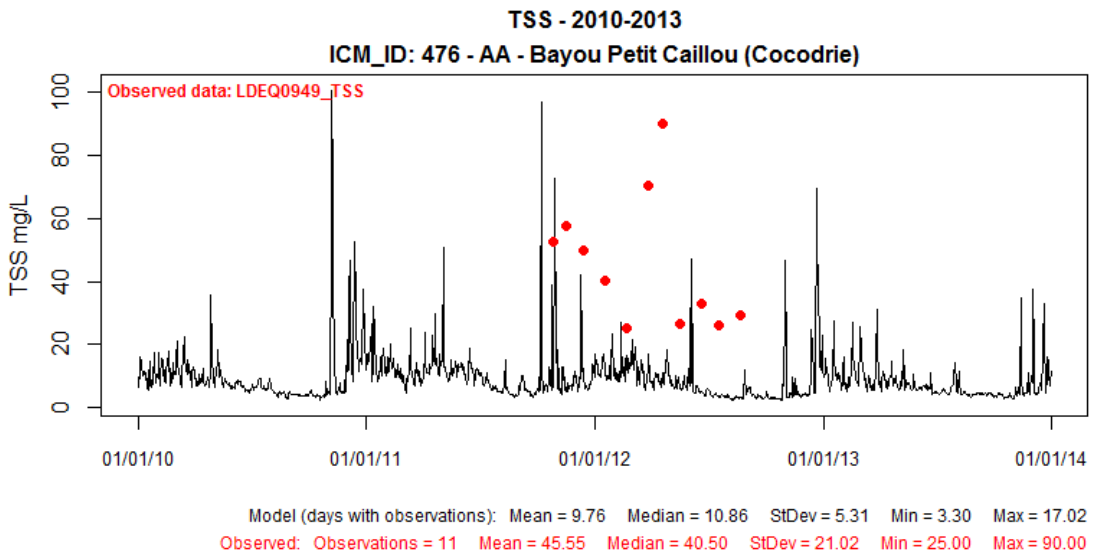

Figure 175: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 476 Compared to Observed Data at LDEQ0949 for Calibration Period 2010-2013.

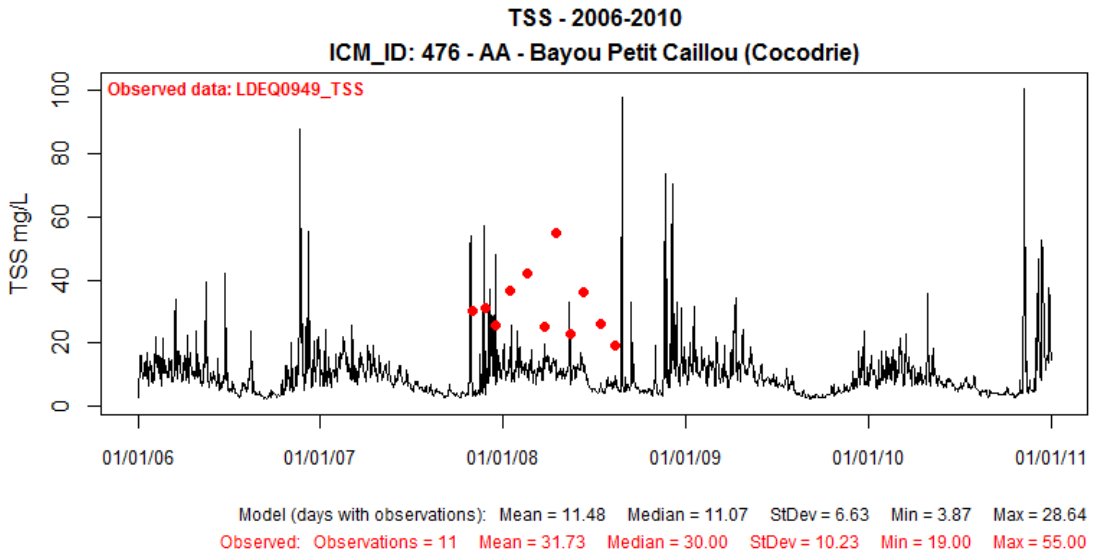

Figure 176: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 476 Compared to Observed Data at LDEQ0949 for Validation Period 2006-2009.

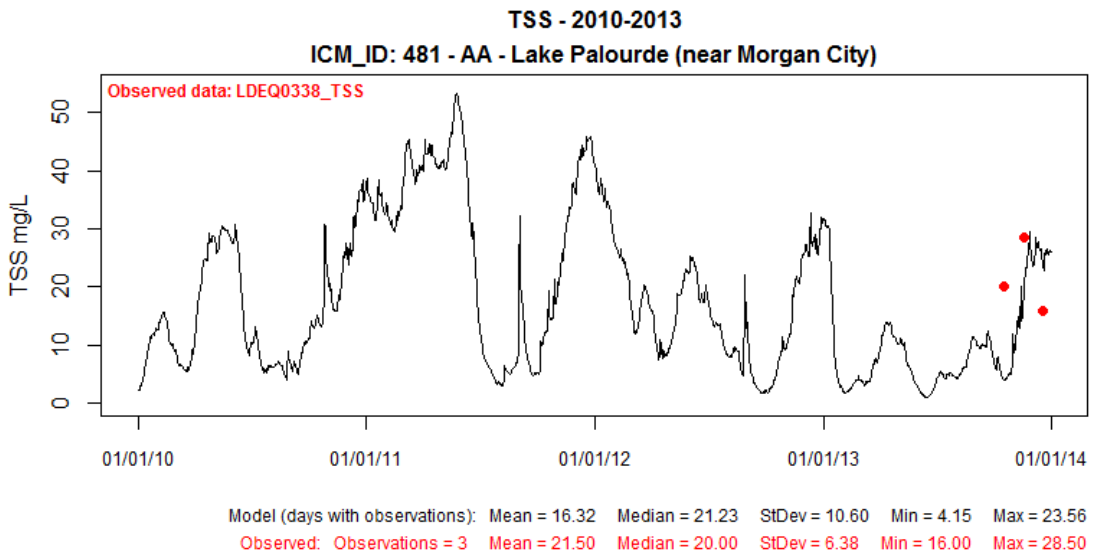

Figure 177: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 481 Compared to Observed Data at LDEQ0338 for Calibration Period 2010-2013.

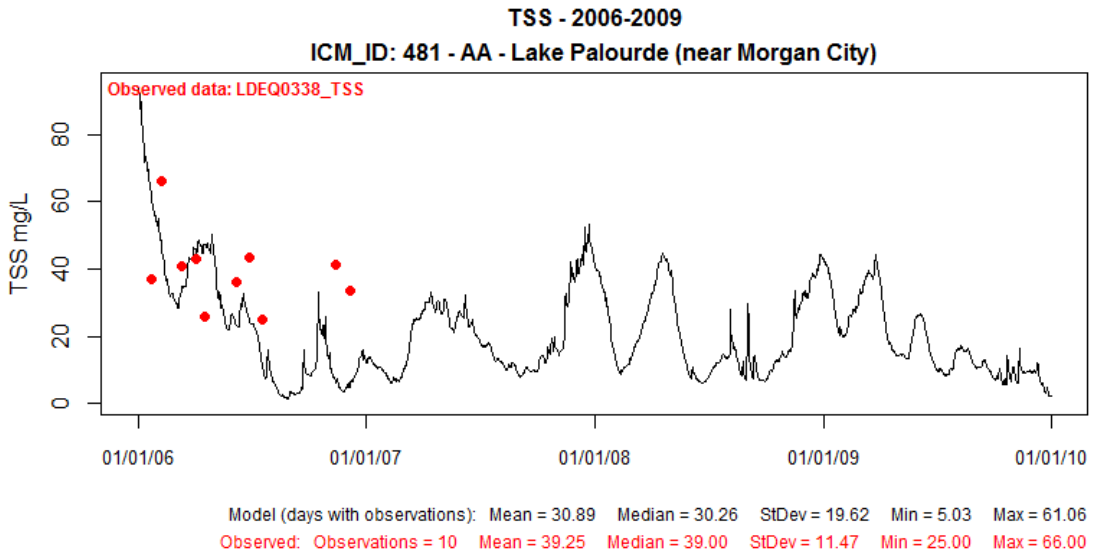

Figure 178: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 481 Compared to Observed Data at LDEQ0338 for Validation Period 2006-2009.

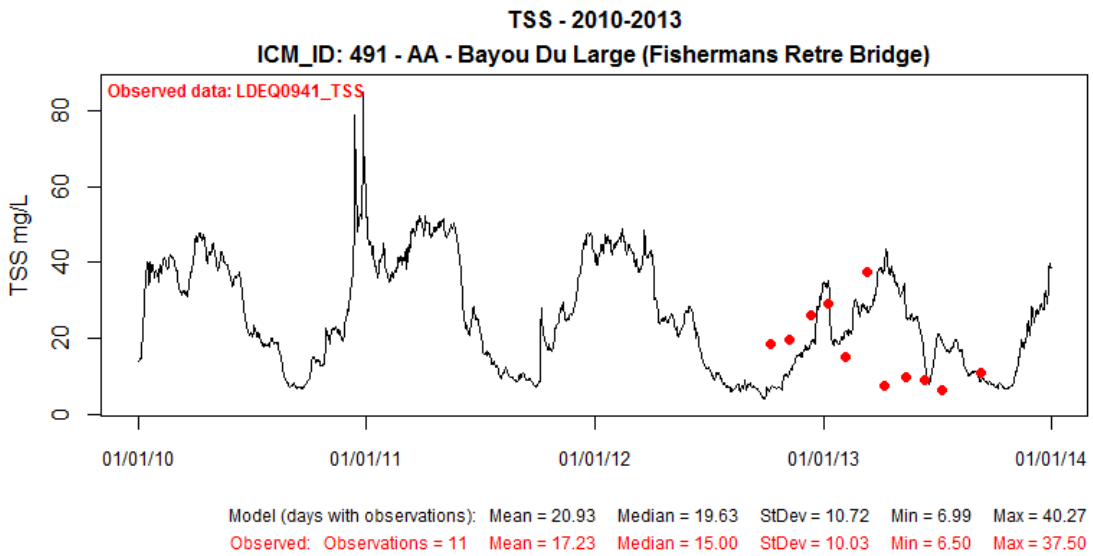

Figure 179: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 491 Compared to Observed Data at LDEQ0941 for Calibration Period 2010-2013.

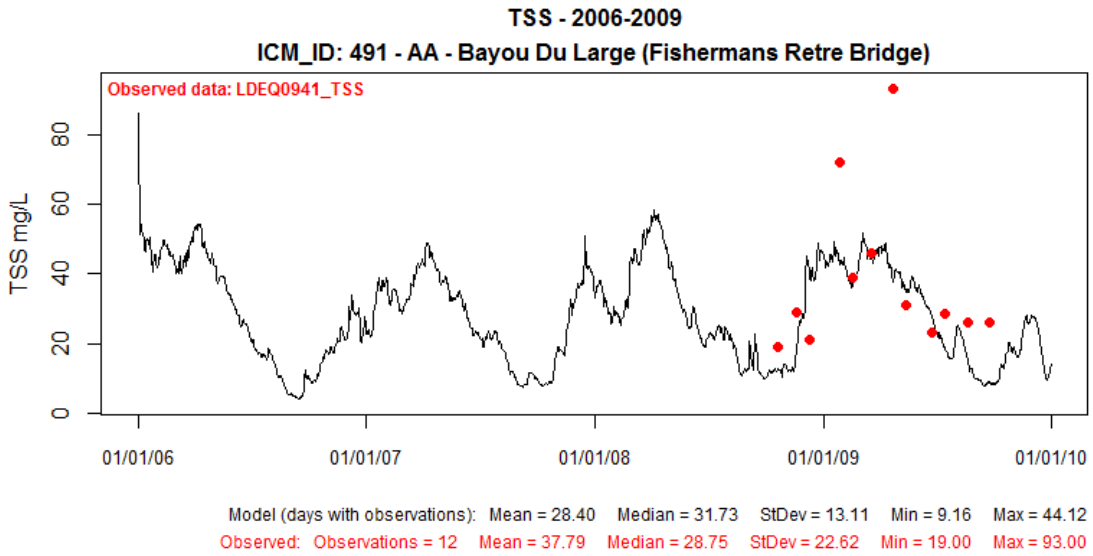

Figure 180: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 491 Compared to Observed Data at LDEQ0941 for Validation Period 2006-2009.

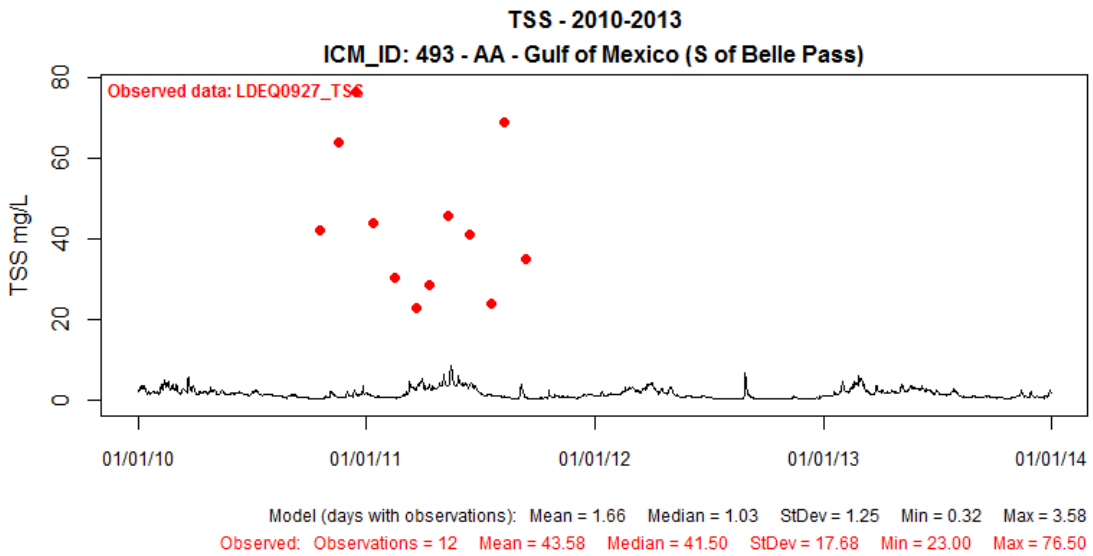

Figure 181: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 493 Compared to Observed Data at LDEQ0927 for Calibration Period 2010-2013.

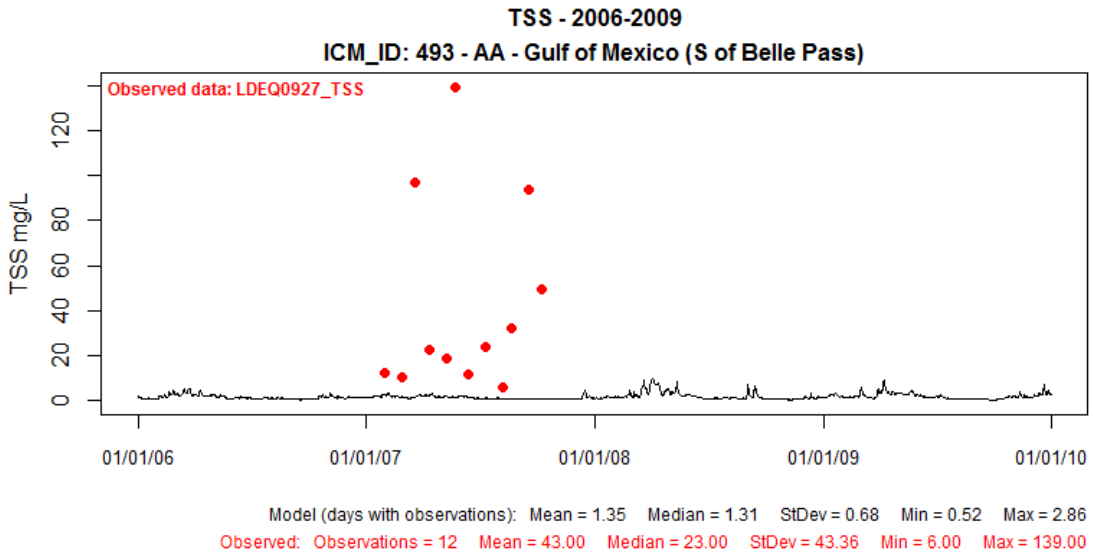

Figure 182: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 493 Compared to Observed Data at LDEQ0927 for Validation Period 2006-2009.

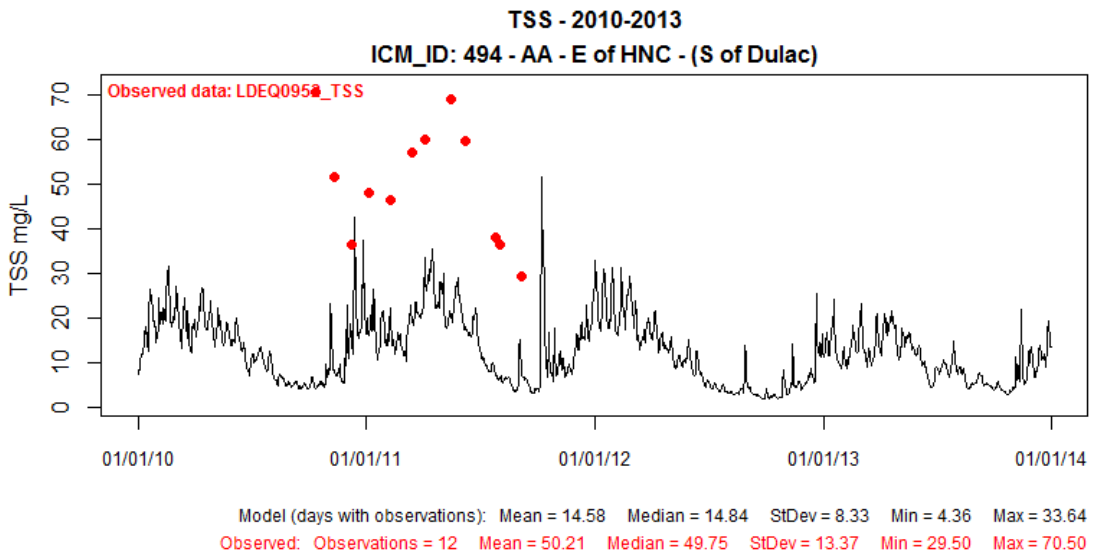

Figure 183: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 494 Compared to Observed Data at LDEQ0952 for Calibration Period 2010-2013.

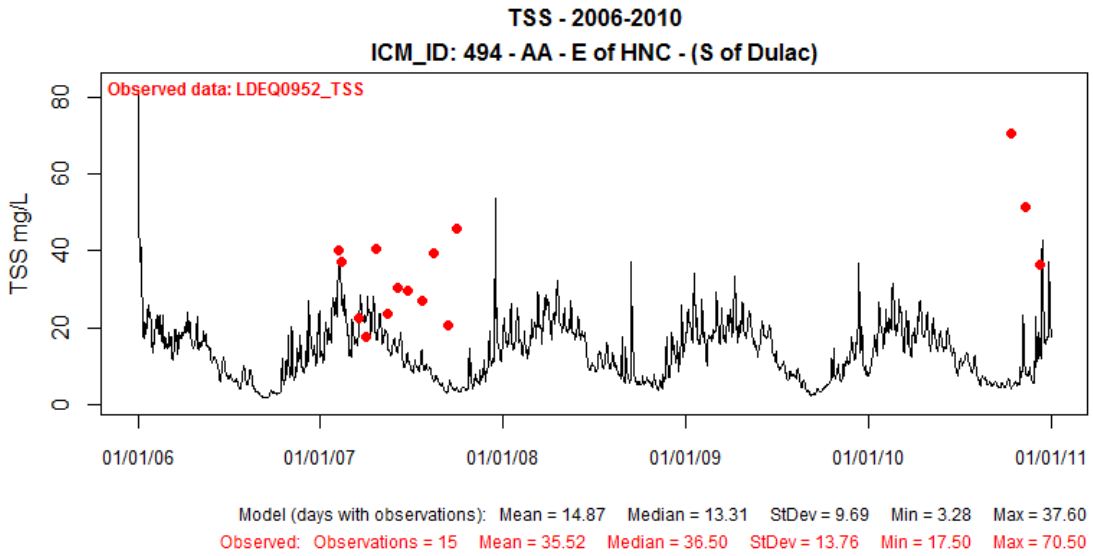

Figure 184: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 494 Compared to Observed Data at LDEQ0952 for Validation Period 2006-2009.

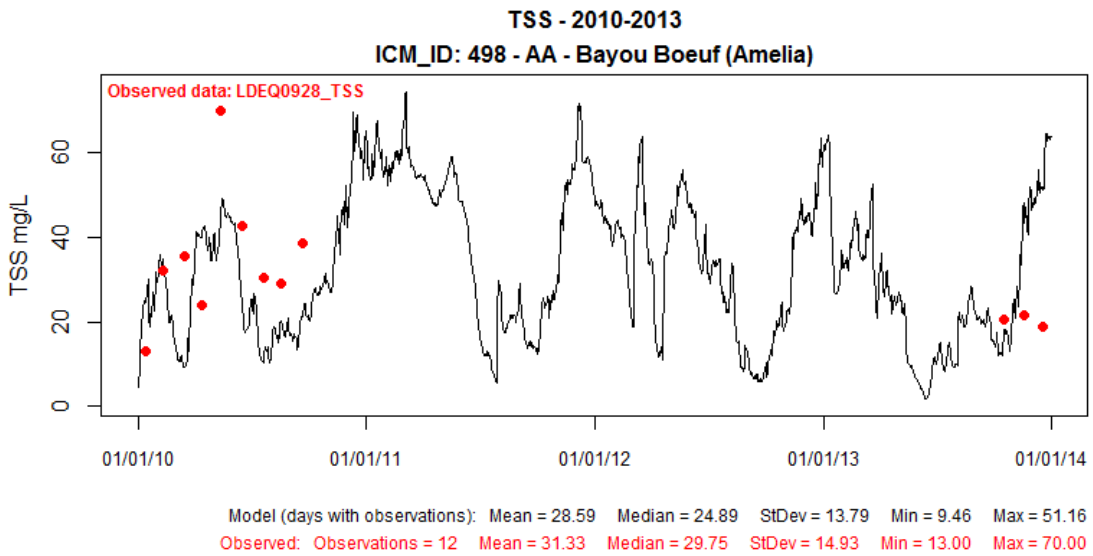

Figure 185: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 498 Compared to Observed Data at LDEQ0928 for Calibration Period 2010-2013.

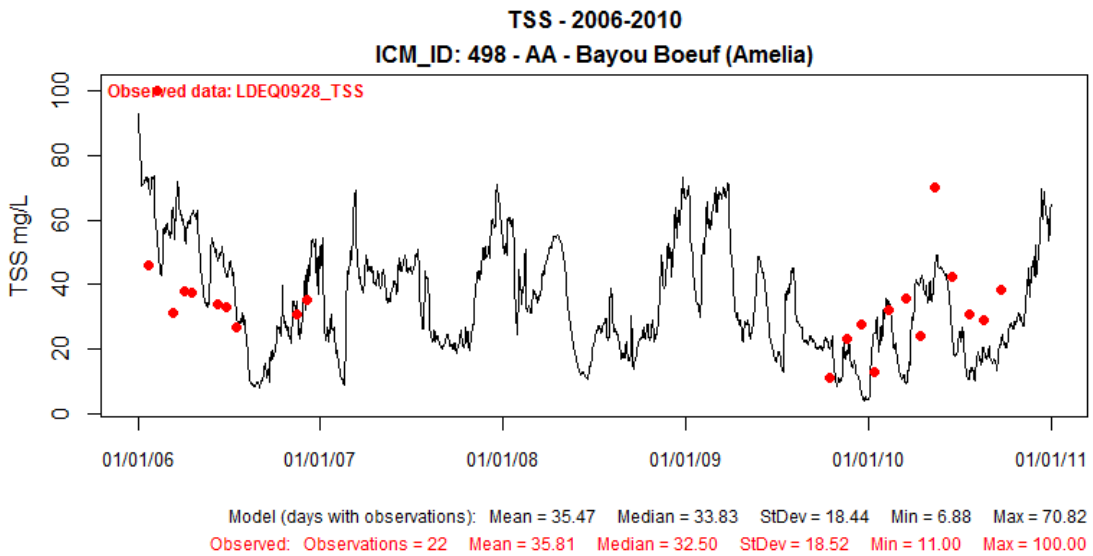

Figure 186: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 498 Compared to Observed Data at LDEQ0928 for Validation Period 2006-2009.

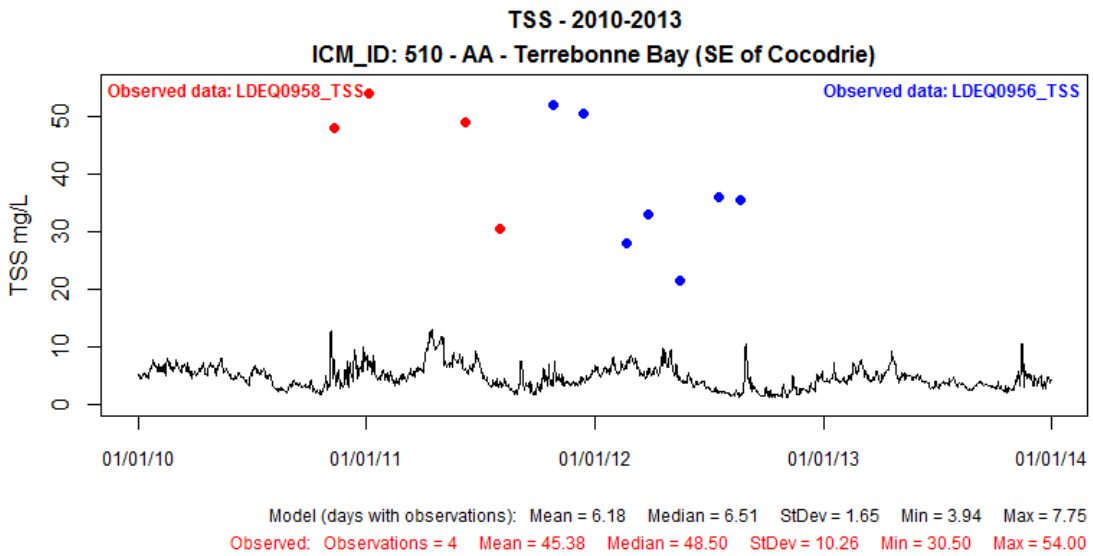

Figure 187: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 510 Compared to Observed Data at LDEQ0958 for Calibration Period 2010-2013.

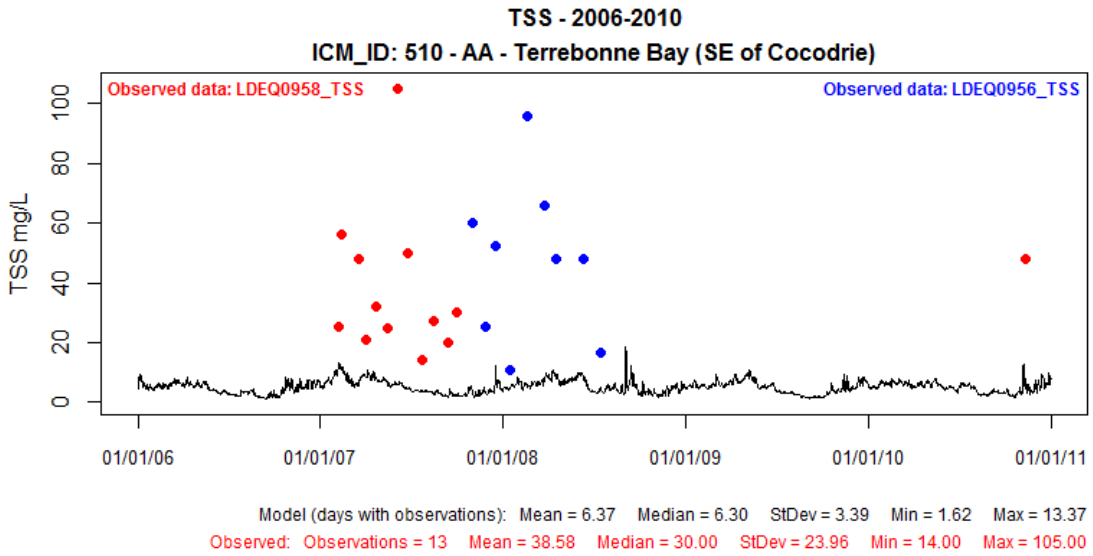

Figure 188: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 510 Compared to Observed Data at LDEQ0958 for Validation Period 2006-2009.

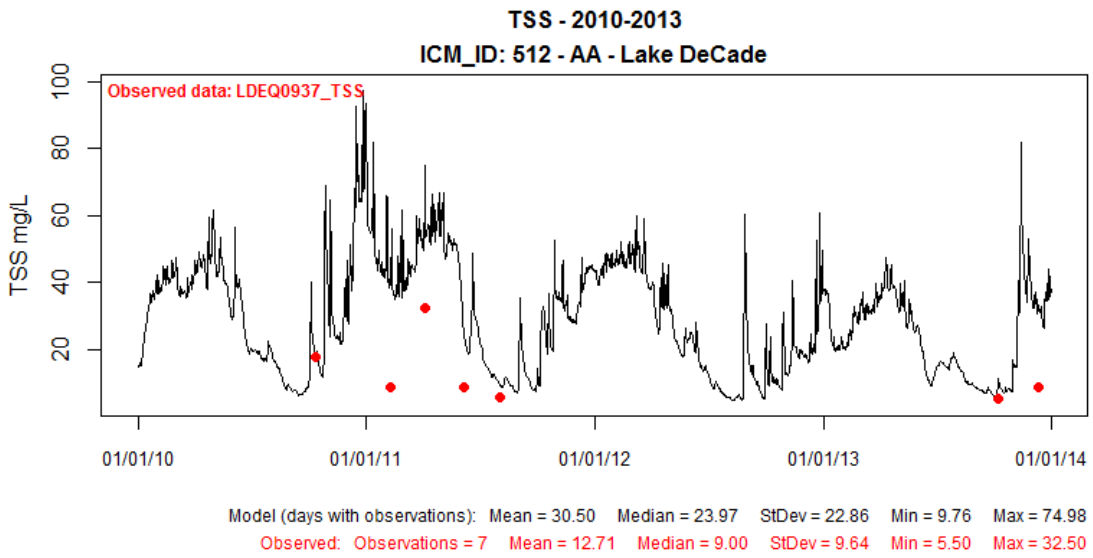

Figure 189: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 512 Compared to Observed Data at LDEQ0937 for Calibration Period 2010-2013.

