

Station	Description	RankingofConcern	Latitude
SCL68	Bayous_Lake_100m_South_Entrance	1	26.468669
SCL13	SanibelGolf_ReclaimedWater_Pnd	2	26.439099
SCL05	City_Reclaimed_Dschrge_Pond	3	26.445706
SCL03	PeriwinklePark_DuckPnd	4	26.443381
SCL63	TradewindsSouthLake_Tahiti	5	26.453230
SCL36	Sande_Pointe	6	26.423374
SCL72	Bayous Pond at former WWTP	7	26.47007
SCL71	SanctuaryLake7	8	26.491349
SCL29	Sanibel_Cottages	9	26.423369
SCL70	BlueCrabLake	10	26.478564
SCL07	DunesLake5	11	26.453000
SCL52	South_BikePathLake_Rabbit	12	26.437337
SCL51	North_BikePathLake_RabbitRd	13	26.439163
SCL69	SanctuaryLake4	14	26.476801
DL09	Dunes Lake 9	15	26.45007
SCL35	SeagullEstates_West	16	26.425197
SCL64	TradewindsNorthLake_Tahiti	17	26.453893
SCL16	Sundial_East_Condo	18	26.432655
SCL65	North_BayousLake_WildLime	19	26.470171
SCL33	ByTheSea	20	26.423515
DLHS	Dunes Horseshoe Lake at Pelican Dr.	21	26.451095
SCL20	GulfSidePark_AdjBikePath	22	26.427517
SCL38	RMP_Lake_BaileyTrct	23	26.428176
SCL66	Bayous_Middle_Lake_1901SanBayous	24	26.466199
SCL14	SanibelGC_Slough	25	26.436144
SCL11	GumboLimboEast	26	26.444650
SCL15	PanamaCanal	27	26.429778
SCL26	CasaYbel_Resort_LargePond	28	26.424932
SCL04	PeriwinklePrk_RVPond	29	26.444057
SCL45	NPoincianaPond	30	26.430665
SCL43	PalmLake	31	26.426256
SCL10	Whisperwood_Pond	32	26.445422
SCL62	ChateauSurMerDischarge	33	26.452637
SCL08	Dunes Lake 4	34	26.455145
SCL40	RobinWoodLake	35	26.427240
SCL60	WhitelbisWest_GulfPines	36	26.446005
SCL37	SmithLake_BaileyTrct	37	26.431124
SCL39	LongAcreLake	38	26.424398
SCL32	AniPond_BailyTract	39	26.428133
SCL50	St_Elizabeth_Church_LakeSouth	40	26.441175
SCL58	SCCFHaasPondAmerLegion	41	26.448410

SCL47	N_LakeMurex	42	26.433161
SCL12	GumboLimboWest	43	26.444119
SCL67	N_Pond_at_Wulfert_SanCap	44	26.469749
SCL59	GulfPines_SloughGageStation	45	26.445157
SCL34	SeagullEstates_East	46	26.424991
SCL53	SeaOats_SmallLake	47	26.432594
SCL19	GulfsidePark_MangrovePond	48	26.426186
SCL57	GulfPines	49	26.444341
SCL21	OceansReachCondo	50	26.425594
SCL31	Baileys_Pond	51	26.433610
SCL48	S_LakeMurex	52	26.431374
SCL17	Resta_Shore	53	26.428611
SCL41	HurricaneLane_NorthPond	54	26.426526
SCL42	HurricaneLane_Adj_BikePath	55	26.425235
SCL54	ERockNorthEndDurion	56	26.438598
SCL06	Roadside_Park_Pond	57	26.444516
SCL30	SantoDeSanibel	58	26.422682
SCL18	SanibelLakesEstate_End_Ibis	59	26.436039
SCL55	ERockWestEndCoquina	60	26.437734
SCL28	SanibelCommunityHousePark_Pond	61	26.435874
SCL44	TwinPondWest	62	26.430828
SCL24	Periwinkle_Prop_Subdiv_Sunrise	63	26.436210
SCL46	Brightwater_Lake	64	26.428986
SCL27	CityHall_Lake	65	26.441244
SCL09	SCCFPond_VenusDr	66	26.461960
SCL01	LightHouse_Pt Condo	67	26.452295
DevittPnd	Pond at SCCF Homestead	68	26.4444
SCL56	WRockEastEndCoquina	69	26.438021
SCL25	PeriwinklePines_SW	70	26.439150
SCL23	PeriwinklePlacePond	71	26.437349
SCL02	BeachRd_Villas_Pnd	72	26.445536

Longitude	IN	OP	Chla_Cor	TSI	TN	TP	N:P	Ammonia	Nox
-82.157421	2.798	1.9985	135.4	106.2	5.35	3.711	1.4	2.790	0.008
-82.051512	0.399	0.885	91.6	96.5	2.62	1.250	2.1	0.125	0.2735
-82.045700	1.812	1.965	39.2	97.6	3.72	2.440	1.5	0.047	1.765
-82.043321	0.364	0.6325	64.3	88.1	2.74	0.832	3.3	0.233	0.1305
-82.141105	0.070	0.1295	135.2	87.4	3.88	0.192	20.2	0.045	0.025
-82.086742	0.086	0.396	22.1	86.1	2.73	0.673	4.1	0.014	0.0715
-82.159353	0.066	0.068	101.1	374808	6.73	0.109	61.7	0.056	0.01
-82.170984	0.045	0.3905	36.9	85.4	2.12	0.552	3.8	0.041	0.004
-82.076018	0.094	0.459	19.8	78.4	1.18	0.542	2.2	0.067	0.0275
-82.170642	0.044	0.092	141.8	82.5	3.97	0.201	19.8	0.040	0.004
-82.042275	0.061	0.0855	53.5	80.7	2.81	0.147	19.1	0.051	0.01
-82.108893	0.188	0.0975	25.4	76.7	3.87	0.121	32.1	0.179	0.009
-82.108487	0.054	0.094	47.7	80.5	3.26	0.126	25.8	0.047	0.007
-82.166662	0.048	0.2885	27.5	81.1	2.04	0.353	5.8	0.044	0.0045
-82.04718	0.09875	0.06675	47.0	78.5	2.88	0.120	24.0	0.087	0.0115
-82.086475	0.036	0.085	68.0	86.5	4.67	0.181	25.8	0.031	0.0045
-82.141115	0.066	0.044	78.3	78.1	2.89	0.121	24.0	0.062	0.004
-82.050086	0.033	0.202	26.5	78.3	1.92	0.318	6.0	0.029	0.004
-82.154021	0.311	0.3245	6.1	74.4	1.91	0.429	4.5	0.273	0.038
-82.082726	0.049	0.3675	10.1	76.0	1.33	0.807	1.6	0.039	0.01
-82.048356	0.04875	0.08025	29.6	3566619	2.30	0.122	18.8	0.024	0.02525
-82.066690	0.081	0.1185	13.5	71.9	2.28	0.136	16.7	0.077	0.004
-82.087835	0.279	0.164	7.4	73.2	3.41	0.200	17.1	0.274	0.0055
-82.156582	0.356	0.0875	11.6	71.0	1.92	0.203	9.5	0.338	0.0175
-82.054808	0.036	0.0875	32.0	75.1	2.08	0.123	17.0	0.032	0.004
-82.058155	0.042	0.073	46.7	73.5	1.67	0.100	16.7	0.035	0.007
-82.059424	0.025	0.088	35.4	76.5	2.01	0.145	13.9	0.021	0.004
-82.071106	0.022	0.101	37.3	73.8	1.29	0.158	8.2	0.018	0.004
-82.044043	0.038	0.0395	59.6	78.0	2.02	0.124	16.3	0.034	0.004
-82.094339	0.206	0.036	25.3	71.4	3.21	0.059	54.8	0.164	0.0425
-82.093122	0.601	0.0485	15.0	70.7	3.22	0.067	48.4	0.592	0.009
-82.055339	0.031	0.097	18.7	74.7	2.00	0.178	11.3	0.027	0.004
-82.139395	0.046	0.076	21.6	70.9	2.07	0.083	24.9	0.042	0.004
-82.052543	0.043	0.081	17.8	72.8	2.15	0.138	15.6	0.032	0.0115
-82.089799	0.032	0.0705	25.8	74.8	2.78	0.117	23.8	0.028	0.004
-82.134622	0.047	0.0805	13.4	70.5	1.74	0.200	8.7	0.043	0.004
-82.087076	0.176	0.077	8.2	67.1	2.57	0.102	25.3	0.163	0.0135
-82.088546	0.035	0.062	30.8	70.2	1.70	0.071	24.1	0.027	0.008
-82.081982	0.027	0.103	8.3	74.0	3.89	0.186	20.9	0.023	0.004
-82.107176	0.042	0.0425	18.8	73.1	3.10	0.087	35.6	0.038	0.004
-82.129269	0.088	0.055	10.4	66.5	2.74	0.065	42.5	0.084	0.004

-82.096812	0.023	0.083	13.9	72.7	2.65	0.123	21.6	0.018	0.0045
-82.066754	0.075	0.1065	4.1	62.4	1.40	0.122	11.4	0.025	0.0495
-82.156738	0.053	0.0595	12.3	66.3	1.81	0.071	25.7	0.049	0.004
-82.131867	0.056	0.0625	10.7	65.6	2.08	0.069	30.4	0.052	0.004
-82.084426	0.042	0.029	28.0	69.3	2.48	0.050	50.0	0.035	0.007
-82.109935	0.038	0.028	24.3	70.5	1.51	0.144	10.5	0.034	0.004
-82.064606	0.037	0.0975	5.4	70.1	2.26	0.270	8.4	0.033	0.004
-82.128272	0.095	0.042	9.0	65.4	2.17	0.083	26.1	0.072	0.023
-82.067563	0.110	0.0455	8.4	64.5	1.27	0.145	8.8	0.106	0.004
-82.078797	0.026	0.033	27.3	70.0	1.91	0.086	22.2	0.022	0.004
-82.096832	0.105	0.029	7.8	67.0	2.92	0.078	37.6	0.033	0.0715
-82.062125	0.103	0.008	16.8	60.0	1.28	0.033	38.9	0.096	0.007
-82.091700	0.020	0.033	32.2	68.8	1.85	0.056	33.0	0.015	0.0045
-82.091716	0.042	0.053	8.4	67.6	8.63	0.070	124.1	0.036	0.006
-82.112323	0.015	0.0545	19.6	68.2	2.02	0.071	28.7	0.013	0.004
-82.050828	0.038	0.0855	6.8	65.1	1.81	0.094	19.3	0.034	0.004
-82.077340	0.056	0.013	21.3	61.7	1.02	0.064	16.0	0.043	0.0135
-82.065347	0.034	0.0625	10.0	65.7	1.79	0.083	21.6	0.022	0.0115
-82.115925	0.031	0.0475	14.0	67.0	1.67	0.079	21.2	0.027	0.004
-82.074347	0.043	0.0635	6.5	65.0	2.46	0.091	27.0	0.031	0.0125
-82.093757	0.060	0.0385	10.0	61.2	1.68	0.041	41.0	0.030	0.03
-82.069462	0.058	0.0465	6.9	63.6	1.47	0.088	16.8	0.036	0.022
-82.096201	0.023	0.053	16.8	65.0	1.49	0.061	24.4	0.019	0.004
-82.074078	0.036	0.054	9.8	64.1	2.01	0.081	24.9	0.024	0.012
-82.051640	0.241	0.0235	4.7	56.1	2.61	0.034	76.8	0.189	0.0515
-82.017868	0.022	0.0575	11.8	64.7	1.16	0.101	11.5	0.018	0.004
-82.04939	0.028	0.01925	18.5	64.5	1.82	0.053	34.6	0.023	0.006
-82.118916	0.024	0.049	9.1	62.0	1.68	0.058	29.2	0.012	0.0115
-82.070397	0.038	0.04	7.8	61.9	1.54	0.061	25.5	0.032	0.0055
-82.068377	0.032	0.018	15.1	55.0	0.90	0.025	36.8	0.021	0.011
-82.040580	0.020	0.0225	8.2	54.8	1.46	0.037	39.3	0.012	0.007

Salinity	CDOM	DO%	DO_mg/l	Turb	pH	IN Rank	OP Rank	Chla Rank	TSI Rank
2.35	362.5	24	2.05	77.5	8	1	1	2	1
0.9	69	120.5	12.6	9	9.45	4	3	5	3
0.9	88	122.5	9.85	6.5	8.55	2	2	14	2
0.95	147.5	41.5	3.9	23.5	8.3	5	4	8	4
0.45	138.5	71	5.65	11.7	8.2	23	13	3	6
0.75	105	68	5.75	2.5	8.5	20	6	30	8
7	254	133	9.5	34	8.6	24	37	4	5
0.75	207	171.5	12.1	9.7	9.36	38	7	16	9
0.4	74.5	81.5	6.8	3.25	8.45	18	5	33	15
20.4	302	188.5	13.8	4.65	8.55	39	22	1	10
2.15	163.5	107.5	9.15	12.5	8.75	26	26	10	12
3.75	88	53	4.8	14.5	8.15	11	18	27	19
5	115.5	73.5	6.2	32	7.9	31	21	11	13
1.45	229	88	6.7	9	8.75	35	10	23	11
3.625	138.9	61.7	4.7	10.4	9.1	16	38	12	14
3.3	317.5	69.5	5.5	19	8.5	53	28	7	7
0.35	142.5	63.5	5.25	25.5	8.1	25	55	6	17
0.5	128	98	8	6.75	8.95	56	11	25	16
14.75	242	41	3.1	50.85	7.7	7	9	69	25
0.65	161	41	3.55	8.15	8.15	33	8	52	21
3.5	102.725	75.75	5.85	4.825	8.5	34	32	21	27
2.1	372.5	26	1.9	4.4	7.8	21	14	45	34
6.55	235	44	3.95	5.5	8.25	8	12	65	30
1.8	269.5	34.5	2.85	12.65	7.9	6	24	49	36
1.05	202	76.5	6.55	5	8.25	51	25	19	22
1.4	176	53	4.7	3.5	8	42	35	13	29
0.55	137.5	93.5	7.7	6.25	8.55	64	23	17	20
0.4	82	68	6.2	3.1	8.25	68	17	15	28
0.7	157.5	7.7	5.8	8.5	7.9	47	59	9	18
1.6	231.5	75	5.75	1.5	8.2	10	61	28	35
1.05	98.5	105.5	8.25	8	8.5	3	51	42	38
1.8	118.5	89.5	6.8	3.1	8.5	59	20	36	24
1.05	158	61	4.7	13.75	8.15	37	34	31	37
5.05	159	87	6.85	3.5	8.05	40	30	38	32
1.4	349.5	90.5	6.4	13	8.65	57	36	26	23
1.15	216	52.5	4.2	3.5	8.15	36	31	46	40
3.35	257	55.75	4.6	1	8.25	12	33	62	48
1.05	227	30.5	2.55	3.15	7.8	54	42	20	41
10.6	96.5	56.5	4.95	1.65	8.3	62	16	60	26
1.15	112.95	82	6.5	12.55	8.5	43	56	35	31
1.95	336.5	48	3.75	8.35	8.05	19	45	51	51

3.7	42.5	115	9	3	8.65	67	29	44	33
2.75	173.5	58.5	4.85	1	7.9	22	15	72	64
27.75	213	132.5	8.9	3.45	8.5	32	43	47	52
1.3	280	18.5	1.5	8.25	7.9	30	40	50	54
1.05	190	96.5	7.65	9	8.75	45	65	22	44
0.5	166	90.5	7.15	3	8.45	46	66	29	39
3.05	377.5	26	2.45	1	7.85	50	19	70	42
1.3	236.5	54	4.35	3	8.25	17	57	57	55
0.9	153.5	48	4	1.5	8	13	54	59	61
0.3	120	61.5	5.25	8.8	8.15	63	62	24	43
0.8	63.5	125.5	9.55	0.5	8.8	14	64	64	50
0.25	77	74	6.5	3.65	8.3	15	72	40	69
0.8	143	117	8.85	5.5	8.55	71	63	18	45
0.65	178.5	24.5	2.1	5	8.25	44	48	58	47
0.55	112.5	74.5	7.2	6	8.4	72	46	34	46
1.4	263	28.5	2.5	1.5	7.9	48	27	67	56
0.4	40	89.55	7.5	4	8.8	29	71	32	67
1.35	266.5	58	4.85	1.5	8.3	55	41	54	53
0.6	105.95	76	5.75	3.9	8.35	60	52	43	49
1.45	271	40	3.15	5	8.2	41	39	68	58
1.05	177	66	5.2	2.55	8.25	27	60	53	68
1.5	202	35	2.7	3.9	7.95	28	53	66	63
0.75	147.5	72	5.75	4.5	8.35	66	49	39	57
6.35	268	61	4.85	0.75	7.95	52	47	55	62
17.85	156	90.35	6.55	1.5	7.85	9	67	71	70
1.1	71	25	2.15	3.5	7.75	69	44	48	59
1.325	136.6	79.7	6.4	7.2	9.1	61	69	37	60
0.75	80.45	91.5	7.7	5.2	8.25	65	50	56	65
0.6	197.5	54	4.35	5	8.05	49	58	63	66
0.25	129.5	20.5	1.9	6	7.75	58	70	41	71
0.6	200	66	6.2	1.5	8.4	70	68	61	72

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Ranking of Concern	Station	Description	IN (mg/l)	OP (mg/l)	Chla_Cor (ug/l)
1	SCL68	Sanibel Bayous 100m South Entrance	2.798	1.9985	135.4
2	SCL13	Sanibel_Golf_Reclaimed_Water_Pnd	0.399	0.885	91.6
3	SCL05	City_Reclaimed_Dscharge_Pond	1.812	1.965	39.2
4	SCL03	PeriwinklePark_Duck_Pond	0.364	0.6325	64.3
5	SCL63	Tradewinds_South_Lake_Tahiti	0.070	0.1295	135.2
6	SCL36	Sande_Pointe_Condo	0.086	0.396	22.1
7	SCL72	Sanibel Bayous Pond at Former WWTP	0.066	0.068	101.1
8	SCL71	Sanctuary_Lake7 (Discharge to Estuary)	0.045	0.3905	36.9
9	SCL29	Sanibel_Cottages	0.094	0.459	19.8
10	SCL70	Blue_Crab_Ct._Lake	0.044	0.092	141.8
11	SCL07	Dunes_Lake5	0.061	0.0855	53.5
12	SCL52	RabbitRd_South_Bike_Path_Lake	0.188	0.0975	25.4
13	SCL51	RabbitRd_North_Bike_Path_Lake	0.054	0.094	47.7
14	SCL69	Sanctuary_Lake4_Near_Weir	0.048	0.2885	27.5
15	DL09	Dunes_Lake9	0.09875	0.06675	47.0
16	SCL35	Seagull_Estates_West_Daniel_Dr.	0.036	0.085	68.0
17	SCL64	Tradewinds_North_Lake_Tahiti	0.066	0.044	78.3
18	SCL16	Sundial_East_Condo	0.033	0.202	26.5
19	SCL65	North_Bayous_Lake_Wild_Lime	0.311	0.3245	6.1
20	SCL33	ByTheSea_Condo	0.049	0.3675	10.1
21	DLHS	Dunes_Horseshoe_Lake_Pelican Dr.	0.04875	0.08025	29.6
22	SCL20	GulfSidePark_AdjBikePath	0.081	0.1185	13.5
23	SCL38	RMP_Lake_BaileyTract	0.279	0.164	7.4
24	SCL66	Bayous_Middle_Lake_1901SanBayous	0.356	0.0875	11.6
25	SCL14	Sanibel_GC_SanSlough	0.036	0.0875	32.0
26	SCL11	Gumbo_Limbo_Eastern_Lake	0.042	0.073	46.7
27	SCL15	Panama_Canal_Middle_Gulf at Trail	0.025	0.088	35.4
28	SCL26	CasaYbel_Resort_LargePond	0.022	0.101	37.3
29	SCL04	PeriwinklePark_RVPond	0.038	0.0395	59.6
30	SCL45	Poinciana_Circle_Pond_Off Island Inn	0.206	0.036	25.3
31	SCL43	Palm_Lake	0.601	0.0485	15.0
32	SCL10	Whisperwood Pond	0.031	0.097	18.7
33	SCL62	ChateauSurMer_Lake_Discharge	0.046	0.076	21.6
34	SCL08	Dunes_Lake4	0.043	0.081	17.8
35	SCL40	RobinWoodLake	0.032	0.0705	25.8
36	SCL60	WhiteIbisWest GulfPines	0.047	0.0805	13.4
37	SCL37	SmithLake_BaileyTrct	0.176	0.077	8.2
38	SCL39	LongAcreLake	0.035	0.062	30.8
39	SCL32	AniPond_BailyTract	0.027	0.103	8.3

40	SCL50	St_Isabel_Church_Lake	0.042	0.0425	18.8
41	SCL58	SCCFHaasPondAmerLegion	0.088	0.055	10.4
42	SCL47	North_Lake_Murex	0.023	0.083	13.9
43	SCL12	Gumbo_Limbo_West_Lake	0.075	0.1065	4.1
44	SCL67	Nortern_Pond_Wulfert&SanCap	0.053	0.0595	12.3
45	SCL59	GulfPines_SloughGageStation	0.056	0.0625	10.7
46	SCL34	Seagull_Estates_East_Daniel_Dr.	0.042	0.029	28.0
47	SCL53	SeaOats_Dr. SmallLake	0.038	0.028	24.3
48	SCL19	GulfsideCityPark_MangrovePond	0.037	0.0975	5.4
49	SCL57	Gulf_Pines_OldBanyon_Bridge	0.095	0.042	9.0
50	SCL21	OceansReach_Condo	0.110	0.0455	8.4
51	SCL31	Pond_Behind_Baileys	0.026	0.033	27.3
52	SCL48	South_Lake_Murex	0.105	0.029	7.8
53	SCL17	RestaShore_MiddleGulf_SouthOfCowry	0.103	0.008	16.8
54	SCL41	HurricaneLane_Lake	0.020	0.033	32.2
55	SCL42	PondAdj_BikePath_at_HurricaneLn	0.042	0.053	8.4
56	SCL54	East_Rocks_NorthEnd_Durion	0.015	0.0545	19.6
57	SCL06	Roadside_Park_Pond_Island_Water	0.038	0.0855	6.8
58	SCL30	Pointe_Santos_W.Gulf	0.056	0.013	21.3
59	SCL18	SanibelLakes_End_Ibis	0.034	0.0625	10.0
60	SCL55	EastRocks_WestEndCoquina	0.031	0.0475	14.0
61	SCL28	SanibelCommunityHousePark_Pond	0.043	0.0635	6.5
62	SCL44	TwinPondEastLake_Off_Island_Inn	0.060	0.0385	10.0
63	SCL24	Periwinkle_Properties_Sunrise_Circle	0.058	0.0465	6.9
64	SCL46	Brightwater_Lake_Barra_Circle	0.023	0.053	16.8
65	SCL27	City_Hall_Lake_Dock	0.036	0.054	9.8
66	SCL09	SCCFPond_VenusDr.	0.241	0.0235	4.7
67	SCL01	LightHousePoint Condo	0.022	0.0575	11.8
68	DevittPnd	Pond at SCCF Homestead	0.028	0.01925	18.5
69	SCL56	WestRocks_EastEndCoquina	0.024	0.049	9.1
70	SCL25	PeriwinklePines_Pond_Egret_offDunlop	0.038	0.04	7.8
71	SCL23	Periwinkle Place Pond	0.032	0.018	15.1
72	SCL02	BeachRd Villas Pnd	0.020	0.0225	8.2

TSI	TN (mg/l)	TP (mg/l)	N:P	Salinity (PSU)	Reclaimed Water	Land Use	Ammonia	Nox	CDOM
106.2	5.35	3.711	1.4	2.4	NR	WWTP	2.790	0.008	362.5
96.5	2.62	1.250	2.1	0.9	R	GlfcRse	0.125	0.2735	69
97.6	3.72	2.440	1.5	0.9	R	WWTP	0.047	1.765	88
88.1	2.74	0.832	3.3	1.0	NR	High	0.233	0.1305	147.5
87.4	3.88	0.192	20.2	0.5	NR	Medium	0.045	0.025	138.5
86.1	2.73	0.673	4.1	0.8	R	High	0.014	0.0715	105
88.1	6.73	0.109	61.7	7.0	NR	WWTP	0.056	0.01	254
85.4	2.12	0.552	3.8	0.8	R	GlfcRse	0.041	0.004	207
78.4	1.18	0.542	2.2	0.4	R	High	0.067	0.0275	74.5
82.5	3.97	0.201	19.8	20.4	NR	Low	0.040	0.004	302
80.7	2.81	0.147	19.1	2.2	R	GlfcRse	0.051	0.01	163.5
76.7	3.87	0.121	32.1	3.8	NR	Low	0.179	0.009	88
80.5	3.26	0.126	25.8	5.0	NR	Low	0.047	0.007	115.5
81.1	2.04	0.353	5.8	1.5	R	GlfcRse	0.044	0.0045	229
78.5	2.88	0.120	24.0	3.6	R	GlfcRse	0.087	0.0115	138.9
86.5	4.67	0.181	25.8	3.3	NR	Low	0.031	0.0045	317.5
78.1	2.89	0.121	24.0	0.4	NR	Medium	0.062	0.004	142.5
78.3	1.92	0.318	6.0	0.5	R	High	0.029	0.004	128
74.4	1.91	0.429	4.5	14.8	NR	Low	0.273	0.038	242
76.0	1.33	0.807	1.6	0.7	R	High	0.039	0.01	161
73.9	2.30	0.122	18.8	3.5	NR	Medium	0.024	0.02525	102.725
71.9	2.28	0.136	16.7	2.1	NR	Natural	0.077	0.004	372.5
73.2	3.41	0.200	17.1	6.6	NR	Natural	0.274	0.0055	235
71.0	1.92	0.203	9.5	1.8	NR	Low	0.338	0.0175	269.5
75.1	2.08	0.123	17.0	1.1	R	Medium	0.032	0.004	202
73.5	1.67	0.100	16.7	1.4	NR	Medium	0.035	0.007	176
76.5	2.01	0.145	13.9	0.6	R	Medium	0.021	0.004	137.5
73.8	1.29	0.158	8.2	0.4	R	High	0.018	0.004	82
78.0	2.02	0.124	16.3	0.7	NR	High	0.034	0.004	157.5
71.4	3.21	0.059	54.8	1.6	NR	Low	0.164	0.0425	231.5
70.7	3.22	0.067	48.4	1.1	NR	Low	0.592	0.009	98.5
74.7	2.00	0.178	11.3	1.8	NR	Medium	0.027	0.004	118.5
70.9	2.07	0.083	24.9	1.1	NR	GlfcRse	0.042	0.004	158
72.8	2.15	0.138	15.6	5.1	R	GlfcRse	0.032	0.0115	159
74.8	2.78	0.117	23.8	1.4	NR	Low	0.028	0.004	349.5
70.5	1.74	0.200	8.7	1.2	NR	Low	0.043	0.004	216
67.1	2.57	0.102	25.3	3.4	NR	Natural	0.163	0.0135	257
70.2	1.70	0.071	24.1	1.1	NR	Low	0.027	0.008	227
74.0	3.89	0.186	20.9	10.6	NR	Natural	0.023	0.004	96.5

