

ATTACHMENT E

**Attachment E: Ammonia Nitrogen as N - Filtered
Summary Table by State, HUC 12 and Year
units: mg/L**

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Big Chippewa Lake	1990	2	0.035	0.02	0.05	0.021	0.015	60.6	0.02	0.02	0.02	0.035	0.05	0.05	0.05
		1991	9	0.047	0.02	0.08	0.019	0.006	41.5	0.02	0.02	0.04	0.05	0.06	0.08	0.08
	Bon Secour Bay	1989	45	0.008	0	0.0518	0.013	0.002	162.6	0	0.0006	0.0013	0.0028	0.0088	0.0368	0.0423
		1990	50	0.022	0	0.1974	0.029	0.004	130.2	0.0001	0.0010	0.0071	0.0190	0.0280	0.0419	0.0515
		1991	171	0.017	0	0.10122	0.019	0.001	115.1	0	0.0007	0.00462	0.01078	0.0200	0.0367	0.0528
		1992	175	0.016	0	0.14812	0.020	0.001	124.4	0.0003	0.0011	0.0025	0.0085	0.0218	0.0405	0.0529
		1993	58	0.057	0	0.599	0.087	0.011	151.0	0.0018	0.0074	0.0151	0.0268	0.077	0.095	0.181
		1994	44	0.072	0.00196	0.51296	0.130	0.020	180.3	0.007	0.0119	0.01582	0.02282	0.0475	0.2348	0.4795
		1995	26	0.032	0.01176	0.11816	0.024	0.005	74.2	0.0120	0.0127	0.0176	0.0243	0.0409	0.0540	0.0776
		1997	10	0.026	0.00784	0.05936	0.015	0.005	58.5	0.0078	0.0084	0.0189	0.02338	0.0319	0.0496	0.0594
		1998	99	0.020	0	0.0728	0.014	0.001	71.8	0	0.0011	0.0067	0.0199	0.0302	0.0378	0.0441
		1999	88	0.014	0	0.10262	0.018	0.002	123.4	0.0011	0.0016	0.0036	0.0058	0.0206	0.0433	0.0501
	Bon Secour River	1994	2	0.04	0.03	0.05	0.014	0.01	35.4	0.03	0.03	0.03	0.04	0.05	0.05	0.05
	Deer River	1993	3	0.080	0.056	0.104	0.024	0.014	29.9	0.056	0.056	0.056	0.081	0.104	0.104	0.104
	Fly Creek	1994	2	0.08	0.03	0.13	0.071	0.05	88.4	0.03	0.03	0.03	0.08	0.13	0.13	0.13
	Garrows Bend-Mobile Bay	1993	4	0.091	0.039	0.143	0.049	0.025	54.2	0.039	0.039	0.0495	0.0905	0.132	0.143	0.143
	Halls Creek	1994	1	0.03	0.03	0.03										
	Little Lagoon	1992	5	0.026	0.02	0.04	0.009	0.004	34.4	0.02	0.02	0.02	0.02	0.03	0.04	0.04
	Lower Dog River	1993	1	0.053	0.053	0.053										
	Lower Fish River	1990	128	0.012	0	0.09772	0.016	0.001	140.8	0.0004	0.0006	0.0016	0.0058	0.0162	0.0286	0.0433
		1991	449	0.029	0	0.35658	0.039	0.002	131.1	0.0024	0.0041	0.0077	0.0154	0.0332	0.0791	0.1079
		1992	109	0.070	0	0.39928	0.062	0.006	87.9	0.0067	0.0084	0.0244	0.0582	0.1043	0.1415	0.1536
		1994	1	0.04	0.04	0.04										
		1995	3	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		1996	193	0.035	0	0.32158	0.044	0.003	123.2	0.0036	0.0059	0.0109	0.0200	0.0402	0.0847	0.1299
		1997	249	0.034	0	0.23996	0.035	0.002	102.5	0.0028	0.0042	0.0092	0.0221	0.0483	0.0802	0.0917
		1998	118	0.043	0.00238	0.24374	0.045	0.004	105.3	0.0034	0.0048	0.0094	0.0321	0.0585	0.0853	0.1427
		1999	94	0.035	0.00182	0.2709	0.049	0.005	142.3	0.0036	0.0039	0.0059	0.0129	0.0538	0.0827	0.1359
	Lower Mobile Bay	1989	22	0.014	0	0.06314	0.018	0.004	131.7	0.0006	0.0006	0.0025	0.0065	0.0220	0.0342	0.0616
		1990	26	0.034	0.00014	0.1981	0.043	0.008	126.8	0.0011	0.0013	0.0094	0.0177	0.0412	0.0858	0.0865
		1991	59	0.026	0.00154	0.08316	0.023	0.003	88.8	0.0036	0.0049	0.0083	0.0158	0.0391	0.0622	0.0815
		1992	76	0.022	0.00056	0.1253	0.023	0.003	103.3	0.0013	0.0025	0.0062	0.0158	0.0304	0.0525	0.0708
		1993	36	0.036	0.00182	0.199	0.036	0.006	100.2	0.0052	0.0074	0.0127	0.0260	0.0439	0.0760	0.0878
		1994	53	0.073	0.00476	0.84364	0.136	0.019	186.9	0.0084	0.0109	0.0172	0.0280	0.0627	0.1359	0.3931
		1995	28	0.038	0.00882	0.11648	0.025	0.005	65.6	0.0097	0.0127	0.0204	0.0330	0.0492	0.0643	0.0946
		1997	6	0.030	0.01708	0.03626	0.007	0.003	22.4	0.0171	0.0171	0.0298	0.0326	0.0332	0.0363	0.0363
		1998	69	0.020	0.0010294	0.08204	0.019	0.002	91.1	0.0014	0.0022	0.0045	0.0164	0.0297	0.0438	0.0638
		1999	57	0.018	0	0.0875556	0.022	0.003	125.3	0.0003	0.0022	0.0038	0.0055	0.0267	0.0547	0.0717
	Magnolia River	1990	6	0.015	0.00084	0.03052	0.011	0.004	74.0	0.0008	0.0008	0.0039	0.0171	0.0182	0.0305	0.0305
		1991	20	0.053	0.00574	0.13874	0.041	0.009	77.7	0.0091	0.0128	0.0159	0.0413	0.0821	0.1175	0.1373
		1992	8	0.087	0.01414	0.25116	0.076	0.027	86.5	0.0141	0.0141	0.0368	0.0685	0.1116	0.2512	0.2512
		1994	4	0.015	0.01	0.02	0.006	0.003	38.5	0.01	0.01	0.01	0.015	0.02	0.02	0.02
		1995	9	0.016	0.01	0.03	0.007	0.002	46.7	0.01	0.01	0.01	0.01	0.02	0.03	0.03
		1996	2	0.02	0.01	0.03	0.014	0.01	70.7	0.01	0.01	0.01	0.02	0.03	0.03	0.03

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STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Majors Creek	1994	3	0.02	0.01	0.03	0.01	0.006	50	0.01	0.01	0.01	0.02	0.03	0.03	0.03
		1995	9	0.013	0.01	0.03	0.007	0.002	53.0	0.01	0.01	0.01	0.01	0.03	0.03	0.03
		1996	2	0.02	0.01	0.03	0.014	0.01	70.7	0.01	0.01	0.01	0.02	0.03	0.03	0.03
	Middle Fish River	1994	1	0.02	0.02	0.02										
	Middle Mobile Bay	1989	37	0.025	0	0.17654	0.035	0.006	142.4	0	0.0007	0.00308	0.00756	0.0364	0.05348	0.0917
		1990	41	0.036	0.00056	0.11172	0.025	0.004	70.0	0.0102	0.0144	0.0191	0.0266	0.0493	0.0669	0.0914
		1991	62	0.040	0	0.12404	0.031	0.004	76.9	0.0041	0.0066	0.0112	0.0386	0.0619	0.0818	0.1002
		1992	89	0.028	0.00056	0.17654	0.031	0.003	108.5	0.0021	0.0029	0.007	0.0169	0.0343	0.0766	0.0906
		1993	44	0.055	0.00364	0.122	0.033	0.005	60.9	0.0092	0.0136	0.0262	0.0484	0.0810	0.1000	0.1128
		1994	49	0.075	0.00826	0.52836	0.114	0.016	151.7	0.0122	0.0130	0.0225	0.0367	0.0675	0.1742	0.4155
		1995	28	0.040	0.01036	0.13132	0.031	0.006	76.9	0.0113	0.0120	0.0151	0.0377	0.0547	0.0666	0.1228
		1997	9	0.049	0.01386	0.11368	0.029	0.010	59.0	0.0139	0.0139	0.0298	0.0501	0.0578	0.1137	0.1137
		1998	98	0.032	0	0.14952	0.037	0.004	113.6	0.0006	0.0014	0.0062	0.0213	0.0398	0.0982	0.1317
		1999	78	0.032	0	0.15918	0.041	0.005	130.0	0.0007	0.0015	0.0039	0.0100	0.0468	0.1024	0.1384
	Mississippi Sound	1991	27	0.011	0	0.04382	0.012	0.002	109.9	0.0011	0.0011	0.0020	0.0067	0.0150	0.0279	0.0402
		1992	24	0.016	0	0.04354	0.015	0.003	91.1	0.0013	0.0021	0.0055	0.0090	0.0295	0.0428	0.0434
		1993	8	0.089	0.01	0.223	0.061	0.021	68.0	0.01	0.01	0.0655	0.0805	0.094	0.223	0.223
		1998	66	0.013	0	0.05978	0.015	0.002	111.9	0	0	0.0014	0.0079	0.0182	0.0343	0.0448
		1999	49	0.009	0	0.1206198	0.017	0.002	186.2	0.0010	0.0010	0.0027	0.0058	0.0093	0.0196	0.0295
	Pelican Bay	1989	2	0.007	0.00014	0.0147	0.010	0.007	138.8	0.0001	0.0001	0.0001	0.0074	0.0147	0.0147	0.0147
	Rains Creek	1994	1	0.05	0.05	0.05										
	Skunk Bayou	1990	12	0.011	0.00042	0.0287	0.010	0.003	90.8	0.0004	0.0007	0.0017	0.0099	0.0185	0.0238	0.0287
		1991	40	0.019	0.0021	0.0805	0.017	0.003	87.7	0.0027	0.0046	0.0074	0.0147	0.0230	0.0431	0.0498
		1992	16	0.038	0.00518	0.12194	0.035	0.009	91.9	0.0052	0.0066	0.0110	0.0236	0.0601	0.0903	0.1219
		1996	28	0.015	0.00098	0.0406	0.009	0.002	64.8	0.0027	0.0036	0.0095	0.0121	0.0181	0.0295	0.0300
		1997	38	0.024	0	0.3164	0.056	0.009	236.5	0.0000	0.0003	0.0035	0.0079	0.0155	0.0547	0.1548
		1998	20	0.023	0.00154	0.1176	0.035	0.008	147.7	0.0020	0.0027	0.0041	0.0074	0.0354	0.0784	0.1170
		1999	16	0.007	0.00154	0.03598	0.009	0.002	121.5	0.0015	0.0017	0.0035	0.0043	0.0068	0.0195	0.0360
	Tensaw River-Apalachee River	1994	2	0.04	0.02	0.06	0.028	0.02	70.7	0.02	0.02	0.02	0.04	0.06	0.06	0.06
	The Basin	1994	1	0.03	0.03	0.03										
	Upper Bay Minette Creek	1993	1	0.03	0.03	0.03										
		1994	4	0.02	0.01	0.03	0.012	0.006	57.7	0.01	0.01	0.01	0.02	0.03	0.03	0.03
		1995	8	0.011	0.01	0.02	0.004	0.001	31.4	0.01	0.01	0.01	0.01	0.02	0.02	0.02
		1996	2	0.015	0.01	0.02	0.007	0.005	47.1	0.01	0.01	0.01	0.015	0.02	0.02	0.02
	Upper Fish River	1993	5	0.044	0.02	0.1	0.032	0.014	72.9	0.02	0.02	0.03	0.03	0.04	0.1	0.1
		1994	4	0.028	0.02	0.03	0.005	0.003	18.2	0.02	0.02	0.025	0.03	0.03	0.03	0.03
		1995	7	0.017	0.01	0.04	0.011	0.004	64.9	0.01	0.01	0.01	0.01	0.02	0.04	0.04
		1996	4	0.02	0.01	0.03	0.008	0.004	40.8	0.01	0.01	0.015	0.02	0.025	0.03	0.03
	Upper Mobile Bay	1989	40	0.033	0.00098	0.16716	0.038	0.006	117.0	0.0012	0.0019	0.0043	0.0176	0.0491	0.0860	0.1138
		1990	42	0.042	0.0079912	0.11438	0.025	0.004	59.1	0.0106	0.0183	0.0246	0.0354	0.0526	0.0834	0.0918
		1991	76	0.056	0.00196	0.23128	0.045	0.005	79.8	0.0046	0.0063	0.0218	0.0526	0.0733	0.1032	0.1428
		1992	108	0.046	0	0.18886	0.042	0.004	90.2	0.0060	0.0092	0.0169	0.0348	0.0632	0.1079	0.1504
		1993	47	0.059	0.005	0.18956	0.045	0.006	76.0	0.0080	0.0083	0.0255	0.0472	0.0925	0.1126	0.1425
		1994	43	0.084	0.00644	0.52864	0.105	0.016	124.5	0.0146	0.0182	0.0252	0.0591	0.0916	0.1441	0.1961
		1995	24	0.055	0.00868	0.17556	0.042	0.008	75.8	0.0127	0.0171	0.0266	0.0370	0.0768	0.0966	0.1448

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STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Upper Mobile Bay	1997	11	0.045	0.0161	0.08288	0.019	0.006	42.5	0.0161	0.0255	0.0302	0.0524	0.0581	0.0595	0.0829
		1998	98	0.041	0	0.18886	0.044	0.004	105.0	0	0.0023	0.0108	0.0253	0.0631	0.1046	0.1420
		1999	80	0.050	0	0.2104339	0.053	0.006	105.5	0.0023	0.0054	0.0084	0.0295	0.0786	0.1376	0.1663
LA	Bayou Bienvenue	1979	1	0.25	0.25	0.25										
	Bayou Sauvage	1996	2	0.018	0.005	0.03	0.018	0.013	101.0	0.005	0.005	0.005	0.0175	0.03	0.03	0.03
	Chandeleur Sound	1976	5	0.07	0.05	0.1	0.02	0.009	28.6	0.05	0.05	0.06	0.06	0.08	0.1	0.1
	Inner Harbor Navigation Canal	1976	1	0.06	0.06	0.06										
		1979	2	0.14	0.07	0.21	0.099	0.07	70.7	0.07	0.07	0.07	0.14	0.21	0.21	0.21
		1996	2	0.018	0.005	0.03	0.018	0.013	101.0	0.005	0.005	0.005	0.0175	0.03	0.03	0.03
	Intracoastal Waterway	1979	1	0.21	0.21	0.21										
		1994	1	0.04	0.04	0.04										
	Lake Fortuna	1976	2	0.105	0.09	0.12	0.021	0.015	20.2	0.09	0.09	0.09	0.105	0.12	0.12	0.12
MONTE SANO BAYOU TO HEAD OF PASSES	MONTE SANO BAYOU TO HEAD OF PASSES	1976	21	0.152	0	1.00945	0.291	0.064	191.2	0	0.005	0.01	0.04	0.12	0.23	1
		1979	8	0.852	0.02	2.2	1.110	0.392	130.3	0.02	0.02	0.03	0.08	2.1871	2.2	2.2
		1980	20	0.086	0	0.18	0.057	0.013	66.6	0	0.015	0.03	0.08	0.13	0.17	0.18
		1981	19	0.136	0.06	0.29	0.080	0.018	58.6	0.06	0.06	0.08	0.09	0.24	0.26	0.29
		1982	9	0.104	0.05	0.18	0.044	0.015	42.0	0.05	0.05	0.08	0.09	0.14	0.18	0.18
		1983	12	0.113	0.03	0.26	0.085	0.024	74.6	0.03	0.03	0.03	0.105	0.15	0.26	0.26
		1984	10	0.123	0.005	0.27	0.116	0.037	93.9	0.005	0.005	0.04	0.06	0.24	0.27	0.27
		1985	10	0.053	0.005	0.15	0.056	0.018	105.9	0.005	0.005	0.02	0.02	0.07	0.15	0.15
		1986	12	0.041	0.005	0.09	0.031	0.009	75.5	0.005	0.005	0.02	0.03	0.07	0.09	0.09
		1987	8	0.06	0.03	0.11	0.033	0.012	54.9	0.03	0.03	0.035	0.05	0.085	0.11	0.11
		1988	18	0.068	0.01	0.19	0.054	0.013	79.3	0.01	0.01	0.03	0.05	0.09	0.19	0.19
		1989	12	0.033	0.005	0.07	0.021	0.006	64.0	0.005	0.005	0.02	0.03	0.041	0.07	0.07
		1990	12	0.023	0.01	0.04	0.012	0.003	49.5	0.01	0.01	0.025	0.03	0.04	0.04	0.04
		1991	19	0.026	0.005	0.06	0.019	0.004	73.5	0.005	0.005	0.02	0.04	0.06	0.06	0.06
		1992	18	0.03	0.01	0.05	0.012	0.003	39.6	0.01	0.01	0.02	0.03	0.04	0.05	0.05
		1993	27	0.035	0.005	0.06	0.013	0.003	37.1	0.005	0.02	0.03	0.04	0.04	0.05	0.06
		1994	32	0.041	0.01	0.07	0.017	0.003	42.1	0.02	0.02	0.03	0.04	0.06	0.06	0.07
		1995	14	0.03	0.005	0.06	0.022	0.006	72.4	0.005	0.0075	0.01	0.02	0.05	0.06	0.06
		1996	4	0.014	0.005	0.02	0.007	0.004	51.6	0.005	0.005	0.008	0.015	0.0195	0.02	0.02
		1997	7	0.020	0.0075	0.046	0.014	0.005	70.5	0.0075	0.0075	0.0075	0.018	0.027	0.046	0.046
		1998	5	0.015	0.005	0.022	0.009	0.004	61.3	0.005	0.005	0.022	0.022	0.022	0.022	0.022
		1999	6	0.008	0.005	0.02	0.006	0.002	72.7	0.005	0.005	0.005	0.01	0.02	0.02	0.02
	Mississippi River Gulf Outlet	1979	2	0.19	0.19	0.19	0	0	0.0	0.19	0.19	0.19	0.19	0.19	0.19	0.19
	Mississippi River Passes	1976	8	0.154	0.05	0.28	0.100	0.035	64.8	0.05	0.05	0.06	0.15	0.24	0.28	0.28
	New Orleans East leveed waterbodies	1976	2	0.07	0.05	0.09	0.028	0.02	40.4	0.05	0.05	0.05	0.07	0.09	0.09	0.09
	The Rigolets	1996	2	0.02	0.01	0.03	0.014	0.01	70.7	0.01	0.01	0.01	0.02	0.03	0.03	0.03
	Tiger, Red, Grand, and Tante Phine Passes	1977	5	0.023	0	0.05	0.025	0.011	108.3	0	0	0.005	0.01	0.05	0.05	0.05
	West Pearl River	1995	3	0.037	0.03	0.04	0.006	0.003	15.7	0.03	0.03	0.03	0.04	0.04	0.04	0.04

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MS	Bayou Talla - Jourdan River	1972	2	0.13	0.05	0.21	0.113	0.08	87.0	0.05	0.05	0.05	0.13	0.21	0.21	0.21
		1973	1	0.21	0.21	0.21										
	Choctaw Creek - Tuxachanie Creek	1999	8	0.040	0.0024089	0.0985185	0.037	0.013	91.3	0.0024089	0.0024089	0.00455	0.03577	0.0711738	0.0985185	0.0985185
	East Mississippi Sound	1993	1	0.069	0.069	0.069										
	Polar Branch - Wolf River	1979	3	0.033	0.01	0.07	0.032	0.019	96.4	0.01	0.01	0.01	0.02	0.07	0.07	0.07
		1980	17	0.068	0.01	0.19	0.073	0.018	107.7	0.01	0.01	0.02	0.03	0.16	0.19	0.19
		1981	10	0.054	0.005	0.15	0.057	0.018	105.4	0.005	0.005	0.005	0.04	0.07	0.15	0.15
		1982	12	0.039	0.005	0.06	0.021	0.006	52.4	0.005	0.005	0.03	0.04	0.06	0.06	0.06
		1983	8	0.018	0.005	0.03	0.013	0.005	76.4	0.005	0.005	0.005	0.0175	0.03	0.03	0.03
		1984	8	0.029	0.005	0.07	0.027	0.010	95.1	0.005	0.005	0.0075	0.02	0.05	0.07	0.07
		1985	8	0.013	0.005	0.02	0.008	0.003	64.1	0.005	0.005	0.005	0.0125	0.02	0.02	0.02
		1986	6	0.024	0.02	0.03	0.005	0.002	20.8	0.02	0.02	0.02	0.021	0.03	0.03	0.03
	West Pascagoula River - East Pascagoula River	1992	1	0.09	0.09	0.09										

Attachment E: Chlorophyll a - fluorometer Summaries by State, HUC 12 and Year
units: ug/L

Summaries by State, HUC 12 and Year	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
units: ug/L	Bon Secour Bay	1989	29	9.26	1.34	24.92	7.136	1.325	77.1	2	2.1	4.27	6.01	14.69	21.36	23.14
		1990	53	6.77	1.6	44.75	6.640	0.912	98.0	1.70	2.07	2.84	5.16	8.61	13.6	14.72
		1991	175	10.49	0.18	56.04	9.560	0.723	91.2	1.68	2.39	4.56	6.97	12.59	25.22	32.28
		1992	181	4.40	0.2	36.85	5.435	0.404	123.6	0.56	0.78	1.34	2.61	5.49	8.78	10.95
		1993	35	4.07	0.01	26.22	5.681	0.960	139.6	0.18	0.25	0.83	2.25	3.73	14.1	16.86
		1994	44	7.23	0.65	20.02	5.623	0.848	77.8	1.23	1.58	3.07	5.79	10.43	17.35	19.48
		1995	26	5.74	0.56	19.84	4.611	0.904	80.3	0.59	0.8	2.01	5.4	7.24	12.99	14.05
		1997	5	5.29	4.37	6.22	0.789	0.353	14.9	4.37	4.37	4.66	5.3	5.91	6.22	6.22
		1998	51	5.37	1.19	17.45	3.770	0.528	70.2	1.67	2.34	3.4	4	6.04	11.27	15.11
		1999	47	4.98	0.71	16.29	3.538	0.516	71.1	0.94	1.53	2.18	4.37	6.55	9.5	10.31
	Lower Fish River	1990	143	16.92	2.07	38.34	8.510	0.712	50.3	4.39	7.88	10.59	15.36	22.08	28.79	33.57
		1991	446	34.91	0.08	748.78	40.188	1.903	115.1	3.51	11.58	19.47	30.75	41.31	57.79	74.88
		1992	109	23.58	0.66	112.08	20.112	1.926	85.3	2.23	2.82	9.88	19.33	31.76	50.18	63.22
		1996	190	20.23	0.32	62.17	16.469	1.195	81.4	0.775	1.255	5.72	15.245	34.3	42.88	47.16
		1997	250	16.46	0.32	92.04	16.524	1.045	100.4	0.88	1.205	2.77	10.71	25.1	39.27	51.19
		1998	118	11.71	0	55.32	13.372	1.231	114.2	0.17	0.57	1.93	5.425	21.56	34.75	37.44
		1999	82	19.80	0	73.75	19.388	2.141	97.9	0.42	0.67	2.89	12.195	35.43	41.13	62.12
	Lower Mobile Bay	1989	14	16.31	4.97	37.38	9.954	2.660	61.0	4.97	5.34	8.01	14.15	18.7	32	37.38
		1990	27	7.17	1.14	27.11	6.120	1.178	85.4	1.3	1.78	2.32	5.42	10	16.9	17.56
		1991	62	8.71	0.59	30.98	6.718	0.853	77.2	2.47	2.92	3.85	6.56	11.62	17.94	23.11
		1992	79	7.47	0.6	75.07	11.206	1.261	149.9	0.78	1	1.55	3.75	7.82	19.67	32.15
		1993	31	3.36	0	17.59	4.888	0.878	145.3	0	0.14	0.53	1.58	3.46	12.23	15.66
		1994	53	8.95	0.16	33.79	7.148	0.982	79.9	1.37	2.12	3.17	6.34	12.2	16.97	22.15
		1995	28	5.71	1.47	20.59	4.128	0.780	72.2	1.72	2.79	3.14	4.38	6.665	12.22	13.9
		1997	3	6.02	2.3	9.96	3.834	2.214	63.7	2.3	2.3	2.3	5.81	9.96	9.96	9.96
		1998	30	7.34	1.7	31.61	6.139	1.121	83.6	2.6	2.83	3.74	4.91	8.51	15.59	17.23
		1999	28	8.14	0.99	20.15	6.133	1.159	75.3	1.45	1.74	2.78	6.615	13.01	18.71	18.8
	Magnolia River	1990	7	21.77	7.75	39.59	11.449	4.327	52.6	7.75	7.75	7.88	21	28.92	39.59	39.59
		1991	20	41.72	0.49	273.69	57.513	12.860	137.9	7.13	13.89	18.185	28.205	37.53	71.6	176.61
		1992	8	19.85	3.08	40.28	13.118	4.638	66.1	3.08	3.08	11.27	16.195	30.235	40.28	40.28
	Middle Mobile Bay	1989	25	13.34	3.2	40.05	8.695	1.739	65.2	4.27	4.27	8.01	10.68	18.69	24	26.7
		1990	42	7.76	1.08	34.97	6.730	1.039	86.7	1.37	1.55	2.58	6.095	12.39	14.33	17.3
		1991	63	6.92	1.23	33.95	5.443	0.686	78.6	1.63	2.58	3.38	5.42	9.3	11.62	14.72
		1992	92	5.72	0.34	73.85	9.919	1.034	173.3	0.64	1.08	1.785	3.415	6.04	8.05	19.25
		1993	32	3.02	0.08	10.64	3.192	0.564	105.7	0.12	0.19	0.375	1.485	6.155	7.36	9.69
		1994	49	9.55	0.4	57.4	9.699	1.386	101.6	1.27	2.11	3.01	7.76	13.31	20.14	22.36
		1995	28	6.04	0.16	16.79	4.326	0.817	71.6	0.75	1.11	3.27	5	8.3	12.88	15.85
		1997	4	7.16	3.79	13.08	4.222	2.111	59.0	3.79	3.79	4.145	5.875	10.165	13.08	13.08
		1998	49	7.94	1.49	31.06	5.477	0.782	69.0	2.41	2.77	4.77	6.88	9.24	14.64	18.72
		1999	38	11.94	2.43	32.91	7.582	1.230	63.5	2.64	3.57	5.96	10.53	15.42	20.57	31.18

Attachment E: Chlorophyll a - fluorometer Summaries by State, HUC 12 and Year
units: ug/L

Summaries by State, HUC 12 and Year	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
	Mississippi Sound	1991	27	4.90	1.56	10.59	1.952	0.376	39.8	2.71	2.8	3.32	4.65	5.85	7.56	8
		1992	24	3.15	0.9	7.07	1.945	0.397	61.8	0.94	1.32	1.51	2.375	4.635	6.68	6.99
		1998	33	7.43	0.68	17.63	3.679	0.640	49.5	2.23	3.57	4.54	7.22	8.85	11.51	15.32
		1999	30	6.49	0.34	14.55	3.636	0.664	56.1	1.25	2.25	3.58	5.93	9.4	10.975	13.06
	Pelican Bay	1989	1	3.30	3.3	3.3										
units: ug/L																
Skunk Bayou		1990	12	15.41	8.78	28.4	5.880	1.697	38.2	8.78	9.3	10.755	14.375	17.625	23.24	28.4
		1991	40	32.86	0.39	140.72	25.443	4.023	77.4	7.69	14.78	19.23	29.935	38.38	50.165	86.995
		1992	16	23.28	5.56	80.14	20.710	5.177	89.0	5.56	6.95	11.4	17.29	27.42	64.8	80.14
		1996	28	25.25	4.29	45.02	10.630	2.009	42.1	5.72	11.79	15.47	27.335	32.16	39.35	41.45
		1997	38	22.72	1.3	50.19	14.518	2.355	63.9	1.61	4.56	10.64	20.58	38.09	45.17	46.58
		1998	20	16.27	0.85	52.48	14.712	3.290	90.4	1.205	1.665	2.1	16.06	23.935	35.6	48.225
		1999	14	24.95	0.81	59.57	17.168	4.588	68.8	0.81	0.84	17.99	20.57	34.04	56.73	59.57
Upper Mobile Bay		1989	33	11.10	1.78	24	4.672	0.813	42.1	3.2	5.34	8.01	10.7	13.35	17.8	18.16
		1990	46	5.41	0.25	14.1	3.953	0.583	73.1	1.24	1.6	2.07	3.72	8.91	11.49	12.91
		1991	77	7.04	0.53	37.18	6.462	0.736	91.7	1.08	1.79	2.62	4.56	10.46	14.69	20.14
		1992	105	3.46	0.28	12.84	2.689	0.262	77.7	0.6	0.75	1.51	2.79	4.52	7.05	9.4
		1993	34	3.09	0.03	20.28	4.983	0.855	161.2	0.05	0.13	0.36	0.815	3.4	7.75	19.91
		1994	44	8.17	0.42	47.91	8.839	1.332	108.2	1.16	1.67	2.995	5.86	9.465	15.31	23.69
		1995	24	5.37	0.68	15.25	3.468	0.708	64.5	0.9	1.86	2.535	5.34	7.34	9.85	9.92
		1997	6	4.58	1.01	8.64	3.083	1.259	67.3	1.01	1.01	2.32	4.275	6.96	8.64	8.64
		1998	59	11.06	0.68	35.26	8.009	1.043	72.4	0.89	2.33	5.3	8.85	15.89	20.59	30.64
		1999	44	9.90	0.43	23.51	5.200	0.784	52.5	2.88	3.43	5.805	9.88	13.765	16.58	17.42
MS	Bayou Costapia - Tchoutacabouffa River	1994	2	0.33	0.22	0.44	0.156	0.110	47.1	0.22	0.22	0.33	0.44	0.44	0.44	0.44
		1995	2	0.35	0.24	0.46	0.156	0.110	44.4	0.24	0.24	0.35	0.46	0.46	0.46	0.46
	Choctaw Creek - Tuxachanie Creek	1999	4	8.59	0.36	22.25	9.645	4.822	112.3	0.36	0.36	2	5.87	15.175	22.25	22.25
	Flat Branch - Bayou Bernard	1990	1	30.12	30.12	30.12										

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Barrow Creek	1966	28	9.47	8	10.7	0.767	0.145	8.1	8.1	8.4	9.1	9.55	9.95	10.6	10.6
		1967	25	10.94	10.1	11.6	0.460	0.092	4.2	10.3	10.3	10.7	10.8	11.3	11.6	11.6
	Bayou Sara	1966	6	9.32	8	10	0.760	0.310	8.2	8	8	9	9.5	9.9	10	10
		1967	8	9.43	8.4	10.7	0.732	0.259	7.8	8.4	8.4	9	9.3	9.85	10.7	10.7
		1973	1	7.20	7.2	7.2										
	Big Chippewa Lake	1966	19	9.39	7.7	10.5	0.792	0.182	8.4	7.7	8.2	9.1	9.6	10	10.3	10.5
		1967	32	10.74	10.1	11.4	0.333	0.059	3.1	10.1	10.3	10.6	10.7	10.9	11.3	11.4
		1990	31	8.06	5.2	8.6	0.667	0.120	8.3	6.7	8	8.2	8.3	8.3	8.3	8.4
		1991	68	6.58	4.2	9	0.690	0.084	10.5	5.3	6.4	6.4	6.6	6.7	7.1	7.1
	Bon Secour Bay	1967	4	7.60	6.7	8.5	0.841	0.420	11.1	6.7	6.7	6.9	7.6	8.3	8.5	8.5
		1989	40	7.13	4	11.8	1.891	0.299	26.5	4.55	5.35	6.1	6.5	7.75	10.95	11.45
		1990	26	7.82	4.9	10.2	1.570	0.308	20.1	5	6	6.7	7.6	9	10.1	10.1
		1991	80	7.18	3.29	12	1.963	0.219	27.3	3.58	5.05	6.15	6.78	8.25	9.97	11.17
		1992	162	7.38	4.1	12.8	1.663	0.131	22.5	4.7	5.4	6.4	7.25	8.4	9.1	9.5
		1993	26	7.47	1.7	10.3	1.902	0.373	25.5	4.7	5	6.6	7.3	8.9	9.7	10.1
		1994	40	7.10	1.9	10.6	1.677	0.265	23.6	4.35	5.35	6.2	6.9	8.15	9.35	10.1
		1995	22	6.68	1.8	10.7	2.283	0.487	34.2	2.6	3.6	5.3	6.8	8.1	9.4	10.1
		1997	10	8.86	6.45	14.16	2.246	0.710	25.3	6.45	6.59	7.11	8.67	9.7	12.02	14.16
		1998	100	7.04	3.79	9.74	1.484	0.148	21.1	4.54	5.33	6.10	6.79	7.88	9.29	9.55
		1999	94	6.49	3.57	9.34	1.361	0.140	21.0	4.51	4.92	5.41	6.35	7.74	8.19	8.85
	Bon Secour River	1988	8	10.35	9.4	12.8	1.062	0.376	10.3	9.4	9.4	9.7	10.2	10.4	12.8	12.8
		1989	89	9.91	5.4	15.4	2.346	0.249	23.7	6.1	6.6	8.2	9.8	11.4	13	14
		1990	88	10.02	7.2	14.4	1.243	0.133	12.4	8.2	8.8	9.2	9.8	10.6	11.2	12.2
		1991	65	9.34	6.1	12.6	1.591	0.197	17.0	6.8	7.3	8.2	9.2	10.7	11.4	11.8
		1992	93	7.45	5.3	9.8	1.315	0.136	17.6	5.5	5.6	6.5	7.5	8.4	9.4	9.8
		1993	142	7.23	4.6	11.6	1.602	0.134	22.2	5	5.3	6	7.2	8	8.9	10.6
		1994	6	5.07	3.3	6.4	1.322	0.540	26.1	3.3	3.3	3.7	5.45	6.1	6.4	6.4
FL	Fly Creek	1994	4	6.95	6.7	7.2	0.238	0.119	3.4	6.7	6.7	6.75	6.95	7.15	7.2	7.2
		2003	28	7.33	3.64	8.35	0.962	0.182	13.1	5.46	6.41	7.03	7.53	7.99	8.21	8.23
GA	Fowl River	2003	11	6.23	5.18	7.14	0.742	0.224	11.9	5.18	5.27	5.4	6.54	6.82	7.03	7.14
WI	Grand Bay	1966	22	8.88	7.4	10.5	0.931	0.199	10.5	7.6	7.8	8.1	8.75	9.5	10.4	10.4
		1967	40	10.23	8	11.6	0.862	0.136	8.4	8.2	8.85	9.95	10.6	10.7	10.85	11.25
		1973	119	5.62	0.7	6.7	1.385	0.127	24.6	1.5	3.4	5.7	6	6.3	6.6	6.7
		1976	11	7.56	5.5	10.1	1.574	0.475	20.8	5.5	5.7	6.4	7.6	8.6	10	10.1
		1977	3	8.93	7.5	11.1	1.909	1.102	21.4	7.5	7.5	7.5	8.2	11.1	11.1	11.1
		1990	16	5.26	2.1	6.5	1.407	0.352	26.8	2.1	2.9	4.5	5.85	6.25	6.5	6.5
MI	Grand Bay Swamp	1966	6	9.63	8.8	10.4	0.731	0.299	7.6	8.8	8.8	8.8	9.8	10.2	10.4	10.4
		1967	8	9.49	8.4	10.8	0.901	0.319	9.5	8.4	8.4	8.85	9.1	10.4	10.8	10.8
GA	Gum Swamp	2003	8	7.25	5.86	8.84	1.004	0.355	13.8	5.86	5.86	6.51	7.25	7.89	8.84	8.84
GA	Halls Creek	1994	1	7.80	7.8	7.8										
WI	Little Lagoon	1992	5	7.76	6.8	8.6	0.808	0.361	10.4	6.8	6.8	7.3	7.5	8.6	8.6	8.6
		1999	3	7.23	6.3	7.9	0.833	0.481	11.5	6.3	6.3	7.5	7.9	7.9	7.9	7.9
		2000	23	6.62	5.54	8.7	0.660	0.138	10.0	5.7	5.83	6.24	6.51	6.87	7.4	7.5
WI	Lower Cedar Creek	1966	4	9.68	8	10.9	1.340	0.670	13.9	8	8	8.6	9.9	10.75	10.9	10.9
		1967	5	10.40	9.8	11	0.524	0.235	5.0	9.8	9.8	10.1	10.2	10.9	11	11
WI	Lower Chasaw Creek	1973	76	2.62	0	8	2.752	0.316	104.9	0	0	0	1.6	4.85	6.4	7.4
		1990	63	3.95	1.2	6.2	1.647	0.208	41.7	1.5	1.6	2.2	4.5	5.4	5.9	6

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Lower Dog River	1966	6	10.22	9.2	10.8	0.556	0.227	5.4	9.2	9.2	10.1	10.35	10.5	10.8	10.8
		1967	8	11.29	10.6	13.1	0.911	0.322	8.1	10.6	10.6	10.7	10.95	11.65	13.1	13.1
		2000	9	8.73	7.2	11.7	1.527	0.509	17.5	7.2	7.2	7.5	8.18	9	11.7	11.7
		2001	31	8.32	5.09	14.17	1.937	0.348	23.3	5.52	6.1	6.9	8.31	9.41	9.91	12.5
		2002	35	7.21	3.3	12.32	2.073	0.350	28.8	4.27	5.1	5.8	6.99	8.6	10.41	11.42
		2003	24	7.25	5.43	11.23	1.589	0.324	21.9	5.5	5.78	6.31	6.86	7.83	10.5	10.75
	Lower Fish River	1966	12	8.94	7.2	10	0.843	0.243	9.4	7.2	7.7	8.55	9.1	9.55	9.7	10
		1967	17	8.70	6.3	10.5	1.014	0.246	11.7	6.3	7.5	8.1	8.8	9.2	9.9	10.5
		1990	3	8.83	7.9	10.5	1.447	0.835	16.4	7.9	7.9	7.9	8.1	10.5	10.5	10.5
		1991	304	9.26	2.8	16.74	2.405	0.138	26.0	5.52	6.35	7.4	9.4	10.95	12.48	13.23
		1992	104	6.82	3.24	11.27	1.746	0.171	25.6	4.6	4.8	5.56	6.66	7.81	9.33	10.3
		1993	2	11.10	9	13.2	2.970	2.100	26.8	9	9	9	11.1	13.2	13.2	13.2
		1994	2	6.50	6	7	0.707	0.500	10.9	6	6	6	6.5	7	7	7
		1995	3	7.77	7.3	8.4	0.569	0.328	7.3	7.3	7.3	7.3	7.6	8.4	8.4	8.4
		1996	194	7.22	1.96	11.55	1.693	0.122	23.4	4.26	5.33	6.24	7.08	8.3	9.42	10.33
		1997	250	7.60	2.39	15	1.969	0.125	25.9	4.77	5.36	6.42	7.35	8.4	9.97	11.84
	Lower Mobile Bay	1998	118	7.29	1.53	10.09	1.397	0.129	19.2	4.9	5.46	6.7	7.46	8.33	8.72	8.96
		1999	94	7.65	2.7	11.56	1.857	0.192	24.3	4.9	5.5	6.22	7.6	8.61	10.2	11.24
		1989	23	7.16	2.6	11	2.148	0.448	30.0	3.6	3.9	6	7.2	7.7	10.9	11
		1990	40	8.75	4.6	12.7	2.009	0.318	23.0	5.1	6.4	7.64	8.60	9.24	12.3	12.6
		1991	47	7.37	1.1	12.89	2.219	0.324	30.1	2.41	5.1	6.5	7.05	8.9	9.91	10.4
		1992	80	7.63	1.39	12.7	2.075	0.232	27.2	4.15	5.2	6.6	7.53	8.55	10.55	11.55
		1993	23	7.23	0.5	10.7	2.679	0.559	37.1	2.6	2.6	6.5	7.3	9.5	10.3	10.4
		1994	48	6.68	0.5	11.2	2.613	0.377	39.1	1.4	2.3	5	7.25	8.55	9.5	10.5
		1995	24	5.75	0.7	10.6	2.600	0.531	45.2	1.7	1.8	3.6	6.45	7.5	8.3	8.7
		1997	6	8.67	6.25	9.95	1.405	0.574	16.2	6.25	6.25	7.78	9.18	9.7	9.95	9.95
		1998	69	7.09	1.91	10.01	1.789	0.215	25.2	3.63	4.12	6.17	7.07	8.48	9.24	9.43
		1999	60	6.37	2.1	9.7	1.733	0.224	27.2	2.86	4.19	4.86	6.74	7.67	8.40	8.76
AL	Magnolia River	1966	6	5.02	2.1	8	2.271	0.927	45.3	2.1	2.1	4	4.25	7.5	8	8
		1967	9	8.02	7.3	8.9	0.554	0.185	6.9	7.3	7.3	7.6	8	8.4	8.9	8.9
		1991	13	6.96	2.03	10.81	2.842	0.788	40.8	2.03	2.5	4.5	7.95	8.8	9.89	10.81
		1992	7	5.71	3.26	8.06	1.819	0.688	31.8	3.26	3.26	4.45	5	7.77	8.06	8.06
		1994	7	7.44	6.3	8.5	0.779	0.294	10.5	6.3	6.3	6.9	7.2	8.1	8.5	8.5
		1995	9	8.00	6.1	11	1.401	0.467	17.5	6.1	6.1	7.1	8	8.3	11	11
		1996	2	7.40	7.2	7.6	0.283	0.200	3.8	7.2	7.2	7.2	7.4	7.6	7.6	7.6
AL	Majors Creek	1994	3	9.43	7.6	11.5	1.960	1.132	20.8	7.6	7.6	7.6	9.2	11.5	11.5	11.5
		1995	8	8.49	6	11.5	1.794	0.634	21.1	6	6	7.5	8.05	9.65	11.5	11.5
		1996	2	9.45	9.2	9.7	0.354	0.250	3.7	9.2	9.2	9.45	9.7	9.7	9.7	9.7
AL	Middle Fish River	1994	2	6.65	5.9	7.4	1.061	0.750	15.9	5.9	5.9	5.9	6.65	7.4	7.4	7.4
	Middle Mobile Bay	1966	5	9.40	8.1	10.2	0.977	0.437	10.4	8.1	8.1	8.6	10	10.1	10.2	10.2
		1967	44	10.90	9	12	0.636	0.096	5.8	9.5	10.4	10.6	11	11.3	11.5	11.9
		1989	36	7.31	1.8	11.7	2.319	0.387	31.7	2.7	4.6	6.75	7.35	8.05	10.8	11.5
		1990	33	7.66	3.3	13.5	2.391	0.416	31.2	3.7	4.5	6.5	7.8	8.7	10.8	12.1
		1991	24	6.51	1.9	9.3	1.972	0.403	30.3	2	3.6	6.1	6.7	7.6	8.9	8.9
		1992	84	7.33	2.6	12.4	2.168	0.237	29.6	3.7	4	6.4	7.25	8.3	10.3	11.2
		1993	23	6.90	0.5	11	3.010	0.628	43.6	1.1	1.3	6.5	7.4	8.9	10.4	10.7
		1994	44	7.18	1.1	11.6	2.305	0.347	32.1	2.7	3.8	6.05	7.6	8.65	9.8	9.9