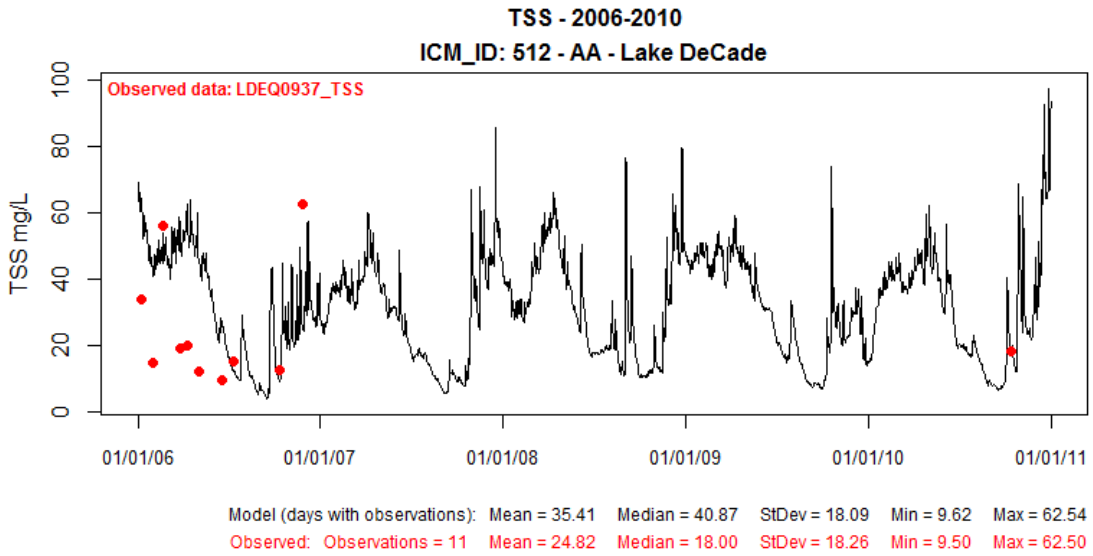

Figure 190: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 512 Compared to Observed Data at LDEQ0937 for Validation Period 2006-2009.

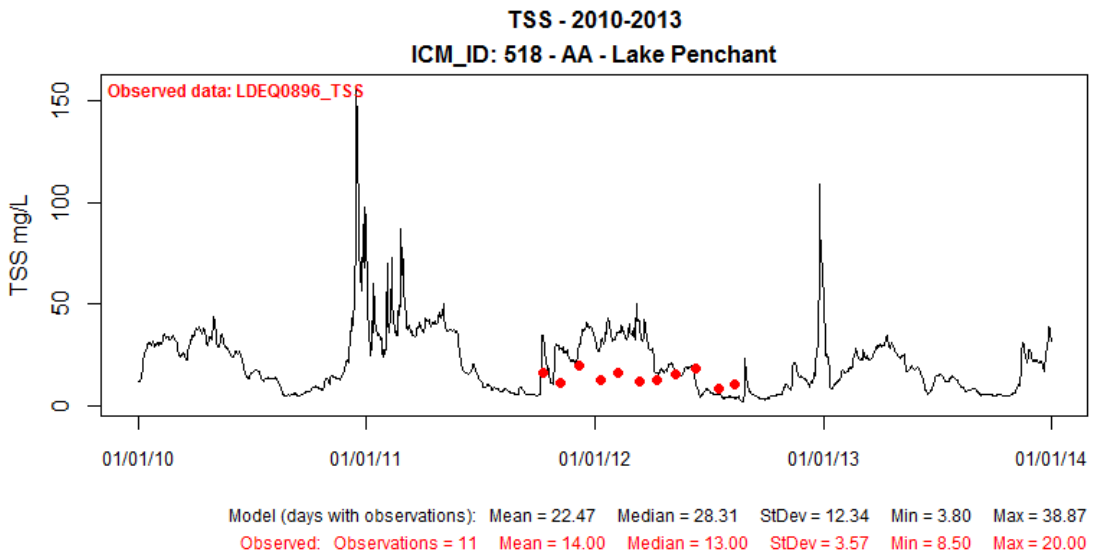

Figure 191: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 518 Compared to Observed Data at LDEQ0896 for Calibration Period 2010-2013.

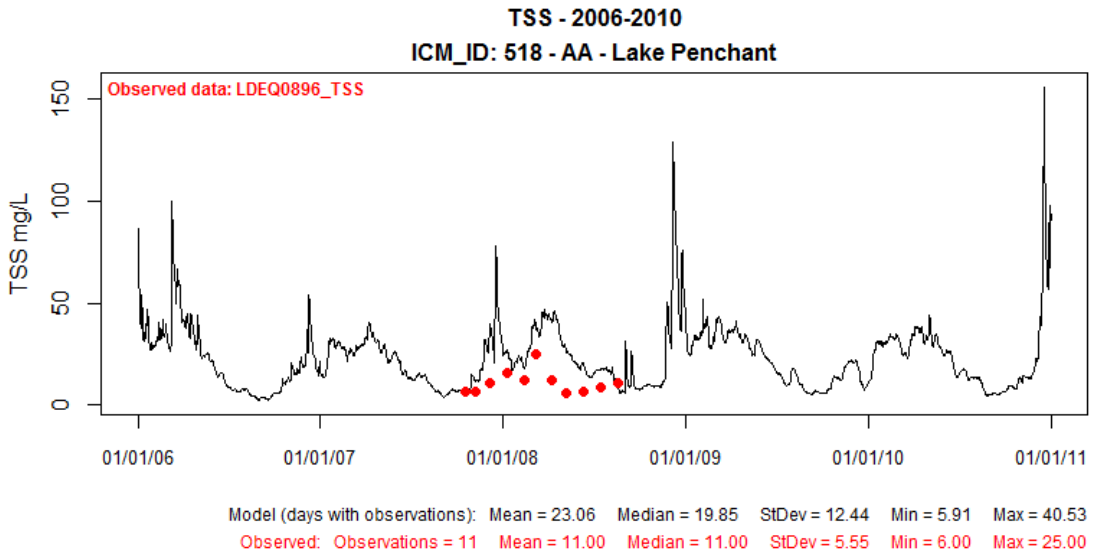

Figure 192: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 518 Compared to Observed Data at LDEQ0896 for Validation Period 2006-2009.

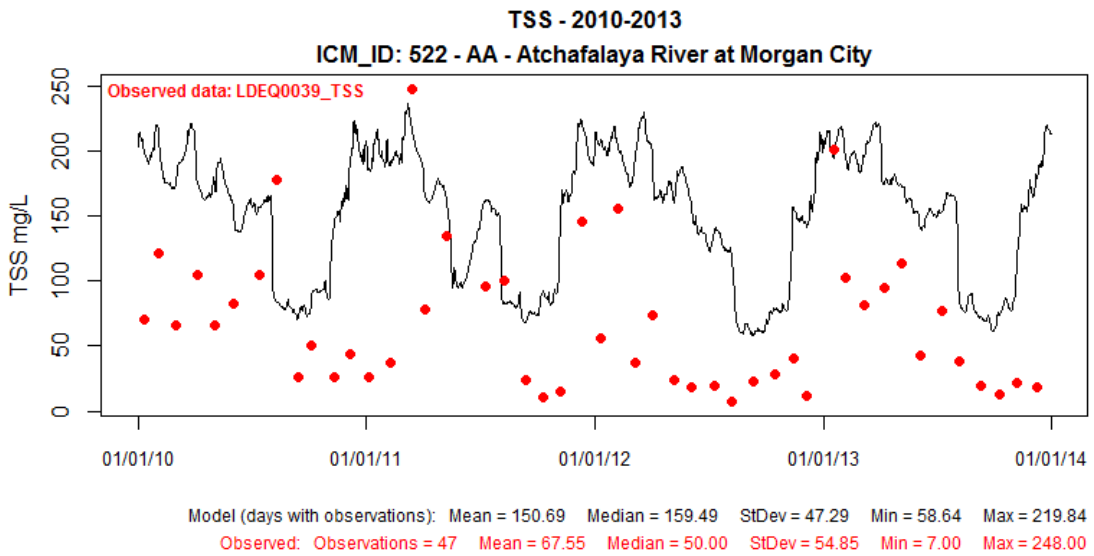

Figure 193: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 522 Compared to Observed Data at LDEQ0039 for Calibration Period 2010-2013.

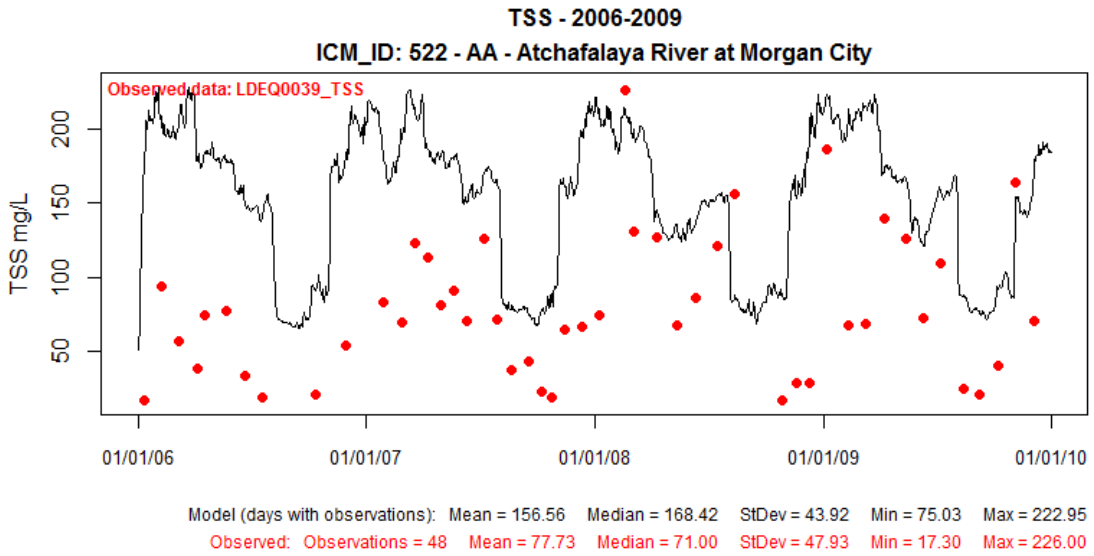

Figure 194: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 522 Compared to Observed Data at LDEQ0039 for Validation Period 2006-2009.

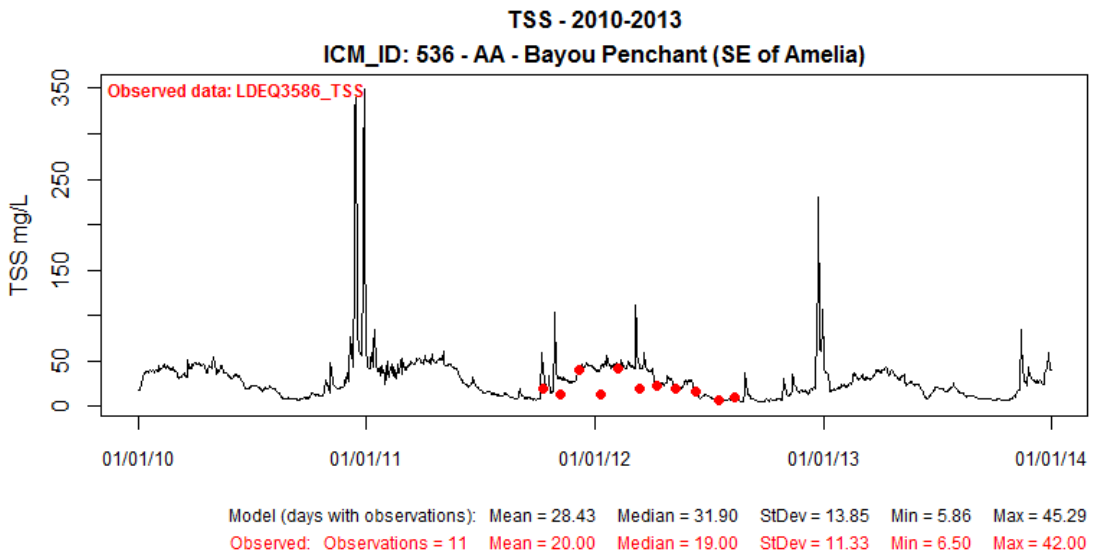

Figure 195: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 536 Compared to Observed Data at LDEQ3586 for Calibration Period 2010-2013.

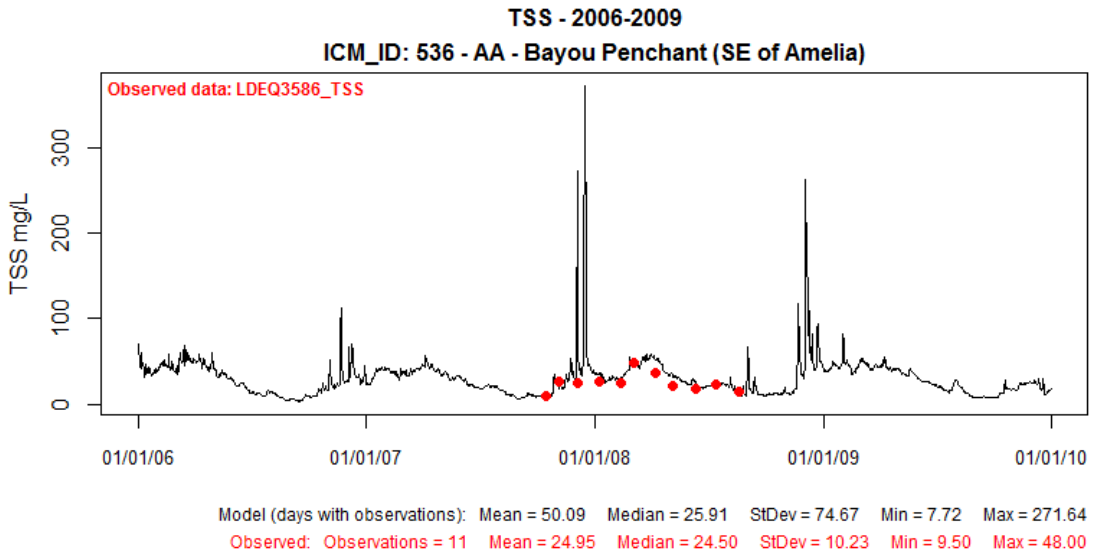

Figure 196: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 536 Compared to Observed Data at LDEQ3586 for Validation Period 2006-2009.

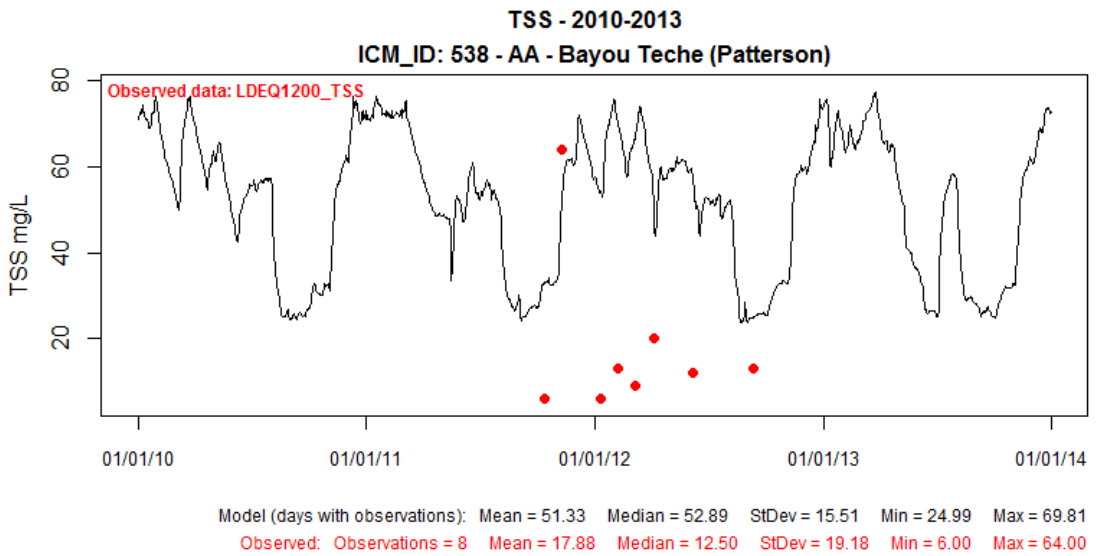

Figure 197: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 538 Compared to Observed Data at LDEQ1200 for Calibration Period 2010-2013.

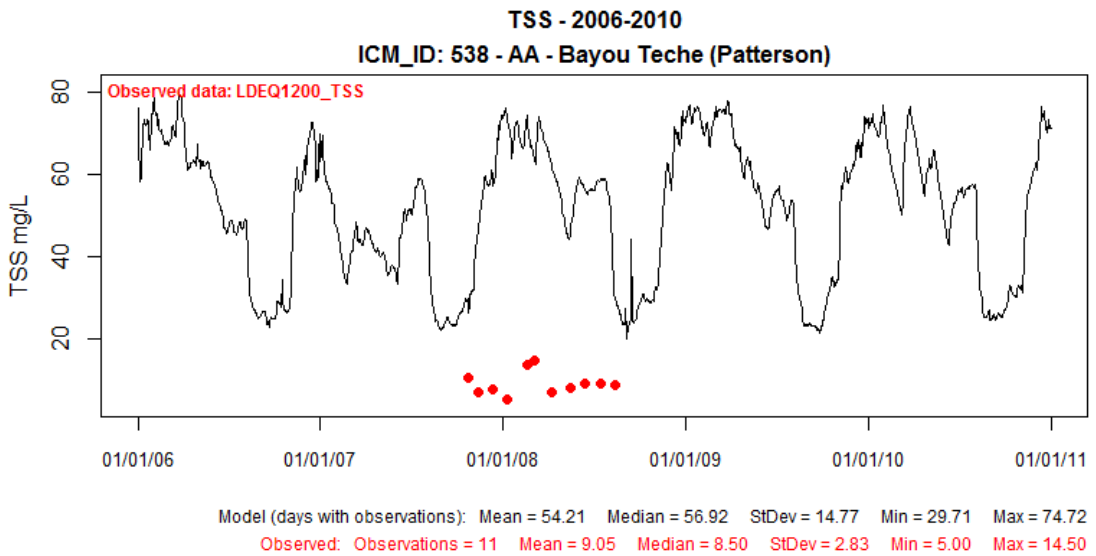

Figure 198: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 538 Compared to Observed Data at LDEQ1200 for Validation Period 2006-2009.

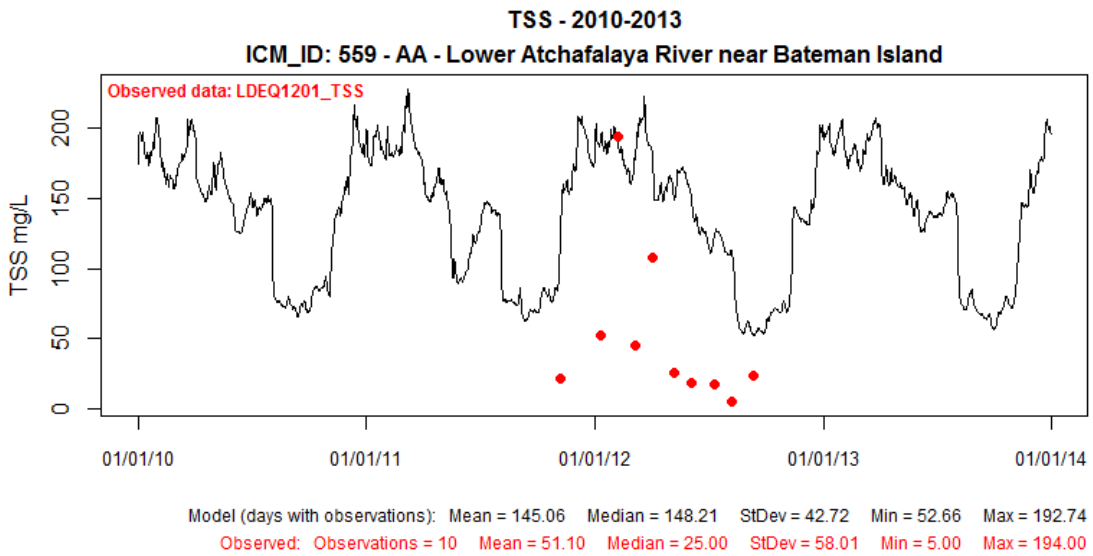

Figure 199: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 559 Compared to Observed Data at LDEQ1201 for Calibration Period 2010-2013.

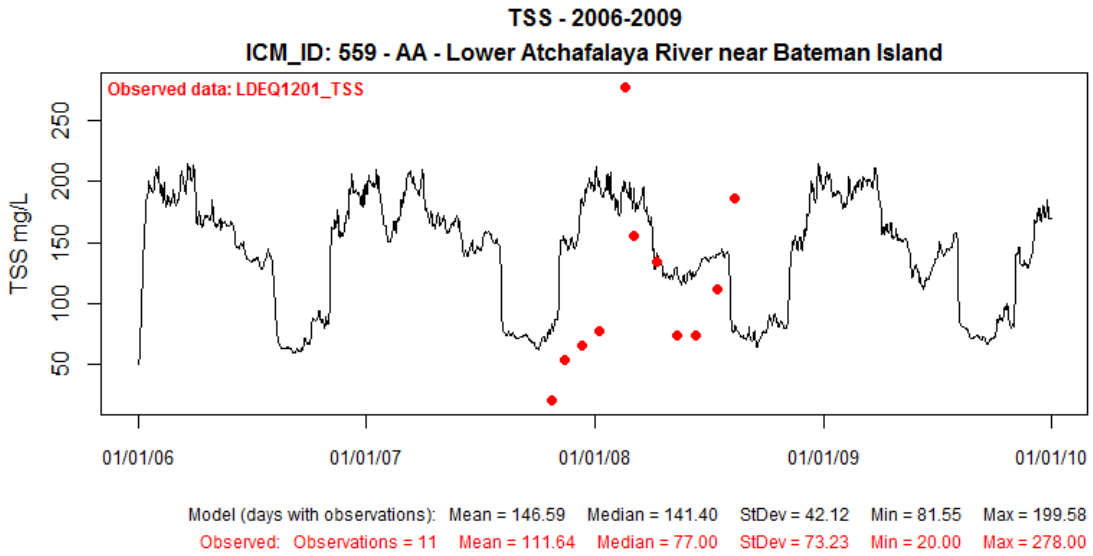

Figure 200: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 559 Compared to Observed Data at LDEQ1201 for Validation Period 2006-2009.

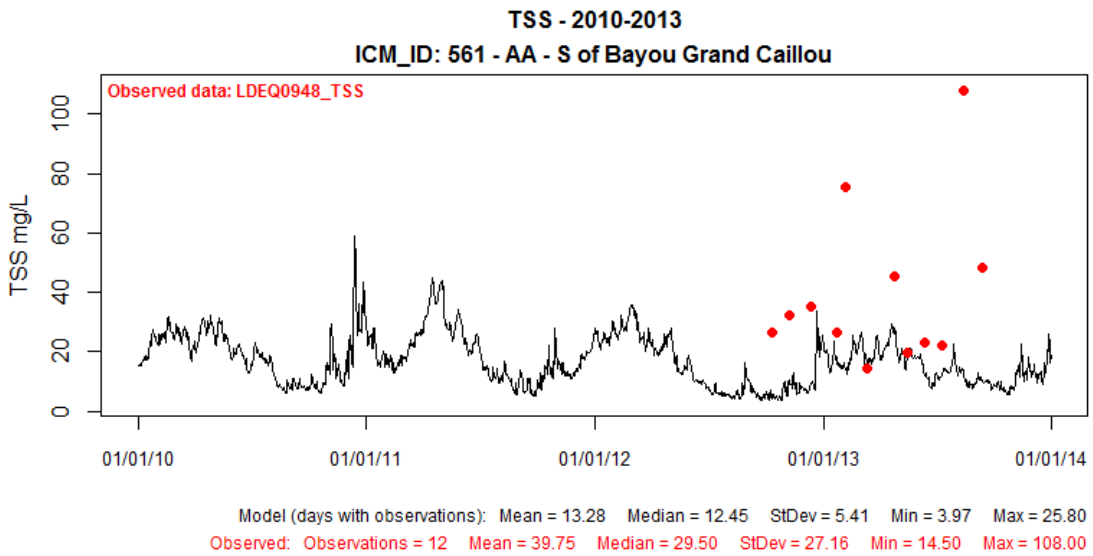

Figure 201: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 561 Compared to Observed Data at LDEQ0948 for Calibration Period 2010-2013.

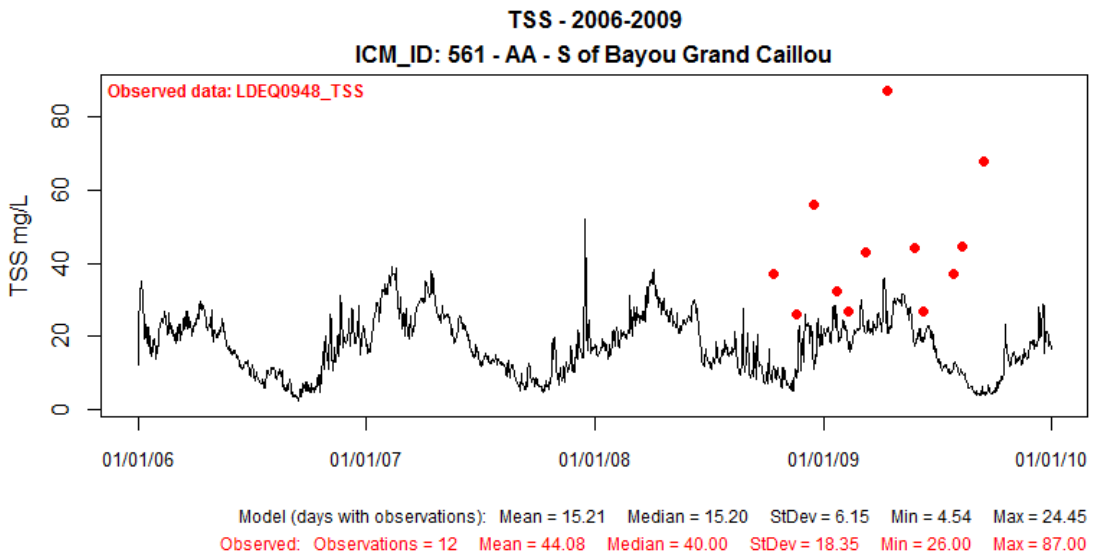

Figure 202: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 561 Compared to Observed Data at LDEQ0948 for Validation Period 2006-2009.

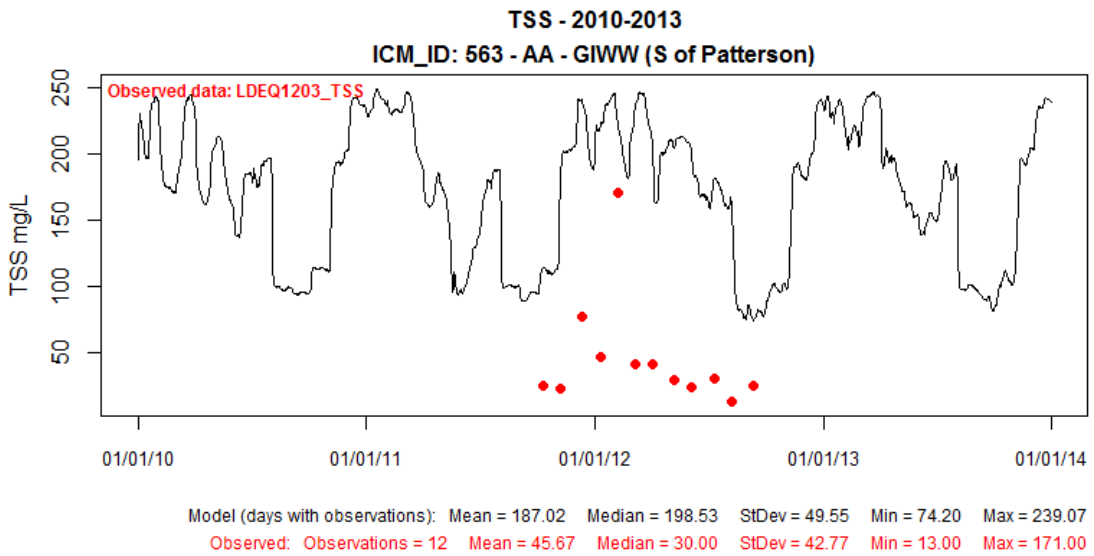

Figure 203: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 563 Compared to Observed Data at LDEQ1203 for Calibration Period 2010-2013.