73.1	3.10	0.087	35.6	1.2	R	Comm	0.038	0.004	112.95
66.5	2.74	0.065	42.5	2.0	NR	Natural	0.084	0.004	336.5
72.7	2.65	0.123	21.6	3.7	NR	Medium	0.018	0.0045	42.5
62.4	1.40	0.122	11.4	2.8	NR	Medium	0.025	0.0495	173.5
66.3	1.81	0.071	25.7	27.8	NR	Natural	0.049	0.004	213
65.6	2.08	0.069	30.4	1.3	NR	GlfcRse	0.052	0.004	280
69.3	2.48	0.050	50.0	1.1	NR	Low	0.035	0.007	190
70.5	1.51	0.144	10.5	0.5	NR	Low	0.034	0.004	166
70.1	2.26	0.270	8.4	3.1	NR	Natural	0.033	0.004	377.5
65.4	2.17	0.083	26.1	1.3	NR	Low	0.072	0.023	236.5
64.5	1.27	0.145	8.8	0.9	NR	High	0.106	0.004	153.5
70.0	1.91	0.086	22.2	0.3	NR	Comm	0.022	0.004	120
67.0	2.92	0.078	37.6	0.8	NR	Medium	0.033	0.0715	63.5
60.0	1.28	0.033	38.9	0.3	NR	Low	0.096	0.007	77
68.8	1.85	0.056	33.0	0.8	NR	Low	0.015	0.0045	143
67.6	8.63	0.070	124.1	0.7	NR	Low	0.036	0.006	178.5
68.2	2.02	0.071	28.7	0.6	NR	Medium	0.013	0.004	112.5
65.1	1.81	0.094	19.3	1.4	NR	Natural	0.034	0.004	263
61.7	1.02	0.064	16.0	0.4	R	High	0.043	0.0135	40
65.7	1.79	0.083	21.6	1.4	NR	Medium	0.022	0.0115	266.5
67.0	1.67	0.079	21.2	0.6	NR	Medium	0.027	0.004	105.95
65.0	2.46	0.091	27.0	1.5	NR	Comm	0.031	0.0125	271
61.2	1.68	0.041	41.0	1.1	NR	Low	0.030	0.03	177
63.6	1.47	0.088	16.8	1.5	NR	Comm	0.036	0.022	202
65.0	1.49	0.061	24.4	0.8	NR	Low	0.019	0.004	147.5
64.1	2.01	0.081	24.9	6.4	NR	Comm	0.024	0.012	268
56.1	2.61	0.034	76.8	17.9	NR	Medium	0.189	0.0515	156
64.7	1.16	0.101	11.5	1.1	NR	High	0.018	0.004	71
64.5	1.82	0.053	34.6	1.3	NR	Natural	0.023	0.006	136.6
62.0	1.68	0.058	29.2	0.8	NR	Medium	0.012	0.0115	80.45
61.9	1.54	0.061	25.5	0.6	NR	Medium	0.032	0.0055	197.5
55.0	0.90	0.025	36.8	0.3	NR	Comm	0.021	0.011	129.5
54.8	1.46	0.037	39.3	0.6	NR	Low	0.012	0.007	200

DO%	DO_mg/l	Turb	pH	IN Rank	OP Rank	Chla Rank	TSI Rank	Total Rank	
24	2.05	77.5	8	1	1	2	1	5	
120.5	12.6	9	9.45	4	3	5	3	15	
122.5	9.85	6.5	8.55	2	2	14	2	20	
41.5	3.9	23.5	8.3	5	4	8	4	21	
71	5.65	11.7	8.2	23	13	3	6	45	
68	5.75	2.5	8.5	20	6	30	8	64	
133	9.5	34	8.6	24	37	4	5	70	
171.5	12.1	9.7	9.36	38	7	16	9	70	
81.5	6.8	3.25	8.45	18	5	33	15	71	
188.5	13.8	4.65	8.55	39	22	1	10	72	
107.5	9.15	12.5	8.75	26	26	10	12	74	
53	4.8	14.5	8.15	11	18	27	19	75	
73.5	6.2	32	7.9	31	21	11	13	76	
88	6.7	9	8.75	35	10	23	11	79	
61.7	4.7	10.4	9.1	16	38	12	14	80	28.0
69.5	5.5	19	8.5	53	28	7	7	95	
63.5	5.25	25.5	8.1	25	55	6	17	103	
98	8	6.75	8.95	56	11	25	16	108	
41	3.1	50.85	7.7	7	9	69	25	110	
41	3.55	8.15	8.15	33	8	52	21	114	
75.75	5.85	4.825	8.5	34	32	21	27	114	
26	1.9	4.4	7.8	21	14	45	34	114	
44	3.95	5.5	8.25	8	12	65	30	115	
34.5	2.85	12.65	7.9	6	24	49	36	115	
76.5	6.55	5	8.25	51	25	19	22	117	
53	4.7	3.5	8	42	35	13	29	119	
93.5	7.7	6.25	8.55	64	23	17	20	124	
68	6.2	3.1	8.25	68	17	15	28	128	
7.7	5.8	8.5	7.9	47	59	9	18	133	
75	5.75	1.5	8.2	10	61	28	35	134	
105.5	8.25	8	8.5	3	51	42	38	134	
89.5	6.8	3.1	8.5	59	20	36	24	139	
61	4.7	13.75	8.15	37	34	31	37	139	
87	6.85	3.5	8.05	40	30	38	32	140	
90.5	6.4	13	8.65	57	36	26	23	142	
52.5	4.2	3.5	8.15	36	31	46	40	153	
55.75	4.6	1	8.25	12	33	62	48	155	
30.5	2.55	3.15	7.8	54	42	20	41	157	
56.5	4.95	1.65	8.3	62	16	60	26	164	

82	6.5	12.55	8.5	43	56	35	31	165	
48	3.75	8.35	8.05	19	45	51	51	166	
115	9	3	8.65	67	29	44	33	173	
58.5	4.85	1	7.9	22	15	72	64	173	
132.5	8.9	3.45	8.5	32	43	47	52	174	
18.5	1.5	8.25	7.9	30	40	50	54	174	
96.5	7.65	9	8.75	45	65	22	44	176	
90.5	7.15	3	8.45	46	66	29	39	180	
26	2.45	1	7.85	50	19	70	42	181	
54	4.35	3	8.25	17	57	57	55	186	
48	4	1.5	8	13	54	59	61	187	
61.5	5.25	8.8	8.15	63	62	24	43	192	
125.5	9.55	0.5	8.8	14	64	64	50	192	
74	6.5	3.65	8.3	15	72	40	69	196	
117	8.85	5.5	8.55	71	63	18	45	197	
24.5	2.1	5	8.25	44	48	58	47	197	
74.5	7.2	6	8.4	72	46	34	46	198	
28.5	2.5	1.5	7.9	48	27	67	56	198	
89.55	7.5	4	8.8	29	71	32	67	199	
58	4.85	1.5	8.3	55	41	54	53	203	
76	5.75	3.9	8.35	60	52	43	49	204	
40	3.15	5	8.2	41	39	68	58	206	
66	5.2	2.55	8.25	27	60	53	68	208	
35	2.7	3.9	7.95	28	53	66	63	210	
72	5.75	4.5	8.35	66	49	39	57	211	
61	4.85	0.75	7.95	52	47	55	62	216	
90.35	6.55	1.5	7.85	9	67	71	70	217	
25	2.15	3.5	7.75	69	44	48	59	220	
79.7	6.4	7.2	9.1	61	69	37	60	227	
91.5	7.7	5.2	8.25	65	50	56	65	236	
54	4.35	5	8.05	49	58	63	66	236	
20.5	1.9	6	7.75	58	70	41	71	240	
66	6.2	1.5	8.4	70	68	61	72	271	

SiteID	Site	Lat	Long	Description
SCL01	LightHsePtCondo	26.45230	-82.01787	Lighthouse Pt Condo Pond Periwinkle
SCL02	BeachRdVillasPnd	26.44554	-82.04058	Pond Behind Beach Rd Villas (end_Beach_Rd)
SCL03	PeriwinklePrkDuckPnd	26.44338	-82.04332	Duck_Pond_at_Periwinkle Park
SCL04	PrwnklePrkRVPond	26.44406	-82.04404	Pond_at_RVPark_PeriwinklePark
SCL05	CityReclaimDschrge	26.44571	-82.04570	SmallPondatCityReclaimPonds
SCL06	IslandWatrPond	26.44452	-82.05083	BehindRoadsidePark_IWAccessRd
SCL07	DunesLake5	26.45300	-82.04227	Access tennis court area off SandCastle
SCL08	DunesWeir	26.45515	-82.05254	Access from GC path Dunes Weir
SCL09	SCCFPnd	26.46196	-82.05164	JustNorthDunes_VenusDr
SCL10	WhsperwdPond	26.44542	-82.05534	WhisperwoodLake_Dock_WhisperwoodWay
SCL11	GumboLimboEast	26.44465	-82.05816	Eastern_Lake_GumboLimbo 1565 Bunting
SCL12	GumboLimboWest	26.44412	-82.06675	Western_Lake_west_end_BuntingLn
SCL13	SanGolfReclmPnd	26.43910	-82.05151	AccessThru717BirdieView
SCL14	SanGCSlough	26.43614	-82.05481	SanibelSlough_AtSanGC_1331ParView
SCL15	PanamaCanal	26.42978	-82.05942	AtTrailBridge
SCL16	SundialEast	26.43266	-82.05009	SWPond_SundialEastMiddleUnits
SCL17	RestaShore	26.42861	-82.06213	1825MiddleGulf_BikeCrosswalk
SCL18	SanibelLakeEst	26.43604	-82.06535	1806_IbisLn_or_1995_Roseate
SCL19	GulfsidePark_1	26.42619	-82.06461	AccessFromParkLot_or_Sandpiper
SCL20	GulfSiePrk_2	26.42752	-82.06669	AdjacentBikePath
SCL21	OceansReachCondo	26.42559	-82.06756	CaminoDelMar_offAlgiers
SCL23	PeriwinklePlaceSW	26.43735	-82.06838	SW_Pond_Behind Periwinkle Place
SCL24	SWPondPriwinkleProp	26.43621	-82.06946	2050 Sunrise off Meridian Adj_PeriwnklePlace
SCL25	PeriwinklePinesSW	26.43915	-82.07040	2166 Egret Off Dunlop
SCL26	CasaYbel	26.42493	-82.07111	LargePondAdjW.Gulf
SCL27	CityHall	26.44124	-82.07408	FromGazebo
SCL28	SanComAssPark	26.43587	-82.07435	PndBehindCHRAAdjComHouse
SCL29	SanibelCottages	26.42337	-82.07602	2341WestGulf_east of TB Rd
SCL30	Pointe Santos	26.42268	-82.07734	WestGulf just east of Tarpon Bay Rd
SCL31	BaileysPond	26.43361	-82.07880	SW Pond Behind Baileys Sample on Point

SCL32	AniPondBailyTract	26.42813	-82.08198	SouthPondOff TrailNear_Gazebo
SCL33	ByTheSea	26.42352	-82.08273	ByTheSeaCondo_W_Gulf_just_West_TarponBay
SCL34	SeagullEst_east	26.42499	-82.08443	East Lake in Seagull_Est.202 Daniel Dr
SCL35	SeagullEst	26.42520	-82.08648	WestLakeSeagull_252 Daniel Dr
SCL36	SandePointe	26.42337	-82.08674	SWPond Sand PointeCondo West Gulf
SCL37	SmithLkBaileyTrct	26.43112	-82.08708	North_lake_Bailey Tract_adj_Island_Inn Rd
SCL38	RMPBaileyTrct	26.42818	-82.08783	SE Corner_MiddleLakeBailyTract_Trail
SCL39	LongAcreLake	26.42440	-82.08855	Entrance Violet Drive
SCL40	RobinWoodLake	26.42724	-82.08980	Sample at 255 Robinwood Circle
SCL41	HurricaneLane	26.42653	-82.09170	Access at Dock across 228 Hurricane Ln
SCL42	HurricaneLn	26.42523	-82.09172	Adjacent West Gulf Bike Path
SCL43	PalmLake	26.42626	-82.09312	Access behind 215 Palm Lake
SCL44	TwinPondEast	26.43083	-82.09376	3003 TwinPond off Island Inn
SCL45	NPoincianaPond	26.43066	-82.09434	Access From Poincianna off Island End
SCL46	Brghtwter_IslandInn	26.42899	-82.09620	Access from open lot on Barra Circle
SCL47	NlakeMurex	26.43316	-82.09681	Access 513 Lake Murex Circle
SCL48	SLakeMurex	26.43137	-82.09683	Access from 493 Lake Murex Circle
SCL50	StIsabelCathChrch	26.44117	-82.10718	Access Behind St Isabel Church
SCL51	NBikePathlake	26.43916	-82.10849	Access behind 797 Rabitt Rd "Slater"
SCL52	SBikePathLake	26.43734	-82.10889	Access Behind 705 Rabitt Rd "Roberts"
SCL53	SeaOatsDrSmlLake	26.43259	-82.10994	Access 490 Sea Oats Open Lot
SCL54	ERockNorthEndDurion	26.43860	-82.11232	AccessBehind 732 Durion
SCL55	ERockWestEndCoquina	26.43773	-82.11592	East Dead End Coquina Dr
SCL56	WRockEastEndCoquina	26.43802	-82.11892	Access behind 3702 Coquina Dr.
SCL57	GulfPines	26.44434	-82.12827	Bridge_OldBanyon_Before_Birdwalk
SCL58	SCCFHaasPondAmerLeg	26.44841	-82.12927	Access SCCF land just wst of SanCapMed
SCL59	GulfPinesGage Station	26.44516	-82.13187	Culvert on Gulf Pines Drive after Y
SCL60	WhiteIdisGulfPines	26.44600	-82.13462	Access from White Ibis Dr lake on west








Station	Latitude	Longitude	Sample_date	Sample_time	Ammonia	Nox	TKN
DevittPnd	26.4444	-82.04939	5/5/16	9:43	0.008	0.004	2.44
DevittPnd	26.4444	-82.04939	6/2/16	12:00	0.016	0.004	1.66
DevittPnd	26.4444	-82.04939	12/1/15	9:10	0.052	0.004	1.77
DevittPnd	26.4444	-82.04939	7/6/15	13:00	0.014	0.01	1.4
DL09	26.450070	-82.047180	5/5/16	8:45	0.016	0.006	3.9
DL09	26.450070	-82.047180	6/2/16	10:15	0.016	0.004	2.21
DL09	26.450070	-82.047180	12/1/15	8:18	0.262	0.026	2.75
DL09	26.450070	-82.047180	7/6/15	9:20	0.055	0.01	2.6
DLHS	26.451095	-82.048356	6/2/16	10:00	0.016	0.004	1.73
DLHS	26.451095	-82.048356	5/5/16	8:40	0.008	0.038	2.49
DLHS	26.451095	-82.048356	12/1/15	8:10	0.056	0.049	2.4
DLHS	26.451095	-82.048356	7/6/15	9:10	0.014	0.01	2.5
SCL01	26.452295	-82.017868	8/3/16	11:50	0.019	0.004	1.23
SCL01	26.452295	-82.017868	2/18/16	12:40	0.016	0.004	1.09
SCL02	26.445536	-82.040580	8/29/16	10:55	0.0078	0.01	1.76
SCL02	26.445536	-82.040580	2/18/16	12:20	0.016	0.004	1.14
SCL03	26.443381	-82.043321	2/18/16	11:50	0.318	0.216	2.46
SCL03	26.443381	-82.043321	8/3/16	11:30	0.148	0.045	2.75
SCL04	26.445536	-82.040580	8/3/16	11:40	0.051	0.004	2.27
SCL04	26.444057	-82.044043	2/18/16	12:00	0.016	0.004	1.77
SCL05	26.445706	-82.045700	8/3/16	13:00	0.045	2.4	2.16
SCL05	26.445706	-82.045700	2/18/16	15:00	0.049	1.13	1.74
SCL06	26.444516	-82.050828	8/3/16	13:20	0.051	0.004	2.2
SCL06	26.444516	-82.050828	2/18/16	13:20	0.016	0.004	1.42
SCL07	26.453000	-82.042275	2/18/16	14:40	0.016	0.004	2.3
SCL07	26.453000	-82.042275	8/3/16	14:50	0.086	0.016	3.29
SCL08	26.455145	-82.052543	8/3/16	14:35	0.047	0.004	2.6
SCL08	26.455145	-82.052543	2/18/16	14:30	0.016	0.019	1.68
SCL09	26.461960	-82.051640	8/3/16	14:25	0.34	0.046	3.4
SCL09	26.461960	-82.051640	2/18/16	14:15	0.038	0.057	1.71
SCL10	26.445422	-82.055339	8/3/16	14:00	0.037	0.004	2.28
SCL10	26.445422	-82.055339	2/18/16	14:00	0.016	0.004	1.72
SCL11	26.444650	-82.058155	8/3/16	13:40	0.044	0.004	2.04
SCL11	26.444650	-82.058155	2/18/16	13:40	0.026	0.01	1.28
SCL12	26.444119	-82.066754	8/3/16	13:50	0.034	0.004	1.5
SCL12	26.444119	-82.066754	2/18/16	13:50	0.016	0.095	1.2
SCL13	26.439099	-82.051512	8/3/16	11:10	0.234	0.543	2.3

SCL13	26.439099	-82.051512	2/18/16	11:30	0.016	0.004	2.4
SCL14	26.436144	-82.054808	2/18/16	11:10	0.016	0.004	1.66
SCL14	26.436144	-82.054808	8/3/16	10:55	0.048	0.004	2.5
SCL15	26.429778	-82.059424	2/18/16	10:30	0.016	0.004	1.78
SCL15	26.429778	-82.059424	8/3/16	10:25	0.026	0.004	2.24
SCL16	26.432655	-82.050086	8/3/16	10:40	0.042	0.004	2.1
SCL16	26.432655	-82.050086	2/18/16	10:50	0.016	0.004	1.74
SCL17	26.428611	-82.062125	8/3/16	10:15	0.175	0.01	1.64
SCL17	26.428611	-82.062125	2/18/16	10:20	0.016	0.004	0.918
SCL18	26.436039	-82.065347	8/4/16	9:15	0.028	0.018	2.06
SCL18	26.436039	-82.065347	2/18/16	15:15	0.016	0.005	1.49
SCL19	26.426186	-82.064606	8/3/16	10:00	0.05	0.004	2.65
SCL19	26.426186	-82.064606	2/18/16	10:00	0.016	0.004	1.86
SCL20	26.427517	-82.066690	2/18/16	9:45	0.058	0.004	1.86
SCL20	26.427517	-82.066690	8/3/16	9:50	0.095	0.004	2.69
SCL21	26.425594	-82.067563	8/3/16	9:45	0.075	0.004	1.14
SCL21	26.425594	-82.067563	2/18/16	9:35	0.136	0.004	1.4
SCL23	26.437349	-82.068377	8/4/16	9:30	0.033	0.011	1.15
SCL23	26.437349	-82.068377	2/25/16	8:30	0.008	0.011	0.634
SCL24	26.436210	-82.069462	8/4/16	9:40	0.038	0.013	1.72
SCL24	26.436210	-82.069462	2/25/16	8:15	0.034	0.031	1.18
SCL25	26.439150	-82.070397	8/4/16	10:05	0.031	0.007	1.9
SCL25	26.439150	-82.070397	2/25/16	8:45	0.033	0.004	1.17
SCL26	26.424932	-82.071106	2/18/16	9:20	0.016	0.004	1.05
SCL26	26.424932	-82.071106	8/3/16	9:30	0.02	0.004	1.52
SCL27	26.441244	-82.074078	8/4/16	10:20	0.04	0.01	2.64
SCL27	26.441244	-82.074078	2/25/16	9:00	0.008	0.014	1.35
SCL28	26.435874	-82.074347	8/4/16	9:58	0.053	0.021	3.52
SCL28	26.435874	-82.074347	2/25/16	7:55	0.008	0.004	1.37
SCL29	26.423369	-82.076018	2/18/16	9:10	0.016	0.004	0.967
SCL29	26.423369	-82.076018	8/3/16	9:15	0.117	0.051	1.35
SCL30	26.422682	-82.077340	2/18/16	8:45	0.016	0.004	0.642
SCL30	26.422682	-82.077340	8/3/16	9:10	0.069	0.023	1.37
SCL31	26.433610	-82.078797	8/3/16	8:25	0.028	0.004	2.77
SCL31	26.433610	-82.078797	2/18/16	7:40	0.016	0.004	1.05
SCL32	26.428133	-82.081982	8/3/16	8:50	0.029	0.004	4.72
SCL32	26.428133	-82.081982	2/18/16	8:10	0.016	0.004	3.06

SCL33	26.423515	-82.082726	8/4/16	10:40	0.07	0.016	1.7
SCL33	26.423515	-82.082726	2/25/16	8:47	0.008	0.004	0.936
SCL34	26.424991	-82.084426	8/4/16	10:50	0.061	0.01	3.26
SCL34	26.424991	-82.084426	2/25/16	9:35	0.008	0.004	1.68
SCL35	26.425197	-82.086475	8/4/16	11:15	0.054	0.005	5.91
SCL35	26.425197	-82.086475	2/25/16	9:50	0.008	0.004	3.41
SCL36	26.423374	-82.086742	2/25/16	10:05	0.008	0.037	2.95
SCL36	26.423374	-82.086742	8/4/16	11:20	0.02	0.106	2.39
SCL37	26.431124	-82.087076	8/3/16	8:35	0.046	0.009	2.89
SCL37	26.431124	-82.087076	2/18/16	7:50	0.279	0.018	2.22
SCL38	26.428176	-82.087835	8/3/16	8:50	0.531	0.007	4.62
SCL38	26.428176	-82.087835	2/18/16	8:30	0.016	0.004	2.18
SCL39	26.424398	-82.088546	2/25/16	10:15	0.008	0.004	1.29
SCL39	26.424398	-82.088546	8/4/16	11:30	0.045	0.012	2.1
SCL40	26.427240	-82.089799	8/4/16	12:50	0.048	0.004	3.59
SCL40	26.427240	-82.089799	2/25/16	10:50	0.008	0.004	1.96
SCL41	26.426526	-82.091700	8/4/16	11:55	0.022	0.005	2.51
SCL41	26.426526	-82.091700	2/25/16	10:40	0.008	0.004	1.18
SCL42	26.425235	-82.091716	8/4/16	11:50	0.064	0.008	16.2
SCL42	26.425235	-82.091716	2/25/16	10:25	0.008	0.004	1.05
SCL43	26.426256	-82.093122	8/4/16	13:20	0.033	0.007	3.66
SCL43	26.426256	-82.093122	2/25/16	11:00	1.15	0.011	2.76
SCL44	26.430828	-82.093757	8/4/16	13:25	0.051	0.004	2.16
SCL44	26.430828	-82.093757	2/25/16	11:20	0.008	0.056	1.14
SCL45	26.430665	-82.094339	8/4/16	13:15	0.219	0.031	4.63
SCL45	26.430665	-82.094339	2/25/16	11:10	0.108	0.054	1.7
SCL46	26.428986	-82.096201	8/4/16	13:40	0.03	0.004	1.74
SCL46	26.428986	-82.096201	2/25/16	11:30	0.008	0.004	1.24
SCL47	26.433161	-82.096812	2/25/16	12:00	0.008	0.004	2.41
SCL47	26.433161	-82.096812	8/4/16	14:05	0.028	0.005	2.88
SCL48	26.431374	-82.096832	8/4/16	14:10	0.058	0.013	4.5
SCL48	26.431374	-82.096832	2/25/16	12:15	0.008	0.13	1.19
SCL50	26.441175	-82.107176	8/10/16	9:25	0.06	0.004	3.83
SCL50	26.441175	-82.107176	3/21/16	9:00	0.016	0.004	2.37
SCL51	26.439163	-82.108487	8/10/16	9:32	0.073	0.004	3.83
SCL51	26.439163	-82.108487	2/25/16	13:40	0.021	0.01	2.57
SCL52	26.437337	-82.108893	2/25/16	13:28	0.184	0.014	3.37

SCL52	26.437337	-82.108893	8/10/16	9:35	0.173	0.004	4.38
SCL53	26.432594	-82.109935	8/4/16	14:25	0.06	0.004	1.77
SCL53	26.432594	-82.109935	2/25/16	12:40	0.008	0.004	1.25
SCL54	26.438598	-82.112323	8/10/16	8:50	0.018		2.8
SCL54	26.438598	-82.112323	2/25/16	12:50	0.008	0.004	1.23
SCL55	26.437734	-82.115925	8/10/16	9:15	0.045	0.004	2.01
SCL55	26.437734	-82.115925	2/25/16	13:05	0.008	0.004	1.32
SCL56	26.438021	-82.118916	8/10/16	9:20	0.016	0.013	2.1
SCL56	26.438021	-82.118916	2/25/16	13:15	0.008	0.01	1.24
SCL57	26.444341	-82.128272	8/10/16	10:00	0.043	0.004	2.79
SCL57	26.444341	-82.128272	3/21/16	9:20	0.1	0.042	1.51
SCL58	26.448410	-82.129269	8/10/16	10:44	0.032	0.004	3.95
SCL58	26.448410	-82.129269	3/21/16	10:00	0.135	0.004	1.53
SCL59	26.445157	-82.131867	8/10/16	10:22	0.085	0.004	2.31
SCL59	26.445157	-82.131867	3/21/16	9:45	0.018	0.004	1.35
SCL60	26.446005	-82.134622	8/10/16	10:15	0.055	0.004	2.29
SCL60	26.446005	-82.134622	3/21/16	9:40	0.03	0.004	1.18
SCL62	26.452637	-82.139395	8/10/16	10:50	0.028	0.004	2.49
SCL62	26.452637	-82.139395	3/21/16	10:30	0.055	0.004	1.65
SCL63	26.453230	-82.141105	8/10/16	10:52	0.065	0.046	5.96
SCL63	26.453230	-82.141105	3/21/16	10:40	0.024	0.004	1.74
SCL64	26.453893	-82.141115	8/10/16	11:12	0.1	0.004	4.42
SCL64	26.453893	-82.141115	3/21/16	10:50	0.023	0.004	1.36
SCL65	26.470171	-82.154021	8/10/16	11:16	0.373	0.004	2.1
SCL65	26.470171	-82.154021	3/21/16	11:10	0.173	0.072	1.65
SCL66	26.466199	-82.156582	8/10/16	11:46	0.096	0.004	2.41
SCL66	26.466199	-82.156582	3/21/16	11:40	0.58	0.031	1.4
SCL67	26.469749	-82.156738	3/21/16	11:50	0.052	0.004	1.8
SCL67	26.469749	-82.156738	8/10/16	11:56	0.045	0.004	1.82
SCL68	26.468669	-82.157421	8/10/16	11:30	5.35	0.004	8.09
SCL68	26.468669	-82.157421	3/21/16	11:25	0.23	0.012	2.59
SCL69	26.476801	-82.166662	8/10/16	12:02	0.04	0.005	2.42
SCL69	26.476801	-82.166662	3/21/16	12:00	0.047	0.004	1.65
SCL70	26.478564	-82.170642	3/21/16	12:15	0.058	0.004	5.27
SCL70	26.478564	-82.170642	8/10/16	12:14	0.021	0.004	2.67
SCL71	26.491349	-82.170984	8/10/16	12:28	0.047	0.004	2.54
SCL71	26.491349	-82.170984	3/21/16	12:30	0.034	0.004	1.7