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Middle Mobile Bay	1995	24	6.05	0.2	10.9	2.871	0.586	47.4	1	1.8	3.7	6.8	8.15	8.8	9.4
		1997	9	8.65	6.3	10.37	1.594	0.531	18.4	6.3	6.3	6.97	9.23	9.73	10.37	10.37
		1998	92	7.16	1.67	9.78	1.813	0.189	25.3	3.19	4.59	6.2	7.55	8.62	9.07	9.26
		1999	78	6.70	0.82	9.45	1.931	0.219	28.8	2.31	3.78	5.71	7.25	8.2	8.89	9.2
		2000	9	7.06	4.4	11	2.124	0.708	30.1	4.4	4.4	5.79	6.2	8.69	11	11
		2001	33	6.55	1.76	12.6	2.580	0.449	39.4	1.86	2.2	5.8	6.5	7.79	9.19	12.1
		2002	38	7.45	2.23	12.59	2.277	0.369	30.6	2.79	4.4	6.55	7.48	8.83	10.41	12.1
		2003	38	8.24	6.42	12.01	1.217	0.197	14.8	6.45	6.73	7.61	7.99	8.34	10.67	10.92
	Mississippi Sound	1966	6	10.35	9.5	11.6	0.831	0.339	8.0	9.5	9.5	9.5	10.35	10.8	11.6	11.6
		1967	8	10.79	9.5	13	1.373	0.485	12.7	9.5	9.5	9.6	10.3	12	13	13
		1987	2	8.10	7.5	8.7	0.849	0.600	10.5	7.5	7.5	7.5	8.1	8.7	8.7	8.7
		1988	21	7.77	5.8	10.3	1.228	0.268	15.8	6.4	6.4	7.1	7.4	8.2	9.4	10.3
		1989	51	7.56	5.8	12.1	1.184	0.166	15.7	6.3	6.5	6.8	7.3	8.1	9.4	9.4
		1990	27	8.37	5.5	11	1.347	0.259	16.1	5.9	6	8	8.22	9.69	9.73	10
		1991	34	6.72	3.85	9.5	1.058	0.181	15.7	4.5	6	6.1	6.56	7.3	8	8.64
		1992	26	7.07	2.57	9.7	1.434	0.281	20.3	4.7	5.88	6.6	7.15	7.9	8.67	8.8
		1993	2	8.50	8.29	8.71	0.297	0.210	3.5	8.29	8.29	8.29	8.5	8.71	8.71	8.71
		1998	66	7.27	1.11	9.77	1.708	0.210	23.5	4.11	5.37	6.39	7.29	8.75	9.39	9.49
		1999	60	7.26	5.2	9.58	1.027	0.133	14.2	5.46	5.88	6.41	7.50	8.09	8.33	8.48
	Mittlin Lake	1966	4	9.18	8	10.3	0.971	0.485	10.6	8	8	8.45	9.2	9.9	10.3	10.3
		1967	8	10.66	10.2	11.2	0.292	0.103	2.7	10.2	10.2	10.5	10.65	10.8	11.2	11.2
		1974	5	7.20	5.7	10	1.642	0.734	22.8	5.7	5.7	6.5	6.8	7	10	10
		1975	12	7.27	5.2	9.9	1.632	0.471	22.5	5.2	5.3	5.8	7.15	8.4	9.7	9.9
		1977	103	7.71	0.8	11.8	1.320	0.130	17.1	6.15	6.5	7.05	7.5	8.3	9.4	10.4
		1978	93	8.26	5.7	12.5	1.744	0.181	21.1	6.2	6.3	6.8	7.8	10	10.9	11.2
		1979	44	7.64	2.7	10.4	1.490	0.225	19.5	5.9	6.2	6.8	7.35	8.7	9.7	10
		1980	58	8.07	4	11.3	1.588	0.208	19.7	6.2	6.45	6.8	7.7	9.2	10.6	10.8
		1981	43	8.08	6	11.8	1.590	0.242	19.7	6.2	6.4	6.9	7.6	9.5	10.5	11
		1982	44	7.88	6	10.4	1.286	0.194	16.3	6	6.5	6.85	7.7	8.65	10.2	10.2
		1983	41	8.17	6.8	11	1.115	0.174	13.6	6.9	7	7.3	7.9	8.7	10	10.2
		1984	48	8.46	6.3	11.8	1.448	0.209	17.1	6.3	7	7.4	7.85	9.75	10.5	10.6
		1985	22	9.44	6.8	12.6	1.877	0.400	19.9	6.8	7	7.5	9.75	11	11.7	12.2
		1986	14	6.79	5.3	8.1	0.795	0.212	11.7	5.3	5.6	6.4	6.75	7.3	7.9	8.1
		1987	14	7.84	6.7	9.6	0.746	0.199	9.5	6.7	7.1	7.4	7.65	8.2	8.8	9.6
		1988	12	6.85	5.4	8.8	1.169	0.337	17.1	5.4	5.5	5.95	6.65	8.05	8.3	8.8
		1989	13	7.45	5.1	9.6	1.087	0.301	14.6	5.1	6.4	7.1	7.3	7.9	8.9	9.6
		1990	14	7.09	6	8.7	0.950	0.254	13.4	6	6.1	6.4	6.7	8	8.5	8.7
		1991	14	6.92	5.8	8.7	0.848	0.227	12.3	5.8	6.1	6.4	6.73	7.3	8.6	8.7
		1992	14	7.03	5.8	9.25	0.933	0.249	13.3	5.8	6.3	6.4	6.7	7.6	8.4	9.25
		1993	14	6.91	5.6	8.6	0.908	0.243	13.1	5.6	5.6	6.1	6.95	7.4	8	8.6
		1994	14	7.24	5.1	9	1.051	0.281	14.5	5.1	5.3	7	7.25	7.8	8.53	9
		1995	14	7.09	5.4	8.9	1.061	0.284	15.0	5.4	5.8	6.4	7.05	7.7	8.7	8.9
		1996	14	7.04	3.6	8.4	1.224	0.327	17.4	3.6	6.2	6.5	7.3	8.1	8.2	8.4
		1997	4	7.30	6	8.9	1.230	0.615	16.9	6	6	6.4	7.15	8.2	8.9	8.9
	Oyster Bay	2000	1	6.78	6.78	6.78										
	Powell Creek	1965	4	6.98	4.9	7.9	1.408	0.704	20.2	4.9	4.9	6.1	7.55	7.85	7.9	7.9
	Rains Creek	1994	2	7.85	7.4	8.3	0.636	0.450	8.1	7.4	7.4	7.4	7.85	8.3	8.3	8.3

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Seabury Creek	1966	6	10.25	9.3	10.9	0.599	0.245	5.8	9.3	9.3	10.1	10.15	10.9	10.9	10.9
		1967	7	10.19	9.2	11.2	0.724	0.274	7.1	9.2	9.2	9.4	10.2	10.9	11.2	11.2
		1972	9	8.86	7.9	10.8	0.962	0.321	10.9	7.9	7.9	8.2	8.7	8.9	10.8	10.8
		1973	11	9.25	7.3	11	1.270	0.383	13.7	7.3	7.8	7.9	9.8	10.3	10.4	11
		1974	11	9.09	7.8	11.3	1.127	0.340	12.4	7.8	7.9	8.2	8.8	10.3	10.5	11.3
		1975	9	9.01	6.9	10.6	1.116	0.372	12.4	6.9	6.9	8.6	9	9.6	10.6	10.6
		1976	5	9.98	8.6	11.8	1.305	0.583	13.1	8.6	8.6	9.1	9.6	10.8	11.8	11.8
		1977	2	8.65	8.1	9.2	0.778	0.550	9.0	8.1	8.1	8.1	8.65	9.2	9.2	9.2
		1978	3	8.90	7.9	10.3	1.249	0.721	14.0	7.9	7.9	7.9	8.5	10.3	10.3	10.3
		1980	2	7.75	7.3	8.2	0.636	0.450	8.2	7.3	7.3	7.3	7.75	8.2	8.2	8.2
		1981	1	8.80	8.8	8.8										
		1982	1	7.20	7.2	7.2										
		1983	2	9.10	8.4	9.8	0.990	0.700	10.9	8.4	8.4	8.4	9.1	9.8	9.8	9.8
		1998	5	7.74	7.5	7.9	0.219	0.098	2.8	7.5	7.5	7.5	7.9	7.9	7.9	7.9
AL	Skunk Bayou	1991	25	9.27	3.48	12.7	2.406	0.481	26.0	4.83	5.82	8	9.87	10.85	12.15	12.27
		1992	14	7.43	4.69	9.76	1.864	0.498	25.1	4.69	5.01	5.4	7.82	9.09	9.53	9.76
		1996	28	7.62	4.91	12.4	1.833	0.346	24.1	4.91	5.15	6.04	7.73	8.49	9.89	11.25
		1997	38	8.18	4.79	13.7	2.428	0.394	29.7	4.9	5.31	6.5	7.51	9.56	12.89	13.4
		1998	20	8.06	6.38	11.1	1.315	0.294	16.3	6.46	6.56	7.02	7.92	9.03	9.84	10.84
		1999	16	8.34	3.9	11.93	2.287	0.572	27.4	3.9	4.1	7.135	8.71	9.65	11.75	11.93
AL	Tensaw River-Apalachee River	1966	16	4.58	0	9.3	3.904	0.976	85.2	0	0	0.35	4.6	8.55	8.9	9.3
		1967	51	8.18	0	11.6	3.266	0.457	39.9	1.6	2.6	7.2	9.6	10.3	10.7	11
		1973	198	2.69	0	6.8	2.383	0.169	88.5	0	0	2	5.1	6.1	6.3	
		1990	24	3.78	2	5.8	1.477	0.301	39.0	2	2.1	2.6	3.45	5.1	5.8	5.8
		1994	6	6.35	5.3	7.8	1.115	0.455	17.6	5.3	5.3	5.4	6.15	7.3	7.8	7.8
AL	The Basin	1966	10	9.58	8	10.3	0.724	0.229	7.6	8	8.5	9.1	9.7	10.2	10.3	10.3
		1967	16	10.18	8.8	11.4	0.716	0.179	7.0	8.8	9	9.7	10.35	10.6	10.9	11.4
		1994	2	6.80	6.3	7.3	0.707	0.500	10.4	6.3	6.3	6.3	6.8	7.3	7.3	7.3
AL	Three Mile Creek	1966	6	0.23	0	1.4	0.572	0.233	244.9	0	0	0	0	0	1.4	1.4
		1967	8	0.64	0	5.1	1.803	0.638	282.8	0	0	0	0	0	5.1	5.1
		1973	50	2.66	0	10.3	2.414	0.341	90.7	0	0	0.8	2.1	3.7	6.15	7.2
AL	Upper Bay Minette Creek	1966	6	8.93	8	10	0.712	0.291	8.0	8	8	8.4	8.9	9.4	10	10
		1993	1	9.60	9.6	9.6										
		1994	4	8.70	7.2	11.1	1.699	0.850	19.5	7.2	7.2	7.55	8.25	9.85	11.1	11.1
		1995	9	8.27	6.5	10.3	1.246	0.415	15.1	6.5	6.5	7.4	7.9	9.4	10.3	10.3
		1996	2	8.75	8.6	8.9	0.212	0.150	2.4	8.6	8.6	8.6	8.75	8.9	8.9	8.9
AL	Upper Dog River	1973	4	4.58	1.3	7.2	2.443	1.222	53.4	1.3	1.3	3	4.9	6.15	7.2	7.2
		1972	4	8.55	7.6	10.2	1.147	0.574	13.4	7.6	7.6	7.8	8.2	9.3	10.2	10.2
AL	Upper Fish River	1993	5	8.18	6.5	9.7	1.482	0.663	18.1	6.5	6.5	6.9	8.2	9.6	9.7	9.7
		1994	6	7.03	6.1	7.6	0.635	0.259	9.0	6.1	6.1	6.4	7.25	7.6	7.6	7.6
		1995	7	8.04	7.2	10	0.952	0.360	11.8	7.2	7.2	7.4	7.9	8.2	10	10
		1996	4	8.35	8.1	8.6	0.208	0.104	2.5	8.1	8.1	8.2	8.35	8.5	8.6	8.6
		1997	1	8.00	8	8										

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Upper Mobile Bay	1966	17	9.17	8.2	9.6	0.425	0.103	4.6	8.2	8.4	9	9.3	9.5	9.6	9.6
		1967	57	10.26	8	11.9	0.794	0.105	7.7	8.5	9.5	9.7	10.4	10.6	11.3	11.5
		1973	24	3.53	1.1	6.4	1.558	0.318	44.2	1.7	1.8	2.3	3.1	5.05	5.5	6.3
		1989	38	6.77	1.3	11.1	2.667	0.433	39.4	1.3	2	5.6	7	8.2	10.5	10.9
		1990	37	7.49	3	11.7	1.949	0.320	26.0	3.6	3.8	6.7	8.1	8.5	9.2	10.5
		1991	30	6.53	1.3	9.3	2.172	0.397	33.3	1.6	2.1	5.9	7.1	7.8	8.85	8.9
		1992	99	7.23	1.1	12.1	2.261	0.227	31.3	2.2	3.6	6.1	7.4	8.5	9.9	11.2
		1993	25	6.53	0.2	9.7	2.674	0.535	40.9	1.3	1.6	6.6	7.5	8.4	8.7	9.2
		1994	36	7.09	1.8	11.8	2.365	0.394	33.4	2.6	3.2	5.65	7.45	8.5	10	11.2
		1995	22	6.26	0.2	11	2.796	0.596	44.7	1.8	2.2	4.8	6.7	8.3	9.2	9.2
		1997	11	8.28	5.61	9.5	1.324	0.399	16.0	5.61	6	7.93	8.6	9.2	9.48	9.5
		1998	97	7.25	0.92	10.2	1.993	0.202	27.5	2.6	3.56	6.61	7.92	8.63	8.97	9.19
		1999	80	6.50	1.07	9.45	1.900	0.212	29.2	1.83	4.00	5.65	6.91	7.76	8.61	8.75
	Yancey Branch	2000	7	5.98	4.38	8.63	1.639	0.619	27.4	4.38	4.38	4.73	4.94	7.25	8.63	8.63
		2001	32	6.48	0.68	11.6	2.204	0.390	34.0	2.38	4.04	5.62	6.4	7.5	8.54	11.6
		2002	40	7.04	0.49	15.7	2.774	0.439	39.4	3.37	4.09	5.35	6.9	8.48	9.87	12.27
		2003	29	7.55	4.53	11.35	1.508	0.280	20.0	4.8	5.2	6.74	7.38	8.19	9.87	10.27
LA	Bayou Sauvage	1975	11	8.62	7.2	10.4	0.935	0.282	10.8	7.2	7.5	7.7	8.8	9.1	9.3	10.4
		1978	10	7.87	6.6	11.1	1.558	0.493	19.8	6.6	6.65	6.7	7.25	8.2	10.6	11.1
		1979	68	8.05	5.4	12.3	1.058	0.128	13.1	6.7	7.1	7.45	7.9	8.5	8.8	10.5
		1980	25	8.50	5.7	11.5	1.514	0.303	17.8	6.1	6.5	7.3	9	9.6	10.2	10.4
		1981	13	8.33	5.7	11.9	2.095	0.581	25.1	5.7	6.2	6.3	8	9.7	11.3	11.9
		1982	11	7.78	4.9	13	2.627	0.792	33.8	4.9	4.9	5.5	7.4	10.3	10.5	13
		1983	12	9.16	6.4	11.7	1.654	0.478	18.1	6.4	6.9	7.75	9.5	10.05	11.3	11.7
		1984	12	8.52	6.2	11.2	1.841	0.532	21.6	6.2	6.9	6.95	8.05	10.35	11.1	11.2
		1985	12	8.18	6.1	12	1.951	0.563	23.8	6.1	6.2	6.6	7.65	9.45	11	12
		1986	12	8.13	6	11.3	1.613	0.466	19.8	6	6.3	6.95	7.9	9.25	10.1	11.3
		1987	12	8.87	6.9	11	1.182	0.341	13.3	6.9	7.6	7.9	9.05	9.7	9.9	11
		1988	10	8.81	7	11.4	1.697	0.537	19.3	7	7.2	7.4	8.1	10.9	11.3	11.4
		1989	12	8.09	6.6	10.1	1.361	0.393	16.8	6.6	6.7	7	7.55	9.65	10	10.1
		1990	11	8.17	6.1	10.5	1.756	0.530	21.5	6.1	6.4	6.5	8.5	9.7	10.5	10.5
		1991	6	7.42	6.2	9.3	1.232	0.503	16.6	6.2	6.2	6.2	7.2	8.4	9.3	9.3
		1992	7	8.50	6.3	10	1.465	0.554	17.2	6.3	6.3	7.1	9.4	9.6	10	10
		1993	12	7.66	5.66	10.45	1.512	0.437	19.7	5.66	6.3	6.35	7.32	8.94	9.38	10.45
		1994	12	8.10	5.55	11.21	1.765	0.509	21.8	5.55	6.51	6.7	7.76	9.55	10.4	11.21
		1995	11	8.59	6.3	13.92	2.359	0.711	27.5	6.3	6.53	6.71	8.2	9.41	11.6	13.92
		1996	14	9.10	6.2	16.75	2.829	0.756	31.1	6.2	6.5	7.13	8.81	10.51	12.15	16.75
		1997	5	8.50	5.5	10.75	2.198	0.983	25.8	5.5	5.5	6.92	9.66	9.69	10.75	10.75
	Bays Gardene, Black, American and Crabe	1978	11	9.12	7	13	1.774	0.535	19.5	7	7.7	7.9	8.7	10.6	11.2	13
		1979	10	9.01	6.6	11.7	1.620	0.512	18.0	6.6	6.7	7.6	9.1	10.2	11.05	11.7
		1980	12	7.95	6.5	11.2	1.256	0.363	15.8	6.5	6.9	7.1	7.7	8.45	8.8	11.2
		1981	1	12.20	12.2	12.2										
	Chandeleur Sound	1976	9	9.89	8.3	12.2	1.254	0.418	12.7	8.3	8.3	8.9	9.6	10.2	12.2	12.2
	East Pearl River	1966	14	6.14	3.5	7.5	1.200	0.321	19.5	3.5	4.3	5.4	6.5	7	7.5	7.5
	Eloi Bay	1975	2	7.65	6.9	8.4	1.061	0.750	13.9	6.9	6.9	6.9	7.65	8.4	8.4	8.4
		1976	2	8.75	8	9.5	1.061	0.750	12.1	8	8	8	8.75	9.5	9.5	9.5

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	Inner Harbor Navigation Canal	1975	1	7.00	7	7										
		1976	4	10.85	10	11.4	0.597	0.299	5.5	10	10	10.5	11	11.2	11.4	11.4
		1996	2	6.50	6.3	6.7	0.283	0.200	4.4	6.3	6.3	6.3	6.5	6.7	6.7	6.7
	Intracoastal Waterway	1974	13	6.29	3.6	9.3	1.710	0.474	27.2	3.6	4.4	4.9	6.4	7.1	9	9.3
		1975	32	8.24	6.3	10.2	1.041	0.184	12.6	6.5	6.7	7.5	8.2	9.1	9.4	10.1
		1976	18	8.93	6.8	10.4	1.077	0.254	12.1	6.8	6.8	8.5	8.85	9.8	10.2	10.4
		1977	11	7.48	4.1	10.4	2.183	0.658	29.2	4.1	5.3	5.4	7.1	9.6	9.8	10.4
		1978	11	7.65	5.5	10.8	1.445	0.436	18.9	5.5	6.3	6.6	7.4	8.5	9.2	10.8
		1979	10	8.64	6.8	10.8	1.473	0.466	17.0	6.8	6.9	7	8.65	9.7	10.6	10.8
		1980	10	8.14	6.2	10.4	1.708	0.540	21.0	6.2	6.25	6.4	8.05	10.2	10.3	10.4
		1981	4	8.13	6.8	11.4	2.199	1.100	27.1	6.8	6.8	6.85	7.15	9.4	11.4	11.4
		1982	4	8.45	5.2	11.8	2.927	1.464	34.6	5.2	5.2	6.1	8.4	10.8	11.8	11.8
		1983	4	9.55	8	10.8	1.256	0.628	13.1	8	8	8.55	9.7	10.55	10.8	10.8
	LAKE BORGNE	1984	3	9.20	7.4	11.4	2.030	1.172	22.1	7.4	7.4	7.4	8.8	11.4	11.4	11.4
		1994	1	11.10	11.1	11.1										
		1973	76	9.46	6.7	14.2	1.429	0.164	15.1	7.7	8	8.2	9.25	10.6	11.4	11.6
		1974	24	8.64	7.1	10.4	0.971	0.198	11.2	7.2	7.5	7.9	8.5	9.25	10.1	10.2
		1975	36	8.19	5.3	10.2	1.084	0.181	13.2	5.5	7	7.75	8.15	8.88	9.5	10.2
		1976	16	8.61	6	11.8	1.530	0.382	17.8	6	6.9	7.6	8.65	9.35	11.2	11.8
		1977	20	7.97	5.7	12	1.588	0.355	19.9	6.25	6.9	7	7.2	8.6	10.65	11.4
		1979	19	7.12	3.4	9.9	1.995	0.458	28.0	3.4	4.2	5.9	6.9	9.2	9.7	9.9
		1980	26	8.34	6.4	10.5	1.093	0.214	13.1	6.6	7	7.4	8.2	9.3	9.5	10.3
		1981	4	9.90	9.6	10.6	0.476	0.238	4.8	9.6	9.6	9.6	9.7	10.2	10.6	10.6
		1968	14	8.26	5.25	11.9	1.752	0.468	21.2	5.25	6.4	7.09	8.22	8.9	11.2	11.9
		1969	8	11.41	9.12	12.95	1.411	0.499	12.4	9.12	9.12	10.47	11.90	12.25	12.95	12.95
LA	Lake Borgne Canal (Violet Canal)	1973	21	5.06	1.6	7.7	1.553	0.339	30.7	2.7	3.4	4	5.2	6.2	6.9	7.2
		1974	25	6.80	3.8	9.6	1.564	0.313	23.0	4.5	5	5.6	6.7	7.4	9.4	9.6
		1975	39	6.12	1.8	10.7	2.174	0.348	35.5	2.5	2.7	4.5	6	7.8	8.9	9.4
		1976	17	6.22	3.1	11.5	2.393	0.580	38.4	3.1	3.4	4	6.1	8	9.2	11.5
		1977	21	7.57	5.2	12.2	1.859	0.406	24.6	5.3	6.5	6.6	6.8	8.9	10.1	11.5
	Lake Fortuna	1976	2	9.15	8.7	9.6	0.636	0.450	7.0	8.7	8.7	8.7	9.15	9.6	9.6	9.6
		1978	11	8.75	7	11.9	1.677	0.506	19.2	7	7	7.1	8.3	9.4	11.5	11.9
		1979	10	9.02	7.1	11.4	1.629	0.515	18.1	7.1	7.15	7.3	8.9	10.3	11.2	11.4
		1980	10	9.06	6.9	10.8	1.315	0.416	14.5	6.9	7.3	7.9	9.4	9.8	10.8	10.8
		1981	1	11.10	11.1	11.1										
LA	MONTE SANO BAYOU TO HEAD OF PASSES	1969	4	7.93	6.7	10	1.544	0.772	19.5	6.7	6.7	6.75	7.5	9.1	10	10
		1970	14	8.15	5.5	12.1	2.423	0.648	29.7	5.5	5.6	5.8	8.05	9.8	12	12.1
		1971	14	8.18	5.4	11	1.977	0.528	24.2	5.4	5.7	6.2	8.15	10	10.4	11
		1972	22	7.70	5.8	11.6	1.781	0.380	23.1	5.9	5.9	6.2	7.25	9	9.9	11.3
		1973	143	7.99	5.2	11.4	1.536	0.128	19.2	5.9	6.1	6.9	7.7	9	10.5	10.7
		1974	72	8.57	4.9	11.3	1.491	0.176	17.4	6	6.7	7.4	8.85	9.8	10.4	10.7
		1975	54	8.05	5.8	10.5	1.432	0.195	17.8	6.3	6.4	6.9	7.65	9.5	10.3	10.5
		1976	62	9.21	5.8	12	1.636	0.208	17.8	6.2	7.2	7.9	9.35	10.8	11.2	11.4

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	MONTE SANO BAYOU TO HEAD OF PASSES	1977	39	8.19	6.1	11.8	1.743	0.279	21.3	6.1	6.3	6.7	8	8.9	11.6	11.7
		1978	43	8.87	6.3	13.3	2.328	0.355	26.2	6.5	6.6	7.1	7.9	11.9	12.7	12.8
		1979	33	8.77	6	13.8	2.368	0.412	27.0	6.2	6.5	7.1	7.8	10.3	12.9	13.2
		1980	26	8.05	5.4	12.3	1.952	0.383	24.3	5.4	5.6	6.3	7.85	8.7	11.1	11.3
		1981	31	8.27	5.2	11.7	1.986	0.357	24.0	5.7	5.8	6.2	8.5	9.1	11.4	11.6
		1982	21	8.77	6	12.9	2.343	0.511	26.7	6.1	6.2	6.4	8.7	9.6	12.6	12.8
		1983	22	8.46	5.8	12.6	2.097	0.447	24.8	5.9	6	6.5	8.2	10.2	10.6	12.2
		1984	22	8.42	5.6	13	2.205	0.470	26.2	5.8	6.1	6.3	7.9	10.3	11.6	12.6
		1985	22	8.25	5.6	12.6	1.880	0.401	22.8	6.3	6.4	6.6	8.35	8.9	10.6	12.1
		1986	22	8.06	5.9	10.8	1.844	0.393	22.9	6	6.1	6.2	8.1	10.1	10.6	10.6
		1987	22	8.56	6.2	12.3	2.021	0.431	23.6	6.3	6.5	6.9	8	10.3	11.8	12.2
		1988	25	8.10	2.7	11.8	2.134	0.427	26.4	5.1	5.3	7.1	8.4	9.7	10.4	11.4
		1989	18	8.49	5.8	11.3	1.867	0.440	22.0	5.8	6.1	7.1	8.1	10.2	11.2	11.3
		1990	18	8.32	5.2	12	1.894	0.447	22.8	5.2	5.4	6.7	8.85	9.6	10.6	12
		1991	21	8.41	5.9	11.5	1.887	0.412	22.4	6.1	6.1	7	8.2	10	11	11.2
		1992	18	8.97	5.8	13	2.402	0.566	26.8	5.8	6	6.9	8.8	10.6	12.6	13
		1993	21	8.75	5.3	13.4	2.724	0.595	31.1	5.3	5.6	6.5	7.7	11.4	12.3	12.9
		1994	20	8.52	6.1	12.4	1.882	0.421	22.1	6.1	6.4	6.85	8.1	10.05	11.15	11.8
		1995	11	8.80	4.9	12.1	2.694	0.812	30.6	4.9	5	5.8	8.4	11	12	12.1
		1996	5	8.82	6.4	11.8	2.294	1.026	26.0	6.4	6.4	6.6	9.6	9.7	11.8	11.8
		1997	6	8.28	5.9	11.4	2.068	0.844	25.0	5.9	5.9	6.4	8.15	9.7	11.4	11.4
		1998	5	7.60	6.2	10.5	1.685	0.754	22.2	6.2	6.2	6.7	7.3	7.3	10.5	10.5
		1999	6	7.57	5.8	10.1	1.475	0.602	19.5	5.8	5.8	6.8	7.3	8.1	10.1	10.1
	Mississippi River Gulf Outlet	1978	10	8.49	7	11.4	1.557	0.492	18.3	7	7.25	7.6	7.8	8.8	11.3	11.4
		1979	10	8.85	6.8	11.6	1.837	0.581	20.8	6.8	6.85	7.2	8.9	10.3	11.6	11.6
		1980	12	8.48	5.9	10.1	1.512	0.437	17.8	5.9	6.2	7.25	9.3	9.5	9.9	10.1
		1981	1	11.10	11.1	11.1										
		1975	29	7.59	6	9.2	0.873	0.162	11.5	6.2	6.4	7	7.6	7.9	9	9.1
		1976	43	8.71	6.2	10.8	1.352	0.206	15.5	7	7.3	7.4	8.6	10	10.6	10.6
		1977	22	7.89	5.9	10.4	1.357	0.289	17.2	6.3	6.5	6.9	7.65	9.4	9.8	10
		1978	22	8.82	6.9	12.2	1.835	0.391	20.8	7	7	7.2	8.3	10.4	11.7	12
		1979	18	8.26	6.1	11.5	1.830	0.431	22.1	6.1	6.2	6.3	8.9	9.5	11.4	11.5
		1980	23	8.42	5.7	12.9	2.026	0.422	24.1	5.9	6.2	6.7	8	9.7	10.6	12.8
		1981	2	11.70	11.7	11.7	0.000	0.000	0.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7
	New Orleans East leveed waterbodies	1976	4	4.83	1.6	6.9	2.269	1.135	47.0	1.6	1.6	3.4	5.4	6.25	6.9	6.9
		1975	12	8.73	7.5	10.6	0.942	0.272	10.8	7.5	7.7	7.85	8.75	9.35	9.6	10.6
		1980	2	9.25	9.1	9.4	0.212	0.150	2.3	9.1	9.1	9.25	9.4	9.4	9.4	9.4
	The Rigolets	1996	2	6.55	6.5	6.6	0.071	0.050	1.1	6.5	6.5	6.55	6.6	6.6	6.6	6.6
		1995	3	5.43	4.4	6.6	1.106	0.639	20.4	4.4	4.4	4.4	5.3	6.6	6.6	6.6
	West Pearl River															

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Back Bay of Biloxi	1966	30	9.45	7.8	11	1.084	0.198	11.5	8	8.15	8.6	9	10.7	11	11
		1968	35	8.15	4.61	13.82	2.486	0.420	30.5	4.61	4.99	6.96	7.6	9.27	12.32	12.7
		1969	16	10.07	7.51	13.4	1.652	0.413	16.4	7.51	7.85	8.73	10.09	11.23	12.09	13.4
		1972	35	6.13	3.9	9.3	1.462	0.247	23.9	4	4.3	5.1	5.8	7.4	8.3	8.7
		1973	197	5.05	2.7	6.3	0.691	0.049	13.7	3.8	4.1	4.6	5.2	5.6	5.8	6
		1974	4	7.28	5.3	9.1	1.859	0.929	25.6	5.3	5.3	5.7	7.35	8.85	9.1	9.1
		1975	28	6.93	4.5	9.2	1.679	0.317	24.2	4.5	4.7	5.05	7.3	8.4	8.9	9.2
		1977	160	6.67	3.5	8.9	1.093	0.086	16.4	5	5.3	5.8	6.75	7.5	8.1	8.5
		1997	9	8.80	7.44	11.48	1.173	0.391	13.3	7.44	7.44	8.46	8.64	9.2	11.48	11.48
		1998	41	7.54	1.13	14.66	2.609	0.408	34.6	2.83	4.44	6.39	7.77	9.35	9.86	10.13
		2000	457	4.19	2.2	6.4	0.618	0.029	14.7	3.3	3.5	3.8	4.2	4.6	5	5.3
	Bayou Costapia - Tchoutacabouffa River	1993	13	8.45	7.28	10.87	1.083	0.300	12.8	7.28	7.47	7.99	8.16	8.37	10.67	10.87
		1994	9	9.04	7.34	11.22	1.347	0.449	14.9	7.34	7.34	7.66	9.5	9.78	11.22	11.22
		1995	2	9.96	9.12	10.79	1.181	0.835	11.9	9.12	9.12	9.12	9.96	10.79	10.79	10.79
		1996	1	7.20	7.2	7.2										
		1997	12	9.40	7.45	13.01	1.692	0.488	18.0	7.45	7.95	8.25	9.01	9.86	12.2	13.01
		1998	11	8.69	7.16	11.1	1.227	0.370	14.1	7.16	7.26	7.79	8.43	9.29	10.29	11.1
	Bayou Cumbest	1965	27	6.40	4	9.3	1.300	0.250	20.3	4.4	4.8	5.5	6.1	6.9	8.6	9.2
		1968	18	8.34	6.2	12	1.623	0.383	19.5	6.2	6.21	7.35	7.66	9.3	11.4	12
		1969	8	10.51	9.5	11.25	0.704	0.249	6.7	9.5	9.5	9.88	10.57	11.23	11.25	11.25
		1972	42	6.66	1.2	17.3	3.789	0.585	56.9	2	3	4.3	5.75	7.4	10.3	15.8
		1978	55	5.09	0.7	7.7	1.779	0.240	35.0	2.5	2.6	3.4	5.2	6.5	7.2	7.3
	Bayou LaTerre	1998	4	6.37	4.95	10.24	2.588	1.294	40.7	4.95	4.95	4.97	5.14	7.76	10.24	10.24
	Bayou Portage	1966	9	6.18	3.6	10	2.052	0.684	33.2	3.6	3.6	4.7	5.8	6.7	10	10
		1974	103	7.72	5.6	9.8	1.032	0.102	13.4	6.1	6.2	6.7	7.9	8.5	9	9.1
		1975	60	4.65	1	8.8	2.336	0.302	50.2	1.15	1.4	2.2	5.35	6.3	7.5	7.85
		1998	41	8.37	1.78	11.71	2.213	0.346	26.5	5.37	5.59	7.17	8.6	9.77	11.29	11.46
	Bayou Talla - Jourdan River	1966	7	11.19	9.4	12.1	1.070	0.404	9.6	9.4	9.4	9.9	11.7	11.8	12.1	12.1
		1968	16	5.14	1.19	12.9	3.411	0.853	66.3	1.19	1.23	3.51	5.15	5.34	12.89	12.9
		1969	8	8.62	7.4	10.3	1.124	0.397	13.0	7.4	7.4	7.77	8.22	9.65	10.3	10.3
		1972	2	5.85	5.1	6.6	1.061	0.750	18.1	5.1	5.1	5.85	6.6	6.6	6.6	6.6
		1973	1	7.60	7.6	7.6										
		1974	143	9.15	8.3	9.5	0.215	0.018	2.4	8.8	8.8	9.1	9.2	9.3	9.4	9.4
		1975	5	6.88	6.4	7.9	0.614	0.275	8.9	6.4	6.4	6.4	6.8	6.9	7.9	7.9
		1976	11	8.77	6.2	10.8	1.644	0.496	18.7	6.2	6.4	6.6	9	10.1	10.2	10.8
		1977	26	6.87	3.2	10.8	2.351	0.461	34.2	3.3	3.4	5	7.1	8.5	10.2	10.3
		1978	12	9.49	5.8	15.3	3.104	0.896	32.7	5.8	6.2	6.8	8.8	11.8	13.6	15.3
		1979	11	8.22	6	13	2.281	0.688	27.8	6	6.1	6.2	7.8	10.2	10.9	13
		1980	12	7.33	4.5	11.2	1.780	0.514	24.3	4.5	5.2	6.25	7.4	8.1	9	11.2
		1981	12	6.71	4.3	10.1	1.923	0.555	28.7	4.3	4.5	5.45	6.1	8.4	9.5	10.1
		1982	6	6.83	4.6	9.7	1.863	0.761	27.3	4.6	4.6	5.9	6.2	8.4	9.7	9.7
		1983	6	6.75	4.9	9.7	1.748	0.714	25.9	4.9	4.9	5.4	6.4	7.7	9.7	9.7
		1984	5	6.68	5	9.4	1.663	0.744	24.9	5	5	6	6.1	6.9	9.4	9.4
		1985	5	6.79	3.25	10.2	2.614	1.169	38.5	3.25	3.25	5.5	7	8	10.2	10.2
		1986	6	6.90	4.8	10	2.430	0.992	35.2	4.8	4.8	4.8	6.05	9.7	10	10

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Bayou Talla - Jourdan River	1987	6	7.25	4.8	10.1	1.938	0.791	26.7	4.8	4.8	6.1	6.85	8.8	10.1	10.1
		1988	6	7.48	5.6	10.5	1.747	0.713	23.4	5.6	5.6	6.4	7.05	8.3	10.5	10.5
		1989	1	7.20	7.2	7.2										
		1990	5	6.98	6	9	1.305	0.583	18.7	6	6	6.1	6.2	7.6	9	9
		1991	6	7.17	6.5	8	0.543	0.222	7.6	6.5	6.5	6.7	7.15	7.5	8	8
		1992	6	7.12	4.8	9	1.702	0.695	23.9	4.8	4.8	6	7.25	8.4	9	9
		1993	6	7.70	6.2	9	0.936	0.382	12.2	6.2	6.2	7.2	7.9	8	9	9
		1994	6	7.15	5.5	10	2.041	0.833	28.5	5.5	5.5	5.6	6.2	9.4	10	10
		1995	6	7.07	5	8.7	1.389	0.567	19.7	5	5	6.1	7.1	8.4	8.7	8.7
		1996	6	7.30	5	10.2	2.082	0.850	28.5	5	5	5.6	6.8	9.4	10.2	10.2
		1997	11	7.41	4.92	10.8	1.778	0.536	24.0	4.92	5.34	5.94	7.2	8.31	9.6	10.8
MS	Big Swamp - Pascagoula River	1998	36	5.78	1.4	9.72	1.912	0.319	33.1	1.87	3.64	4.29	5.83	6.96	8.28	8.9
		2000	650	0.99	0.05	6.5	1.353	0.053	137.1	0.05	0.05	0.1	0.1	2.4	3.3	3.5
		1965	18	6.26	5.2	7.8	0.654	0.154	10.4	5.2	5.3	5.8	6.35	6.6	7.2	7.8
		1968	70	5.70	0.29	12.15	3.128	0.374	54.9	0.4	0.61	3.09	6.59	7.4	9.34	9.59
		1969	31	7.74	0.59	9.74	2.226	0.400	28.8	1.01	5.43	7.54	8.3	8.95	9.7	9.74
		1970	7	7.21	5.5	10.2	1.975	0.747	27.4	5.5	5.5	5.5	6.3	9	10.2	10.2
		1971	4	5.75	4.6	7.1	1.028	0.514	17.9	4.6	4.6	5.1	5.65	6.4	7.1	7.1
		1972	51	2.68	0.2	9	2.697	0.378	100.6	0.2	0.3	0.3	0.4	5.1	5.8	8.1
		1973	2	7.25	7	7.5	0.354	0.250	4.9	7	7	7	7.25	7.5	7.5	7.5
		1978	19	3.89	0.3	7	2.982	0.684	76.6	0.3	0.3	0.4	5.8	6.4	7	7
		1980	19	6.36	2.9	7.3	0.964	0.221	15.1	2.9	5.4	6.1	6.5	6.9	7.2	7.3
		1981	23	3.45	0.1	6.6	2.755	0.574	79.8	0.1	0.1	0.2	4.8	5.8	6.2	6.5
MS	Black Creek Swamp - Pascagoula River	1982	22	4.20	0	6.6	2.719	0.580	64.7	0.1	0.1	0.5	5.8	6	6.6	6.6
		1983	19	3.02	0	6.3	3.021	0.693	100.2	0	0	0	2.6	6.1	6.2	6.3
		1984	21	3.82	0	6.1	2.270	0.495	59.4	0.5	0.9	1.3	5.2	5.7	5.9	6.1
		1985	12	3.59	0.2	6.4	2.622	0.757	73.0	0.2	0.2	0.3	5.3	5.5	6	6.4
		1986	36	3.75	0	6.8	2.600	0.433	69.3	0	0	0.3	5.05	5.7	6	6.8
		1987	22	3.12	0.2	7	2.752	0.587	88.1	0.2	0.2	0.3	2.4	6	6.5	6.7
		1988	18	4.93	0	8.5	3.556	0.838	72.1	0	0	0.1	7	8	8.2	8.5
		1990	22	3.85	0.2	7.9	3.310	0.706	86.1	0.2	0.3	0.4	3.25	7.6	7.6	7.7
		1991	9	3.84	0.05	6	2.780	0.927	72.4	0.05	0.05	0.3	5.5	5.9	6	6
		1992	19	2.42	0.05	6.3	2.725	0.625	112.4	0.05	0.05	0.1	0.5	5.6	5.8	6.3
		1993	23	3.23	1.1	7	2.193	0.457	67.8	1.1	1.2	1.4	2.4	5.9	6.4	6.8
MS	Catahoula Creek	1994	14	3.14	0.1	7.3	2.781	0.743	88.7	0.1	0.1	0.3	2.75	5.6	7	7.3
		1995	33	3.01	0.05	6.5	2.469	0.430	82.1	0.05	0.1	0.1	3.5	5.4	5.9	6
		1996	21	2.73	0.1	6	2.528	0.552	92.7	0.1	0.1	0.3	1.3	5.5	6	6
		1997	43	6.03	0.05	10.5	3.015	0.460	50.0	0.1	0.2	5.9	7	7.3	9.5	10.4
MS	Choctaw Creek - Tuxachanie Creek	1999	8	6.98	4.04	8.62	1.546	0.547	22.2	4.04	4.04	6.27	7.01	8.3	8.62	8.62
		2000	29	3.58	0.1	7.4	2.868	0.533	80.1	0.1	0.1	0.4	3.6	6.2	7	7.2