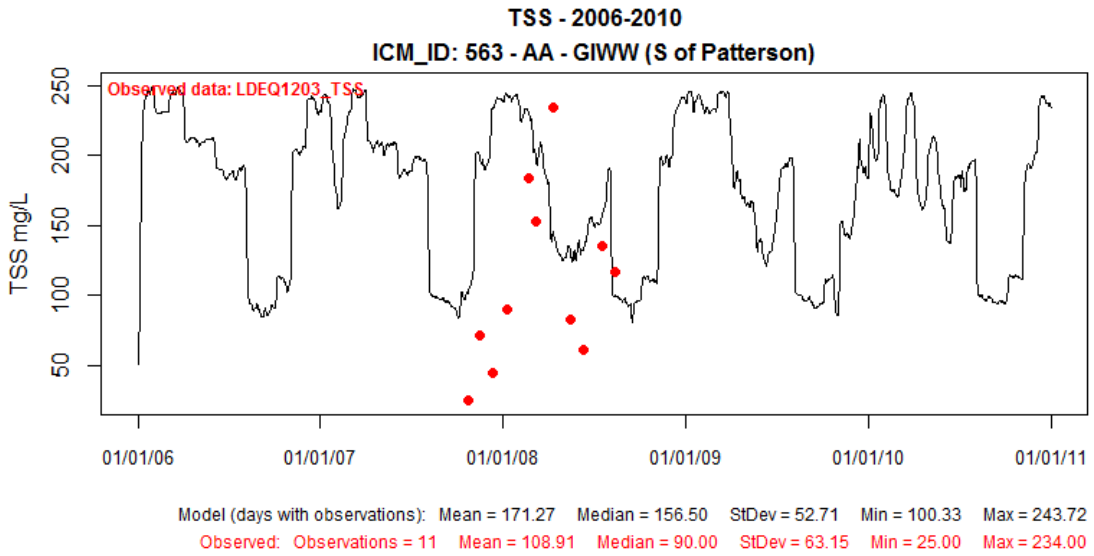

Figure 204: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 563 Compared to Observed Data at LDEQ1203 for Validation Period 2006-2009.

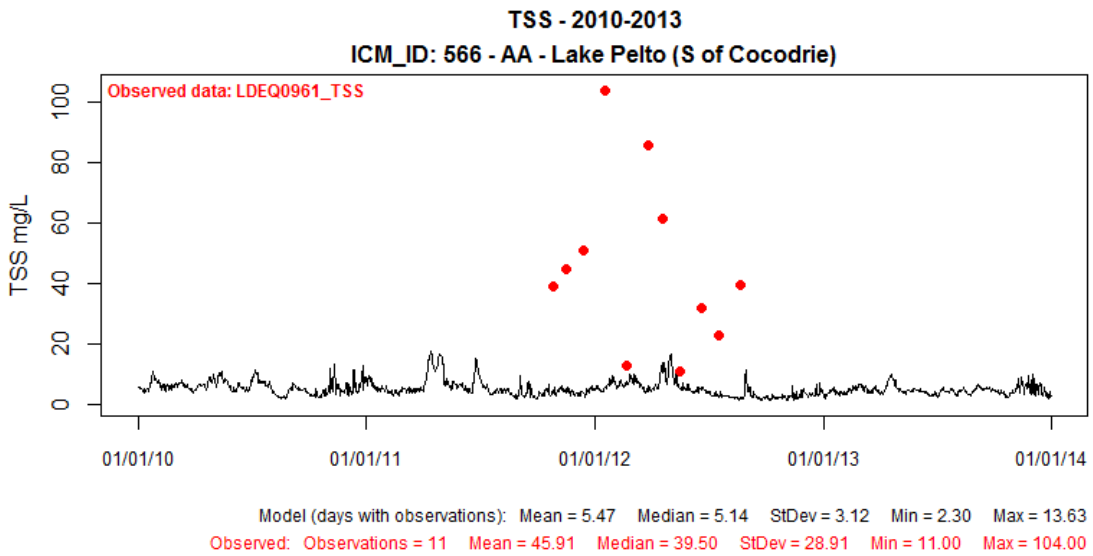

Figure 205: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 566 Compared to Observed Data at LDEQ0961 for Calibration Period 2010-2013.

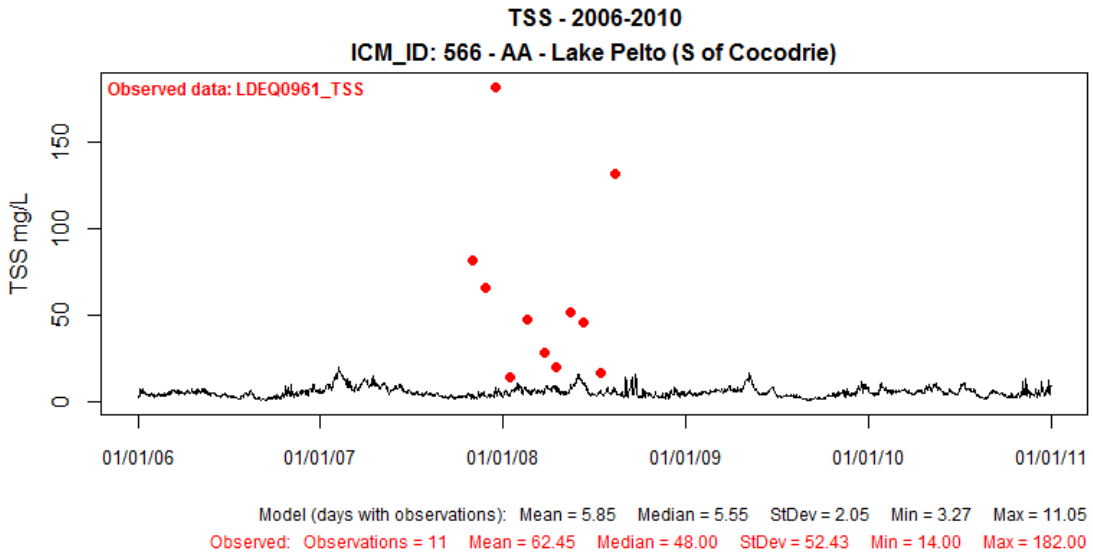

Figure 206: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 566 Compared to Observed Data at LDEQ0961 for Validation Period 2006-2009.

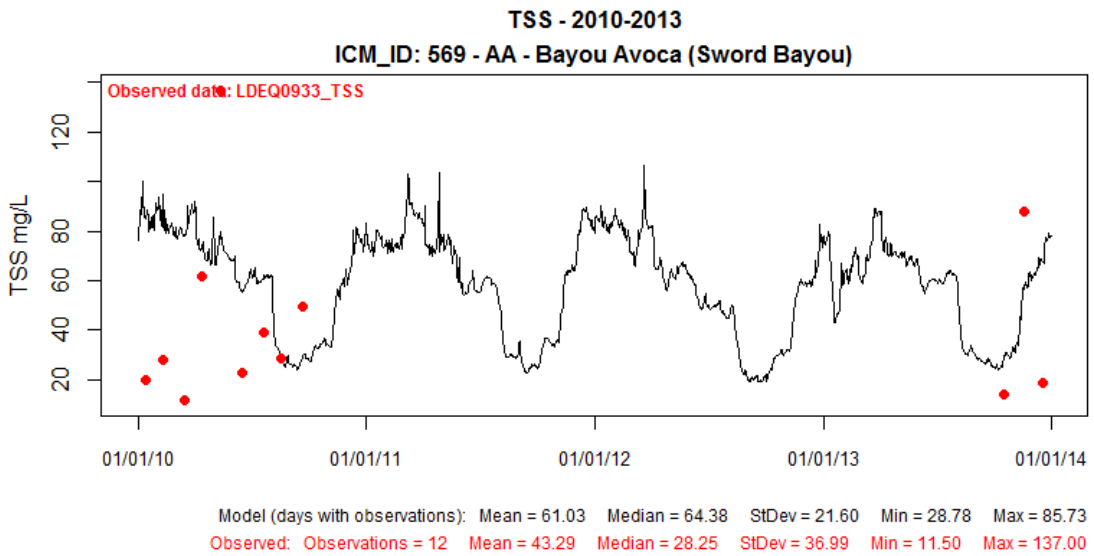

Figure 207: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 569 Compared to Observed Data at LDEQ0933 for Calibration Period 2010-2013.

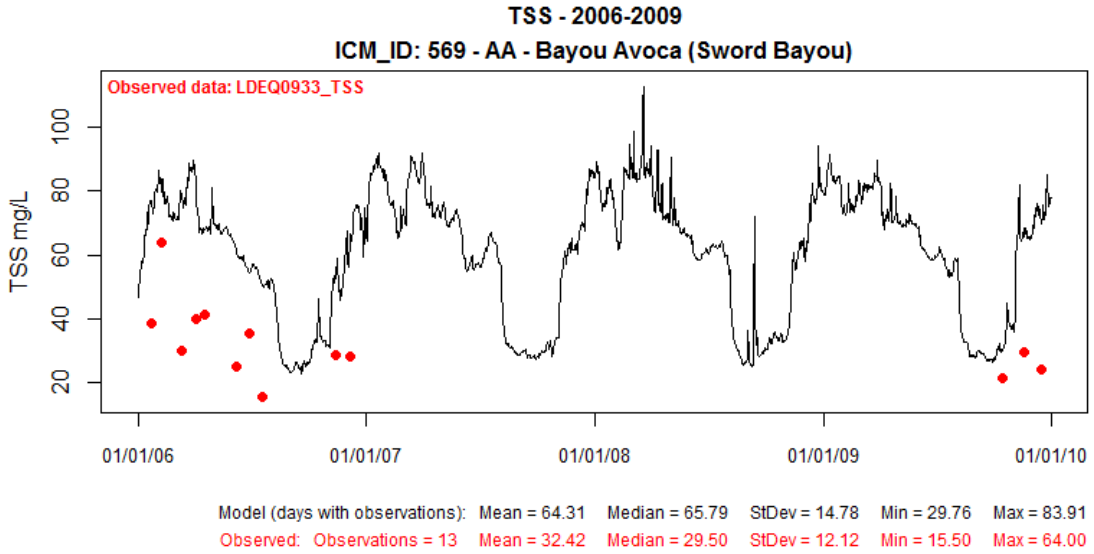

Figure 208: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 569 Compared to Observed Data at LDEQ0933 for Validation Period 2006-2009.

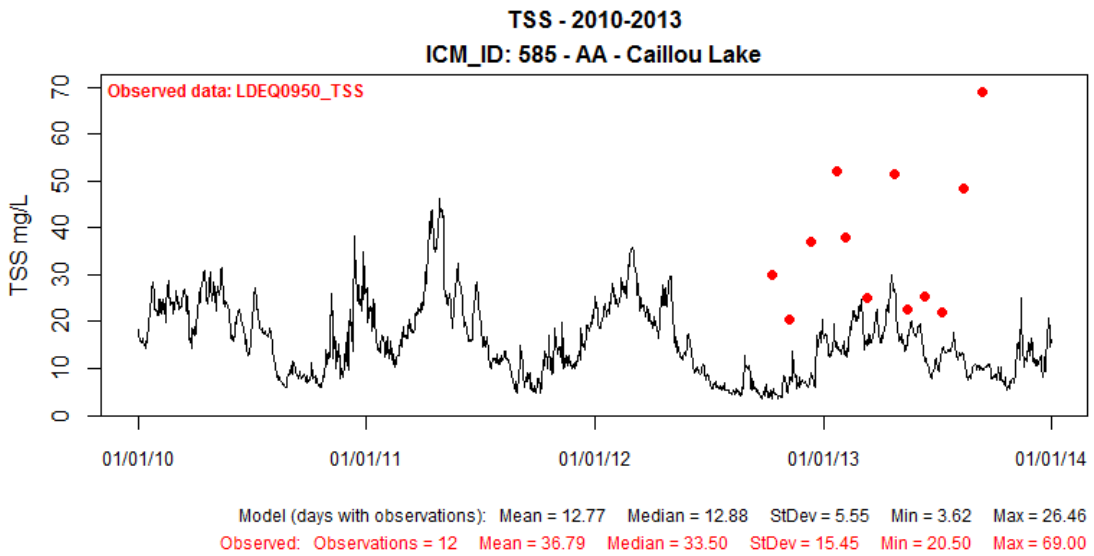

Figure 209: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 585 Compared to Observed Data at LDEQ0950 for Calibration Period 2010-2013.

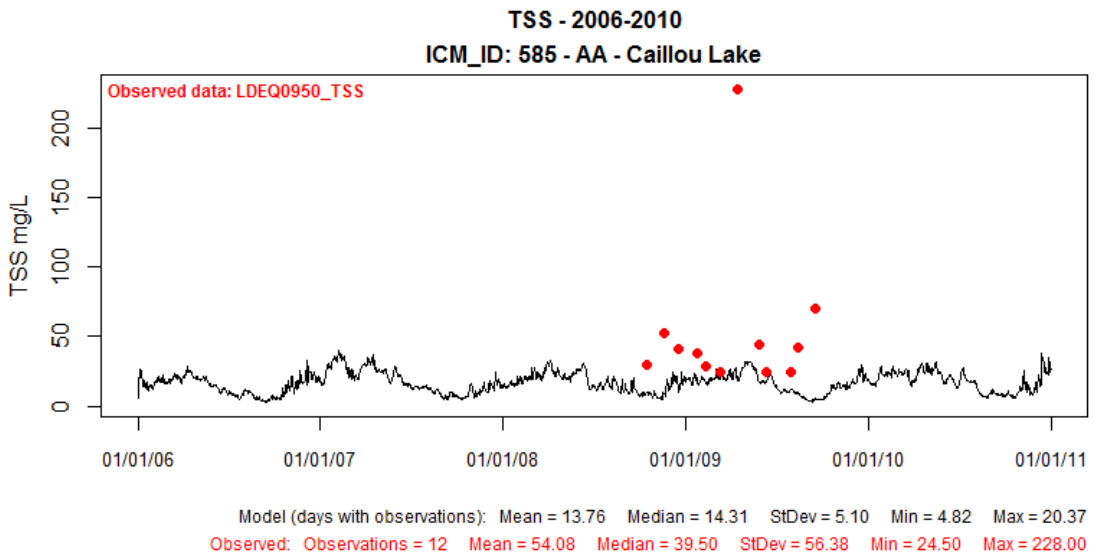

Figure 210: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 585 Compared to Observed Data at LDEQ0950 for Validation Period 2006-2009.

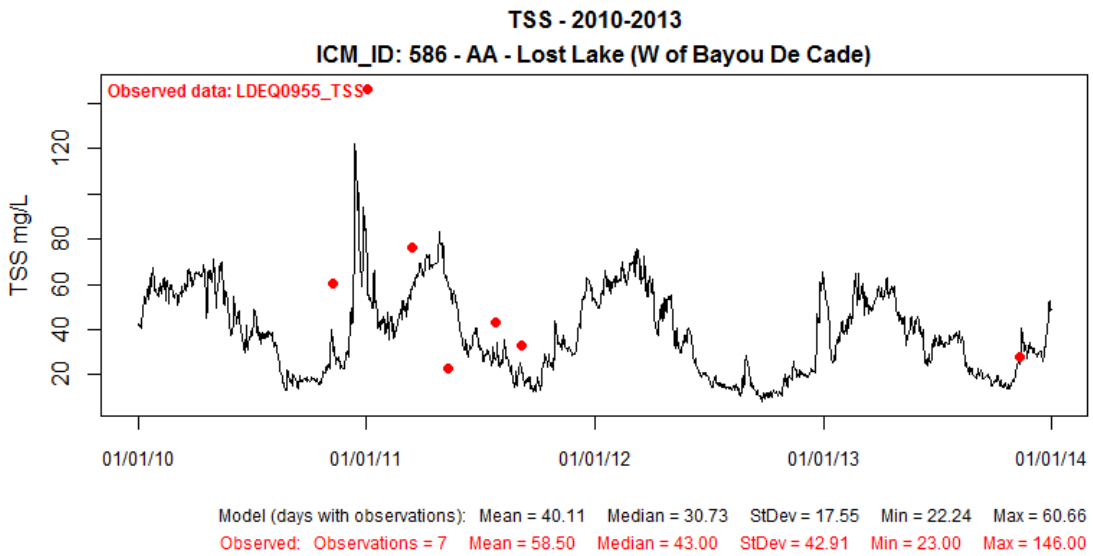

Figure 211: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 586 Compared to Observed Data at LDEQ0955 for Calibration Period 2010-2013.

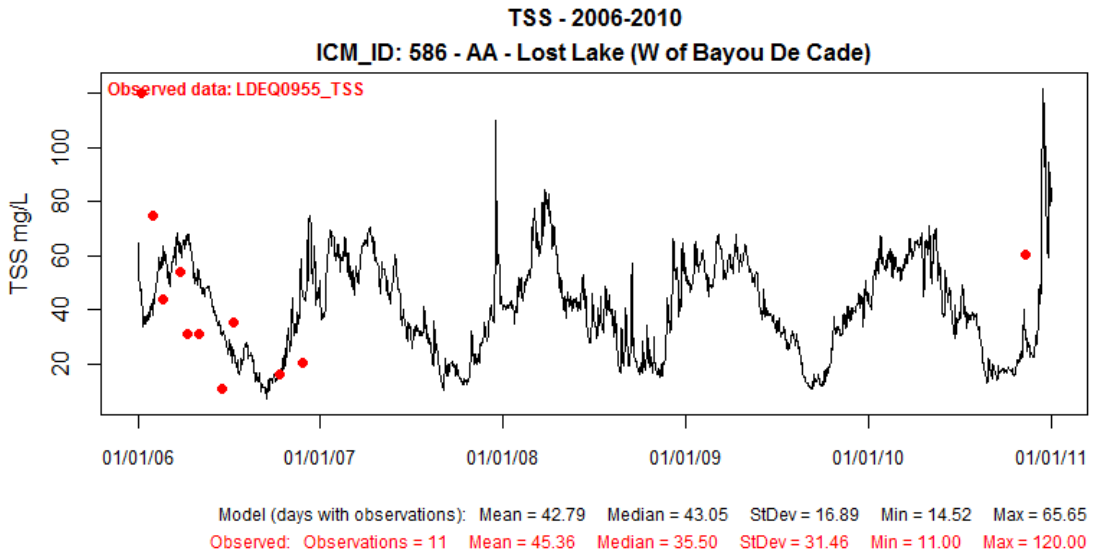

Figure 212: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 586 Compared to Observed Data at LDEQ0955 for Validation Period 2006-2009.

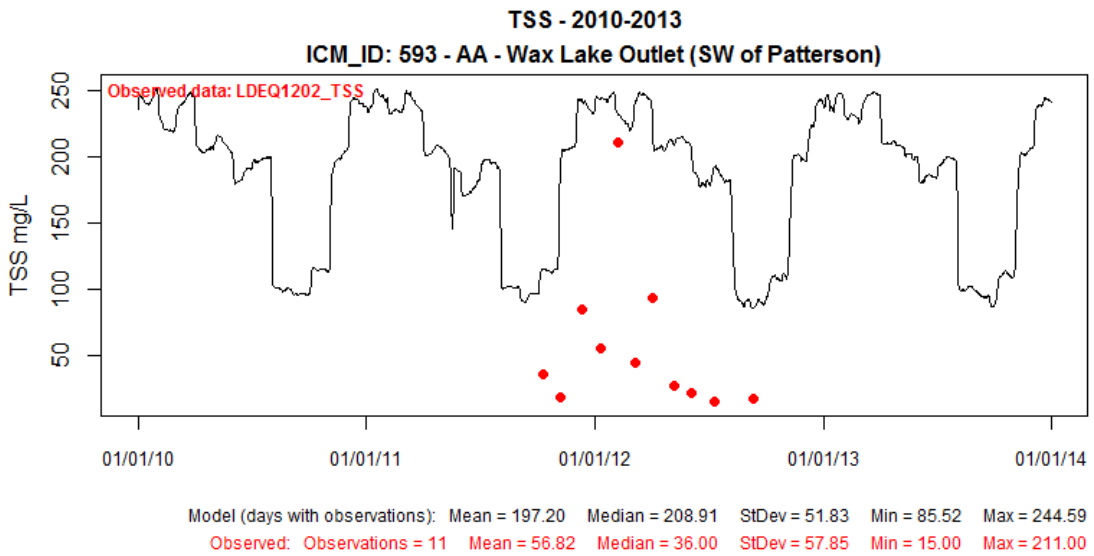

Figure 213: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 593 Compared to Observed Data at LDEQ1202 for Calibration Period 2010-2013.

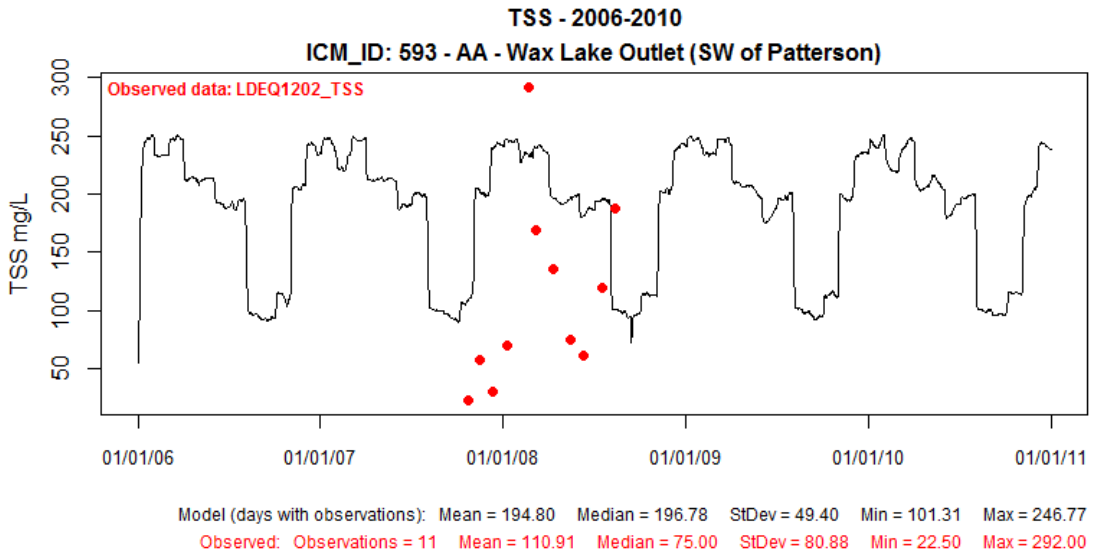

Figure 214: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 593 Compared to Observed Data at LDEQ1202 for Validation Period 2006-2009.

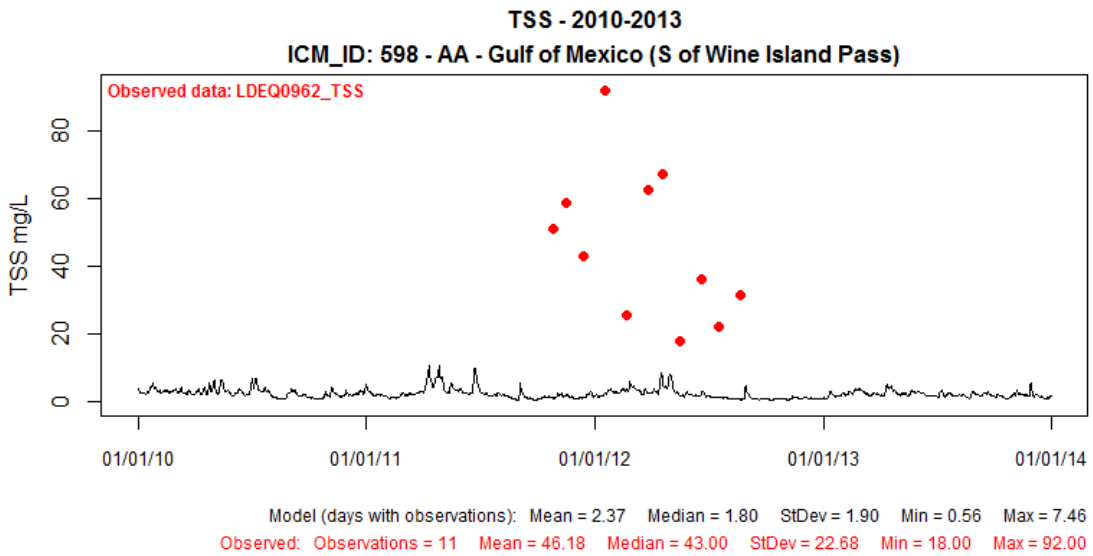

Figure 215: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 598 Compared to Observed Data at LDEQ0962 for Calibration Period 2010-2013.

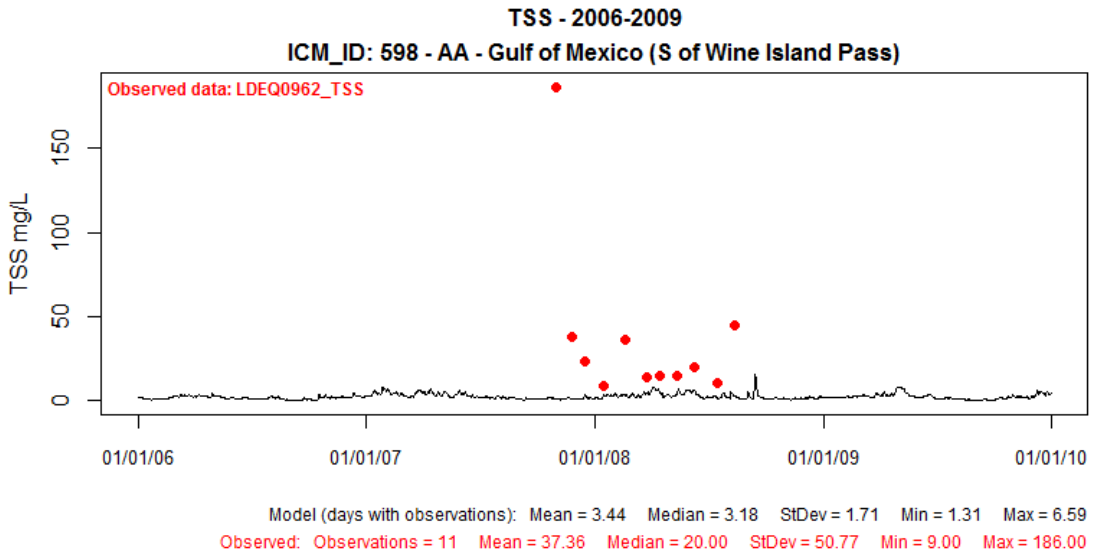

Figure 216: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 598 Compared to Observed Data at LDEQ0962 for Validation Period 2006-2009.

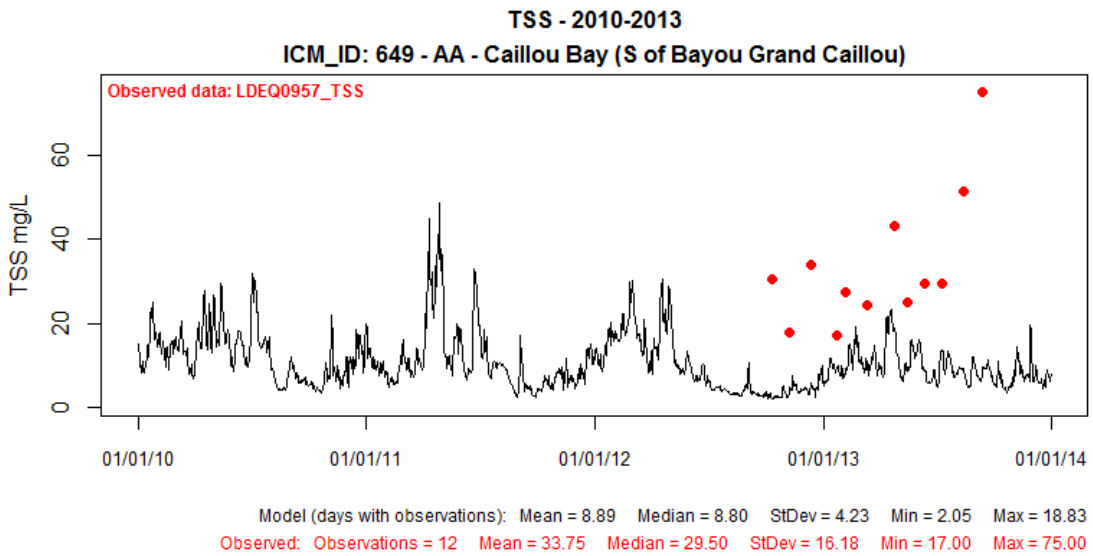

Figure 217: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 649 Compared to Observed Data at LDEQ0957 for Calibration Period 2010-2013.

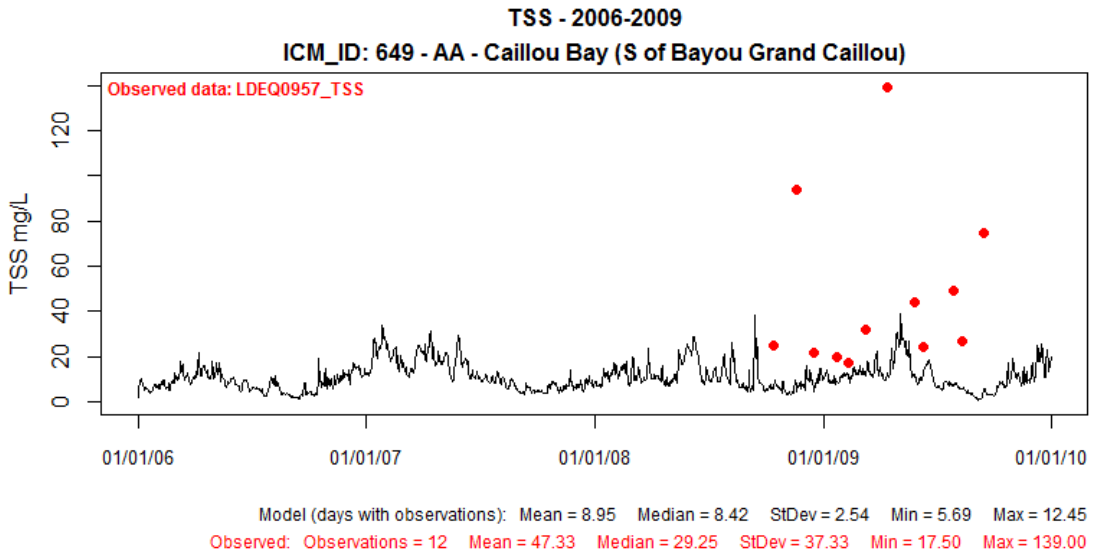

Figure 218: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 649 Compared to Observed Data at LDEQ0957 for Validation Period 2006-2009.