SCL72	26.47007	-82.159353	8/29/16	11:30	0.056	0.01	6.72



IN	TN	TN_Limit	OP	TP	TP_Limit	Salinity_Field	Chla_Cor
0.012	2.44	1.27	0.019	0.064	0.05	1	42.3
0.02	1.66	1.27	0.046	0.059	0.05	1.1	15.4
0.056	1.77	1.27	0.008	0.067	0.05	1	11.9
0.024	1.4	1.27	0.004	0.02	0.05	2.2	4.4
0.022	3.91	1.27	0.053	0.119	0.05	3.1	68.7
0.02	2.21	1.27	0.168	0.198	0.05	3.3	39.7
0.288	2.78	1.27	0.032	0.089	0.05	3.2	52.6
0.065	2.6	1.27	0.014	0.073	0.05	4.9	27.1
0.02	1.73	1.27	0.236	0.302	0.05	3.1	25.9
0.046	2.53	1.27	0.057	0.065	0.05	2.9	37.5
0.105	2.45	1.27	0.013	0.065	0.05	3.1	31.9
0.024	2.5	1.27	0.015	0.057	0.05	4.9	23
0.023	1.23	1.27	0.064	0.112	0.05	1.3	18.3
0.020	1.09	1.27	0.051	0.09	0.05	0.9	5.2
0.018	1.77	1.27	0.016	0.045	0.05	0.3	13.5
0.020	1.14	1.27	0.029	0.029	0.05	0.6	2.9
0.534	2.68	1.27	1.15	1.54	0.05	0.9	37.3
0.193	2.79	1.27	0.115	0.124	0.05	1	91.2
0.055	2.27	1.27	0.031	0.092	0.05	0.7	74.9
0.020	1.77	1.27	0.048	0.156	0.05		44.2
2.445	4.56	1.27	2.81	3.39	0.05	1	57.7
1.179	2.87	1.27	1.12	1.49	0.05	0.8	20.7
0.055	2.2	1.27	0.074	0.084	0.05	1.5	8.9
0.020	1.42	1.27	0.097	0.104	0.05	1.3	4.7
0.020	2.3	1.27	0.093	0.183	0.05	2.1	63
0.102	3.31	1.27	0.078	0.111	0.05	2.2	44
0.051	2.6	1.27	0.06	0.114	0.05	6.4	26.2
0.035	1.7	1.27	0.102	0.162	0.05	3.7	9.3
0.386	3.45	1.27	0.038	0.058	0.05	20.8	7.8
0.095	1.77	1.27	0.009	0.01	0.05	14.9	1.6
0.041	2.28	1.27	0.116	0.224	0.05	1.9	20.6
0.020	1.72	1.27	0.078	0.131	0.05	1.7	16.8
0.048	2.04	1.27	0.115	0.141	0.05	1.7	65
0.036	1.29	1.27	0.031	0.059	0.05	1.1	28.3
0.038	1.5	1.27	0.105	0.135	0.05	3.7	5.8
0.111	1.29	1.27	0.108	0.109	0.05	1.8	2.3
0.777	2.84	1.27	1.12	1.39	0.05	0.9	83.7

0.020	2.4	1.27	0.65	1.11	0.05	0.9	99.4
0.020	1.66	1.27	0.108	0.159	0.05	1	30.8
0.052	2.5	1.27	0.067	0.086	0.05	1.1	33.1
0.020	1.78	1.27	0.102	0.187	0.05	0.7	41
0.03	2.24	1.27	0.074	0.103	0.05	0.4	29.7
0.046	2.1	1.27	0.128	0.172	0.05	0.3	41.4
0.020	1.74	1.27	0.276	0.464	0.05	0.7	11.5
0.185	1.65	1.27	0.013	0.041	0.05	0.3	25
0.020	0.918	1.27	0.003	0.025	0.05	0.2	8.5
0.046	2.08	1.27	0.063	0.089	0.05	1.5	15.2
0.021	1.5	1.27	0.062	0.077	0.05	1.2	4.7
0.054	2.65	1.27	0.121	0.395	0.05	4.3	9
0.020	1.86	1.27	0.074	0.145	0.05	1.8	1.7
0.062	1.86	1.27	0.118	0.143	0.05	1.7	20
0.099	2.69	1.27	0.119	0.129	0.05	2.5	6.9
0.079	1.14	1.27	0.057	0.247	0.05	0.9	5.9
0.140	1.4	1.27	0.034	0.042	0.05	0.9	10.8
0.044	1.16	1.27	0.015	0.022	0.05	0.3	24.6
0.019	0.645	1.27	0.021	0.027	0.05	0.2	5.6
0.051	1.73	1.27	0.042	0.071	0.05	1.7	7.4
0.065	1.21	1.27	0.051	0.104	0.05	1.3	6.3
0.038	1.91	1.27	0.049	0.08	0.05	0.7	8
0.037	1.17	1.27	0.031	0.041	0.05	0.5	7.6
0.020	1.05	1.27	0.146	0.23	0.05	0.3	39
0.024	1.52	1.27	0.056	0.085	0.05	0.5	35.5
0.05	2.65	1.27	0.03	0.077	0.05	8.4	17.6
0.022	1.36	1.27	0.078	0.084	0.05	4.3	1.9
0.074	3.54	1.27	0.099	0.14	0.05	2.2	9
0.012	1.37	1.27	0.028	0.042	0.05	0.7	3.9
0.020	0.967	1.27	0.543	0.688	0.05	0.3	19.2
0.168	1.4	1.27	0.375	0.395	0.05	0.5	20.4
0.020	0.642	1.27	0.017	0.107	0.05	0.3	11
0.092	1.39	1.27	0.009	0.02	0.05	0.5	31.5
0.032	2.77	1.27	0.038	0.106	0.05	0.3	43.7
0.020	1.05	1.27	0.028	0.066	0.05	0.3	10.83
0.033	4.72	1.27	0.122	0.229	0.05	13.6	13.9
0.020	3.06	1.27	0.084	0.143	0.05	7.6	2.7

0.086	1.72	1.27	0.566	1.38	0.05	0.7	6.6
0.012	0.936	1.27	0.169	0.233	0.05	0.6	13.6
0.071	3.27	1.27	0.041	0.059	0.05	1.3	41.8
0.012	1.68	1.27	0.017	0.04	0.05	0.8	14.1
0.059	5.92	1.27	0.08	0.176	0.05	4.4	48.3
0.012	3.41	1.27	0.09	0.185	0.05	2.2	87.6
0.045	2.95	1.27	0.317	0.673	0.05	0.4	20.5
0.126	2.5	1.27	0.475	0.672	0.05	1.1	23.6
0.055	2.9	1.27	0.09	0.123	0.05	4	14.2
0.297	2.24	1.27	0.064	0.08	0.05	2.7	2.1
0.538	4.63	1.27	0.239	0.25	0.05	9.2	11.6
0.020	2.18	1.27	0.089	0.149	0.05	3.9	3.1
0.012	1.29	1.27	0.074	0.08	0.05	1	38.3
0.057	2.11	1.27	0.05	0.061	0.05	1.1	23.2
0.052	3.59	1.27	0.038	0.106	0.05	1.4	40.6
0.012	1.96	1.27	0.103	0.127	0.05	1.4	10.9
0.027	2.52	1.27	0.037	0.071	0.05	0.8	46
0.012	1.18	1.27	0.029	0.041	0.05	0.8	18.3
0.072	16.2	1.27	0.002	0.02	0.05	1	11.3
0.012	1.05	1.27	0.104	0.119	0.05	0.3	5.4
0.04	3.67	1.27	0.041	0.076	0.05	1.1	10.7
1.161	2.77	1.27	0.056	0.057	0.05	1	19.3
0.055	2.16	1.27	0.046	0.047	0.05	1.1	13.4
0.064	1.2	1.27	0.031	0.035	0.05	1	6.6
0.25	4.66	1.27	0.019	0.036	0.05	1.6	22.2
0.162	1.75	1.27	0.053	0.081	0.05	1.6	28.3
0.034	1.74	1.27	0.067	0.081	0.05	0.7	9.6
0.012	1.24	1.27	0.039	0.041	0.05	0.8	24
0.012	2.41	1.27	0.104	0.13	0.05	3.5	19.2
0.033	2.88	1.27	0.062	0.115	0.05	3.9	8.6
0.071	4.51	1.27	0.011	0.085	0.05	0.8	8.6
0.138	1.32	1.27	0.047	0.07	0.05	0.8	7
0.064	3.83	1.27	0.039	0.098	0.05	1.3	23.9
0.020	2.37	1.27	0.046	0.076	0.05	1	13.6
0.077	3.83	1.27	0.086	0.129	0.05	5.4	50.5
0.031	2.68	1.27	0.102	0.123	0.05	4.6	44.8
0.198	3.36	1.27	0.104	0.125	0.05	3.5	43.4

0.177	4.38	1.27	0.091	0.116	0.05	4	7.4
0.064	1.77	1.27	0.02	0.25	0.05	0.4	27.4
0.012	1.25	1.27	0.036	0.037	0.05	0.6	21.2
0.018	2.81	1.27	0.073	0.095	0.05	0.6	27.6
0.012	1.23	1.27	0.036	0.046	0.05	0.5	11.5
0.049	2.01	1.27	0.054	0.095	0.05	0.6	11.9
0.012	1.32	1.27	0.041	0.062	0.05	0.6	16.1
0.029	2.11	1.27	0.075	0.09	0.05	0.8	10
0.018	1.25	1.27	0.023	0.025	0.05	0.7	8.2
0.047	2.79	1.27	0.051	0.106	0.05	1.5	15
0.142	1.55	1.27	0.033	0.06	0.05	1.1	3
0.036	3.95	1.27	0.074	0.09	0.05	2.8	13.5
0.139	1.53	1.27	0.036	0.039	0.05	1.1	7.3
0.089	2.81	1.27	0.09	0.097	0.05	1.5	11.4
0.022	1.35	1.27	0.035	0.04	0.05	1.1	9.9
0.059	2.29	1.27	0.124	0.346	0.05	1.4	13.2
0.034	1.18	1.27	0.037	0.053	0.05	0.9	13.5
0.032	2.49	1.27	0.087	0.09	0.05	1.1	26
0.059	1.65	1.27	0.065	0.076	0.05	1	17.1
0.111	6.01	1.27	0.12	0.157	0.05	0.5	204.1
0.028	1.74	1.27	0.139	0.227	0.05	0.4	66.3
0.104	4.42	1.27	0.05	0.199	0.05	0.4	125.2
0.027	1.36	1.27	0.038	0.042	0.05	0.3	31.4
0.377	2.1	1.27	0.482	0.516	0.05	17.5	8
0.245	1.72	1.27	0.167	0.342	0.05	12	4.1
0.1	2.41	1.27	0.129	0.328	0.05	1	6.4
0.611	1.43	1.27	0.046	0.077	0.05	2.6	16.8
0.056	1.8	1.27	0.06	0.075	0.05	23.2	16.8
0.049	1.82	1.27	0.059	0.066	0.05	32.3	7.8
5.354	8.09	1.27	3.41	6.49	0.05	2.8	158.6
0.242	2.6	1.27	0.587	0.932	0.05	1.9	112.2
0.045	2.42	1.27	0.285	0.35	0.05	2	26.1
0.051	1.65	1.27	0.292	0.355	0.05	0.9	28.9
0.062	5.27	1.27	0.095	0.295	0.05	19.3	278.5
0.025	2.67	1.27	0.089	0.107	0.05	21.5	5
0.051	2.54	1.27	0.44	0.573	0.05	0.9	27.4
0.038	1.7	1.27	0.341	0.53	0.05	0.6	46.4

0.066	6.73	1.27	0.068	0.109	0.05	7	101.1

Chlorophyl-a Limit	Chla_probe	CDOM	DO%	DO_mg/l	Turb	pH	TSI TN	TSI TP
20		117.4	36.2	3	8.1	9.1	73.7	77.4
20		83	97	7.2	7.5	10.3	66.0	75.8
20		199	106	8.9	6	8.4	67.3	78.2
20		146.8				8.7	62.7	55.7
20	81.1	132.6	19	1.6	20	9.1	83.0	88.9
20	17.7	106	97	6.7	11.9	10.1	71.7	98.4
20	56	167	78	6.5	5.9	8.2	76.2	83.5
20	16.8	150	52.6	3.8	3.6	8.8	74.9	79.8
20	6.3	89	101	7.4	3.4	8.7	66.9	106.2
20	42.3	98.6	63.8	5	7.5	8.3	74.4	77.6
20	32	123	90.1	7.5	3.4	8.5	73.7	77.6
20	37.3	100.3	48.1	3.5	5	8.4	74.1	75.2
20	13.1	84	21	1.6	5	7.4	60.1	87.8
20	5.1	58	29	2.7	2	8.1	57.7	83.7
20	13.2	154	34	2.6	3	7.6	67.3	70.8
20	27	200	66	6.2	1.5	8.4	58.6	62.6
20	34	160	3	1	20	8.6	75.5	136.5
20	60	135	80	6.8	27	8	76.3	89.7
20	58	140	7.7	5.8	8	7.9	72.2	84.1
20		175			9		67.3	93.9
20	80	86	124	9.2	9	8	86.0	151.2
20	12	90	121	10.5	4	9.1	76.9	135.9
20	8.2	252	15	1.1	2	7.6	71.6	82.4
20	20	274	42	3.9	1	8.2	62.9	86.4
20	100	174	145	13.1	10	9	72.5	96.9
20	37	153	70	5.2	15	8.5	79.7	87.6
20	15	159	58	4.1	6	7.7	74.9	88.1
20	7	159	116	9.6	1	8.4	66.5	94.6
20	3	168	83.7	5.3	2	7.8	80.5	75.5
20	4	144	97	7.8	1	7.9	67.3	42.8
20	5	99	114	7.9	3.5	8.7	72.3	100.7
20	7	138	65	5.7	2.7	8.3	66.7	90.7
20	26	174	29	2.2	4	7.8	70.1	92.0
20	47	178	77	7.2	3	8.2	61.0	75.8
20	4	155	40	2.9	1	7.8	64.0	91.2
20	5	192	77	6.8	1	8	61.0	87.3
20	95	61	109	8	10	9.3	76.7	134.6

20	134	77	132	17.2	8	9.6	73.3	130.4
20	35	242	105	9.6	4	8.4	66.0	94.3
20	18.2	162	48	3.5	6	8.1	74.1	82.9
20	10	154	101	9.1	5.5	8.5	67.4	97.3
20	10.4	121	86	6.3	7	8.6	72.0	86.2
20	23	86	114	8.6	9	9.4	70.7	95.7
20	24	170	82	7.4	4.5	8.5	67.0	114.2
20	18	78	50	3.8	6	7.9	65.9	69.1
20		76	98	9.2	1.3	8.7	54.3	59.9
20	9	223	37	2.8	2	8.1	70.5	83.5
20	12	310	79	6.9	1	8.5	64.0	80.8
20	22	386	7	0.5	2	7.7	75.3	111.2
20	10.6	369	45	4.4	0	8	68.3	92.6
20	25.4	390	27	1.9	7.8	7.9	68.3	92.3
20	10	355	25	1.9	1	7.7	75.6	90.4
20	3	101	43	3.2	2	8	58.6	102.5
20	11	206	53	4.8	1	8	62.7	69.5
20	18	125	6	0.5	10	7.2	58.9	57.5
20	7	134	35	3.3	2	8.3	47.3	61.3
20	5	204	48	3.5	6	7.8	66.9	79.3
20	9	200	22	1.9	1.8	8.1	59.8	86.4
20	8	175	68	5	3	8	68.8	81.5
20	10	220	40	3.7	7	8.1	59.1	69.1
20	17	78	84	7.7	3	8.5	57.0	101.1
20	26	86	52	4.7	3.2	8	64.3	82.6
20	5	286	52	3.6	1	7.7	75.3	80.8
20	5	250	70	6.1	0.5	8.2	62.1	82.4
20		320	55	4	5	7.8	81.0	91.9
20	12	222	25	2.3		8.6	62.2	69.5
20	27	75	90	8.2	3	8.7	55.3	121.5
20	13	74	73	5.4	3.5	8.2	62.7	111.2
20	12	31	94	8.6	2	9.1	47.2	86.9
20	14	49	85.1	6.4	6	8.5	62.5	55.7
20	14	115	57	4.3	15.6	7.9	76.2	86.7
20	12	125	66	6.2	2	8.4	57.0	77.9
20	14	96	13	1	2	7.8	86.7	101.1
20	7.6	97	100	8.9	1.3	8.8	78.1	92.3

20	7	132	50	4.1	15	7.9	66.7	134.5
20	11	190	32	3	1.3	8.4	54.7	101.4
20	20		120	8.8	9	8.9	79.5	75.8
20		190	73	6.5		8.6	66.3	68.6
20	55	345	88	6.4	23	8.6	91.2	96.2
20		290	51	4.6	15	8.4	80.3	97.1
20	18	80	62	5.6	3	8.7	77.4	121.1
20	20	130	74	5.9	2	8.3	74.1	121.1
20	9.8	184	42.5	3	1	8.5	77.1	89.5
20	69	330	69	6.2	1	8	72.0	81.5
20	17.6	265	12	1	10	7.9	86.3	102.7
20	25	205	76	6.9	1	8.6	71.4	93.1
20	39	250	32	2.9	5	8.2	61.0	81.5
20	13	204	29	2.2	1.3	7.4	70.8	76.5
20	17	279	150	10	25	8.6	81.3	86.7
20	5	420	31	2.8	1	8.7	69.3	90.1
20	25	126	155	11.1	6	8.9	74.3	79.3
20	14	160	79	6.6	5	8.2	59.3	69.1
20		167	22	1.7	9	8.1	111.1	55.7
20	8	190	27	2.5	1	8.4	57.0	88.9
20	3	85	132	9.5	11	8.6	81.7	80.6
20	9	112	79	7	5	8.4	76.2	75.2
20	9	164	74	5.1	5.1	8.1	71.2	71.6
20	9	190	58	5.3	0	8.4	59.6	66.1
20	21	183	94	6.4	1	8.1	86.5	66.7
20	26	280	56	5.1	2	8.3	67.1	81.7
20	10	105	77	5.5	4	8.3	67.0	81.7
20	34	190	67	6	5	8.4	60.3	69.1
20	7.4	49	100	8.6	3	8.6	73.4	90.5
20	1	36	130	9.4	3	8.7	76.9	88.3
20		67	147	10		8.8	85.8	82.6
20	1	60	104	9.1	0.5	8.8	61.5	79.0
20		72.9	104	7.9	15.8	8.4	82.6	85.3
20	28.2	153	60	5.1	9.3	8.6	73.1	80.6
20		71	31	2.4	32	7.9	82.6	90.4
20	26	160	116	10			75.5	89.5
20	1	120	92	8.1	11	8.6	80.0	89.8



20		56	14	1.5	18	7.7	85.2	88.4
20		109	99	7		8.3	67.3	102.7
20	6	223	82	7.3	3	8.6	60.4	67.2
20		55	60	6.5	7	8.2	76.5	84.7
20	12.2	170	89	7.9	5	8.6	60.1	71.2
20		51.9	85	5.5	3.4	8.3	69.8	84.7
20	13.6	160	67	6	4.4	8.4	61.5	76.8
20		40.9	66	5.1	3.4	8.1	70.8	83.7
20	50	120	117	10.3	7	8.4	60.4	59.9
20		248	75	5.9	5	8.4	76.3	86.7
20		225	33	2.8	1	8.1	64.7	76.2
20		404	77	5.9	16	8.2	83.2	83.7
20	9.8	269	19	1.6	0.7	7.9	64.4	68.1
20		320	24	1.9	13	7.9	76.5	85.1
20	13.5	240	13	1.1	3.5	7.9	61.9	68.6
20		222	63	4.9	5	8.2	72.4	108.7
20	16.7	210	42	3.5	2	8.1	59.3	73.8
20		153	68	4.9	22	8.1	74.1	83.7
20	17.6	163	54	4.5	5.5	8.2	65.9	80.6
20		130	105	8.1	17	8.2	91.5	94.0
20	91	147	37	3.2	6.4	8.2	67.0	100.9
20		161	70	5.5	39	8	85.4	98.5
20	33	124	57	5	12	8.2	62.1	69.5
20		261	52	3.8	100	7.6	70.7	116.2
20	4.5	223	30	2.4	1.7	7.8	66.7	108.5
20		303	37	3	24	7.9	73.4	107.8
20	6.9	236	32	2.7	1.3	7.9	63.1	80.8
20	33	216	95	7.1	3.2	8.3	67.6	80.3
20		210	170	10.7	3.7	8.7	67.9	77.9
20		421	34	2.9	140	7.9	97.4	163.3
20	47	304	14	1.2	15	8.1	74.9	127.2
20		239	78	5.9	6	8.7	73.5	109.0
20	50	219	98	7.5	12	8.8	65.9	109.2
20	200	290	340	25	7.2	9.3	88.9	105.8
20		314	37	2.6	2.1	7.8	75.4	86.9
20		242	196	12	9.4	9.02	74.5	118.1
20	50	172	147	12.2	10	9.7	66.5	116.7

20	52	254	133	9.5	34	8.6	93.8	87.3

TSI_Chla	TSI	TSI_Limit	TSI_Grade	Problem	Season	Water_Temp	24hr_precip
70.7	73.9	60	High	TP+TN+Chla	Dry	26.3	0.8
56.2	66.0	60	OK	TP+TN	Dry	30.9	0
52.5	66.0	60	OK	TP	Wet	23.4	0
38.1	52.2	60	Good	OK	Wet		0.8
77.7	83.2	60	Very High	TP+TN+Chla	Dry	26.3	0.8
69.8	80.0	60	Very High	TP+TN+Chla	Dry	31.1	0
73.9	77.9	60	High	TP+TN+Chla	Wet	23.5	0
64.3	73.0	60	High	TP+TN+Chla	Wet	31.2	0.8
63.7	78.9	60	High	TP+TN+Chla	Dry	30.7	0
69.0	73.7	60	High	TP+TN+Chla	Dry	27.5	0.8
66.7	72.7	60	High	TP+TN+Chla	Wet	23.5	0
62.0	70.4	60	High	TP+TN	Wet	31.5	0.8
58.7	68.8	60	High	TP+Chla	Wet	29.6	0.1
40.5	60.6	60	OK	TP	Dry	19.6	0.55
54.3	64.1	60	OK	TP+TN	Wet	28.9	1
32.1	51.1	60	Good	TP	Dry	18.2	0.55
68.9	93.6	60	Very High	TP+TN+Chla	Dry	17.9	0.55
81.8	82.6	60	Very High	TP+TN+Chla	Wet	29.5	0.1
79.0	78.4	60	Very High	TP+TN+Chla	Wet	30.1	0.1
71.4	77.5	60	Very High	TP+TN+Chla	Dry		0.6
75.2	104.1	60	Very High	TP+TN+Chla	Wet	31.5	0.1
60.4	91.1	60	Very High	TP+TN	Dry	22.4	0.55
48.3	67.4	60	High	TP+TN	Wet	31.1	0.1
39.1	62.8	60	Slightly	TP+TN	Dry	18.3	0.55
76.5	81.9	60	Very High	TP+TN+Chla	Dry	20	0.55
71.3	79.5	60	Very High	TP+TN+Chla	Wet	31	0.1
63.8	75.6	60	High	TP+TN	Wet	32.8	0.1
48.9	70.0	60	High	TP+TN	Dry	21.8	0.55
46.4	67.5	60	High	TP+TN	Wet	34.1	0.1
23.6	44.6	60	Good	TN	Dry	22	0.55
60.4	77.8	60	Very High	TP+TN	Wet	34.7	0.1
57.4	71.6	60	High	TP+TN	Dry	20.7	0.55
76.9	79.7	60	Very High	TP+TN+Chla	Wet	31.1	0.1
64.9	67.3	60	High	TP+TN+Chla	Dry	18.5	0.55
42.1	65.8	60	High	TP+TN	Wet	32.6	0.1
28.8	59.0	60	OK	TP+TN	Dry	21.4	0.55
80.6	97.3	60	Very High	TP+TN+Chla	Wet	31.4	0.1

83.0	95.6	60	Very High	TP+TN+Chla	Dry	20.6	0.55
66.2	75.5	60	High	TP+TN+Chla	Dry	19.5	0.55
67.2	74.7	60	High	TP+TN	Wet	31.1	0.1
70.3	78.3	60	Very High	TP+TN+Chla	Dry	20	0.55
65.6	74.6	60	High	TP+TN	Wet	31.4	0.1
70.4	78.9	60	Very High	TP+TN+Chla	Wet	30.2	0.1
52.0	77.7	60	Very High	TP+TN	Dry	20.5	0.55
63.2	66.0	60	High	TP+TN+Chla	Wet	29.9	0.1
47.6	53.9	60	Good	OK	Dry	18.2	0.55
56.0	70.0	60	High	TP+TN	Wet	30.4	0.1
39.1	61.3	60	Slightly	TP+TN	Dry	21.1	0.55
48.4	78.3	60	Very High	TP+TN	Wet	28.2	0.1
24.4	61.8	60	Slightly	TP+TN	Dry	17.3	0.55
59.9	73.5	60	High	TP+TN	Dry	18.9	0.55
44.6	70.2	60	High	TP+TN	Wet	28.9	0.1
42.4	67.8	60	High	TP	Wet	29.8	0.1
51.1	61.1	60	Slightly	TP+TN	Dry	19.8	0.55
62.9	59.8	60	OK	OK	Wet	30	0.1
41.6	50.1	60	Good	TP	Dry	19.1	0.55
45.6	63.9	60	Slightly	TP+TN	Wet	31.2	0.1
43.3	63.2	60	Slightly	TP	Dry	20.4	0.4
46.7	65.7	60	High	TP+TN	Wet	31.3	0.1
46.0	58.1	60	OK	TP	Dry	19.7	0.4
69.6	75.9	60	High	TP+Chla	Dry	19.2	0.55
68.2	71.7	60	High	TP+TN+Chla	Wet	30.1	0.1
58.1	71.4	60	High	TP+TN	Wet	31.2	0.1
26.0	56.8	60	OK	TP+TN	Dry	20.3	0.4
48.4	73.8	60	High	TP+TN	Wet	30.3	0.1
36.4	56.1	60	OK	TP+TN	Dry	20.2	0.4
59.4	78.7	60	Very High	TP	Dry	19.1	0.55
60.2	78.0	60	Very High	TP+TN	Wet	30.1	0.1
51.3	61.8	60	Slightly	TP	Dry	19.8	0.55
66.5	61.6	60	Slightly	TN+Chla	Wet	29.5	0.1
71.2	78.0	60	Very High	TP+TN+Chla	Wet	29.8	0.1
51.1	62.0	60	Slightly	TP	Dry	18.5	0.55
54.7	80.8	60	Very High	TP+TN	Wet	28	0.1
31.1	67.2	60	High	TP+TN	Dry	19.5	0.5

44.0	81.7	60	Very High	TP+TN	Wet	30.5	0.1
54.4	70.2	60	High	TP	Dry	18.7	0.4
70.6	75.3	60	High	TP+TN	Wet	31.7	0.1
54.9	63.3	60	Slightly	TP+TN	Dry	20.6	0.4
72.6	86.7	60	Very High	TP+TN+Chla	Wet	30.6	0.1
81.2	86.2	60	Very High	TP+TN+Chla	Dry	19.3	0.4
60.3	86.3	60	Very High	TP+TN	Dry	20	0.4
62.3	85.9	60	Very High	TP+TN+Chla	Wet	31	0.1
55.0	73.9	60	High	TP+TN	Wet	30.3	0.1
27.5	60.3	60	OK	TP+TN	Dry	19.6	0.55
52.1	80.4	60	Very High	TP+TN	Wet	28.2	0.1
33.1	65.9	60	High	TP+TN	Dry	18.4	0.55
69.3	70.6	60	High	TP+TN+Chla	Dry	19.8	0.4
62.1	69.8	60	High	TP+TN+Chla	Wet	29.4	0.1
70.1	79.4	60	Very High	TP+TN+Chla	Wet	33.3	0.1
51.2	70.2	60	High	TP+TN	Dry	19.5	0.4
71.9	75.2	60	High	TP+TN	Wet	32.7	0.1
58.7	62.3	60	Slightly	TP	Dry	21.2	0.4
51.7	72.9	60	High	TN	Wet	30.4	0.1
41.1	62.3	60	Slightly	TP	Dry	20.5	0.4
50.9	71.1	60	High	TP+TN	Wet	32.4	0.1
59.4	70.3	60	High	TP+TN	Dry	20.2	0.4
54.2	65.7	60	High	TP+TN	Wet	32.4	0.1
44.0	56.6	60	OK	TP	Dry	19.7	0.4
61.4	71.5	60	High	TP+TN	Wet	31.4	0.1
64.9	71.3	60	High	TP+TN+Chla	Dry	19.7	0.4
49.4	66.0	60	High	TP+TN	Wet	33.4	0.1
62.6	64.0	60	Slightly	TP+Chla	Dry	20.6	0.4
59.4	74.4	60	High	TP+TN	Dry	21.5	0.4
47.8	71.0	60	High	TP+TN	Wet	33.2	0.1
47.8	72.1	60	High	TP+TN	Wet	34.8	0.1
44.8	61.8	60	Slightly	TP+TN	Dry	21.5	0.4
62.5	76.8	60	Very High	TP+TN+Chla	Wet	28.8	0.1
54.4	69.3	60	High	TP+TN	Dry	23	0.53
73.3	82.1	60	Very High	TP+TN+Chla	Wet	29.5	0.1
71.6	78.9	60	Very High	TP+TN+Chla	Dry	21	0.4
71.1	80.3	60	Very High	TP+TN+Chla	Dry	20.6	0.4