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Crane Creek	1998	2	8.84	6.89	10.79	2.758	1.950	31.2	6.89	6.89	8.84	10.79	10.79	10.79	10.79
	Cunningham Branch - Escatawpa River	1968	18	3.43	0.29	9.62	3.260	0.768	95.0	0.29	0.4	0.51	2.02	6.2	8.3	9.62
		1969	8	7.22	1.35	10.45	3.121	1.103	43.3	1.35	1.35	5.39	7.75	9.83	10.45	10.45
		1972	40	1.29	0	7.6	2.622	0.415	204.0	0	0	0	0	0.65	7.2	7.35
	Cutoff Bayou - Jourdan River	1966	10	9.68	8.8	10.5	0.616	0.195	6.4	8.8	8.8	9.1	9.85	10.2	10.35	10.5
		1968	18	8.05	6.35	12.8	1.862	0.439	23.1	6.35	6.59	6.7	7.62	7.87	11.84	12.8
		1969	8	9.12	7.3	10.8	1.428	0.505	15.7	7.3	7.3	7.69	9.43	10.3	10.8	10.8
		1972	11	6.35	6	6.8	0.225	0.068	3.5	6	6	6.3	6.3	6.5	6.5	6.8
		1974	114	8.20	4.5	11.8	1.231	0.115	15.0	5.3	6.7	7.8	8.6	8.9	9.1	9.3
		1977	124	5.90	2.7	15.2	2.141	0.192	36.3	3.3	3.6	4.3	5.55	7.4	8	8.3
		1998	40	7.68	1.12	9.98	1.739	0.275	22.7	3.72	6.54	7.54	7.94	8.42	9.2	9.42
	East Mississippi Sound	1965	100	7.51	2.9	10.9	1.562	0.156	20.8	4.8	5.7	6.4	7.55	8.55	9.5	9.95
		1966	7	8.26	7	10.4	1.237	0.467	15.0	7	7	7.4	7.9	9.5	10.4	10.4
		1968	72	8.04	2.21	16.21	2.557	0.301	31.8	2.89	5.1	6.96	7.99	9.49	10.84	12
		1969	35	9.99	6.6	11.9	1.290	0.218	12.9	7.04	8.4	9.2	10.2	11.09	11.59	11.65
		1972	66	5.88	2	10.6	1.643	0.202	27.9	2.4	3.9	4.9	5.95	6.8	7.7	8.2
	Flat Branch - Bayou Berna	1966	17	8.66	7	10	0.853	0.207	9.9	7	7.4	8	8.8	9.4	9.9	10
		1974	5	7.68	5.1	9	1.514	0.677	19.7	5.1	5.1	7.7	8.3	8.3	9	9
		1976	104	7.55	2.8	14.6	3.240	0.318	42.9	3.8	4.2	4.65	6.9	10	12.6	13.5
	Flat Branch - Turkey Creek	1966	37	8.71	4.4	11.2	1.690	0.278	19.4	5.6	6.2	7.2	9	9.7	11	11
		1968	18	6.86	3.09	10.15	2.198	0.518	32.1	3.09	3.15	5.34	7.17	7.9	10.09	10.15
		1969	8	8.80	6.61	10.33	1.193	0.422	13.6	6.61	6.61	8.09	9.00	9.63	10.33	10.33
		1972	86	2.70	0	10.2	2.533	0.273	93.8	0	0	0.6	2.1	4.1	6.7	7.5
		1973	74	5.13	4.6	6	0.294	0.034	5.7	4.7	4.8	4.9	5.1	5.3	5.5	5.7
		1974	119	4.71	0	8.5	1.523	0.140	32.4	1.3	2.2	4.1	5.1	5.7	6	6.5
		1977	63	6.56	2.8	10.5	2.359	0.297	36.0	3.2	3.3	4.3	6.6	8.5	9.9	10.2
		1997	1	7.21	7.21	7.21	1.676	0.216	19.3	6.06	6.32	7.36	8.73	9.68	10.79	11.67
	Fourmile Branch - Mounkers Creek	1997	2	8.97	7.1	10.83	2.638	1.865	29.4	7.1	7.1	7.1	8.97	10.83	10.83	10.83
	Horse Creek - Biloxi River	1966	9	9.66	8.8	11	0.816	0.272	8.4	8.8	8.8	8.9	9.6	9.8	11	11
	Indian Creek - Pascagoula River	1971	1	9.60	9.6	9.6										
	Lower Bayou la Croix	1974	10	8.65	8.5	8.9	0.196	0.062	2.3	8.5	8.5	8.5	8.5	8.9	8.9	8.9
		1975	5	8.50	8.5	8.5	0.000	0.000	0.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5
		1977	19	5.76	3.2	8.9	1.996	0.458	34.6	3.2	3.5	4.1	5	7.8	8.6	8.9
		1998	6	9.12	8.18	9.88	0.656	0.268	7.2	8.18	8.18	8.57	9.19	9.69	9.88	9.88
	Lower Little Biloxi River	1966	10	9.29	8.1	11.8	1.099	0.348	11.8	8.1	8.25	8.5	9	9.8	10.95	11.8
	Mikes River	1966	6	5.10	4.3	6.9	0.990	0.404	19.4	4.3	4.3	4.4	4.75	5.5	6.9	6.9
	Mill Creek - Biloxi River	1966	20	8.97	7.5	11.9	1.243	0.278	13.9	7.55	7.65	8	8.55	9.9	10.65	11.3
		1968	18	7.34	4.25	10.01	1.671	0.394	22.8	4.25	4.79	6.02	7.43	8.81	9.36	10.01
		1969	8	9.87	8.13	11.3	1.178	0.417	11.9	8.13	8.13	8.93	10.11	10.71	11.3	11.3
		1973	25	5.14	4.6	5.8	0.387	0.077	7.5	4.7	4.7	4.8	5	5.4	5.7	5.8

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Mulatto Bayou - Pearl River	1991	7	6.36	5	9.2	1.439	0.544	22.6	5	5	5.5	5.8	7.3	9.2	9.2
		1992	6	7.10	4.5	8.8	1.710	0.698	24.1	4.5	4.5	6	7.4	8.5	8.8	8.8
		1993	6	7.09	5.36	8.8	1.282	0.523	18.1	5.36	5.36	6.2	7.15	7.9	8.8	8.8
		1994	6	6.92	5	9.9	2.189	0.893	31.6	5	5	5.3	5.9	9.5	9.9	9.9
		1995	6	6.68	4.4	8.7	1.501	0.613	22.5	4.4	4.4	5.6	6.95	7.5	8.7	8.7
		1996	6	8.15	6.7	10.2	1.332	0.544	16.3	6.7	6.7	6.8	8.2	8.8	10.2	10.2
		1997	11	7.00	5.57	8.67	1.046	0.315	14.9	5.57	5.9	5.98	7	8.08	8.28	8.67
		1998	38	4.61	1.58	9.77	2.447	0.397	53.1	1.58	2.09	2.44	3.58	6.68	8.86	9.26
	Old Fort Bayou	1977	6	7.12	7	7.2	0.098	0.040	1.4	7	7	7	7.15	7.2	7.2	7.2
MS	Old Fort Bayou - Biloxi Bay	1968	9	7.61	4.67	11.47	2.072	0.691	27.2	4.67	4.67	6.61	7.33	7.84	11.47	11.47
		1969	4	11.40	8.88	12.77	1.821	0.910	16.0	8.88	8.88	10.06	11.97	12.74	12.77	12.77
		1972	24	6.25	4.4	8.9	1.211	0.247	19.4	4.8	4.9	5.05	6.1	7	7.6	8.8
		1973	20	4.62	3.2	6	0.780	0.174	16.9	3.3	3.55	4.15	4.6	5.25	5.7	6
		1974	4	7.58	5.8	10	1.919	0.959	25.3	5.8	5.8	6.05	7.25	9.1	10	10
		1975	4	8.88	6.5	10.8	1.776	0.888	20.0	6.5	6.5	7.75	9.1	10	10.8	10.8
		1977	49	6.54	4.8	9.1	0.963	0.138	14.7	5.3	5.4	5.9	6.4	7	8.3	8.8
MS	Paige Bayou - Moungers Creek	1997	2	9.15	7.5	10.8	2.333	1.650	25.5	7.5	7.5	7.5	9.15	10.8	10.8	10.8
		1997	2	9.15	7.5	10.8	2.333	1.650	25.5	7.5	7.5	7.5	9.15	10.8	10.8	10.8
MS	Parker Creek - Tchoutacabouffa River	1966	10	9.17	8.1	10.9	0.949	0.300	10.3	8.1	8.1	8.4	8.9	9.8	10.6	10.9
		1968	17	5.98	1.8	8.95	2.050	0.497	34.3	1.8	2.81	5.2	6.4	7.32	8.71	8.95
		1969	8	9.78	7.68	12.8	1.835	0.649	18.8	7.68	7.68	8.43	9.36	11.09	12.8	12.8
		1973	61	4.78	4.3	5.7	0.258	0.033	5.4	4.5	4.5	4.6	4.7	4.9	5.1	5.2
		1975	90	6.51	5.6	7.5	0.401	0.042	6.2	6	6	6.2	6.4	6.8	7.15	7.2
		1993	13	7.99	6.99	10.37	1.068	0.296	13.4	6.99	7.18	7.44	7.63	7.84	10.24	10.37
MS	Polar Branch - Wolf River	1966	13	8.48	6.5	10	1.208	0.335	14.3	6.5	6.9	7.3	8.7	9.4	9.9	10
		1976	40	5.50	2.2	7.6	1.527	0.241	27.8	2.6	3.1	4.25	6	6.75	7.3	7.4
		1978	12	8.17	6.1	11.2	1.566	0.452	19.2	6.1	6.5	6.9	7.85	9.5	9.9	11.2
		1979	12	8.03	6.1	10.1	1.432	0.413	17.8	6.1	6.3	6.8	7.95	9.45	9.8	10.1
		1980	9	8.34	5.4	9.9	1.533	0.511	18.4	5.4	5.4	7.5	9.3	9.5	9.9	9.9
		1981	6	9.28	7.5	12.4	1.767	0.721	19.0	7.5	7.5	7.8	9.1	9.8	12.4	12.4
		1982	6	8.57	7.1	12.2	1.868	0.763	21.8	7.1	7.1	7.4	8	8.7	12.2	12.2
		1983	4	9.05	8.2	10.8	1.185	0.592	13.1	8.2	8.2	8.35	8.6	9.75	10.8	10.8
		1984	4	9.08	7.7	11	1.387	0.693	15.3	7.7	7.7	8.2	8.8	9.95	11	11
		1985	4	9.08	7.5	10.1	1.144	0.572	12.6	7.5	7.5	8.25	9.35	9.9	10.1	10.1
MS	Rotten Bayou	1986	3	8.73	7.3	9.9	1.320	0.762	15.1	7.3	7.3	7.3	9	9.9	9.9	9.9
		1974	78	8.83	8.2	9.4	0.280	0.032	3.2	8.3	8.5	8.7	8.8	9	9.2	9.3
		1998	4	4.50	2.66	9.93	3.620	1.810	80.4	2.66	2.66	2.67	2.71	6.34	9.93	9.93

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	UNKNOWN TRIBUTARY	1966	67	10.99	8.9	12.8	1.070	0.131	9.7	9.3	9.7	10	10.9	12	12.4	12.5
		1968	32	8.62	6	13.2	2.049	0.362	23.8	6.47	6.85	7.09	7.66	9.75	12.2	12.79
		1969	16	12.39	9.09	18.8	3.226	0.806	26.0	9.09	9.1	9.25	12.42	14.2	18.6	18.8
		1972	30	6.53	4.5	7.8	0.839	0.153	12.9	5	5.15	6.1	6.5	7.2	7.4	7.6
		1974	14	9.31	5.8	11.4	1.487	0.397	16.0	5.8	6.2	9.5	9.7	9.9	10.2	11.4
		1975	10	7.66	4	10.4	1.964	0.621	25.6	4	4.7	6.8	7.8	8.5	10.3	10.4
		1976	11	10.55	7.3	13.8	1.961	0.591	18.6	7.3	8.1	9.2	10.8	11.8	13	13.8
		1977	40	8.28	6.1	15.8	1.610	0.255	19.4	6.35	6.7	7.4	8.25	8.7	9.55	10.5
		1978	13	11.08	5.6	18.4	3.793	1.052	34.2	5.6	6	8.2	10.8	13.2	16	18.4
		1979	11	9.50	6.5	15	2.545	0.767	26.8	6.5	6.7	7.5	9.2	10.6	12.5	15
		1980	12	8.73	5.6	12.1	1.837	0.530	21.0	5.6	6	8	8.5	10	10.1	12.1
		1981	12	8.33	6	10.9	1.420	0.410	17.0	6	6.9	7.45	8.15	9.1	10.4	10.9
		1982	6	8.48	7.2	10.2	1.246	0.509	14.7	7.2	7.2	7.5	8.1	9.8	10.2	10.2
		1983	6	8.40	6.8	10.5	1.339	0.547	15.9	6.8	6.8	7.5	8.15	9.3	10.5	10.5
		1984	6	7.97	6.2	11	1.732	0.707	21.7	6.2	6.2	6.5	7.8	8.5	11	11
		1985	5	8.52	6.9	10.8	1.475	0.660	17.3	6.9	6.9	7.9	8	9	10.8	10.8
		1986	6	9.13	6.9	13	2.410	0.984	26.4	6.9	6.9	7.6	8.05	11.2	13	13
		1987	6	9.07	8	10.8	1.184	0.484	13.1	8	8	8	8.8	10	10.8	10.8
		1990	3	8.10	7.4	9	0.819	0.473	10.1	7.4	7.4	7.4	7.9	9	9	9
		1997	18	10.01	6.73	12.14	1.776	0.419	17.7	6.73	7.2	9.3	9.7	11.7	12.14	12.14
		1998	39	8.66	5.92	11.34	1.729	0.277	20.0	5.92	6.11	6.75	8.92	10.15	10.67	11.34
	Upper Mulatto Bayou	1966	19	7.17	6	8.4	0.644	0.148	9.0	6	6.1	6.7	7.3	7.5	8.2	8.4
West Mississippi Sound	West Mississippi Sound	1965	26	7.46	5.7	11	1.445	0.283	19.4	5.8	6	6.6	6.9	7.5	10	10.3
		1966	29	11.51	9.9	12.8	1.030	0.191	9.0	10	10	10.6	11.9	12.5	12.7	12.8
		1968	269	8.72	3.14	74.5	4.448	0.271	51.0	6.01	6.55	7.22	8.01	9.79	11.4	12.04
		1969	127	10.91	0.65	18.69	2.199	0.195	20.2	8.29	8.61	9.3	10.8	12.3	13.59	13.8
		1972	23	6.58	4.6	10.5	1.275	0.266	19.4	4.7	5.3	5.6	6.6	7.2	7.8	7.8
		1973	78	8.93	6.2	12.7	1.207	0.137	13.5	7.2	7.5	8	8.6	9.8	10.5	10.8
		1974	27	8.55	7	9.8	0.791	0.152	9.3	7.1	7.6	7.9	8.5	9.2	9.6	9.8
		1975	42	8.24	6.1	10.5	0.959	0.148	11.6	6.5	7	7.6	8.4	9	9.2	9.4
		1976	16	8.34	6	11.6	1.542	0.385	18.5	6	6.1	7.2	8.6	9.15	10.5	11.6
		1977	21	7.80	5	11.9	1.609	0.351	20.6	6.5	6.6	7	7.4	8.3	10.4	11
		1997	25	9.51	5.85	13.95	2.146	0.429	22.6	5.85	6.9	8.9	9.7	10.8	11.4	13.95
		1998	46	8.96	5.66	12.92	1.993	0.294	22.2	5.81	6.55	7.32	8.92	10.66	12.38	12.49
West Pascagoula River - East Pascagoula River	West Pascagoula River - East Pascagoula River	1965	63	5.41	2.5	9.8	1.483	0.187	27.4	3.3	3.6	4.3	5.3	6.4	7.2	8
		1966	8	7.38	6.3	9.1	0.904	0.319	12.3	6.3	6.3	6.6	7.45	7.75	9.1	9.1
		1968	54	4.17	0.2	11.25	3.231	0.440	77.5	0.3	0.4	0.8	3.58	6.88	8.55	9.63
		1969	24	7.75	2.25	10.05	2.043	0.417	26.4	3.85	5.31	6.62	8.1	9.42	9.91	10.02
		1972	177	3.78	0	8.8	1.805	0.136	47.7	0	0.8	2.8	4.1	4.9	5.7	6.5
		1974	33	6.05	1.5	10	2.285	0.398	37.8	1.7	1.7	4.7	7	7.3	8.2	9.2
		1975	55	5.99	0.4	10.5	2.440	0.329	40.7	0.8	1	6	7	7.2	7.3	9
		1976	49	6.01	1.7	12	2.415	0.345	40.2	2.8	3	4.4	6	7.1	9.3	10.9
		1977	88	5.42	1	11.8	2.043	0.218	37.7	2.7	3	3.55	5.3	6.95	7.8	8.7
		1978	34	5.60	0.6	12	3.031	0.520	54.1	1.5	1.8	3.2	5.5	7.4	9.4	11.8
		1979	34	6.50	1	12.5	2.459	0.422	37.8	1.1	3.8	6	6.35	7.1	8.4	12.2

Attachment E: Dissolved Oxygen Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC 12	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	West Pascagoula River - East Pascagoula River	1980	37	5.27	1.3	11.1	2.895	0.476	54.9	1.3	1.5	2.4	5.2	7.7	9	9.7
		1981	35	4.85	0.3	10.2	2.780	0.470	57.3	0.3	1.1	2.9	5.1	6.5	9	10
		1982	33	3.72	0	10	3.034	0.528	81.6	0.3	0.4	0.8	3.4	6.2	6.8	9.1
		1983	27	4.17	0.3	10.4	2.632	0.506	63.0	0.4	0.4	2.2	3.3	6.2	7.6	7.7
		1984	27	4.00	0.9	9.8	2.238	0.431	55.9	1.2	1.7	2	3.7	5.2	7.2	8.8
		1985	12	3.42	0.3	6	1.934	0.558	56.6	0.3	0.6	1.95	3.9	4.8	5.4	6
		1986	26	3.58	0.3	6.3	2.063	0.405	57.7	0.4	0.4	1.5	4.4	5.4	5.9	6.3
		1987	29	4.37	0.8	8.6	2.110	0.392	48.2	1	1.2	3.1	4.5	5.7	7.6	8.5
		1988	23	4.47	1.7	7.6	1.969	0.411	44.1	2	2.2	2.7	4.1	6.5	6.8	7
		1989	17	6.42	1.8	8.9	2.466	0.598	38.4	1.8	2.3	5.1	7.7	8.2	8.8	8.9
		1990	24	3.88	0.8	8.2	2.198	0.449	56.6	1	1.2	2.2	3.7	5.45	7.2	8.1
		1991	18	3.56	0.6	5.7	1.657	0.391	46.5	0.6	0.7	2.7	3.8	4.9	5.5	5.7
		1992	29	3.17	0.3	8.1	2.500	0.464	78.9	0.3	0.6	0.9	2.6	5.2	6.7	7.7
		1993	22	5.05	2.4	7.1	1.227	0.262	24.3	2.6	3.3	4.6	5.15	5.6	6.7	7
		1994	15	3.93	0.7	7.5	1.905	0.492	48.5	0.7	1.9	2.2	3.5	5.6	6.3	7.5
		1995	22	3.77	0.9	5.2	1.270	0.271	33.7	0.9	1.8	3.2	4.25	4.7	4.8	4.8
		1996	23	3.93	0.3	6.7	2.279	0.475	58.0	0.4	0.7	1.6	4.7	6.2	6.4	6.7
		1997	26	3.49	0.05	10.9	3.527	0.692	101.0	0.05	0.05	0.4	2.05	6.7	8.8	9
		2000	338	5.04	1.5	7.8	0.687	0.037	13.6	4.1	4.3	4.7	5.1	5.4	5.7	6
	West Pearl River - Pearl River	1966	13	7.01	5	9	1.228	0.341	17.5	5	5.9	6.2	6.7	8.1	8.8	9
	White Cypress Creek - Hickory Creek	1998	2	10.17	9.48	10.85	0.969	0.685	9.5	9.48	9.48	9.48	10.17	10.85	10.85	10.85

Attachment E: Nitrate + Nitrite Nitrogen as N - Filtered
Summary Table by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Big Chippewa Lake	1990	3	0.123	0.02	0.21	0.096	0.055	77.9	0.02	0.02	0.02	0.14	0.21	0.21	0.21
		1991	9	0.206	0.12	0.28	0.053	0.018	26.0	0.12	0.12	0.18	0.23	0.24	0.28	0.28
	Bon Secour Bay	1989	50	0.024	0.00014	0.1722	0.040	0.006	165.1	0.00042	0.00063	0.00084	0.00392	0.0294	0.10514	0.11228
		1990	50	0.058	0.00084	0.196	0.064	0.009	109.5	0.0014	0.00336	0.0049	0.01771	0.11522	0.15554	0.17444
		1991	169	0.030	0.0007	0.21546	0.049	0.004	164.1	0.001526	0.00182	0.00336	0.007	0.02268	0.10738	0.15722
		1992	181	0.027	0.00042	0.20524	0.043	0.003	157.9	0.00126	0.00196	0.0028	0.007	0.0287	0.07714	0.13482
		1993	35	0.036	0	0.20062	0.058	0.010	160.0	0	0.00056	0.00224	0.00714	0.03612	0.13524	0.17794
		1994	44	0.037	0.00014	0.39732	0.083	0.012	225.9	0.00056	0.00126	0.00476	0.00763	0.02016	0.13272	0.2597
		1995	26	0.032	0.00105	0.1596	0.048	0.009	149.0	0.00119	0.00126	0.00238	0.006895	0.04963	0.1155	0.13636
		1997	10	0.078	0.01512	0.13342	0.048	0.015	60.7	0.01512	0.01645	0.03696	0.08281	0.11802	0.13286	0.13342
		1998	100	0.056	0.00098	0.2177	0.065	0.006	116.2	0.00217	0.00266	0.007	0.01624	0.10899	0.16345	0.17136
		1999	93	0.034	0	0.24248	0.067	0.007	195.6	0.00098	0.0014	0.00252	0.00308	0.0133	0.1715	0.21448
	Bon Secour River	1994	2	2.15	1.5	2.8	0.919	0.650	42.8	1.5	1.5	1.5	2.15	2.8	2.8	2.8
	Fly Creek	1994	2	0.805	0.8	0.81	0.007	0.005	0.9	0.8	0.8	0.8	0.805	0.81	0.81	0.81
	Halls Creek	1994	1	0.06	0.06	0.06	0.06									
	Little Lagoon	1992	5	0.02	0.02	0.02	0.02	0	0	0	0.02	0.02	0.02	0.02	0.02	0.02
	Lower Fish River	1990	129	0.146	0	0.85498	0.182	0.016	125.0	0.00168	0.00504	0.01834	0.05614	0.21994	0.44016	0.53942
		1991	451	0.215	0	1.15794	0.218	0.010	101.5	0.00182	0.00308	0.02982	0.16338	0.31528	0.48426	0.69776
		1992	113	0.168	0	0.7343	0.178	0.017	105.6	0.00168	0.00644	0.0252	0.10752	0.2597	0.47166	0.56644
		1994	1	1.3	1.3	1.3	0.231	0.133	16.9	1.1	1.1	1.1	1.5	1.5	1.5	1.5
		1995	3	1.367	1.1	1.5	0.231	0.133	78.4	0.00378	0.00812	0.15064	0.46844	0.88634	1.11972	1.19966
		1996	194	0.522	0.00028	1.4434	0.409	0.029	67.2	0.0063	0.02604	0.18368	0.49504	0.72485	0.97594	1.05224
		1997	248	0.493	0.00196	1.33056	0.331	0.021	59.2	0.0077	0.08022	0.38878	0.51233	0.82362	1.08766	1.17264
		1998	118	0.574	0.0014	1.33224	0.340	0.031	80.4	0.00854	0.01442	0.10192	0.48489	0.85442	1.22262	1.28926
		1999	94	0.550	0.00518	1.43696	0.442	0.046								
	Lower Mobile Bay	1989	27	0.059	0.00056	0.35042	0.102	0.020	171.7	0.00056	0.0007	0.00084	0.00686	0.07518	0.24346	0.28224
		1990	24	0.070	0.00084	0.21224	0.072	0.015	103.3	0.001275	0.001361	0.00476	0.020592	0.13307	0.16408	0.1694
		1991	60	0.064	0.00112	0.25312	0.079	0.010	122.7	0.001407	0.001792	0.0063	0.01617	0.12579	0.18746	0.2275
		1992	79	0.051	0.00056	0.2303	0.071	0.008	139.2	0.00168	0.00238	0.00532	0.01596	0.07462	0.1911	0.2128
		1993	31	0.035	0	0.22078	0.062	0.011	177.5	0	0.00084	0.00196	0.00546	0.03822	0.12362	0.2114
		1994	53	0.048	0.00028	0.35168	0.071	0.010	147.4	0.00056	0.00364	0.00672	0.01134	0.07448	0.15078	0.1932
		1995	28	0.034	0.00049	0.17906	0.052	0.010	153.8	0.00147	0.00161	0.002835	0.004655	0.06356	0.12334	0.17388
		1997	6	0.117	0.01792	0.16954	0.053	0.022	44.9	0.01792	0.01792	0.10976	0.13202	0.1421	0.16954	0.16954
		1998	69	0.062	0	0.2016	0.072	0.009	115.8	0.00098	0.00126	0.00546	0.0182	0.13622	0.17626	0.18704
		1999	62	0.032	0	0.26208	0.066	0.008	203.9	0.00042	0.00056	0.00196	0.00308	0.01106	0.1267	0.1743
	Magnolia River	1990	6	0.488	0.20622	0.83482	0.244	0.100	50.1	0.20622	0.32368	0.43435	0.69202	0.83482	0.83482	0.83482
		1991	20	0.596	0.2877	1.3328	0.299	0.067	50.3	0.29722	0.30793	0.39508	0.47327	0.72226	1.08766	1.30774
		1992	8	0.486	0.08106	1.0962	0.343	0.121	70.7	0.08106	0.2275	0.39613	0.73115	1.0962	1.0962	1.0962
		1994	4	2.05	0.1	2.8	1.308	0.654	63.8	0.1	0.1	1.3	2.65	2.8	2.8	2.8
		1995	9	2.478	1.7	3	0.432	0.144	17.4	1.7	1.7	2.4	2.5	2.8	3	3
		1996	2	2.7	2.7	2.7	0	0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	Majors Creek	1994	3	0.043	0.04	0.05	0.0058	0.0033	13.3	0.04	0.04	0.04	0.04	0.05	0.05	0.05
		1995	9	0.034	0.02	0.05	0.0133	0.0044	38.7	0.02	0.02	0.02	0.03	0.05	0.05	0.05
		1996	2	0.025	0.02	0.03	0.0071	0.0050	28.3	0.02	0.02	0.025	0.03	0.03	0.03	0.03
	Middle Fish River	1994	1	1.1	1.1	1.1										

Attachment E: Nitrate + Nitrite Nitrogen as N - Filtered
Summary Table by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Middle Mobile Bay	1989	43	0.049	0.00042	0.23254	0.0751	0.0115	152.6	0.00056	0.0007	0.00098	0.00756	0.11214	0.182	0.21448
		1990	42	0.074	0.000875	0.18368	0.0692	0.0107	93.4	0.002248	0.002341	0.00616	0.03787	0.14378	0.16338	0.1722
		1991	61	0.082	0.00098	0.29218	0.0887	0.0114	108.0	0.00196	0.00392	0.007	0.03738	0.17038	0.20034	0.2086
		1992	89	0.051	0.00084	0.25046	0.0702	0.0074	138.2	0.00154	0.00224	0.0056	0.02044	0.06678	0.18956	0.22932
		1993	32	0.050	0.00014	0.23842	0.0770	0.0136	154.2	0.00042	0.00098	0.00259	0.01113	0.06433	0.21882	0.23002
		1994	49	0.048	0.00056	0.29414	0.0635	0.0091	132.9	0.00098	0.00224	0.00756	0.02016	0.06244	0.13678	0.18214
		1995	28	0.039	0.00063	0.2331	0.0624	0.0118	161.7	0.00119	0.00133	0.002555	0.006125	0.06797	0.13902	0.20342
		1997	9	0.131	0.01624	0.19558	0.0704	0.0235	53.8	0.01624	0.01624	0.10878	0.15666	0.1911	0.19558	0.19558
		1998	99	0.067	0	0.20104	0.0703	0.0071	104.4	0.00084	0.00112	0.0063	0.0315	0.1386	0.17346	0.18508
		1999	78	0.052	0	0.29302	0.0792	0.0090	153.7	0.00056	0.00182	0.0028	0.00434	0.06412	0.17108	0.25704
Mississippi Sound	Mississippi Sound	1991	27	0.012	0.00119	0.07252	0.0197	0.0038	161.2	0.00168	0.00196	0.00224	0.00546	0.00756	0.05544	0.06678
		1992	24	0.006	0.00084	0.02506	0.0068	0.0014	105.8	0.00098	0.00098	0.00217	0.00427	0.00693	0.01582	0.02408
		1998	66	0.034	0	0.19012	0.0547	0.0067	160.2	0.00042	0.00098	0.00196	0.00672	0.02954	0.1386	0.16114
		1999	57	0.017	0.00014	0.24556	0.0454	0.0060	268.2	0.00084	0.00154	0.0028	0.0035	0.0091	0.03514	0.10612
Pelican Bay	Pelican Bay	1989	2	0.001	0.00056	0.00196	0.0010	0.0007	78.6	0.00056	0.00056	0.00056	0.00126	0.00196	0.00196	0.00196
	Rains Creek	1994	1	0.04	0.04	0.04										
	Seabury Creek	1973	2	0.035	0.02	0.05	0.021	0.015	60.6	0.02	0.02	0.02	0.035	0.05	0.05	0.05
Skunk Bayou	Skunk Bayou	1990	12	0.071	0.00322	0.22554	0.075	0.022	106.1	0.00322	0.00504	0.01918	0.05082	0.08757	0.21308	0.22554
		1991	40	0.062	0.00112	0.30632	0.077	0.012	124.8	0.00133	0.00161	0.00392	0.03808	0.0721	0.20552	0.23233
		1992	16	0.226	0.02226	1.29668	0.313	0.078	138.4	0.02226	0.02492	0.05677	0.15701	0.24724	0.49266	1.29668
		1996	28	0.090	0.00042	0.34006	0.129	0.024	142.9	0.0007	0.00098	0.00154	0.00462	0.1988	0.30604	0.3206
		1997	38	0.069	0.00028	0.3647	0.090	0.015	129.6	0.00126	0.0021	0.00336	0.0427	0.11382	0.15932	0.3451
		1998	20	0.260	0.0014	0.8365	0.277	0.062	106.6	0.00168	0.00196	0.00434	0.17416	0.4256	0.72877	0.83447
		1999	16	0.053	0.0014	0.22694	0.070	0.018	133.4	0.0014	0.00196	0.00651	0.01904	0.08666	0.1855	0.22694
		Tensaw River-Apalachee River	1994	2	0.285	0.09	0.48	0.276	0.195	96.8	0.09	0.09	0.09	0.285	0.48	0.48
The Basin	The Basin	1994	1	0.16	0.16	0.16										
Upper Bay Minette Creek	Upper Bay Minette Creek	1993	1	0.11	0.11	0.11										
		1994	4	0.09	0.08	0.12	0.02	0.01	22.2	0.08	0.08	0.08	0.08	0.1	0.12	0.12
		1995	8	0.0713	0.04	0.11	0.024	0.009	33.9	0.04	0.04	0.055	0.065	0.09	0.11	0.11
Upper Fish River	Upper Fish River	1993	5	0.738	0.12	1.6	0.665	0.297	90.1	0.12	0.12	0.3	0.37	1.3	1.6	1.6
		1994	4	0.753	0.1	1.5	0.752	0.376	100.0	0.1	0.1	0.105	0.705	1.4	1.5	1.5
		1995	7	1.276	0.93	1.5	0.179	0.068	14.1	0.93	0.93	1.2	1.3	1.4	1.5	1.5
		1996	4	1.25	1.1	1.3	0.1	0.05	8	1.1	1.1	1.2	1.3	1.3	1.3	1.3
Upper Mobile Bay	Upper Mobile Bay	1989	47	0.066	0.00042	0.21924	0.073	0.011	109.8	0.00056	0.0007	0.00238	0.02016	0.13804	0.17696	0.19572
		1990	44	0.086	0.002363	0.2464	0.069	0.010	80.0	0.004252	0.009915	0.016684	0.087766	0.1512	0.1694	0.17514
		1991	77	0.093	0.00112	0.4452	0.092	0.010	99.0	0.00168	0.00364	0.01456	0.06062	0.17136	0.19236	0.2681
		1992	105	0.083	0.0007	0.25872	0.087	0.008	104.9	0.0035	0.0063	0.01148	0.03542	0.1624	0.22932	0.2485
		1993	34	0.080	0.00084	0.26026	0.095	0.016	118.3	0.00196	0.00224	0.00896	0.02807	0.16954	0.23898	0.24822
		1994	44	0.093	0.001078	0.71974	0.139	0.021	149.4	0.00308	0.00518	0.00973	0.03206	0.13461	0.16394	0.37212
		1995	24	0.052	0.00119	0.26152	0.079	0.016	152.3	0.00168	0.00196	0.005705	0.013125	0.072625	0.22162	0.2492
		1997	11	0.163	0.02436	0.21532	0.069	0.021	42.1	0.02436	0.02954	0.17234	0.18634	0.20048	0.2107	0.21532
		1998	107	0.091	0	0.21574	0.073	0.007	79.8	0.00014	0.0021	0.01624	0.07994	0.16394	0.17696	0.19782
		1999	80	0.086	0.00084	0.27608	0.086	0.010	99.2	0.00189	0.00287	0.00399	0.05831	0.16716	0.2254	0.24465

Attachment E: Nitrate + Nitrite Nitrogen as N - Filtered
Summary Table by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	Bay Boudreau	2001	10	0.115	0.06	0.22	0.048	0.015	41.9	0.06	0.06	0.07	0.115	0.14	0.18	0.22
	Bayou La Loutre	1978	10	0.044	0.005	0.11	0.034	0.011	78.2	0.005	0.0075	0.01	0.04	0.07	0.09	0.11
		1979	11	0.195	0.02	1.52	0.442	0.133	227.4	0.02	0.02	0.02	0.05	0.12	0.18	1.52
		1980	11	0.075	0.01	0.52	0.148	0.045	196.8	0.01	0.01	0.02	0.03	0.06	0.06	0.52
		1981	11	0.064	0.01	0.16	0.039	0.012	61.4	0.01	0.02	0.04	0.06	0.08	0.08	0.16
		1982	11	0.043	0.02	0.13	0.034	0.010	80.5	0.02	0.02	0.02	0.03	0.05	0.08	0.13
		1983	11	0.209	0.01	0.99	0.295	0.089	141.2	0.01	0.04	0.04	0.05	0.31	0.47	0.99
		1984	10	0.042	0.01	0.15	0.041	0.013	97.1	0.01	0.015	0.02	0.03	0.05	0.105	0.15
		1985	7	0.033	0.02	0.05	0.010	0.004	28.9	0.02	0.02	0.03	0.03	0.04	0.05	0.05
		1986	8	0.043	0.02	0.074	0.019	0.007	44.7	0.02	0.02	0.03	0.04	0.055	0.074	0.074
		1987	7	0.05	0.02	0.08	0.023	0.009	46.2	0.02	0.02	0.03	0.06	0.07	0.08	0.08
		1988	10	0.094	0.02	0.2	0.069	0.022	72.9	0.02	0.02	0.05	0.07	0.16	0.2	0.2
		1989	11	0.051	0.02	0.11	0.027	0.008	52.3	0.02	0.03	0.03	0.05	0.07	0.08	0.11
		1990	10	0.074	0.02	0.16	0.053	0.017	71.3	0.02	0.02	0.04	0.055	0.11	0.16	0.16
		1991	6	0.082	0.03	0.14	0.044	0.018	54.4	0.03	0.03	0.05	0.07	0.13	0.14	0.14
		1992	11	0.037	0.02	0.07	0.016	0.005	43.4	0.02	0.02	0.03	0.03	0.05	0.06	0.07
		1993	4	0.083	0.02	0.19	0.078	0.039	94.6	0.02	0.02	0.025	0.06	0.14	0.19	0.19
		1994	5	0.04	0.02	0.06	0.016	0.007	39.5	0.02	0.02	0.03	0.04	0.05	0.06	0.06
		1995	6	0.038	0.01	0.12	0.041	0.017	106.2	0.01	0.01	0.02	0.025	0.03	0.12	0.12
		1996	9	0.043	0.02	0.09	0.023	0.008	52.9	0.02	0.02	0.02	0.04	0.05	0.09	0.09
		1997	10	0.179	0.03	1.23	0.371	0.117	207.2	0.03	0.03	0.03	0.06	0.12	0.675	1.23
		1998	5	0.102	0.06	0.16	0.037	0.017	36.3	0.06	0.06	0.09	0.09	0.11	0.16	0.16
		2001	40	0.170	0.05	0.55	0.108	0.017	63.3	0.06	0.075	0.1025	0.125	0.21	0.34	0.385
	Bayou Sauvage	1996	2	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Bays Gardene, Black, American and Crabe	2001	15	0.095	0.03	0.17	0.034	0.009	35.4	0.03	0.06	0.08	0.09	0.12	0.14	0.17
California Bay and Breton Sound	California Bay and Breton Sound	1978	37	0.701	0.005	2.4	0.750	0.123	107.0	0.005	0.01	0.02	0.63	1.23	1.7	2.4
		1979	39	0.719	0.01	1.85	0.660	0.106	91.8	0.02	0.02	0.03	0.91	1.18	1.82	1.84
		1980	33	0.669	0.01	1.65	0.569	0.099	85.1	0.02	0.02	0.04	0.88	1.18	1.33	1.44
		1981	39	0.954	0.01	2.4	0.793	0.127	83.1	0.01	0.01	0.03	1.2	1.52	2.02	2.32
		1982	41	0.948	0.01	2.28	0.847	0.132	89.3	0.01	0.02	0.04	1.08	1.52	2.14	2.24
		1983	37	0.966	0.01	2.32	0.825	0.136	85.4	0.02	0.03	0.08	1.3	1.65	2.1	2.24
		1984	44	0.891	0.02	2.98	0.916	0.138	102.8	0.02	0.02	0.03	0.74	1.78	1.88	2.46
		1985	45	0.676	0.01	2	0.672	0.100	99.4	0.02	0.02	0.03	0.59	1.3	1.42	1.85
		1986	37	1.071	0.02	2.94	0.927	0.152	86.5	0.02	0.02	0.05	1.12	1.68	2.3	2.94
		1987	38	0.723	0.02	1.73	0.574	0.093	79.4	0.02	0.02	0.06	0.85	1.11	1.46	1.72
		1988	32	0.725	0.02	1.74	0.621	0.110	85.7	0.03	0.03	0.055	0.6	1.31	1.64	1.74
		1989	43	0.599	0.01	1.36	0.503	0.077	84.0	0.02	0.03	0.05	0.59	0.98	1.31	1.35
		1990	43	0.894	0.02	2.52	0.867	0.132	97.0	0.02	0.02	0.04	0.96	1.6	2.17	2.3
		1991	34	0.811	0.02	2.57	0.798	0.137	98.4	0.02	0.02	0.09	0.65	1.28	1.89	2.48
		1992	32	1.031	0.02	2.81	0.964	0.170	93.5	0.02	0.04	0.1	1.14	1.83	2.09	2.72
		1993	27	0.828	0.02	2.63	0.877	0.169	106.0	0.03	0.04	0.06	0.16	1.65	2.09	2.38
		1994	28	0.590	0.02	1.51	0.560	0.106	94.9	0.02	0.02	0.04	0.425	1.19	1.34	1.45
		1995	24	0.647	0.01	1.69	0.665	0.136	102.7	0.01	0.02	0.03	0.27	1.4	1.51	1.66
		1996	32	0.641	0.02	2.34	0.657	0.116	102.6	0.02	0.04	0.065	0.355	1.24	1.53	1.75
		1997	34	0.538	0.02	1.79	0.579	0.099	107.5	0.02	0.03	0.05	0.22	1.14	1.36	1.62
		1998	22	0.993	0.06	2.57	0.805	0.172	81.1	0.11	0.15	0.17	0.925	1.68	1.98	2.3