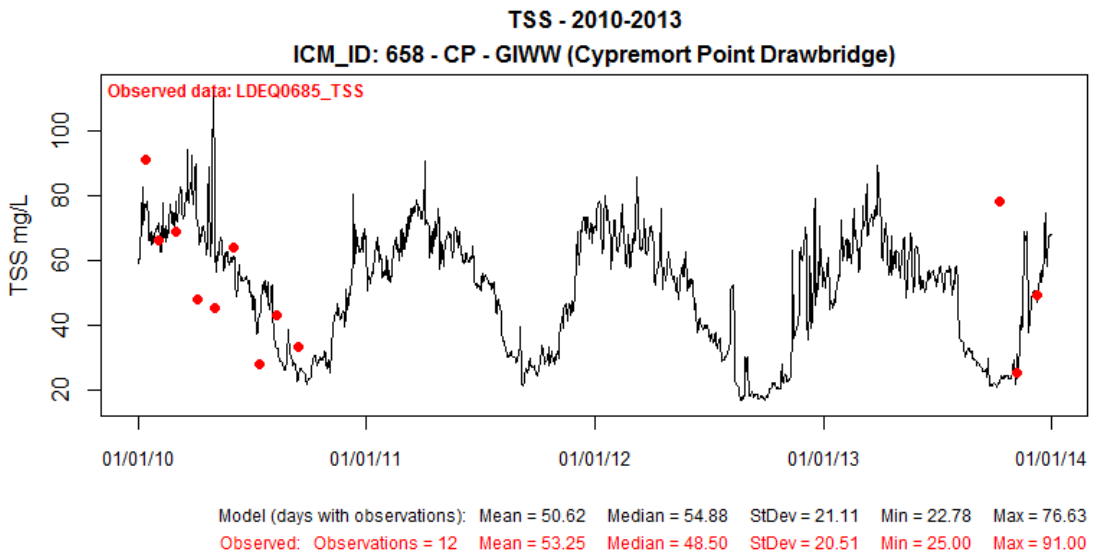

Figure 219: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 658 Compared to Observed Data at LDEQ0685 for Calibration Period 2010-2013.

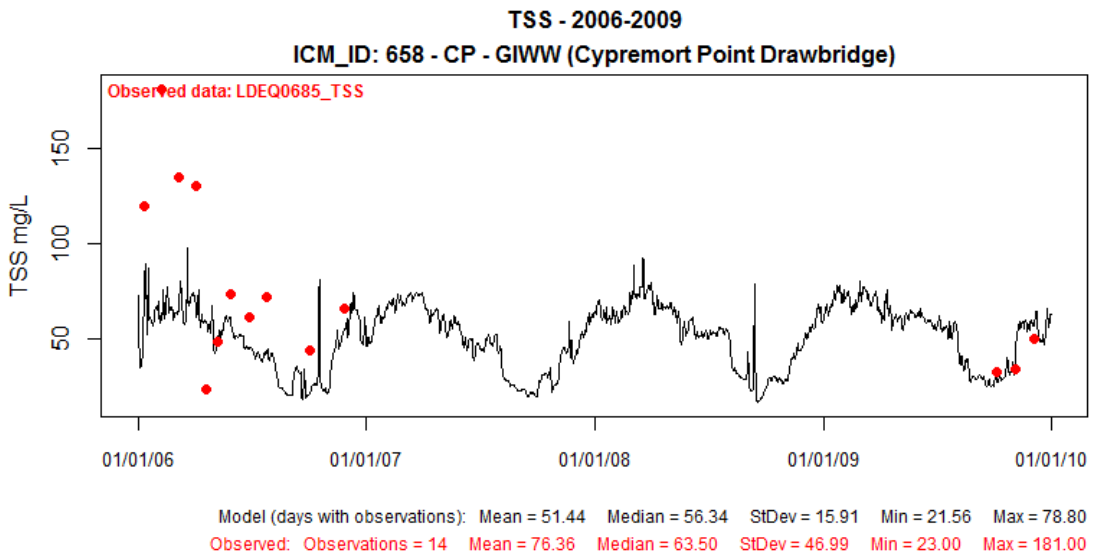

Figure 220: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 658 Compared to Observed Data at LDEQ0685 for Validation Period 2006-2009.

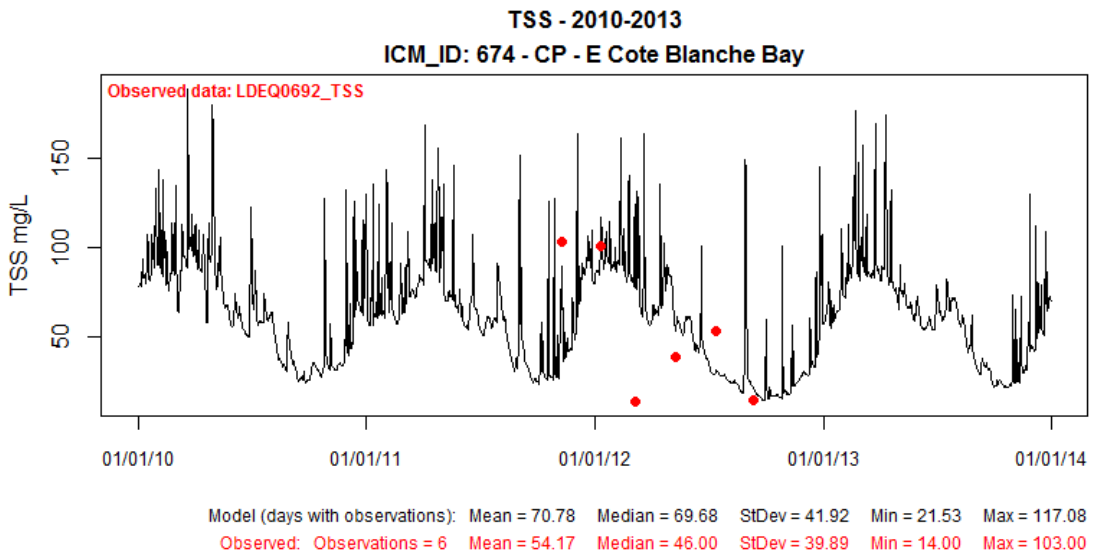

Figure 221: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 674 Compared to Observed Data at LDEQ0692 for Calibration Period 2010-2013.

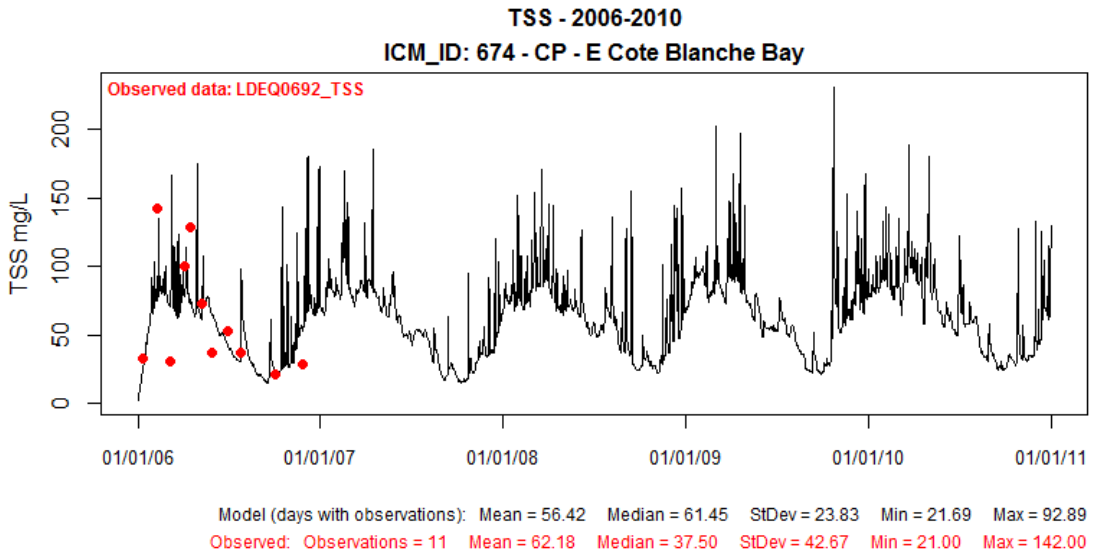

Figure 222: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 674 Compared to Observed Data at LDEQ0692 for Validation Period 2006-2009.

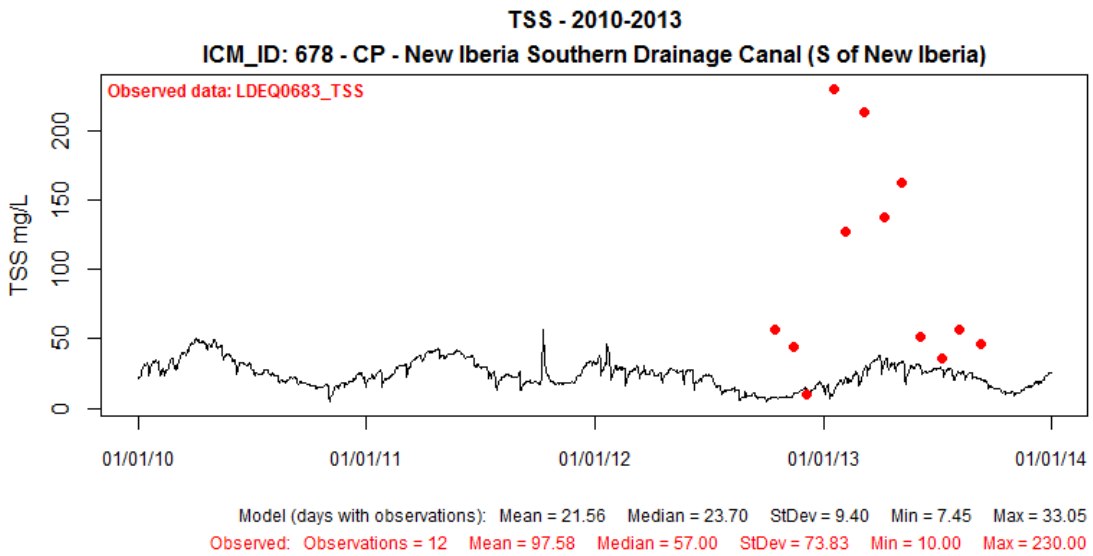

Figure 223: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 678 Compared to Observed Data at LDEQ0683 for Calibration Period 2010-2013.

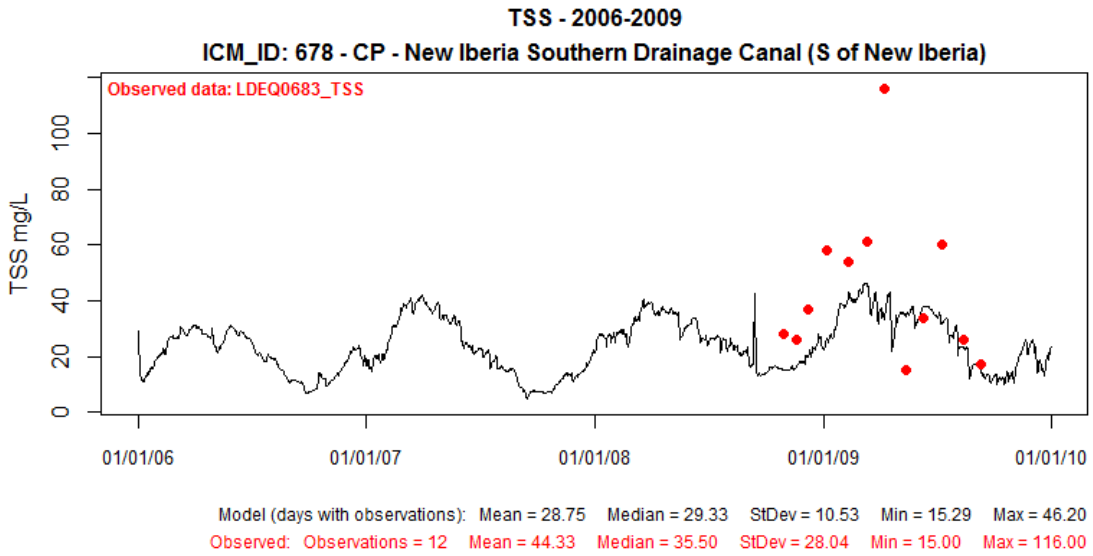

Figure 224: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 678 Compared to Observed Data at LDEQ0683 for Validation Period 2006-2009.

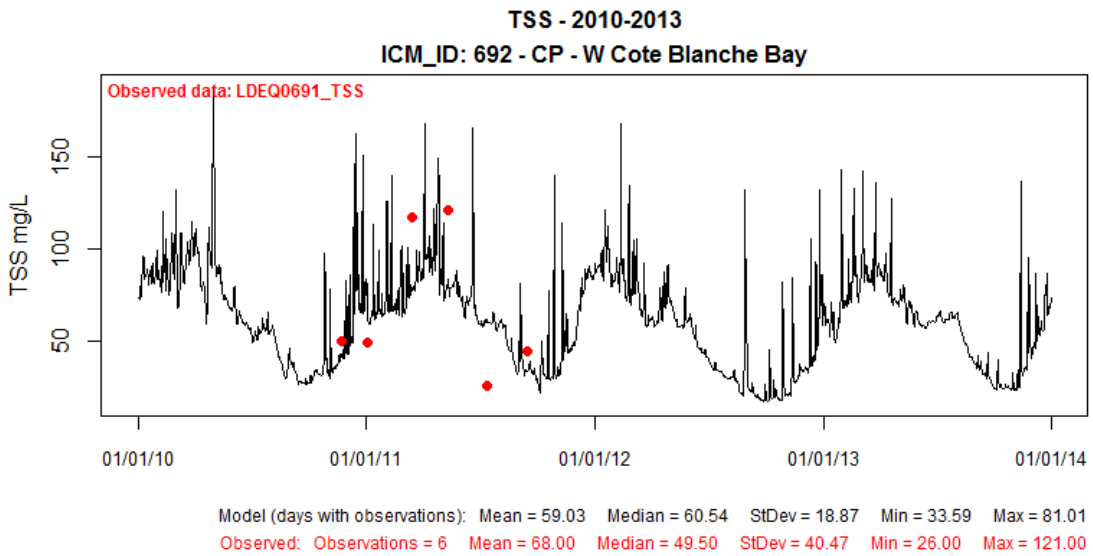

Figure 225: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 692 Compared to Observed Data at LDEQ0691 for Calibration Period 2010-2013.

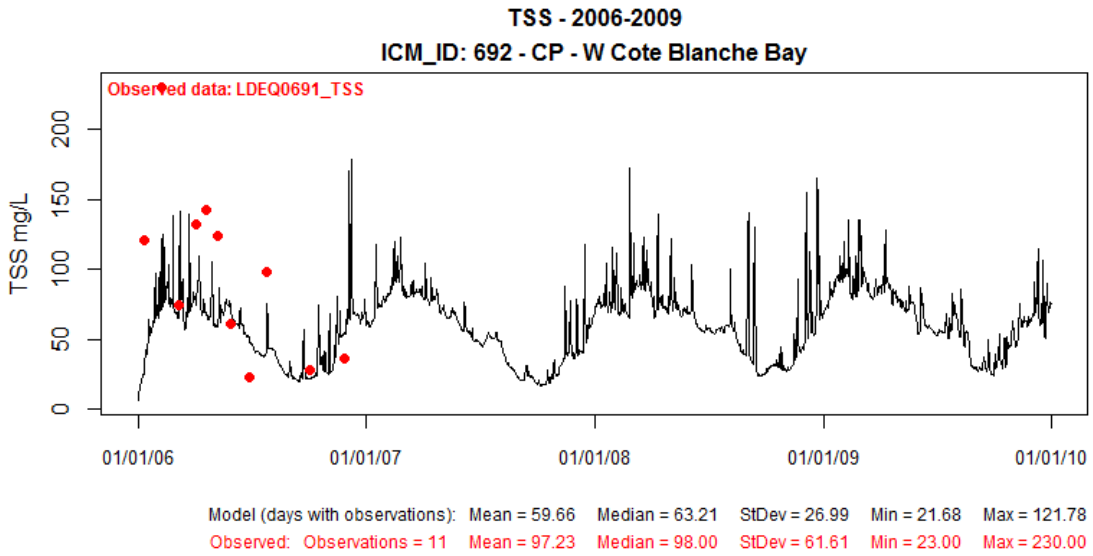

Figure 226: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 692 Compared to Observed Data at LDEQ0691 for Validation Period 2006-2009.

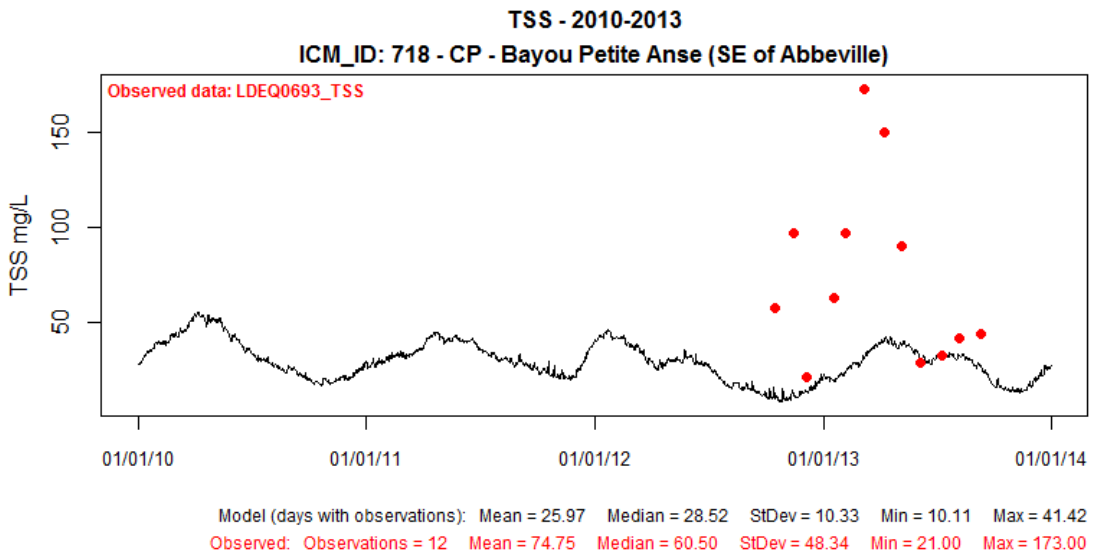

Figure 227: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 718 Compared to Observed Data at LDEQ0693 for Calibration Period 2010-2013.

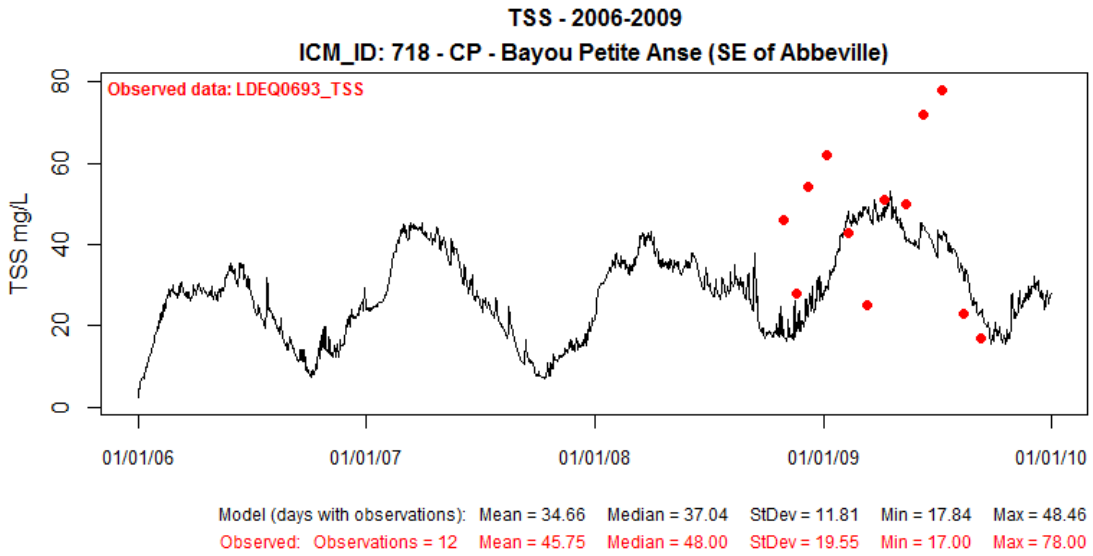

Figure 228: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 718 Compared to Observed Data at LDEQ0693 for Validation Period 2006-2009.

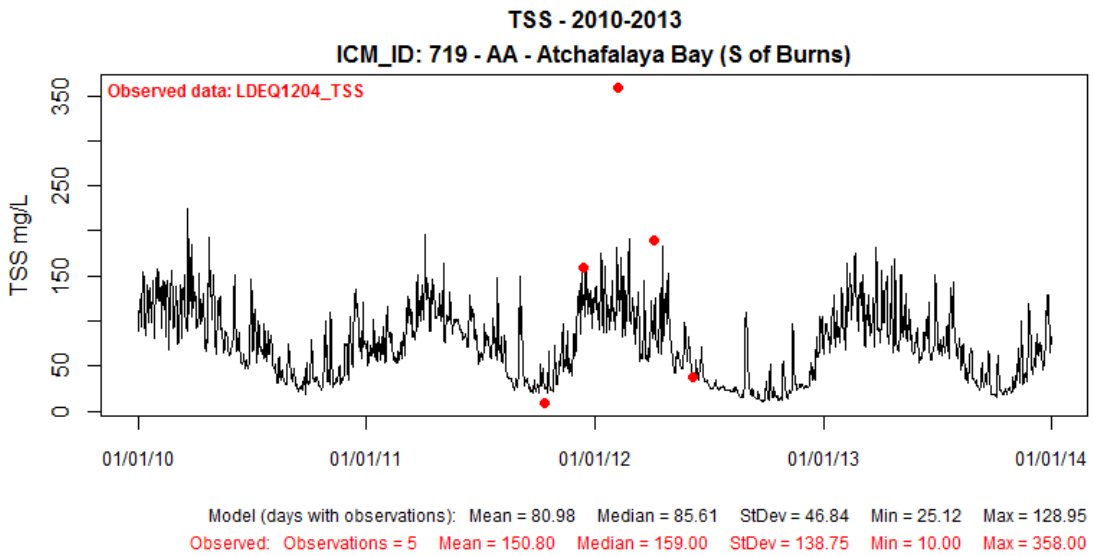

Figure 229: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 719 Compared to Observed Data at LDEQ1204 for Calibration Period 2010-2013.

Figure 230: No Validation Figure for ICM Compartment 719.

DRAFT

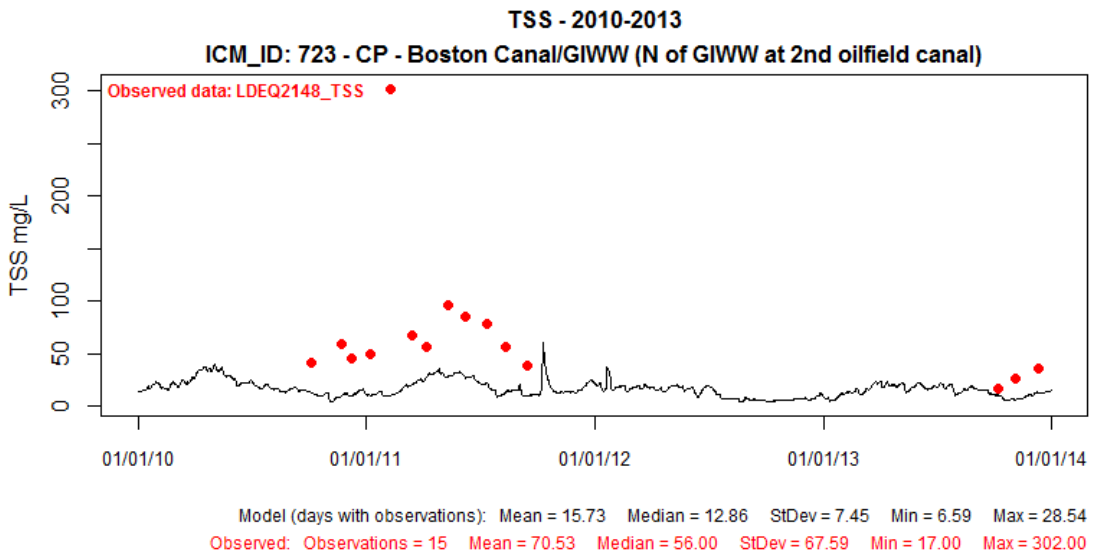

Figure 231: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 723 Compared to Observed Data at LDEQ2148 for Calibration Period 2010-2013.

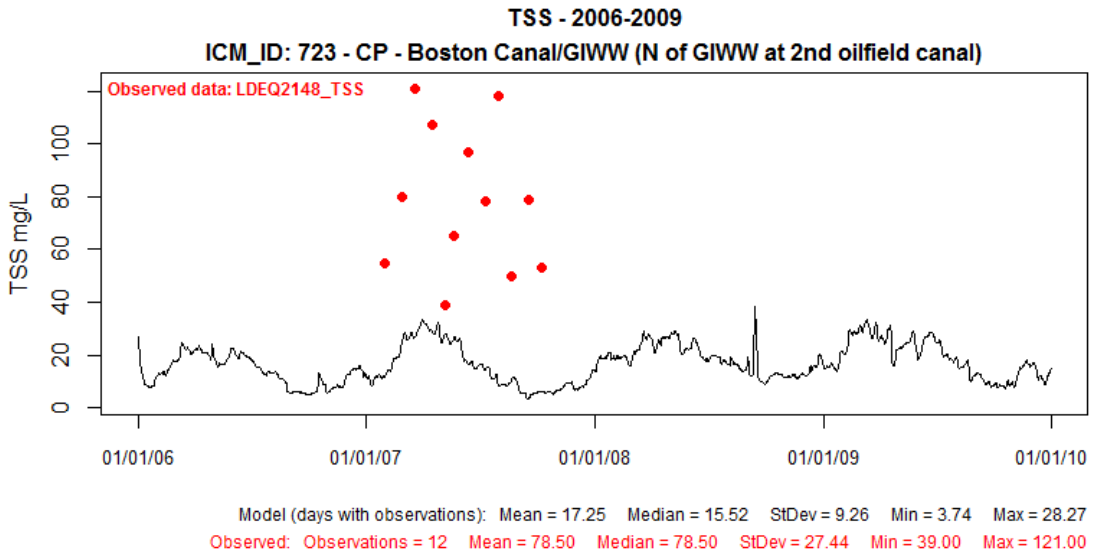

Figure 232: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 723 Compared to Observed Data at LDEQ2148 for Validation Period 2006-2009.

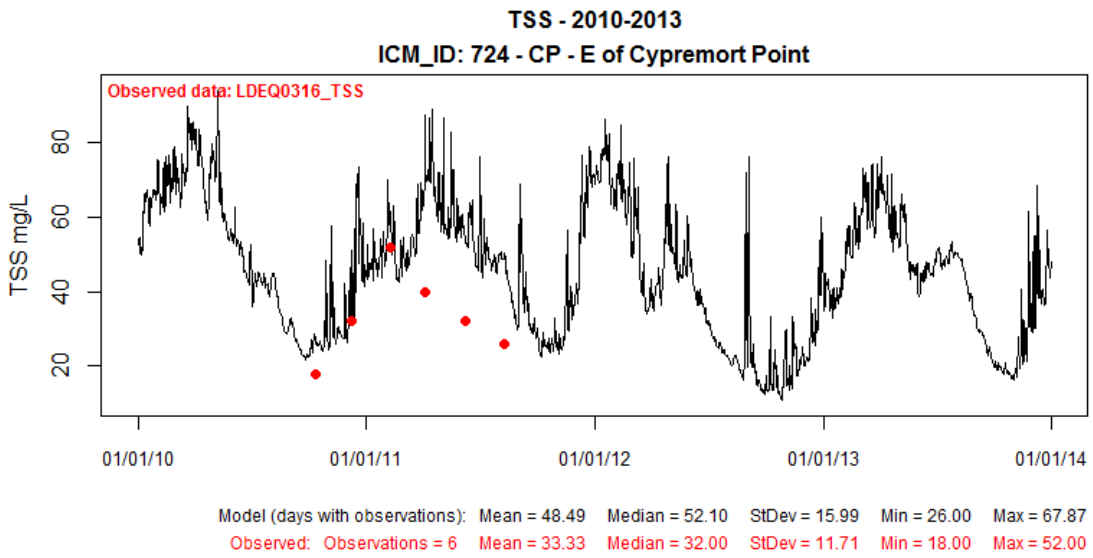

Figure 233: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 724 Compared to Observed Data at LDEQ0316 for Calibration Period 2010-2013.

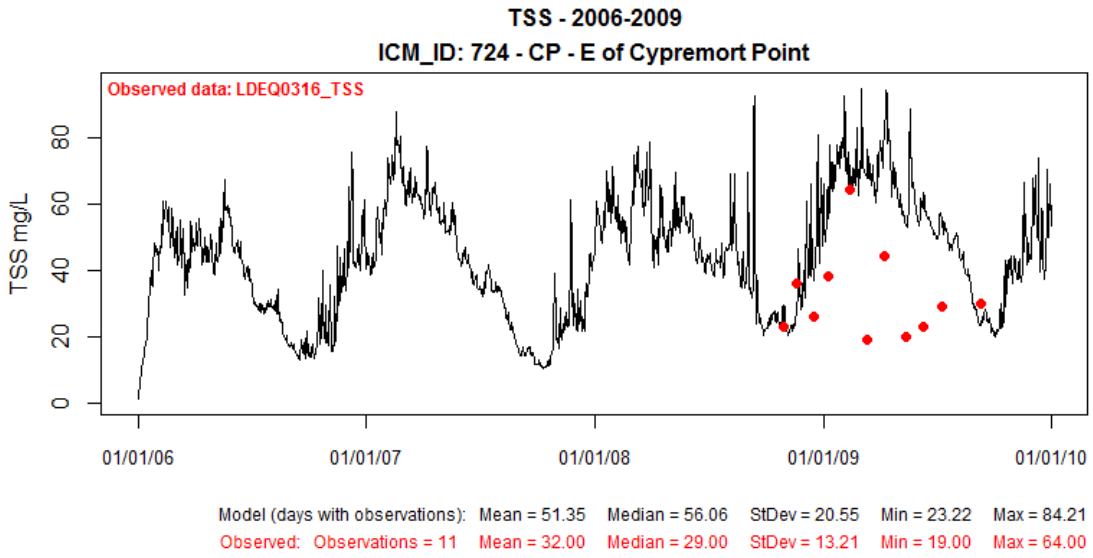

Figure 234: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 724 Compared to Observed Data at LDEQ0316 for Validation Period 2006-2009.