45.6	73.1	60	High	TP+TN	Wet	29.4	0.1
64.5	78.2	60	Very High	TP+TN+Chla	Wet	33.5	0.1
60.8	62.8	60	Slightly	TP	Dry	21	0.4
64.6	75.2	60	High	TP+TN	Wet	29.8	0.1
52.0	61.1	60	Slightly	TP	Dry	21	0.4
52.5	69.0	60	High	TP+TN	Wet	29.1	0.1
56.8	65.0	60	High	TP+TN	Dry	20.6	0.4
50.0	68.1	60	High	TP+TN	Wet	29.3	0.1
47.1	55.8	60	Good	OK	Dry	21.5	0.4
55.8	73.0	60	High	TP+TN	Wet	29	0.1
32.6	57.8	60	OK	TP+TN	Dry	23	0.53
54.3	73.7	60	High	TP+TN	Wet	29.1	0.1
45.4	59.3	60	OK	TP+TN	Dry	21.7	0.53
51.8	71.1	60	High	TP+TN	Wet	28.2	0.1
49.8	60.1	60	OK	TP+TN	Dry	22.1	0.53
54.0	78.4	60	Very High	TP+TN	Wet	29.4	0.1
54.3	62.5	60	Slightly	TP	Dry	23	0.53
63.7	73.8	60	High	TP+TN	Wet	29.2	0.1
57.7	68.0	60	High	TP+TN	Dry	23.4	0.53
93.4	93.0	60	Very High	TP+TN+Chla	Wet	28.7	0.1
77.2	81.7	60	Very High	TP+TN+Chla	Dry	22.2	0.53
86.4	90.1	60	Very High	TP+TN+Chla	Wet	28.2	0.1
66.4	66.0	60	High	TP+TN+Chla	Dry	22	0.53
46.7	77.9	60	Very High	TP+TN	Wet	31.1	0.1
37.1	70.8	60	High	TP+TN	Dry	23.8	0.53
43.5	74.9	60	High	TP+TN	Wet	30.5	0.1
57.4	67.1	60	High	TP+TN	Dry	22.4	0.53
57.4	68.5	60	High	TP+TN	Dry	22.7	0.53
46.4	64.1	60	Slightly	TP+TN	Wet	30.9	0.1
89.8	116.8	60	Very High	TP+TN+Chla	Wet	29.6	0.1
84.8	95.6	60	Very High	TP+TN+Chla	Dry	21.1	0.53
63.8	82.1	60	Very High	TP+TN+Chla	Wet	30.2	0.1
65.2	80.1	60	Very High	TP+TN+Chla	Dry	24.9	0.53
97.9	97.5	60	Very High	TP+TN+Chla	Dry	25.3	0.53
40.0	67.4	60	High	TP+TN	Wet	31.8	0.1
64.5	85.7	60	Very High	TP+TN+Chla	Wet	33.2	0.1
72.1	85.1	60	Very High	TP+TN+Chla	Dry	24.9	0.53

83.2719858	88.1	60				31.3	1

48hr_precip	Pheophytin
0.8	
0	
0	
0.8	
0.8	70.3
0	14.2
0	26.4
0.8	22.2
0	8.7
0.8	14.4
0	19.9
0.8	11.8
0.4	40
0.55	14.1
1	7.1
0.55	2.6
0.55	18.8
0.4	48
0.4	40
0.6	33.6
0.4	34
0.55	16.9
0.4	11
0.55	4.6
0.55	28
0.4	16
0.4	17.1
0.55	9.3
0.4	6.8
0.55	1.1
0.4	8.4
0.55	8.2
0.4	25
0.55	15.3
0.4	4.8
0.55	1.5
0.4	58



0.55	45.2
0.55	13.8
0.4	25
0.55	18.3
0.4	20
0.4	37.7
0.55	8.8
0.4	23
0.55	6.5
0.1	8.4
0.55	4.1
0.4	6.9
0.55	1.5
0.55	
0.4	5
0.4	4.8
0.55	6
0.1	11.8
0.55	
0.1	5.2
0.4	
0.1	5.9
0.4	
0.55	30.5
0.4	23
0.1	15.1
0.4	
0.1	6.7
0.4	
0.55	12.8
0.4	19.4
0.55	8.1
0.4	17.1
0.4	14.4
0.55	8.83
0.4	4.3
0.55	1.7

0.1	9.2
0.4	
0.1	8.6
0.4	
0.1	35.8
0.4	
0.4	
0.1	14.7
0.4	6.7
0.55	1.8
0.4	19.2
0.55	1.6
0.4	
0.1	12.8
0.1	11.2
0.4	
0.1	13.7
0.4	
0.1	9.2
0.4	
0.1	5
0.4	
0.1	6.6
0.4	
0.1	9
0.4	
0.1	6.9
0.4	
0.4	
0.1	5
0.1	9.3
0.4	
0.3	6.5
0.53	
0.3	15
0.4	
0.4	

0.4	15
0.1	11.4
0.4	
0.3	12
0.4	
0.3	3
0.4	
0.3	4
0.4	
0.3	6
0.53	
0.3	2.6
0.53	
0.3	5.5
0.53	
0.3	5.3
0.53	
0.3	9.4
0.53	
0.3	52.8
0.53	
0.3	112.6
0.53	
0.3	4.9
0.53	
0.3	7.2
0.53	
0.53	
0.3	6
0.3	60.5
0.53	
0.3	13.7
0.53	
0.53	
0.3	4.6
0.3	26.7
0.53	

1	30.7

SiteMeans	Ammonia_1	Nox_1	TKN_1	IN_1	TN_1	OP_1	TP_1	Salinity_Field_1
SCL12	0.025	0.0495	1.35	0.0745	1.395	0.1065	0.122	2.75
SCL09	0.189	0.0515	2.555	0.2405	2.61	0.0235	0.034	17.85
SCL19	0.033	0.004	2.255	0.037	2.255	0.0975	0.27	3.05
SCL65	0.273	0.038	1.875	0.311	1.91	0.3245	0.429	14.75
SCL28	0.0305	0.0125	2.445	0.043	2.455	0.0635	0.091	1.45
SCL06	0.0335	0.004	1.81	0.0375	1.81	0.0855	0.094	1.4
SCL24	0.036	0.022	1.45	0.058	1.47	0.0465	0.0875	1.5
SCL38	0.2735	0.0055	3.4	0.279	3.405	0.164	0.1995	6.55
SCL25	0.032	0.0055	1.535	0.0375	1.54	0.04	0.0605	0.6
SCL48	0.033	0.0715	2.845	0.1045	2.915	0.029	0.0775	0.8
SCL37	0.1625	0.0135	2.555	0.176	2.57	0.077	0.1015	3.35
SCL02	0.0119	0.007	1.45	0.0189	1.46	0.023	0.037	0.45
SCL32	0.0225	0.004	3.89	0.0265	3.89	0.103	0.186	10.6
SCL21	0.1055	0.004	1.27	0.1095	1.27	0.0455	0.1445	0.9
SCL42	0.036	0.006	8.625	0.042	8.625	0.053	0.0695	0.65
SCL57	0.0715	0.023	2.15	0.0945	2.17	0.042	0.083	1.3
SCL56	0.012	0.0115	1.67	0.0235	1.68	0.049	0.0575	0.75
SCL27	0.024	0.012	1.995	0.036	2.005	0.054	0.0805	6.35
SCL18	0.022	0.0115	1.775	0.0335	1.79	0.0625	0.083	1.35
SCL44	0.0295	0.03	1.65	0.0595	1.68	0.0385	0.041	1.05
SCL33	0.039	0.01	1.318	0.049	1.328	0.3675	0.8065	0.65
SCL58	0.0835	0.004	2.74	0.0875	2.74	0.055	0.0645	1.95
SCL59	0.0515	0.004	1.83	0.0555	2.08	0.0625	0.0685	1.3
SCL66	0.338	0.0175	1.905	0.3555	1.92	0.0875	0.2025	1.8
SCL01	0.0175	0.004	1.16	0.0215	1.16	0.0575	0.101	1.1
SCL67	0.0485	0.004	1.81	0.0525	1.81	0.0595	0.0705	27.75
SCL60	0.0425	0.004	1.735	0.0465	1.735	0.0805	0.1995	1.15
SCL20	0.0765	0.004	2.275	0.0805	2.275	0.1185	0.136	2.1
SCL47	0.018	0.0045	2.645	0.0225	2.645	0.083	0.1225	3.7
SCL55	0.0265	0.004	1.665	0.0305	1.665	0.0475	0.0785	0.6
SCL43	0.5915	0.009	3.21	0.6005	3.22	0.0485	0.0665	1.05
SCL23	0.0205	0.011	0.892	0.0315	0.9025	0.018	0.0245	0.25
SCL17	0.0955	0.007	1.279	0.1025	1.284	0.008	0.033	0.25
SCL46	0.019	0.004	1.49	0.023	1.49	0.053	0.061	0.75
SCL08	0.0315	0.0115	2.14	0.043	2.15	0.081	0.138	5.05
DevittPnd	0.023	0.006	1.82	0.028	1.818	0.019	0.053	1.3
SCL10	0.0265	0.004	2	0.0305	2	0.097	0.1775	1.8
SCL50	0.038	0.004	3.1	0.042	3.1	0.0425	0.087	1.15
SCL54	0.013	0.004	2.015	0.015	2.02	0.0545	0.0705	0.55
SCL29	0.0665	0.0275	1.1585	0.094	1.1835	0.459	0.5415	0.4
SCL30	0.0425	0.0135	1.006	0.056	1.016	0.013	0.0635	0.4
SCL62	0.0415	0.004	2.07	0.0455	2.07	0.076	0.083	1.05
SCL36	0.014	0.0715	2.67	0.0855	2.725	0.396	0.6725	0.75
SCL53	0.034	0.004	1.51	0.038	1.51	0.028	0.1435	0.5

SCL45	0.1635	0.0425	3.165	0.206	3.205	0.036	0.0585	1.6
SCL52	0.1785	0.009	3.875	0.1875	3.87	0.0975	0.1205	3.75
SCL40	0.028	0.004	2.775	0.032	2.775	0.0705	0.1165	1.4
SCL16	0.029	0.004	1.92	0.033	1.92	0.202	0.318	0.5
SCL31	0.022	0.004	1.91	0.026	1.91	0.033	0.086	0.3
SCL69	0.0435	0.0045	2.035	0.048	2.035	0.2885	0.3525	1.45
SCL34	0.0345	0.007	2.47	0.0415	2.475	0.029	0.0495	1.05
DLHS	0.0235	0.02525	2.28	0.04875	2.3025	0.08025	0.12225	3.5
SCL39	0.0265	0.008	1.695	0.0345	1.7	0.062	0.0705	1.05
SCL14	0.032	0.004	2.08	0.036	2.08	0.0875	0.1225	1.05
SCL41	0.015	0.0045	1.845	0.0195	1.85	0.033	0.056	0.8
SCL15	0.021	0.004	2.01	0.025	2.01	0.088	0.145	0.55
SCL71	0.0405	0.004	2.12	0.0445	2.12	0.3905	0.5515	0.75
SCL26	0.018	0.004	1.285	0.022	1.285	0.101	0.1575	0.4
SCL05	0.047	1.765	1.95	1.812	3.715	1.965	2.44	0.9
SCL11	0.035	0.007	1.66	0.042	1.665	0.073	0.1	1.4
DL09	0.08725	0.0115	2.865	0.09875	2.875	0.06675	0.11975	3.625
SCL51	0.047	0.007	3.2	0.054	3.255	0.094	0.126	5
SCL07	0.051	0.01	2.795	0.061	2.805	0.0855	0.147	2.15
SCL04	0.0335	0.004	2.02	0.0375	2.02	0.0395	0.124	0.7
SCL03	0.233	0.1305	2.605	0.3635	2.735	0.6325	0.832	0.95
SCL35	0.031	0.0045	4.66	0.0355	4.665	0.085	0.1805	3.3
SCL64	0.0615	0.004	2.89	0.0655	2.89	0.044	0.1205	0.35
SCL13	0.125	0.2735	2.35	0.3985	2.62	0.885	1.25	0.9
SCL72	0.056	0.01	6.72	0.066	6.73	0.068	0.109	7
SCL63	0.0445	0.025	3.85	0.0695	3.875	0.1295	0.192	0.45
SCL68	2.79	0.008	5.34	2.798	5.345	1.9985	3.711	2.35
SCL70	0.0395	0.004	3.97	0.0435	3.97	0.092	0.201	20.4
Mean	0.1057034722	0.04194	2.3934861111	0.147616	2.43679	0.16385	0.25545	2.811805555555556

Chla_Cor_1	Chla_probe_1	CDOM_1	DO%_1	DO_mg/l_1	Turb_1	pH_1	TSI_TN_1	TSI_TP_1
4.05	4.5	173.5	58.5	4.85	1	7.9	62.5	89.25
4.7	3.5	156	90.35	6.55	1.5	7.85	73.9	59.15
5.35	16.3	377.5	26	2.45	1	7.85	71.8	101.9
6.05	4.5	242	41	3.1	50.85	7.7	68.7	112.35
6.45	12	271	40	3.15	5	8.2	71.6	80.7
6.8	14.1	263	28.5	2.5	1.5	7.9	67.25	84.4
6.85	7	202	35	2.7	3.9	7.95	63.35	82.85
7.35	21.3	235	44	3.95	5.5	8.25	78.85	97.9
7.8	9	197.5	54	4.35	5	8.05	63.95	75.3
7.8	1	63.5	125.5	9.55	0.5	8.8	73.65	80.8
8.15	39.4	257	55.75	4.6	1	8.25	74.55	85.5
8.2	27	177	50	4.4	2.3	8.4	62.9	66.7
8.3	10.8	96.5	56.5	4.95	1.65	8.3	82.4	96.7
8.35	7	153.5	48	4	1.5	8	60.65	86
8.35	8	178.5	24.5	2.1	5	8.25	84.05	72.3
9	*	236.5	54	4.35	3	8.25	70.5	81.45
9.1	50	80.45	91.5	7.7	5.2	8.25	65.6	71.8
9.75	5	268	61	4.85	0.75	7.95	68.7	81.6
9.95	10.5	266.5	58	4.85	1.5	8.3	67.25	82.15
10	9	177	66	5.2	2.55	8.25	65.4	68.85
10.1	9	161	41	3.55	8.15	8.15	60.7	117.95
10.4	9.8	336.5	48	3.75	8.35	8.05	73.8	75.9
10.65	13.5	280	18.5	1.5	8.25	7.9	69.2	76.85
11.6	6.9	269.5	34.5	2.85	12.65	7.9	68.25	94.3
11.75	9.1	71	25	2.15	3.5	7.75	58.9	85.75
12.3	33	213	132.5	8.9	3.45	8.5	67.75	79.1
13.35	16.7	216	52.5	4.2	3.5	8.15	65.85	91.25
13.45	17.7	372.5	26	1.9	4.4	7.8	71.95	91.35
13.9	4.2	42.5	115	9	3	8.65	75.15	89.4
14	13.6	105.95	76	5.75	3.9	8.35	65.65	80.75
15	6	98.5	105.5	8.25	8	8.5	78.95	77.9
15.1	12.5	129.5	20.5	1.9	6	7.75	53.1	59.4
16.75	18	77	74	6.5	3.65	8.3	60.1	64.5
16.8	22	147.5	72	5.75	4.5	8.35	63.65	75.4
17.75	11	159	87	6.85	3.5	8.05	70.7	91.35
18.5		136.6	79.7	6.4	7.2	9.1	67.4	71.8
18.7	6	118.5	89.5	6.8	3.1	8.5	69.5	95.7
18.75	28.2	112.95	82	6.5	12.55	8.5	77.85	82.95
19.55	12.2	112.5	74.5	7.2	6	8.4	68.3	77.95
19.8	20	74.5	81.5	6.8	3.25	8.45	59	116.35
21.25	13	40	89.55	7.5	4	8.8	54.85	71.3
21.55	17.6	158	61	4.7	13.75	8.15	70	82.15
22.05	19	105	68	5.75	2.5	8.5	75.75	121.1
24.3	6	166	90.5	7.15	3	8.45	63.85	84.95





TSI_Chla_1	TSI_1	WatTemp
35.45	62.4	27
35	56.05	28.05
36.4	70.05	22.75
41.9	74.35	27.45
42.4	64.95	25.25
43.7	65.1	24.7
44.45	63.55	25.8
42.6	73.15	23.3
46.35	61.9	25.5
46.3	66.95	28.15
41.25	67.1	24.95
43.2	57.6	23.6
42.9	74	23.75
46.75	64.45	24.8
46.4	67.6	25.45
44.2	65.4	26
48.55	61.95	25.4
42.05	64.1	25.75
47.55	65.65	25.75
49.1	61.15	26.05
49.2	75.95	24.6
49.85	66.5	25.4
50.8	65.6	25.15
50.45	71	26.45
49.6	64.7	24.6
51.9	66.3	26.8
54.15	70.45	26.2
52.25	71.85	23.9
53.6	72.7	27.35
54.65	67	24.85
55.15	70.7	26.3
52.25	54.95	24.55
55.4	59.95	24.05
56	65	27
56.35	72.8	27.3
54.4	64.5	26.9
58.9	74.7	27.7
58.45	73.05	25.9
58.3	68.15	25.4
59.8	78.35	24.6
58.9	61.7	24.65
60.7	70.9	26.3
61.3	86.1	25.5
62.65	70.5	27.25

63.15	71.4	25.55
58.35	76.7	25
60.65	74.8	26.4
61.2	78.3	25.35
61.15	70	24.15
64.5	81.1	27.55
62.75	69.3	26.15
65.3	73.9	28.3
65.7	70.2	24.6
66.7	75.1	25.3
65.3	68.75	26.95
67.95	76.45	25.7
68.3	85.4	29.05
68.9	73.8	24.65
67.8	97.6	26.95
70.9	73.5	24.8
71.4	78.5	28.0
72.45	80.5	25.25
73.9	80.7	25.5
75.2	77.95	30.1
75.35	88.1	23.7
76.9	86.45	24.95
76.4	78.05	25.1
81.8	96.45	26
83.3	88.1	31.3
85.3	87.35	25.45
87.3	106.2	25.35
68.95	82.45	28.55
57.75474532	72.4725	

Station	Latitude	Longitude	Sample_1	Sample_2	IN_D	IN_W	TN_D	TN_W	OP_D	OP_W
SCL01	26.452295	-82.017868	2/18/16	8/3/16	0.020	0.023	1.09	1.23	0.051	0.064
SCL02	26.445536	-82.040580	2/18/16		0.020		1.14		0.029	
SCL03	26.443381	-82.043321	2/18/16	8/3/16	0.534	0.193	2.68	2.79	1.15	0.115
SCL04	26.444057	-82.044043	2/18/16	8/3/16	0.020	0.055	1.77	2.27	0.048	0.031
SCL05	26.445706	-82.045700	2/18/16	8/3/16	1.179	2.445	2.87	4.56	1.12	2.81
SCL06	26.444516	-82.050828	2/18/16	8/3/16	0.020	0.055	1.42	2.2	0.097	0.074
SCL07	26.453000	-82.042275	2/18/16	8/3/16	0.020	0.102	2.3	3.31	0.093	0.078
SCL08	26.455145	-82.052543	2/18/16	8/3/16	0.035	0.051	1.7	2.6	0.102	0.06
SCL09	26.461960	-82.051640	2/18/16	8/3/16	0.095	0.386	1.77	3.45	0.009	0.038
SCL10	26.445422	-82.055339	2/18/16	8/3/16	0.020	0.041	1.72	2.28	0.078	0.116
SCL11	26.444650	-82.058155	2/18/16	8/3/16	0.036	0.048	1.29	2.04	0.031	0.115
SCL12	26.444119	-82.066754	2/18/16	8/3/16	0.111	0.038	1.29	1.5	0.108	0.105
SCL13	26.439099	-82.051512	2/18/16	8/3/16	0.020	0.777	2.4	2.84	0.65	1.12
SCL14	26.436144	-82.054808	2/18/16	8/3/16	0.020	0.052	1.66	2.5	0.108	0.067
SCL15	26.429778	-82.059424	2/18/16	8/3/16	0.020	0.03	1.78	2.24	0.102	0.074
SCL16	26.432655	-82.050086	2/18/16	8/3/16	0.020	0.046	1.74	2.1	0.276	0.128
SCL17	26.428611	-82.062125	2/18/16	8/3/16	0.020	0.185	0.918	1.65	0.003	0.013
SCL18	26.436039	-82.065347	2/18/16	8/4/16	0.021	0.046	1.5	2.08	0.062	0.063
SCL19	26.426186	-82.064606	2/18/16	8/3/16	0.020	0.054	1.86	2.65	0.074	0.121
SCL20	26.427517	-82.066690	2/18/16	8/3/16	0.062	0.099	1.86	2.69	0.118	0.119
SCL21	26.425594	-82.067563	2/18/16	8/3/16	0.140	0.079	1.4	1.14	0.034	0.057
SCL23	26.437349	-82.068377	2/25/16	8/4/16	0.019	0.044	0.645	1.16	0.021	0.015
SCL24	26.436210	-82.069462	2/25/16	8/4/16	0.065	0.051	1.21	1.73	0.051	0.042
SCL25	26.439150	-82.070397	2/25/16	8/4/16	0.037	0.038	1.17	1.91	0.031	0.049
SCL26	26.424932	-82.071106	2/18/16	8/3/16	0.020	0.024	1.05	1.52	0.146	0.056
SCL27	26.441244	-82.074078	2/25/16	8/4/16	0.022	0.05	1.36	2.65	0.078	0.03
SCL28	26.435874	-82.074347	2/25/16	8/4/16	0.012	0.074	1.37	3.54	0.028	0.099
SCL29	26.423369	-82.076018	2/18/16	8/3/16	0.020	0.168	0.967	1.4	0.543	0.375
SCL30	26.422682	-82.077340	2/18/16	8/3/16	0.020	0.092	0.642	1.39	0.017	0.009
SCL31	26.433610	-82.078797	2/18/16	8/3/16	0.020	0.032	1.05	2.77	0.028	0.038
SCL32	26.428133	-82.081982	2/18/16	8/3/16	0.020	0.033	3.06	4.72	0.084	0.122
SCL33	26.423515	-82.082726	2/25/16	8/4/16	0.012	0.086	0.936	1.72	0.169	0.566
SCL34	26.424991	-82.084426	2/25/16	8/4/16	0.012	0.071	1.68	3.27	0.017	0.041
SCL35	26.425197	-82.086475	2/25/16	8/4/16	0.012	0.059	3.41	5.92	0.09	0.08
SCL36	26.423374	-82.086742	2/25/16	8/4/16	0.045	0.126	2.95	2.5	0.317	0.475
SCL37	26.431124	-82.087076	2/18/16	8/3/16	0.297	0.055	2.24	2.9	0.064	0.09
SCL38	26.428176	-82.087835	2/18/16	8/3/16	0.020	0.538	2.18	4.63	0.089	0.239
SCL39	26.424398	-82.088546	2/25/16	8/4/16	0.012	0.057	1.29	2.11	0.074	0.05

SCL40	26.427240	-82.089799	2/25/16	8/4/16	0.012	0.052	1.96	3.59	0.103	0.038
SCL41	26.426526	-82.091700	2/25/16	8/4/16	0.012	0.027	1.18	2.52	0.029	0.037
SCL42	26.425235	-82.091716	2/25/16	8/4/16	0.012	0.072	1.05	16.2	0.104	0.002
SCL43	26.426256	-82.093122	2/25/16	8/4/16	1.161	0.04	2.77	3.67	0.056	0.041
SCL44	26.430828	-82.093757	2/25/16	8/4/16	0.064	0.055	1.2	2.16	0.031	0.046
SCL45	26.430665	-82.094339	2/25/16	8/4/16	0.162	0.25	1.75	4.66	0.053	0.019
SCL46	26.428986	-82.096201	2/25/16	8/4/16	0.012	0.034	1.24	1.74	0.039	0.067
SCL47	26.433161	-82.096812	2/25/16	8/4/16	0.012	0.033	2.41	2.88	0.104	0.062
SCL48	26.431374	-82.096832	2/25/16	8/4/16	0.138	0.071	1.32	4.51	0.047	0.011
SCL50	26.441175	-82.107176	3/21/16	8/10/16	0.020	0.064	2.37	3.83	0.046	0.039
SCL51	26.439163	-82.108487	2/25/16	8/10/16	0.031	0.077	2.68	3.83	0.102	0.086
SCL52	26.437337	-82.108893	2/25/16	8/10/16	0.198	0.177	3.36	4.38	0.104	0.091
SCL53	26.432594	-82.109935	2/25/16	8/4/16	0.012	0.064	1.25	1.77	0.036	0.02
SCL54	26.438598	-82.112323	2/25/16	8/10/16	0.012	0.018	1.23	2.81	0.036	0.073
SCL55	26.437734	-82.115925	2/25/16	8/10/16	0.012	0.049	1.32	2.01	0.041	0.054
SCL56	26.438021	-82.118916	2/25/16	8/10/16	0.018	0.029	1.25	2.11	0.023	0.075
SCL57	26.444341	-82.128272	3/21/16	8/10/16	0.142	0.047	1.55	2.79	0.033	0.051
SCL58	26.448410	-82.129269	3/21/16	8/10/16	0.139	0.036	1.53	3.95	0.036	0.074
SCL59	26.445157	-82.131867	3/21/16	8/10/16	0.022	0.089	1.35	2.81	0.035	0.09
SCL60	26.446005	-82.134622	3/21/16	8/10/16	0.034	0.059	1.18	2.29	0.037	0.124
SCL62	26.452637	-82.139395	3/21/16	8/10/16	0.059	0.032	1.65	2.49	0.065	0.087
SCL63	26.453230	-82.141105	3/21/16	8/10/16	0.028	0.111	1.74	6.01	0.139	0.12
SCL64	26.453893	-82.141115	3/21/16	8/10/16	0.027	0.104	1.36	4.42	0.038	0.05
SCL65	26.470171	-82.154021	3/21/16	8/10/16	0.245	0.377	1.72	2.1	0.167	0.482
SCL66	26.466199	-82.156582	3/21/16	8/10/16	0.611	0.1	1.43	2.41	0.046	0.129
SCL67	26.469749	-82.156738	3/21/16	8/10/16	0.056	0.049	1.8	1.82	0.06	0.059
SCL68	26.468669	-82.157421	3/21/16	8/10/16	0.242	5.354	2.6	8.09	0.587	3.41
SCL69	26.476801	-82.166662	3/21/16	8/10/16	0.051	0.045	1.65	2.42	0.292	0.285
SCL70	26.478564	-82.170642	3/21/16	8/10/16	0.062	0.025	5.27	2.67	0.095	0.089
SCL71	26.491349	-82.170984	3/21/16	8/10/16	0.038	0.051	1.7	2.54	0.341	0.44
Mean										