Attachment E: Nitrate + Nitrite Nitrogen as N - Filtered
Summary Table by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	California Bay and Breton Sound	1999	12	2.312	0.79	9.38	2.352	0.679	101.7	0.79	0.88	1.07	1.415	2.73	2.93	9.38
		2000	12	1.72	0.66	6.1	1.497	0.432	87.1	0.66	0.7	0.945	1.195	1.935	2.51	6.1
		2001	141	0.306	0.02	2.9	0.545	0.046	178.2	0.03	0.05	0.06	0.08	0.17	0.17	1.49
	Chandeleur Sound	1976	9	0.05	0.01	0.18	0.051	0.017	103.0	0.01	0.01	0.02	0.03	0.05	0.18	0.18
		2001	5	0.096	0.03	0.18	0.059	0.027	61.9	0.03	0.03	0.06	0.08	0.13	0.18	0.18
	Eloi Bay	1975	3	0.02	0.01	0.03	0.01	0.006	50	0.01	0.01	0.01	0.02	0.03	0.03	0.03
		1976	2	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Inner Harbor Navigation Canal	1975	1	0.57	0.57	0.57	0.058	0.033	5.4	1	1	1	1.1	1.1	1.1	1.1
		1976	3	1.067	1	1.1	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		1996	2	0.01	0.01	0.01	0.049	0.016	40.8	0.07	0.07	0.07	0.11	0.15	0.195	0.195
		2001	9	0.119	0.07	0.195	0.049	0.016	40.8	0.07	0.07	0.07	0.11	0.15	0.195	0.195
	Intracoastal Waterway	1994	1	0.88	0.88	0.88										
Lake Borgne	Lake Borgne	1978	30	0.196	0.01	0.58	0.137	0.025	70.1	0.01	0.03	0.06	0.205	0.28	0.35	0.41
		1979	33	0.185	0.03	0.34	0.085	0.015	45.8	0.03	0.08	0.11	0.18	0.25	0.3	0.33
		1980	31	0.145	0.02	0.33	0.079	0.014	54.0	0.04	0.04	0.08	0.15	0.19	0.25	0.28
		1981	35	0.169	0.02	0.34	0.101	0.017	60.0	0.02	0.03	0.06	0.16	0.25	0.3	0.32
		1982	35	0.189	0.02	0.43	0.103	0.017	54.7	0.02	0.06	0.1	0.19	0.27	0.33	0.38
		1983	33	0.175	0.02	1.17	0.194	0.034	110.8	0.05	0.06	0.08	0.14	0.2	0.27	0.31
		1984	34	0.191	0.03	0.9	0.145	0.025	76.0	0.03	0.06	0.13	0.175	0.22	0.24	0.34
		1985	34	0.159	0.02	0.34	0.099	0.017	62.4	0.02	0.03	0.09	0.165	0.23	0.28	0.32
		1986	31	0.166	0.02	0.51	0.110	0.020	66.0	0.02	0.04	0.07	0.15	0.24	0.28	0.33
		1987	33	0.153	0.02	0.38	0.097	0.017	63.5	0.02	0.03	0.08	0.15	0.22	0.29	0.31
		1988	34	0.2	0.02	0.78	0.141	0.024	70.3	0.02	0.07	0.12	0.18	0.26	0.34	0.4
		1989	35	0.219	0.08	0.4	0.078	0.013	35.4	0.09	0.1	0.17	0.21	0.27	0.33	0.35
		1990	33	0.189	0.03	0.37	0.101	0.018	53.7	0.03	0.04	0.12	0.19	0.24	0.33	0.37
		1991	30	0.183	0.07	0.42	0.082	0.015	45.1	0.08	0.09	0.12	0.17	0.23	0.305	0.32
		1992	28	0.155	0.02	0.32	0.085	0.016	54.6	0.06	0.07	0.09	0.14	0.23	0.29	0.32
		1993	27	0.239	0.05	1.8	0.333	0.064	139.4	0.05	0.05	0.11	0.14	0.29	0.39	0.5
		1994	30	0.226	0.01	1.11	0.209	0.038	92.6	0.06	0.075	0.11	0.165	0.26	0.435	0.61
		1995	29	0.179	0.01	0.68	0.149	0.028	83.2	0.02	0.02	0.07	0.13	0.27	0.36	0.38
		1996	28	0.199	0.02	0.38	0.093	0.018	46.7	0.04	0.1	0.13	0.185	0.265	0.33	0.36
		1997	29	0.158	0.06	0.35	0.075	0.014	47.5	0.08	0.08	0.1	0.13	0.2	0.29	0.32
		1998	26	0.188	0.06	0.41	0.099	0.019	52.6	0.06	0.06	0.12	0.165	0.24	0.36	0.38
		1999	24	0.237	0.07	0.47	0.101	0.021	42.5	0.1	0.12	0.15	0.245	0.285	0.39	0.4
		2000	23	0.154	0.02	0.46	0.132	0.027	85.3	0.03	0.03	0.04	0.12	0.22	0.34	0.37
		2001	113	0.331	0.03	4.11	0.667	0.063	201.3	0.05	0.06	0.08	0.12	0.195	0.85	1.91
MONTE SANO BAYOU TO HEAD OF PASSES	MONTE SANO BAYOU TO HEAD OF PASSES	1973	46	1.193	0.02	2	0.373	0.055	31.3	0.63	0.71	0.98	1.2	1.4	1.7	1.8
		1974	5	1.16	1	1.2	0.089	0.04	7.7	1	1	1.2	1.2	1.2	1.2	1.2
		1975	9	0.813	0.63	1.1	0.145	0.048	17.9	0.63	0.63	0.69	0.79	0.9	1.1	1.1
		1976	21	1.170	0.36	1.8	0.290	0.063	24.8	1	1	1	1.1	1.3	1.4	1.7
		1977	1	1.3	1.3	1.3										
		1978	26	1.225	0.01	2.4	0.599	0.117	48.9	0.61	0.61	0.77	1.145	1.76	1.93	2.4
		1979	34	1.212	0.69	1.9	0.326	0.056	26.9	0.7	0.78	0.98	1.15	1.4	1.75	1.86
		1980	39	1.225	0.81	2.5	0.361	0.058	29.5	0.81	0.82	0.94	1.2	1.36	1.4	2.5
		1981	43	1.594	0.03	2.38	0.432	0.066	27.1	1.02	1.2	1.4	1.5	1.88	2.1	2.2

Attachment E: Nitrate + Nitrite Nitrogen as N - Filtered
Summary Table by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	MONTE SANO BAYOU TO HEAD OF PASSES	1982	34	1.614	0.8	2.5	0.523	0.090	32.4	0.86	0.88	1.17	1.54	2.1	2.24	2.5
		1983	40	1.456	0.22	2.4	0.607	0.096	41.7	0.375	0.51	1.25	1.545	1.86	2.2	2.31
		1984	38	1.533	0.7	2.74	0.587	0.095	38.3	0.74	0.74	1	1.6	1.87	2.42	2.72
		1985	38	1.184	0.35	1.98	0.441	0.072	37.3	0.35	0.45	0.96	1.275	1.4	1.78	1.94
		1986	40	1.751	0.99	2.95	0.582	0.092	33.3	1.005	1.02	1.285	1.62	2.25	2.55	2.77
		1987	38	1.127	0.03	1.7	0.349	0.057	31.0	0.57	0.8	0.88	1.145	1.37	1.67	1.7
		1988	54	0.857	0.25	1.78	0.456	0.062	53.2	0.33	0.45	0.51	0.65	1.17	1.6	1.67
		1989	36	1.002	0.5	1.37	0.259	0.043	25.8	0.5	0.55	0.88	1	1.2	1.31	1.37
		1990	36	1.485	0.3	2.5	0.606	0.101	40.8	0.3	0.68	1.1	1.35	1.94	2.44	2.5
		1991	30	1.554	0.7	2.58	0.553	0.101	35.6	0.8	0.805	1.2	1.5	1.91	2.45	2.5
		1992	29	1.817	1.04	2.8	0.451	0.084	24.8	1.27	1.33	1.6	1.7	1.9	2.65	2.8
		1993	36	1.764	1.1	2.69	0.337	0.056	19.1	1.3	1.41	1.535	1.64	2.07	2.2	2.3
		1994	43	1.159	0.75	1.8	0.227	0.035	19.6	0.79	0.9	1.1	1.15	1.23	1.4	1.57
		1995	25	1.381	0.61	1.9	0.357	0.071	25.8	0.68	0.97	1.12	1.4	1.57	1.9	1.9
		1996	17	1.406	0.06	3.1	0.669	0.162	47.6	0.06	0.72	1.1	1.4	1.69	2.35	3.1
		1997	19	1.273	0.67	1.88	0.350	0.080	27.5	0.67	0.83	0.93	1.29	1.5	1.81	1.88
		1998	10	1.706	1.1	2.9	0.537	0.170	31.5	1.1	1.2	1.3	1.555	1.9	2.54	2.9
		1999	6	1.757	1.3	2.04	0.328	0.134	18.6	1.3	1.3	1.4	1.9	2	2.04	2.04
	Mississippi River Passes	1976	1	1.4	1.4	1.4										
New Orleans East leveed waterbodies		1976	4	0.043	0.01	0.09	0.036	0.018	84.6	0.01	0.01	0.015	0.035	0.07	0.09	0.09
		1991	13	0.134	0.03	0.35	0.117	0.032	87.1	0.03	0.04	0.05	0.05	0.25	0.3	0.35
		1992	14	0.103	0.02	0.46	0.115	0.031	112.1	0.02	0.02	0.03	0.065	0.14	0.19	0.46
		1993	10	0.166	0.08	0.33	0.075	0.024	44.9	0.08	0.08	0.13	0.15	0.21	0.275	0.33
		1994	10	0.251	0.03	1.71	0.515	0.163	205.3	0.03	0.035	0.05	0.08	0.17	0.945	1.71
		1995	13	0.122	0.02	0.3	0.070	0.019	57.2	0.02	0.05	0.06	0.13	0.14	0.16	0.3
		1996	15	0.083	0.02	0.15	0.042	0.011	50.8	0.02	0.03	0.04	0.08	0.12	0.14	0.15
		1997	18	0.554	0.06	1.6	0.457	0.108	82.4	0.06	0.13	0.23	0.41	0.65	1.42	1.6
		1998	8	0.446	0.17	0.98	0.274	0.097	61.4	0.17	0.17	0.25	0.375	0.585	0.98	0.98
		2001	23	0.300	0.05	1.07	0.264	0.055	88.2	0.06	0.06	0.08	0.19	0.49	0.62	0.69
MS	River Aux Chenes (Oak River)	2001	7	0.229	0.06	0.61	0.206	0.078	90.1	0.06	0.06	0.07	0.12	0.38	0.61	0.61
	The Rigolets	1996	2	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	West Pearl River	1995	3	0.15	0.06	0.28	0.115	0.067	76.9	0.06	0.06	0.06	0.11	0.28	0.28	0.28
	Back Bay of Biloxi	1990	6	0.05	0.02	0.11	0.035	0.014	69.3	0.02	0.02	0.02	0.04	0.07	0.11	0.11
	Choctaw Creek - Tuxachanie Creek	1997	3	0.057	0.03	0.1	0.038	0.022	66.8	0.03	0.03	0.03	0.04	0.1	0.1	0.1
MS	Flat Branch - Turkey Creek	1999	8	0.034	0.00196	0.06874	0.029	0.010	85.2	0.00196	0.00196	0.00476	0.03213	0.06531	0.06874	0.06874
		1991	12	0.135	0.02	0.47	0.130	0.037	95.9	0.02	0.02	0.03	0.115	0.205	0.22	0.47
		1992	12	0.053	0.02	0.21	0.059	0.017	109.7	0.02	0.02	0.02	0.065	0.12	0.21	0.21
		1996	1	0.05	0.05	0.05	0.05			0.05	0.05	0.05	0.05	0.05	0.05	0.05
	Old Fort Bayou	1997	7	0.13	0.06	0.24	0.077	0.029	58.9	0.06	0.06	0.07	0.08	0.2	0.24	0.24
		1997	1	0.01	0.01	0.01										

Attachment E: Nitrate + Nitrite Nitrogen as N - Filtered
Summary Table by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Polar Branch - Wolf River	1978	7	0.07	0.02	0.27	0.089	0.034	127.0	0.02	0.02	0.03	0.04	0.05	0.27	0.27
		1979	9	0.06	0.02	0.1	0.023	0.008	39.1	0.02	0.02	0.04	0.07	0.07	0.1	0.1
		1980	17	0.095	0.05	0.15	0.036	0.009	37.3	0.05	0.05	0.06	0.09	0.11	0.15	0.15
		1981	10	0.064	0.01	0.13	0.045	0.014	70.0	0.01	0.01	0.04	0.055	0.11	0.13	0.13
		1982	12	0.078	0.05	0.17	0.047	0.014	59.8	0.05	0.05	0.05	0.05	0.1	0.17	0.17
		1983	8	0.07	0.05	0.13	0.037	0.013	52.9	0.05	0.05	0.05	0.05	0.09	0.13	0.13
		1984	8	0.068	0.05	0.12	0.032	0.011	48.0	0.05	0.05	0.05	0.05	0.085	0.12	0.12
		1985	8	0.063	0.05	0.1	0.023	0.008	37.0	0.05	0.05	0.05	0.05	0.075	0.1	0.1
		1986	6	0.05	0.05	0.05	0	0	0	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	UNKNOWN TRIBUTARY	1991	2	0.075	0.02	0.13	0.078	0.055	103.7	0.02	0.02	0.02	0.075	0.13	0.13	0.13
	1992	6	0.055	0.02	0.18	0.064	0.026	117.1	0.02	0.02	0.02	0.02	0.07	0.18	0.18	
	1993	6	0.05	0.02	0.12	0.04	0.016	80	0.02	0.02	0.02	0.035	0.07	0.12	0.12	
	West Pascagoula River - East Pascagoula River	1992	1	0.025	0.025	0.025										

**Attachment E: Orthophosphate as P - Filtered
Summary Tables by State, HUC 12 and Year
units: mg/L**

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Bayou Sara	1973	1	0	0	0										
	Big Chippewa Lake	1990	2	0.02	0.02	0.02	0	0	0	0.02	0.02	0.02	0.02	0.02	0.02	0.02
	Bon Secour River	1991	9	0.019	0.01	0.04	0.0093	0.0031	49.1	0.01	0.01	0.01	0.02	0.02	0.04	0.04
	Fly Creek	1994	2	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Halls Creek	1994	1	0.01	0.01	0.01										
	Little Lagoon	1992	5	0.02	0.02	0.02	0	0	0	0.02	0.02	0.02	0.02	0.02	0.02	0.02
	Lower Fish River	1994	1	0.01	0.01	0.01										
		1995	3	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		1996	4	0.0125	0.01	0.02	0.005	0.0025	40	0.01	0.01	0.01	0.01	0.015	0.02	0.02
		1994	4	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Magnolia River	1995	9	0.013	0.01	0.03	0.0071	0.0024	53.0	0.01	0.01	0.01	0.01	0.01	0.03	0.03
		1996	2	0.015	0.01	0.02	0.0071	0.0050	47.1	0.01	0.01	0.01	0.015	0.02	0.02	0.02
		1994	3	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Majors Creek	1995	9	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		1996	2	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		1994	1	0.01	0.01	0.01										
	Middle Fish River	1994	2	0.020	0.013	0.026	0.0092	0.0065	47.1	0.0130	0.0130	0.0130	0.0196	0.0261	0.0261	0.0261
	Powell Creek	1965	2	0.01	0.01	0.01										
	Rains Creek	1994	1	0.01	0.01	0.01										
	Tensaw River-Apalachee River	1994	2	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	The Basin	1994	1	0.01	0.01	0.01										
	Upper Bay Minette Creek	1993	1	0.01	0.01	0.01										
		1994	4	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		1995	8	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
		1996	2	0.015	0.01	0.02	0.0071	0.0050	47.1	0.01	0.01	0.01	0.015	0.02	0.02	0.02
		1993	5	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Upper Fish River	1994	4	0.015	0.01	0.02	0.0058	0.0029	38.5	0.01	0.01	0.01	0.015	0.02	0.02	0.02
		1995	7	0.017	0.01	0.04	0.0111	0.0042	64.9	0.01	0.01	0.01	0.01	0.02	0.04	0.04
		1996	4	0.013	0.01	0.02	0.005	0.0025	40	0.01	0.01	0.01	0.015	0.02	0.02	0.02
		1993	5	0.01	0.01	0.01	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01
LA	Bayou Sauvage	1996	2	0.005	0.005	0.005	0	0	0	0.005	0.005	0.005	0.005	0.005	0.005	0.005
	Inner Harbor Navigation Canal	1996	2	0.005	0.005	0.005	0	0	0	0.005	0.005	0.005	0.005	0.005	0.005	0.005
	Intracoastal Waterway	1994	1	0.05	0.05	0.05										
	MONTE SANO BAYOU TO HEAD OF PASSES	1972	1	0.03	0.03	0.03										
		1973	119	0.110	0	0.83	0.1264	0.0116	114.6	0.02	0.03	0.03	0.07	0.14	0.25	0.31
		1974	45	0.077	0	0.3	0.0537	0.0080	69.8	0.005	0.03	0.04	0.07	0.09	0.14	0.17
		1981	3	0.127	0.02	0.18	0.0924	0.0533	72.9	0.02	0.02	0.02	0.18	0.18	0.18	0.18
		1982	9	0.139	0.05	0.23	0.0639	0.0213	46.0	0.05	0.05	0.12	0.12	0.16	0.23	0.23
		1983	12	0.142	0.08	0.3	0.0858	0.0248	60.6	0.08	0.08	0.08	0.095	0.2	0.3	0.3
		1984	12	0.257	0.07	1	0.3493	0.1008	136.1	0.07	0.07	0.08	0.11	0.17	1	1
		1985	10	0.12	0.07	0.17	0.0427	0.0135	35.6	0.07	0.07	0.08	0.12	0.16	0.17	0.17
		1986	13	0.123	0.05	0.24	0.0599	0.0166	48.7	0.05	0.05	0.09	0.11	0.13	0.24	0.24
		1987	10	0.086	0.07	0.11	0.0171	0.0054	19.9	0.07	0.07	0.07	0.08	0.1	0.11	0.11
		1988	18	0.084	0.05	0.12	0.0287	0.0068	34.0	0.05	0.05	0.06	0.07	0.11	0.12	0.12
		1989	12	0.053	0.04	0.08	0.0167	0.0048	31.3	0.04	0.04	0.04	0.045	0.07	0.08	0.08
		1990	12	0.059	0.005	0.1	0.0305	0.0088	51.6	0.005	0.005	0.05	0.06	0.08	0.1	0.1
		1991	19	0.075	0.05	0.11	0.0209	0.0048	28.0	0.05	0.05	0.06	0.07	0.08	0.11	0.11
		1992	18	0.11	0.06	0.15	0.0261	0.0062	23.7	0.06	0.06	0.1	0.12	0.12	0.15	0.15
		1993	24	0.105	0.08	0.13	0.0177	0.0036	16.8	0.08	0.08	0.09	0.11	0.12	0.13	0.13

**Attachment E: Orthophosphate as P - Filtered
Summary Tables by State, HUC 12 and Year
units: mg/L**

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	MONTE SANO BAYOU TO HEAD OF PASSES	1994	30	0.056	0.04	0.12	0.0253	0.0046	45.1	0.04	0.04	0.04	0.04	0.06	0.1	0.11
		1995	14	0.078	0.05	0.15	0.0267	0.0071	34.2	0.05	0.05	0.06	0.075	0.09	0.1	0.15
		1996	4	0.08	0.05	0.11	0.0245	0.0122	30.6	0.05	0.05	0.065	0.08	0.095	0.11	0.11
		1997	7	0.072	0.043	0.11	0.0240	0.0091	33.3	0.043	0.043	0.05	0.066	0.09	0.11	0.11
		1998	5	0.086	0.06	0.13	0.0288	0.0129	33.5	0.06	0.06	0.06	0.09	0.09	0.13	0.13
		1999	6	0.099	0.06	0.13	0.0267	0.0109	27.1	0.06	0.06	0.08	0.1	0.122	0.13	0.13
	The Rigolets	1996	2	0.0075	0.005	0.01	0.0035	0.0025	47.1	0.005	0.005	0.005	0.0075	0.01	0.01	0.01
	West Pearl River	1995	3	0.023	0.02	0.03	0.0058	0.0033	24.7	0.02	0.02	0.02	0.02	0.03	0.03	0.03
MS	Bayou Costapia - Tchoutacabouffa River Polar Branch - Wolf River	1995	2	0.035	0.03	0.04	0.0071	0.0050	20.2	0.03	0.03	0.03	0.035	0.04	0.04	0.04
		1981	2	2.503	0.005	5	3.5320	2.4975	141.1	0.005	0.005	0.005	2.5025	5	5	5
		1982	12	4.171	0.005	20	5.9639	1.7216	143.0	0.005	0.005	0.005	2.51	5	10	20
		1983	8	5.005	0.005	20	7.0670	2.4986	141.2	0.005	0.005	0.0075	2.51	7.5	20	20
		1984	8	3.128	0.005	10	3.7171	1.3142	118.8	0.005	0.005	0.005	2.505	5	10	10
		1985	8	5.005	0.005	20	7.0670	2.4986	141.2	0.005	0.005	0.0075	2.51	7.5	20	20
		1986	6	3.337	0.005	10	4.0792	1.6653	122.3	0.005	0.005	0.005	2.505	5	10	10
	West Pascagoula River - East Pascagoula River	1992	1	0.03	0.03	0.03										

Attachment E: Productivity as C
Summary by State, HUC 12 and Year
units: g/m²/day

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Bon Secour Bay	1991	58	0.861	0.123	3.923	0.721	0.095	83.8	0.165	0.179	0.37	0.656	1.076	1.735	2.7
		1992	59	0.838	0.093	2.159	0.447	0.058	53.3	0.24	0.377	0.523	0.749	1.036	1.517	1.814
		1993	16	0.436	0.09	0.859	0.258	0.065	59.2	0.09	0.11	0.155	0.450	0.659	0.78	0.859
		1994	22	0.681	0.08	1.72	0.428	0.091	62.9	0.16	0.247	0.4	0.52	0.89	1.2	1.54
		1995	13	0.611	0.27	0.98	0.221	0.061	36.2	0.27	0.32	0.42	0.65	0.75	0.9	0.98
		1997	2	0.110	0.077	0.142	0.046	0.033	42.0	0.077	0.077	0.110	0.142	0.142	0.142	0.142
		1998	20	0.909	0.091	2.33	0.688	0.154	75.6	0.103	0.150	0.515	0.795	1.15	2.26	2.3
		1999	20	1.145	0.05	2.34	0.617	0.138	53.9	0.055	0.25	0.71	1.1	1.48	1.97	2.165
	Lower Fish River	1991	199	0.994	0	7.548	0.924	0.065	92.9	0.176	0.218	0.415	0.864	1.31	1.826	2.25
		1992	62	0.838	0.007	2.132	0.613	0.078	73.2	0.011	0.05	0.377	0.758	1.33	1.735	1.821
		1996	70	1.061	0.02	3.95	1.065	0.127	100.4	0.05	0.055	0.2	0.57	1.88	2.685	3.5
		1997	93	1.119	0	5.21	1.074	0.111	96.0	0.03	0.07	0.39	0.83	1.53	2.59	3.77
AL	Lower Mobile Bay	1991	17	0.491	0.108	0.882	0.243	0.059	49.6	0.108	0.142	0.338	0.439	0.669	0.82	0.882
		1992	23	1.002	0.179	4.06	0.781	0.163	78.0	0.18	0.523	0.596	0.82	1.241	1.579	1.926
		1993	14	0.465	0.109	1.035	0.290	0.077	62.3	0.109	0.172	0.27	0.397	0.68	0.995	1.035
		1994	23	0.701	0.007	1.71	0.425	0.089	60.7	0.04	0.213	0.349	0.75	0.93	1.18	1.33
		1995	12	0.659	0.13	3.08	0.792	0.229	120.2	0.13	0.17	0.32	0.415	0.685	0.83	3.08
		1997	1	0.070	0.07	0.07										
		1998	10	0.898	0.124	2.09	0.643	0.203	71.6	0.124	0.150	0.42	0.74	1.37	1.87	2.09
		1999	9	1.376	0.08	2.42	0.710	0.237	51.6	0.08	0.08	1.18	1.41	1.73	2.42	2.42
		1991	32	0.550	0.06	2.229	0.439	0.078	79.8	0.091	0.1	0.264	0.464	0.74	1.012	1.226
AL	Middle Mobile Bay	1992	45	0.802	0.033	3.529	0.658	0.098	82.1	0.101	0.106	0.42	0.71	1.007	1.566	2.089
		1993	16	0.333	0.01	0.956	0.252	0.063	75.8	0.01	0.024	0.115	0.376	0.462	0.573	0.956
		1994	28	0.777	0.01	3.3	0.680	0.128	87.5	0.08	0.146	0.295	0.645	0.975	1.42	2.02
		1995	16	0.784	0.17	2.49	0.695	0.174	88.6	0.17	0.21	0.38	0.555	0.745	2.25	2.49
		1997	2	0.097	0.05	0.143	0.066	0.047	68.1	0.05	0.05	0.05	0.097	0.143	0.143	0.143
		1998	20	1.149	0.082	2.18	0.717	0.160	62.4	0.111	0.14	0.59	1.165	1.9	2.09	2.15
		1999	16	1.610	0.07	3.13	0.928	0.232	57.6	0.07	0.07	0.925	1.7	2.4	2.71	3.13
		1991	10	0.702	0.21	1.384	0.367	0.116	52.2	0.21	0.241	0.367	0.682	0.973	1.191	1.384
AL	Mississippi Sound	1992	10	0.643	0.308	1.016	0.216	0.068	33.6	0.308	0.387	0.49	0.631	0.696	0.992	1.016
		1998	11	1.160	0.508	2.68	0.720	0.217	62.0	0.508	0.6	0.64	0.88	1.64	2.21	2.68
		1999	9	1.121	0.23	2.05	0.639	0.213	57.0	0.23	0.23	0.64	1.04	1.66	2.05	2.05
		1991	19	1.119	0	3.052	0.819	0.188	73.2	0	0.323	0.494	0.94	1.647	2.51	3.052
AL	Skunk Bayou	1992	8	1.328	0.359	2.225	0.716	0.253	53.9	0.359	0.359	0.641	1.431	1.948	2.225	2.225
		1996	10	1.627	0.22	3.56	0.988	0.312	60.7	0.22	0.625	1.14	1.26	1.77	3.305	3.56
		1997	13	1.485	0.11	3.94	1.006	0.279	67.8	0.11	0.77	0.8	1	2.03	2.26	3.94
		1991	24	0.543	0.023	1.961	0.504	0.103	92.7	0.035	0.078	0.185	0.428	0.672	1.131	1.747
AL	Upper Mobile Bay	1992	33	0.692	0.059	3.313	0.777	0.135	112.3	0.068	0.075	0.143	0.333	1.103	1.88	2.344
		1993	15	0.430	0.01	1.211	0.441	0.114	102.6	0.01	0.01	0.029	0.29	0.856	1.21	1.211
		1994	22	0.598	0.01	2.6	0.784	0.167	131.0	0.02	0.07	0.092	0.259	0.65	1.93	2.28
		1995	12	0.702	0.08	2.3	0.624	0.180	89.0	0.08	0.12	0.235	0.595	1.04	1.1	2.3
		1997	2	0.057	0.034	0.08	0.033	0.023	57.1	0.034	0.034	0.034	0.057	0.08	0.08	0.08
		1998	20	1.629	0.053	5.07	1.499	0.335	92.0	0.066	0.121	0.425	0.965	2.86	3.815	4.52
		1999	16	1.371	0.04	3.06	0.954	0.238	69.6	0.04	0.04	0.6	1.34	2.005	2.93	3.06

Attachment E: Secchi Depth
Summary by State, HUC 12 and Year
units: meters

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Bon Secour Bay	1989	23	1.25	0.4	2.9	0.58	0.12	46.1	0.7	0.75	0.8	1.1	1.6	2	2.25
		1990	39	0.75	0.1	2.4	0.62	0.10	82.6	0.1	0.1	0.3	0.5	1.2	1.7	2.3
		1991	112	1.08	0.12	2.75	0.51	0.05	47.4	0.3	0.45	0.64	1.11	1.4	1.75	1.9
		1992	109	1.36	0.25	2.75	0.55	0.05	40.2	0.5	0.7	1	1.3	1.7	2.05	2.5
		1993	4	1.25	1	1.5	0.20	0.10	16.3	1	1	1.13	1.25	1.38	1.5	1.5
		1994	3	0.78	0.7	0.9	0.10	0.06	13.3	0.7	0.7	0.7	0.75	0.9	0.9	0.9
		1997	5	1.74	1	2.9	0.76	0.34	43.9	1	1	1.1	1.8	1.9	2.9	2.9
		1998	49	0.98	0.2	2.25	0.58	0.08	59.2	0.2	0.2	0.4	1	1.3	1.9	2
		1999	46	0.96	0.1	2.5	0.52	0.08	54.5	0.3	0.3	0.5	0.93	1.3	1.6	1.7
	Lower Fish River	1990	130	0.83	0.4	1.5	0.27	0.02	32.3	0.5	0.5	0.65	0.75	0.9	1.25	1.48
		1991	312	0.53	0	1.65	0.23	0.01	43.8	0.2	0.25	0.4	0.5	0.7	0.8	0.9
		1992	61	0.40	0.05	1	0.24	0.03	59.6	0.1	0.1	0.25	0.3	0.55	0.75	0.85
		1996	180	0.93	0.2	2.1	0.47	0.03	50.3	0.4	0.45	0.5	0.8	1.1	1.7	1.9
		1997	246	0.82	0.25	2.3	0.43	0.03	52.5	0.3	0.4	0.5	0.7	1.1	1.4	1.6
		1998	98	0.61	0.1	1.5	0.40	0.04	65.4	0.1	0.12	0.25	0.5	0.8	1.3	1.4
		1999	94	0.98	0.35	2.5	0.60	0.06	61.0	0.4	0.4	0.5	0.7	1.5	1.8	2
	Lower Mobile Bay	1989	16	0.76	0.2	1.5	0.48	0.12	63.3	0.2	0.2	0.28	0.75	1.18	1.5	1.5
		1990	20	0.76	0.1	1.75	0.57	0.13	74.7	0.13	0.15	0.23	0.65	1.23	1.6	1.73
		1991	39	0.99	0.2	2.1	0.51	0.08	52.1	0.2	0.3	0.6	0.85	1.4	1.75	1.95
		1992	41	1.06	0.4	2.5	0.49	0.08	46.6	0.5	0.5	0.62	1	1.35	1.75	1.75
		1993	4	0.75	0.5	1.25	0.35	0.18	47.1	0.5	0.5	0.5	0.63	1	1.25	1.25
		1994	2	0.65	0.5	0.8	0.21	0.15	32.6	0.5	0.5	0.5	0.65	0.8	0.8	0.8
		1997	3	1.30	1	1.5	0.26	0.15	20.4	1	1	1	1.4	1.5	1.5	1.5
		1998	28	0.94	0.2	2.9	0.69	0.13	72.9	0.2	0.2	0.38	0.75	1.5	1.8	2
		1999	27	1.00	0.2	2	0.52	0.10	52.0	0.3	0.4	0.5	1	1.4	1.8	1.8
		1990	5	1.05	0.55	1.5	0.36	0.16	34.4	0.55	0.55	0.87	1.1	1.25	1.5	1.5
	Magnolia River	1991	4	0.40	0	0.75	0.32	0.16	81.0	0	0	0.15	0.43	0.65	0.75	0.75
		1989	28	0.79	0.15	1.8	0.46	0.09	58.3	0.25	0.25	0.35	0.85	1.2	1.3	1.5
		1990	26	0.61	0.15	1.5	0.44	0.09	71.7	0.15	0.15	0.25	0.48	0.9	1.35	1.5
		1991	40	0.93	0.15	2.2	0.52	0.08	55.6	0.2	0.23	0.5	0.95	1.25	1.6	1.75
		1992	50	1.23	0.25	8.8	1.58	0.22	128.1	0.35	0.5	0.6	0.88	1.25	1.575	2
		1993	5	0.50	0.25	1	0.31	0.14	61.2	0.25	0.25	0.25	0.5	0.5	1	1
		1994	2	0.70	0.65	0.75	0.07	0.05	10.1	0.65	0.65	0.7	0.75	0.75	0.75	0.75
		1997	4	0.55	0.4	0.9	0.24	0.12	43.3	0.4	0.4	0.4	0.45	0.7	0.9	0.9
		1998	49	0.81	0.2	1.6	0.45	0.06	55.9	0.2	0.2	0.35	0.8	1.1	1.5	1.5
		1999	38	0.80	0.2	1.6	0.41	0.07	50.9	0.2	0.3	0.4	0.8	1.1	1.3	1.6
	Mississippi Sound	1991	16	1.26	0.65	2.5	0.55	0.14	43.4	0.65	0.7	0.8	1.15	1.63	2.1	2.5
		1992	14	1.31	0.5	2.25	0.49	0.13	37.5	0.5	0.75	0.95	1.25	1.7	2	2.25
		1998	32	0.90	0.2	1.6	0.38	0.07	42.1	0.3	0.4	0.55	1	1.15	1.3	1.5
		1999	29	1.04	0.15	1.7	0.49	0.09	46.8	0.2	0.3	0.6	1.2	1.4	1.6	1.7
	Skunk Bayou	1990	10	0.94	0.75	1.23	0.22	0.07	23.6	0.75	0.75	0.75	0.8	1.15	1.23	1.23
		1991	24	0.49	0	1	0.23	0.05	47.2	0.2	0.3	0.38	0.48	0.55	0.8	1
		1992	8	0.45	0.15	0.75	0.22	0.08	48.6	0.15	0.15	0.25	0.475	0.63	0.75	0.75
		1996	28	0.68	0.4	1.7	0.34	0.06	50.5	0.4	0.4	0.5	0.6	0.7	1.1	1.7
		1997	38	0.55	0.3	0.9	0.17	0.03	31.2	0.3	0.35	0.4	0.5	0.7	0.8	0.9
		1998	18	0.49	0.2	0.9	0.22	0.05	44.5	0.2	0.2	0.35	0.5	0.5	0.9	0.9
		1999	16	0.58	0.4	1	0.20	0.05	35.6	0.4	0.4	0.45	0.5	0.65	1	1

Attachment E: Secchi Depth
Summary by State, HUC 12 and Year
units: meters

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Upper Mobile Bay	1989	34	0.66	0.2	1.6	0.42	0.07	63.1	0.2	0.25	0.3	0.5	1	1.25	1.5
		1990	30	0.56	0.1	1.25	0.35	0.06	63.1	0.15	0.15	0.25	0.48	0.85	1.08	1.1
		1991	47	0.85	0.15	1.75	0.48	0.07	57.0	0.2	0.25	0.4	0.85	1.2	1.55	1.75
		1992	57	1.01	0.25	7.3	1.16	0.15	114.6	0.3	0.45	0.55	0.75	1	1.25	1.5
		1993	6	0.33	0.25	0.5	0.13	0.05	38.7	0.25	0.25	0.25	0.25	0.5	0.5	0.5
		1994	2	0.43	0.4	0.45	0.04	0.03	8.3	0.4	0.4	0.4	0.43	0.45	0.45	0.45
		1997	6	0.67	0.3	1.6	0.47	0.19	70.1	0.3	0.3	0.5	0.5	0.6	1.6	1.6
		1998	58	0.67	0.2	1.5	0.30	0.04	44.4	0.3	0.3	0.4	0.7	0.9	1	1.3
		1999	44	0.70	0.15	1.8	0.40	0.06	57.1	0.2	0.25	0.35	0.68	0.95	1.3	1.4
LA	Bayou Sauvage	1978	10	0.79	0.3556	1.2192	0.26	0.08	32.9	0.36	0.47	0.61	0.75	0.97	1.17	1.22
		1979	12	0.74	0.254	1.3716	0.35	0.10	47.2	0.25	0.46	0.52	0.60	1.04	1.24	1.37
		1980	11	0.69	0.1524	1.3208	0.42	0.13	60.8	0.15	0.20	0.30	0.69	1.14	1.19	1.32
		1981	12	1.04	0.6096	1.651	0.33	0.10	31.6	0.61	0.66	0.80	1.03	1.26	1.52	1.65
		1982	12	0.90	0.4572	1.2192	0.22	0.06	24.6	0.46	0.66	0.77	0.90	1.08	1.17	1.22
		1983	12	0.46	0.1778	0.9144	0.20	0.06	44.0	0.18	0.30	0.33	0.38	0.62	0.64	0.91
		1984	12	0.77	0.2921	1.1938	0.34	0.10	44.8	0.29	0.30	0.37	0.90	1.02	1.17	1.19
		1985	12	0.66	0.1016	0.9906	0.25	0.07	38.1	0.10	0.36	0.53	0.72	0.81	0.91	0.99
		1986	12	0.90	0.4064	1.5494	0.32	0.09	35.6	0.41	0.46	0.77	0.90	0.98	1.37	1.55
		1987	12	0.64	0.1524	1.1938	0.33	0.09	51.0	0.15	0.25	0.38	0.64	0.85	1.12	1.19
		1988	10	0.68	0.1016	1.3716	0.49	0.15	71.9	0.10	0.14	0.23	0.57	1.22	1.37	1.37
		1989	11	0.64	0.4064	0.9906	0.18	0.05	28.0	0.41	0.46	0.53	0.56	0.79	0.86	0.99
		1990	9	0.50	0.3048	0.9652	0.23	0.08	45.6	0.30	0.30	0.30	0.41	0.61	0.97	0.97
		1991	5	0.48	0.381	0.5334	0.06	0.03	13.4	0.38	0.38	0.46	0.51	0.53	0.53	0.53
		1992	8	0.57	0.1778	0.7366	0.19	0.07	33.9	0.18	0.18	0.48	0.62	0.70	0.74	0.74
		1993	11	0.58	0.4064	0.762	0.12	0.04	20.8	0.41	0.46	0.46	0.61	0.69	0.71	0.76
		1994	12	0.70	0.3556	1.016	0.23	0.07	33.3	0.36	0.36	0.53	0.74	0.89	1.02	1.02
		1995	11	0.61	0.381	0.8382	0.14	0.04	22.2	0.38	0.46	0.53	0.58	0.71	0.74	0.84
		1996	12	0.77	0.508	1.143	0.17	0.05	22.0	0.51	0.61	0.65	0.76	0.85	0.97	1.14
		1997	6	0.61	0.3048	0.7874	0.19	0.08	32.0	0.30	0.30	0.48	0.66	0.76	0.79	0.79
	LAKE BORGNE	1973	22	0.41	0.3048	0.762	0.14	0.03	35.0	0.30	0.30	0.30	0.36	0.46	0.61	0.76
MS	Back Bay of Biloxi	1990	6	0.79	0.65	0.9	0.11	0.05	14.0	0.65	0.65	0.66	0.8	0.9	0.9	0.9
		1997	7	0.69	0.6	0.78	0.07	0.03	10.6	0.6	0.6	0.6	0.7	0.78	0.78	0.78
		1998	21	0.84	0.33	1	0.24	0.05	28.9	0.46	0.46	0.65	1	1	1	1
	Bayou Portage	1998	19	0.97	0.51	1	0.11	0.03	11.7	0.51	0.9	1	1	1	1	1
	Bayou Talla - Jourdan River	1978	1	2.40	2.4	2.4										
		1982	1	2.00	2	2										
		1990	4	0.73	0.45	1.4	0.45	0.22	61.4	0.45	0.45	0.47	0.54	1	1.4	1.4
		1991	3	0.62	0.4	0.8	0.20	0.12	32.8	0.4	0.4	0.4	0.65	0.8	0.8	0.8
		1994	1	0.75	0.75	0.75										
		1998	3	0.47	0.38	0.65	0.16	0.09	33.2	0.38	0.38	0.38	0.65	0.65	0.65	0.65
	Choctaw Creek - Tuxachanie Creek	1999	4	1.10	0.4	2	0.67	0.33	60.8	0.4	0.4	0.65	1	1.55	2	2
	Cutoff Bayou - Jourdan River	1998	19	0.39	0.08	0.79	0.22	0.05	57.0	0.08	0.08	0.15	0.37	0.54	0.75	0.79
	Flat Branch - Bayou Bernard	1990	1	0.55	0.55	0.55										
	Flat Branch - Turkey Creek	1991	12	0.63	0.25	0.9	0.23	0.07	36.5	0.25	0.3	0.43	0.7	0.83	0.9	0.9
		1992	11	0.71	0.2	0.95	0.21	0.06	29.9	0.2	0.5	0.65	0.75	0.9	0.9	0.95
		1997	1	1.00	1	1										
		1998	31	1.00	1	1	0.00	0.00	0.0	1	1	1	1	1	1	1

Attachment E: Secchi Depth
Summary by State, HUC 12 and Year
units: meters

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Mulatto Bayou - Pearl River	1991	3	0.72	0.42	1.25	0.46	0.26	63.3	0.42	0.42	0.42	0.5	1.25	1.25	1.25
		1992	4	0.94	0.45	1.3	0.36	0.18	38.8	0.45	0.45	0.68	1	1.2	1.3	1.3
		1993	4	0.55	0.45	0.8	0.17	0.08	30.6	0.45	0.45	0.45	0.48	0.65	0.8	0.8
		1994	4	0.79	0.45	1	0.25	0.12	31.7	0.45	0.45	0.6	0.85	0.98	1	1
		1995	1	0.70	0.7	0.7										
	Old Fort Bayou	1997	1	0.50	0.5	0.5										
	UNKNOWN TRIBUTARY	1978	8	1.58	0.8	4.5	1.22	0.43	77.3	0.8	0.8	0.86	1.21	1.61	4.5	4.5
		1979	2	12.75	2.5	23	14.50	10.25	113.7	2.5	2.5	2.5	12.75	23	23	23
		1980	2	6.00	5	7	1.41	1.00	23.6	5	5	5	6	7	7	7
		1981	3	2.77	1.3	5.5	2.36	1.36	85.2	1.3	1.3	1.3	1.52	5.5	5.5	5.5
		1982	6	0.88	0.75	1.15	0.16	0.07	18.4	0.75	0.75	0.75	0.81	1	1.15	1.15
		1983	6	0.93	0.45	2	0.67	0.27	71.9	0.45	0.45	0.45	0.58	1.5	2	2
		1984	3	1.18	0.75	1.75	0.51	0.30	43.4	0.75	0.75	0.75	1.05	1.75	1.75	1.75
		1985	3	0.58	0.3	0.8	0.26	0.15	44.0	0.3	0.3	0.3	0.65	0.8	0.8	0.8
		1986	6	1.12	0.9	1.35	0.15	0.06	13.2	0.9	0.9	1.05	1.13	1.15	1.35	1.35
		1987	6	0.69	0.4	0.9	0.20	0.08	29.4	0.4	0.4	0.55	0.73	0.85	0.9	0.9
		1990	3	0.58	0.45	0.7	0.13	0.07	21.6	0.45	0.45	0.45	0.6	0.7	0.7	0.7
		1991	2	0.50	0.4	0.6	0.14	0.10	28.3	0.4	0.4	0.4	0.5	0.6	0.6	0.6
		1992	6	0.76	0.28	1.05	0.28	0.11	36.6	0.28	0.28	0.66	0.78	1	1.05	1.05
		1993	5	0.67	0.6	0.8	0.08	0.04	12.5	0.6	0.6	0.6	0.65	0.7	0.8	0.8
		1997	8	0.64	0.26	1	0.32	0.11	51.0	0.26	0.26	0.28	0.68	0.95	1	1
		1998	11	0.71	0.36	1.35	0.28	0.09	40.0	0.36	0.42	0.58	0.58	0.84	1.02	1.35
West Mississippi Sound	West Mississippi Sound	1973	18	0.35	0.3048	0.4572	0.07	0.02	19.2	0.30	0.30	0.30	0.30	0.41	0.46	0.46
		1997	10	10.73	0.3	50	20.70	6.55	193.0	0.3	0.45	0.6	1.25	1.3	50	50
		1998	15	0.87	0.14	1.7	0.58	0.15	66.8	0.14	0.14	0.18	0.66	1.46	1.7	1.7
	West Pascagoula River - East Pascagoula River	1977	1	0.41	0.41	0.41										
		1978	8	1.16	0.4	3.5	0.99	0.35	85.4	0.4	0.4	0.6	0.85	1.25	3.5	3.5
		1979	2	2.13	1.25	3	1.24	0.88	58.2	1.25	1.25	1.25	2.125	3	3	3
		1980	3	3.33	2.5	4.5	1.04	0.60	31.2	2.5	2.5	2.5	3	4.5	4.5	4.5
		1981	3	3.50	1.5	6	2.29	1.32	65.5	1.5	1.5	1.5	3	6	6	6
		1982	6	0.88	0.5	1.25	0.29	0.12	32.8	0.5	0.5	0.65	0.855	1.15	1.25	1.25
		1983	6	2.52	0.3	11	4.18	1.71	166.3	0.3	0.3	0.4	1	1.4	11	11
		1984	6	0.74	0.45	1.15	0.28	0.12	38.0	0.45	0.45	0.5	0.725	0.9	1.15	1.15
		1987	3	0.72	0.5	1.05	0.29	0.17	40.9	0.5	0.5	0.5	0.6	1.05	1.05	1.05