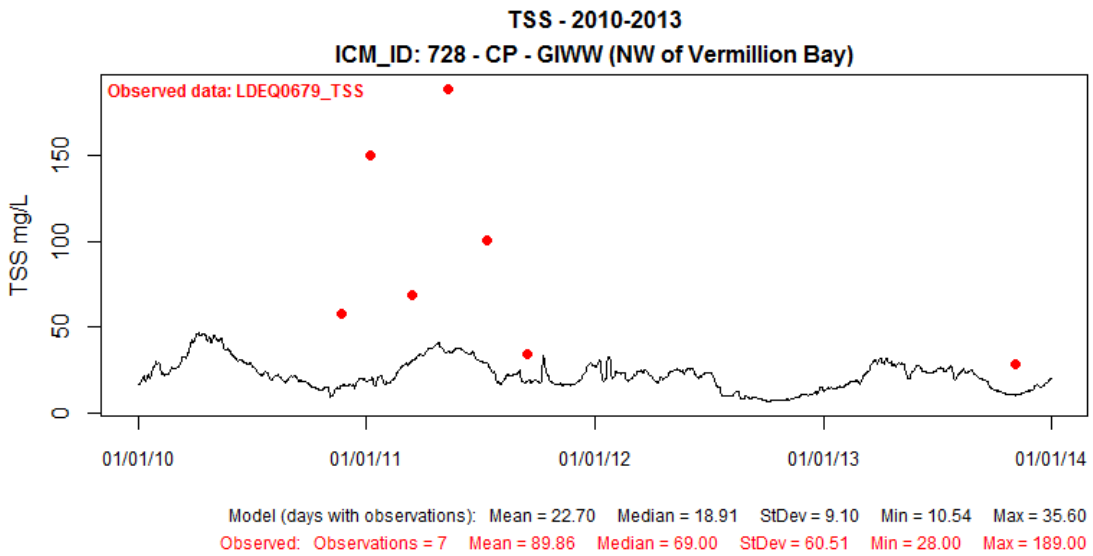

Figure 235: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 728 Compared to Observed Data at LDEQ0679 for Calibration Period 2010-2013.

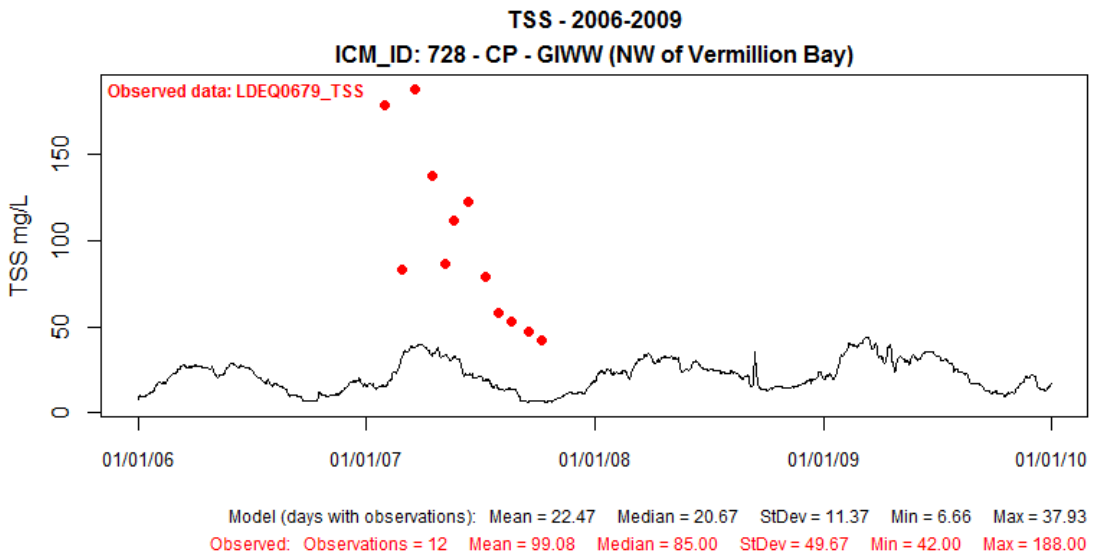

Figure 236: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 728 Compared to Observed Data at LDEQ0679 for Validation Period 2006-2009.

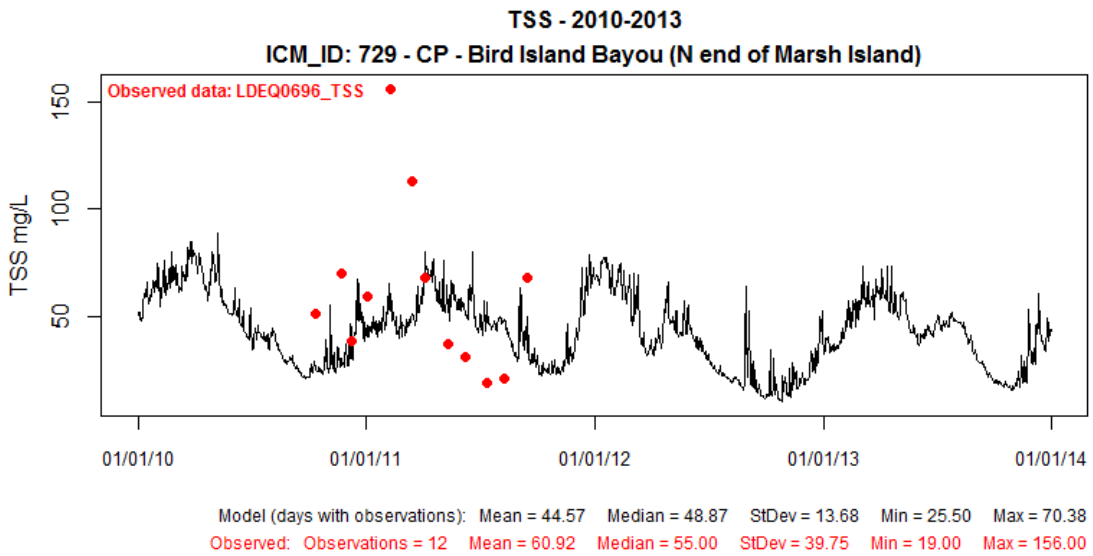

Figure 237: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 729 Compared to Observed Data at LDEQ0696 for Calibration Period 2010-2013.

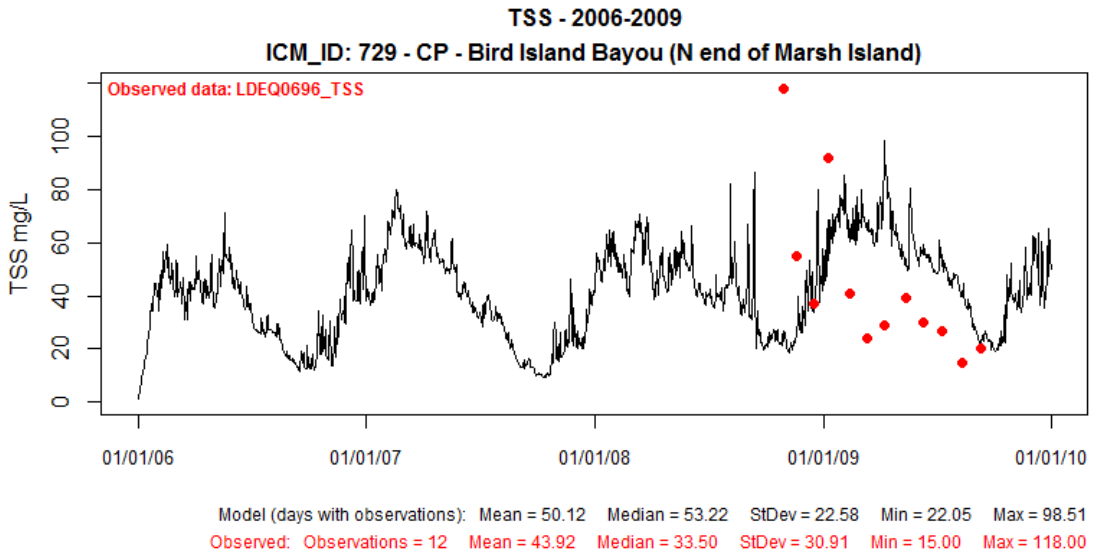

Figure 238: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 729 Compared to Observed Data at LDEQ0696 for Validation Period 2006-2009.

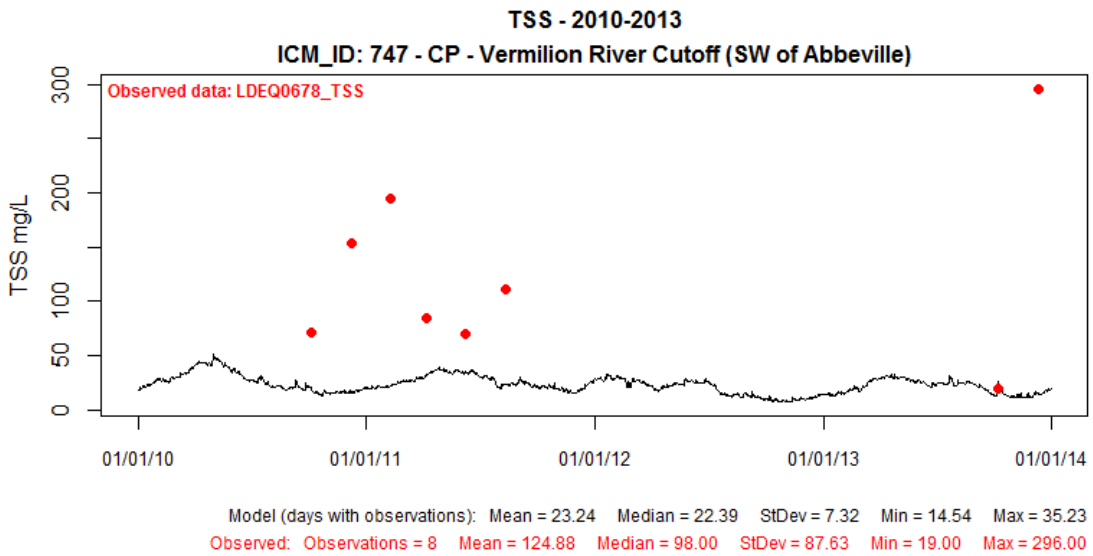

Figure 239: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 747 Compared to Observed Data at LDEQ0678 for Calibration Period 2010-2013.

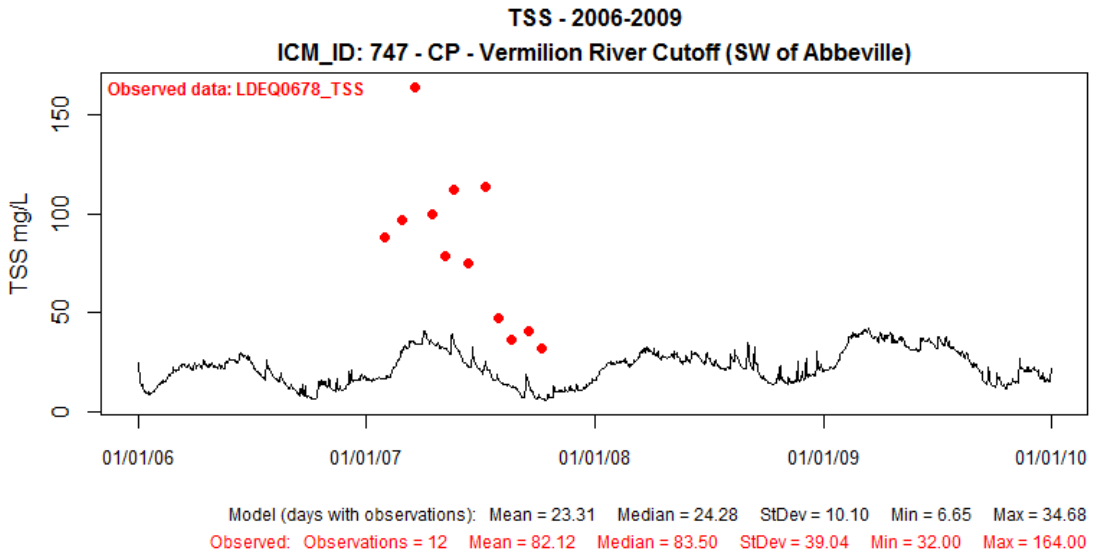

Figure 240: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 747 Compared to Observed Data at LDEQ0678 for Validation Period 2006-2009.

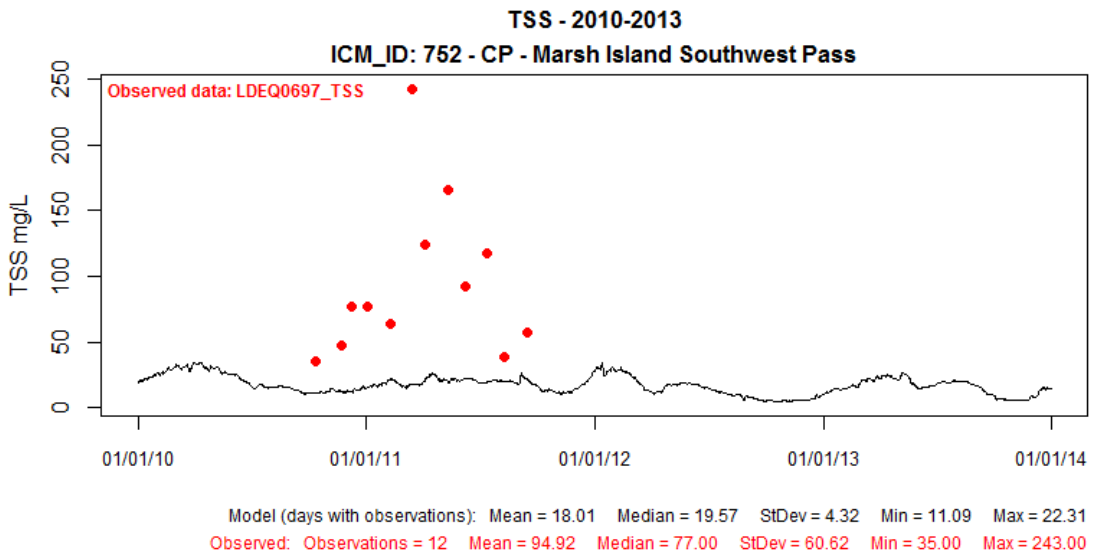

Figure 241: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 752 Compared to Observed Data at LDEQ0697 for Calibration Period 2010-2013.

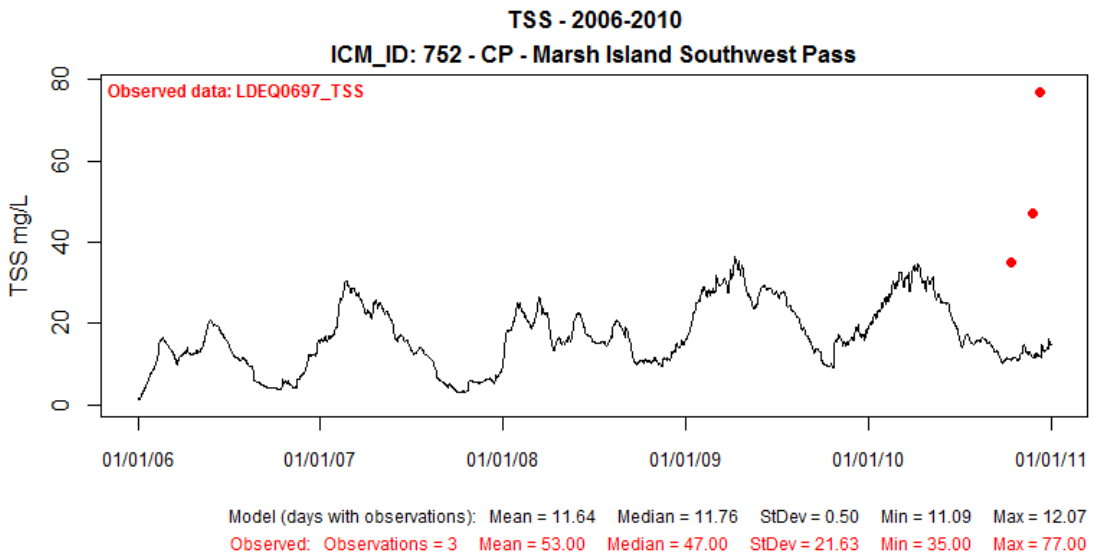

Figure 242: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 752 Compared to Observed Data at LDEQ0697 for Validation Period 2006-2009.

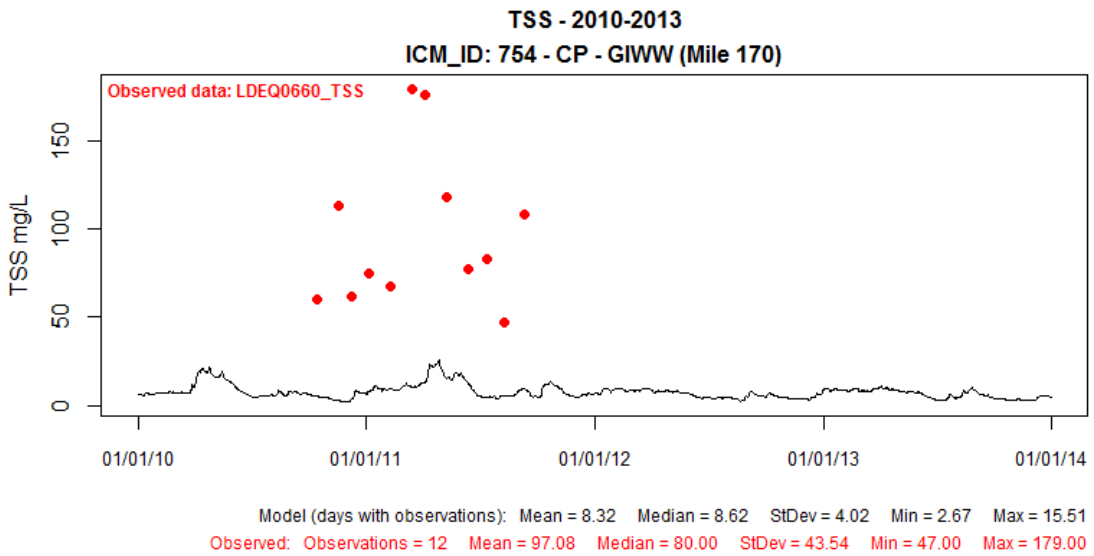

Figure 243: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 754 Compared to Observed Data at LDEQ0660 for Calibration Period 2010-2013.

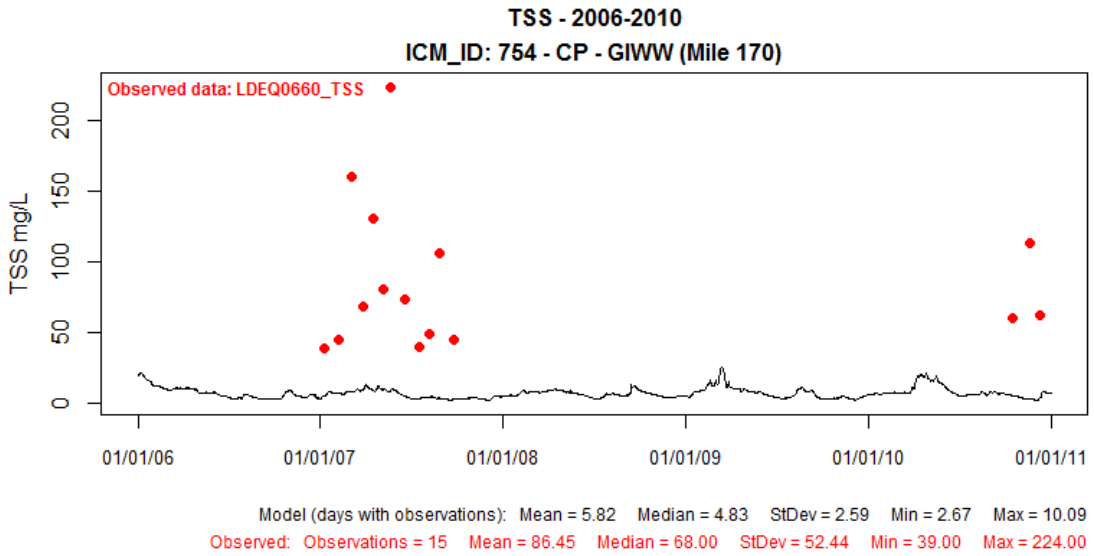

Figure 244: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 754 Compared to Observed Data at LDEQ0660 for Validation Period 2006-2009.

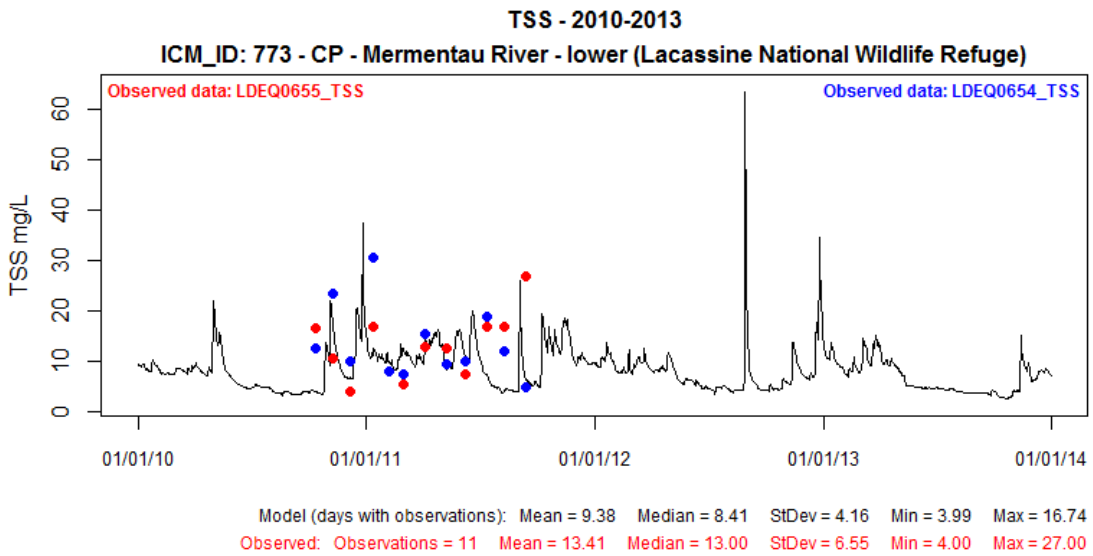

Figure 245: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 773 Compared to Observed Data at LDEQ0655 for Calibration Period 2010-2013.

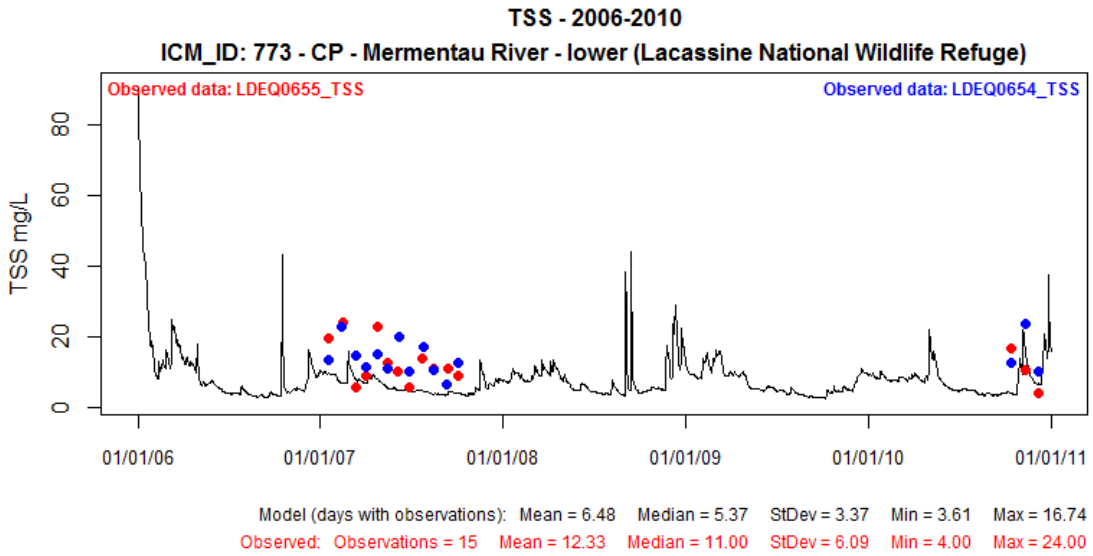

Figure 246: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 773 Compared to Observed Data at LDEQ0655 for Validation Period 2006-2009.

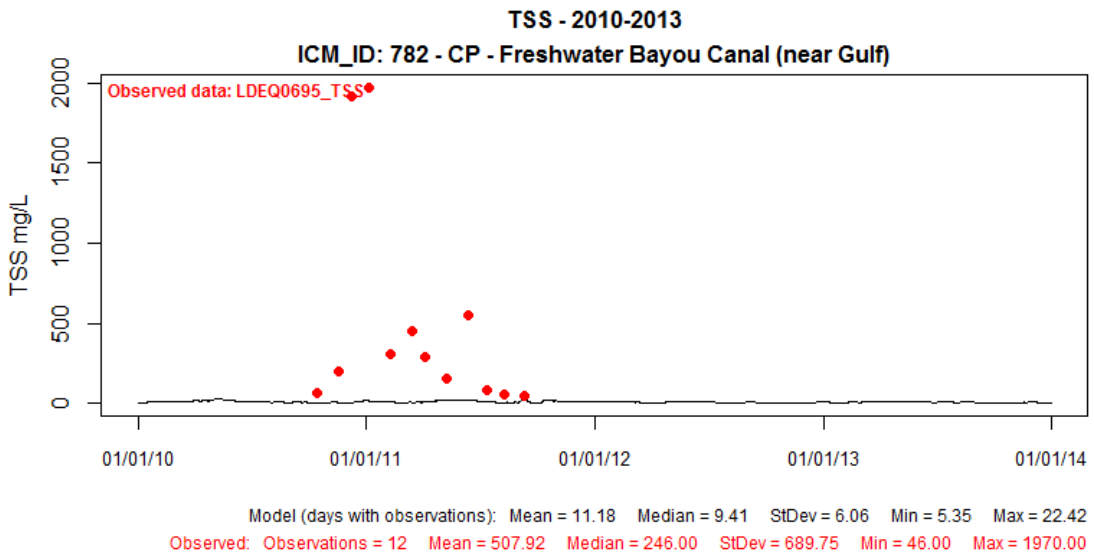

Figure 247: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 782 Compared to Observed Data at LDEQ0695 for Calibration Period 2010-2013.

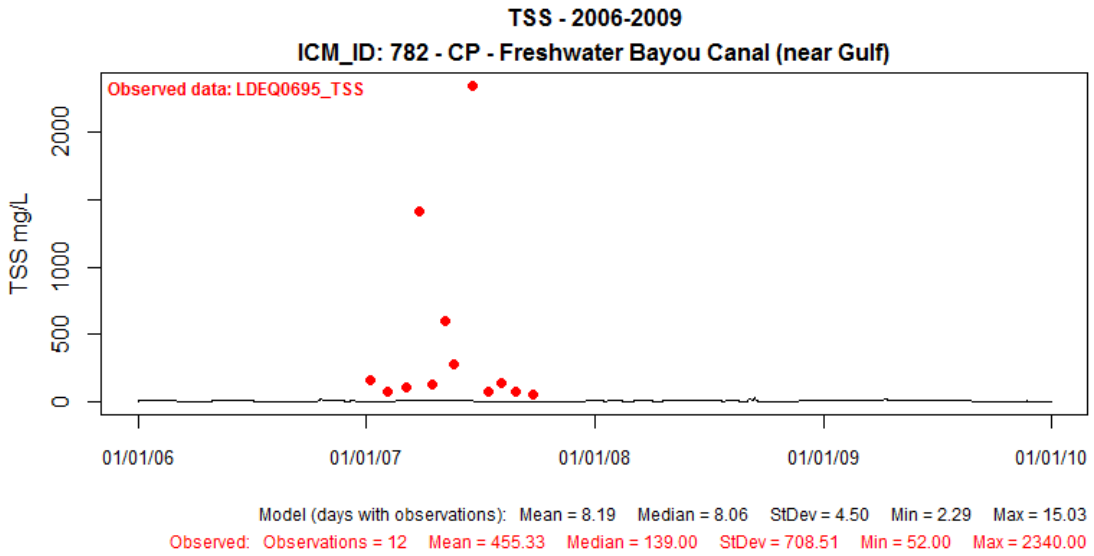

Figure 248: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 782 Compared to Observed Data at LDEQ0695 for Validation Period 2006-2009.