TP_D	TP_W	Chla_D	Chla_W	TSI_D	TSI_W	Sal_D	Sal_W	CDOM_D	CDOM_W	pH_D	pH_W
0.09	0.112	5.2	18.3	60.6	68.8	0.9	1.3	58	84	8.1	7.4
0.029		2.9		51.1		0.6		200		8.4	
1.54	0.124	37.3	91.2	93.6	82.6	0.9	1	160	135	8.6	8
0.156	0.092	44.2	74.9	77.5	78.4		0.7	175	140		7.9
1.49	3.39	20.7	57.7	91.1	104.1	0.8	1	90	86	9.1	8
0.104	0.084	4.7	8.9	62.8	67.4	1.3	1.5	274	252	8.2	7.6
0.183	0.111	63	44	81.9	79.5	2.1	2.2	174	153	9	8.5
0.162	0.114	9.3	26.2	70.0	75.6	3.7	6.4	159	159	8.4	7.7
0.01	0.058	1.6	7.8	44.6	67.5	14.9	20.8	144	168	7.9	7.8
0.131	0.224	16.8	20.6	71.6	77.8	1.7	1.9	138	99	8.3	8.7
0.059	0.141	28.3	65	67.3	79.7	1.1	1.7	178	174	8.2	7.8
0.109	0.135	2.3	5.8	59.0	65.8	1.8	3.7	192	155	8	7.8
1.11	1.39	99.4	83.7	95.6	97.3	0.9	0.9	77	61	9.6	9.3
0.159	0.086	30.8	33.1	75.5	74.7	1	1.1	242	162	8.4	8.1
0.187	0.103	41	29.7	78.3	74.6	0.7	0.4	154	121	8.5	8.6
0.464	0.172	11.5	41.4	77.7	78.9	0.7	0.3	170	86	8.5	9.4
0.025	0.041	8.5	25	53.9	66.0	0.2	0.3	76	78	8.7	7.9
0.077	0.089	4.7	15.2	61.3	70.0	1.2	1.5	310	223	8.5	8.1
0.145	0.395	1.7	9	61.8	78.3	1.8	4.3	369	386	8	7.7
0.143	0.129	20	6.9	73.5	70.2	1.7	2.5	390	355	7.9	7.7
0.042	0.247	10.8	5.9	61.1	67.8	0.9	0.9	206	101	8	8
0.027	0.022	5.6	24.6	50.1	59.8	0.2	0.3	134	125	8.3	7.2
0.104	0.071	6.3	7.4	63.2	63.9	1.3	1.7	200	204	8.1	7.8
0.041	0.08	7.6	8	58.1	65.7	0.5	0.7	220	175	8.1	8
0.23	0.085	39	35.5	75.9	71.7	0.3	0.5	78	86	8.5	8
0.084	0.077	1.9	17.6	56.8	71.4	4.3	8.4	250	286	8.2	7.7
0.042	0.14	3.9	9	56.1	73.8	0.7	2.2	222	320	8.6	7.8
0.688	0.395	19.2	20.4	78.7	78.0	0.3	0.5	75	74	8.7	8.2
0.107	0.02	11	31.5	61.8	61.6	0.3	0.5	31	49	9.1	8.5
0.066	0.106	10.83	43.7	62.0	78.0	0.3	0.3	125	115	8.4	7.9
0.143	0.229	2.7	13.9	67.2	80.8	7.6	13.6	97	96	8.8	7.8
0.233	1.38	13.6	6.6	70.2	81.7	0.6	0.7	190	132	8.4	7.9
0.04	0.059	14.1	41.8	63.3	75.3	0.8	1.3	190	113	8.6	8.9
0.185	0.176	87.6	48.3	86.2	86.7	2.2	4.4	290	345	8.4	8.6
0.673	0.672	20.5	23.6	86.3	85.9	0.4	1.1	80	130	8.7	8.3
0.08	0.123	2.1	14.2	60.3	73.9	2.7	4	330	184	8	8.5
0.149	0.25	3.1	11.6	65.9	80.4	3.9	9.2	205	265	8.6	7.9
0.08	0.061	38.3	23.2	70.6	69.8	1	1.1	250	204	8.2	7.4

0.127	0.106	10.9	40.6	70.2	79.4	1.4	1.4	420	279	8.7	8.6
0.041	0.071	18.3	46	62.3	75.2	0.8	0.8	160	126	8.2	8.9
0.119	0.02	5.4	11.3	62.3	72.9	0.3	1	190	167	8.4	8.1
0.057	0.076	19.3	10.7	70.3	71.1	1	1.1	112	85	8.4	8.6
0.035	0.047	6.6	13.4	56.6	65.7	1	1.1	190	164	8.4	8.1
0.081	0.036	28.3	22.2	71.3	71.5	1.6	1.6	280	183	8.3	8.1
0.041	0.081	24	9.6	64.0	66.0	0.8	0.7	190	105	8.4	8.3
0.13	0.115	19.2	8.6	74.4	71.0	3.5	3.9	49	36	8.6	8.7
0.07	0.085	7	8.6	61.8	72.1	0.8	0.8	60	67	8.8	8.8
0.076	0.098	13.6	23.9	69.3	76.8	1	1.3	153	72.9	8.6	8.4
0.123	0.129	44.8	50.5	78.9	82.1	4.6	5.4	160	71		7.9
0.125	0.116	43.4	7.4	80.3	73.1	3.5	4	120	56	8.6	7.7
0.037	0.25	21.2	27.4	62.8	78.2	0.6	0.4	223	109	8.6	8.3
0.046	0.095	11.5	27.6	61.1	75.2	0.5	0.6	170	55	8.6	8.2
0.062	0.095	16.1	11.9	65.0	69.0	0.6	0.6	160	51.9	8.4	8.3
0.025	0.09	8.2	10	55.8	68.1	0.7	0.8	120	40.9	8.4	8.1
0.06	0.106	3	15	57.8	73.0	1.1	1.5	225	248	8.1	8.4
0.039	0.09	7.3	13.5	59.3	73.7	1.1	2.8	269	404	7.9	8.2
0.04	0.097	9.9	11.4	60.1	71.1	1.1	1.5	240	320	7.9	7.9
0.053	0.346	13.5	13.2	62.5	78.4	0.9	1.4	210	222	8.1	8.2
0.076	0.09	17.1	26	68.0	73.8	1	1.1	163	153	8.2	8.1
0.227	0.157	66.3	204.1	81.7	93.0	0.4	0.5	147	130	8.2	8.2
0.042	0.199	31.4	125.2	66.0	90.1	0.3	0.4	124	161	8.2	8
0.342	0.516	4.1	8	70.8	77.9	12	17.5	223	261	7.8	7.6
0.077	0.328	16.8	6.4	67.1	74.9	2.6	1	236	303	7.9	7.9
0.075	0.066	16.8	7.8	68.5	64.1	23.2	32.3	216	210	8.3	8.7
0.932	6.49	112.2	158.6	95.6	116.8	1.9	2.8	304	421	8.1	7.9
0.355	0.35	28.9	26.1	80.1	82.1	0.9	2	219	239	8.8	8.7
0.295	0.107	278.5	5	97.5	67.4	19.3	21.5	290	314	9.3	7.8
0.53	0.573	46.4	27.4	85.1	85.7	0.6	0.9	172	242	9.7	9.02

Change	IN	TN	OP	TP	Chla	TSI	Sal	CDOM	pH	
	0.15	0.13	0.25	0.24	2.52	0.14	0.44	0.45	-0.09	
	-0.64	0.04	-0.90	-0.92	1.45	-0.12	0.11	-0.16	-0.07	
	1.75	0.28	-0.35	-0.41	0.69	0.01		-0.20		
	1.07	0.59	1.51	1.28	1.79	0.14	0.25	-0.04	-0.12	
	1.75	0.55	-0.24	-0.19	0.89	0.07	0.15	-0.08	-0.07	
	4.10	0.44	-0.16	-0.39	-0.30	-0.03	0.05	-0.12	-0.06	
	0.46	0.53	-0.41	-0.30	1.82	0.08	0.73	0.00	-0.08	
	3.06	0.95	3.22	4.80	3.88	0.51	0.40	0.17	-0.01	
	1.05	0.33	0.49	0.71	0.23	0.09	0.12	-0.28	0.05	
	0.33	0.58	2.71	1.39	1.30	0.18	0.55	-0.02	-0.05	
	-0.66	0.16	-0.03	0.24	1.52	0.11	1.06	-0.19	-0.03	
	37.85	0.18	0.72	0.25	-0.16	0.02	0.00	-0.21	-0.03	
	1.60	0.51	-0.38	-0.46	0.07	-0.01	0.10	-0.33	-0.04	
	0.50	0.26	-0.27	-0.45	-0.28	-0.05	-0.43	-0.21	0.01	
	1.30	0.21	-0.54	-0.63	2.60	0.02	-0.57	-0.49	0.11	
	8.25	0.80	3.33	0.64	1.94	0.22	0.50	0.03	-0.09	
	1.19	0.39	0.02	0.16	2.23	0.14	0.25	-0.28	-0.05	
	1.70	0.42	0.64	1.72	4.29	0.27	1.39	0.05	-0.04	
	0.60	0.45	0.01	-0.10	-0.66	-0.05	0.47	-0.09	-0.03	
	-0.44	-0.19	0.68	4.88	-0.45	0.11	0.00	-0.51	0.00	
	1.32	0.80	-0.29	-0.19	3.39	0.19	0.50	-0.07	-0.13	
	-0.22	0.43	-0.18	-0.32	0.17	0.01	0.31	0.02	-0.04	
	0.03	0.63	0.58	0.95	0.05	0.13	0.40	-0.20	-0.01	
	0.20	0.45	-0.62	-0.63	-0.09	-0.06	0.67	0.10	-0.06	
	1.27	0.95	-0.62	-0.08	8.26	0.26	0.95	0.14	-0.06	
	5.17	1.58	2.54	2.33	1.31	0.32	2.14	0.44	-0.09	
	7.40	0.45	-0.31	-0.43	0.06	-0.01	0.67	-0.01	-0.06	
	3.60	1.17	-0.47	-0.81	1.86	-0.00	0.67	0.58	-0.07	
	0.60	1.64	0.36	0.61	3.04	0.26	0.00	-0.08	-0.06	
	0.65	0.54	0.45	0.60	4.15	0.20	0.79	-0.01	-0.11	
	6.17	0.84	2.35	4.92	-0.51	0.16	0.17	-0.31	-0.06	
	4.92	0.95	1.41	0.48	1.96	0.19	0.63	-0.41	0.03	
	3.92	0.74	-0.11	-0.05	-0.45	0.01	1.00	0.19	0.02	
	1.80	-0.15	0.50	-0.00	0.15	-0.00	1.75	0.63	-0.05	
	-0.81	0.29	0.41	0.54	5.76	0.22	0.48	-0.44	0.06	
	25.90	1.12	1.69	0.68	2.74	0.22	1.36	0.29	-0.08	
	3.75	0.64	-0.32	-0.24	-0.39	-0.01	0.10	-0.18	-0.10	

	3.33	0.83	-0.63	-0.17	2.72	0.13	0.00	-0.34	-0.01	
	1.25	1.14	0.28	0.73	1.51	0.21	0.00	-0.21	0.09	
	5.00	14.43	-0.98	-0.83	1.09	0.17	2.33	-0.12	-0.04	
	-0.97	0.32	-0.27	0.33	-0.45	0.01	0.10	-0.24	0.02	
	-0.14	0.80	0.48	0.34	1.03	0.16	0.10	-0.14	-0.04	
	0.54	1.66	-0.64	-0.56	-0.22	0.00	0.00	-0.35	-0.02	
	1.83	0.40	0.72	0.98	-0.60	0.03	-0.13	-0.45	-0.01	
	1.75	0.20	-0.40	-0.12	-0.55	-0.05	0.11	-0.27	0.01	
	-0.49	2.42	-0.77	0.21	0.23	0.17	0.00	0.12	0.00	
	2.20	0.62	-0.15	0.29	0.76	0.11	0.30	-0.52	-0.02	
	1.48	0.43	-0.16	0.05	0.13	0.04	0.17	-0.56		
	-0.11	0.30	-0.13	-0.07	-0.83	-0.09	0.14	-0.53	-0.10	
	4.33	0.42	-0.44	5.76	0.29	0.24	-0.33	-0.51	-0.03	
	0.50	1.28	1.03	1.07	1.40	0.23	0.20	-0.68	-0.05	
	3.08	0.52	0.32	0.53	-0.26	0.06	0.00	-0.68	-0.01	
	0.61	0.69	2.26	2.60	0.22	0.22	0.14	-0.66	-0.04	
	-0.67	0.80	0.55	0.77	4.00	0.26	0.36	0.10	0.04	
	-0.74	1.58	1.06	1.31	0.85	0.24	1.55	0.50	0.04	
	3.05	1.08	1.57	1.43	0.15	0.18	0.36	0.33	0.00	
	0.74	0.94	2.35	5.53	-0.02	0.25	0.56	0.06	0.01	
	-0.46	0.51	0.34	0.18	0.52	0.08	0.10	-0.06	-0.01	
	2.96	2.45	-0.14	-0.31	2.08	0.14	0.25	-0.12	0.00	
	2.85	2.25	0.32	3.74	2.99	0.36	0.33	0.30	-0.02	
	0.54	0.22	1.89	0.51	0.95	0.10	0.46	0.17	-0.03	
	-0.84	0.69	1.80	3.26	-0.62	0.12	-0.62	0.28	0.00	
	-0.13	0.01	-0.02	-0.12	-0.54	-0.06	0.39	-0.03	0.05	
	21.12	2.11	4.81	5.96	0.41	0.22	0.47	0.38	-0.02	
	-0.12	0.47	-0.02	-0.01	-0.10	0.02	1.22	0.09	-0.01	
	-0.60	-0.49	-0.06	-0.64	-0.98	-0.31	0.11	0.08	-0.16	
	0.34	0.49	0.29	0.08	-0.41	0.01	0.50	0.41	-0.07	
	2.73	0.90	0.49	0.80	1.08	0.11	0.41	-0.08	-0.03	



				NH3_D	Nox_D	TKN_D	DO%	DO_mg/l	Turb_D	TSI_TN	TSI_TP
				0.016	0.004	1.09	29	2.7	2	57.7	83.7
				0.016	0.004	1.14	66	6.2	1.5	58.6	62.6
				0.318	0.216	2.46	3	1	20	75.5	136.5
				0.016	0.004	1.77			9	67.3	93.9
				0.049	1.13	1.74	121	10.5	4	76.9	135.9
				0.016	0.004	1.42	42	3.9	1	62.9	86.4
				0.016	0.004	2.3	145	13.1	10	72.5	96.9
				0.016	0.019	1.68	116	9.6	1	66.5	94.6
				0.038	0.057	1.71	97	7.8	1	67.3	42.8
				0.016	0.004	1.72	65	5.7	2.7	66.7	90.7
				0.026	0.01	1.28	77	7.2	3	61.0	75.8
				0.016	0.095	1.2	77	6.8	1	61.0	87.3
				0.016	0.004	2.4	132	17.2	8	73.3	130.4
				0.016	0.004	1.66	105	9.6	4	66.0	94.3
				0.016	0.004	1.78	101	9.1	5.5	67.4	97.3
				0.016	0.004	1.74	82	7.4	4.5	67.0	114.2
				0.016	0.004	0.918	98	9.2	1.3	54.3	59.9
				0.016	0.005	1.49	79	6.9	1	64.0	80.8
				0.016	0.004	1.86	45	4.4	0	68.3	92.6
				0.058	0.004	1.86	27	1.9	7.8	68.3	92.3
				0.136	0.004	1.4	53	4.8	1	62.7	69.5
				0.008	0.011	0.634	35	3.3	2	47.3	61.3
				0.034	0.031	1.18	22	1.9	1.8	59.8	86.4
				0.033	0.004	1.17	40	3.7	7	59.1	69.1
				0.016	0.004	1.05	84	7.7	3	57.0	101.1
				0.008	0.014	1.35	70	6.1	0.5	62.1	82.4
				0.008	0.004	1.37	25	2.3		62.2	69.5
				0.016	0.004	0.967	90	8.2	3	55.3	121.5
				0.016	0.004	0.642	94	8.6	2	47.2	86.9
				0.016	0.004	1.05	66	6.2	2	57.0	77.9
				0.016	0.004	3.06	100	8.9	1.3	78.1	92.3
				0.008	0.004	0.936	32	3	1.3	54.7	101.4
				0.008	0.004	1.68	73	6.5		66.3	68.6
				0.008	0.004	3.41	51	4.6	15	80.3	97.1
				0.008	0.037	2.95	62	5.6	3	77.4	121.1
				0.279	0.018	2.22	69	6.2	1	72.0	81.5
				0.016	0.004	2.18	76	6.9	1	71.4	93.1
				0.008	0.004	1.29	32	2.9	5	61.0	81.5

				0.008	0.004	1.96	31	2.8	1	69.3	90.1
				0.008	0.004	1.18	79	6.6	5	59.3	69.1
				0.008	0.004	1.05	27	2.5	1	57.0	88.9
				1.15	0.011	2.76	79	7	5	76.2	75.2
				0.008	0.056	1.14	58	5.3	0	59.6	66.1
				0.108	0.054	1.7	56	5.1	2	67.1	81.7
				0.008	0.004	1.24	67	6	5	60.3	69.1
				0.008	0.004	2.41	100	8.6	3	73.4	90.5
				0.008	0.13	1.19	104	9.1	0.5	61.5	79.0
				0.016	0.004	2.37	60	5.1	9.3	73.1	80.6
				0.021	0.01	2.57	116	10		75.5	89.5
				0.184	0.014	3.37	92	8.1	11	80.0	89.8
				0.008	0.004	1.25	82	7.3	3	60.4	67.2
				0.008	0.004	1.23	89	7.9	5	60.1	71.2
				0.008	0.004	1.32	67	6	4.4	61.5	76.8
				0.008	0.01	1.24	117	10.3	7	60.4	59.9
				0.1	0.042	1.51	33	2.8	1	64.7	76.2
				0.135	0.004	1.53	19	1.6	0.7	64.4	68.1
				0.018	0.004	1.35	13	1.1	3.5	61.9	68.6
				0.03	0.004	1.18	42	3.5	2	59.3	73.8
				0.055	0.004	1.65	54	4.5	5.5	65.9	80.6
				0.024	0.004	1.74	37	3.2	6.4	67.0	100.9
				0.023	0.004	1.36	57	5	12	62.1	69.5
				0.173	0.072	1.65	30	2.4	1.7	66.7	108.5
				0.58	0.031	1.4	32	2.7	1.3	63.1	80.8
				0.052	0.004	1.8	95	7.1	3.2	67.6	80.3
				0.23	0.012	2.59	14	1.2	15	74.9	127.2
				0.047	0.004	1.65	98	7.5	12	65.9	109.2
				0.058	0.004	5.27	340	25	7.2	88.9	105.8
				0.034	0.004	1.7	147	12.2	10	66.5	116.7

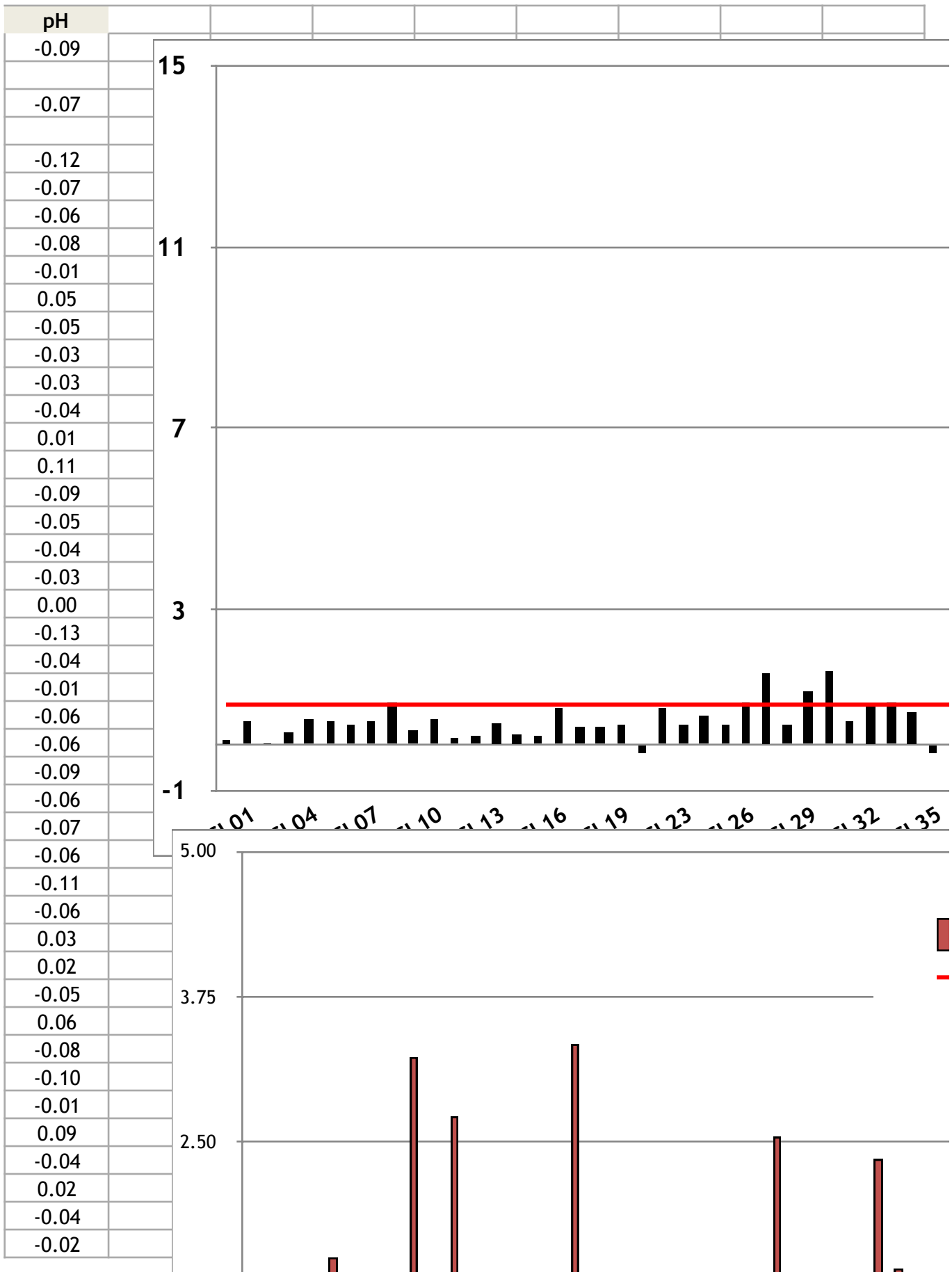
TSI_Chla	TSI_Grade	Problem	Water
40.5	OK	TP	19.6
32.1	Good	TP	18.2
68.9	Very High	TP+TN+Chla	17.9
71.4	Very High	TP+TN+Chla	
60.4	Very High	TP+TN	22.4
39.1	Slightly High	TP+TN	18.3
76.5	Very High	TP+TN+Chla	20
48.9	High	TP+TN	21.8
23.6	Good	TN	22
57.4	High	TP+TN	20.7
64.9	High	TP+TN+Chla	18.5
28.8	OK	TP+TN	21.4
83.0	Very High	TP+TN+Chla	20.6
66.2	High	TP+TN+Chla	19.5
70.3	Very High	TP+TN+Chla	20
52.0	Very High	TP+TN	20.5
47.6	Good	OK	18.2
39.1	Slightly High	TP+TN	21.1
24.4	Slightly High	TP+TN	17.3
59.9	High	TP+TN	18.9
51.1	Slightly High	TP+TN	19.8
41.6	Good	TP	19.1
43.3	Slightly High	TP	20.4
46.0	OK	TP	19.7
69.6	High	TP+Chla	19.2
26.0	OK	TP+TN	20.3
36.4	OK	TP+TN	20.2
59.4	Very High	TP	19.1
51.3	Slightly High	TP	19.8
51.1	Slightly High	TP	18.5
31.1	High	TP+TN	19.5
54.4	High	TP	18.7
54.9	Slightly High	TP+TN	20.6
81.2	Very High	TP+TN+Chla	19.3
60.3	Very High	TP+TN	20
27.5	OK	TP+TN	19.6
33.1	High	TP+TN	18.4
69.3	High	TP+TN+Chla	19.8

51.2	High	TP+TN	19.5
58.7	Slightly High	TP	21.2
41.1	Slightly High	TP	20.5
59.4	High	TP+TN	20.2
44.0	OK	TP	19.7
64.9	High	TP+TN+Chla	19.7
62.6	Slightly High	TP+Chla	20.6
59.4	High	TP+TN	21.5
44.8	Slightly High	TP+TN	21.5
54.4	High	TP+TN	23
71.6	Very High	TP+TN+Chla	21
71.1	Very High	TP+TN+Chla	20.6
60.8	Slightly High	TP	21
52.0	Slightly High	TP	21
56.8	High	TP+TN	20.6
47.1	Good	OK	21.5
32.6	OK	TP+TN	23
45.4	OK	TP+TN	21.7
49.8	OK	TP+TN	22.1
54.3	Slightly High	TP	23
57.7	High	TP+TN	23.4
77.2	Very High	TP+TN+Chla	22.2
66.4	High	TP+TN+Chla	22
37.1	High	TP+TN	23.8
57.4	High	TP+TN	22.4
57.4	High	TP+TN	22.7
84.8	Very High	TP+TN+Chla	21.1
65.2	Very High	TP+TN+Chla	24.9
97.9	Very High	TP+TN+Chla	25.3
72.1	Very High	TP+TN+Chla	24.9