Attachment E: Total Kjeldahl Nitrogen as N
Summary by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Big Chippewa Lake	1990	5	0.52	0.35	0.69	0.158	0.071	30.4	0.35	0.35	0.35	0.6	0.6	0.69	0.69
		1991	15	0.61	0.49	0.73	0.064	0.017	10.5	0.49	0.55	0.58	0.6	0.67	0.73	0.73
	Bon Secour River	1994	2	0.20	0.20	0.20	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Fly Creek	1994	2	0.27	0.20	0.34	0.099	0.070	36.7	0.2	0.2	0.2	0.27	0.34	0.34	0.34
	Grand Bay	1973	24	0.30	0.20	0.50	0.071	0.015	23.7	0.22	0.23	0.25	0.29	0.34	0.4	0.4
		1990	4	0.49	0.42	0.56	0.081	0.040	16.5	0.42	0.42	0.42	0.49	0.56	0.56	0.56
	Halls Creek	1994	1	0.20	0.20	0.20										
	Little Lagoon	1992	5	0.46	0.30	0.58	0.105	0.047	22.7	0.3	0.3	0.45	0.45	0.52	0.58	0.58
	Lower Chasaw Creek	1973	28	0.51	0.20	1.13	0.231	0.044	45.1	0.22	0.24	0.32	0.475	0.68	0.85	0.85
		1990	16	0.76	0.38	1.40	0.313	0.078	41.4	0.38	0.38	0.535	0.68	0.92	1.4	1.4
	Lower Fish River	1990	2	0.49	0.37	0.61	0.170	0.120	34.6	0.37	0.37	0.37	0.49	0.61	0.61	0.61
		1991	10	0.47	0.23	0.80	0.211	0.067	45.2	0.23	0.23	0.26	0.465	0.62	0.78	0.8
		1992	8	0.59	0.32	0.91	0.177	0.063	29.9	0.32	0.32	0.49	0.575	0.685	0.91	0.91
		1993	2	1.18	0.66	1.70	0.735	0.520	62.3	0.66	0.66	1.18	1.7	1.7	1.7	1.7
		1994	1	0.20	0.20	0.20		0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		1995	3	0.20	0.20	0.20		0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		1996	4	0.21	0.20	0.22	0.01	0.005	4.9	0.2	0.2	0.2	0.2	0.21	0.22	0.22
	Lower Mobile Bay	1990	2	0.26	0.20	0.31	0.078	0.055	30.5	0.2	0.2	0.2	0.255	0.31	0.31	0.31
		1991	9	0.39	0.08	0.82	0.221	0.074	57.4	0.08	0.08	0.26	0.34	0.44	0.82	0.82
		1992	5	0.57	0.44	0.67	0.083	0.037	14.5	0.44	0.44	0.58	0.59	0.59	0.67	0.67
		1993	2	1.93	0.47	3.38	2.058	1.455	106.9	0.47	0.47	0.47	1.925	3.38	3.38	3.38
	Magnolia River	1994	4	0.38	0.20	0.93	0.365	0.183	95.4	0.2	0.2	0.2	0.2	0.565	0.93	0.93
		1995	9	0.22	0.20	0.32	0.042	0.014	18.8	0.2	0.2	0.2	0.2	0.22	0.32	0.32
		1996	2	0.20	0.20	0.20	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Majors Creek	1994	3	0.23	0.20	0.29	0.049	0.028	21.1	0.2	0.2	0.2	0.21	0.29	0.29	0.29
		1995	9	0.25	0.20	0.43	0.080	0.027	31.9	0.2	0.2	0.2	0.2	0.29	0.43	0.43
		1996	2	0.20	0.20	0.20	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Middle Fish River	1994	1	0.20	0.20	0.20										
	Mississippi Sound	1987	2	0.55	0.50	0.60	0.071	0.05	12.9	0.5	0.5	0.5	0.55	0.6	0.6	0.6
		1988	8	0.37	0.09	0.69	0.207	0.073	55.6	0.09	0.09	0.24	0.335	0.525	0.69	0.69
		1989	12	0.40	0.11	0.91	0.271	0.078	68.2	0.11	0.15	0.155	0.345	0.52	0.86	0.91
		1990	11	0.30	0.11	0.65	0.156	0.047	52.1	0.11	0.14	0.19	0.246	0.417	0.43	0.65
		1991	9	0.44	0.26	0.73	0.147	0.049	33.1	0.26	0.26	0.35	0.47	0.52	0.73	0.73
		1992	5	0.44	0.20	0.66	0.191	0.085	43.6	0.2	0.2	0.28	0.52	0.53	0.66	0.66
		1993	2	1.30	0.84	1.76	0.651	0.46	50.0	0.84	0.84	1.3	1.76	1.76	1.76	1.76
	Rains Creek	1994	1	0.26	0.26	0.26										
	Tensaw River-Apalachee Ri	1973	40	0.38	0.20	0.85	0.167	0.026	44.3	0.21	0.24	0.265	0.33	0.4	0.68	0.725
		1990	4	0.70	0.57	0.82	0.144	0.072	20.8	0.57	0.57	0.57	0.695	0.82	0.82	0.82
		1994	2	0.32	0.20	0.43	0.163	0.115	51.6	0.2	0.2	0.2	0.315	0.43	0.43	0.43
	The Basin	1994	1	0.21	0.21	0.21										
	Three Mile Creek	1973	20	2.58	0.22	7.70	2.093	0.468	81.0	0.26	0.335	0.635	2.855	3.62	5.35	6.65
	Upper Bay Minette Creek	1993	1	0.20	0.20	0.20	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		1994	4	0.20	0.20	0.37	0.063	0.021	26.0	0.2	0.2	0.2	0.28	0.37	0.37	0.37
		1995	9	0.24	0.20	0.20	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		1996	2	0.20	0.20	0.20	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Upper Dog River	1973	4	0.87	0.48	1.25	0.314	0.157	36.1	0.48	0.48	0.675	0.875	1.065	1.25	1.25

Attachment E: Total Kjeldahl Nitrogen as N
Summary by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Upper Fish River	1993	5	0.29	0.26	0.33	0.026	0.012	9.0	0.26	0.26	0.28	0.28	0.29	0.33	0.33
		1994	4	0.21	0.20	0.22	0.012	0.006	5.5	0.2	0.2	0.2	0.21	0.22	0.22	0.22
		1995	7	0.26	0.20	0.46	0.097	0.037	36.8	0.2	0.2	0.2	0.2	0.3	0.46	0.46
		1996	4	0.20	0.20	0.21	0.005	0.003	2.5	0.2	0.2	0.2	0.2	0.205	0.21	0.21
	Upper Mobile Bay	1973	8	0.35	0.25	0.46	0.062	0.022	17.6	0.25	0.25	0.315	0.365	0.38	0.46	0.46
LA	Bayou Bienvenue	1979	1	0.86	0.86	0.86										
	Bayou Sauvage	1978	10	0.89	0.37	2.75	0.702	0.222	79.0	0.37	0.375	0.46	0.66	1	1.9	2.75
		1979	9	0.62	0.18	1.72	0.475	0.158	76.1	0.18	0.18	0.32	0.53	0.7	1.72	1.72
		1980	10	0.91	0.68	1.21	0.179	0.057	19.7	0.68	0.71	0.77	0.89	1	1.2	1.21
		1981	12	0.59	0.35	0.82	0.156	0.045	26.2	0.35	0.38	0.45	0.62	0.71	0.76	0.82
		1982	11	0.77	0.46	1.12	0.208	0.063	26.8	0.46	0.49	0.63	0.72	0.96	0.97	1.12
		1983	12	0.73	0.29	1.50	0.350	0.101	48.0	0.29	0.39	0.465	0.65	0.935	1.14	1.5
		1984	12	0.52	0.20	1.00	0.200	0.058	38.8	0.2	0.37	0.38	0.495	0.595	0.68	1
		1985	12	0.54	0.24	0.92	0.169	0.049	31.5	0.24	0.4	0.44	0.515	0.62	0.66	0.92
		1986	12	0.84	0.38	1.52	0.312	0.090	37.0	0.38	0.59	0.7	0.775	0.895	1.35	1.52
		1987	5	1.30	0.66	2.54	0.734	0.328	56.3	0.66	0.66	0.97	0.99	1.36	2.54	2.54
		1988	10	0.92	0.60	1.58	0.312	0.099	34.1	0.6	0.605	0.61	0.865	1.15	1.375	1.58
		1989	12	0.94	0.55	1.89	0.367	0.106	39.2	0.55	0.57	0.685	0.86	1.085	1.18	1.89
		1990	11	0.79	0.49	0.92	0.142	0.043	18.0	0.49	0.59	0.71	0.87	0.89	0.89	0.92
		1991	6	0.66	0.47	0.86	0.133	0.054	20.2	0.47	0.47	0.57	0.66	0.72	0.86	0.86
		1992	8	0.68	0.36	1.29	0.306	0.108	45.2	0.36	0.36	0.445	0.595	0.845	1.29	1.29
		1993	12	0.57	0.21	1.52	0.337	0.097	58.7	0.21	0.36	0.395	0.485	0.585	0.86	1.52
		1994	12	0.54	0.37	0.70	0.118	0.034	21.9	0.37	0.39	0.43	0.59	0.64	0.66	0.7
		1995	11	0.73	0.36	2.28	0.548	0.165	75.2	0.36	0.39	0.41	0.58	0.77	0.99	2.28
		1996	14	0.85	0.15	5.57	1.374	0.367	162.6	0.15	0.18	0.31	0.525	0.68	0.86	5.57
		1997	6	0.53	0.33	0.81	0.177	0.072	33.4	0.33	0.33	0.44	0.465	0.68	0.81	0.81
	Chandeleur Sound	1976	9	0.49	0.21	0.97	0.209	0.070	42.9	0.21	0.21	0.41	0.45	0.5	0.97	0.97
	Eloi Bay	1975	1	0.61	0.61	0.61										
		1976	2	1.45	1.20	1.70	0.354	0.250	24.4	1.2	1.2	1.2	1.45	1.7	1.7	1.7
Inner Harbor Navigation Canal		1975	1	0.74	0.74	0.74										
		1976	3	0.62	0.57	0.65	0.044	0.025	7.0	0.57	0.57	0.57	0.64	0.65	0.65	0.65
		1979	2	0.70	0.53	0.86	0.233	0.165	33.6	0.53	0.53	0.53	0.695	0.86	0.86	0.86
		1996	2	0.50	0.48	0.51	0.021	0.015	4.3	0.48	0.48	0.48	0.495	0.51	0.51	0.51
Intracoastal Waterway		1974	3	0.62	0.57	0.66	0.047	0.027	7.6	0.57	0.57	0.57	0.64	0.66	0.66	0.66
		1979	1	0.72	0.72	0.72										
	Lake Fortuna	1994	1	0.39	0.39	0.39										
		1976	1	0.54	0.54	0.54										
MONTE SANO BAYOU TO HEAD OF PASSES		1973	3	0.87	0.57	1.30	0.380	0.220	43.5	0.57	0.57	0.57	0.75	1.3	1.3	1.3
		1974	9	0.86	0.39	1.90	0.494	0.165	57.3	0.39	0.39	0.51	0.65	1.1	1.9	1.9
		1975	17	0.70	0.46	1.40	0.247	0.060	35.1	0.46	0.48	0.54	0.6	0.88	0.97	1.4
		1976	33	0.77	0.35	2.30	0.363	0.063	47.3	0.44	0.51	0.61	0.68	0.79	1	1.6
		1977	16	0.74	0.30	2.10	0.395	0.099	53.1	0.3	0.47	0.545	0.675	0.805	0.89	2.1
		1978	32	0.76	0.20	2.50	0.368	0.065	48.4	0.46	0.5	0.58	0.715	0.815	0.94	1.2
		1979	31	0.78	0.01	2.30	0.380	0.068	48.6	0.32	0.55	0.56	0.74	0.93	1.1	1.2

Attachment E: Total Kjeldahl Nitrogen as N
Summary by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	MONTE SANO BAYOU TO HEAD OF PASSES	1980	30	1.21	0.46	2.60	0.463	0.085	38.3	0.53	0.725	1	1.1	1.4	1.5	2.6
		1981	30	1.21	0.44	2.00	0.350	0.064	29.1	0.54	0.76	0.97	1.2	1.5	1.6	1.6
		1982	14	0.69	0.40	0.90	0.166	0.044	24.2	0.4	0.4	0.6	0.725	0.8	0.9	0.9
		1983	20	0.67	0.30	1.10	0.260	0.058	38.8	0.3	0.35	0.4	0.7	0.8	1.05	1.1
		1984	18	0.83	0.40	1.20	0.303	0.071	36.4	0.4	0.4	0.7	0.8	1.1	1.2	1.2
		1985	20	0.87	0.40	1.60	0.416	0.093	47.8	0.4	0.4	0.5	0.85	1.1	1.55	1.6
		1986	19	0.96	0.50	1.70	0.379	0.087	39.6	0.5	0.5	0.68	0.8	1.2	1.7	1.7
		1987	28	0.79	0.30	1.20	0.257	0.049	32.6	0.32	0.5	0.53	0.85	0.98	1.1	1.2
		1988	31	0.63	0.10	1.90	0.374	0.067	59.5	0.1	0.1	0.4	0.6	0.83	0.9	1.2
		1989	12	0.65	0.40	1.00	0.198	0.057	30.4	0.4	0.4	0.5	0.65	0.7	1	1
		1990	12	0.85	0.60	1.20	0.207	0.060	24.3	0.6	0.6	0.7	0.8	1	1.2	1.2
		1991	19	0.77	0.50	1.10	0.208	0.048	27.1	0.5	0.5	0.6	0.8	0.9	1.1	1.1
		1992	17	0.59	0.50	0.70	0.078	0.019	13.3	0.5	0.5	0.5	0.6	0.6	0.7	0.7
		1993	26	0.50	0.30	0.70	0.140	0.027	27.8	0.3	0.3	0.4	0.5	0.6	0.7	0.7
		1994	34	0.45	0.30	0.60	0.094	0.016	20.9	0.3	0.3	0.4	0.41	0.5	0.6	0.6
		1995	13	0.58	0.30	0.92	0.249	0.069	43.0	0.3	0.3	0.35	0.6	0.8	0.9	0.92
		1996	4	0.72	0.45	1.10	0.274	0.137	38.4	0.45	0.45	0.55	0.655	0.88	1.1	1.1
		1997	7	0.41	0.10	0.76	0.223	0.084	54.7	0.1	0.1	0.24	0.38	0.59	0.76	0.76
		1998	5	0.61	0.23	1.10	0.337	0.150	55.2	0.23	0.23	0.37	0.64	0.71	1.1	1.1
		1999	6	0.47	0.32	0.65	0.108	0.044	22.9	0.32	0.32	0.42	0.47	0.5	0.65	0.65
	Mississippi River Gulf Outlet	1979	2	0.79	0.78	0.80	0.014	0.010	1.8	0.78	0.78	0.78	0.79	0.8	0.8	0.8
	Mississippi River Passes	1976	5	0.76	0.58	0.93	0.161	0.072	21.2	0.58	0.58	0.61	0.78	0.9	0.93	0.93
	New Orleans East leveed waterbodies	1976	4	1.32	0.57	2.10	0.646	0.323	49.0	0.57	0.57	0.835	1.3	1.8	2.1	2.1
	The Rigolets	1996	2	0.52	0.46	0.58	0.085	0.060	16.3	0.46	0.46	0.46	0.52	0.58	0.58	0.58
	Tiger, Red, Grand, and Tante Phine Passes	1977	4	0.85	0.69	1.00	0.176	0.088	20.8	0.69	0.69	0.695	0.85	1	1	1
	West Pearl River	1995	2	0.60	0.53	0.67	0.099	0.070	16.5	0.53	0.53	0.53	0.6	0.67	0.67	0.67
MS	Back Bay of Biloxi	1972	18	0.40	0.26	0.52	0.071	0.017	18.0	0.26	0.29	0.34	0.405	0.46	0.48	0.52
		1974	4	0.56	0.32	0.74	0.176	0.088	31.6	0.32	0.32	0.435	0.58	0.675	0.74	0.74
		1975	17	1.84	0.47	5.30	1.676	0.406	91.2	0.47	0.47	0.59	1.1	3.1	4.5	5.3
		1977	34	0.87	0.53	1.10	0.136	0.023	15.6	0.63	0.7	0.8	0.855	0.97	1.1	1.1
		1990	6	1.47	0.72	2.63	0.721	0.294	49.1	0.72	0.72	0.94	1.36	1.8	2.63	2.63
		1997	13	0.60	0.10	1.54	0.452	0.125	75.0	0.1	0.18	0.23	0.32	0.9	1	1.54
		1998	24	0.71	0.13	2.51	0.503	0.103	71.2	0.18	0.23	0.43	0.635	0.835	1.05	1.64
		2000	6	1.17	0.65	1.71	0.463	0.189	39.7	0.65	0.65	0.82	1.07	1.68	1.71	1.71
		2001	11	1.02	0.57	1.54	0.283	0.085	27.7	0.57	0.69	0.82	1.02	1.22	1.27	1.54
		2002	2	1.18	0.89	1.47	0.410	0.290	34.8	0.89	0.89	0.89	1.18	1.47	1.47	1.47
	Bayou Costapia - Tchoutacabouffa River	1993	7	0.52	0.22	0.75	0.180	0.068	35.0	0.22	0.22	0.36	0.59	0.62	0.75	0.75
	1994	7	0.40	0.25	0.66	0.145	0.055	36.0	0.25	0.25	0.27	0.41	0.48	0.66	0.66	
	1995	2	0.38	0.25	0.51	0.184	0.130	48.4	0.25	0.25	0.38	0.51	0.51	0.51	0.51	

Attachment E: Total Kjeldahl Nitrogen as N
Summary by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Bayou Costapia - Tchoutacabouffa River	1997	12	0.32	0.11	0.63	0.141	0.041	43.8	0.11	0.17	0.23	0.315	0.4	0.47	0.63
		1998	11	0.42	0.13	0.82	0.245	0.074	58.6	0.13	0.17	0.2	0.45	0.63	0.78	0.82
Bayou Cumbest	1972	29	4.42	0.70	9.45	2.524	0.469	57.1	0.84	0.84	2.15	4.4	6.3	8.15	8.4	
	1978	13	1.33	0.50	2.70	0.644	0.179	48.5	0.5	0.6	0.78	1.5	1.7	1.8	2.7	
Bayou LaTerre	1998	2	0.45	0.28	0.62	0.240	0.170	53.4	0.28	0.28	0.28	0.45	0.62	0.62	0.62	0.62
	1974	8	1.91	1.50	2.60	0.449	0.159	23.5	1.5	1.5	1.6	1.7	2.3	2.6	2.6	
	1975	30	3.09	0.78	7.80	1.941	0.354	62.9	0.83	0.91	1.5	2.75	4.5	5.65	7.3	
	1997	17	0.70	0.16	1.51	0.409	0.099	58.4	0.16	0.23	0.38	0.6	0.97	1.51	1.51	
	1998	31	0.52	0.12	1.02	0.280	0.050	53.5	0.12	0.16	0.26	0.54	0.71	0.98	1.01	
	1999	7	0.35	0.12	0.67	0.216	0.081	60.9	0.12	0.12	0.24	0.26	0.65	0.67	0.67	
	2000	10	0.36	0.16	0.56	0.142	0.045	39.9	0.16	0.16	0.21	0.37	0.46	0.54	0.56	
	2001	11	1.15	0.45	2.42	0.630	0.190	54.9	0.45	0.57	0.64	0.9	1.83	1.84	2.42	
	2002	4	1.17	0.22	2.79	1.121	0.560	96.2	0.22	0.22	0.5	0.825	1.83	2.79	2.79	
Bayou Talla - Jourdan River	1974	2	1.25	1.10	1.40	0.212	0.150	17.0	1.1	1.1	1.1	1.25	1.4	1.4	1.4	
	1975	5	0.70	0.08	1.02	0.364	0.163	52.2	0.08	0.08	0.73	0.76	0.9	1.02	1.02	
	1976	12	1.14	0.59	1.82	0.370	0.107	32.3	0.59	0.73	0.84	1.135	1.37	1.63	1.82	
	1977	12	0.72	0.39	1.27	0.253	0.073	35.1	0.39	0.46	0.525	0.69	0.88	0.98	1.27	
	1978	13	0.87	0.60	1.23	0.187	0.052	21.6	0.6	0.67	0.7	0.84	1	1.1	1.23	
	1979	11	0.67	0.34	1.00	0.198	0.060	29.4	0.34	0.4	0.6	0.67	0.8	0.9	1	
	1980	12	0.74	0.30	1.50	0.297	0.086	40.0	0.3	0.5	0.58	0.7	0.875	0.9	1.5	
	1981	12	0.84	0.60	1.30	0.239	0.069	28.4	0.6	0.6	0.7	0.8	0.9	1.3	1.3	
	1982	7	0.88	0.60	1.30	0.271	0.102	30.7	0.6	0.6	0.6	0.9	1.1	1.3	1.3	
	1983	6	0.62	0.34	0.90	0.208	0.085	33.8	0.34	0.34	0.45	0.615	0.78	0.9	0.9	
	1984	6	1.03	0.34	2.80	0.935	0.382	90.6	0.34	0.34	0.4	0.725	1.2	2.8	2.8	
	1985	5	0.77	0.56	1.00	0.187	0.084	24.5	0.56	0.56	0.6	0.78	0.89	1	1	
	1986	6	1.70	0.11	7.80	2.998	1.224	176.5	0.11	0.11	0.36	0.56	0.8	7.8	7.8	
	1987	6	1.20	0.40	3.01	0.958	0.391	80.1	0.4	0.4	0.6	0.86	1.45	3.01	3.01	
	1988	6	0.87	0.70	1.20	0.197	0.080	22.7	0.7	0.7	0.7	0.8	1	1.2	1.2	
	1989	1	0.60	0.60	0.60											
	1990	6	1.19	0.57	1.71	0.506	0.207	42.6	0.57	0.57	0.64	1.255	1.7	1.71	1.71	
	1991	6	0.91	0.31	1.51	0.452	0.185	49.6	0.31	0.31	0.61	0.84	1.36	1.51	1.51	
	1992	6	0.84	0.37	2.52	0.835	0.341	100.0	0.37	0.37	0.44	0.47	0.74	2.52	2.52	
	1993	6	0.82	0.49	1.14	0.247	0.101	30.4	0.49	0.49	0.65	0.79	1.03	1.14	1.14	
	1994	5	0.53	0.39	0.76	0.165	0.074	31.2	0.39	0.39	0.41	0.44	0.65	0.76	0.76	
	1995	6	0.63	0.15	1.05	0.314	0.128	49.7	0.15	0.15	0.5	0.63	0.83	1.05	1.05	
	1996	6	1.59	0.41	5.60	2.050	0.837	129.2	0.41	0.41	0.44	0.565	1.94	5.6	5.6	
	1997	11	0.58	0.15	1.04	0.265	0.080	46.1	0.15	0.26	0.37	0.59	0.65	0.95	1.04	
	1998	14	0.48	0.26	0.77	0.164	0.044	34.1	0.26	0.26	0.36	0.465	0.56	0.75	0.77	
Big Swamp - Pascagoula River	1978	2	1.15	1.00	1.30	0.212	0.150	18.4	1	1	1	1.15	1.3	1.3	1.3	
	1997	4	0.62	0.45	0.76	0.145	0.072	23.5	0.45	0.45	0.495	0.625	0.735	0.76	0.76	
Black Creek Swamp - Pascagoula River	1972	6	0.27	0.12	0.42	0.104	0.042	38.6	0.12	0.12	0.2	0.275	0.32	0.42	0.42	
Catahoula Creek	1998	2	0.52	0.45	0.58	0.092	0.065	17.8	0.45	0.45	0.45	0.515	0.58	0.58	0.58	

Attachment E: Total Kjeldahl Nitrogen as N
Summary by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Crane Creek	1998	2	0.48	0.45	0.50	0.035	0.025	7.4	0.45	0.45	0.45	0.475	0.5	0.5	0.5
	Cunningham Branch - Escatawpa River	1972	22	0.39	0.15	1.35	0.253	0.054	65.1	0.18	0.19	0.2	0.345	0.47	0.55	0.63
	Cutoff Bayou - Jourdan River	1972	6	0.26	0.15	0.33	0.061	0.025	23.6	0.15	0.15	0.25	0.265	0.3	0.33	0.33
		1974	13	2.71	1.20	6.90	1.675	0.465	61.9	1.2	1.2	1.5	1.9	3.8	4.4	6.9
		1977	32	0.59	0.39	0.92	0.129	0.023	21.8	0.39	0.45	0.49	0.585	0.69	0.72	0.84
		1998	17	0.75	0.29	1.71	0.374	0.091	49.9	0.29	0.34	0.46	0.67	0.9	1.31	1.71
	East Mississippi Sound	1972	41	0.27	0.10	1.05	0.192	0.030	71.9	0.11	0.12	0.17	0.2	0.3	0.4	0.45
		1997	8	1.63	0.66	4.13	1.093	0.386	66.9	0.66	0.66	0.88	1.59	1.665	4.13	4.13
		1998	15	0.46	0.17	0.75	0.176	0.045	38.0	0.17	0.19	0.31	0.51	0.59	0.69	0.75
		1999	24	0.97	0.13	4.64	0.993	0.203	102.6	0.2	0.23	0.34	0.62	1.17	1.91	2.39
		2000	15	0.44	0.15	0.68	0.159	0.041	35.7	0.15	0.18	0.36	0.42	0.62	0.62	0.68
		2001	21	0.80	0.20	2.26	0.535	0.117	67.2	0.24	0.26	0.38	0.68	1.09	1.35	1.69
		2002	8	0.92	0.68	1.38	0.256	0.091	27.8	0.68	0.68	0.715	0.85	1.09	1.38	1.38
	Flat Branch - Bayou Bernard	1974	3	2.07	1.10	4.00	1.674	0.967	81.0	1.1	1.1	1.1	1.1	4	4	4
		1976	22	1.76	0.44	3.70	1.113	0.237	63.4	0.49	0.51	0.66	2.05	2.7	3.2	3.2
	Flat Branch - Turkey Creek	1972	48	0.71	0.32	1.94	0.287	0.041	40.2	0.36	0.43	0.5	0.7	0.86	1	1.13
		1974	36	1.26	0.03	4.20	0.836	0.139	66.6	0.53	0.57	0.69	1	1.6	2.3	3.2
		1977	8	0.81	0.64	1.10	0.146	0.052	18.1	0.64	0.64	0.705	0.795	0.86	1.1	1.1
		1991	12	0.73	0.05	1.59	0.466	0.135	63.9	0.05	0.2	0.335	0.725	1	1.33	1.59
		1992	12	1.07	0.45	2.16	0.507	0.146	47.5	0.45	0.58	0.69	0.93	1.35	1.73	2.16
		1996	1	0.35	0.35	0.35				0.35	0.35	0.35	0.35	0.35	0.35	0.35
		1997	27	1.08	0.34	2.91	0.558	0.107	51.8	0.37	0.38	0.74	1.03	1.34	1.75	1.96
		1998	40	0.78	0.11	2.72	0.473	0.075	60.4	0.265	0.285	0.48	0.71	0.955	1.315	1.575
	Fourmile Branch - Moungers Creek	1997	2	0.39	0.35	0.43	0.057	0.040	14.5	0.35	0.35	0.35	0.39	0.43	0.43	0.43
	Lower Bayou la Croix	1977	4	0.54	0.41	0.69	0.115	0.058	21.3	0.41	0.41	0.465	0.535	0.62	0.69	0.69
		1998	2	0.67	0.58	0.76	0.127	0.090	19.0	0.58	0.58	0.58	0.67	0.76	0.76	0.76
	Mulatto Bayou - Pearl River	1991	6	0.62	0.25	1.04	0.259	0.106	42.1	0.25	0.25	0.51	0.59	0.71	1.04	1.04
		1992	6	0.51	0.06	1.07	0.325	0.133	64.0	0.06	0.06	0.44	0.46	0.56	1.07	1.07
		1993	5	0.88	0.43	1.65	0.478	0.214	54.1	0.43	0.43	0.54	0.86	0.94	1.65	1.65
		1994	6	0.61	0.15	1.36	0.401	0.164	65.6	0.15	0.15	0.46	0.55	0.6	1.36	1.36
		1995	6	0.66	0.59	0.76	0.068	0.028	10.3	0.59	0.59	0.61	0.64	0.73	0.76	0.76
		1996	6	1.27	0.49	3.56	1.153	0.471	90.9	0.49	0.49	0.57	0.925	1.14	3.56	3.56
		1997	11	0.62	0.18	1.05	0.281	0.085	45.6	0.18	0.36	0.36	0.61	0.88	1.04	1.05
		1998	12	0.50	0.22	0.76	0.156	0.045	31.4	0.22	0.29	0.41	0.495	0.625	0.65	0.76
	Old Fort Bayou	1977	2	0.28	0.24	0.32	0.057	0.040	20.2	0.24	0.24	0.24	0.28	0.32	0.32	0.32
		1997	1	0.24	0.24	0.24										

Attachment E: Total Kjeldahl Nitrogen as N
Summary by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Old Fort Bayou - Biloxi Bay	1972	14	0.34	0.18	0.45	0.066	0.018	19.4	0.18	0.28	0.31	0.35	0.38	0.43	0.45
		1974	4	0.53	0.48	0.62	0.063	0.031	11.9	0.48	0.48	0.49	0.505	0.565	0.62	0.62
		1975	5	0.69	0.52	0.95	0.180	0.080	26.1	0.52	0.52	0.57	0.61	0.8	0.95	0.95
		1977	14	0.58	0.23	1.10	0.257	0.069	44.6	0.23	0.3	0.39	0.5	0.8	0.86	1.1
		1997	8	1.12	0.25	2.47	0.708	0.250	63.4	0.25	0.25	0.655	0.935	1.515	2.47	2.47
		1998	14	0.70	0.10	1.20	0.323	0.086	45.9	0.1	0.22	0.46	0.74	0.83	1.15	1.2
		1999	23	0.65	0.22	1.50	0.310	0.065	47.9	0.31	0.32	0.44	0.61	0.78	0.91	1.35
		2000	24	0.59	0.11	1.45	0.333	0.068	56.7	0.16	0.17	0.335	0.51	0.85	0.98	1.06
		2001	23	0.86	0.28	1.76	0.431	0.090	50.2	0.33	0.35	0.53	0.83	1.01	1.63	1.73
		2002	8	1.15	0.82	1.84	0.377	0.133	32.6	0.82	0.82	0.885	1.02	1.38	1.84	1.84
MS	Paige Bayou - Mounkers Creek	1997	1	0.16	0.16	0.16										
MS	Parker Creek - Tchoutacabouffa River	1975	18	0.42	0.25	0.60	0.084	0.020	20.3	0.25	0.32	0.36	0.415	0.46	0.55	0.6
		1993	7	0.60	0.33	1.11	0.274	0.103	45.3	0.33	0.33	0.37	0.48	0.75	1.11	1.11
MS	Polar Branch - Wolf River	1976	17	0.41	0.33	0.57	0.066	0.016	16.1	0.33	0.33	0.37	0.38	0.47	0.48	0.57
		1978	23	0.48	0.14	1.30	0.327	0.068	67.8	0.2	0.21	0.25	0.43	0.56	1.2	1.2
		1979	21	0.31	0.17	0.46	0.090	0.020	29.4	0.18	0.22	0.24	0.28	0.41	0.43	0.46
		1980	22	0.36	0.10	0.93	0.229	0.049	63.6	0.1	0.13	0.22	0.28	0.44	0.63	0.93
		1981	11	0.47	0.12	1.20	0.319	0.096	68.2	0.12	0.12	0.19	0.49	0.66	0.66	1.2
		1982	12	0.22	0.05	0.31	0.110	0.032	50.1	0.05	0.05	0.1	0.275	0.31	0.31	0.31
		1983	8	0.29	0.05	0.50	0.171	0.060	59.3	0.05	0.05	0.175	0.3	0.4	0.5	0.5
		1984	8	0.55	0.20	0.90	0.288	0.102	52.3	0.2	0.2	0.3	0.55	0.8	0.9	0.9
		1985	8	0.35	0.20	0.50	0.120	0.042	34.1	0.2	0.2	0.25	0.35	0.45	0.5	0.5
		1986	6	0.37	0.30	0.40	0.052	0.021	14.1	0.3	0.3	0.3	0.4	0.4	0.4	0.4
MS	Rotten Bayou	1998	2	0.50	0.46	0.53	0.049	0.035	10.0	0.46	0.46	0.46	0.495	0.53	0.53	0.53
MS	UNKNOWN TRIBUTARY	1972	24	0.24	0.16	0.33	0.037	0.008	15.3	0.17	0.2	0.22	0.245	0.27	0.27	0.3
		1974	6	0.86	0.35	1.90	0.634	0.259	73.6	0.35	0.35	0.46	0.53	1.4	1.9	1.9
		1975	10	0.59	0.14	1.21	0.343	0.108	58.0	0.14	0.24	0.37	0.47	0.69	1.165	1.21
		1976	12	1.02	0.44	2.02	0.408	0.118	39.8	0.44	0.68	0.77	0.94	1.135	1.45	2.02
		1977	21	0.67	0.27	1.55	0.367	0.080	54.5	0.33	0.36	0.4	0.54	0.9	1.21	1.28
		1978	11	0.84	0.40	1.40	0.312	0.094	37.1	0.4	0.5	0.7	0.8	1.12	1.3	1.4
		1979	11	0.82	0.40	1.30	0.299	0.090	36.3	0.4	0.5	0.6	0.78	1.2	1.2	1.3
		1980	12	0.82	0.40	1.60	0.324	0.094	39.8	0.4	0.6	0.6	0.7	0.95	1.2	1.6
		1981	12	0.81	0.40	1.30	0.281	0.081	34.8	0.4	0.4	0.7	0.75	1	1.2	1.3
		1982	7	0.69	0.10	1.50	0.465	0.176	67.3	0.1	0.1	0.34	0.7	0.9	1.5	1.5
		1983	6	0.56	0.20	0.90	0.252	0.103	45.3	0.2	0.2	0.34	0.615	0.67	0.9	0.9
		1984	6	0.78	0.56	1.00	0.166	0.068	21.3	0.56	0.56	0.62	0.8	0.9	1	1
		1985	5	0.63	0.11	1.00	0.332	0.148	52.6	0.11	0.11	0.56	0.7	0.78	1	1
		1986	6	0.63	0.10	1.90	0.675	0.276	107.1	0.1	0.1	0.1	0.44	0.8	1.9	1.9
		1987	6	2.58	0.20	12.10	4.696	1.917	182.0	0.2	0.2	0.26	0.615	1.69	12.1	12.1
		1990	3	0.95	0.44	1.21	0.442	0.255	46.5	0.44	0.44	0.44	1.2	1.21	1.21	1.21
		1991	2	0.68	0.52	0.84	0.226	0.160	33.3	0.52	0.52	0.52	0.68	0.84	0.84	0.84
		1992	6	0.51	0.21	0.76	0.228	0.093	45.1	0.21	0.21	0.34	0.51	0.71	0.76	0.76
		1993	6	0.74	0.25	1.29	0.348	0.142	47.3	0.25	0.25	0.51	0.775	0.81	1.29	1.29

Attachment E: Total Kjeldahl Nitrogen as N
Summary by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	UNKNOWN TRIBUTARY	1997	9	0.77	0.21	1.51	0.551	0.184	71.3	0.21	0.21	0.26	0.54	1.27	1.51	1.51
		1998	10	0.55	0.19	0.94	0.234	0.074	42.9	0.19	0.225	0.38	0.555	0.69	0.865	0.94
	West Mississippi Sound	1972	17	0.21	0.06	0.43	0.091	0.022	43.7	0.06	0.1	0.15	0.2	0.27	0.31	0.43
		1997	61	0.89	0.10	3.59	0.642	0.082	72.1	0.16	0.23	0.4	0.78	1.25	1.56	1.75
		1998	117	0.71	0.06	2.72	0.471	0.044	66.7	0.18	0.25	0.38	0.6	0.86	1.35	1.64
		1999	137	0.62	0.10	4.03	0.547	0.047	87.9	0.14	0.17	0.28	0.47	0.75	1.31	1.55
		2000	131	0.57	0.10	1.94	0.346	0.030	60.7	0.16	0.23	0.33	0.48	0.76	1.05	1.18
		2001	144	0.89	0.15	4.50	0.532	0.044	59.8	0.29	0.35	0.535	0.8	1.14	1.42	1.62
		2002	51	1.09	0.10	4.72	0.607	0.085	55.6	0.67	0.68	0.82	0.98	1.27	1.43	1.57
	West Pascagoula River - East Pascagoula River	1972	59	0.29	0.12	0.55	0.081	0.011	27.5	0.18	0.2	0.23	0.3	0.32	0.41	0.48
		1974	4	0.41	0.24	0.58	0.142	0.071	34.8	0.24	0.24	0.305	0.405	0.51	0.58	0.58
		1975	10	0.62	0.29	0.92	0.200	0.063	32.4	0.285	0.3075	0.52	0.635	0.76	0.865	0.92
		1976	18	0.86	0.33	2.57	0.559	0.132	64.8	0.33	0.41	0.56	0.675	1	1.9	2.57
		1977	21	0.83	0.34	2.50	0.454	0.099	54.6	0.4	0.47	0.6	0.73	0.87	1.2	1.3
		1978	15	0.95	0.45	2.00	0.423	0.109	44.6	0.45	0.45	0.67	0.8	1.1	1.5	2
		1979	16	0.95	0.60	1.60	0.291	0.073	30.7	0.6	0.6	0.78	0.9	1.1	1.4	1.6
		1980	16	0.58	0.30	1.00	0.225	0.056	38.9	0.3	0.33	0.4	0.5	0.8	0.9	1
		1981	16	0.81	0.22	2.30	0.492	0.123	60.4	0.22	0.3	0.515	0.78	1	1.2	2.3
		1982	11	0.81	0.30	1.60	0.348	0.105	42.8	0.3	0.45	0.6	0.8	1	1.1	1.6
		1983	10	0.58	0.20	1.45	0.413	0.131	71.8	0.2	0.2	0.2	0.45	0.8	1.225	1.45
		1984	10	0.59	0.40	1.10	0.223	0.071	37.9	0.4	0.4	0.4	0.53	0.67	0.95	1.1
		1985	2	0.55	0.40	0.70	0.212	0.150	38.6	0.4	0.4	0.4	0.55	0.7	0.7	0.7
		1986	4	0.65	0.40	0.80	0.191	0.096	29.5	0.4	0.4	0.5	0.7	0.8	0.8	0.8
		1987	6	1.52	0.30	4.60	1.706	0.696	112.5	0.3	0.3	0.75	2.4	4.6	4.6	4.6
		1988	4	0.60	0.40	1.00	0.271	0.135	45.1	0.4	0.4	0.45	0.5	0.75	1	1
		1989	4	0.63	0.50	0.70	0.096	0.048	15.3	0.5	0.5	0.55	0.65	0.7	0.7	0.7
		1990	4	0.58	0.40	0.90	0.222	0.111	38.6	0.4	0.4	0.45	0.5	0.7	0.9	0.9
		1991	4	0.63	0.48	0.76	0.114	0.057	18.3	0.48	0.48	0.555	0.63	0.695	0.76	0.76
		1992	5	0.71	0.10	1.30	0.425	0.190	60.0	0.1	0.1	0.7	0.7	0.74	1.3	1.3
		1993	4	0.50	0.39	0.66	0.115	0.057	23.1	0.39	0.39	0.43	0.47	0.565	0.66	0.66
		1994	4	0.50	0.46	0.54	0.041	0.021	8.3	0.46	0.46	0.46	0.49	0.53	0.54	0.54
		1995	4	0.48	0.42	0.50	0.040	0.020	8.3	0.42	0.42	0.46	0.5	0.5	0.5	0.5
		1996	4	0.26	0.10	0.48	0.160	0.080	62.2	0.1	0.1	0.155	0.225	0.36	0.48	0.48
		1997	4	0.44	0.31	0.56	0.103	0.051	23.2	0.31	0.31	0.375	0.45	0.51	0.56	0.56
	White Cypress Creek - Hickory Creek	1998	2	0.54	0.52	0.56	0.028	0.020	5.2	0.52	0.52	0.54	0.56	0.56	0.56	0.56