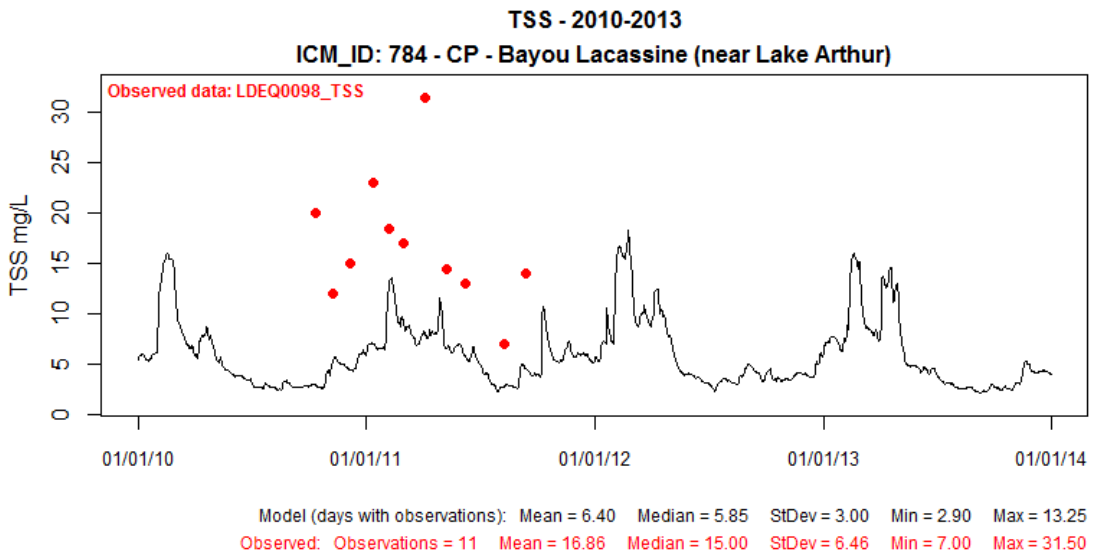

Figure 249: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 784 Compared to Observed Data at LDEQ0098 for Calibration Period 2010-2013.

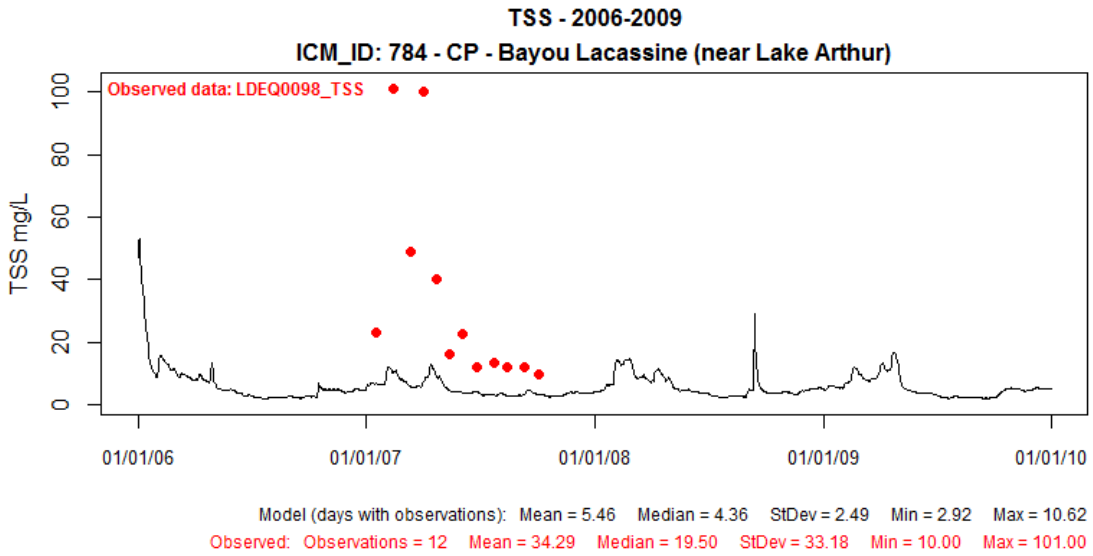

Figure 250: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 784 Compared to Observed Data at LDEQ0098 for Validation Period 2006-2009.

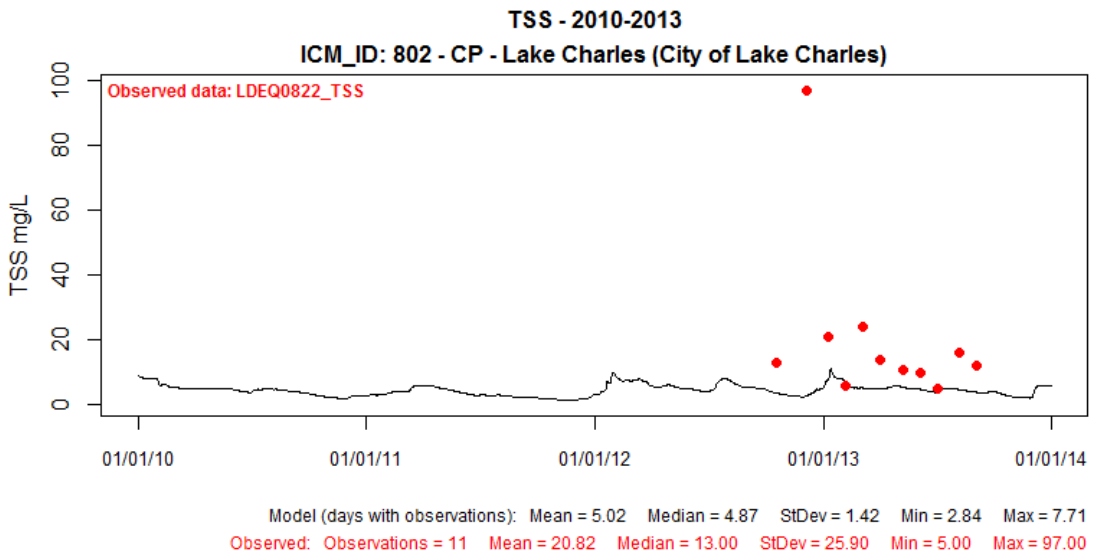

Figure 251: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 802 Compared to Observed Data at LDEQ0822 for Calibration Period 2010-2013.

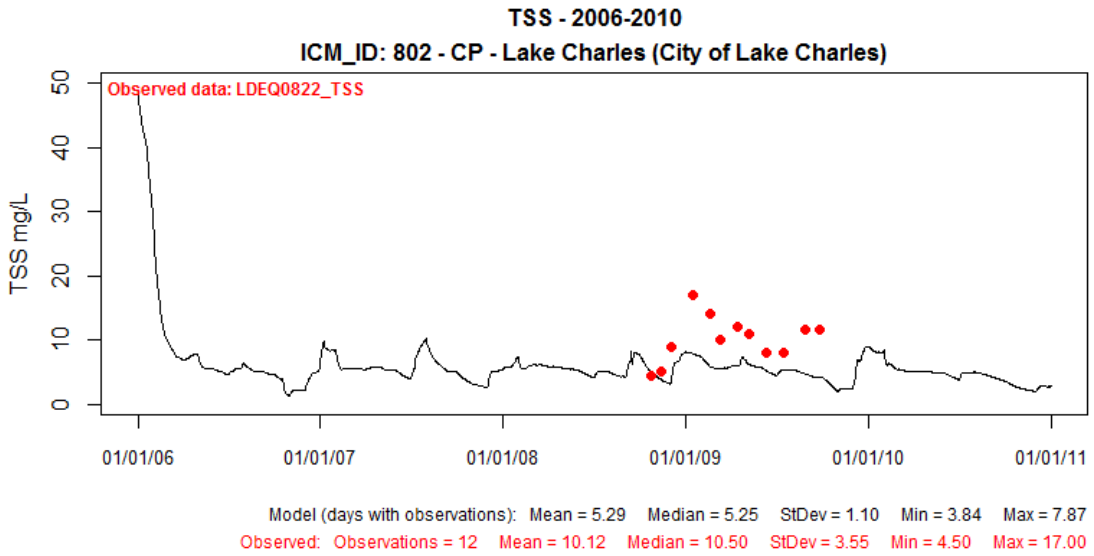

Figure 252: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 802 Compared to Observed Data at LDEQ0822 for Validation Period 2006-2009.

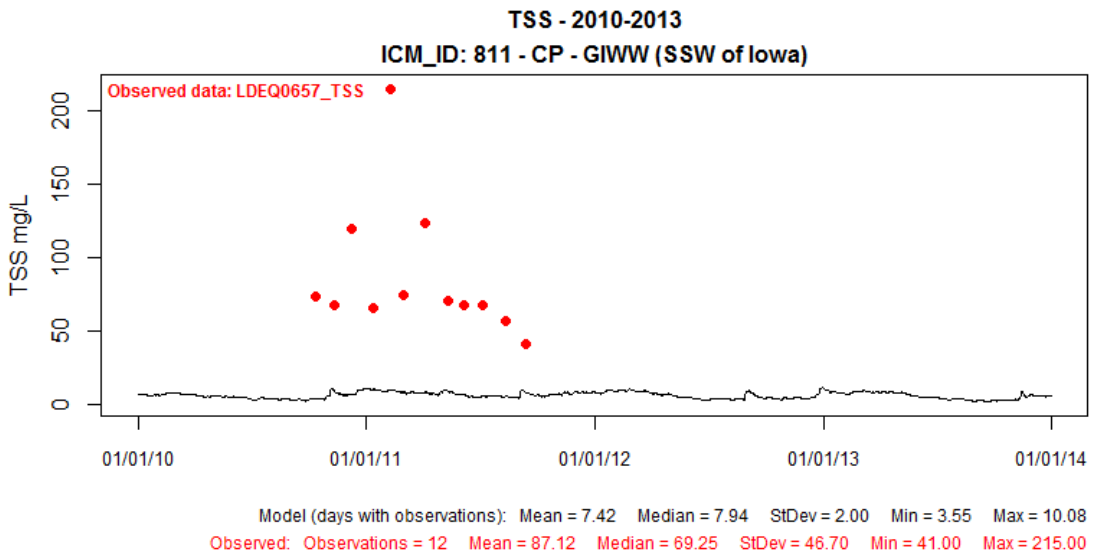

Figure 253: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 811 Compared to Observed Data at LDEQ0657 for Calibration Period 2010-2013.

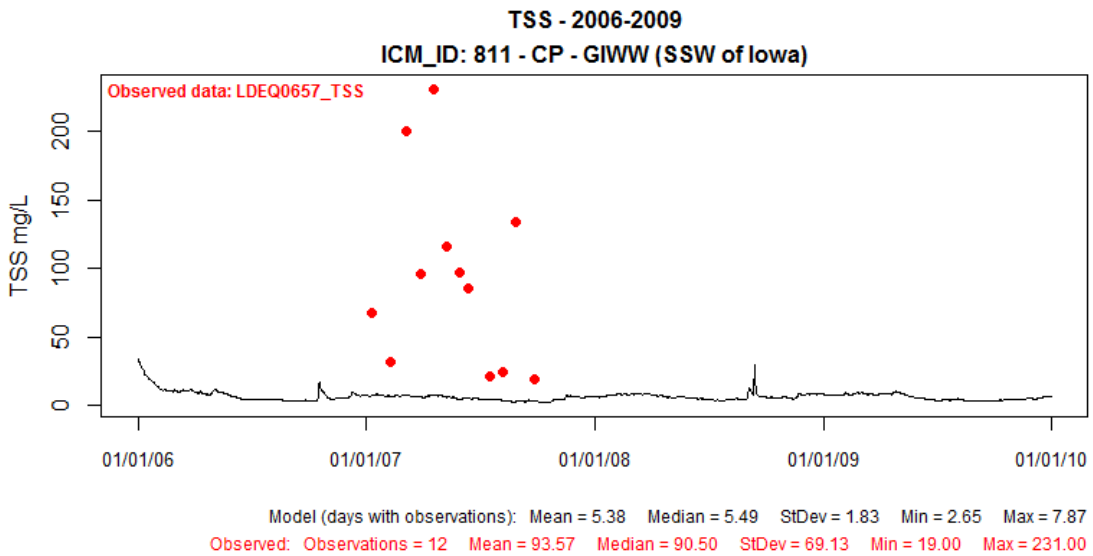

Figure 254: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 811 Compared to Observed Data at LDEQ0657 for Validation Period 2006-2009.

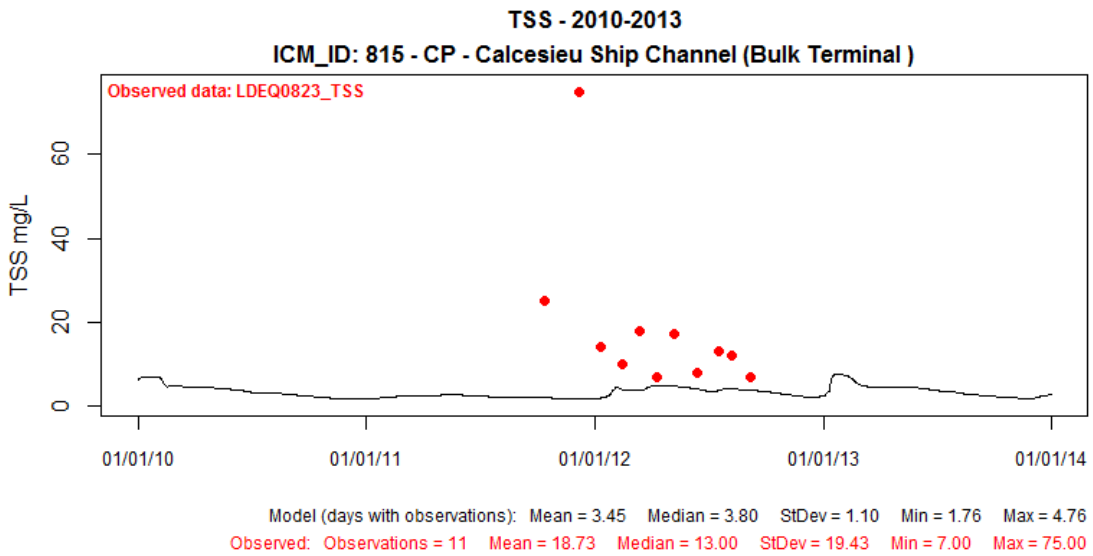

Figure 255: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 815 Compared to Observed Data at LDEQ0823 for Calibration Period 2010-2013.

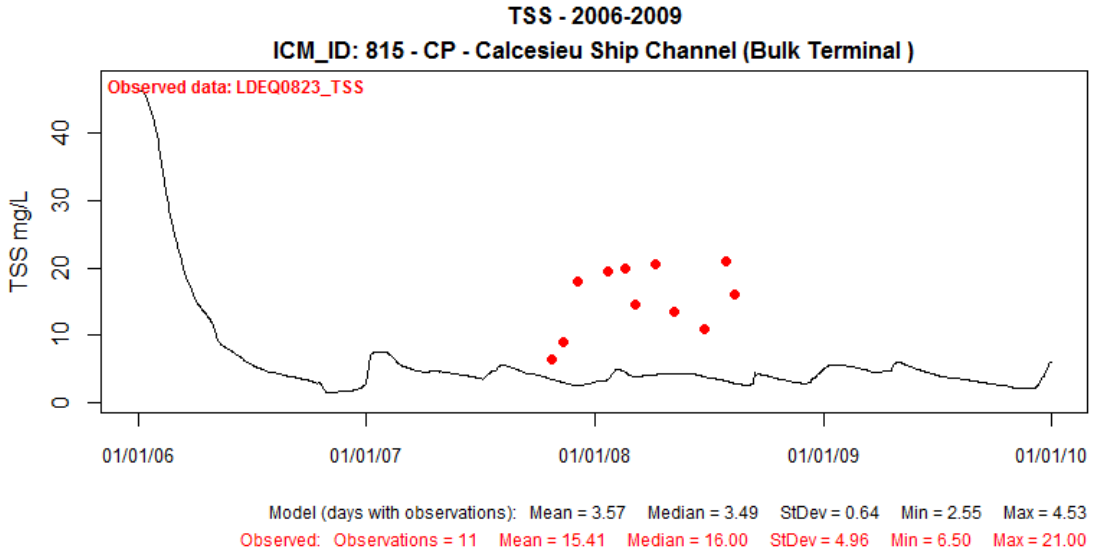

Figure 256: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 815 Compared to Observed Data at LDEQ0823 for Validation Period 2006-2009.

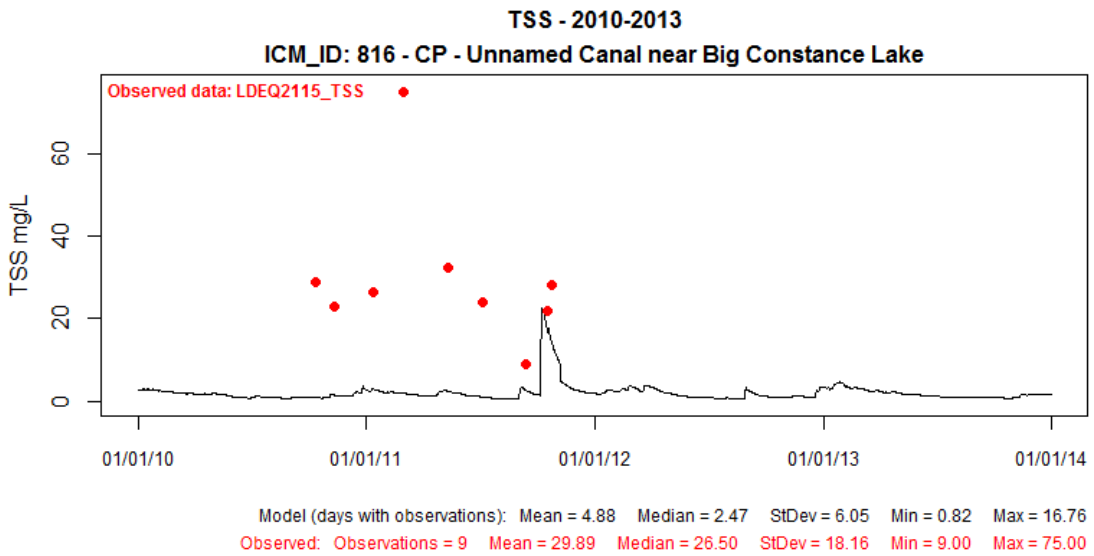

Figure 257: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 816 Compared to Observed Data at LDEQ2115 for Calibration Period 2010-2013.

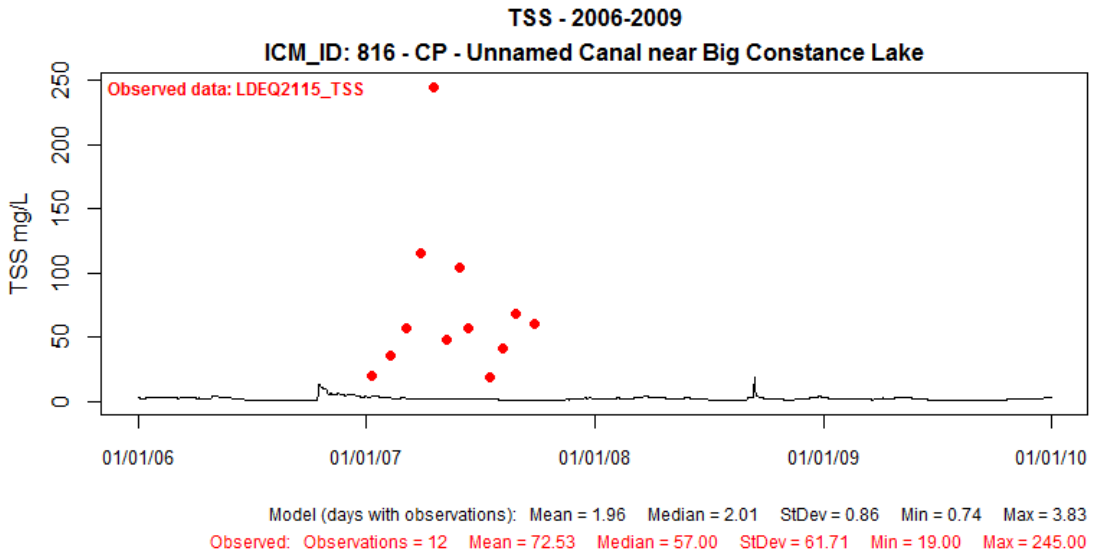

Figure 258: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 816 Compared to Observed Data at LDEQ2115 for Validation Period 2006-2009.

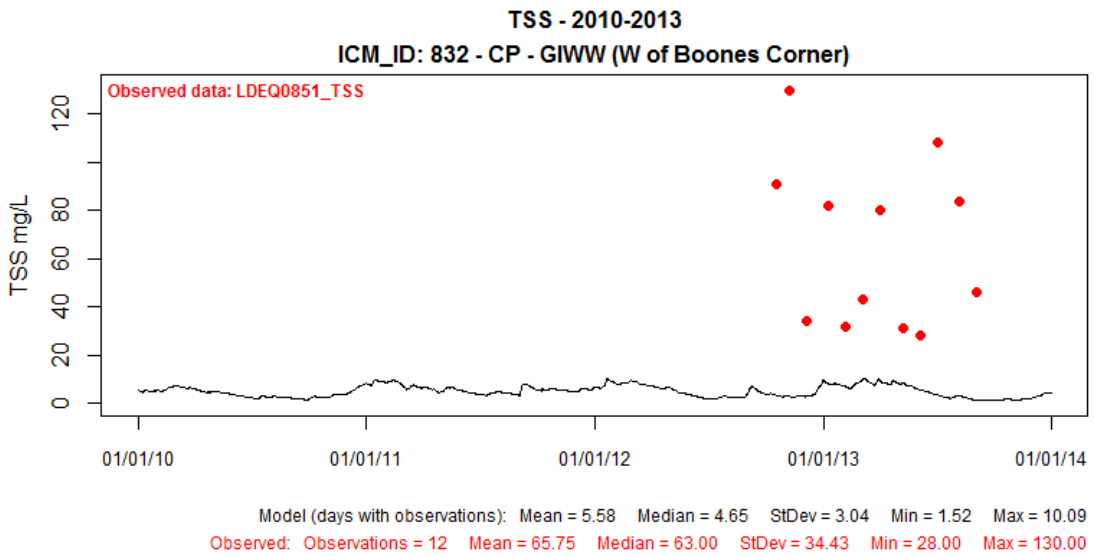

Figure 259: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 832 Compared to Observed Data at LDEQ0851 for Calibration Period 2010-2013.

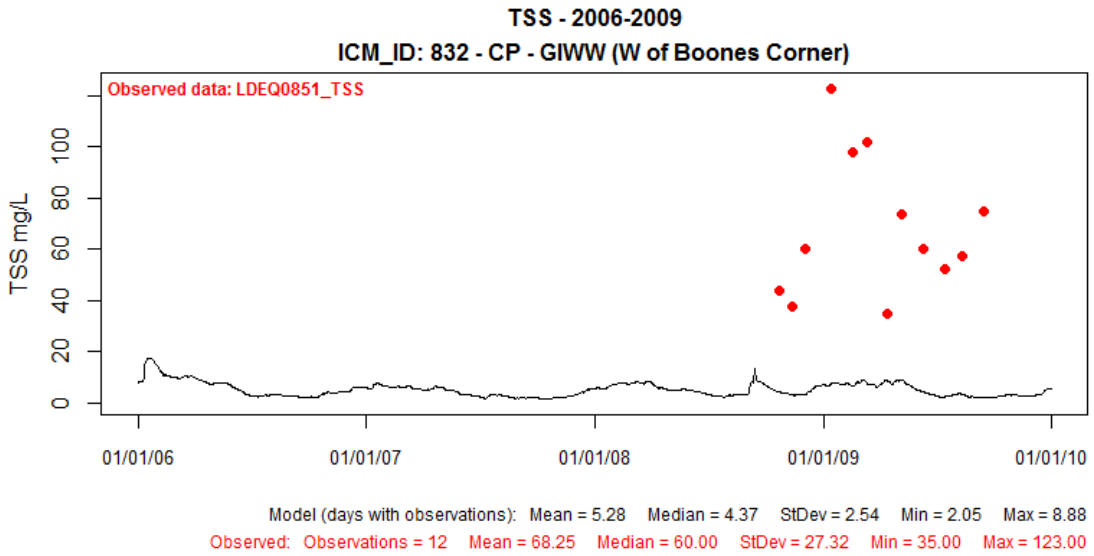

Figure 260: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 832 Compared to Observed Data at LDEQ0851 for Validation Period 2006-2009.

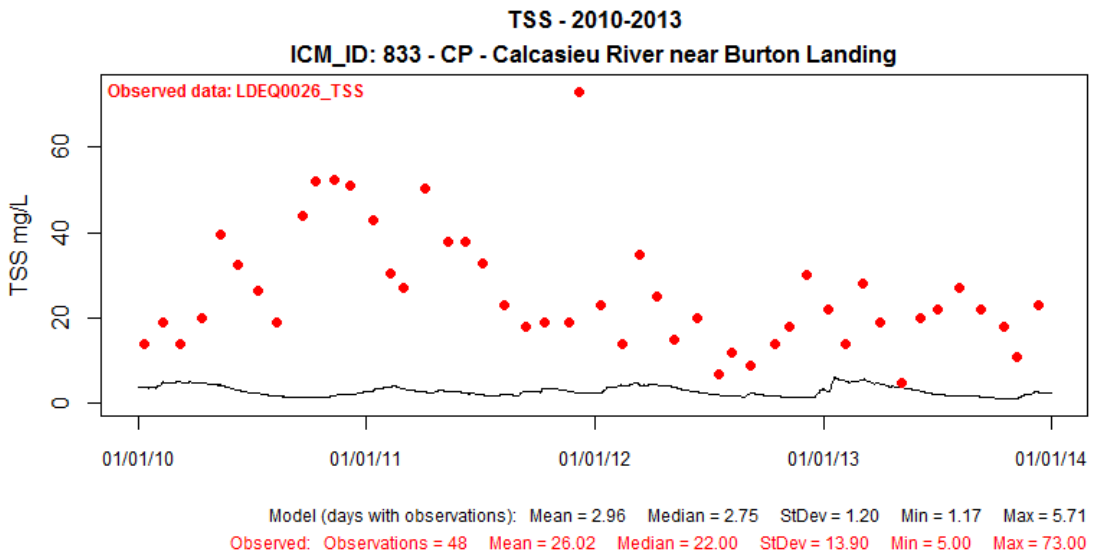

Figure 261: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 833 Compared to Observed Data at LDEQ0026 for Calibration Period 2010-2013.

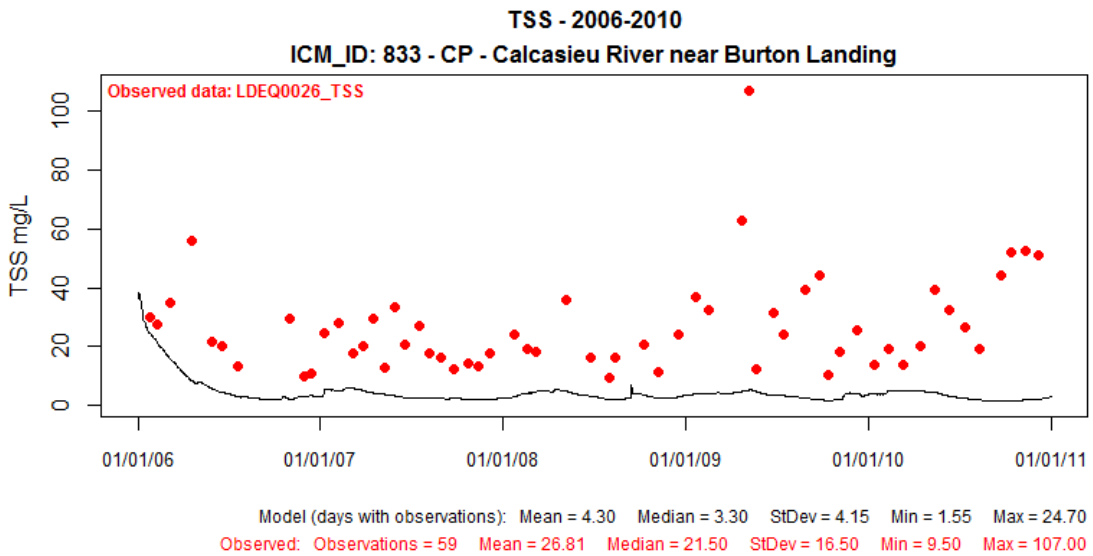

Figure 262: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 833 Compared to Observed Data at LDEQ0026 for Validation Period 2006-2009.

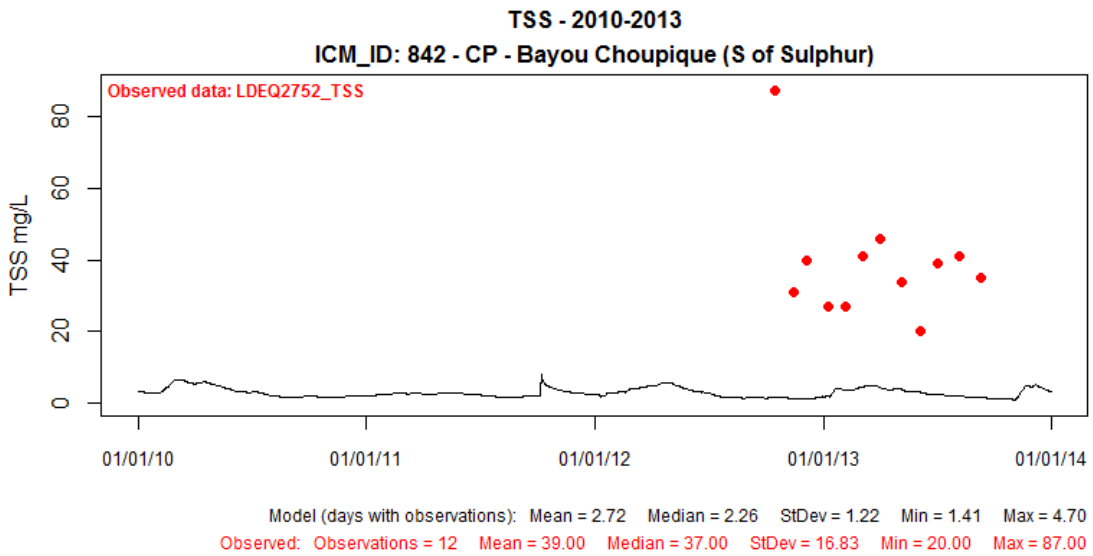

Figure 263: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 842 Compared to Observed Data at LDEQ2752 for Calibration Period 2010-2013.