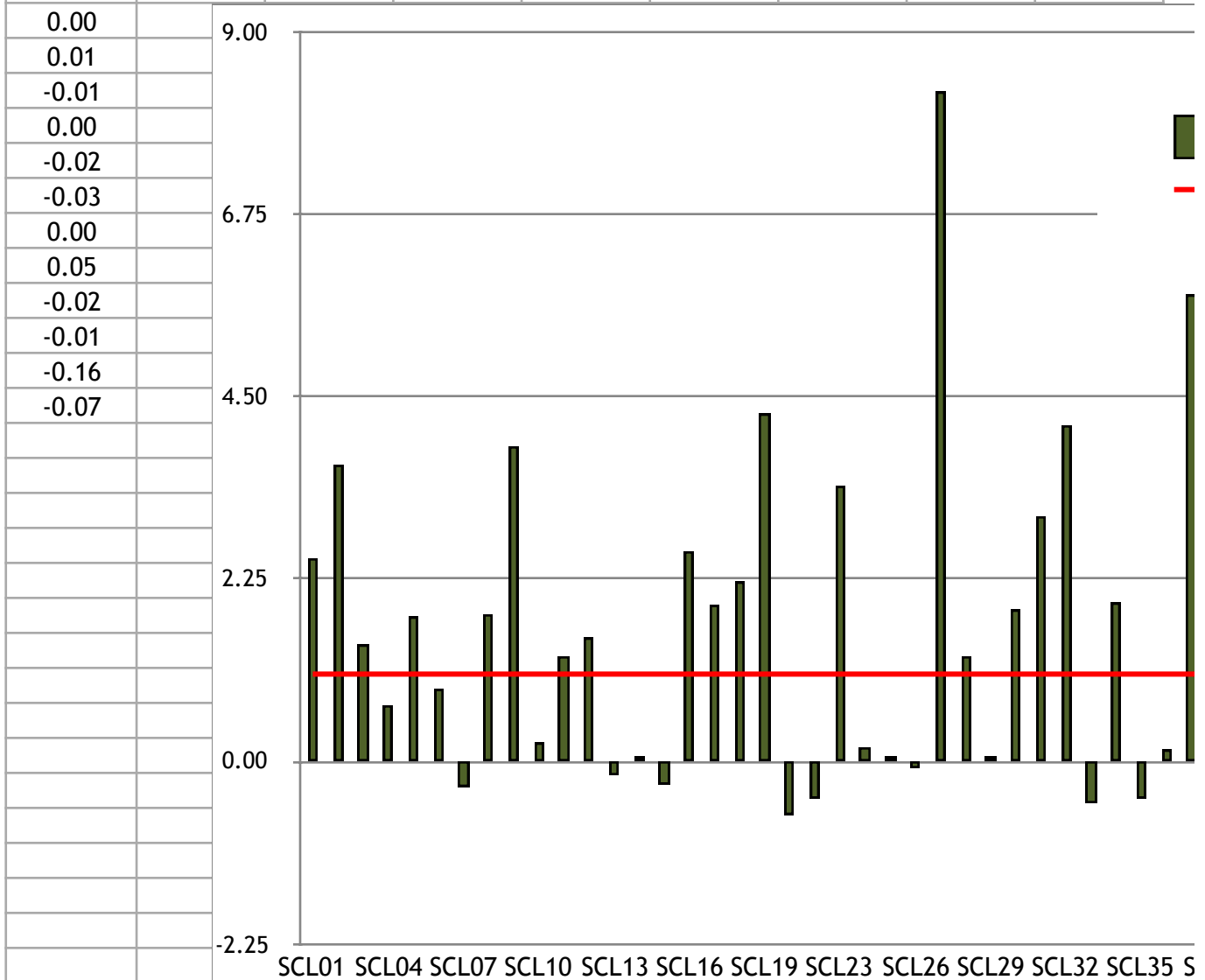
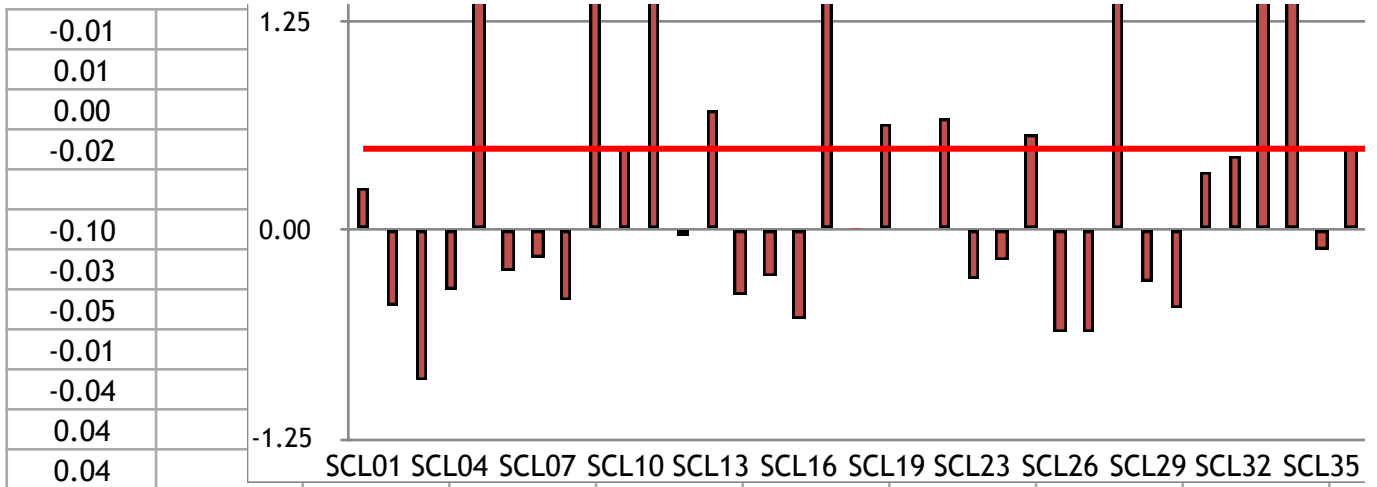
Station	IN	TN	OP	TP	Chla	TSI	Sal	CDOM
SCL01	0.15	0.13	0.25	0.24	2.52	0.14	0.44	0.45
SCL02	0.00	0.54	-0.45	55.00	3.66			
SCL03	-0.64	0.04	-0.90	-0.92	1.45	-0.12	0.11	-0.16
SCL04	1.75	0.28	-0.35	-0.41	0.69	0.01		-0.20
SCL05	1.07	0.59	1.51	1.28	1.79	0.14	0.25	-0.04
SCL06	1.75	0.55	-0.24	-0.19	0.89	0.07	0.15	-0.08
SCL07	4.10	0.44	-0.16	-0.39	-0.30	-0.03	0.05	-0.12
SCL08	0.46	0.53	-0.41	-0.30	1.82	0.08	0.73	0.00
SCL09	3.06	0.95	3.22	4.80	3.88	0.51	0.40	0.17
SCL10	1.05	0.33	0.49	0.71	0.23	0.09	0.12	-0.28
SCL11	0.33	0.58	2.71	1.39	1.30	0.18	0.55	-0.02
SCL12	-0.66	0.16	-0.03	0.24	1.52	0.11	1.06	-0.19
SCL13	37.85	0.18	0.72	0.25	-0.16	0.02	0.00	-0.21
SCL14	1.60	0.51	-0.38	-0.46	0.07	-0.01	0.10	-0.33
SCL15	0.50	0.26	-0.27	-0.45	-0.28	-0.05	-0.43	-0.21
SCL16	1.30	0.21	-0.54	-0.63	2.60	0.02	-0.57	-0.49
SCL17	8.25	0.80	3.33	0.64	1.94	0.22	0.50	0.03
SCL18	1.19	0.39	0.02	0.16	2.23	0.14	0.25	-0.28
SCL19	1.70	0.42	0.64	1.72	4.29	0.27	1.39	0.05
SCL20	0.60	0.45	0.01	-0.10	-0.66	-0.05	0.47	-0.09
SCL21	-0.44	-0.19	0.68	4.88	-0.45	0.11	0.00	-0.51
SCL23	1.32	0.80	-0.29	-0.19	3.39	0.19	0.50	-0.07
SCL24	-0.22	0.43	-0.18	-0.32	0.17	0.01	0.31	0.02
SCL25	0.03	0.63	0.58	0.95	0.05	0.13	0.40	-0.20
SCL26	0.20	0.45	-0.62	-0.63	-0.09	-0.06	0.67	0.10
SCL27	1.27	0.95	-0.62	-0.08	8.26	0.26	0.95	0.14
SCL28	5.17	1.58	2.54	2.33	1.31	0.32	2.14	0.44
SCL29	7.40	0.45	-0.31	-0.43	0.06	-0.01	0.67	-0.01
SCL30	3.60	1.17	-0.47	-0.81	1.86	-0.00	0.67	0.58
SCL31	0.60	1.64	0.36	0.61	3.04	0.26	0.00	-0.08
SCL32	0.65	0.54	0.45	0.60	4.15	0.20	0.79	-0.01
SCL33	6.17	0.84	2.35	4.92	-0.51	0.16	0.17	-0.31
SCL34	4.92	0.95	1.41	0.48	1.96	0.19	0.63	-0.41
SCL35	3.92	0.74	-0.11	-0.05	-0.45	0.01	1.00	0.19
SCL36	1.80	-0.15	0.50	-0.00	0.15	-0.00	1.75	0.63
SCL37	-0.81	0.29	0.41	0.54	5.76	0.22	0.48	-0.44
SCL38	25.90	1.12	1.69	0.68	2.74	0.22	1.36	0.29
SCL39	3.75	0.64	-0.32	-0.24	-0.39	-0.01	0.10	-0.18
SCL40	3.33	0.83	-0.63	-0.17	2.72	0.13	0.00	-0.34
SCL41	1.25	1.14	0.28	0.73	1.51	0.21	0.00	-0.21
SCL42	5.00	14.43	-0.98	-0.83	1.09	0.17	2.33	-0.12
SCL43	-0.97	0.32	-0.27	0.33	-0.45	0.01	0.10	-0.24
SCL44	-0.14	0.80	0.48	0.34	1.03	0.16	0.10	-0.14
SCL45	0.54	1.66	-0.64	-0.56	-0.22	0.00	0.00	-0.35



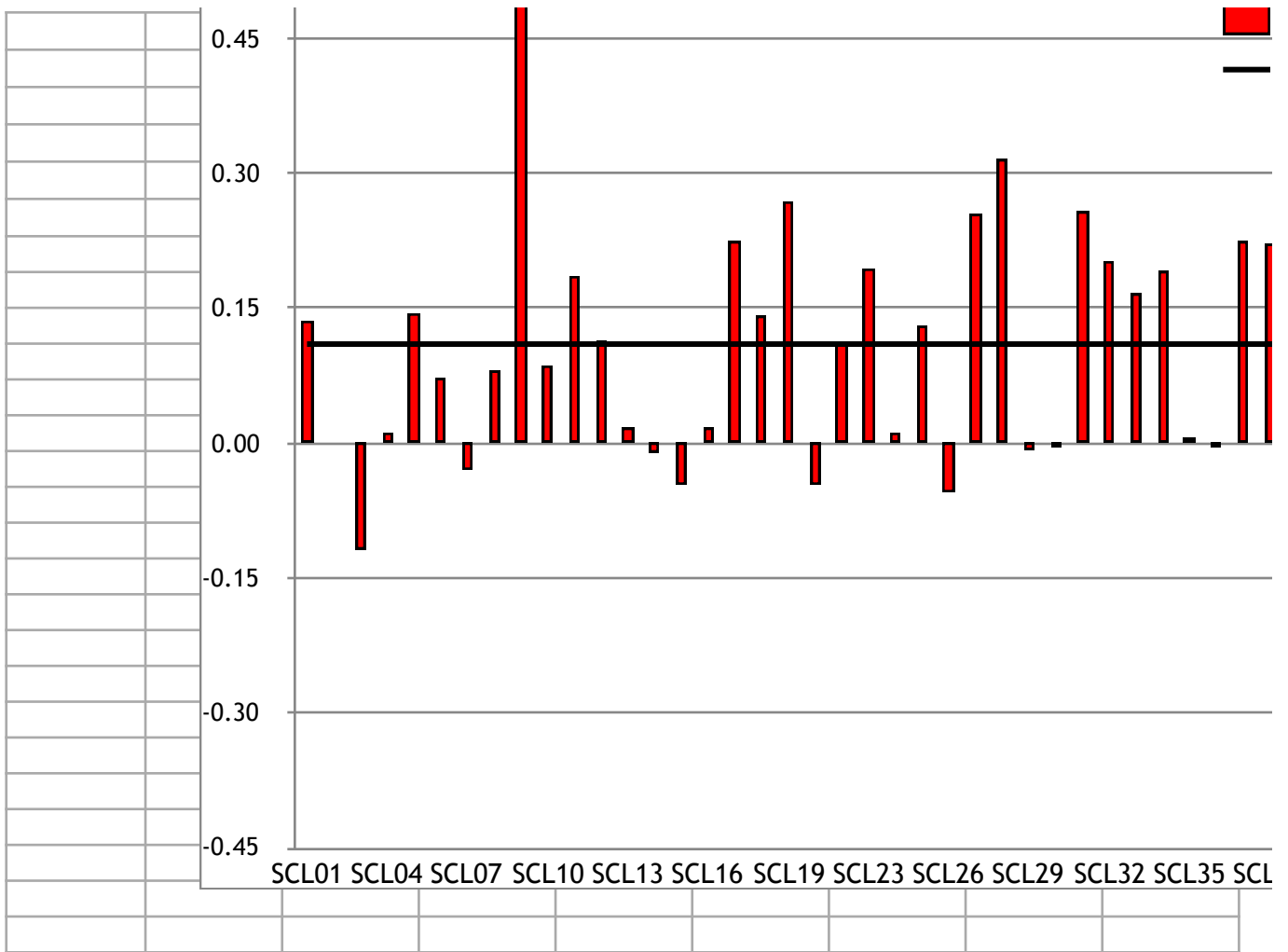


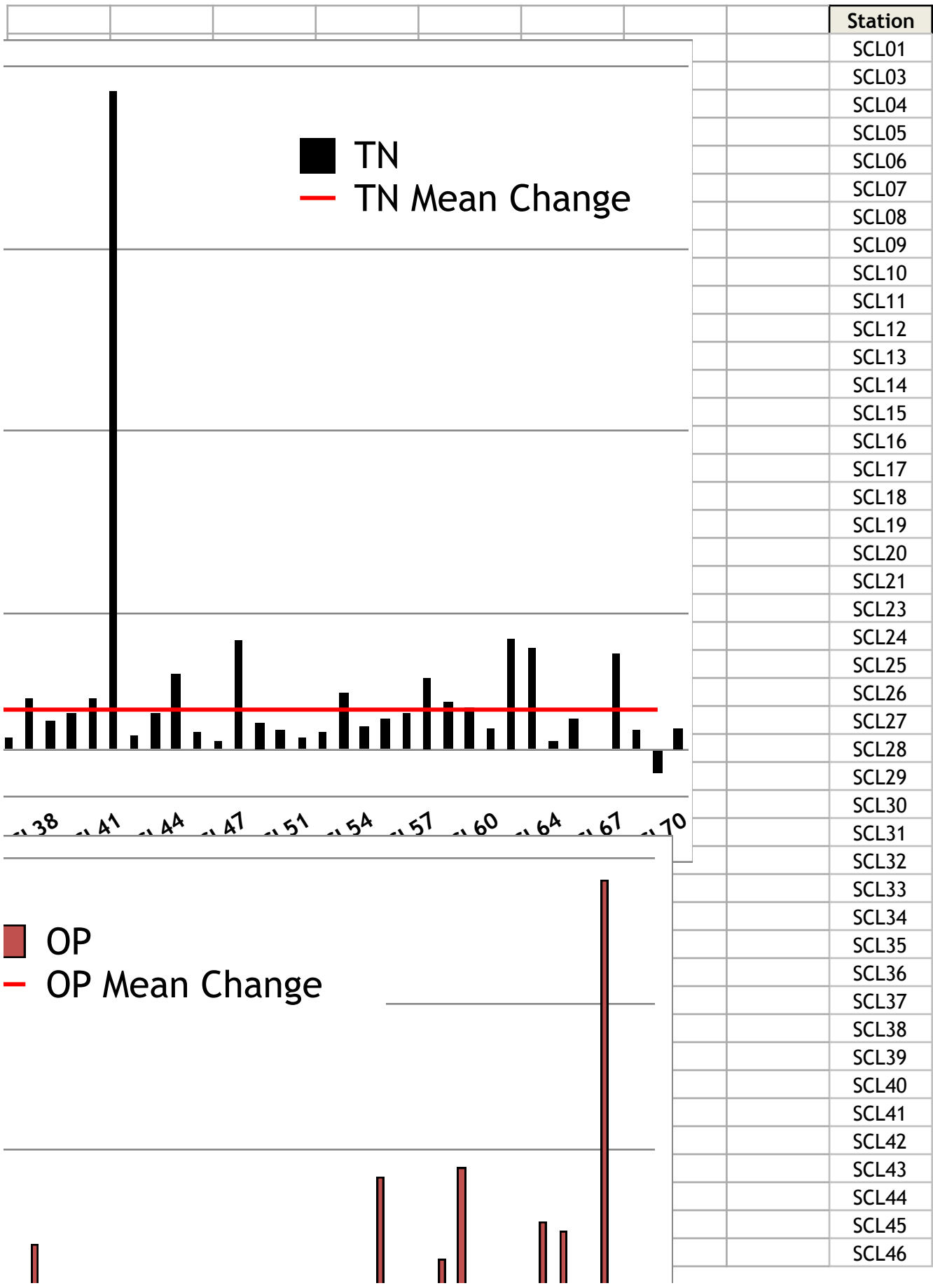


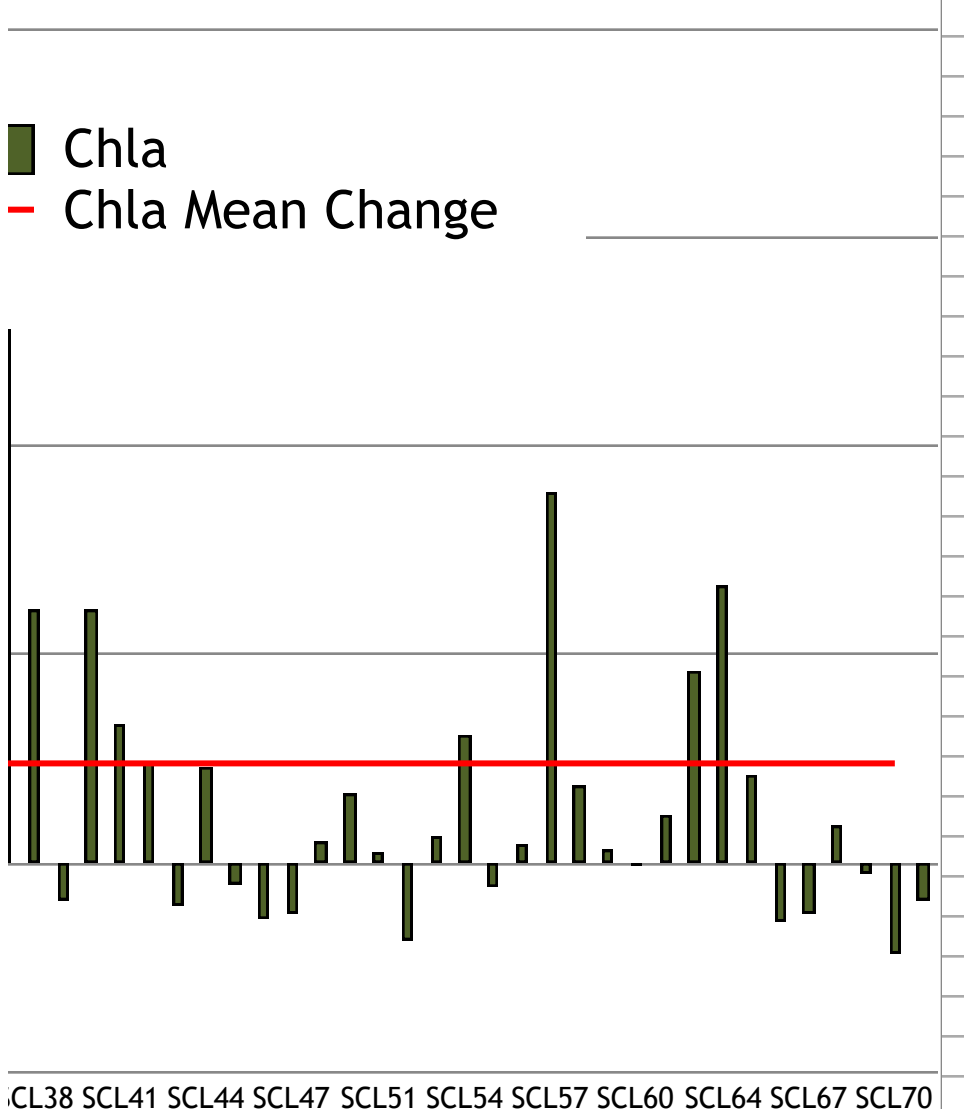
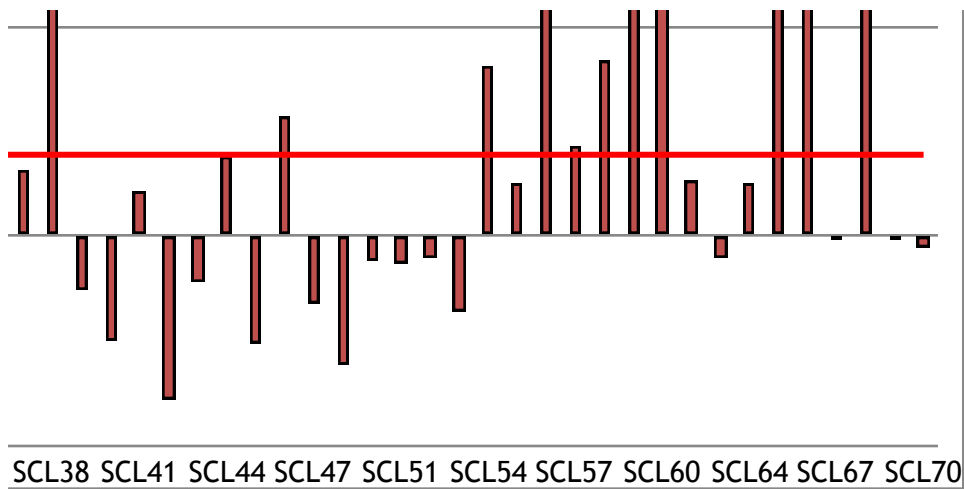




0.60







	SCL47
	SCL48
	SCL50
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	SCL70
	SCL71

SCL38	SCL41	SCL44	SCL47	SCL51	SCL54	SCL57	SCL60	SCL64	SCL67	SCL70
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TCL















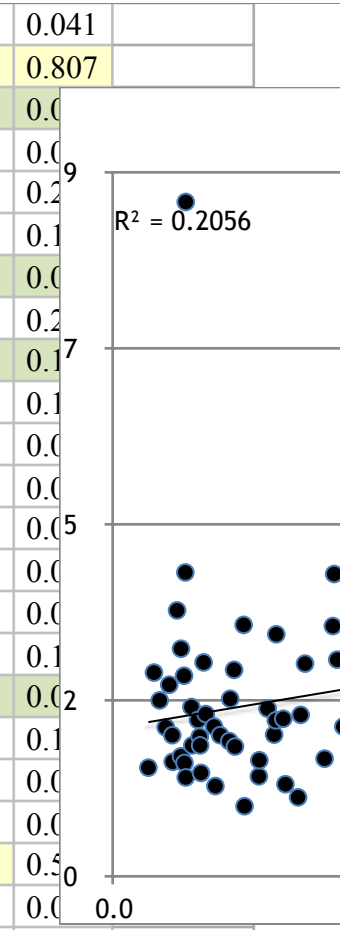
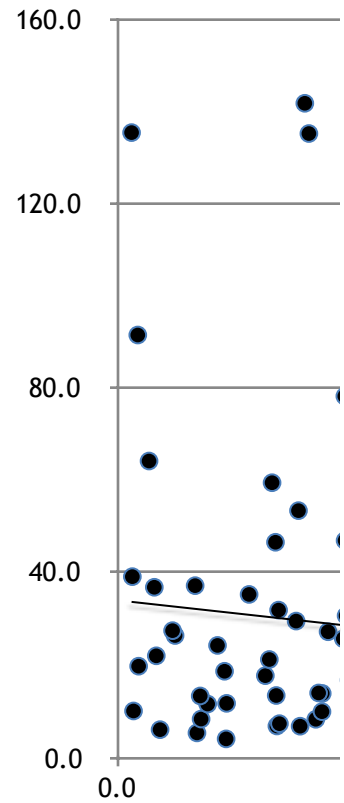


Station	Description	RankingofConcern	Latitude
SCL12	GumboLimboWest	43	26.444119
SCL09	SCCFPond_VenusDr	66	26.461960
SCL19	GulfsidePark_MangrovePond	48	26.426186
SCL65	North_BayousLake_WildLime	19	26.470171
SCL28	SanibelCommunityHousePark_Pond	61	26.435874
SCL06	Roadside_Park_Pond	57	26.444516
SCL24	Periwinkle_Prop_Subdiv_Sunrise	63	26.436210
SCL38	RMP_Lake_BaileyTrct	23	26.428176
SCL48	S_LakeMurex	52	26.431374
SCL25	PeriwinklePines_SW	70	26.439150
SCL37	SmithLake_BaileyTrct	37	26.431124
SCL02	BeachRd_Villas_Pnd	72	26.445536
SCL32	AniPond_BailyTract	39	26.428133
SCL21	OceansReachCondo	50	26.425594
SCL42	HurricaneLane_Adj_BikePath	55	26.425235
SCL57	GulfPines	49	26.444341
SCL56	WRockEastEndCoquina	69	26.438021
SCL27	CityHall_Lake	65	26.441244
SCL18	SanibelLakesEstate_End_Ibis	59	26.436039
SCL44	TwinPondWest	62	26.430828
SCL33	ByTheSea	20	26.423515
SCL58	SCCFHaasPondAmerLegion	41	26.448410
SCL59	GulfPines_SloughGageStation	45	26.445157
SCL66	Bayous_Middle_Lake_1901SanBayous	24	26.466199
SCL01	LightHouse_Pt_Condo	67	26.452295
SCL67	N_Pond_at_Wulfert_SanCap	44	26.469749
SCL60	WhitelbisWest_GulfPines	36	26.446005
SCL20	GulfSidePark_AdjBikePath	22	26.427517
SCL47	N_LakeMurex	42	26.433161
SCL55	ERockWestEndCoquina	60	26.437734
SCL43	PalmLake	31	26.426256
SCL23	PeriwinklePlacePond	71	26.437349
SCL17	Resta_Shore	53	26.428611
SCL46	Brightwater_Lake	64	26.428986
SCL08	Dunes Lake 4	34	26.455145
DevittPnd	Pond at SCCF Homestead	68	26.4444
SCL10	Whisperwood_Pond	32	26.445422
SCL50	St_Elizabeth_Church_LakeSouth	40	26.441175
SCL54	ERockNorthEndDurion	56	26.438598
SCL29	Sanibel_Cottages	9	26.423369
SCL30	SantoDeSanibel	58	26.422682
SCL62	ChateauSurMerDischarge	33	26.452637

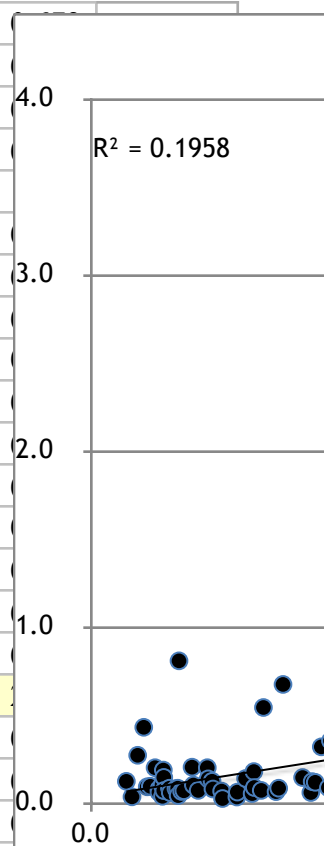
SCL36	Sande_Pointe	6	26.423374
SCL53	SeaOats_SmallLake	47	26.432594
SCL45	NPoincianaPond	30	26.430665
SCL52	South_BikePathLake_Rabbit	12	26.437337
SCL40	RobinWoodLake	35	26.427240
SCL16	Sundial_East_Condo	18	26.432655
SCL31	Baileys_Pond	51	26.433610
SCL69	SanctuaryLake4	14	26.476801
SCL34	SeagullEstates_East	46	26.424991
DLHS	Dunes Horseshoe Lake at Pelican Dr.	21	26.451095
SCL39	LongAcreLake	38	26.424398
SCL14	SanibelGC_Slough	25	26.436144
SCL41	HurricaneLane_NorthPond	54	26.426526
SCL15	PanamaCanal	27	26.429778
SCL71	SanctuaryLake7	8	26.491349
SCL26	CasaYbel_Resort_LargePond	28	26.424932
SCL05	City_Reclaimed_Dschrge_Pond	3	26.445706
SCL11	GumboLimboEast	26	26.444650
DL09	Dunes Lake 9	15	26.45007
SCL51	North_BikePathLake_RabbitRd	13	26.439163
SCL07	DunesLake5	11	26.453000
SCL04	PeriwinklePrk_RVPond	29	26.444057
SCL03	PeriwinklePark_DuckPnd	4	26.443381
SCL35	SeagullEstates_West	16	26.425197
SCL64	TradewindsNorthLake_Tahiti	17	26.453893
SCL13	SanibelGolf_ReclaimedWater_Pnd	2	26.439099
SCL72	Bayous Pond at former WWTP	7	26.47007
SCL63	TradewindsSouthLake_Tahiti	5	26.453230
SCL68	Bayous_Lake_100m_South_Entrance	1	26.468669
SCL70	BlueCrabLake	10	26.478564