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Big Chippewa Lake	1990	1	0.060	0.06	0.06	0.0242	0.0099	31.6	0.04	0.04	0.06	0.08	0.1	0.1	0.1
		1991	6	0.077	0.04	0.1										
	Grand Bay	1973	24	0.088	0.045	0.3	0.0533	0.0109	60.4	0.05	0.05	0.06	0.07	0.095	0.145	0.15
		1990	4	0.055	0.05	0.06	0.0058	0.0029	10.5	0.05	0.05	0.05	0.055	0.06	0.06	0.06
	Lower Chasaw Creek	1973	25	0.157	0.04	0.95	0.2062	0.0412	131.0	0.05	0.06	0.06	0.085	0.11	0.5	0.5
		1990	16	0.040	0.03	0.05	0.0073	0.0018	18.3	0.03	0.03	0.035	0.04	0.045	0.05	0.05
	Lower Fish River	1990	3	0.027	0.01	0.04	0.0153	0.0088	57.3	0.01	0.01	0.01	0.03	0.04	0.04	0.04
		1991	11	0.104	0.03	0.51	0.1383	0.0417	133.4	0.03	0.03	0.04	0.06	0.1	0.13	0.51
		1992	7	0.043	0.02	0.09	0.0243	0.0092	56.7	0.02	0.02	0.02	0.04	0.05	0.09	0.09
		1993	2	0.060	0.04	0.08	0.0283	0.0200	47.1	0.04	0.04	0.04	0.06	0.08	0.08	0.08
	Lower Mobile Bay	1990	3	0.034	0.022	0.048	0.0132	0.0076	39.2	0.022	0.022	0.022	0.031	0.048	0.048	0.048
		1991	11	0.096	0.009	0.506	0.1387	0.0418	145.0	0.009	0.029	0.03	0.06	0.087	0.09	0.506
		1992	4	0.036	0.019	0.07	0.0234	0.0117	64.6	0.019	0.0205	0.028	0.052	0.07	0.07	0.07
		1993	2	0.057	0.03	0.083	0.0375	0.0265	66.3	0.03	0.03	0.0565	0.083	0.083	0.083	0.083
	Mississippi Sound	1990	10	0.038	0.017	0.06	0.0134	0.0042	35.0	0.017	0.023	0.029	0.0355	0.049	0.058	0.06
		1991	9	0.096	0.024	0.506	0.1549	0.0516	161.3	0.024	0.024	0.033	0.037	0.064	0.506	0.506
		1992	6	0.032	0.012	0.052	0.0152	0.0062	47.3	0.012	0.024	0.029	0.047	0.052	0.052	0.052
		1993	2	0.053	0.04	0.065	0.0177	0.0125	33.7	0.04	0.04	0.04	0.0525	0.065	0.065	0.065
	Tensaw River-Apalachee River	1973	40	0.098	0.03	0.575	0.1019	0.0161	103.6	0.03	0.0325	0.0375	0.065	0.125	0.1875	0.29
		1990	4	0.080	0.04	0.12	0.0462	0.0231	57.7	0.04	0.04	0.04	0.08	0.12	0.12	0.12
	Three Mile Creek	1973	20	1.477	0.07	3.7	1.2696	0.2839	86.0	0.07	0.0775	0.245	1.725	2.05	3.55	3.65
	Upper Dog River	1973	4	0.298	0.13	0.55	0.1795	0.0898	60.3	0.13	0.13	0.18	0.255	0.415	0.55	0.55
	Upper Mobile Bay	1973	8	0.164	0.035	0.5	0.1794	0.0634	109.1	0.035	0.035	0.0375	0.065	0.2875	0.5	0.5
LA	Bay Boudreau	2001	11	0.113	0.08	0.18	0.0300	0.0091	26.6	0.08	0.09	0.09	0.11	0.13	0.15	0.18
	Bayou Bienvenue	1979	1	0.140	0.14	0.14				0.14	0.14	0.14	0.14	0.14	0.14	0.14
	Bayou La Loutre	1978	10	0.086	0.05	0.25	0.0597	0.0189	69.4	0.05	0.05	0.05	0.07	0.09	0.17	0.25
		1979	10	0.075	0.05	0.13	0.0284	0.0090	37.8	0.05	0.05	0.05	0.065	0.1	0.12	0.13
		1980	11	0.145	0.04	0.62	0.1728	0.0521	118.8	0.04	0.04	0.05	0.08	0.19	0.27	0.62
		1981	12	0.077	0.02	0.21	0.0630	0.0182	82.2	0.02	0.03	0.035	0.05	0.1	0.19	0.21
		1982	11	0.063	0.03	0.09	0.0195	0.0059	31.2	0.03	0.03	0.05	0.07	0.08	0.08	0.09
		1983	12	0.150	0.03	0.8	0.2104	0.0607	140.3	0.03	0.05	0.055	0.08	0.15	0.19	0.8
		1984	12	0.065	0.02	0.22	0.0516	0.0149	79.4	0.02	0.03	0.04	0.055	0.065	0.08	0.22
		1985	12	0.078	0.02	0.25	0.0600	0.0173	76.6	0.02	0.03	0.05	0.06	0.08	0.12	0.25
		1986	12	0.088	0.02	0.19	0.0457	0.0132	51.7	0.02	0.06	0.06	0.075	0.105	0.15	0.19
		1987	5	0.096	0.05	0.21	0.0654	0.0293	68.1	0.05	0.05	0.06	0.07	0.09	0.21	0.21
		1988	11	0.127	0.07	0.39	0.0995	0.0300	78.2	0.07	0.07	0.07	0.08	0.15	0.22	0.39
		1989	12	0.068	0.04	0.11	0.0241	0.0069	35.2	0.04	0.05	0.05	0.06	0.085	0.11	0.11
		1990	11	0.066	0.02	0.11	0.0280	0.0085	42.2	0.02	0.03	0.04	0.07	0.08	0.1	0.11
		1991	12	0.072	0.03	0.14	0.0420	0.0121	58.5	0.03	0.03	0.04	0.055	0.105	0.14	0.14
		1992	12	0.082	0.03	0.35	0.0860	0.0248	105.3	0.03	0.04	0.045	0.06	0.075	0.08	0.35
		1993	12	0.063	0.04	0.11	0.0172	0.0050	27.2	0.04	0.05	0.055	0.06	0.07	0.07	0.11
		1994	10	0.059	0.02	0.09	0.0228	0.0072	38.7	0.02	0.025	0.05	0.06	0.07	0.09	0.09
		1995	10	0.065	0.03	0.1	0.0246	0.0078	37.9	0.03	0.035	0.05	0.06	0.08	0.1	0.1
		1996	12	0.069	0.03	0.11	0.0235	0.0068	34.0	0.03	0.03	0.06	0.07	0.085	0.09	0.11
		1997	12	0.090	0.04	0.16	0.0328	0.0095	36.4	0.04	0.05	0.065	0.09	0.105	0.12	0.16

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	Bayou La Loutre	1998	5	0.120	0.07	0.27	0.0849	0.0379	70.7	0.07	0.07	0.07	0.09	0.1	0.27	0.27
		2001	63	0.287	0.07	0.91	0.2349	0.0296	81.7	0.08	0.09	0.11	0.15	0.51	0.64	0.72
	Bayou Sauvage	1975	11	0.061	0.03	0.18	0.0413	0.0125	67.9	0.03	0.04	0.04	0.05	0.07	0.07	0.18
		1978	10	0.086	0.05	0.25	0.0597	0.0189	69.4	0.05	0.05	0.05	0.07	0.09	0.17	0.25
		1979	64	0.072	0.02	0.23	0.0326	0.0041	45.1	0.03	0.04	0.05	0.07	0.09	0.11	0.13
		1980	23	0.110	0.02	0.62	0.1307	0.0272	118.8	0.04	0.04	0.04	0.06	0.11	0.25	0.27
		1981	13	0.072	0.02	0.21	0.0623	0.0173	86.2	0.02	0.02	0.03	0.05	0.05	0.19	0.21
		1982	11	0.063	0.03	0.09	0.0195	0.0059	31.2	0.03	0.03	0.05	0.07	0.08	0.08	0.09
		1983	12	0.150	0.03	0.8	0.2104	0.0607	140.3	0.03	0.05	0.055	0.08	0.15	0.19	0.8
		1984	12	0.065	0.02	0.22	0.0516	0.0149	79.4	0.02	0.03	0.04	0.055	0.065	0.08	0.22
		1985	12	0.078	0.02	0.25	0.0600	0.0173	76.6	0.02	0.03	0.05	0.06	0.08	0.12	0.25
		1986	12	0.088	0.02	0.19	0.0457	0.0132	51.7	0.02	0.06	0.06	0.075	0.105	0.15	0.19
		1987	5	0.096	0.05	0.21	0.0654	0.0293	68.1	0.05	0.05	0.06	0.07	0.09	0.21	0.21
		1988	10	0.133	0.07	0.39	0.1030	0.0326	77.4	0.07	0.07	0.07	0.08	0.15	0.305	0.39
		1989	12	0.068	0.04	0.11	0.0241	0.0069	35.2	0.04	0.05	0.05	0.06	0.085	0.11	0.11
		1990	10	0.070	0.02	0.11	0.0267	0.0084	38.1	0.02	0.03	0.06	0.075	0.08	0.105	0.11
		1991	6	0.103	0.06	0.14	0.0372	0.0152	36.0	0.06	0.06	0.07	0.105	0.14	0.14	0.14
		1992	8	0.094	0.04	0.35	0.1046	0.0370	111.6	0.04	0.04	0.045	0.06	0.075	0.35	0.35
		1993	12	0.063	0.04	0.11	0.0172	0.0050	27.2	0.04	0.05	0.055	0.06	0.07	0.07	0.11
		1994	10	0.059	0.02	0.09	0.0228	0.0072	38.7	0.02	0.025	0.05	0.06	0.07	0.09	0.09
		1995	10	0.065	0.03	0.1	0.0246	0.0078	37.9	0.03	0.035	0.05	0.06	0.08	0.1	0.1
		1996	14	0.063	0.01	0.11	0.0276	0.0074	43.9	0.01	0.03	0.04	0.065	0.08	0.09	0.11
		1997	6	0.070	0.04	0.11	0.0261	0.0106	37.3	0.04	0.04	0.05	0.065	0.09	0.11	0.11
	Bays Gardene, Black, American and Crabe	1978	12	0.129	0.07	0.33	0.0725	0.0209	56.2	0.07	0.07	0.075	0.12	0.14	0.18	0.33
		1979	9	0.067	0.03	0.1	0.0265	0.0088	39.7	0.03	0.03	0.05	0.06	0.09	0.1	0.1
		1980	12	0.128	0.05	0.26	0.0764	0.0221	59.9	0.05	0.06	0.06	0.1	0.185	0.24	0.26
		1981	1	0.040	0.04	0.04				0.04	0.04	0.04	0.04	0.04	0.04	0.04
		2001	23	0.113	0.05	0.3	0.0499	0.0104	44.3	0.07	0.07	0.08	0.11	0.12	0.15	0.17
California	Bay and Breton Sound	1978	37	0.260	0.03	0.55	0.1351	0.0222	52.0	0.12	0.14	0.16	0.21	0.35	0.5	0.5
		1979	35	0.206	0.05	0.53	0.1187	0.0201	57.6	0.06	0.07	0.09	0.2	0.27	0.35	0.47
		1980	43	0.170	0.05	0.37	0.0901	0.0137	53.2	0.06	0.06	0.08	0.16	0.24	0.29	0.3
		1981	47	0.220	0.04	0.65	0.1521	0.0222	69.3	0.06	0.06	0.1	0.18	0.3	0.46	0.52
		1982	44	0.263	0.05	0.83	0.1750	0.0264	66.5	0.06	0.07	0.115	0.245	0.37	0.48	0.58
		1983	47	0.255	0.04	1.32	0.2151	0.0314	84.4	0.05	0.06	0.1	0.21	0.38	0.44	0.48
		1984	48	0.184	0.02	0.44	0.1030	0.0149	55.9	0.04	0.06	0.095	0.175	0.25	0.33	0.39
		1985	46	0.653	0.06	21	3.0688	0.4525	470.1	0.08	0.08	0.1	0.185	0.25	0.39	0.47
		1986	48	0.292	0.07	2.6	0.3758	0.0542	128.7	0.08	0.09	0.125	0.195	0.32	0.57	0.63
		1987	24	0.226	0.07	0.93	0.1775	0.0362	78.6	0.08	0.08	0.11	0.215	0.25	0.41	0.43
		1988	39	0.225	0.09	0.88	0.1878	0.0301	83.5	0.09	0.1	0.12	0.16	0.29	0.5	0.88
		1989	48	0.165	0.08	0.38	0.0714	0.0103	43.2	0.08	0.09	0.11	0.145	0.21	0.26	0.27
		1990	48	0.198	0.05	0.7	0.1390	0.0201	70.4	0.07	0.07	0.105	0.15	0.24	0.39	0.44
		1991	42	0.165	0.05	0.36	0.0813	0.0126	49.2	0.07	0.07	0.09	0.14	0.23	0.28	0.31
		1992	40	0.170	0.04	0.45	0.0908	0.0144	53.3	0.06	0.065	0.1	0.155	0.225	0.29	0.315
		1993	34	0.145	0.05	0.32	0.0801	0.0137	55.2	0.05	0.06	0.07	0.135	0.21	0.27	0.28

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	California Bay and Breton Sound	1994	36	0.110	0.02	0.19	0.0459	0.0077	41.9	0.04	0.04	0.075	0.115	0.145	0.17	0.19
		1995	34	0.129	0.03	0.25	0.0616	0.0106	47.6	0.03	0.05	0.09	0.12	0.17	0.22	0.25
		1996	35	0.172	0.03	1.16	0.2046	0.0346	118.8	0.04	0.04	0.09	0.11	0.16	0.28	0.66
		1997	36	0.141	0.05	0.38	0.0660	0.0110	46.7	0.06	0.08	0.1	0.12	0.185	0.21	0.25
		1998	22	0.170	0.06	0.77	0.1481	0.0316	87.1	0.07	0.08	0.09	0.14	0.19	0.23	0.33
		1999	12	0.243	0.08	0.56	0.1269	0.0366	52.2	0.08	0.15	0.165	0.21	0.31	0.35	0.56
		2000	12	0.156	0.11	0.22	0.0326	0.0094	20.9	0.11	0.12	0.13	0.155	0.175	0.19	0.22
		2001	205	0.118	0.05	0.95	0.0763	0.0053	64.5	0.06	0.06	0.08	0.1	0.13	0.17	0.22
	Chandeleur Sound	2001	10	0.090	0.05	0.18	0.0377	0.0119	41.9	0.05	0.05	0.07	0.085	0.1	0.145	0.18
	Eloi Bay	1975	2	0.050	0.05	0.05	0	0	0.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05
LA	Inner Harbor Navigation Canal	1975	1	0.210	0.21	0.21										
		1976	2	0.260	0.21	0.31	0.0707	0.05	27.2	0.21	0.21	0.26	0.31	0.31	0.31	0.31
		1979	2	0.120	0.03	0.21	0.1273	0.09	106.1	0.03	0.03	0.12	0.21	0.21	0.21	0.21
		1996	2	0.025	0.01	0.04	0.0212	0.015	84.9	0.01	0.01	0.01	0.025	0.04	0.04	0.04
		2001	12	0.109	0.06	0.22	0.0454	0.0131	41.6	0.06	0.06	0.075	0.105	0.125	0.15	0.22
LA	Intracoastal Waterway	1974	14	0.077	0.06	0.11	0.0120	0.0032	15.6	0.06	0.07	0.07	0.075	0.08	0.09	0.11
		1975	34	0.253	0.05	2.7	0.4747	0.0814	187.5	0.05	0.06	0.07	0.085	0.24	0.62	0.9
		1976	17	0.110	0.04	0.49	0.1040	0.0252	94.5	0.04	0.05	0.06	0.07	0.11	0.17	0.49
		1977	12	0.145	0.07	0.44	0.1105	0.0319	76.2	0.07	0.08	0.085	0.09	0.175	0.26	0.44
		1978	12	0.078	0.04	0.13	0.0263	0.0076	34.0	0.04	0.04	0.06	0.085	0.09	0.1	0.13
		1979	11	0.070	0.007	0.3	0.0801	0.0242	114.9	0.007	0.01	0.03	0.05	0.07	0.09	0.3
		1980	11	0.092	0.05	0.21	0.0445	0.0134	48.4	0.05	0.06	0.07	0.08	0.1	0.13	0.21
		1981	4	0.088	0.05	0.12	0.0330	0.0165	37.8	0.05	0.05	0.06	0.09	0.115	0.12	0.12
		1982	4	0.090	0.06	0.13	0.0316	0.0158	35.1	0.06	0.06	0.065	0.085	0.115	0.13	0.13
		1983	4	0.078	0.07	0.09	0.0096	0.0048	12.4	0.07	0.07	0.075	0.085	0.09	0.09	0.09
		1984	3	0.090	0.08	0.1	0.01	0.0058	11.1	0.08	0.08	0.09	0.1	0.1	0.1	0.1
		1994	1	0.090	0.09	0.09										
		1968	14	0.002	0.0001	0.00387	0.0011	0.0003	51.6	0.0001	0.00012	0.0016	0.0021	0.0029	0.0034	0.0039
		1969	8	0.003	0.002	0.0035	0.0006	0.0002	21.7	0.002	0.002	0.0023	0.0028	0.0033	0.0035	0.0035
		1978	30	0.109	0.03	0.6	0.1097	0.0200	100.4	0.03	0.045	0.06	0.09	0.11	0.15	0.35
		1979	30	0.081	0.04	0.13	0.0220	0.0040	27.2	0.05	0.06	0.06	0.08	0.09	0.11	0.12
		1980	33	0.068	0.01	0.22	0.0390	0.0068	57.2	0.02	0.03	0.04	0.07	0.09	0.09	0.13
		1981	36	0.071	0.01	0.17	0.0380	0.0063	53.4	0.02	0.03	0.04	0.07	0.1	0.12	0.13
		1982	34	0.091	0.03	0.22	0.0373	0.0064	41.2	0.04	0.05	0.08	0.09	0.1	0.14	0.17
		1983	35	0.071	0.03	0.14	0.0276	0.0047	38.9	0.03	0.03	0.04	0.08	0.09	0.1	0.12
		1984	34	0.086	0.02	0.2	0.0489	0.0084	56.8	0.03	0.03	0.06	0.08	0.1	0.19	0.2
		1985	33	0.101	0.02	0.92	0.1497	0.0261	148.3	0.03	0.04	0.06	0.08	0.11	0.11	0.12
		1986	35	0.165	0.05	0.93	0.1880	0.0318	113.9	0.05	0.06	0.08	0.11	0.18	0.23	0.8
		1987	18	0.101	0.02	0.19	0.0471	0.0111	46.6	0.02	0.04	0.06	0.095	0.13	0.18	0.19
		1988	33	0.114	0.04	0.5	0.1045	0.0182	91.5	0.04	0.04	0.07	0.09	0.11	0.15	0.45
		1989	36	0.089	0.02	0.16	0.0300	0.0050	33.8	0.04	0.05	0.07	0.09	0.11	0.12	0.14
		1990	35	0.096	0.02	0.62	0.0990	0.0167	103.1	0.02	0.03	0.06	0.07	0.12	0.13	0.2
		1991	44	0.320	0.03	1.61	0.4161	0.0627	130.0	0.05	0.05	0.08	0.1	0.435	1.07	1.4
		1992	41	0.264	0.03	1.38	0.3274	0.0511	123.8	0.05	0.05	0.08	0.09	0.56	0.75	0.81

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	Lake Borgne	1993	42	0.257	0.03	0.84	0.2898	0.0447	112.9	0.04	0.04	0.06	0.1	0.57	0.74	0.82
		1994	42	0.284	0.02	1.32	0.3833	0.0591	135.0	0.03	0.04	0.05	0.09	0.43	0.85	1.25
		1995	35	0.354	0.03	1.75	0.4799	0.0811	135.7	0.04	0.04	0.07	0.09	0.6	1.23	1.32
		1996	42	0.422	0.03	4.18	0.7792	0.1202	184.5	0.04	0.06	0.07	0.105	0.37	1.01	1.04
		1997	40	0.304	0.05	0.96	0.3150	0.0498	103.8	0.05	0.07	0.1	0.12	0.635	0.825	0.865
		1998	30	0.231	0.05	0.98	0.2972	0.0543	128.8	0.06	0.065	0.07	0.09	0.13	0.83	0.94
		1999	24	0.108	0.06	0.17	0.0317	0.0065	29.3	0.07	0.07	0.08	0.105	0.13	0.15	0.17
		2000	23	0.111	0.05	0.25	0.0421	0.0088	37.9	0.06	0.07	0.08	0.1	0.13	0.16	0.16
		2001	196	0.337	0.05	3.01	0.4938	0.0353	146.4	0.05	0.06	0.08	0.12	0.425	0.82	1.12
	Lake Fortuna	1978	12	0.064	0.03	0.09	0.0193	0.0056	30.1	0.03	0.05	0.05	0.06	0.08	0.09	0.09
		1979	10	0.043	0.01	0.08	0.0231	0.0073	53.8	0.01	0.015	0.03	0.04	0.05	0.08	0.08
		1980	10	0.052	0.03	0.08	0.0169	0.0053	32.4	0.03	0.035	0.04	0.045	0.07	0.075	0.08
		1981	1	0.030	0.03	0.03										
MONTE SANO BAYOU TO HEAD OF PASSES	MONTE SANO BAYOU TO HEAD OF PASSES	1973	23	0.179	0.08	0.25	0.0456	0.0095	25.5	0.09	0.13	0.15	0.18	0.22	0.24	0.24
		1974	30	0.307	0.06	0.45	0.0989	0.0181	32.2	0.08	0.19	0.25	0.315	0.38	0.43	0.44
		1975	52	0.240	0.11	0.86	0.1235	0.0171	51.5	0.14	0.16	0.19	0.215	0.24	0.31	0.43
		1976	53	0.266	0.11	0.99	0.1317	0.0181	49.5	0.13	0.15	0.21	0.24	0.29	0.33	0.43
		1977	40	0.276	0.06	0.46	0.0838	0.0132	30.4	0.105	0.18	0.24	0.275	0.33	0.38	0.395
		1978	72	0.265	0.07	0.5	0.0891	0.0105	33.6	0.13	0.17	0.205	0.25	0.325	0.4	0.42
		1979	59	0.228	0.005	0.57	0.0973	0.0127	42.7	0.11	0.12	0.17	0.22	0.28	0.33	0.41
		1980	56	0.240	0.09	0.4	0.0736	0.0098	30.6	0.13	0.15	0.185	0.23	0.3	0.34	0.39
		1981	61	0.283	0.07	0.62	0.1295	0.0166	45.8	0.12	0.14	0.19	0.28	0.36	0.47	0.52176
		1982	49	0.306	0.11	0.6	0.1192	0.0170	39.0	0.13	0.17	0.22	0.29	0.37	0.49	0.53
		1983	59	0.287	0.11	0.63	0.1185	0.0154	41.3	0.13	0.17	0.18	0.26	0.38	0.45	0.53
		1984	54	0.215	0.1	0.42	0.0736	0.0100	34.2	0.1	0.12	0.17	0.2	0.26	0.31	0.38
		1985	56	0.224	0.07	0.48	0.0943	0.0126	42.1	0.11	0.12	0.17	0.19	0.285	0.36	0.47
		1986	55	0.311	0.13	0.66	0.1373	0.0185	44.2	0.13	0.14	0.2	0.28	0.38	0.52	0.58
		1987	42	0.234	0.02	0.78	0.1332	0.0206	56.9	0.11	0.14	0.17	0.21	0.26	0.34	0.48
		1988	68	0.203	0.07	0.88	0.1737	0.0211	85.4	0.08	0.09	0.1	0.135	0.245	0.36	0.52
		1989	47	0.208	0.07	0.72	0.1240	0.0181	59.5	0.07	0.09	0.11	0.18	0.26	0.38	0.41
		1990	48	0.234	0.1	0.75	0.1372	0.0198	58.7	0.12	0.12	0.14	0.18	0.27	0.41	0.47
		1991	44	0.216	0.1	0.38	0.0714	0.0108	33.1	0.12	0.13	0.175	0.2	0.255	0.32	0.35
		1992	40	0.248	0.11	0.56	0.0737	0.0117	29.8	0.13	0.155	0.21	0.245	0.28	0.32	0.32
		1993	48	0.210	0.1	0.35	0.0717	0.0103	34.2	0.11	0.11	0.14	0.21	0.26	0.31	0.31
		1994	45	0.155	0.06	0.3	0.0503	0.0075	32.5	0.06	0.1	0.13	0.15	0.17	0.22	0.24
		1995	26	0.155	0.01	0.25	0.0657	0.0129	42.3	0.05	0.08	0.11	0.155	0.21	0.25	0.25
		1996	16	0.236	0.08	0.61	0.1486	0.0372	63.1	0.08	0.11	0.155	0.185	0.28	0.55	0.61
		1997	19	0.168	0.06	0.4	0.0771	0.0177	45.9	0.06	0.102	0.12	0.15	0.186	0.26	0.4
		1998	10	0.192	0.12	0.32	0.0592	0.0187	30.8	0.12	0.125	0.15	0.185	0.23	0.28	0.32
		1999	6	0.184	0.13	0.24	0.0399	0.0163	21.7	0.13	0.13	0.15	0.186	0.21	0.24	0.24
	Mississippi River Gulf Outlet	1978	12	0.081	0.04	0.15	0.0326	0.0094	40.3	0.04	0.05	0.06	0.075	0.095	0.13	0.15
		1979	12	0.070	0.04	0.14	0.0325	0.0094	46.4	0.04	0.04	0.04	0.06	0.095	0.1	0.14
		1980	11	0.098	0.04	0.39	0.0991	0.0299	100.9	0.04	0.05	0.05	0.07	0.08	0.12	0.39
		1981	1	0.050	0.05	0.05										

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	Mississippi River Passes	1975	29	0.422	0.14	2.7	0.5011	0.0931	118.8	0.14	0.16	0.19	0.23	0.44	0.94	1
		1976	35	0.725	0.13	7.1	1.3862	0.2343	191.3	0.13	0.14	0.18	0.31	0.39	1.8	4.3
		1977	24	0.243	0.03	0.71	0.1401	0.0286	57.6	0.13	0.15	0.165	0.195	0.265	0.43	0.44
		1978	24	0.193	0.02	0.29	0.0604	0.0123	31.3	0.12	0.13	0.16	0.19	0.23	0.27	0.28
		1979	21	0.227	0.05	0.41	0.1143	0.0249	50.4	0.09	0.1	0.15	0.18	0.32	0.39132	0.4
		1980	23	0.195	0.11	0.28	0.0464	0.0097	23.8	0.14	0.14	0.16	0.2	0.22	0.28	0.28
		1981	2	0.150	0.14	0.16	0.0141	0.01	9.4	0.14	0.14	0.14	0.15	0.16	0.16	0.16
	New Orleans East leveed waterbodies	2001	16	0.935	0.28	2.8	0.7263	0.1816	77.7	0.28	0.33	0.39	0.615	1.395	2.07	2.8
		1991	17	0.096	0.04	0.25	0.0511	0.0124	53.0	0.04	0.05	0.06	0.09	0.11	0.15	0.25
		1992	18	0.096	0.03	0.32	0.0711	0.0168	74.0	0.03	0.03	0.06	0.07	0.14	0.17	0.32
MS	Octave Pass and Main Pass	1993	17	0.112	0.05	0.25	0.0571	0.0138	50.8	0.05	0.06	0.06	0.09	0.14	0.22	0.25
		1994	15	0.117	0.04	0.31	0.0817	0.0211	70.1	0.04	0.04	0.06	0.08	0.2	0.23	0.31
		1995	14	0.125	0.04	0.54	0.1329	0.0355	106.4	0.04	0.05	0.06	0.075	0.09	0.23	0.54
		1996	15	0.147	0.04	0.33	0.1019	0.0263	69.5	0.04	0.05	0.08	0.1	0.27	0.32	0.33
		1997	18	0.129	0.02	0.32	0.0792	0.0187	61.4	0.02	0.07	0.08	0.095	0.18	0.28	0.32
		1998	7	0.147	0.07	0.32	0.0976	0.0369	66.3	0.07	0.07	0.08	0.1	0.25	0.32	0.32
		2001	33	0.212	0.05	0.61	0.1530	0.0266	72.3	0.06	0.06	0.09	0.15	0.27	0.42	0.56
		2001	4	0.525	0.48	0.62	0.0645	0.0323	12.3	0.48	0.48	0.485	0.5	0.565	0.62	0.62
		2001	12	0.133	0.07	0.33	0.0799	0.0231	59.9	0.07	0.08	0.09	0.1	0.135	0.26	0.33
	The Rigolets	1975	12	0.068	0.03	0.28	0.0681	0.0197	100.9	0.03	0.03	0.04	0.05	0.06	0.07	0.28
		1996	2	0.030	0.02	0.04	0.0141	0.01	47.1	0.02	0.02	0.02	0.03	0.04	0.04	0.04
	Tiger, Red, Grand, and Tante Phine Passes	1977	4	0.238	0.23	0.25	0.0096	0.0048	4.0	0.23	0.23	0.23	0.235	0.245	0.25	0.25
	West Pearl River	1995	2	0.130	0.12	0.14	0.0141	0.01	10.9	0.12	0.12	0.12	0.13	0.14	0.14	0.14
MS	Back Bay of Biloxi	1968	36	0.004	0.00131	0.00937	0.0018	0.0003	40.2	0.0015	0.0018	0.0032	0.0044	0.0055	0.0066	0.0077
		1969	16	0.003	0.002	0.00733	0.0013	0.0003	40.5	0.002	0.002	0.0023	0.003	0.0034	0.0035	0.0073
		1972	18	0.098	0.07	0.28	0.0473	0.0112	48.1	0.07	0.07	0.08	0.085	0.1	0.12	0.28
		1974	4	0.068	0.05	0.1	0.0236	0.0118	35.0	0.05	0.05	0.05	0.06	0.085	0.1	0.1
		1975	17	0.888	0.04	3	1.0980	0.2663	123.7	0.04	0.05	0.06	0.28	1.7	3	3
		1977	18	0.126	0.08	0.18	0.0217	0.0051	17.2	0.08	0.09	0.12	0.13	0.13	0.15	0.18
		1990	6	0.142	0.06	0.3	0.0966	0.0394	68.2	0.06	0.06	0.06	0.12	0.19	0.3	0.3
		1997	13	0.092	0.03	0.25	0.0546	0.0152	59.2	0.03	0.03	0.06	0.09	0.1	0.11	0.25
		1998	27	0.256	0.03	1.92	0.4471	0.0860	174.4	0.04	0.04	0.05	0.09	0.17	0.88	1.41
		2000	8	0.261	0.06	0.92	0.2743	0.0970	105.0	0.06	0.06	0.13	0.17	0.255	0.92	0.92
		2001	11	0.188	0.04	0.64	0.1778	0.0536	94.5	0.04	0.04	0.05	0.11	0.28	0.31	0.64
		2002	3	0.273	0.07	0.62	0.3017	0.1742	110.4	0.07	0.07	0.07	0.13	0.62	0.62	0.62
	Bayou Costapia - Tchoutacabouffa River	1993	4	0.123	0.04	0.17	0.0574	0.0287	46.8	0.04	0.04	0.085	0.14	0.16	0.17	0.17
		1994	5	0.054	0.03	0.11	0.0358	0.016	66.3	0.03	0.03	0.03	0.03	0.07	0.11	0.11
		1995	2	0.080	0.07	0.09	0.0141	0.01	17.7	0.07	0.07	0.07	0.08	0.09	0.09	0.09
		1996	1	0.020	0.02	0.02										

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Bayou Costapia - Tchoutacabouffa River	1997	10	0.096	0.01	0.37	0.1193	0.0377	124.2	0.01	0.015	0.03	0.04	0.11	0.31	0.37
		1998	9	0.097	0.02	0.21	0.0581	0.0194	60.1	0.02	0.02	0.06	0.08	0.14	0.21	0.21
	Bayou Cumbest	1968	18	0.004	0.001	0.026	0.0056	0.0013	152.5	0.0012	0.0013	0.0015	0.0023	0.0030	0.0045	0.0258
		1969	8	0.003	0.002	0.004	0.0006	0.0002	23.3	0.0015	0.0015	0.0025	0.0030	0.0030	0.0038	0.0038
		1972	29	4.416	0.6	10.6	3.3412	0.6205	75.7	0.72	0.74	1.63	4.4	6	9.8	10
		1978	13	0.831	0.06	4.3	1.1048	0.3064	133.0	0.06	0.29	0.39	0.44	0.71	1.6	4.3
	Bayou LaTerre	1998	2	0.040	0.02	0.06	0.0283	0.02	70.7	0.02	0.02	0.02	0.04	0.06	0.06	0.06
	Bayou Portage	1975	30	1.458	0.11	3.9	1.1219	0.2048	76.9	0.13	0.24	0.46	1.5	2.1	3.3	3.8
		1997	17	0.144	0.05	0.26	0.0633	0.0154	44.1	0.05	0.05	0.1	0.14	0.19	0.23	0.26
		1998	35	0.241	0.03	2.17	0.4353	0.0736	180.5	0.04	0.06	0.07	0.1	0.15	0.81	1.35
		1999	10	0.147	0.03	0.79	0.2279	0.0721	155.1	0.03	0.035	0.05	0.08	0.1	0.46	0.79
		2000	11	0.098	0.04	0.15	0.0371	0.0112	37.8	0.04	0.06	0.07	0.09	0.13	0.14	0.15
		2001	11	0.234	0.06	0.6	0.2121	0.0639	90.8	0.06	0.07	0.07	0.11	0.51	0.53	0.6
		2002	4	0.165	0.06	0.43	0.1771	0.0886	107.3	0.06	0.06	0.07	0.085	0.26	0.43	0.43
	Bayou Talla - Jourdan River	1968	18	0.001	0.0001	0.002	0.0006	0.0002	43.2	0.0001	0.0002	0.0012	0.0015	0.0020	0.0023	0.0024
		1969	8	0.003	0.002	0.005	0.0012	0.0004	40.5	0.0015	0.0015	0.0020	0.0030	0.0039	0.0050	0.0050
		1977	2	0.015	0.01	0.02	0.0071	0.005	47.1	0.01	0.01	0.01	0.015	0.02	0.02	0.02
		1978	11	0.208	0.03	0.89	0.2665	0.0804	128.3	0.03	0.04	0.04	0.09	0.32	0.48	0.89
		1979	11	0.048	0.01	0.12	0.0299	0.0090	62.1	0.01	0.02	0.03	0.04	0.06	0.07	0.12
		1980	12	0.092	0.02	0.25	0.0613	0.0177	66.9	0.02	0.04	0.055	0.075	0.115	0.15	0.25
		1981	12	0.114	0.0001	0.37	0.1150	0.0332	100.7	0.0001	0.01	0.035	0.07	0.155	0.29	0.37
		1982	7	0.069	0.02	0.14	0.0425	0.0161	61.9	0.02	0.02	0.02	0.08	0.09	0.14	0.14
		1983	6	0.177	0.02	0.48	0.1707	0.0697	96.6	0.02	0.02	0.06	0.13	0.24	0.48	0.48
		1984	6	0.382	0.05	1	0.3553	0.1450	93.1	0.05	0.05	0.16	0.24	0.6	1	1
		1985	4	0.118	0.06	0.23	0.0802	0.0401	68.2	0.06	0.06	0.06	0.09	0.175	0.23	0.23
		1986	5	0.058	0.02	0.13	0.0432	0.0193	74.6	0.02	0.02	0.03	0.05	0.06	0.13	0.13
		1987	4	0.050	0.03	0.08	0.0216	0.0108	43.2	0.03	0.03	0.035	0.045	0.065	0.08	0.08
		1988	4	0.063	0.02	0.15	0.0597	0.0298	95.4	0.02	0.02	0.025	0.04	0.1	0.15	0.15
		1990	5	0.054	0.02	0.11	0.0378	0.0169	70.0	0.02	0.02	0.02	0.05	0.07	0.11	0.11
		1991	4	0.198	0.05	0.32	0.1379	0.0690	69.8	0.05	0.05	0.08	0.21	0.315	0.32	0.32
		1992	5	0.038	0.01	0.09	0.0327	0.0146	86.1	0.01	0.01	0.04	0.04	0.09	0.09	0.09
		1993	5	0.098	0.02	0.27	0.0993	0.0444	101.4	0.02	0.02	0.05	0.06	0.09	0.27	0.27
		1994	4	0.048	0.01	0.08	0.0299	0.0149	62.9	0.01	0.01	0.025	0.05	0.07	0.08	0.08
		1995	4	0.048	0.01	0.08	0.0299	0.0149	62.9	0.01	0.01	0.025	0.05	0.07	0.08	0.08
		1996	4	0.045	0.02	0.06	0.0191	0.0096	42.6	0.02	0.02	0.03	0.05	0.06	0.06	0.06
		1997	9	0.074	0.01	0.23	0.0631	0.0210	84.7	0.01	0.01	0.05	0.06	0.07	0.23	0.23
		1998	14	0.079	0.02	0.27	0.0761	0.0203	96.0	0.02	0.03	0.03	0.045	0.08	0.19	0.27
	Big Swamp - Pascagoula River	1968	70	0.003	0.0005	0.007	0.0012	0.0001	39.6	0.0014	0.0017	0.0021	0.0029	0.0036	0.0045	0.0055
		1969	31	0.003	0.002	0.004	0.0005	0.0001	16.6	0.002	0.00266	0.003	0.003	0.0035	0.004	0.004
		1972	1	0.033	0.033	0.033	0.033									
		1978	2	0.085	0.05	0.12	0.0495	0.0350	58.2	0.05	0.05	0.05	0.085	0.12	0.12	0.12
		1997	4	0.240	0.15	0.36	0.0983	0.0492	41.0	0.15	0.15	0.16	0.225	0.32	0.36	0.36

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95	
MS	Black Creek Swamp - Pascagoula River	1972	6	0.093	0.07	0.13	0.0207	0.0084	22.1	0.07	0.07	0.08	0.09	0.1	0.13	0.13	
	Catahoula Creek	1998	2	0.045	0.03	0.06	0.0212	0.0150	47.1	0.03	0.03	0.03	0.045	0.06	0.06	0.06	
	Crane Creek	1998	2	0.020	0.02	0.02	0	0	0.0	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
	Cunningham Branch - Escatawpa River	1968	18	0.004	0.0007	0.014	0.0033	0.0008	77.2	0.0007	0.0011	0.0020	0.0032	0.0068	0.0080	0.0136	
		1969	8	0.003	0.003	0.004	0.0004	0.0001	12.2	0.0025	0.0025	0.0030	0.0030	0.0033	0.0038	0.0038	
		1972	22	0.077	0.02	0.13	0.0386	0.0082	49.9	0.02	0.04	0.04	0.075	0.12	0.13	0.13	
	Cutoff Bayou - Jourdan River	1968	18	0.002	0.0009	0.005	0.0010	0.0002	43.7	0.0009	0.0012	0.0016	0.0020	0.0024	0.0040	0.0045	
		1969	8	0.003	0.0008	0.003	0.0009	0.0003	35.7	0.0008	0.0008	0.0023	0.0030	0.0030	0.0033	0.0033	
		1972	6	0.048	0.02	0.12	0.0360	0.0147	74.5	0.02	0.02	0.03	0.04	0.04	0.12	0.12	
		1977	16	0.044	0.01	0.19	0.0529	0.0132	119.2	0.01	0.01	0.015	0.025	0.04	0.16	0.19	
		1998	17	0.474	0.01	3.73	1.1119	0.2697	234.5	0.01	0.02	0.05	0.08	0.14	3.09	3.73	
	East Mississippi Sound	1968	75	0.004	0.0009	0.044	0.0053	0.0006	134.6	0.0011	0.0014	0.0017	0.0027	0.0045	0.0064	0.0108	
		1969	34	0.003	0.0008	0.003	0.0006	0.0001	20.9	0.0008	0.0020	0.0028	0.0030	0.0030	0.0030	0.0030	
		1972	41	0.128	0.03	0.5	0.0978	0.0153	76.4	0.04	0.05	0.07	0.1	0.15	0.19	0.25	
		1997	8	0.283	0.08	0.55	0.1855	0.0656	65.7	0.08	0.08	0.1	0.265	0.45	0.55	0.55	
		1998	16	0.158	0.05	0.41	0.1063	0.0266	67.5	0.05	0.07	0.08	0.11	0.2	0.37	0.41	
		1999	22	0.155	0.04	0.33	0.0843	0.0180	54.4	0.05	0.06	0.08	0.145	0.22	0.29	0.29	
		2000	17	0.110	0.05	0.31	0.0651	0.0158	59.2	0.05	0.05	0.07	0.09	0.13	0.2	0.31	
		2001	21	0.161	0.04	1.06	0.2238	0.0488	139.0	0.05	0.06	0.06	0.08	0.16	0.24	0.41	
		2002	8	0.094	0.05	0.21	0.0590	0.0209	63.0	0.05	0.05	0.05	0.065	0.13	0.21	0.21	
		Flat Branch - Bayou Bernard	1974	3	1.030	0.05	2.7	1.4535	0.8392	141.1	0.05	0.05	0.05	0.34	2.7	2.7	2.7
			1976	22	1.640	0.03	3.4	1.4942	0.3186	91.1	0.03	0.04	0.05	2.75	2.9	3.1	3.1
	Flat Branch - Turkey Creek	1968	18	0.006	0.001	0.016	0.0036	0.0008	63.3	0.0012	0.0012	0.0039	0.0045	0.0069	0.0103	0.0163	
		1969	8	0.003	0.001	0.004	0.0009	0.0003	35.1	0.0011	0.0011	0.0018	0.0027	0.0032	0.0038	0.0038	
		1972	48	0.216	0.02	0.36	0.0811	0.0117	37.5	0.1	0.11	0.155	0.215	0.29	0.31	0.35	
		1974	36	0.262	0.02	1.4	0.2828	0.0471	107.8	0.03	0.03	0.075	0.185	0.325	0.55	0.96	
		1977	4	0.140	0.08	0.24	0.0698	0.0349	49.8	0.08	0.08	0.095	0.12	0.185	0.24	0.24	
		1991	12	0.082	0.005	0.22	0.0655	0.0189	79.8	0.005	0.03	0.03	0.055	0.125	0.17	0.22	
		1992	11	0.188	0.07	0.43	0.1056	0.0318	56.1	0.07	0.09	0.11	0.17	0.26	0.28	0.43	
		1996	1	0.130	0.13	0.13											
		1997	27	0.163	0.03	0.82	0.1604	0.0309	98.2	0.05	0.05	0.07	0.1	0.21	0.33	0.38	
		1998	43	0.291	0.04	3.68	0.5797	0.0884	199.2	0.05	0.05	0.08	0.11	0.25	0.51	1.04	
	Fourmile Branch - Moungers Creek	1997	1	0.080	0.08	0.08											
	Lower Bayou la Croix	1977	2	0.030	0.03	0.03	0	0	0.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
		1998	2	0.075	0.04	0.11	0.0495	0.0350	66.0	0.04	0.04	0.04	0.075	0.11	0.11	0.11	
	Mill Creek - Biloxi River	1968	18	0.004	0.001	0.007	0.0012	0.0003	31.7	0.0015	0.0020	0.0032	0.0036	0.0043	0.0047	0.0068	
		1969	8	0.002	0.002	0.003	0.0005	0.0002	18.4	0.0019	0.0019	0.0021	0.0025	0.0027	0.0033	0.0033	