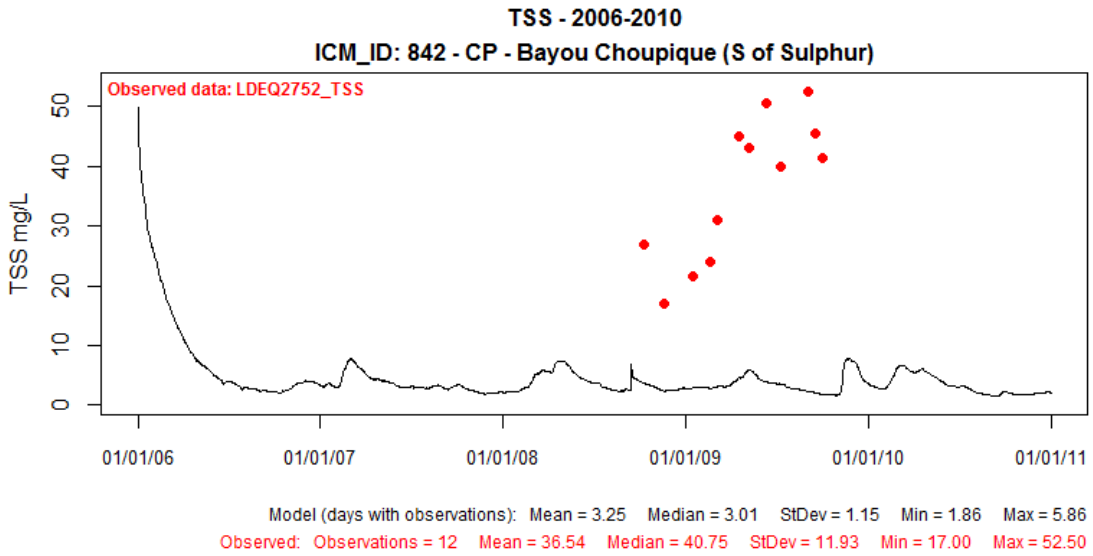

Figure 264: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 842 Compared to Observed Data at LDEQ2752 for Validation Period 2006-2009.

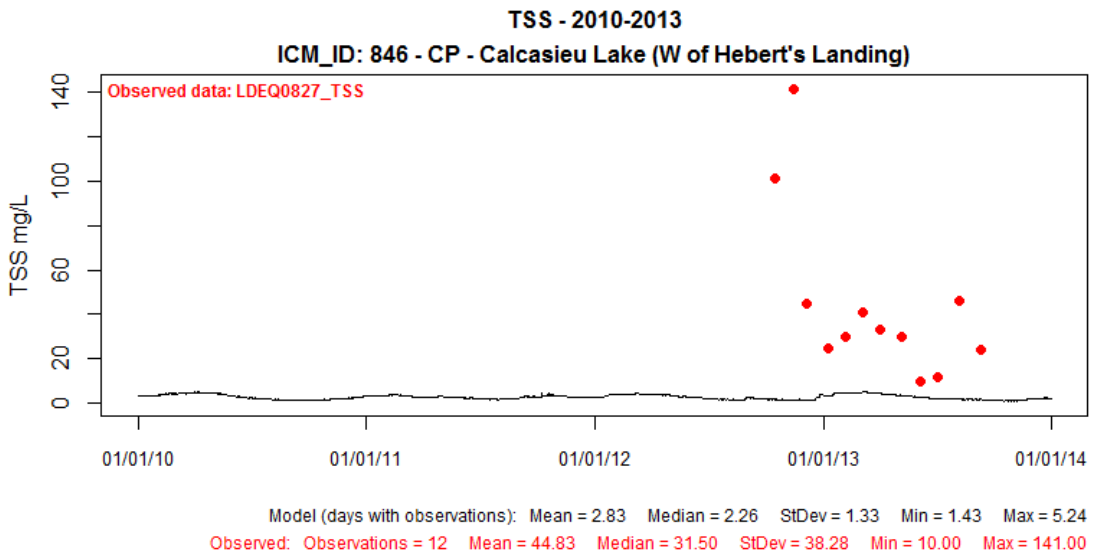

Figure 265: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 846 Compared to Observed Data at LDEQ0827 for Calibration Period 2010-2013.

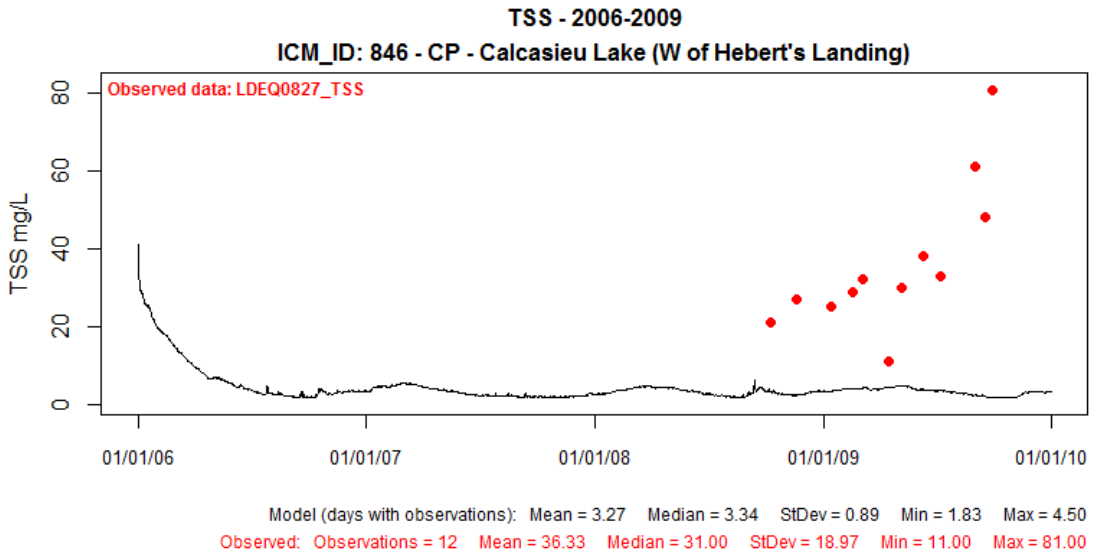

Figure 266: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 846 Compared to Observed Data at LDEQ0827 for Validation Period 2006-2009.

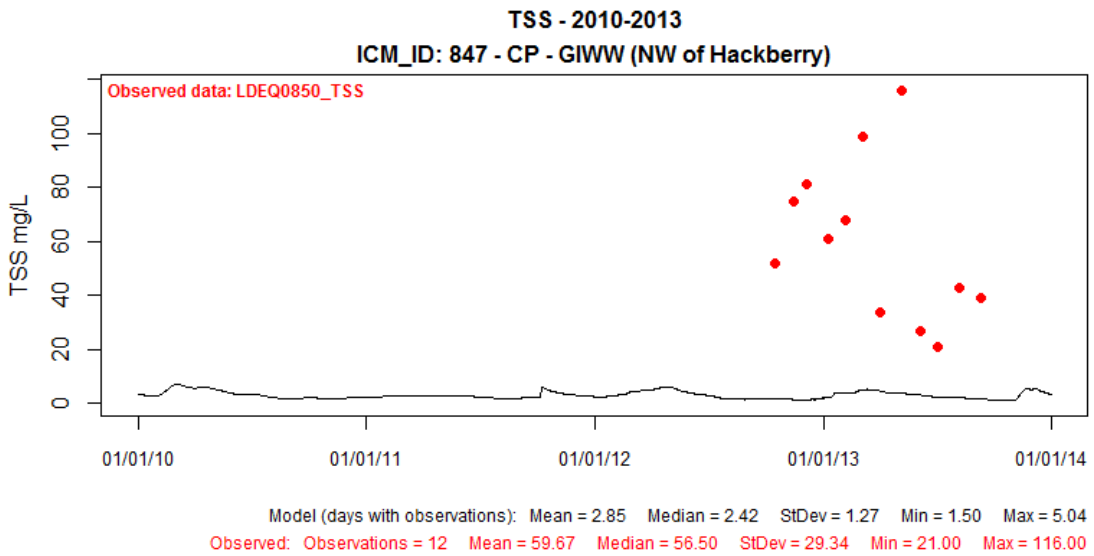

Figure 267: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 847 Compared to Observed Data at LDEQ0850 for Calibration Period 2010-2013.

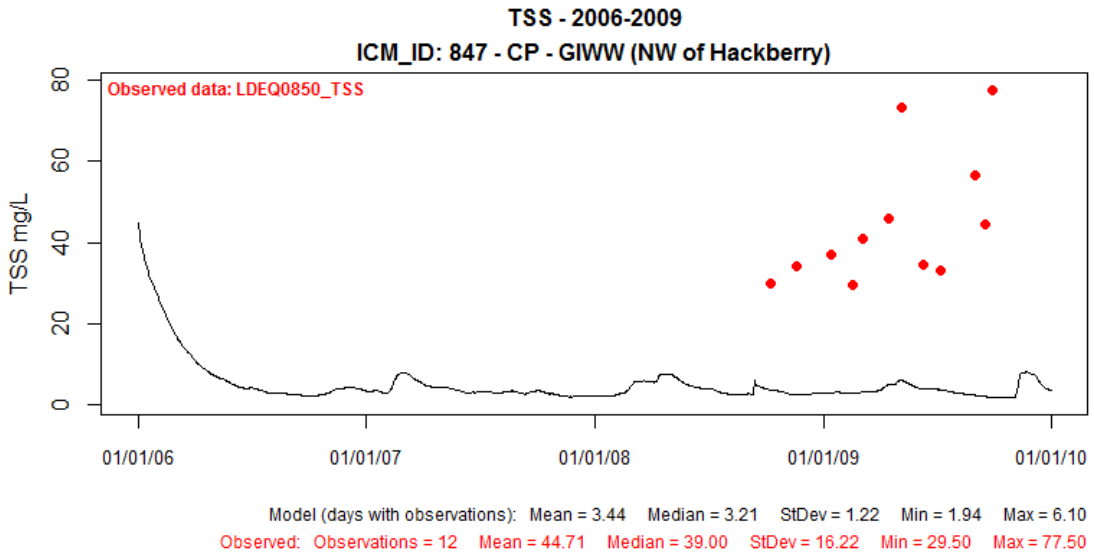

Figure 268: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 847 Compared to Observed Data at LDEQ0850 for Validation Period 2006-2009.

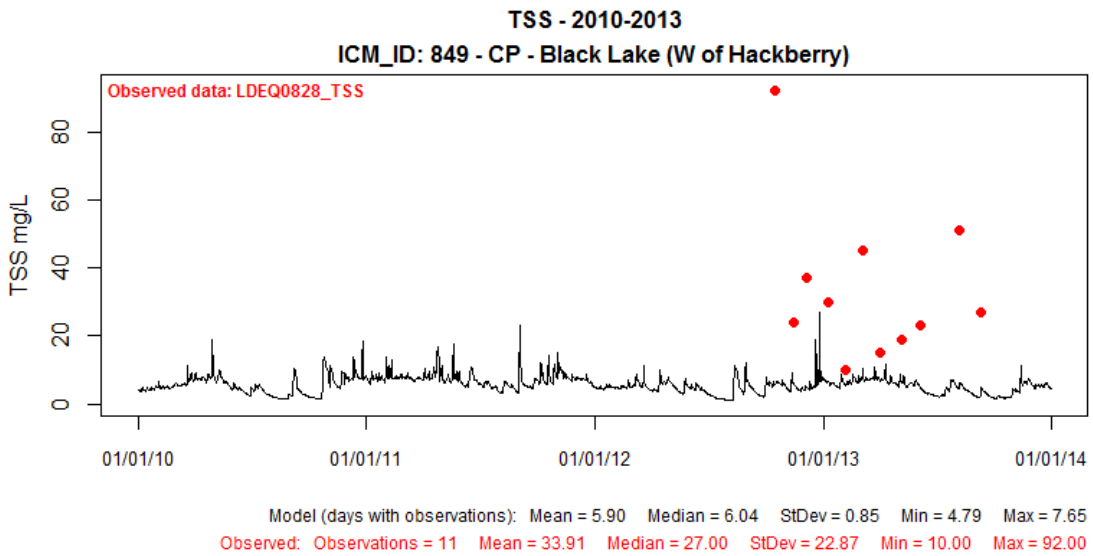

Figure 269: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 849 Compared to Observed Data at LDEQ0828 for Calibration Period 2010-2013.

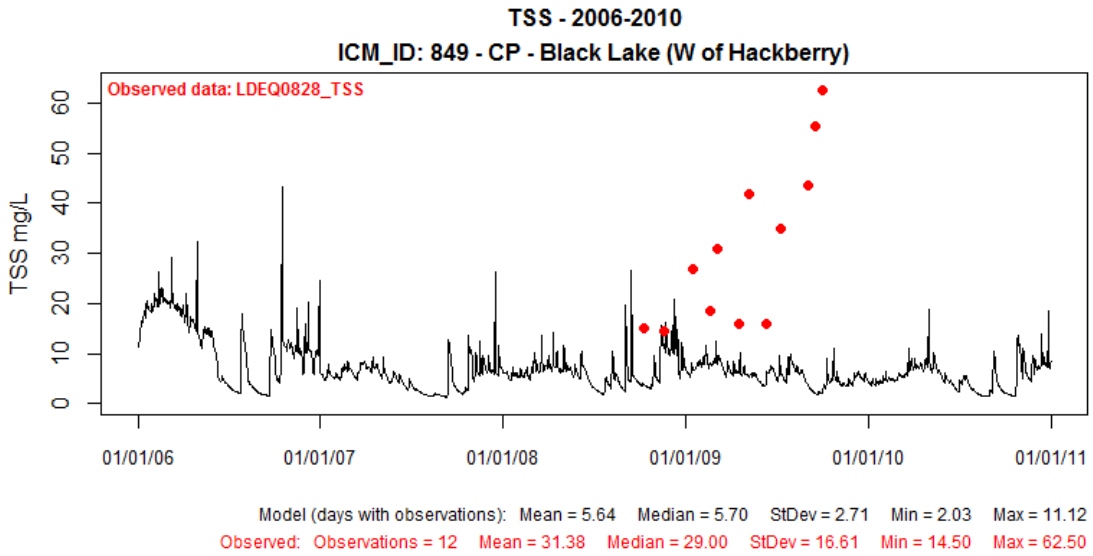

Figure 270: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 849 Compared to Observed Data at LDEQ0828 for Validation Period 2006-2009.

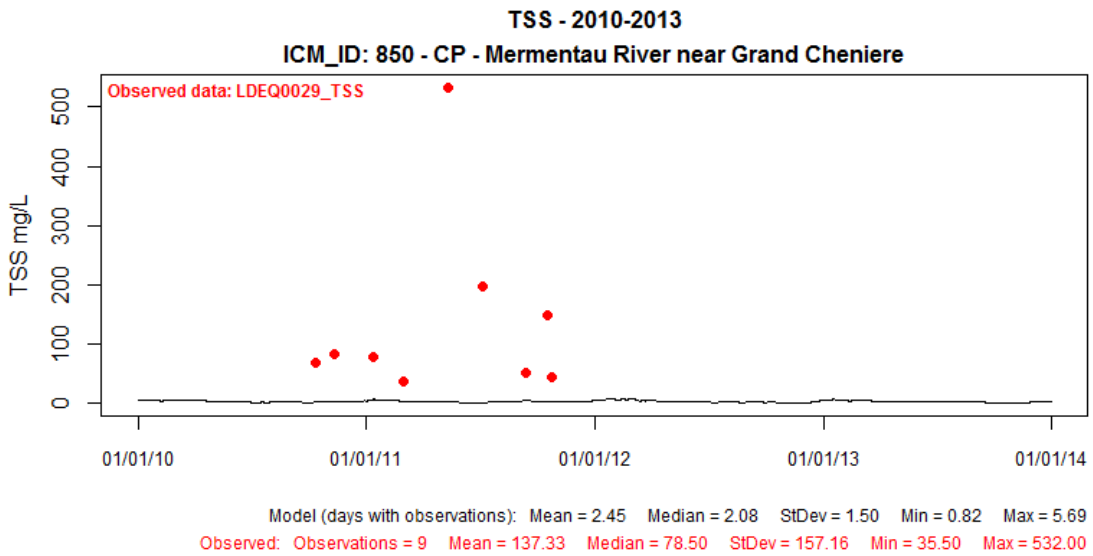

Figure 271: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 850 Compared to Observed Data at LDEQ0029 for Calibration Period 2010-2013.

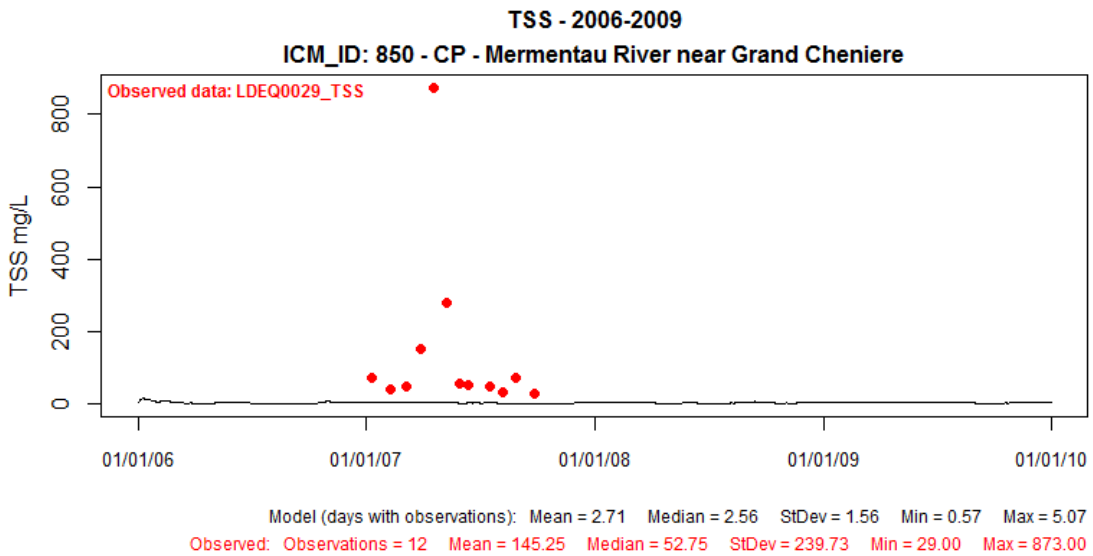

Figure 272: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 850 Compared to Observed Data at LDEQ0029 for Validation Period 2006-2009.

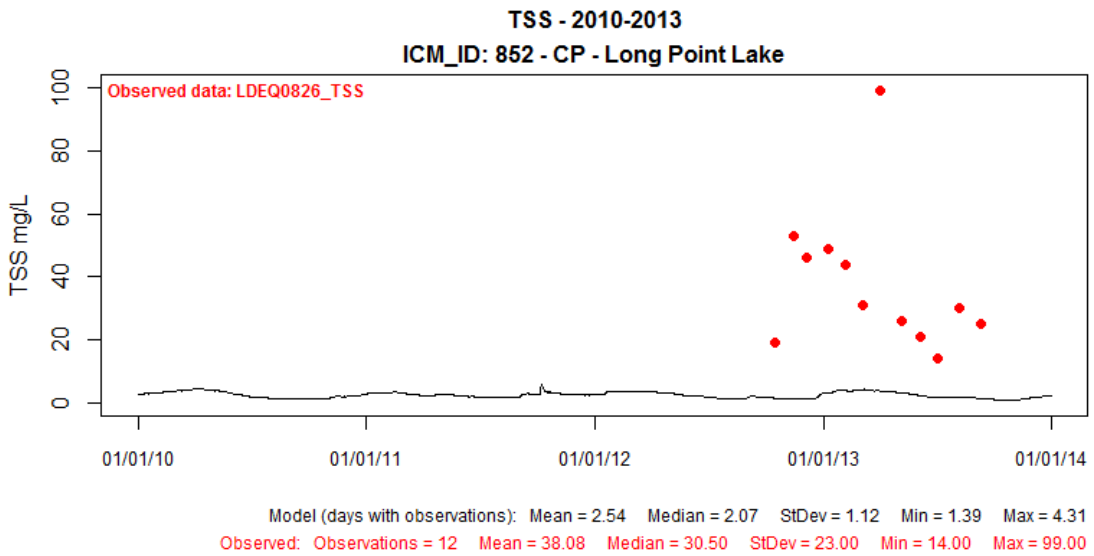

Figure 273: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 852 Compared to Observed Data at LDEQ0826 for Calibration Period 2010-2013.

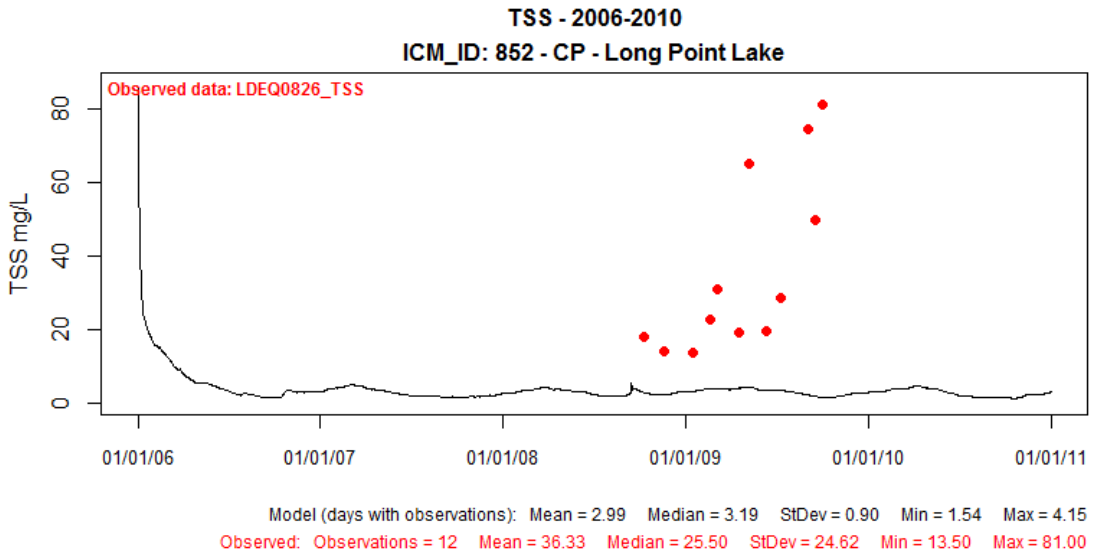

Figure 274: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 852 Compared to Observed Data at LDEQ0826 for Validation Period 2006-2009.

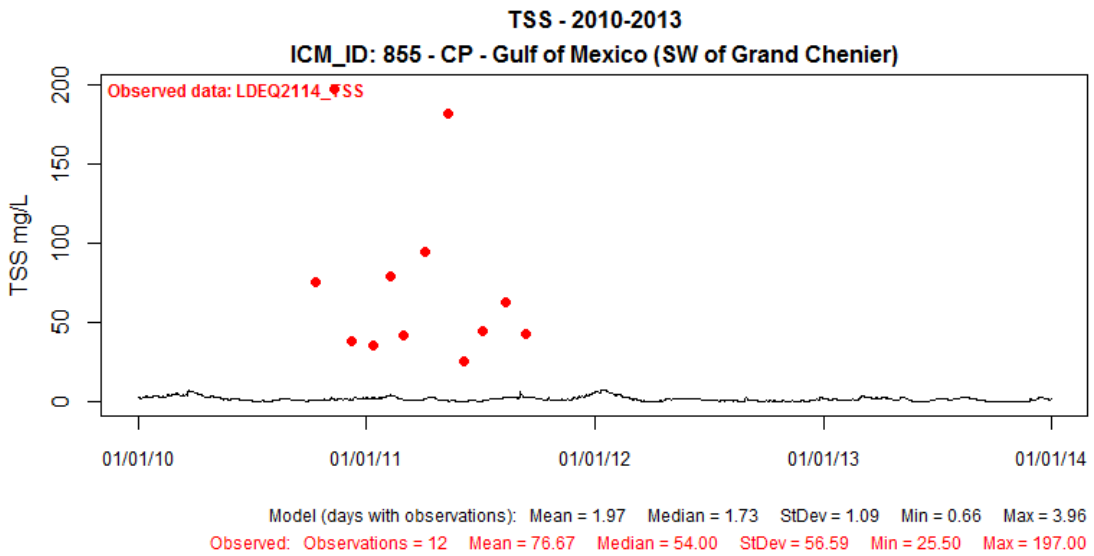

Figure 275: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 855 Compared to Observed Data at LDEQ2114 for Calibration Period 2010-2013.

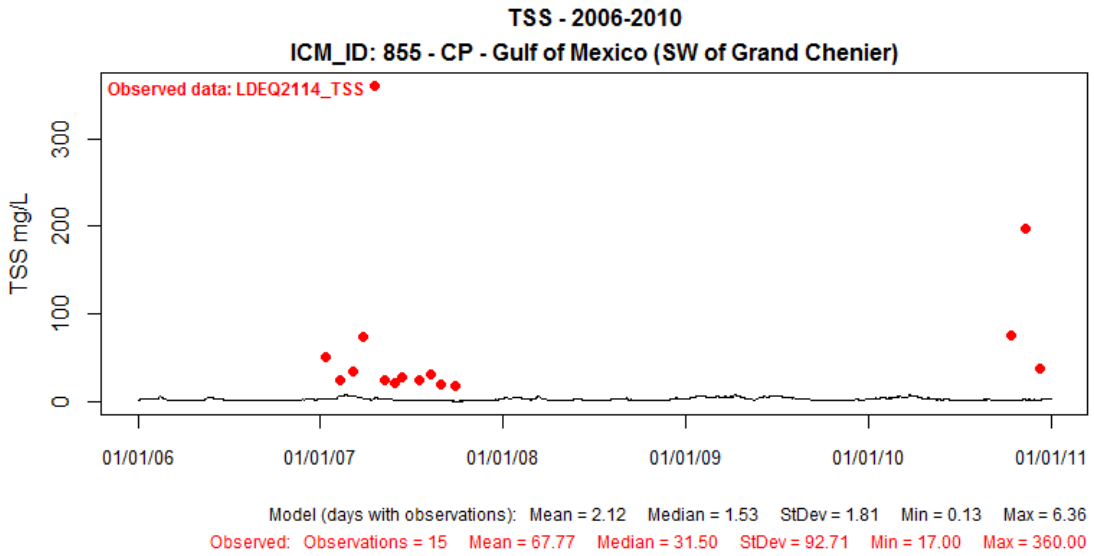

Figure 276: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 855 Compared to Observed Data at LDEQ2114 for Validation Period 2006-2009.

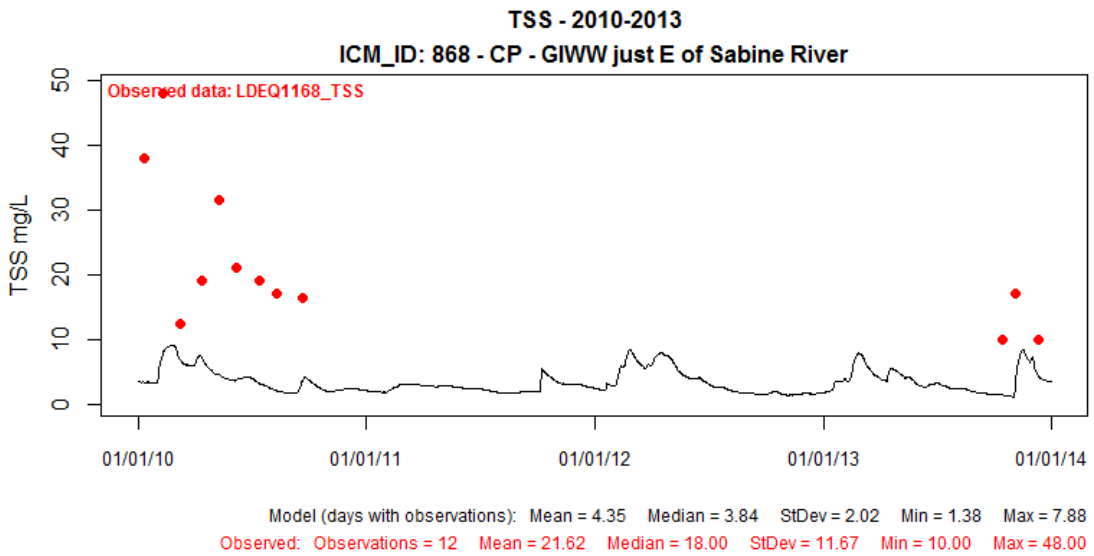

Figure 277: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 868 Compared to Observed Data at LDEQ1168 for Calibration Period 2010-2013.