R<sup>2</sup> = 0.0198

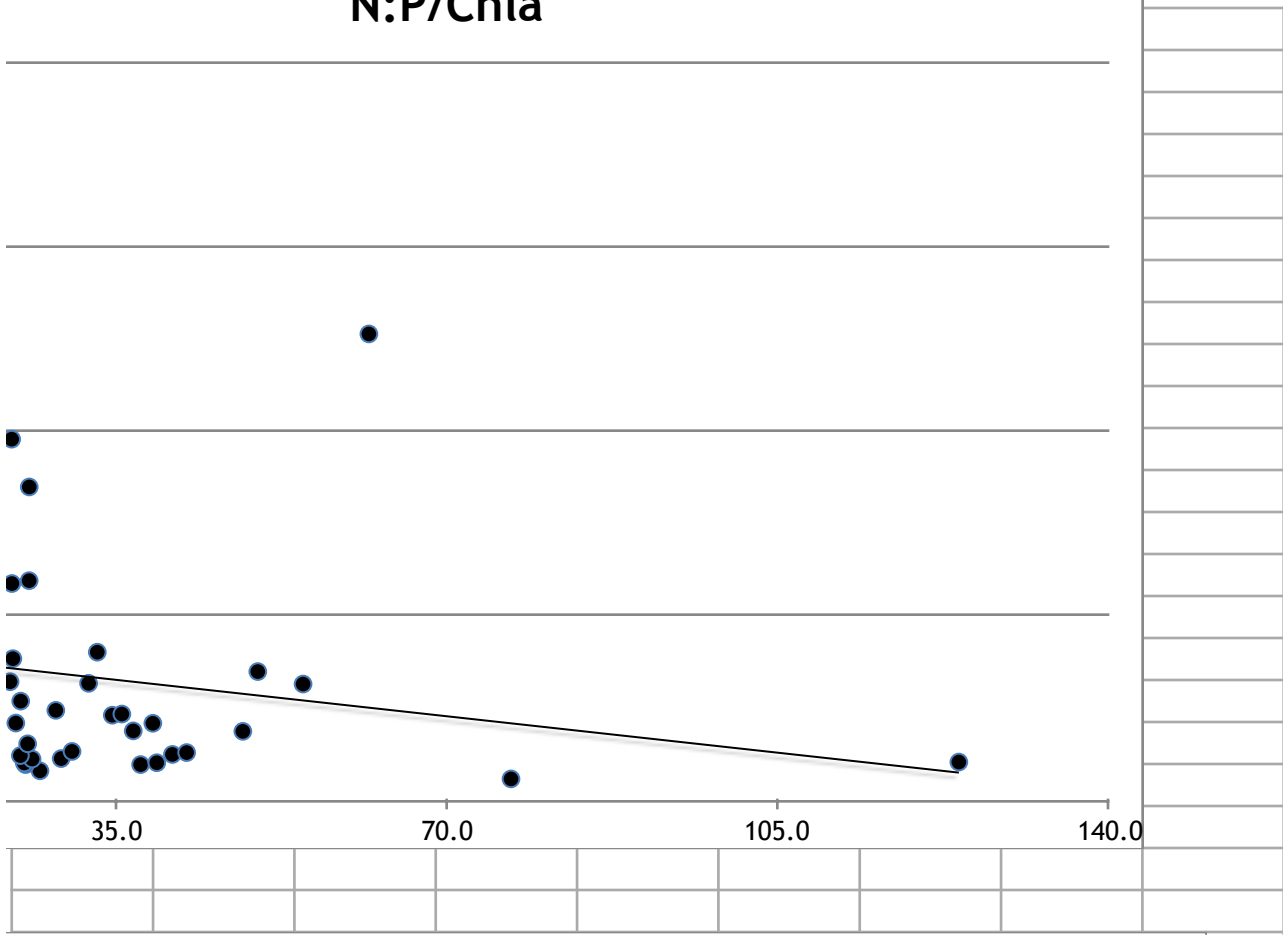
Longitude	IN	OP	N:P	Chla_Cor	TN	TSI
-82.066754	0.075	0.1065	11.4	4.1	1.40	62.4
-82.051640	0.241	0.0235	76.8	4.7	2.61	56.1
-82.064606	0.037	0.0975	8.4	5.4	2.26	70.1
-82.154021	0.311	0.3245	4.5	6.1	1.91	74.4
-82.074347	0.043	0.0635	27.0	6.5	2.46	65.0
-82.050828	0.038	0.0855	19.3	6.8	1.81	65.1
-82.069462	0.058	0.0465	16.8	6.9	1.47	63.6
-82.087835	0.279	0.164	17.1	7.4	3.41	73.2
-82.096832	0.105	0.029	37.6	7.8	2.92	67.0
-82.070397	0.038	0.04	25.5	7.8	1.54	61.9
-82.087076	0.176	0.077	25.3	8.2	2.57	67.1
-82.040580	0.020	0.0225	39.3	8.2	1.46	54.8
-82.081982	0.027	0.103	20.9	8.3	3.89	74.0
-82.067563	0.110	0.0455	8.8	8.4	1.27	64.5
-82.091716	0.042	0.053	124.1	8.4	8.63	67.6
-82.128272	0.095	0.042	26.1	9.0	2.17	65.4
-82.118916	0.024	0.049	29.2	9.1	1.68	62.0
-82.074078	0.036	0.054	24.9	9.8	2.01	64.1
-82.065347	0.034	0.0625	21.6	10.0	1.79	65.7
-82.093757	0.060	0.0385	41.0	10.0	1.68	61.2
-82.082726	0.049	0.3675	1.6	10.1	1.33	76.0
-82.129269	0.088	0.055	42.5	10.4	2.74	66.5
-82.131867	0.056	0.0625	30.4	10.7	2.08	65.6
-82.156582	0.356	0.0875	9.5	11.6	1.92	71.0
-82.017868	0.022	0.0575	11.5	11.8	1.16	64.7
-82.156738	0.053	0.0595	25.7	12.3	1.81	66.3
-82.134622	0.047	0.0805	8.7	13.4	1.74	70.5
-82.066690	0.081	0.1185	16.7	13.5	2.28	71.9
-82.096812	0.023	0.083	21.6	13.9	2.65	72.7
-82.115925	0.031	0.0475	21.2	14.0	1.67	67.0
-82.093122	0.601	0.0485	48.4	15.0	3.22	70.7
-82.068377	0.032	0.018	36.8	15.1	0.90	55.0
-82.062125	0.103	0.008	38.9	16.8	1.28	60.0
-82.096201	0.023	0.053	24.4	16.8	1.49	65.0
-82.052543	0.043	0.081	15.6	17.8	2.15	72.8
-82.04939	0.028	0.01925	34.6	18.5	1.82	64.5
-82.055339	0.031	0.097	11.3	18.7	2.00	74.7
-82.107176	0.042	0.0425	35.6	18.8	3.10	73.1
-82.112323	0.015	0.0545	28.7	19.6	2.02	68.2
-82.076018	0.094	0.459	2.2	19.8	1.18	78.4
-82.077340	0.056	0.013	16.0	21.3	1.02	61.7
-82.139395	0.046	0.076	24.9	21.6	2.07	70.9



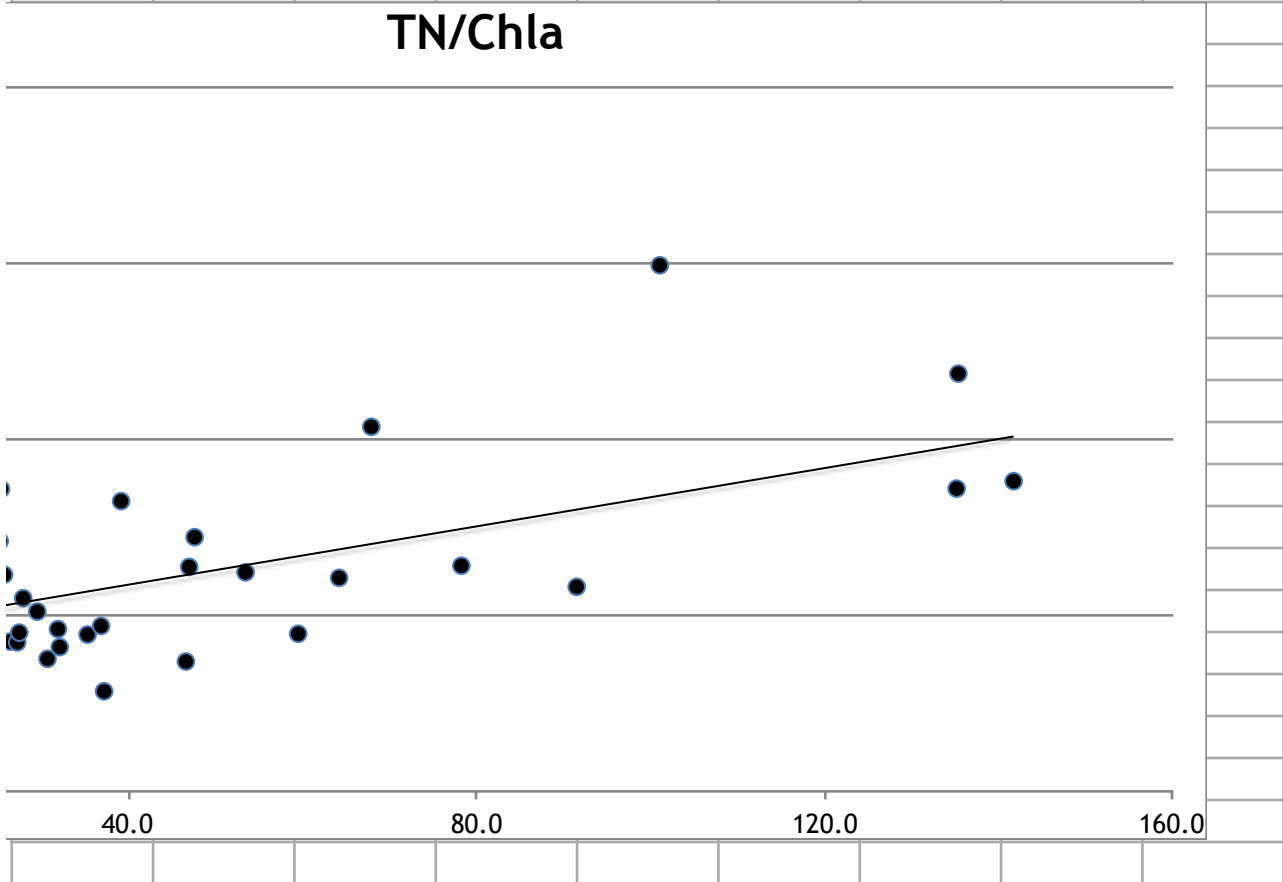
-82.086742	0.086	0.396	4.1	22.1	2.73	86.1	
-82.109935	0.038	0.028	10.5	24.3	1.51	70.5	
-82.094339	0.206	0.036	54.8	25.3	3.21	71.4	4.0
-82.108893	0.188	0.0975	32.1	25.4	3.87	76.7	
-82.089799	0.032	0.0705	23.8	25.8	2.78	74.8	
-82.050086	0.033	0.202	6.0	26.5	1.92	78.3	
-82.078797	0.026	0.033	22.2	27.3	1.91	70.0	3.0
-82.166662	0.048	0.2885	5.8	27.5	2.04	81.1	
-82.084426	0.042	0.029	50.0	28.0	2.48	69.3	
-82.048356	0.04875	0.08025	18.8	29.6	2.30	3.923566619971	
-82.088546	0.035	0.062	24.1	30.8	1.70	70.2	2.0
-82.054808	0.036	0.0875	17.0	32.0	2.08	75.1	
-82.091700	0.020	0.033	33.0	32.2	1.85	68.8	
-82.059424	0.025	0.088	13.9	35.4	2.01	76.5	
-82.170984	0.045	0.3905	3.8	36.9	2.12	85.4	1.0
-82.071106	0.022	0.101	8.2	37.3	1.29	73.8	
-82.045700	1.812	1.965	1.5	39.2	3.72	97.6	
-82.058155	0.042	0.073	16.7	46.7	1.67	73.5	
-82.04718	0.09875	0.06675	24.0	47.0	2.88	78.5	0.0
-82.108487	0.054	0.094	25.8	47.7	3.26	80.5	
-82.042275	0.061	0.0855	19.1	53.5	2.81	80.7	0.147
-82.044043	0.038	0.0395	16.3	59.6	2.02	78.0	0.124
-82.043321	0.364	0.6325	3.3	64.3	2.74	88.1	0.832
-82.086475	0.036	0.085	25.8	68.0	4.67	86.5	0.181
-82.141115	0.066	0.044	24.0	78.3	2.89	78.1	0.121
-82.051512	0.399	0.885	2.1	91.6	2.62	96.5	1.250
-82.159353	0.066	0.068	61.7	101.1	6.73	38.093748089548	0.109
-82.141105	0.070	0.1295	20.2	135.2	3.88	87.4	0.192
-82.157421	2.798	1.9985	1.4	135.4	5.35	106.2	3.711
-82.170642	0.044	0.092	19.8	141.8	3.97	82.5	0.201



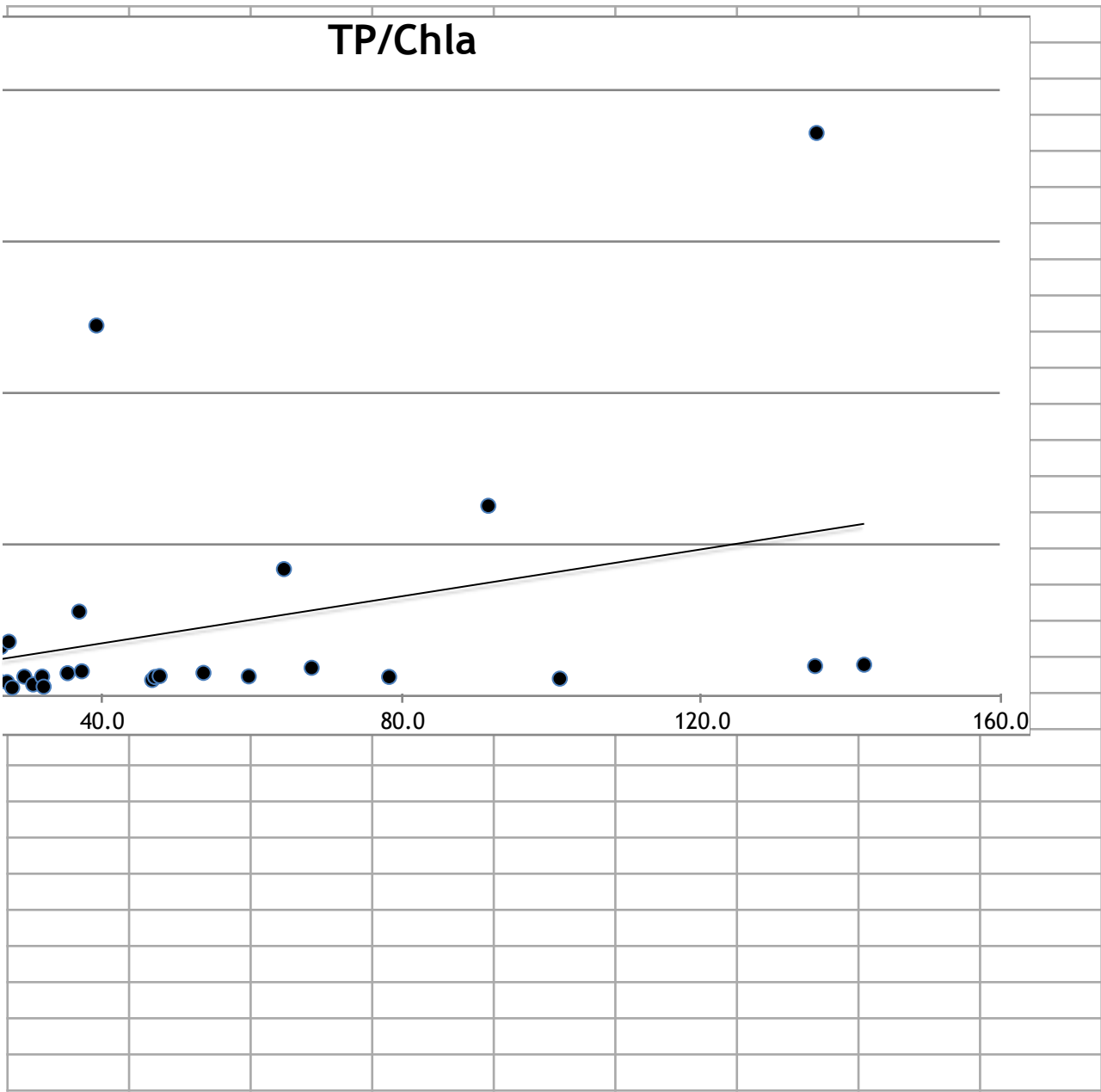
# N:P/Chla



# TN/Chla











Station	Date	IN	TN	OP	TP	NH3	Nox	TKN	Salinity	Chla	Cor
DevittPnd	5/5/16	0.012	2.44	0.019	0.064	0.008	0.004	2.44	1	42.3	
DevittPnd	6/2/16	0.02	1.66	0.046	0.059	0.016	0.004	1.66	1.1	15.4	
DevittPnd	7/6/15	0.024	1.4	0.004	0.02	0.014	0.01	1.4	2.2	4.4	
DevittPnd	12/1/15	0.056	1.77	0.008	0.067	0.052	0.004	1.77	1	11.9	
DL09	5/5/16	0.022	3.91	0.053	0.119	0.016	0.006	3.9	3.1	68.7	
DL09	6/2/16	0.02	2.21	0.168	0.198	0.016	0.004	2.21	3.3	39.7	
DL09	7/6/15	0.065	2.6	0.014	0.073	0.055	0.01	2.6	4.9	27.1	
DL09	12/1/15	0.288	2.78	0.032	0.089	0.262	0.026	2.75	3.2	52.6	
DLHS	5/5/16	0.046	2.53	0.057	0.065	0.008	0.038	2.49	2.9	37.5	
DLHS	6/2/16	0.02	1.73	0.236	0.302	0.016	0.004	1.73	3.1	25.9	
DLHS	7/6/15	0.024	2.5	0.015	0.057	0.014	0.01	2.5	4.9	23	
DLHS	12/1/15	0.105	2.45	0.013	0.065	0.056	0.049	2.4	3.1	31.9	
SCL01	2/18/16	0.020	1.09	0.051	0.09	0.016	0.004	1.09	0.9	5.2	
SCL01	8/3/16	0.023	1.23	0.064	0.112	0.019	0.004	1.23	1.3	18.3	
SCL02	2/18/16	0.020	1.14	0.029	0.029	0.016	0.004	1.14	0.6	2.9	
SCL02	8/29/16	0.018	1.77	0.016	0.045	0.0078	0.01	1.76	0.3	13.5	
SCL03	2/18/16	0.534	2.68	1.15	1.54	0.318	0.216	2.46	0.9	37.3	
SCL03	8/3/16	0.193	2.79	0.115	0.124	0.148	0.045	2.75	1	91.2	
SCL04	2/18/16	0.020	1.77	0.048	0.156	0.016	0.004	1.77		44.2	
SCL04	8/3/16	0.055	2.27	0.031	0.092	0.051	0.004	2.27	0.7	74.9	
SCL06	2/18/16	0.020	1.42	0.097	0.104	0.016	0.004	1.42	1.3	4.7	
SCL06	8/3/16	0.055	2.2	0.074	0.084	0.051	0.004	2.2	1.5	8.9	
SCL07	2/18/16	0.020	2.3	0.093	0.183	0.016	0.004	2.3	2.1	63	
SCL07	8/3/16	0.102	3.31	0.078	0.111	0.086	0.016	3.29	2.2	44	
SCL08	2/18/16	0.035	1.7	0.102	0.162	0.016	0.019	1.68	3.7	9.3	
SCL08	8/3/16	0.051	2.6	0.06	0.114	0.047	0.004	2.6	6.4	26.2	
SCL09	2/18/16	0.095	1.77	0.009	0.01	0.038	0.057	1.71	14.9	1.6	
SCL09	8/3/16	0.386	3.45	0.038	0.058	0.34	0.046	3.4	20.8	7.8	
SCL10	2/18/16	0.020	1.72	0.078	0.131	0.016	0.004	1.72	1.7	16.8	
SCL10	8/3/16	0.041	2.28	0.116	0.224	0.037	0.004	2.28	1.9	20.6	
SCL11	2/18/16	0.036	1.29	0.031	0.059	0.026	0.01	1.28	1.1	28.3	
SCL11	8/3/16	0.048	2.04	0.115	0.141	0.044	0.004	2.04	1.7	65	
SCL12	2/18/16	0.111	1.29	0.108	0.109	0.016	0.095	1.2	1.8	2.3	
SCL12	8/3/16	0.038	1.5	0.105	0.135	0.034	0.004	1.5	3.7	5.8	
SCL14	2/18/16	0.020	1.66	0.108	0.159	0.016	0.004	1.66	1	30.8	
SCL14	8/3/16	0.052	2.5	0.067	0.086	0.048	0.004	2.5	1.1	33.1	
SCL15	2/18/16	0.020	1.78	0.102	0.187	0.016	0.004	1.78	0.7	41	
SCL15	8/3/16	0.03	2.24	0.074	0.103	0.026	0.004	2.24	0.4	29.7	
SCL16	2/18/16	0.020	1.74	0.276	0.464	0.016	0.004	1.74	0.7	11.5	
SCL16	8/3/16	0.046	2.1	0.128	0.172	0.042	0.004	2.1	0.3	41.4	
SCL17	2/18/16	0.020	0.918	0.003	0.025	0.016	0.004	0.918	0.2	8.5	
SCL17	8/3/16	0.185	1.65	0.013	0.041	0.175	0.01	1.64	0.3	25	
SCL18	2/18/16	0.021	1.5	0.062	0.077	0.016	0.005	1.49	1.2	4.7	
SCL18	8/4/16	0.046	2.08	0.063	0.089	0.028	0.018	2.06	1.5	15.2	
SCL19	2/18/16	0.020	1.86	0.074	0.145	0.016	0.004	1.86	1.8	1.7	
SCL19	8/3/16	0.054	2.65	0.121	0.395	0.05	0.004	2.65	4.3	9	
SCL20	2/18/16	0.062	1.86	0.118	0.143	0.058	0.004	1.86	1.7	20	

SCL20	8/3/16	0.099	2.69	0.119	0.129	0.095	0.004	2.69	2.5	6.9
SCL21	2/18/16	0.140	1.4	0.034	0.042	0.136	0.004	1.4	0.9	10.8
SCL21	8/3/16	0.079	1.14	0.057	0.247	0.075	0.004	1.14	0.9	5.9
SCL23	2/25/16	0.019	0.645	0.021	0.027	0.008	0.011	0.634	0.2	5.6
SCL23	8/4/16	0.044	1.16	0.015	0.022	0.033	0.011	1.15	0.3	24.6
SCL24	2/25/16	0.065	1.21	0.051	0.104	0.034	0.031	1.18	1.3	6.3
SCL24	8/4/16	0.051	1.73	0.042	0.071	0.038	0.013	1.72	1.7	7.4
SCL25	2/25/16	0.037	1.17	0.031	0.041	0.033	0.004	1.17	0.5	7.6
SCL25	8/4/16	0.038	1.91	0.049	0.08	0.031	0.007	1.9	0.7	8
SCL26	2/18/16	0.020	1.05	0.146	0.23	0.016	0.004	1.05	0.3	39
SCL26	8/3/16	0.024	1.52	0.056	0.085	0.02	0.004	1.52	0.5	35.5
SCL27	2/25/16	0.022	1.36	0.078	0.084	0.008	0.014	1.35	4.3	1.9
SCL27	8/4/16	0.05	2.65	0.03	0.077	0.04	0.01	2.64	8.4	17.6
SCL28	2/25/16	0.012	1.37	0.028	0.042	0.008	0.004	1.37	0.7	3.9
SCL28	8/4/16	0.074	3.54	0.099	0.14	0.053	0.021	3.52	2.2	9
SCL29	2/18/16	0.020	0.967	0.543	0.688	0.016	0.004	0.967	0.3	19.2
SCL29	8/3/16	0.168	1.4	0.375	0.395	0.117	0.051	1.35	0.5	20.4
SCL30	2/18/16	0.020	0.642	0.017	0.107	0.016	0.004	0.642	0.3	11
SCL30	8/3/16	0.092	1.39	0.009	0.02	0.069	0.023	1.37	0.5	31.5
SCL31	2/18/16	0.020	1.05	0.028	0.066	0.016	0.004	1.05	0.3	10.83
SCL31	8/3/16	0.032	2.77	0.038	0.106	0.028	0.004	2.77	0.3	43.7
SCL32	2/18/16	0.020	3.06	0.084	0.143	0.016	0.004	3.06	7.6	2.7
SCL32	8/3/16	0.033	4.72	0.122	0.229	0.029	0.004	4.72	13.6	13.9
SCL33	2/25/16	0.012	0.936	0.169	0.233	0.008	0.004	0.936	0.6	13.6
SCL33	8/4/16	0.086	1.72	0.566	1.38	0.07	0.016	1.7	0.7	6.6
SCL34	2/25/16	0.012	1.68	0.017	0.04	0.008	0.004	1.68	0.8	14.1
SCL34	8/4/16	0.071	3.27	0.041	0.059	0.061	0.01	3.26	1.3	41.8
SCL35	2/25/16	0.012	3.41	0.09	0.185	0.008	0.004	3.41	2.2	87.6
SCL35	8/4/16	0.059	5.92	0.08	0.176	0.054	0.005	5.91	4.4	48.3
SCL36	2/25/16	0.045	2.95	0.317	0.673	0.008	0.037	2.95	0.4	20.5
SCL36	8/4/16	0.126	2.5	0.475	0.672	0.02	0.106	2.39	1.1	23.6
SCL37	2/18/16	0.297	2.24	0.064	0.08	0.279	0.018	2.22	2.7	2.1
SCL37	8/3/16	0.055	2.9	0.09	0.123	0.046	0.009	2.89	4	14.2
SCL38	2/18/16	0.020	2.18	0.089	0.149	0.016	0.004	2.18	3.9	3.1
SCL38	8/3/16	0.538	4.63	0.239	0.25	0.531	0.007	4.62	9.2	11.6
SCL39	2/25/16	0.012	1.29	0.074	0.08	0.008	0.004	1.29	1	38.3
SCL39	8/4/16	0.057	2.11	0.05	0.061	0.045	0.012	2.1	1.1	23.2
SCL40	2/25/16	0.012	1.96	0.103	0.127	0.008	0.004	1.96	1.4	10.9
SCL40	8/4/16	0.052	3.59	0.038	0.106	0.048	0.004	3.59	1.4	40.6
SCL41	2/25/16	0.012	1.18	0.029	0.041	0.008	0.004	1.18	0.8	18.3
SCL41	8/4/16	0.027	2.52	0.037	0.071	0.022	0.005	2.51	0.8	46
SCL42	2/25/16	0.012	1.05	0.104	0.119	0.008	0.004	1.05	0.3	5.4
SCL42	8/4/16	0.072	16.2	0.002	0.02	0.064	0.008	16.2	1	11.3
SCL43	2/25/16	1.161	2.77	0.056	0.057	1.15	0.011	2.76	1	19.3
SCL43	8/4/16	0.04	3.67	0.041	0.076	0.033	0.007	3.66	1.1	10.7
SCL44	2/25/16	0.064	1.2	0.031	0.035	0.008	0.056	1.14	1	6.6
SCL44	8/4/16	0.055	2.16	0.046	0.047	0.051	0.004	2.16	1.1	13.4