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Mulatto Bayou - Pearl River	1991	5	0.052	0.01	0.16	0.0614	0.0275	118.1	0.01	0.01	0.02	0.03	0.04	0.16	0.16
		1992	5	0.168	0.02	0.62	0.2535	0.1134	150.9	0.02	0.02	0.06	0.07	0.07	0.62	0.62
		1993	5	0.194	0.09	0.36	0.1426	0.0638	73.5	0.09	0.09	0.09	0.09	0.34	0.36	0.36
		1994	6	0.082	0.02	0.13	0.0475	0.0194	58.2	0.02	0.02	0.04	0.09	0.12	0.13	0.13
		1995	5	0.070	0.03	0.09	0.0235	0.0105	33.5	0.03	0.03	0.07	0.08	0.08	0.09	0.09
		1996	6	0.060	0.01	0.11	0.0335	0.0137	55.8	0.01	0.01	0.04	0.065	0.07	0.11	0.11
		1997	11	0.153	0.03	0.92	0.2589	0.0781	169.5	0.03	0.04	0.04	0.07	0.11	0.2	0.92
		1998	12	0.563	0.03	4.86	1.3632	0.3935	242.0	0.03	0.06	0.07	0.1	0.355	0.55	4.86
	Old Fort Bayou	1977	2	0.005	0.005	0.005	0	0	0.0	0.005	0.005	0.005	0.005	0.005	0.005	0.005
		1997	1	0.060	0.06	0.06										
MS	Old Fort Bayou - Biloxi Bay	1968	9	0.004	0.001	0.009	0.0021	0.0007	55.7	0.0013	0.0013	0.0027	0.0035	0.0039	0.0087	0.0087
		1969	4	0.003	0.003	0.005	0.0012	0.0006	35.2	0.0025	0.0025	0.0027	0.0031	0.0043	0.0053	0.0053
		1972	13	0.078	0.05	0.1	0.0148	0.0041	19.1	0.05	0.06	0.07	0.08	0.08	0.1	0.1
		1974	4	0.073	0.07	0.08	0.005	0.0025	6.9	0.07	0.07	0.07	0.07	0.075	0.08	0.08
		1975	5	0.082	0.06	0.11	0.0217	0.0097	26.4	0.06	0.06	0.07	0.07	0.1	0.11	0.11
		1977	12	0.048	0.01	0.12	0.0418	0.0121	88.0	0.01	0.01	0.015	0.025	0.085	0.11	0.12
		1997	8	0.121	0.04	0.26	0.0848	0.0300	69.9	0.04	0.04	0.065	0.08	0.19	0.26	0.26
		1998	16	0.199	0.06	1.41	0.3287	0.0822	165.4	0.06	0.06	0.07	0.115	0.155	0.29	1.41
		1999	23	0.109	0.03	0.18	0.0498	0.0104	45.9	0.03	0.05	0.06	0.12	0.16	0.17	0.18
		2000	24	0.147	0.03	0.3	0.0806	0.0164	54.9	0.05	0.06	0.07	0.135	0.215	0.26	0.28
		2001	23	0.123	0.04	0.59	0.1124	0.0234	91.4	0.04	0.05	0.06	0.09	0.14	0.19	0.2
		2002	8	0.140	0.05	0.3	0.0989	0.0349	70.6	0.05	0.05	0.065	0.1	0.22	0.3	0.3
MS	Paige Bayou - Moungers Creek	1997	1	0.010	0.01	0.01										
MS	Parker Creek - Tchoutacabouffa River	1968	18	0.003	0.0009	0.009	0.0018	0.0004	64.4	0.0009	0.0016	0.0018	0.0024	0.0032	0.0037	0.0092
		1969	8	0.003	0.002	0.003	0.0005	0.0002	17.5	0.002	0.002	0.0023	0.0027	0.0030	0.0034	0.0034
		1975	18	0.024	0.01	0.06	0.0146	0.0035	59.9	0.01	0.01	0.01	0.02	0.03	0.05	0.06
		1993	5	0.064	0.02	0.12	0.0385	0.0172	60.1	0.02	0.02	0.04	0.06	0.08	0.12	0.12
MS	Polar Branch - Wolf River	1976	17	0.018	0.01	0.07	0.0152	0.0037	86.2	0.01	0.01	0.01	0.01	0.02	0.03	0.07
		1978	19	0.023	0.005	0.22	0.0478	0.0110	204.3	0.005	0.01	0.01	0.01	0.02	0.02	0.22
		1979	18	0.014	0.005	0.06	0.0125	0.0029	91.7	0.005	0.005	0.01	0.01	0.01	0.02	0.06
		1980	17	0.025	0	0.08	0.0250	0.0061	101.3	0	0	0.01	0.01	0.03	0.07	0.08
		1981	11	0.263	0.005	0.92	0.4207	0.1268	159.9	0.005	0.005	0.005	0.02	0.9131	0.92	0.92
		1982	12	0.021	0.005	0.05	0.0149	0.0043	71.5	0.005	0.005	0.01	0.02	0.02	0.05	0.05
		1983	8	0.023	0.01	0.03	0.0089	0.0031	39.4	0.01	0.01	0.015	0.025	0.03	0.03	0.03
		1984	8	0.023	0.01	0.03	0.0089	0.0031	39.4	0.01	0.01	0.015	0.025	0.03	0.03	0.03
		1985	8	0.009	0.005	0.02	0.0069	0.0025	79.4	0.005	0.005	0.005	0.005	0.0125	0.02	0.02
		1986	6	0.017	0.01	0.03	0.0103	0.0042	62.0	0.01	0.01	0.01	0.01	0.03	0.03	0.03
MS	Rotten Bayou	1998	2	0.090	0.03	0.15	0.0849	0.0600	94.3	0.03	0.03	0.03	0.09	0.15	0.15	0.15

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	UNKNOWN TRIBUTARY	1968	36	0.003	0.0006	0.009	0.0016	0.0003	59.1	0.0012	0.0014	0.0016	0.0020	0.0037	0.0045	0.0053
		1969	16	0.003	0.001	0.004	0.0009	0.0002	32.0	0.001	0.001	0.0023	0.003	0.003	0.0038	0.004
		1972	24	0.040	0.02	0.06	0.0123	0.0025	31.1	0.02	0.02	0.03	0.04	0.045	0.06	0.06
		1974	4	0.055	0.04	0.08	0.0191	0.0096	34.8	0.04	0.04	0.04	0.05	0.07	0.08	0.08
		1975	5	0.058	0.04	0.11	0.0303	0.0136	52.3	0.04	0.04	0.04	0.04	0.06	0.11	0.11
		1977	7	0.026	0.005	0.04	0.0170	0.0064	64.4	0.005	0.005	0.01	0.04	0.04	0.04	0.04
		1978	11	0.171	0.04	0.455	0.1387	0.0418	81.3	0.04	0.04	0.05	0.102	0.29	0.32	0.455
		1979	11	0.109	0.04	0.2	0.0519	0.0156	47.5	0.04	0.06	0.06	0.1	0.15	0.18	0.2
		1980	11	0.105	0.0001	0.3	0.0905	0.0273	86.5	0.0001	0.02	0.03	0.08	0.19	0.2	0.3
		1981	12	0.191	0.04	0.58	0.1398	0.0404	73.3	0.04	0.04	0.14	0.16	0.23	0.26	0.58
		1982	7	0.131	0.04	0.34	0.1105	0.0418	84.4	0.04	0.04	0.05	0.09	0.225	0.34	0.34
		1983	6	0.162	0.03	0.42	0.1582	0.0646	97.8	0.03	0.03	0.05	0.09	0.29	0.42	0.42
		1984	6	0.137	0.06	0.2	0.0539	0.0220	39.4	0.06	0.06	0.1	0.135	0.19	0.2	0.2
		1985	4	0.090	0.05	0.15	0.0490	0.0245	54.4	0.05	0.05	0.05	0.08	0.13	0.15	0.15
		1986	5	0.062	0.02	0.09	0.0303	0.0136	48.9	0.02	0.02	0.04	0.08	0.08	0.09	0.09
		1987	6	0.205	0.01	0.93	0.3571	0.1458	174.2	0.01	0.01	0.03	0.075	0.11	0.93	0.93
		1990	2	0.095	0.05	0.14	0.0636	0.045	67.0	0.05	0.05	0.05	0.095	0.14	0.14	0.14
		1991	2	0.335	0.13	0.54	0.2899	0.205	86.5	0.13	0.13	0.13	0.335	0.54	0.54	0.54
		1992	6	0.123	0.04	0.24	0.0662	0.0270	53.7	0.04	0.04	0.09	0.12	0.13	0.24	0.24
		1993	6	0.137	0.03	0.42	0.1457	0.0595	106.6	0.03	0.03	0.06	0.075	0.16	0.42	0.42
		1997	10	0.115	0.02	0.24	0.0861	0.0272	74.8	0.02	0.025	0.03	0.105	0.2	0.225	0.24
		1998	10	0.048	0.02	0.07	0.0175	0.0055	36.5	0.02	0.025	0.03	0.05	0.06	0.07	0.07
	West Mississippi Sound	1968	284	0.004	0.0001	0.075	0.0049	0.0003	138.2	0.0013	0.0015	0.0019	0.0028	0.0038	0.0055	0.007
		1969	129	0.003	0.0008	0.008	0.0009	0.0001	32.1	0.0015	0.00166	0.0025	0.003	0.003	0.004	0.0043
		1972	17	0.073	0.04	0.19	0.0422	0.0102	57.9	0.04	0.04	0.05	0.06	0.08	0.16	0.19
		1997	61	0.143	0.02	0.46	0.1056	0.0135	73.6	0.04	0.05	0.07	0.1	0.19	0.32	0.33
		1998	130	0.207	0.01	3.68	0.3783	0.0332	182.5	0.04	0.05	0.06	0.1	0.2	0.415	0.81
		1999	144	0.179	0.02	1.64	0.2211	0.0184	123.6	0.04	0.05	0.07	0.14	0.2	0.26	0.4
		2000	143	0.173	0.01	3.01	0.3088	0.0258	178.1	0.04	0.05	0.07	0.11	0.18	0.29	0.37
		2001	144	0.162	0.02	1.26	0.1632	0.0136	100.5	0.05	0.05	0.08	0.115	0.17	0.31	0.45
		2002	51	0.149	0.03	1.45	0.2210	0.0309	148.7	0.04	0.05	0.06	0.09	0.14	0.25	0.45
West Pascagoula River - East Pascagoula River	West Pascagoula River - East Pascagoula River	1968	53	0.005	0.0015	0.044	0.0064	0.0009	117.8	0.0017	0.0018	0.0024	0.0038	0.0053	0.0105	0.0135
		1969	24	0.003	0.0015	0.006	0.0010	0.0002	33.7	0.002	0.002	0.0024	0.0029	0.003	0.004	0.0045
		1972	64	0.112	0.04	0.26	0.0420	0.0053	37.4	0.06	0.06	0.09	0.1	0.135	0.16	0.18
		1974	4	0.060	0.05	0.07	0.0082	0.0041	13.6	0.05	0.05	0.055	0.06	0.065	0.07	0.07
		1975	5	0.048	0.04	0.06	0.0110	0.0049	22.8	0.04	0.04	0.04	0.04	0.06	0.06	0.06
		1976	6	0.073	0.05	0.11	0.0216	0.0088	29.5	0.05	0.05	0.06	0.07	0.08	0.11	0.11
		1977	8	0.075	0.04	0.14	0.0307	0.0109	40.9	0.04	0.04	0.055	0.07	0.085	0.14	0.14
		1978	13	0.219	0.03	0.93	0.2608	0.0723	118.9	0.03	0.04	0.05	0.11	0.35	0.45	0.93
		1979	15	0.079	0.03	0.18	0.0400	0.0103	50.8	0.03	0.04	0.06	0.06	0.09	0.15	0.18
		1980	16	0.083	0.01	0.16	0.0516	0.0129	62.1	0.01	0.02	0.04	0.08	0.135	0.15	0.16
		1981	16	0.144	0.05	0.43	0.1015	0.0254	70.6	0.05	0.07	0.08	0.1	0.205	0.26	0.43
		1982	11	0.079	0.028	0.17	0.0354	0.0107	45.1	0.028	0.05	0.067	0.07	0.08	0.1	0.17

Attachment E: Total Phosphorus as P - Unfiltered
Summaries by State, HUC 12 and Year
units: mg/L

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	West Pascagoula River - East Pascagoula River	1983	10	0.137	0.05	0.39	0.1202	0.0380	87.7	0.05	0.05	0.06	0.065	0.18	0.345	0.39
		1984	10	0.262	0.04	1.8	0.5429	0.1717	207.2	0.04	0.04	0.04	0.09	0.16	0.985	1.8
		1985	3	0.030	0.02	0.04	0.0100	0.0058	33.6	0.02	0.02	0.02	0.0293	0.04	0.04	0.04
		1986	4	0.150	0.07	0.31	0.1095	0.0548	73.0	0.07	0.07	0.08	0.11	0.22	0.31	0.31
		1987	6	0.073	0.03	0.2	0.0638	0.0260	87.0	0.03	0.03	0.04	0.05	0.07	0.2	0.2
		1988	4	0.048	0.04	0.07	0.0150	0.0075	31.6	0.04	0.04	0.04	0.04	0.055	0.07	0.07
		1989	4	0.063	0.05	0.07	0.0096	0.0048	15.3	0.05	0.05	0.055	0.065	0.07	0.07	0.07
		1990	4	0.050	0.04	0.06	0.0082	0.0041	16.3	0.04	0.04	0.045	0.05	0.055	0.06	0.06
		1991	4	0.085	0.06	0.13	0.0311	0.0155	36.6	0.06	0.06	0.065	0.075	0.105	0.13	0.13
		1992	5	0.106	0.02	0.3	0.1115	0.0499	105.2	0.02	0.02	0.05	0.07	0.09	0.3	0.3
		1993	4	0.065	0.03	0.11	0.0370	0.0185	56.9	0.03	0.03	0.035	0.06	0.095	0.11	0.11
		1994	4	0.065	0.05	0.08	0.0129	0.0065	19.9	0.05	0.05	0.055	0.065	0.075	0.08	0.08
		1995	4	0.073	0.07	0.08	0.0050	0.0025	6.9	0.07	0.07	0.07	0.07	0.075	0.08	0.08
		1996	4	0.060	0.05	0.07	0.0082	0.0041	13.6	0.05	0.05	0.055	0.06	0.065	0.07	0.07
		1997	4	0.048	0.03	0.06	0.0150	0.0075	31.6	0.03	0.03	0.035	0.05	0.06	0.06	0.06
	White Cypress Creek - Hickory Creek	1998	2	0.035	0.03	0.04	0.0071	0.0050	20.2	0.03	0.03	0.03	0.035	0.04	0.04	0.04

Attachment E: Turbidity - Unfiltered
Summary Table by State, HUC 12 and Year
units: NTU

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Bayou Sara	1973	1	10	10	10										
	Big Chippewa Lake	1999	4	29	22	35	6.48	3.24	22.3	22	22	23.5	29.5	34.5	35	35
	Bon Secour Bay	1993	23	9.4	3	28	7.99	1.67	85.0	3.3	3.4	3.7	4.5	13.5	25	26
	Bon Secour River	1994	2	2	1.7	2.3	0.42	0.30	21.2	1.7	1.7	1.7	2	2.3	2.3	2.3
	Deer River	1993	3	6.7	6.3	7.3	0.53	0.31	7.9	6.3	6.3	6.3	6.5	7.3	7.3	7.3
	Fly Creek	1994	2	5.1	2.4	7.7	3.75	2.65	74.2	2.4	2.4	2.4	5.1	7.7	7.7	7.7
		2003	36	34.2	8	240	43.41	7.24	127.0	10	12	17.5	21.5	27.5	69	150
	Fowl River	2003	15	30.2	9	79	19.70	5.09	65.2	9	11	15	24	39	63	79
	Garrows Bend-Mobile Bay	1993	4	6.8	4.7	8.9	2.11	1.05	31.2	4.7	4.7	5.0	6.7	8.6	8.9	8.9
	Grand Bay	1973	24	31.5	18	51	8.56	1.75	27.1	20	23	25	30	38.5	42	48
		1976	11	23	10	45	12.99	3.92	56.5	10	12	12	17	31	44	45
		1977	3	31.7	11	50	19.60	11.32	61.9	11	11	11	34	50	50	50
		1999	2	17	17	17	0	0	0	17	17	17	17	17	17	17
	Gum Swamp	2003	10	61.5	11	224	61.38	19.41	99.8	11	13.5	28	46.5	65	153	224
	Halls Creek	1994	1	2.2	2.2	2.2										
	Little Lagoon	1992	5	4.8	2.1	12	4.08	1.83	85.0	2.1	2.1	2.8	3.1	4	12	12
	Lower Chasaw Creek	1973	28	15.8	5	38	10.04	1.90	63.6	5	6	8	11.5	21.5	32	36
	Lower Dog River	1993	1	8.5	8.5	8.5										
		2000	12	11.8	5	19	3.69	1.06	31.2	5	7	9.5	12.5	14	14	19
		2001	28	15.1	7	64	10.74	2.03	71.2	8	8	10	12	16.5	23	28
		2002	35	13.8	7	27	4.34	0.73	31.4	8	9	11	13	16	18	25
		2003	30	24.2	8	63	11.26	2.06	46.6	12	13	15	21.5	32	36	39
	Lower Fish River	1994	1	3	3	3										
		1995	3	1.3	0.8	1.7	0.46	0.26	35.3	0.8	0.8	0.8	1.4	1.7	1.7	1.7
		1996	4	3.7	1.7	6.2	1.88	0.94	51.2	1.7	1.7	2.4	3.4	5.0	6.2	6.2
	Lower Mobile Bay	1993	5	8.1	3.3	14.1	4.52	2.02	56.1	3.3	3.3	4	8.4	10.5	14.1	14.1
	Magnolia River	1994	4	3.6	0.6	9.9	4.31	2.16	120.6	0.6	0.6	0.9	1.9	6.3	9.9	9.9
		1995	9	3.0	0.9	11	3.14	1.05	105.1	0.9	0.9	1.4	2.2	2.4	11	11
		1996	2	2.5	2.3	2.6	0.21	0.15	8.7	2.3	2.3	2.3	2.5	2.6	2.6	2.6
	Majors Creek	1994	3	15.5	3.4	39	20.38	11.77	131.8	3.4	3.4	3.4	4	39	39	39
		1995	9	7.2	2.1	36	10.86	3.62	151.8	2.1	2.1	3	4	4.6	36	36
		1996	2	4.6	3.2	6	1.98	1.4	43.0	3.2	3.2	3.2	4.6	6	6	6
	Middle Fish River	1994	1	2.6	2.6	2.6										
	Middle Mobile Bay	1993	12	6.4	4.3	9.7	1.52	0.44	23.8	4.3	4.9	5.3	6.1	7.3	8.1	9.7
		2000	12	22.8	7	97	25.04	7.23	109.7	7	7	8	13	27	32	97
		2001	31	32.0	5	210	40.40	7.26	126.1	5	6	8	17	38	73	82
		2002	38	24.4	4	134	25.94	4.21	106.2	5	5	9	13.5	34	62	74
		2003	43	26.3	7	87	17.97	2.74	68.5	9	10	16	22	32	47	73
	Mississippi Sound	1989	1	5.2	5.2	5.2										
		1993	8	4.4	1.9	7.1	2.16	0.76	49.6	1.9	1.9	2.3	4.4	6.3	7.1	7.1
	Mittlin Lake	1974	5	17.8	10	22	5.02	2.24	28.2	10	10	16	19	22	22	22
		1975	9	26.8	15	46	10.50	3.50	39.2	15	15	17	27	34	46	46
	Rains Creek	1994	1	3.4	3.4	3.4										
	Tensaw River-Apalachee River	1973	40	20.7	12	41	7.16	1.13	34.6	12	14	16	18	24	32	36
		1994	2	11.3	9.6	13	2.40	1.7	21.3	9.6	9.6	11.3	13	13	13	13
	The Basin	1994	1	2.8	2.8	2.8										
	Three Mile Creek	1973	20	14.1	8	25	5.35	1.20	37.9	8	9	10	12.5	16	23.5	25

Attachment E: Turbidity - Unfiltered
Summary Table by State, HUC 12 and Year
units: NTU

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Upper Bay Minette Creek	1994	3	1.9	1.8	2.1	0.15	0.09	7.9	1.8	1.8	1.8	1.9	2.1	2.1	2.1
		1995	9	7.2	1.3	23	8.22	2.74	113.6	1.3	1.3	2.7	3.1	5.8	23	23
		1996	2	4.9	3.4	6.4	2.12	1.5	43.3	3.4	3.4	3.4	4.9	6.4	6.4	6.4
	Upper Dog River	1973	4	14.5	11	22	5.20	2.60	35.8	11	11	11	12.5	18	22	22
	Upper Fish River	1994	2	2.5	1.4	3.5	1.48	1.05	60.6	1.4	1.4	1.4	2.5	3.5	3.5	3.5
		1995	7	6.9	1.7	29	9.81	3.71	141.9	1.7	1.7	2.5	2.9	5.2	29	29
		1996	4	4.4	2.2	6.6	1.80	0.90	40.7	2.2	2.2	3.3	4.5	5.6	6.6	6.6
	Upper Mobile Bay	1973	8	19.4	12	28	6.05	2.14	31.2	12	12	15	17	25.5	28	28
		1993	13	5.6	3.4	7.6	1.26	0.35	22.4	3.4	4.3	4.9	5.3	6.7	7.3	7.6
	Yancey Branch	2000	9	17.2	5	48	16.66	5.55	96.8	5	5	7	10	16	48	48
		2001	31	28.5	6	151	29.47	5.29	103.2	7	9	12	20	33	67	82
		2002	41	33.7	7	148	37.31	5.83	110.6	8	9	12	17	35	74	119
		2003	33	79.6	15	200	60.23	10.48	75.6	17	25	34	60	108	195	198
LA	BAYS GARDENE, BLACK, AMERICAN AND CRABE	1970	15	24.6	8	45	11.75	3.03	47.7	8	9	14.5	21.5	32.5	43.5	45
		1971	24	27.5	9	58	13.06	2.67	47.5	12.5	13.5	17.5	24.8	36.3	46	53
		1972	12	25.9	9	53	15.51	4.48	59.8	9	13.5	15	17.5	38.8	50.5	53
		1973	16	21.8	7	38	9.60	2.40	44.1	7	9	12.3	23.5	28	34	38
		1974	23	36.2	11.5	181.5	35.34	7.37	97.7	15.5	15.5	19.5	24	37	62	71
		1975	52	21.7	3	248	35.24	4.89	162.1	5	6	8	11.5	21.3	43.5	52
		1976	15	37.1	14.5	158	34.67	8.95	93.4	14.5	19.5	21.5	29	37	51	158
	Bay Boudreau	2001	11	19.6	11	39	8.05	2.43	41.0	11	13	14	18	24	28	39
	Bayou La Loutre	1978	8	15.3	6	34	9.87	3.49	64.7	6	6	9	10.5	21.5	34	34
		1979	10	12.7	7	23	5.48	1.73	43.1	7	7.5	9	10.5	17	21.5	23
		1980	9	31.9	4	63	24.33	8.11	76.3	4	4	6	34	53	63	63
		1981	12	6.0	1.7	10	2.84	0.82	47.5	1.7	2	4	6	8	10	10
		1982	12	5.8	2.2	13	3.16	0.91	54.6	2.2	2.5	3.6	5.0	6.9	10	13
		1983	12	22.7	6.4	54	13.83	3.99	60.8	6.4	7.5	11	22.5	31.5	35	54
		1984	10	16.7	1.3	68	22.57	7.14	135.1	1.3	1.9	2.5	5.4	32	54	68
		1985	12	29.7	2.6	216	59.67	17.22	200.6	2.6	3.7	4.8	9.2	21.5	40	216
		1986	12	10.9	3	26	8.52	2.46	77.9	3	3.5	4.7	6.9	19.5	23	26
		1987	12	13.6	2.5	40	10.97	3.17	80.9	2.5	4.2	7.5	9.6	18	28	40
		1988	12	46.8	4.1	409	115.21	33.26	246.4	4.1	4.2	4.9	5.5	31	50	409
		1989	12	7.8	3	17	3.93	1.14	50.4	3	3.8	4.8	7.2	10.5	11	17
		1990	11	11.4	4.4	29	7.52	2.27	66.1	4.4	4.9	6	7.8	15	20	29
		1991	12	14.0	2.4	51	13.76	3.97	98.1	2.4	2.8	3.7	10.3	20.5	21	51
		1992	12	17.5	2.6	117	31.59	9.12	180.3	2.6	4.6	5.2	9.7	10.5	18	117
		1993	12	8.4	4.2	16	3.56	1.03	42.5	4.2	4.5	5.2	8.8	10.5	11	16
		1994	12	10.1	4	24	6.48	1.87	64.0	4	4.5	4.5	8.3	14	19	24
		1995	11	7.6	2.6	15	4.58	1.38	60.3	2.6	3	3	6.5	11	15	15
		1996	12	6.7	1.6	15	4.59	1.32	68.8	1.6	3	3.1	5.3	9.1	15	15
		1997	12	11.4	2.5	33	9.64	2.78	84.5	2.5	3	3.8	9.9	15	25	33
		1998	5	56.2	13	190	75.37	33.71	134.1	13	13	14	31	33	190	190
		2001	67	31.2	2.3	170	39.15	4.78	125.7	3.2	3.4	6.8	18.5	36	95	140

Attachment E: Turbidity - Unfiltered
Summary Table by State, HUC 12 and Year
units: NTU

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95	
LA	Bayou Sauvage	1975	11	10.2	5	20	5.60	1.69	55.0	5	5	6	8	15	20	20	
		1978	8	15.3	6	34	9.87	3.49	64.7	6	6	9	10.5	21.5	34	34	
		1979	65	19.5	0	65	13.05	1.62	66.9	5	6	10	15	25	40	45	
		1980	23	20.4	2	65	21.66	4.52	106.2	2	3	4	8	34	62	63	
		1981	13	5.7	1.7	10	2.84	0.79	49.4	1.7	2	4	5	7	10	10	
		1982	12	5.8	2.2	13	3.16	0.91	54.6	2.2	2.5	3.6	5.0	6.9	10	13	
		1983	12	22.7	6.4	54	13.83	3.99	60.8	6.4	7.5	11	22.5	31.5	35	54	
		1984	10	16.7	1.3	68	22.57	7.14	135.1	1.3	1.9	2.5	5.4	32	54	68	
		1985	12	29.7	2.6	216	59.67	17.22	200.6	2.6	3.7	4.8	9.2	21.5	40	216	
		Bays Gardene, Black, American and Crabe	1978	12	5.8	3	10	1.60	0.46	27.9	3	5	5	6	6	10	10
		1979	9	12.9	1	45	13.78	4.59	106.9	1	1	5	8	10	45	45	
		1980	12	9.8	3	60	15.86	4.58	161.3	3	4	4	5.5	6.5	8	60	
		1981	1	2	2	2											
		2001	24	12.2	3.9	26	5.86	1.20	48.2	4.7	5	8.3	11	14.5	21	24	
CALIFORNIA BAY AND BRETON SOUND	CALIFORNIA BAY AND BRETON SOUND	1969	4	31	21.5	43.5	9.47	4.73	30.5	21.5	21.5	24	29.5	38	43.5	43.5	
		1970	58	35.2	13.5	83	15.58	2.05	44.3	14.5	17	24	32.5	42	57.5	65	
		1971	30	37.2	6	142.5	24.53	4.48	66.0	17	19.3	22.3	30.3	51	55.3	62	
		1972	26	36.3	18	53	11.41	2.24	31.4	19.5	19.5	29	34	47.5	52	53	
		1973	69	33.2	9	80	19.39	2.33	58.4	10	12.5	15.5	28	46	62	69.5	
		1974	186	41.5	8	505	40.05	2.94	96.5	13.5	14.5	20.5	32	57.5	71	75.5	
		1975	177	41.2	3	1330	104.33	7.84	253.2	6	8	12.5	24	47.5	65	84.5	
		1976	60	54.3	14.5	236	44.02	5.68	81.1	18.3	21	27.3	41	61.5	95.5	154	
California Bay and Breton Sound	California Bay and Breton Sound	1966	25	138.0	30	440	144.39	28.88	104.6	30	30	30	43	190	430	440	
		1967	32	162.7	30	470	123.22	21.78	75.8	30	30	60	125	220	290	450	
		1968	31	65.1	25	300	59.72	10.73	91.7	25	25	30	35	80	140	170	
		1969	24	201.0	30	730	147.99	30.21	73.6	45	60	102.5	170	260	320	400	
		1970	17	96.1	22	230	68.14	16.53	70.9	22	30	37	95	150	200	230	
		1971	36	70.3	5	240	76.73	12.79	109.2	5	5	13.5	30	128	185	230	
		1972	36	47.9	5	95	27.86	4.64	58.1	5	10	22.5	45	67.5	90	95	
		1973	36	67.4	7	130	37.04	6.17	55.0	10	19	30	80	100	105	125	
		1974	36	54.2	4	130	36.89	6.15	68.1	7	11	16	57.5	87	100	130	
		1975	21	71.2	22	130	34.31	7.49	48.2	24	30	45	72	100	120	130	
		1976	21	46.5	7	120	40.96	8.94	88.2	7	7	12	27	95	100	100	
		1977	24	48.1	17	110	29.00	5.92	60.3	17	21	22.5	37.5	66.5	100	105	
		1978	39	34.2	3	125	36.76	5.89	107.6	6	7.8	9.7	14	59	120	120	
		1979	37	36.9	4	125	34.46	5.67	93.3	4	6	8	30	53	83	120	
		1980	35	29.7	2	210	38.36	6.48	129.1	2	5	8	16	43	54	92	
		1981	48	27.2	1.8	140	35.68	5.15	131.1	2	3.8	5.5	11.5	30.5	85	120	
		1982	46	44.4	1.4	150	44.99	6.63	101.3	2.6	3.3	5.2	22.5	77	115	135	
		1983	48	50.2	1.4	250	66.10	9.54	131.8	4.2	5	10	15	65	150	220	
		1984	44	53.4	1.5	234	66.92	10.09	125.4	2	2.5	3.7	11	102	144	165	
		1985	46	59.1	1.6	240	68.85	10.15	116.5	2	3.6	5.9	17	98	161	190	
		1986	47	47.7	1.6	247	62.13	9.06	130.1	1.8	2.7	5.5	18	67	160	187.5	
		1987	48	25.5	1.9	142	30.62	4.42	120.1	3	3.1	7.3	16.5	31	51	94	
		1988	41	30.5	2.4	130	39.46	6.16	129.2	2.8	3.1	4.5	6	40	95	120	

Attachment E: Turbidity - Unfiltered
Summary Table by State, HUC 12 and Year
units: NTU

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	California Bay and Breton Sound	1989	48	26.1	1.4	99	27.41	3.96	105.0	3	3.6	5.7	12.5	42	66	88
		1990	48	34.2	1.6	240	54.04	7.80	158.0	2.4	2.6	4.3	11.5	50.5	98	130
		1991	42	22.7	1.3	78	23.03	3.55	101.5	2.7	3.2	4.9	14.5	36	64	68
		1992	40	23.6	2	88	24.48	3.87	103.8	2.5	3.5	6.4	10.3	43.5	62.5	77.5
		1993	36	21.1	4.1	75	21.81	3.64	103.3	4.3	4.5	6	9	35	64	66
		1994	36	14.7	3	75	14.43	2.41	98.4	3	4.7	6.3	10	16	32	50
		1995	33	14.8	3.3	50	12.30	2.14	83.1	3.4	4	6.5	10	16	35	40
		1996	36	26.0	2	110	30.18	5.03	116.1	2.4	4.7	6.1	11.5	35.5	85	105
		1997	36	20.6	2.5	105	24.69	4.12	119.9	2.8	3.8	7.3	11.5	17.5	68	82.5
		1998	22	39.6	4.7	108	32.62	6.96	82.4	6.7	7	9.8	28.5	70	85	100
		1999	12	63.6	5.8	165	54.30	15.67	85.4	5.8	6.9	8.5	70	100	129	165
		2000	12	29.7	2.5	90	27.96	8.07	94.2	2.5	4.6	7.5	19	45	70	90
		2001	221	16.3	1.1	160	20.14	1.35	123.4	3.9	5.5	7.9	11	16	27	40
	Chandeleur Sound	1976	8	7.9	1	25	7.38	2.61	93.7	1	1	4	6	8.5	25	25
		2001	11	12.7	4.6	23	5.24	1.58	41.2	4.6	5.9	9.4	12	16	18	23
	East Pearl River	1966	4	30	30	30	0	0	0.0	30	30	30	30	30	30	30
	Eloi Bay	1975	3	8.3	4	15	5.86	3.38	70.3	4	4	4	6	15	15	15
		1976	2	35	20	50	21.21	15	60.6	20	20	20	35	50	50	50
	Inner Harbor Navigation Canal	1975	1	40	40	40										
		1976	4	42.5	30	50	9.57	4.79	22.5	30	30	35	45	50	50	50
		2001	12	11.3	3.5	34	9.50	2.74	83.8	3.5	3.7	4.8	7.0	15	24	34
	Intracoastal Waterway	1974	6	5.2	2	15	4.96	2.02	95.9	2	2	2	3.5	5	15	15
		1975	34	12.5	2	60	11.53	1.98	92.3	2	3	5	9	15	25	30
		1976	18	6.1	3	15	2.95	0.69	48.2	3	3	4	5.5	6	10	15
		1977	12	5.5	3	10	2.15	0.62	39.1	3	3	4	5	6	9	10
		1978	12	6	1	15	4.39	1.27	73.2	1	3	3	3	10	10	15
		1979	10	5.8	2	10	3.33	1.05	57.4	2	2.5	3	4.5	10	10	10
		1980	11	5.1	1	8	2.74	0.83	53.8	1	2	2	5	8	8	8
		1981	4	6	2	10	3.65	1.83	60.9	2	2	3	6	9	10	10
		1982	4	5.3	3	10	3.30	1.65	62.9	3	3	3	4	7.5	10	10
		1983	4	9.3	3	20	7.59	3.79	82.0	3	3	4	7	14.5	20	20
		1984	3	14.3	3	20	9.81	5.67	68.5	3	3	3	20	20	20	20
	LAKE BORGNE	1973	23	38.9	10	102	33.02	6.88	84.8	10	10	13	25	80	90	102
		1978	37	14.9	4	44	9.17	1.51	61.7	4	5	8	13	20	26	34
		1979	42	24.0	6	110	19.26	2.97	80.2	7	8	11	19	31	40	45
		1980	36	31.5	3	315	51.45	8.57	163.3	3	5	9	21	32	58	65
		1981	48	16.5	0.6	160	24.06	3.47	146.1	1.9	2	5	9	21.5	34	35
		1982	48	18.9	1.7	52	13.60	1.96	71.8	2.4	2.7	5.8	18.5	27.5	38	39
		1983	48	28.9	1.9	75	17.32	2.50	60.0	3.5	6	19	26.5	37	54	72
		1984	42	25.5	1.3	90	18.54	2.86	72.7	2.9	4.6	7	25	38	45	54
		1985	47	24.4	2	264	39.23	5.72	160.7	3.3	3.7	7	14	27	39	64
		1986	48	16.7	1.5	50	11.86	1.71	71.0	3.8	4	5.8	14.5	24	30.5	44
		1987	48	16.5	2.4	60	11.99	1.73	72.6	3	3.2	7.7	14	23	34	39
		1988	47	25.8	2.4	400	58.14	8.48	225.2	3.2	3.7	6.5	15	23	28	63
		1989	47	19.5	3.6	74	12.83	1.87	65.7	5	5.2	11	17	26	32	35

Attachment E: Turbidity - Unfiltered
Summary Table by State, HUC 12 and Year
units: NTU

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	LAKE BORGNE	1990	48	16.5	2.3	50	11.32	1.63	68.4	3.5	4.2	7	15.5	22.5	32	35
		1991	56	21.1	4.1	267	34.66	4.63	164.3	4.7	5.6	10.5	16	22	28	35
		1992	54	20.8	2.9	337	45.19	6.15	217.1	3.6	5.2	8	14	20	24	28
		1993	54	20.3	2.5	233.1	31.40	4.27	155.0	3.8	5.3	8.2	15	21	30	38
		1994	54	19.6	3	56.8	12.58	1.71	64.2	5	7	10	17	26	40	48.4
		1995	50	26.1	2.9	312	47.88	6.77	183.3	3.5	4.6	10	15	24	37	76
		1996	54	37.3	1.8	1127	151.85	20.66	406.7	2.5	3.1	7.5	12	21	40	65
		1997	54	19.0	3.2	50.6	12.27	1.67	64.6	4.5	6	8.4	15.5	30	37	40
		1998	37	26.5	5	108	18.75	3.08	70.7	5	8.5	14	23	33	48	58
		1999	24	20.2	5	45	11.41	2.33	56.6	5.3	7.1	8.55	21.5	29	34	34
		2000	24	18	3.3	55	13.19	2.69	73.3	4.3	5	6	18.5	25.5	31	40
		2001	225	18.3	1.9	262	31.72	2.11	173.1	3.4	4.1	5.8	11	18	31	45
Lake Borgne Canal (Violet Canal)	Lake Borgne Canal (Violet Canal)	1972	3	30	10	55	22.91	13.23	76.4	10	10	10	25	55	55	55
		1973	25	38.3	0	115	28.94	5.79	75.6	5	10	20	30	50	85	108
Lake Fortuna	Lake Fortuna	1976	2	6.5	6	7	0.71	0.5	10.9	6	6	6	6.5	7	7	7
		1978	12	8.1	2	30	7.49	2.16	92.6	2	2	3.5	7	9	10	30
		1979	10	12.6	2	40	11.63	3.68	92.3	2	3	5	7	20	30	40
		1980	10	4.5	2	7	1.58	0.5	35.1	2	2.5	3	4.5	6	6.5	7
		1981	1	4	4	4										
MONTE SANO BAYOU TO HEAD OF PASSES	MONTE SANO BAYOU TO HEAD OF PASSES	1969	2	26	25.5	26.5	0.71	0.5	2.7	25.5	25.5	25.5	26	26.5	26.5	26.5
		1970	4	33.9	9	66.5	25.12	12.56	74.2	9	9	14.75	30	53	66.5	66.5
		1971	29	41.3	2	270	72.07	13.38	174.3	5	5	10	20	29	220	250
		1972	40	47.8	2	169	35.51	5.61	74.3	4.5	13	16.5	37.5	67.5	95	100
		1973	38	83.6	5	360	70.68	11.47	84.5	7	15	30	85	100	145	240
		1974	47	56.4	5	180	46.10	6.72	81.7	8	9	13	45	85	120	140
		1975	78	50.8	2	180	33.01	3.74	64.9	6	15	30	45	65	86	120
		1976	93	47.3	1	120	33.13	3.44	70.0	2	5	16	50	70	95	110
		1977	63	42.6	7	110	26.61	3.35	62.5	15	15	20	32	65	80	90
		1978	68	51.2	1.5	150	37.50	4.55	73.3	7.1	9	16	47.5	70	110	130
		1979	64	73.7	8	240	55.53	6.94	75.3	15	16	33	65	94.5	135	230
		1980	52	37.8	3.2	120	25.26	3.50	66.8	7	10	20	35	50	70	85
		1981	51	46.4	1.4	200	50.41	7.06	108.6	3.3	6	10	20	70	120	160
		1982	46	76.5	8.4	150	39.95	5.89	52.2	11	16	55	77	100	140	140
		1983	46	70.6	1.3	280	63.30	9.33	89.7	3	4	27	56.5	90	150	220
		1984	44	79.3	3	228	61.32	9.24	77.4	5	9	25	68.5	109	170	200
		1985	46	78.1	1	240	63.13	9.31	80.8	4	5	21	67	108	170	216
		1986	46	69.5	4	217	49.79	7.34	71.7	14	20	37	62	83	140	180
		1987	47	40.0	1.1	150	33.19	4.84	83.0	3.7	7.5	16	30	50	100	111
		1988	59	30.6	0.5	140	40.59	5.28	132.5	1.8	2.5	3.4	5.4	55	100	120
		1989	42	45.7	1.4	140	31.96	4.93	70.0	5.2	8.3	16	48	65	85	93
		1990	39	57.4	4.7	252	55.34	8.86	96.4	4.8	9.5	15	45	82	120	234
		1991	35	51.2	2	120	33.86	5.72	66.2	2.1	3.4	18	50	80	88	110
		1992	31	47.8	7.5	130	27.59	4.96	57.7	9	14	27	45	66	78	88
		1993	34	56.0	23	110	20.55	3.52	36.7	25	31	45	52	65	85	100
		1994	32	30.6	1.5	95	20.69	3.66	67.6	3.5	4.9	10.8	32.5	39.5	50	70
		1995	22	31.4	2	74	23.05	4.91	73.4	2	4	12	32.5	43	69	70
		1996	17	55.8	4	130	38.06	9.23	68.3	4	8.8	32	42	98	110	130

Attachment E: Turbidity - Unfiltered
Summary Table by State, HUC 12 and Year
units: NTU