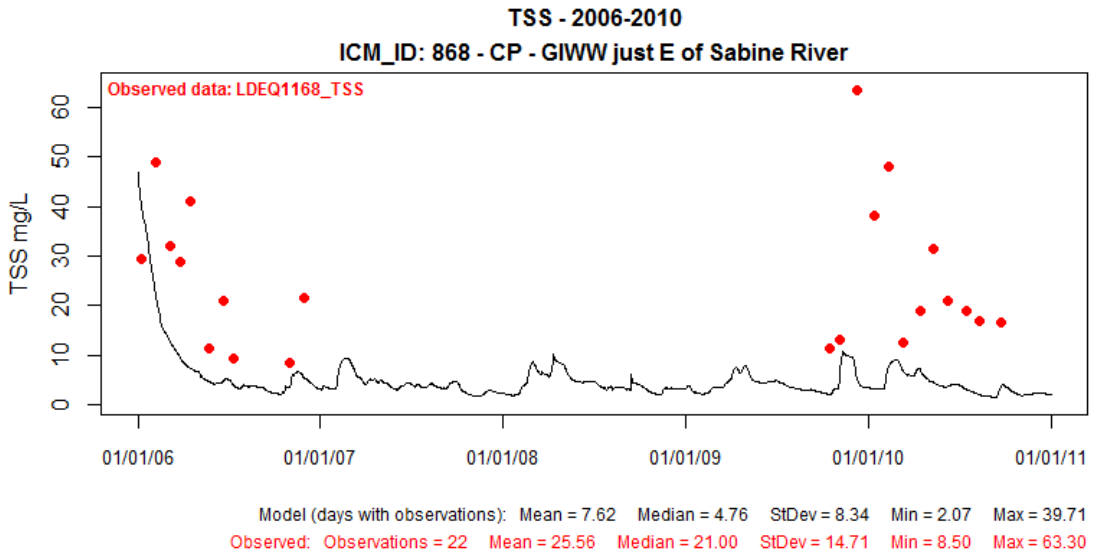

Figure 278: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 868 Compared to Observed Data at LDEQ1168 for Validation Period 2006-2009.

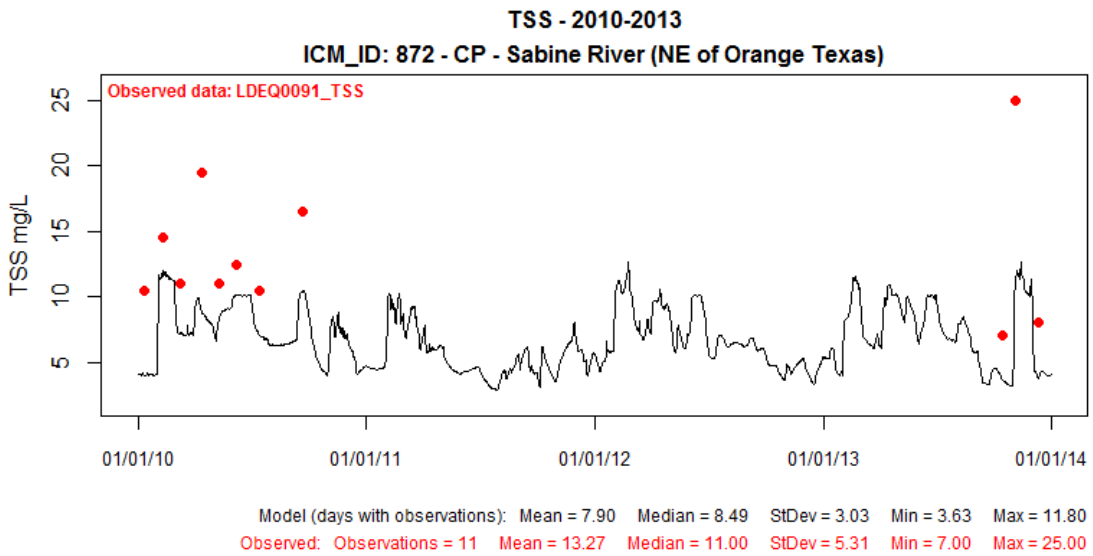

Figure 279: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 872 Compared to Observed Data at LDEQ0091 for Calibration Period 2010-2013.

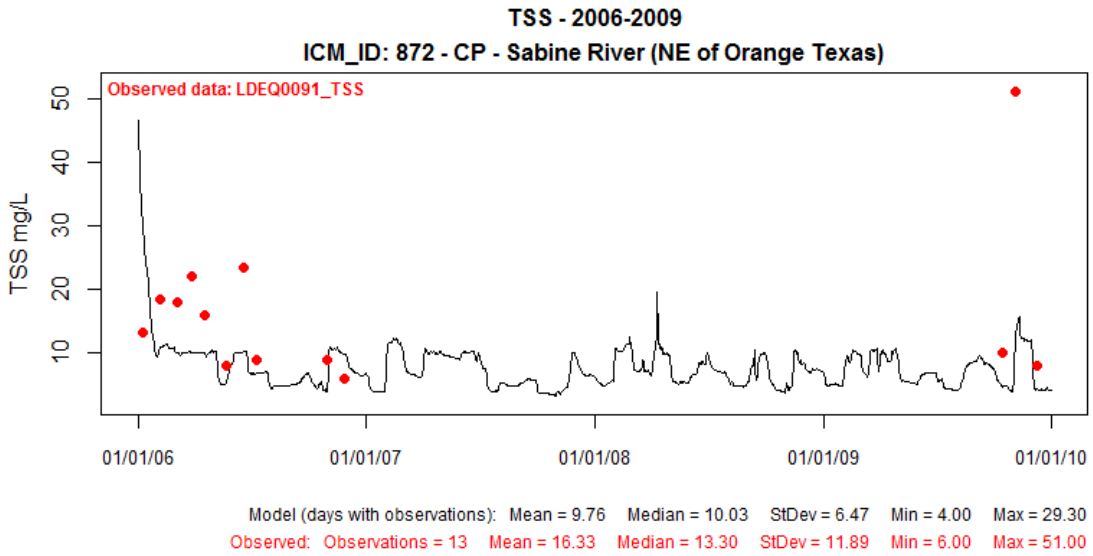

Figure 280: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 872 Compared to Observed Data at LDEQ0091 for Validation Period 2006-2009.

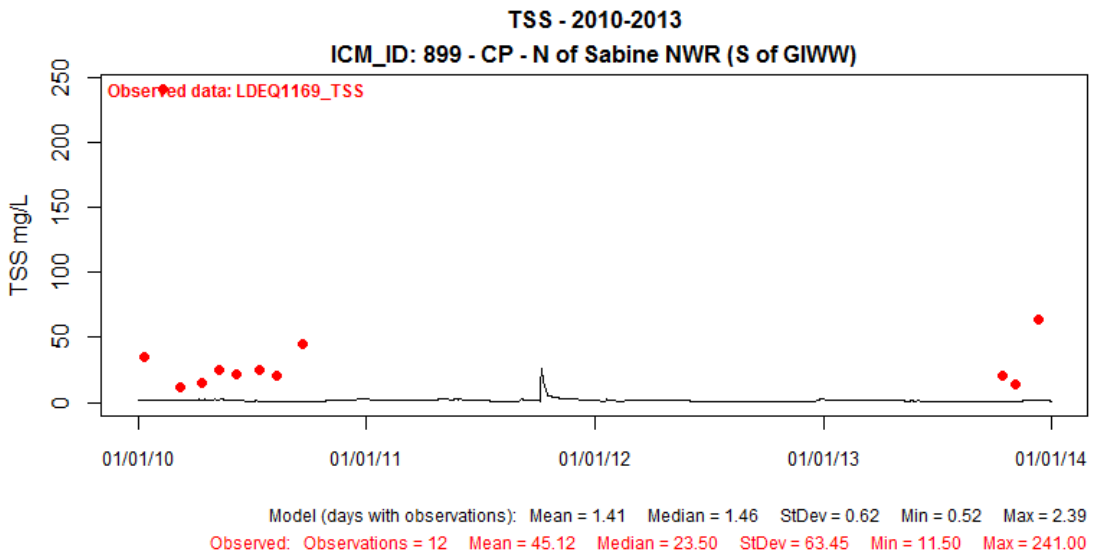

Figure 281: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 899 Compared to Observed Data at LDEQ1169 for Calibration Period 2010-2013.

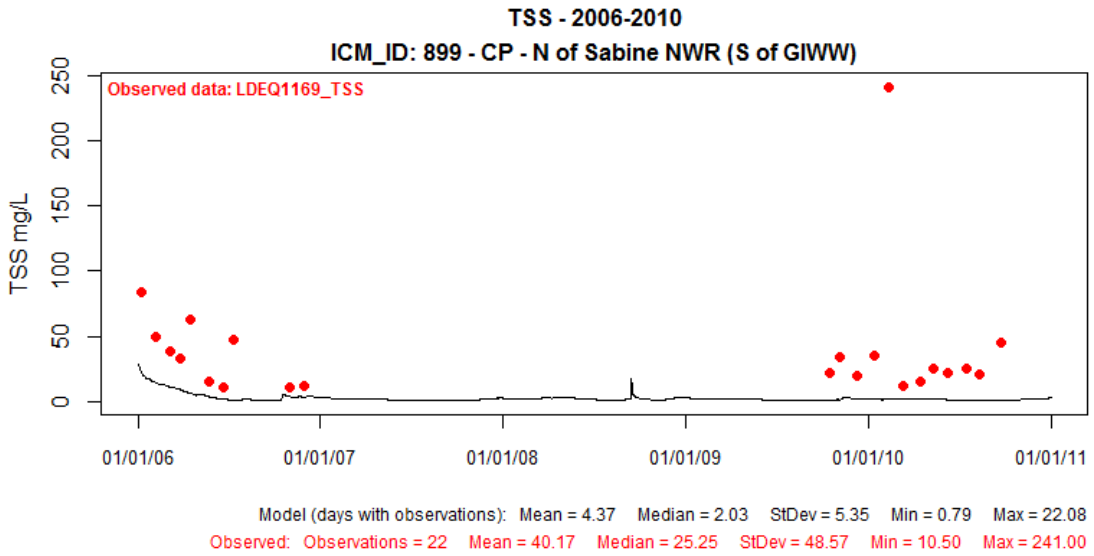

Figure 282: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 899 Compared to Observed Data at LDEQ1169 for Validation Period 2006-2009.

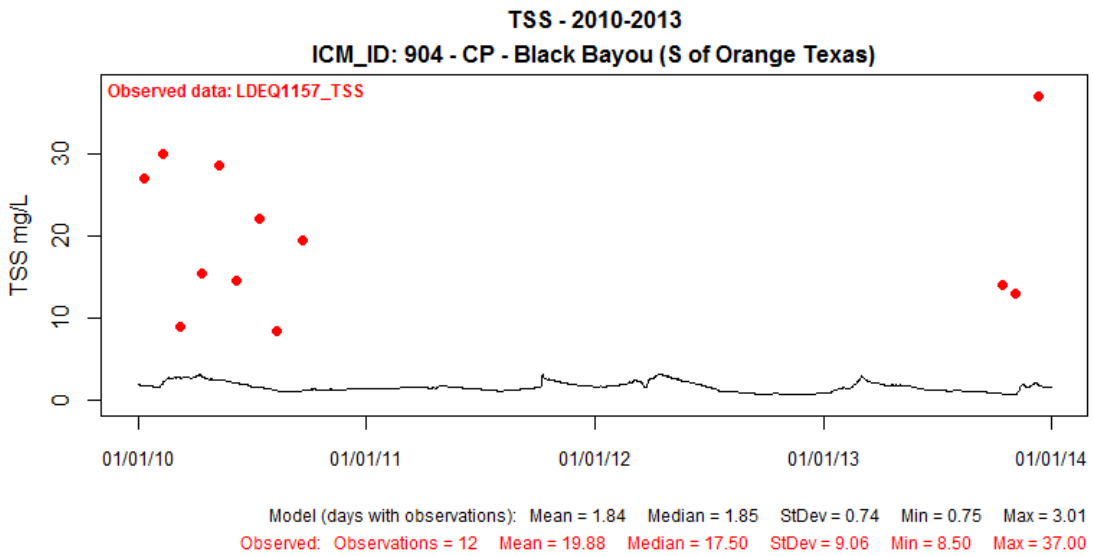

Figure 283: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 904 Compared to Observed Data at LDEQ1157 for Calibration Period 2010-2013.

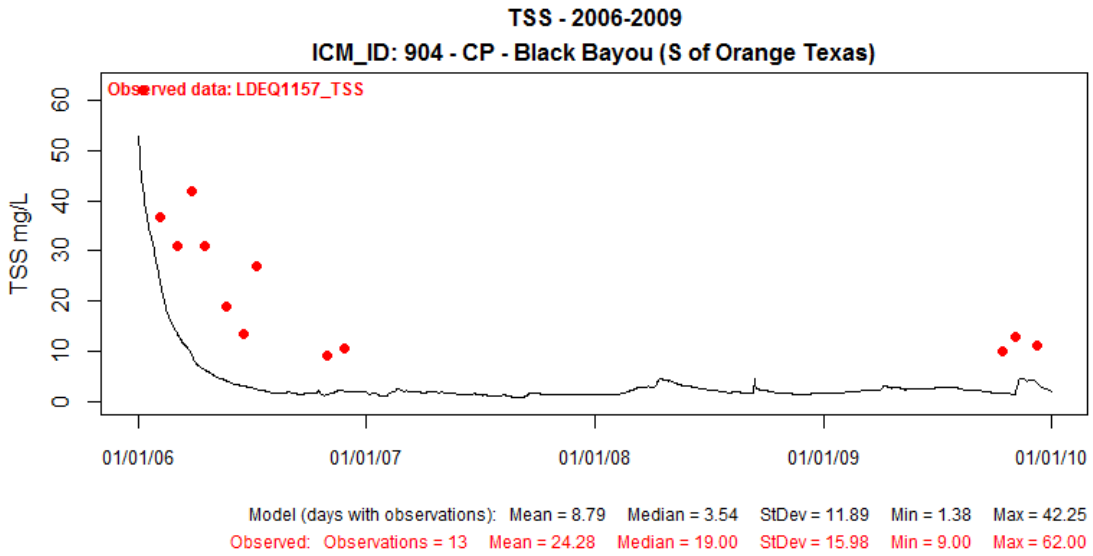

Figure 284: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 904 Compared to Observed Data at LDEQ1157 for Validation Period 2006-2009.

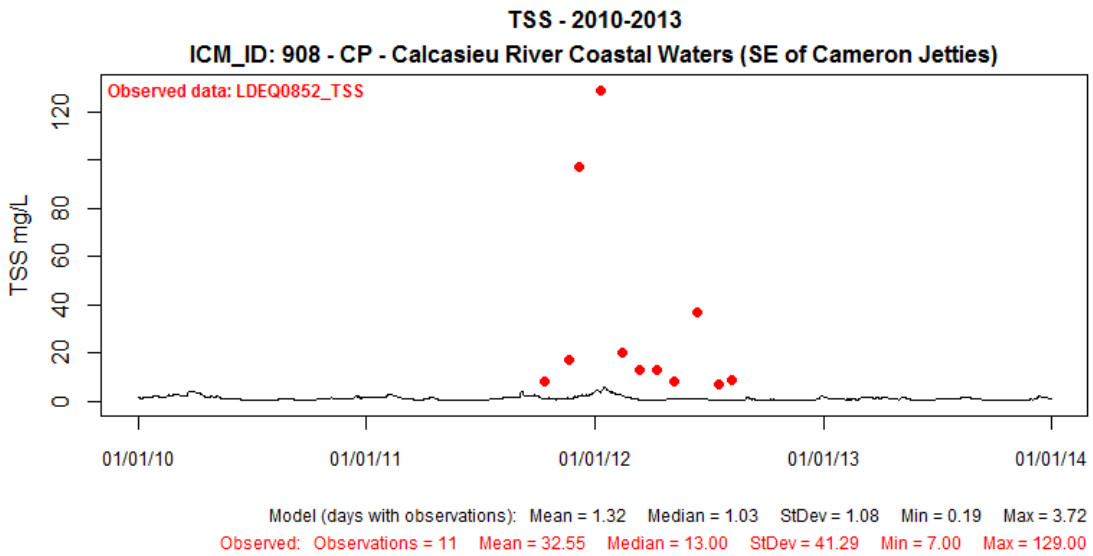

Figure 285: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 908 Compared to Observed Data at LDEQ0852 for Calibration Period 2010-2013.

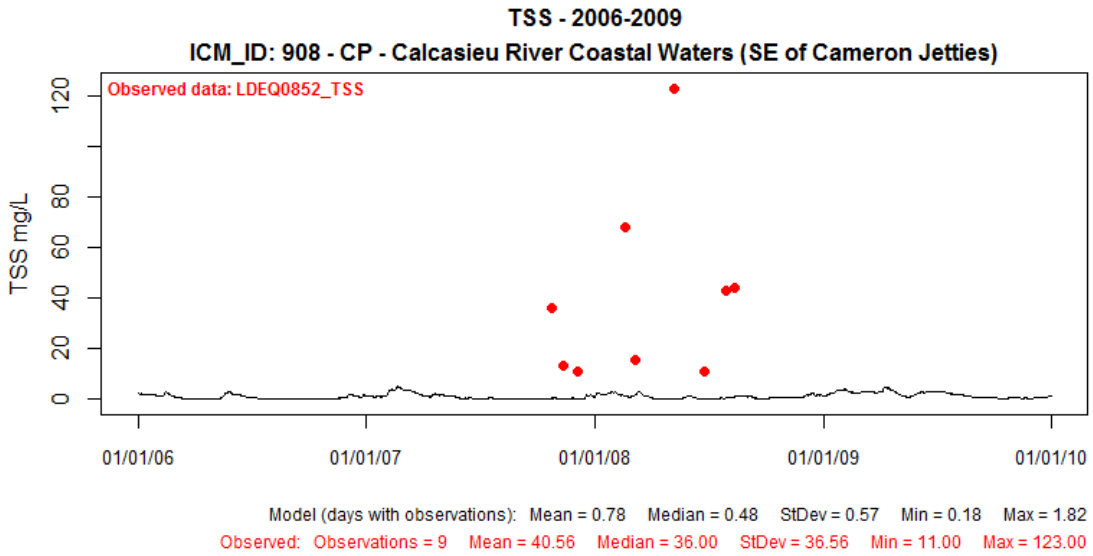

Figure 286: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 908 Compared to Observed Data at LDEQ0852 for Validation Period 2006-2009.

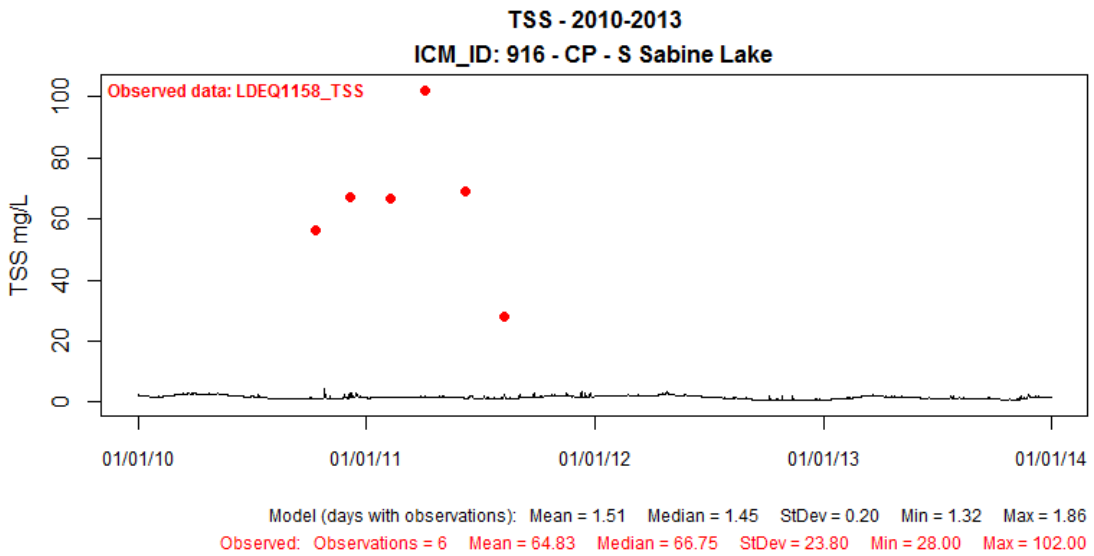

Figure 287: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 916 Compared to Observed Data at LDEQ1158 for Calibration Period 2010-2013.

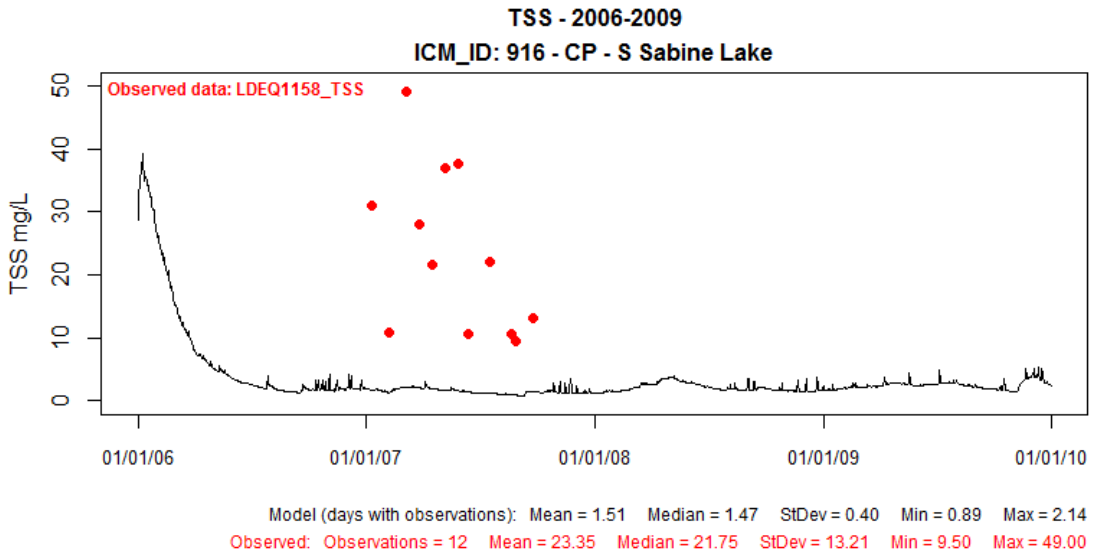

Figure 288: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 916 Compared to Observed Data at LDEQ1158 for Validation Period 2006-2009.

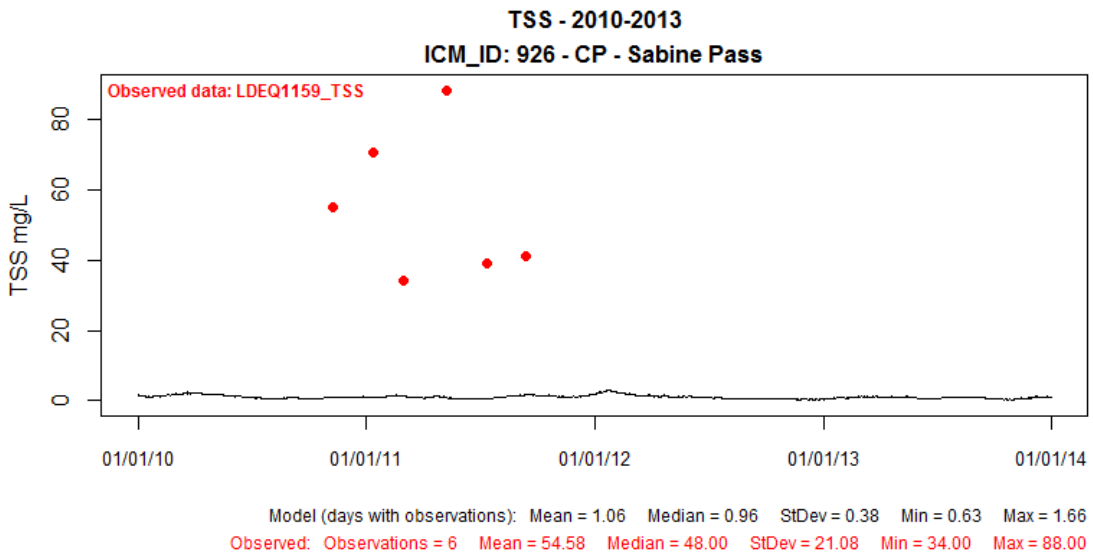

Figure 289: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 926 Compared to Observed Data at LDEQ1159 for Calibration Period 2010-2013.

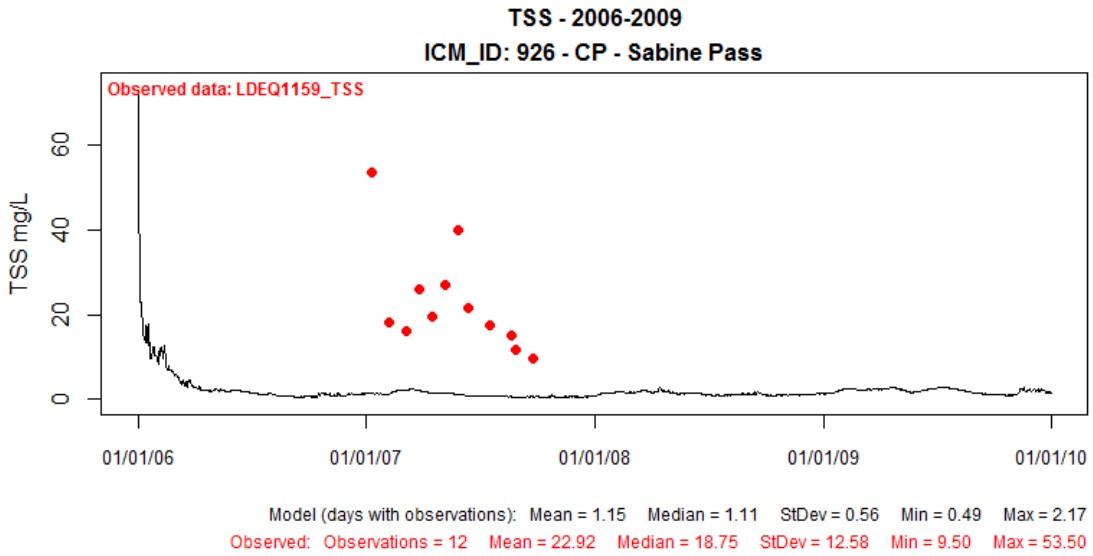

Figure 290: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 926 Compared to Observed Data at LDEQ1159 for Validation Period 2006-2009.

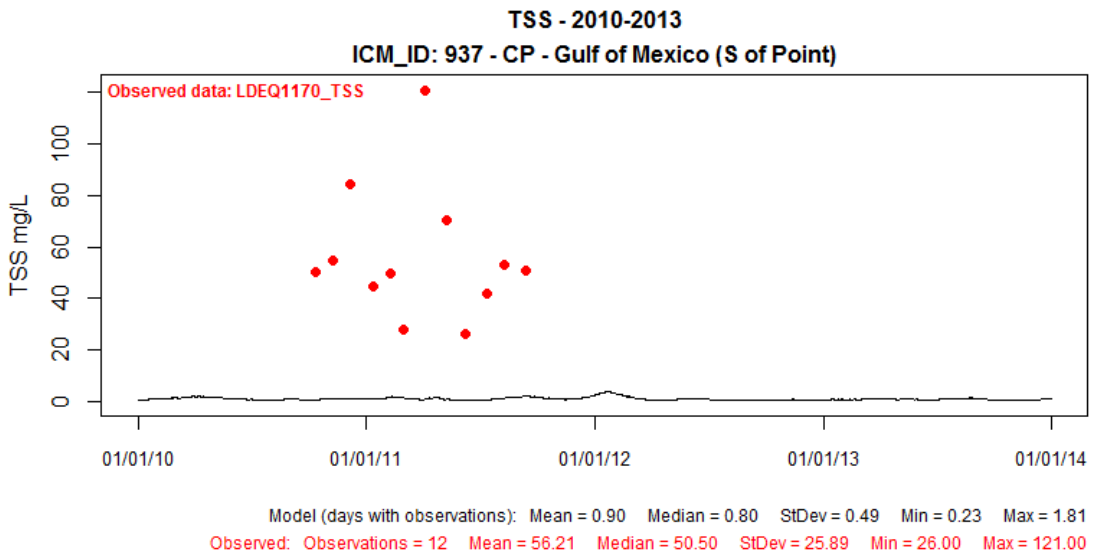

Figure 291: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 937 Compared to Observed Data at LDEQ1170 for Calibration Period 2010-2013.

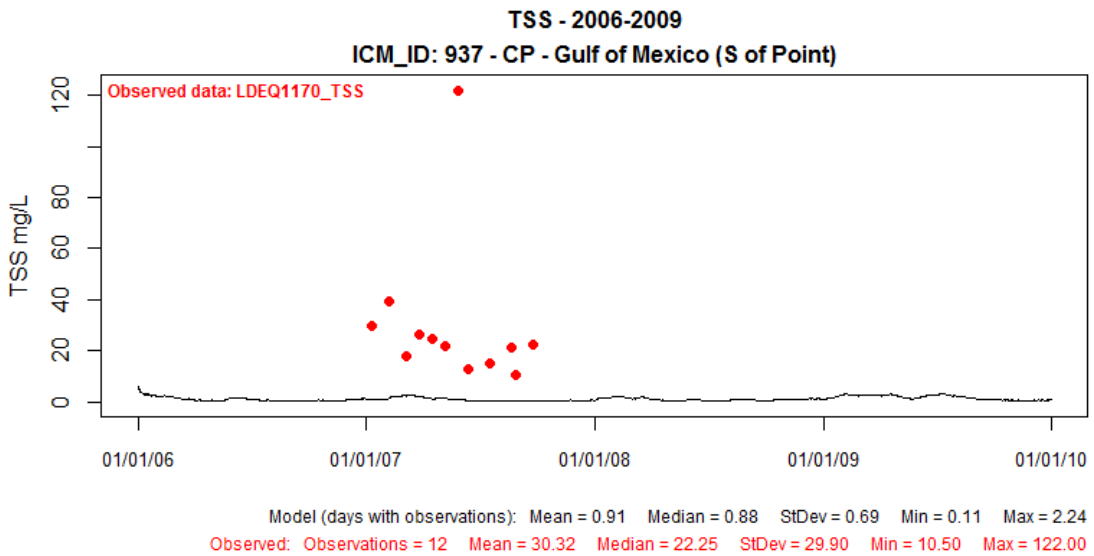

Figure 292: Modeled Daily Mean Inorganic Suspended Solids (black line) and Observed Total Suspended Solids (red dot) at ICM Compartment 937 Compared to Observed Data at LDEQ1170 for Validation Period 2006-2009.