SCL45	2/25/16	0.162	1.75	0.053	0.081	0.108	0.054	1.7	1.6	28.3
SCL45	8/4/16	0.25	4.66	0.019	0.036	0.219	0.031	4.63	1.6	22.2
SCL46	2/25/16	0.012	1.24	0.039	0.041	0.008	0.004	1.24	0.8	24
SCL46	8/4/16	0.034	1.74	0.067	0.081	0.03	0.004	1.74	0.7	9.6
SCL47	2/25/16	0.012	2.41	0.104	0.13	0.008	0.004	2.41	3.5	19.2
SCL47	8/4/16	0.033	2.88	0.062	0.115	0.028	0.005	2.88	3.9	8.6
SCL48	2/25/16	0.138	1.32	0.047	0.07	0.008	0.13	1.19	0.8	7
SCL48	8/4/16	0.071	4.51	0.011	0.085	0.058	0.013	4.5	0.8	8.6
SCL50	3/21/16	0.020	2.37	0.046	0.076	0.016	0.004	2.37	1	13.6
SCL50	8/10/16	0.064	3.83	0.039	0.098	0.06	0.004	3.83	1.3	23.9
SCL51	2/25/16	0.031	2.68	0.102	0.123	0.021	0.01	2.57	4.6	44.8
SCL51	8/10/16	0.077	3.83	0.086	0.129	0.073	0.004	3.83	5.4	50.5
SCL52	2/25/16	0.198	3.36	0.104	0.125	0.184	0.014	3.37	3.5	43.4
SCL52	8/10/16	0.177	4.38	0.091	0.116	0.173	0.004	4.38	4	7.4
SCL53	2/25/16	0.012	1.25	0.036	0.037	0.008	0.004	1.25	0.6	21.2
SCL53	8/4/16	0.064	1.77	0.02	0.25	0.06	0.004	1.77	0.4	27.4
SCL54	2/25/16	0.012	1.23	0.036	0.046	0.008	0.004	1.23	0.5	11.5
SCL54	8/10/16	0.018	2.81	0.073	0.095	0.018		2.8	0.6	27.6
SCL55	2/25/16	0.012	1.32	0.041	0.062	0.008	0.004	1.32	0.6	16.1
SCL55	8/10/16	0.049	2.01	0.054	0.095	0.045	0.004	2.01	0.6	11.9
SCL56	2/25/16	0.018	1.25	0.023	0.025	0.008	0.01	1.24	0.7	8.2
SCL56	8/10/16	0.029	2.11	0.075	0.09	0.016	0.013	2.1	0.8	10
SCL57	3/21/16	0.142	1.55	0.033	0.06	0.1	0.042	1.51	1.1	3
SCL57	8/10/16	0.047	2.79	0.051	0.106	0.043	0.004	2.79	1.5	15
SCL58	3/21/16	0.139	1.53	0.036	0.039	0.135	0.004	1.53	1.1	7.3
SCL58	8/10/16	0.036	3.95	0.074	0.09	0.032	0.004	3.95	2.8	13.5
SCL59	3/21/16	0.022	1.35	0.035	0.04	0.018	0.004	1.35	1.1	9.9
SCL59	8/10/16	0.089	2.81	0.09	0.097	0.085	0.004	2.31	1.5	11.4
SCL60	3/21/16	0.034	1.18	0.037	0.053	0.03	0.004	1.18	0.9	13.5
SCL60	8/10/16	0.059	2.29	0.124	0.346	0.055	0.004	2.29	1.4	13.2
SCL62	3/21/16	0.059	1.65	0.065	0.076	0.055	0.004	1.65	1	17.1
SCL62	8/10/16	0.032	2.49	0.087	0.09	0.028	0.004	2.49	1.1	26
SCL63	3/21/16	0.028	1.74	0.139	0.227	0.024	0.004	1.74	0.4	66.3
SCL63	8/10/16	0.111	6.01	0.12	0.157	0.065	0.046	5.96	0.5	204.1
SCL64	3/21/16	0.027	1.36	0.038	0.042	0.023	0.004	1.36	0.3	31.4
SCL64	8/10/16	0.104	4.42	0.05	0.199	0.1	0.004	4.42	0.4	125.2
SCL65	3/21/16	0.245	1.72	0.167	0.342	0.173	0.072	1.65	12	4.1
SCL65	8/10/16	0.377	2.1	0.482	0.516	0.373	0.004	2.1	17.5	8
SCL66	3/21/16	0.611	1.43	0.046	0.077	0.58	0.031	1.4	2.6	16.8
SCL66	8/10/16	0.1	2.41	0.129	0.328	0.096	0.004	2.41	1	6.4
SCL67	3/21/16	0.056	1.8	0.06	0.075	0.052	0.004	1.8	23.2	16.8
SCL67	8/10/16	0.049	1.82	0.059	0.066	0.045	0.004	1.82	32.3	7.8
SCL69	3/21/16	0.051	1.65	0.292	0.355	0.047	0.004	1.65	0.9	28.9
SCL69	8/10/16	0.045	2.42	0.285	0.35	0.04	0.005	2.42	2	26.1
SCL70	3/21/16	0.062	5.27	0.095	0.295	0.058	0.004	5.27	19.3	278.5
SCL70	8/10/16	0.025	2.67	0.089	0.107	0.021	0.004	2.67	21.5	5
SCL71	3/21/16	0.038	1.7	0.341	0.53	0.034	0.004	1.7	0.6	46.4

SCL71	8/10/16	0.051	2.54	0.44	0.573	0.047	0.004	2.54	0.9	27.4
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Chla p	CDOM	DO%	DO mg/l	Turb	pH	TSI TN	TSI TP	TSI Chla	TSI	Season
	117.4	36.2	3	8.1	9.1	73.7	77.4	70.7	73.9	Dry
	83	97	7.2	7.5	10.3	66.0	75.8	56.2	66.0	Dry
	146.8				8.7	62.7	55.7	38.1	52.2	Wet
	199	106	8.9	6	8.4	67.3	78.2	52.5	66.0	Wet
81.1	132.6	19	1.6	20	9.1	83.0	88.9	77.7	83.2	Dry
17.7	106	97	6.7	11.9	10.1	71.7	98.4	69.8	80.0	Dry
16.8	150	52.6	3.8	3.6	8.8	74.9	79.8	64.3	73.0	Wet
56	167	78	6.5	5.9	8.2	76.2	83.5	73.9	77.9	Wet
42.3	98.6	63.8	5	7.5	8.3	74.4	77.6	69.0	73.7	Dry
6.3	89	101	7.4	3.4	8.7	66.9	106.2	63.7	78.9	Dry
37.3	100.3	48.1	3.5	5	8.4	74.1	75.2	62.0	70.4	Wet
32	123	90.1	7.5	3.4	8.5	73.7	77.6	66.7	72.7	Wet
5.1	58	29	2.7	2	8.1	57.7	83.7	40.5	60.6	Dry
13.1	84	21	1.6	5	7.4	60.1	87.8	58.7	68.8	Wet
27	200	66	6.2	1.5	8.4	58.6	62.6	32.1	51.1	Dry
13.2	154	34	2.6	3	7.6	67.3	70.8	54.3	64.1	Wet
34	160	3	1	20	8.6	75.5	136.5	68.9	93.6	Dry
60	135	80	6.8	27	8	76.3	89.7	81.8	82.6	Wet
	175			9		67.3	93.9	71.4	77.5	Dry
58	140	7.7	5.8	8	7.9	72.2	84.1	79.0	78.4	Wet
20	274	42	3.9	1	8.2	62.9	86.4	39.1	62.8	Dry
8.2	252	15	1.1	2	7.6	71.6	82.4	48.3	67.4	Wet
100	174	145	13.1	10	9	72.5	96.9	76.5	81.9	Dry
37	153	70	5.2	15	8.5	79.7	87.6	71.3	79.5	Wet
7	159	116	9.6	1	8.4	66.5	94.6	48.9	70.0	Dry
15	159	58	4.1	6	7.7	74.9	88.1	63.8	75.6	Wet
4	144	97	7.8	1	7.9	67.3	42.8	23.6	44.6	Dry
3	168	83.7	5.3	2	7.8	80.5	75.5	46.4	67.5	Wet
7	138	65	5.7	2.7	8.3	66.7	90.7	57.4	71.6	Dry
5	99	114	7.9	3.5	8.7	72.3	100.7	60.4	77.8	Wet
47	178	77	7.2	3	8.2	61.0	75.8	64.9	67.3	Dry
26	174	29	2.2	4	7.8	70.1	92.0	76.9	79.7	Wet
5	192	77	6.8	1	8	61.0	87.3	28.8	59.0	Dry
4	155	40	2.9	1	7.8	64.0	91.2	42.1	65.8	Wet
35	242	105	9.6	4	8.4	66.0	94.3	66.2	75.5	Dry
18.2	162	48	3.5	6	8.1	74.1	82.9	67.2	74.7	Wet
10	154	101	9.1	5.5	8.5	67.4	97.3	70.3	78.3	Dry
10.4	121	86	6.3	7	8.6	72.0	86.2	65.6	74.6	Wet
24	170	82	7.4	4.5	8.5	67.0	114.2	52.0	77.7	Dry
23	86	114	8.6	9	9.4	70.7	95.7	70.4	78.9	Wet
	76	98	9.2	1.3	8.7	54.3	59.9	47.6	53.9	Dry
18	78	50	3.8	6	7.9	65.9	69.1	63.2	66.0	Wet
12	310	79	6.9	1	8.5	64.0	80.8	39.1	61.3	Dry
9	223	37	2.8	2	8.1	70.5	83.5	56.0	70.0	Wet
10.6	369	45	4.4	0	8	68.3	92.6	24.4	61.8	Dry
22	386	7	0.5	2	7.7	75.3	111.2	48.4	78.3	Wet
25.4	390	27	1.9	7.8	7.9	68.3	92.3	59.9	73.5	Dry



10	355	25	1.9	1	7.7	75.6	90.4	44.6	70.2	Wet
11	206	53	4.8	1	8	62.7	69.5	51.1	61.1	Dry
3	101	43	3.2	2	8	58.6	102.5	42.4	67.8	Wet
7	134	35	3.3	2	8.3	47.3	61.3	41.6	50.1	Dry
18	125	6	0.5	10	7.2	58.9	57.5	62.9	59.8	Wet
9	200	22	1.9	1.8	8.1	59.8	86.4	43.3	63.2	Dry
5	204	48	3.5	6	7.8	66.9	79.3	45.6	63.9	Wet
10	220	40	3.7	7	8.1	59.1	69.1	46.0	58.1	Dry
8	175	68	5	3	8	68.8	81.5	46.7	65.7	Wet
17	78	84	7.7	3	8.5	57.0	101.1	69.6	75.9	Dry
26	86	52	4.7	3.2	8	64.3	82.6	68.2	71.7	Wet
5	250	70	6.1	0.5	8.2	62.1	82.4	26.0	56.8	Dry
5	286	52	3.6	1	7.7	75.3	80.8	58.1	71.4	Wet
12	222	25	2.3		8.6	62.2	69.5	36.4	56.1	Dry
	320	55	4	5	7.8	81.0	91.9	48.4	73.8	Wet
27	75	90	8.2	3	8.7	55.3	121.5	59.4	78.7	Dry
13	74	73	5.4	3.5	8.2	62.7	111.2	60.2	78.0	Wet
12	31	94	8.6	2	9.1	47.2	86.9	51.3	61.8	Dry
14	49	85.1	6.4	6	8.5	62.5	55.7	66.5	61.6	Wet
12	125	66	6.2	2	8.4	57.0	77.9	51.1	62.0	Dry
14	115	57	4.3	15.6	7.9	76.2	86.7	71.2	78.0	Wet
7.6	97	100	8.9	1.3	8.8	78.1	92.3	31.1	67.2	Dry
14	96	13	1	2	7.8	86.7	101.1	54.7	80.8	Wet
11	190	32	3	1.3	8.4	54.7	101.4	54.4	70.2	Dry
7	132	50	4.1	15	7.9	66.7	134.5	44.0	81.7	Wet
	190	73	6.5		8.6	66.3	68.6	54.9	63.3	Dry
20		120	8.8	9	8.9	79.5	75.8	70.6	75.3	Wet
	290	51	4.6	15	8.4	80.3	97.1	81.2	86.2	Dry
55	345	88	6.4	23	8.6	91.2	96.2	72.6	86.7	Wet
18	80	62	5.6	3	8.7	77.4	121.1	60.3	86.3	Dry
20	130	74	5.9	2	8.3	74.1	121.1	62.3	85.9	Wet
69	330	69	6.2	1	8	72.0	81.5	27.5	60.3	Dry
9.8	184	42.5	3	1	8.5	77.1	89.5	55.0	73.9	Wet
25	205	76	6.9	1	8.6	71.4	93.1	33.1	65.9	Dry
17.6	265	12	1	10	7.9	86.3	102.7	52.1	80.4	Wet
39	250	32	2.9	5	8.2	61.0	81.5	69.3	70.6	Dry
13	204	29	2.2	1.3	7.4	70.8	76.5	62.1	69.8	Wet
5	420	31	2.8	1	8.7	69.3	90.1	51.2	70.2	Dry
17	279	150	10	25	8.6	81.3	86.7	70.1	79.4	Wet
14	160	79	6.6	5	8.2	59.3	69.1	58.7	62.3	Dry
25	126	155	11.1	6	8.9	74.3	79.3	71.9	75.2	Wet
8	190	27	2.5	1	8.4	57.0	88.9	41.1	62.3	Dry
	167	22	1.7	9	8.1	111.1	55.7	51.7	72.9	Wet
9	112	79	7	5	8.4	76.2	75.2	59.4	70.3	Dry
3	85	132	9.5	11	8.6	81.7	80.6	50.9	71.1	Wet
9	190	58	5.3	0	8.4	59.6	66.1	44.0	56.6	Dry
9	164	74	5.1	5.1	8.1	71.2	71.6	54.2	65.7	Wet

26	280	56	5.1	2	8.3	67.1	81.7	64.9	71.3	Dry
21	183	94	6.4	1	8.1	86.5	66.7	61.4	71.5	Wet
34	190	67	6	5	8.4	60.3	69.1	62.6	64.0	Dry
10	105	77	5.5	4	8.3	67.0	81.7	49.4	66.0	Wet
7.4	49	100	8.6	3	8.6	73.4	90.5	59.4	74.4	Dry
1	36	130	9.4	3	8.7	76.9	88.3	47.8	71.0	Wet
1	60	104	9.1	0.5	8.8	61.5	79.0	44.8	61.8	Dry
	67	147	10		8.8	85.8	82.6	47.8	72.1	Wet
28.2	153	60	5.1	9.3	8.6	73.1	80.6	54.4	69.3	Dry
	72.9	104	7.9	15.8	8.4	82.6	85.3	62.5	76.8	Wet
26	160	116	10			75.5	89.5	71.6	78.9	Dry
	71	31	2.4	32	7.9	82.6	90.4	73.3	82.1	Wet
1	120	92	8.1	11	8.6	80.0	89.8	71.1	80.3	Dry
	56	14	1.5	18	7.7	85.2	88.4	45.6	73.1	Wet
6	223	82	7.3	3	8.6	60.4	67.2	60.8	62.8	Dry
	109	99	7		8.3	67.3	102.7	64.5	78.2	Wet
12.2	170	89	7.9	5	8.6	60.1	71.2	52.0	61.1	Dry
	55	60	6.5	7	8.2	76.5	84.7	64.6	75.2	Wet
13.6	160	67	6	4.4	8.4	61.5	76.8	56.8	65.0	Dry
	51.9	85	5.5	3.4	8.3	69.8	84.7	52.5	69.0	Wet
50	120	117	10.3	7	8.4	60.4	59.9	47.1	55.8	Dry
	40.9	66	5.1	3.4	8.1	70.8	83.7	50.0	68.1	Wet
	225	33	2.8	1	8.1	64.7	76.2	32.6	57.8	Dry
	248	75	5.9	5	8.4	76.3	86.7	55.8	73.0	Wet
9.8	269	19	1.6	0.7	7.9	64.4	68.1	45.4	59.3	Dry
	404	77	5.9	16	8.2	83.2	83.7	54.3	73.7	Wet
13.5	240	13	1.1	3.5	7.9	61.9	68.6	49.8	60.1	Dry
	320	24	1.9	13	7.9	76.5	85.1	51.8	71.1	Wet
16.7	210	42	3.5	2	8.1	59.3	73.8	54.3	62.5	Dry
	222	63	4.9	5	8.2	72.4	108.7	54.0	78.4	Wet
17.6	163	54	4.5	5.5	8.2	65.9	80.6	57.7	68.0	Dry
	153	68	4.9	22	8.1	74.1	83.7	63.7	73.8	Wet
91	147	37	3.2	6.4	8.2	67.0	100.9	77.2	81.7	Dry
	130	105	8.1	17	8.2	91.5	94.0	93.4	93.0	Wet
33	124	57	5	12	8.2	62.1	69.5	66.4	66.0	Dry
	161	70	5.5	39	8	85.4	98.5	86.4	90.1	Wet
4.5	223	30	2.4	1.7	7.8	66.7	108.5	37.1	70.8	Dry
	261	52	3.8	100	7.6	70.7	116.2	46.7	77.9	Wet
6.9	236	32	2.7	1.3	7.9	63.1	80.8	57.4	67.1	Dry
	303	37	3	24	7.9	73.4	107.8	43.5	74.9	Wet
33	216	95	7.1	3.2	8.3	67.6	80.3	57.4	68.5	Dry
	210	170	10.7	3.7	8.7	67.9	77.9	46.4	64.1	Wet
50	219	98	7.5	12	8.8	65.9	109.2	65.2	80.1	Dry
	239	78	5.9	6	8.7	73.5	109.0	63.8	82.1	Wet
200	290	340	25	7.2	9.3	88.9	105.8	97.9	97.5	Dry
	314	37	2.6	2.1	7.8	75.4	86.9	40.0	67.4	Wet
50	172	147	12.2	10	9.7	66.5	116.7	72.1	85.1	Dry

	242	196	12	9.4	9.02	74.5	118.1	64.5	85.7	Wet
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Fert	temp	24hr precip	48hr precip	Reclaim	LU	NOT USED		
Fert	26.3	0.8	0.8	NR	Natural			
Fert	30.9	0	0	NR	Natural			
NoFert		0.8	0.8	NR	Natural			
NoFert	23.4	0	0	NR	Natural			
Fert	26.3	0.8	0.8	R	GlfcRse			
Fert	31.1	0	0	R	GlfcRse			
Fert	31.2	0.8	0.8	R	GlfcRse			
Fert	23.5	0	0	R	GlfcRse			
Fert	27.5	0.8	0.8	NR	Medium			
Fert	30.7	0	0	NR	Medium			
NoFert	31.5	0.8	0.8	NR	Medium			
NoFert	23.5	0	0	NR	Medium			
Fert	19.6	0.55	0.55	NR	High			
NoFert	29.6	0.1	0.4	NR	High			
Fert	18.2	0.55	0.55	NR	Low			
NoFert	28.9	1	1	NR	Low			
Fert	17.9	0.55	0.55	NR	High			
NoFert	29.5	0.1	0.4	NR	High			
Fert		0.6	0.6	NR	High			
NoFert	30.1	0.1	0.4	NR	High			
Fert	18.3	0.55	0.55	NR	Natural			
NoFert	31.1	0.1	0.4	NR	Natural			
Fert	20	0.55	0.55	R	GlfcRse			
Fert	31	0.1	0.4	R	GlfcRse			
Fert	21.8	0.55	0.55	R	GlfcRse			
Fert	32.8	0.1	0.4	R	GlfcRse			
Fert	22	0.55	0.55	NR	Medium			
NoFert	34.1	0.1	0.4	NR	Medium			
Fert	20.7	0.55	0.55	NR	Medium			
NoFert	34.7	0.1	0.4	NR	Medium			
Fert	18.5	0.55	0.55	NR	Medium			
NoFert	31.1	0.1	0.4	NR	Medium			
Fert	21.4	0.55	0.55	NR	Medium			
NoFert	32.6	0.1	0.4	NR	Medium			
Fert	19.5	0.55	0.55	R	Medium			
NoFert	31.1	0.1	0.4	R	Medium			
Fert	20	0.55	0.55	R	Medium			
NoFert	31.4	0.1	0.4	R	Medium			
Fert	20.5	0.55	0.55	R	High			
NoFert	30.2	0.1	0.4	R	High			
Fert	18.2	0.55	0.55	NR	Low			
NoFert	29.9	0.1	0.4	NR	Low			
Fert	21.1	0.55	0.55	NR	Medium			
NoFert	30.4	0.1	0.1	NR	Medium			
Fert	17.3	0.55	0.55	NR	Natural			
NoFert	28.2	0.1	0.4	NR	Natural			
Fert	18.9	0.55	0.55	NR	Natural			

NoFert	28.9	0.1	0.4	NR	Natural			
Fert	19.8	0.55	0.55	NR	High			
NoFert	29.8	0.1	0.4	NR	High			
Fert	19.1	0.55	0.55	NR	Comm			
NoFert	30	0.1	0.1	NR	Comm			
Fert	20.4	0.4	0.4	NR	Comm			
NoFert	31.2	0.1	0.1	NR	Comm			
Fert	19.7	0.4	0.4	NR	Medium			
NoFert	31.3	0.1	0.1	NR	Medium			
Fert	19.2	0.55	0.55	R	High			
NoFert	30.1	0.1	0.4	R	High			
Fert	20.3	0.4	0.4	NR	Comm			
NoFert	31.2	0.1	0.1	NR	Comm			
Fert	20.2	0.4	0.4	NR	Comm			
NoFert	30.3	0.1	0.1	NR	Comm			
Fert	19.1	0.55	0.55	R	High			
NoFert	30.1	0.1	0.4	R	High			
Fert	19.8	0.55	0.55	R	High			
NoFert	29.5	0.1	0.4	R	High			
Fert	18.5	0.55	0.55	NR	Comm			
NoFert	29.8	0.1	0.4	NR	Comm			
Fert	19.5	0.5	0.55	NR	Natural			
NoFert	28	0.1	0.4	NR	Natural			
Fert	18.7	0.4	0.4	R	High			
NoFert	30.5	0.1	0.1	R	High			
Fert	20.6	0.4	0.4	NR	Low			
NoFert	31.7	0.1	0.1	NR	Low			
Fert	19.3	0.4	0.4	NR	Low			
NoFert	30.6	0.1	0.1	NR	Low			
Fert	20	0.4	0.4	R	High			
NoFert	31	0.1	0.1	R	High			
Fert	19.6	0.55	0.55	NR	Natural			
NoFert	30.3	0.1	0.4	NR	Natural			
Fert	18.4	0.55	0.55	NR	Natural			
NoFert	28.2	0.1	0.4	NR	Natural			
Fert	19.8	0.4	0.4	NR	Low			
NoFert	29.4	0.1	0.1	NR	Low			
Fert	19.5	0.4	0.4	NR	Low			
NoFert	33.3	0.1	0.1	NR	Low			
Fert	21.2	0.4	0.4	NR	Low			
NoFert	32.7	0.1	0.1	NR	Low			
Fert	20.5	0.4	0.4	NR	Low			
NoFert	30.4	0.1	0.1	NR	Low			
Fert	20.2	0.4	0.4	NR	Low			
NoFert	32.4	0.1	0.1	NR	Low			
Fert	19.7	0.4	0.4	NR	Low			
NoFert	32.4	0.1	0.1	NR	Low			

Fert	19.7	0.4	0.4	NR	Low			
NoFert	31.4	0.1	0.1	NR	Low			
Fert	20.6	0.4	0.4	NR	Low			
NoFert	33.4	0.1	0.1	NR	Low			
Fert	21.5	0.4	0.4	NR	Medium			
NoFert	33.2	0.1	0.1	NR	Medium			
Fert	21.5	0.4	0.4	NR	Medium			
NoFert	34.8	0.1	0.1	NR	Medium			
Fert	23	0.53	0.53	R	Comm			
NoFert	28.8	0.1	0.3	R	Comm			
Fert	21	0.4	0.4	NR	Low			
NoFert	29.5	0.1	0.3	NR	Low			
Fert	20.6	0.4	0.4	NR	Low			
NoFert	29.4	0.1	0.4	NR	Low			
Fert	21	0.4	0.4	NR	Low			
NoFert	33.5	0.1	0.1	NR	Low			
Fert	21	0.4	0.4	NR	Medium			
NoFert	29.8	0.1	0.3	NR	Medium			
Fert	20.6	0.4	0.4	NR	Medium			
NoFert	29.1	0.1	0.3	NR	Medium			
Fert	21.5	0.4	0.4	NR	Medium			
NoFert	29.3	0.1	0.3	NR	Medium			
Fert	23	0.53	0.53	NR	Low			
NoFert	29	0.1	0.3	NR	Low			
Fert	21.7	0.53	0.53	NR	Natural			
NoFert	29.1	0.1	0.3	NR	Natural			
Fert	22.1	0.53	0.53	NR	GlfcRse			
Fert	28.2	0.1	0.3	NR	GlfcRse			
Fert	23	0.53	0.53	NR	Low			
NoFert	29.4	0.1	0.3	NR	Low			
Fert	23.4	0.53	0.53	NR	GlfcRse			
Fert	29.2	0.1	0.3	NR	GlfcRse			
Fert	22.2	0.53	0.53	NR	Medium			
NoFert	28.7	0.1	0.3	NR	Medium			
Fert	22	0.53	0.53	NR	Medium			
NoFert	28.2	0.1	0.3	NR	Medium			
Fert	23.8	0.53	0.53	NR	Low			
NoFert	31.1	0.1	0.3	NR	Low			
Fert	22.4	0.53	0.53	NR	Low			
NoFert	30.5	0.1	0.3	NR	Low			
Fert	22.7	0.53	0.53	NR	Natural			
NoFert	30.9	0.1	0.3	NR	Natural			
Fert	24.9	0.53	0.53	R	GlfcRse			
Fert	30.2	0.1	0.3	R	GlfcRse			
Fert	25.3	0.53	0.53	NR	Low			
NoFert	31.8	0.1	0.3	NR	Low			
Fert	24.9	0.53	0.53	R	GlfcRse			

Fert	33.2	0.1	0.3	R	GlfcRse			
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Station	Reclaim	LU		
DevittPnd	NR	Natural		
DL09	R	GlfcRse		
DLHS	NR	Medium		
SCL01	NR	High		
SCL02	NR	Low		
SCL03	NR	High		
SCL04	NR	High		
SCL06	NR	Natural		
SCL07	R	GlfcRse		
SCL08	R	GlfcRse		
SCL09	NR	Medium		
SCL10	NR	Medium		
SCL11	NR	Medium		
SCL12	NR	Medium		
SCL14	R	Medium		
SCL15	R	Medium		
SCL16	R	High		
SCL17	NR	Low		
SCL18	NR	Medium		
SCL19	NR	Natural		
SCL20	NR	Natural		
SCL21	NR	High		
SCL23	NR	Comm		
SCL24	NR	Comm		
SCL25	NR	Medium		
SCL26	R	High		
SCL27	NR	Comm		
SCL28	NR	Comm		
SCL29	R	High		
SCL30	R	High		
SCL31	NR	Comm		
SCL32	NR	Natural		
SCL33	R	High		
SCL34	NR	Low		
SCL35	NR	Low		
SCL36	R	High		
SCL37	NR	Natural		
SCL38	NR	Natural		
SCL39	NR	Low		
SCL40	NR	Low		
SCL41	NR	Low		
SCL42	NR	Low		



SCL43	NR	Low		
SCL44	NR	Low		
SCL45	NR	Low		
SCL46	NR	Low		
SCL47	NR	Medium		
SCL48	NR	Medium		
SCL50	R	Comm		
SCL51	NR	Low		
SCL52	NR	Low		
SCL53	NR	Low		
SCL54	NR	Medium		
SCL55	NR	Medium		
SCL56	NR	Medium		
SCL57	NR	Low		
SCL58	NR	Natural		
SCL59	NR	GlfcRse		
SCL60	NR	Low		
SCL62	NR	GlfcRse		
SCL63	NR	Medium		
SCL64	NR	Medium		
SCL65	NR	Low		
SCL66	NR	Low		
SCL67	NR	Natural		
SCL69	R	GlfcRse		
SCL70	NR	Low		
SCL71	R	GlfcRse		