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	MONTE SANO BAYOU TO HEAD OF PASSES	1997	15	30.9	2.9	99	28.58	7.38	92.6	2.9	5	8.8	19	50	75	75
		1998	10	57.3	1.9	118	36.75	11.62	64.1	1.9	3.5	40	56.5	75	109	118
		1999	4	10.4	1.7	24	9.83	4.92	94.3	1.7	1.7	3.4	8	17.5	24	24
	Mississippi River Gulf Outlet	1978	12	11.1	2	35	11.67	3.37	105.3	2	3	4	7	11.5	35	35
		1979	10	12.8	3	45	13.96	4.41	109.1	3	3.5	4	6.5	15	37.5	45
		1980	11	5.1	2	10	2.26	0.68	44.3	2	3	3	5	6	7	10
		1981	1	5	5	5										
	Mississippi River Passes	1975	30	25.4	4	65	18.08	3.30	71.1	5	6.5	10	22.5	35	52.5	65
		1976	43	37.2	4	120	31.46	4.80	84.6	4	5	9	30	60	75	90
		1977	24	35.3	4	95	29.13	5.95	82.6	5	7	15	20	62.5	80	90
		1978	24	28.2	5	85	25.02	5.11	88.8	5	5	8	20	45	70	70
		1979	20	80.2	4	200	69.71	15.59	87.0	5.5	8.5	16	65	145	180	190
		1980	23	30.8	3	85	28.16	5.87	91.4	3	4	9	20	45	80	85
		1981	2	5.5	5	6	0.71	0.5	12.9	5	5	5	5.5	6	6	6
		2001	16	397.3	128	1897	446.54	111.63	112.4	128	132	153.5	232.8	414.3	908	1897
	New Orleans East leveed waterbodies	1976	4	7.3	2	20	8.62	4.31	118.9	2	2	2	3.5	12.5	20	20
		1991	17	11.4	2	23	7.17	1.74	62.8	2	2.3	4	11	18	22	23
		1992	18	10.9	2	25	8.44	1.99	77.4	2	2.3	3.1	8.5	17	25	25
		1993	17	15.5	1.6	54	13.83	3.36	89.0	1.6	2.8	4.5	14	20	33	54
		1994	18	14.6	1.7	90	22.89	5.39	156.6	1.7	2	3.4	4.15	15	50	90
		1995	15	8.5	2	26	7.34	1.90	86.7	2	2.5	3.8	6.7	11	24	26
		1996	18	5.7	1.5	25	5.93	1.40	104.5	1.5	1.6	2.5	3.2	8	15	25
		1997	18	15.6	2.5	51	16.39	3.86	105.4	2.5	3.9	5	8.4	18	50	51
		1998	8	34.8	3.2	140	44.63	15.78	128.3	3.2	3.2	9.5	20	38	140	140
		2001	34	11.1	1.8	80	14.12	2.42	126.9	2.5	3.2	4	6.6	13	18	38
		Octave Pass and Main Pass	2001	4	2598.8	287	4129	1746.52	873.26	67.2	287	287	1257.5	2989.5	3940	4129
	RIVER AUX CHENES (OAK RIVER)	1969	3	31.7	26.5	39.5	6.90	3.98	21.8	26.5	26.5	26.5	29	39.5	39.5	39.5
		1970	23	34.8	11.5	94.5	19.21	4.01	55.1	15.5	18	21.5	30.5	45	46	74
		1971	12	47.0	24	102	21.99	6.35	46.8	24	28	34.4	39.3	51.5	76	102
		1972	10	48.7	24	153	37.34	11.81	76.7	24	27.3	31.5	39.5	45	99	153
		1973	18	37.9	11.5	77	21.94	5.17	57.9	11.5	12.5	19.5	31.5	57.5	75.5	77
		1974	39	44.2	18	84.5	19.47	3.12	44.1	19.5	19.5	29	39.5	59	74	81.5
		1975	36	35.9	8	158	30.57	5.09	85.1	8	10	16.3	31	43.5	59	126
		1976	14	63.5	34	152	33.60	8.98	52.9	34	34	38	56.8	71	112	152
	River Aux Chenes (Oak River)	2001	12	10.9	5.9	19	3.48	1.00	31.8	5.9	7.3	8.7	11	11.5	15	19
	The Rigolets	1975	12	10.7	4	35	8.22	2.37	77.0	4	5	6	9.5	10	15	35
	The Rigolets	1980	2	4	2	6	2.83	2	70.7	2	2	2	4	6	6	6
	Tiger, Red, Grand, and Tante Phine Passes	1977	4	25	25	25	0	0	0.0	25	25	25	25	25	25	25

Attachment E: Turbidity - Unfiltered
Summary Table by State, HUC 12 and Year
units: NTU

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Back Bay of Biloxi	1972	18	2.7	1	6.4	1.43	0.34	52.7	1	1.2	1.5	2.4	3.3	4.9	6.4
		1974	4	13.3	6	20	7.80	3.90	58.9	6	6	6.5	13.5	20	20	20
		1975	5	19	10	40	12.45	5.57	65.5	10	10	10	15	20	40	40
		1977	17	5.2	1	15	4.77	1.16	92.2	1	1	1	3	8	15	15
		1997	3	6.7	4	9	2.52	1.45	37.7	4	4	4	7	9	9	9
	Bayou Cumbest	1972	30	7.8	2.2	18	3.66	0.67	47.1	2.5	4.4	5.7	7	9.5	13.5	15
	Bayou Talla - Jourdan River	1972	2	7.5	5	10	3.54	2.5	47.1	5	5	5	7.5	10	10	10
		1973	1	9	9	9										
		1975	4	13.2	7.9	24	7.39	3.69	55.9	7.9	7.9	8.45	10.5	18	24	24
		1976	12	13.3	7	24	4.41	1.27	33.1	7	8.5	10.3	13.5	15	16	24
		1977	9	10.3	1	17	5.82	1.94	56.7	1	1	8.7	10.2	16	17	17
	Black Creek Swamp - Pascagoula River	1972	5	8.6	4	12	2.97	1.33	34.6	4	4	7.8	9.5	9.7	12	12
	Cunningham Branch - Escatawpa River	1972	21	3.0	1.4	5	0.83	0.18	28.2	2	2.1	2.3	2.9	3.4	4	4.1
	Cutoff Bayou - Jourdan River	1972	6	2.0	1	3	0.76	0.31	37.2	1	1	1.4	2.05	2.7	3	3
		1977	16	1.2	1	2	0.40	0.10	33.9	1	1	1	1	1	2	2
	East Mississippi Sound	1972	40	11.1	0.7	56	12.01	1.90	108.2	1.6	2.15	3.4	6.5	13.5	27	36.5
		1993	1	1.1	1.1	1.1										
	Flat Branch - Bayou Bernard	1966	2	64.5	32	97	45.96	32.5	71.3	32	32	32	64.5	97	97	97
	Flat Branch - Turkey Creek	1972	44	4.3	0.5	47	9.63	1.45	224.9	0.5	0.6	1	1.7	3.0	7.5	8.8
		1977	4	8	2	25	11.34	5.67	141.8	2	2	2	2.5	14	25	25
		1991	10	14.5	6	26	6.81	2.15	47.0	6	7.3	9	13.7	18	25.5	26
		1992	12	9.3	2	16	4.59	1.33	49.5	2	3.9	5	9.6	13.6	13.9	16
		1996	1	5	5	5										
		1997	7	13.9	8	32	8.19	3.10	59.1	8	8	10	11	14	32	32
	Horse Creek - Biloxi River	1966	1	90	90	90										
	Lower Bayou la Croix	1977	2	1	1	1	0	0	0.0	1	1	1	1	1	1	1
	Mikes River	1966	4	49.5	30	84	25.63	12.82	51.8	30	30	30	42	69	84	84
	Old Fort Bayou	1977	2	3.5	3	4	0.71	0.5	20.2	3	3	3	3.5	4	4	4
		1997	1	12	12	12										
	Old Fort Bayou - Biloxi Bay	1972	14	3.9	0.8	8.6	2.28	0.61	58.8	0.8	1.8	2.6	3.2	5.5	7.5	8.6
		1974	4	9	5	20	7.35	3.67	81.6	5	5	5	5.5	13	20	20
		1975	5	9.2	4	25	8.87	3.97	96.4	4	4	5	6	6	25	25
		1977	12	6	1	15	3.28	0.95	54.6	1	4	4.5	6	6.5	7	15
	Parker Creek - Tchoutacabouffa River	1966	1	30	30	30										
	Polar Branch - Wolf River	1976	1	5	5	5										
		1978	12	27	2	250	70.35	20.31	260.6	2	3	4	5.5	11.5	15	250
		1979	12	6.3	2	15	3.55	1.02	56.7	2	3	4	5.5	7.5	10	15
		1980	10	3.8	2	6.3	1.48	0.47	39.4	2	2	2.5	3.8	5	5.7	6.3
		1981	6	3.8	1.6	11	3.58	1.46	94.7	1.6	1.6	1.7	2.7	3.1	11	11
		1982	6	4.9	1.7	11	3.81	1.55	78.5	1.7	1.7	1.8	3.6	7.4	11	11
		1983	4	6.5	2	16	6.41	3.21	98.3	2	2	2.7	4.1	10.4	16	16
		1984	4	10.9	1.4	20	10.51	5.26	96.4	1.4	1.4	1.8	11.1	20	20	20

Attachment E: Turbidity - Unfiltered
Summary Table by State, HUC 12 and Year
units: NTU

STATE	HUC12_NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Polar Branch - Wolf River	1985	4	4.6	2.5	7.5	2.17	1.09	47.0	2.5	2.5	3	4.3	6.3	7.5	7.5
		1986	3	2.9	2	3.5	0.79	0.46	27.4	2	2	2	3.2	3.5	3.5	3.5
	UNKNOWN TRIBUTARY	1972	23	3.0	1	9.4	1.70	0.36	57.3	1.2	1.5	1.6	2.7	3.5	4.3	4.5
		1974	4	11.8	3	20	9.54	4.77	81.1	3	3	3.5	12	20	20	20
		1975	9	15.1	3.7	35	9.69	3.23	64.3	3.7	3.7	10	13	15	35	35
		1976	12	12.0	5	22	5.70	1.65	47.6	5	6	7.4	10.5	17.5	19	22
		1977	14	20.6	1	72	27.32	7.30	132.8	1	1	1	4	32	68	72
		1980	1	800	800	800										
		1991	2	43.5	20	67	33.23	23.5	76.4	20	20	20	43.5	67	67	67
		1992	6	9.8	1.6	15.2	5.86	2.39	59.9	1.6	1.6	4	11.5	15	15.2	15.2
		1993	6	13.9	8.2	23.6	5.17	2.11	37.3	8.2	8.2	11.9	12.7	14	23.6	23.6
MS	West Mississippi Sound	1972	17	9.5	1.4	58	12.73	3.09	133.3	1.4	2.2	5	7.2	8	11	58
		1973	23	47.4	5	100	25.09	5.23	52.9	10	10	30	50	62	70	93
	West Pascagoula River - East Pascagoula River	1965	1	0	0	0				0	0	0	0	0	0	0
		1972	56	5.9	0.9	30	6.15	0.82	103.5	1	1.9	2.6	4	5.8	13	19
		1974	4	11	4	20	6.63	3.32	60.3	4	4	7	10	15	20	20
		1975	9	10.6	4	30	8.42	2.81	79.8	4	4	5	6.1	15	30	30
		1976	12	17.5	5	41	12.09	3.49	69.2	5	7.2	8.7	13	22	40	41
		1977	14	12.9	2	50	12.20	3.26	95.0	2	2	6	9.1	18	20	50
		1978	1	5	5	5				5	5	5	5	5	5	5
		1982	1	4.1	4.1	4.1				4.1	4.1	4.1	4.1	4.1	4.1	4.1
		1983	1	1	1	1				1	1	1	1	1	1	1
		1984	1	0.8	0.8	0.8				0.8	0.8	0.8	0.8	0.8	0.8	0.8
		1985	1	3	3	3				3	3	3	3	3	3	3
		1986	1	5.5	5.5	5.5				5.5	5.5	5.5	5.5	5.5	5.5	5.5
		1987	1	2.9	2.9	2.9				2.9	2.9	2.9	2.9	2.9	2.9	2.9
		1988	1	1.5	1.5	1.5				1.5	1.5	1.5	1.5	1.5	1.5	1.5
		1989	1	7.6	7.6	7.6				7.6	7.6	7.6	7.6	7.6	7.6	7.6
		1990	1	3.6	3.6	3.6				3.6	3.6	3.6	3.6	3.6	3.6	3.6
		1991	1	6.6	6.6	6.6				6.6	6.6	6.6	6.6	6.6	6.6	6.6
		1992	2	5.4	4.8	5.9		0.78	0.55	14.5	4.8	4.8	4.8	5.35	5.9	5.9
		1993	1	5.3	5.3	5.3				5.3	5.3	5.3	5.3	5.3	5.3	5.3
		1994	1	9.4	9.4	9.4				9.4	9.4	9.4	9.4	9.4	9.4	9.4
		1995	1	4	4	4				4	4	4	4	4	4	4
		1996	1	6	6	6				6	6	6	6	6	6	6
		1997	1	1.6	1.6	1.6				1.6	1.6	1.6	1.6	1.6	1.6	1.6
	West Pearl River - Pearl River	1966	2	29	28	30	1.41	1	4.9	28	28	28	29	30	30	30

Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Barrow Creek	1966	28	13.36	11	17	1.75	0.33	13.1	11	12	12	13	14	16	17
		1967	25	9.52	8	13	1.36	0.27	14.3	8	8	9	9	10	11	13
	Bayou Sara	1966	6	13.17	10	17	2.56	1.05	19.5	10	10	11	13	15	17	17
		1967	8	13.88	10	18	2.64	0.93	19.0	10	10	11.5	15	15	18	18
		1973	1	17.50	17.5	17.5										
	Big Chippewa Lake	1966	19	13.21	11	16	1.62	0.37	12.3	11	11	12	13	14	16	16
		1967	32	9.44	7	13	1.79	0.32	19.0	7	7	8.5	9	10.5	13	13
		1990	31	18.87	16.8	31	3.26	0.59	17.3	17.6	17.7	17.7	17.7	17.8	20	27
		1991	67	24.96	12.5	31.9	6.00	0.73	24.0	13	20.4	20.4	21	31.2	31.2	31.2
		1999	4	18.95	18.9	19	0.06	0.03	0.3	18.9	18.9	18.9	18.95	19	19	19
	Bon Secour Bay	1967	4	17.00	16	18	0.82	0.41	4.8	16	16	16.5	17	17.5	18	18
		1989	50	25.54	11.45	30.39	5.61	0.79	22.0	11.77	13.09	26.16	27.69	28.6	29.64	29.99
		1990	52	19.18	12.7	29.8	4.88	0.68	25.4	12.9	13.18	15.115	18.3	22.2	27.1	27.5
		1991	181	21.93	11.6	31.3	6.49	0.48	29.6	12.3	12.8	15.7	23.5	28.4	29.5	30.1
		1992	182	22.59	7.1	32.5	5.81	0.43	25.7	13.3	14.4	18.1	24.65	27.6	28.8	29.7
		1993	35	21.21	13.2	32	7.29	1.23	34.4	13.2	13.6	14.3	16.9	29.3	30.9	31.7
		1994	44	22.91	8.8	30.88	5.74	0.87	25.1	9.8	13.96	20.25	24.5	27.5	28.1	28.7
		1995	26	22.93	10.8	32.1	7.20	1.41	31.4	10.8	11.1	17.4	26.2	29.4	30.7	31.3
		1997	10	15.29	14.3	17.4	1.17	0.37	7.6	14.3	14.3	14.4	15	15.5	17.35	17.4
		1998	100	21.71	10.6	30.2	5.64	0.56	26.0	11.05	14.75	16.75	22.7	25.7	29.1	29.95
		1999	94	22.45	14.8	30.2	4.97	0.51	22.1	15.3	15.8	18.3	20.75	27.7	29.4	29.5
	Bon Secour River	1988	8	15.75	14	20	1.98	0.70	12.6	14	14	14.5	15	16.5	20	20
		1989	89	25.67	14	34	5.71	0.61	22.2	16	16	21	28	30	32	32
		1990	88	26.05	11	32	5.51	0.59	21.2	16	19	21.5	28	31	32	32
		1991	65	27.75	19	33	4.07	0.50	14.7	20	21	25	29	31	31	32
		1992	93	25.56	13	32	5.22	0.54	20.4	15	16	22	27	30	31	31
		1993	142	27.24	11	32	4.83	0.41	17.7	16	21	25	29	31	31	32
		1994	6	22.85	21.8	25	1.19	0.49	5.2	21.8	21.8	22	22.45	23.4	25	25
	Eightmile Creek	1968	2	15.00	14	16	1.41	1	9.4	14	14	14	15	16	16	16
	Fly Creek	1994	4	22.55	22.2	22.8	0.25	0.13	1.1	22.2	22.2	22.4	22.6	22.7	22.8	22.8
		2003	28	28.68	25.4	31.1	1.60	0.30	5.6	25.5	26.2	28	28.5	29.8	31	31.1
	Fowl River	2003	11	28.31	26.3	30.5	1.38	0.42	4.9	26.3	26.6	26.7	28.4	29.5	29.7	30.5
	Grand Bay	1966	21	14.05	10	17	2.27	0.50	16.2	11	12	12	14	17	17	17
		1967	39	11.05	8	18	2.82	0.45	25.5	8	8	9	10	12	16	17
		1973	117	28.22	26.5	30	0.57	0.05	2.0	27	27.5	28	28.5	28.5	29	29
		1976	20	21.00	7.78	30	6.18	1.38	29.4	9.72	11.68	16.94	22.21	25.55	28.89	29.45
		1977	4	9.58	6.11	11.111111	2.37	1.19	24.8	6.11	6.11	8.055	10.55	11.11	11.11	11.11
		1980	2	30.50	30.5	30.5	0	0	0	30.5	30.5	30.5	30.5	30.5	30.5	30.5
		1990	16	25.11	23.9	27.4	0.79	0.20	3.2	23.9	24.6	24.7	24.9	25.4	26.2	27.4
		1999	2	20.50	20.5	20.5	0	0	0	20.5	20.5	20.5	20.5	20.5	20.5	20.5
		2000	2	29.20	29.2	29.2	0	0	0	29.2	29.2	29.2	29.2	29.2	29.2	29.2
	Grand Bay Swamp	1966	6	14.67	11	17	2.42	0.99	16.5	11	11	13	15	17	17	17
		1967	8	15.25	10	20	3.45	1.22	22.6	10	10	12.5	16	17.5	20	20
	Gum Swamp	2003	8	27.66	23	32.1	2.90	1.03	10.5	23	23	25.65	27.75	29.7	32.1	32.1
	Halls Creek	1994	1	23.50	23.5	23.5										
	Little Lagoon	1992	5	22.78	21.8	23.6	0.76	0.34	3.3	21.8	21.8	22.2	23	23.3	23.6	23.6
		1999	3	21.87	17.4	25.9	4.27	2.46	19.5	17.4	17.4	22.3	25.9	25.9	25.9	25.9
		2000	24	25.88	12.6	29.5	4.08	0.83	15.8	17.2	20.5	24.5	27.8	28.2	28.9	29
	Lower Cedar Creek	1954	1	29.00	29	29										
		1963	2	17.50	9	26	12.02	8.5	68.7	9	9	9	17.5	26	26	26
		1966	4	12.00	10	13	1.41	0.71	11.8	10	10	11	12.5	13	13	13
		1967	7	11.57	7	17	3.64	1.38	31.5	7	7	9	11	16	17	17
		1968	7	21.14	11	29	6.39	2.41	30.2	11	11	15	23	27	29	29
		1969	10	18.90	8	29	7.50	2.37	39.7	8	10.5	13	18	27	28	29
		1970	6	20.50	13	23	3.99	1.63	19.5	13	13	19	22.5	23	23	23
		1971	3	21.00	14	25	6.08	3.51	29.0	14	14	14	24	25	25	25
		1972	1	18.00	18	18										
		1973	1	23.00	23	23										
		1974	1	9.50	9.5	9.5										

Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Lower Chasaw Creek	1973	76	28.03	23	34	2.43	0.28	8.7	25	25	26.5	27	30	32	32.5
		1990	63	24.56	23.1	27	0.80	0.10	3.3	23.4	23.7	23.8	24.5	25.1	25.5	25.6
	Lower Dog River	1966	6	14.17	10	17	2.48	1.01	17.5	10	10	13	14.5	16	17	17
		1967	8	14.63	10	18	3.16	1.12	21.6	10	10	11.5	16	17	18	18
		2000	10	27.70	10.9	32.6	6.46	2.04	23.3	10.9	17.35	27	30.05	31.6	32.3	32.6
		2001	32	26.33	10.5	32.1	5.45	0.96	20.7	11.3	19	25.35	28.55	30	30.7	31.1
		2002	35	24.68	7	31.3	6.42	1.09	26.0	7.4	14.4	22	27.7	28.8	29.9	30.7
		2003	24	25.10	12	30	4.79	0.98	19.1	13.6	15.1	24.65	26.55	28.15	28.9	28.9
	Lower Fish River	1966	12	15.17	13	19	2.21	0.64	14.6	13	13	15	16.5	19	19	19
		1967	17	15.65	10	22	3.32	0.80	21.2	10	11	14	15	18	20	22
		1990	132	19.22	12.1	24	2.94	0.26	15.3	13.1	13.6	18.4	19.8	21.1	22.5	22.8
		1991	461	23.30	10.7	33.6	5.91	0.28	25.4	14	15.5	17.25	24	28.8	30.5	31.1
		1992	118	22.29	10.5	31.2	6.96	0.64	31.2	11	11.8	15.7	24.35	28.4	30	30.6
		1993	2	16.40	11.8	21	6.51	4.6	39.7	11.8	11.8	11.8	16.4	21	21	21
		1994	2	19.95	19.7	20.2	0.35	0.25	1.8	19.7	19.7	19.7	19.95	20.2	20.2	20.2
		1995	3	16.20	12.9	18	2.86	1.65	17.7	12.9	12.9	12.9	17.7	18	18	18
		1996	194	24.91	14.5	31.7	4.74	0.34	19.0	16.4	17.5	20.9	26.25	28.9	30.2	30.7
		1997	250	22.60	7.8	31.2	5.82	0.37	25.7	11.8	13.45	17.5	24.75	27.3	28.7	29.7
		1998	118	22.02	14.2	31.6	5.98	0.55	27.1	14.4	14.6	16.4	20.4	28.1	30.4	30.6
		1999	94	24.21	12.8	32	6.02	0.62	24.8	13.1	14	21.2	26.1	28.6	30.6	31.5
	Lower Mobile Bay	1989	27	25.12	11.65	30.54	6.10	1.17	24.3	12.11	12.15	25.7	27.5	28.13	30.32	30.35
		1990	50	18.52	11.9	29.9	5.28	0.75	28.5	11.9	12.1	14.9	17.65	19	28.1	28.4
		1991	83	21.51	10.7	31.5	6.86	0.75	31.9	12.1	12.6	15	23	28.9	29.8	30.2
		1992	88	22.02	7.5	31.5	6.49	0.69	29.5	8.5	15	16.6	22.15	27.8	29.5	30.6
		1993	33	20.98	12.7	31.5	7.14	1.24	34.0	12.8	13	14.2	18.7	27.5	31.1	31.3
		1994	53	22.63	7.8	30.1	5.97	0.82	26.4	8.8	12.99	20.2	24.6	27.75	28.6	29.5
		1995	27	23.64	11.2	31.2	6.81	1.31	28.8	11.4	11.9	17.2	26.2	29.5	30.5	30.8
		1997	6	14.87	14	17.7	1.41	0.57	9.5	14	14	14.1	14.4	14.6	17.7	17.7
		1998	69	21.77	10.7	30.4	6.09	0.73	28.0	11.2	14.5	15.7	22.8	27.7	29.8	30
		1999	60	22.59	14.6	30.2	4.93	0.64	21.8	15.25	16.2	18.65	20.9	27.05	29.45	29.95
	Magnolia River	1966	6	16.33	14	18	1.63	0.67	10.0	14	14	15	16.5	18	18	18
		1967	9	15.89	13	21	2.47	0.82	15.6	13	13	14	15	17	21	21
		1990	6	19.80	14.4	22.8	3.00	1.23	15.2	14.4	14.4	19.3	20	22.3	22.8	22.8
		1991	20	22.74	13.8	30.3	5.65	1.26	24.8	14.3	15.3	16.9	23.5	27.7	29.35	30.15
		1992	8	22.28	11.4	30.8	7.68	2.72	34.5	11.4	11.4	14.6	24.8	28.6	30.8	30.8
		1994	7	21.83	15.2	27.3	4.27	1.61	19.6	15.2	15.2	19.7	21.8	27	27.3	27.3
		1995	10	19.99	12.8	24.2	3.78	1.20	18.9	12.8	13.9	17.6	21.5	22.7	23.65	24.2
		1996	2	18.30	17.5	19.1	1.13	0.8	6.2	17.5	17.5	17.5	18.3	19.1	19.1	19.1
		1999	2	21.75	16	27.5	8.13	5.75	37.4	16	16	16	21.75	27.5	27.5	27.5
		2000	3	19.17	16.5	23.5	3.79	2.19	19.8	16.5	16.5	16.5	17.5	23.5	23.5	23.5
	Majors Creek	1994	3	16.37	9.6	23	6.70	3.87	40.9	9.6	9.6	9.6	16.5	23	23	23
		1995	11	19.05	7.4	25.9	6.51	1.96	34.2	7.4	10.9	11.1	22.2	24.3	24.6	25.9
		1996	2	14.35	14.2	14.5	0.21	0.15	1.5	14.2	14.2	14.2	14.35	14.5	14.5	14.5
	Meekers Creek	1963	1	9.00	9	9	4.16	2.40	33.8	9	9	9	11	17	17	17
		1967	3	12.33	9	17	5.44	1.64	29.8	9	12	13	19	24	24	24
		1968	11	18.27	9	24	7.05	1.96	42.7	8	8	11	13	24	24	27
		1969	13	16.54	8	27	6.50	1.88	39.2	4	10	12	16.5	22.5	24	25
		1970	12	16.58	4	25	5.44	1.57	31.0	8	11	13	18.25	22.25	24	24.5
		1971	12	17.54	8	24.5	4.29	1.75	27.0	10	10	11.5	17	19	21	21
		1972	6	15.92	10	21	5.66	4	31.4	14	14	14	18	22	22	22
		1973	2	18.00	14	22										
	Middle Fish River	1994	2	20.70	20.4	21	0.42	0.3	2.0	20.4	20.4	20.4	20.7	21	21	21
	Middle Mobile Bay	1966	5	11.60	11	13	0.89	0.4	7.7	11	11	11	11	12	13	13
		1967	44	10.27	8	14	1.82	0.27	17.7	8	8	9	10	12	13	14
		1989	44	24.83	11.26	31.08	6.23	0.94	25.1	11.71	12.3	25.78	26.675	28.35	30.36	30.46
		1990	42	21.22	12.68	29.9	6.48	1.00	30.5	12.94	13.27	15.65	18.25	28.2	29.2	29.3
		1991	64	20.53	12	30.8	6.30	0.79	30.7	12.8	13.2	14.95	19.65	25.9	29.4	30.4
		1992	92	22.25	7.6	31.7	6.27	0.65	28.2	9.1	15.6	16.85	22.85	27.55	29.3	30.7
		1993	32	21.67	12.4	32.8	7.49	1.32	34.6	12.5	13.3	14.4	21.25	29.75	30.6	31.3

Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Middle Mobile Bay	1994	49	22.71	7.6	30.4	6.33	0.90	27.9	8	12.33	20.02	25.1	27.7	29.5	29.8
		1995	28	23.74	11.6	31	6.70	1.27	28.2	11.8	12.1	17.35	26.25	29.25	30.1	30.8
		1997	9	15.64	14.4	18	1.31	0.44	8.4	14.4	14.4	14.8	15.1	15.7	18	18
		1998	92	21.63	10.6	30.9	6.23	0.65	28.8	11	14.6	16.35	22.95	28.35	29.9	30.3
		1999	78	21.45	14.8	29.7	4.59	0.52	21.4	15.1	15.2	17.6	20.55	25.4	29	29.1
		2000	10	24.61	11	30.7	6.99	2.21	28.4	11	12.1	23.6	27.5	29.2	30.3	30.7
		2001	35	24.92	7.6	30.9	5.36	0.91	21.5	10	17.6	23	26.8	28.2	29	30.7
		2002	38	25.39	8.9	31.7	6.23	1.01	24.5	9.5	15.2	21.2	28.05	29.9	31.1	31.5
		2003	38	27.15	13.3	32	4.29	0.70	15.8	14.4	21.9	26.1	28.2	29.4	31.3	31.6
		1966	6	14.33	11	17	2.34	0.95	16.3	11	11	13	14.5	16	17	17
	Mississippi Sound	1967	8	14.75	10	20	3.88	1.37	26.3	10	10	10.5	16	17.5	20	20
		1987	2	14.50	12	17	3.54	2.5	24.4	12	12	12	14.5	17	17	17
		1988	21	21.29	9	30	5.60	1.22	26.3	12	13	20	20	25	29	30
		1989	51	21.94	8	29	5.74	0.80	26.2	13	14	15	22	28	28	29
		1990	27	18.51	11.5	31	5.88	1.13	31.8	11.5	11.5	16	17.6	18.4	30	31
		1991	45	23.62	11.7	31.8	6.69	1.00	28.3	11.9	13.3	16.1	24.7	29.4	30.8	31.7
		1992	31	21.81	13.8	30	5.14	0.92	23.5	14.5	14.7	18	22.8	26.4	27.6	29.9
		1993	2	17.65	13.2	22.1	6.29	4.45	35.7	13.2	13.2	13.2	17.65	22.1	22.1	22.1
		1998	66	22.43	12	30.6	6.21	0.76	27.7	12.3	14.4	15.7	24.3	28.6	29.9	30.2
		1999	60	21.82	14.2	31	5.29	0.68	24.3	14.9	15.85	17.55	19.6	26.5	29.6	30.6
	Mittlin Lake	1966	4	13.50	12	16	1.91	0.96	14.2	12	12	12	13	15	16	16
		1967	8	9.63	8	13	1.69	0.60	17.5	8	8	8.5	9	10.5	13	13
		1974	4	22.25	11	31	8.30	4.15	37.3	11	11	17	23.5	27.5	31	31
		1975	15	19.99	11	30	7.16	1.85	35.8	11	11.1	13	17.8	28	28.9	30
		1977	97	23.78	6	33	7.18	0.73	30.2	10	12	19	26	30	31	32
		1978	92	21.08	6	32	8.51	0.89	40.4	6	7	15	20.5	29	31	31.5
		1979	47	20.51	10	30	5.51	0.80	26.9	12	14	17	19	26	30	30
		1980	60	18.52	10	32	5.92	0.76	32.0	13	13	14	16.5	24	29	30
		1981	43	20.93	7	30	7.33	1.12	35.0	9	9	13	24	27	30	30
		1982	44	22.59	10	31	6.53	0.98	28.9	12	14	16.5	23.5	28	30	30
		1983	41	19.56	8	30	6.72	1.05	34.4	9	10	13.5	21	24	29	29
		1984	49	19.16	4	30	6.92	0.99	36.1	8	10	13	20	25	27	28
		1985	23	17.72	5	30	8.58	1.79	48.5	6	7	10	16	28	29	30
		1986	14	27.50	20	32	3.80	1.01	13.8	20	21	24	29	30	31	32
		1987	14	27.64	17	34	5.46	1.46	19.7	17	21	23	30	32	34	34
		1988	19	27.52	18	33	4.39	1.01	16.0	18	21.06	25.06	28.9	32.17	32.2	33
		1989	13	26.00	18	33	4.69	1.30	18.0	18	18	24	28	29	30	33
		1990	14	28.21	20	32	4.14	1.11	14.7	20	22	25	30	32	32	32
		1991	14	25.43	7	32	6.05	1.62	23.8	7	21	25	28	28	30	32
		1992	14	25.64	15	31	4.80	1.28	18.7	15	19	24	27	29	30	31
		1993	14	25.93	19	31	4.21	1.13	16.3	19	19	22	28	29	31	31
		1994	14	26.14	20	31	3.13	0.84	12.0	20	23	23	27	28	30	31
		1995	14	26.86	15	35	5.93	1.59	22.1	15	15	24	28	30	32	35
		1996	14	26.93	15	33	5.86	1.57	21.8	15	16	25	27.5	32	33	33
		1997	4	24.25	20	28	3.5	1.75	14.4	20	20	21.5	24.5	27	28	28
	Oyster Bay	2000	1	31.00	31	31										
	Pelican Bay	1989	2	26.20	24.7	27.7	2.12	1.5	8.1	24.7	24.7	24.7	26.2	27.7	27.7	27.7
	Powell Creek	1965	4	25.50	24	26	1	0.5	3.9	24	24	25	26	26	26	26
	Rains Creek	1968	1	13.00	13	13										
		1994	2	23.15	22.9	23.4	0.35	0.25	1.5	22.9	22.9	22.9	23.15	23.4	23.4	23.4
	Seabury Creek	1962	4	18.50	13	26	6.14	3.07	33.2	13	13	13.5	17.5	23.5	26	26
		1963	6	18.00	7	27	7.54	3.08	41.9	7	7	12	19	24	27	27

**Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C**

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Seabury Creek	1971	17	16.09	6	24	5.92	1.44	36.8	6	8.5	11	15	22	24	24
		1972	15	17.87	5.5	27	6.56	1.69	36.7	5.5	6	12.5	19	23	24	27
		1973	17	18.74	8	27	6.22	1.51	33.2	8	9	15	18	24.5	26	27
		1974	11	19.00	8	24.5	5.33	1.61	28.0	8	13	16.5	19	24	24	24.5
		1975	9	18.39	7	25	6.13	2.04	33.4	7	7	15	21	23	25	25
		1976	7	15.50	8	22.5	6.17	2.33	39.8	8	9	9	16	21	22.5	22.5
		1977	10	18.65	7	25	6.01	1.90	32.2	7	9.5	15	19.25	24	25	25
		1978	13	18.31	6.5	25	6.24	1.73	34.1	6.5	9.5	14	19	24.5	25	25
		1979	9	17.67	9	26.5	6.35	2.12	35.9	9	9	12	17	23	26.5	26.5
		1980	11	19.91	11	28	6.01	1.81	30.2	11	13.5	15	19	26	26	28
		1981	8	16.63	7.5	25	6.53	2.31	39.3	7.5	7.5	11.75	17.25	21.25	25	25
		1982	3	17.83	14	23	4.65	2.68	26.1	14	14	14	16.5	23	23	23
		1983	10	18.70	11.5	26	4.74	1.50	25.4	11.5	12.75	15	18.5	22	25.25	26
		1984	7	16.71	5.5	25	6.12	2.31	36.6	5.5	5.5	14	16.5	20.5	25	25
		1985	5	16.40	6.5	25	8.51	3.81	51.9	6.5	6.5	8	21	21.5	25	25
		1986	9	19.56	10	28	6.04	2.01	30.9	10	10	16	17	25	28	28
		1987	8	18.69	9	26	5.73	2.03	30.7	9	9	14.75	19	23.5	26	26
		1988	5	18.70	8	29.5	8.89	3.97	47.5	8	8	12	19	25	29.5	29.5
		1989	5	17.00	6.5	27.5	9.90	4.43	58.2	6.5	6.5	8	16.5	26.5	27.5	27.5
		1990	9	19.11	11.5	25.5	5.23	1.74	27.4	11.5	11.5	16	18	25	25.5	25.5
		1991	7	20.86	15.5	25.5	4.17	1.58	20.0	15.5	15.5	18	19	25	25.5	25.5
		1992	8	18.31	12.5	27.5	5.75	2.03	31.4	12.5	12.5	13.25	17.25	22.75	27.5	27.5
		1993	8	18.94	12	25.5	5.03	1.78	26.6	12	12	14.5	19.25	23.25	25.5	25.5
		1994	7	18.79	8	26	7.15	2.70	38.1	8	8	11	22	26	26	26
		1995	7	19.86	13	25.5	5.04	1.90	25.4	13	13	15	19	25	25.5	25.5
		1996	6	16.58	7	24	6.84	2.79	41.3	7	7	12	17.25	22	24	24
		1997	2	15.75	10	21.5	8.13	5.75	51.6	10	10	10	15.75	21.5	21.5	21.5
		1998	5	26.76	25.8	27.4	0.88	0.39	3.3	25.8	25.8	25.8	27.4	27.4	27.4	27.4
	Skunk Bayou	1990	12	19.28	12.9	22.6	3.04	0.88	15.8	12.9	13.8	18.35	20.3	21.25	21.7	22.6
		1991	40	23.75	13.5	32.5	6.33	1.00	26.6	14	14.9	17.21	24.25	29.6	31.45	31.95
		1992	16	22.28	11.9	30.9	7.35	1.84	33.0	11.9	12	14.55	24.1	28.95	30.5	30.9
		1996	28	26.09	16.4	31.6	5.44	1.03	20.8	16.7	16.8	19.65	28.5	30.25	31.3	31.3
		1997	38	22.80	8.6	29.7	6.33	1.03	27.8	8.8	13.1	17.2	25.45	27.8	29.5	29.6
		1998	20	22.03	14.8	30.6	6.43	1.44	29.2	14.8	15	16.15	19.9	28.65	30.2	30.45
		1999	16	24.48	13	31.8	6.96	1.74	28.4	13	13	18.95	27	29.55	31.5	31.8
Tensaw River-Apalachee River	Tensaw River-Apalachee River	1966	16	15.19	13	19	2.04	0.51	13.4	13	13	13.5	14.5	17	18	19
		1967	51	11.98	9	24	4.00	0.56	33.4	9	9	9	11	12	19	23
		1973	196	28.10	25	34	2.00	0.14	7.1	26	26.5	26.5	27.5	29	32	32.5
		1978	1	23.00	23	23										
		1979	2	16.50	14	19	3.54	2.5	21.4	14	14	14	16.5	19	19	19
		1980	3	29.83	29	31	1.04	0.60	3.5	29	29	29	29.5	31	31	31
		1990	24	24.85	23.8	28.1	0.96	0.20	3.9	23.8	23.8	24.35	24.7	25.2	25.6	26.5
		1994	6	23.77	20.5	26.6	2.55	1.04	10.7	20.5	20.5	21.9	23.55	26.5	26.6	26.6
		1966	10	13.90	11	18	2.02	0.64	14.6	11	11.5	13	13.5	15	17	18
The Basin	The Basin	1967	16	11.94	8	19	3.47	0.87	29.1	8	8	9.5	11	14	19	19
		1968	3	14.00	13	16	1.73	1	12.4	13	13	13	13	16	16	16
		1994	2	24.15	22.2	26.1	2.76	1.95	11.4	22.2	22.2	22.2	24.15	26.1	26.1	26.1
		1966	6	15.50	12	19	2.43	0.99	15.7	12	12	14	15.5	17	19	19
Three Mile Creek	Three Mile Creek	1967	8	15.50	11	20	3.34	1.18	21.5	11	11	13	15	18.5	20	20
		1973	50	28.06	24.5	31.5	1.45	0.20	5.2	25.5	26	27.5	28	29	30	30.5
		1966	6	12.00	10	16	2.28	0.93	19.0	10	10	10	11.5	13	16	16
		1993	1	19.00	19	19										
		1994	4	17.70	12.6	20.6	3.51	1.75	19.8	12.6	12.6	15.6	18.8	19.8	20.6	20.6
Upper Bay Minette Creek	Upper Bay Minette Creek	1995	11	18.71	10.2	24.4	5.12	1.54	27.4	10.2	12.5	13.3	21	22.5	23.1	24.4
		1996	2	16.20	16	16.4	0.28	0.2	1.7	16	16	16	16.2	16.4	16.4	16.4

Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
AL	Upper Cedar Creek	1963	3	9.33	8	11	1.53	0.88	16.4	8	8	8	9	11	11	11
		1967	3	12.00	9	16	3.61	2.08	30.0	9	9	9	11	16	16	16
		1968	10	17.70	9	26	5.89	1.86	33.3	9	10.5	12	18.5	23	25	26
		1969	12	16.50	7	27	6.99	2.02	42.3	7	8	12	13.5	23.5	24	27
		1970	12	17.25	6	25	6.30	1.82	36.5	6	11	12.5	17	23.5	25	25
		1971	17	18.65	7	24	5.22	1.27	28.0	7	12	14	21	23	24	24
		1972	17	16.82	9	24.5	5.42	1.31	32.2	9	9	11	18	21	24	24.5
		1973	4	13.25	12	14	0.96	0.48	7.2	12	12	12.5	13.5	14	14	14
		1974	1	17.00	17	17										
	Upper Dog River	1973	4	26.25	24	28.5	1.94	0.97	7.4	24	24	24.75	26.25	27.75	28.5	28.5
AL	Upper Fish River	1960	2	20.50	17	24	4.95	3.5	24.1	17	17	17	20.5	24	24	24
		1961	3	19.33	19	20	0.58	0.33	3.0	19	19	19	19	20	20	20
		1962	5	15.20	12	21	3.56	1.59	23.4	12	12	13	14	16	21	21
		1963	8	17.00	6	29	7.03	2.49	41.4	6	6	12	18	20.5	29	29
		1964	11	17.82	12	22	3.57	1.08	20.1	12	14	14	17	22	22	22
		1965	12	18.42	14	23	3.42	0.99	18.6	14	14	14.5	19	21.5	22	23
		1966	9	17.11	8	22	4.70	1.57	27.5	8	8	14	18	21	22	22
		1967	8	18.50	13	21	2.83	1	15.3	13	13	17	19	21	21	21
		1968	12	16.75	10	22	4.56	1.31	27.2	10	12	12.5	17	21	22	22
		1969	8	16.88	7	26	5.54	1.96	32.8	7	7	14.5	16.5	20	26	26
		1970	3	20.00	15	26	5.57	3.21	27.8	15	15	15	19	26	26	26
		1971	5	16.40	10.5	22	4.60	2.06	28.1	10.5	10.5	14.5	15	20	22	22
		1972	4	17.25	12.5	20.5	3.48	1.74	20.2	12.5	12.5	14.75	18	19.75	20.5	20.5
		1986	1	16.50	16.5	16.5										
		1987	7	18.79	14	24	3.65	1.38	19.4	14	14	15	19.5	22	24	24
		1988	8	18.88	12.5	24	3.97	1.40	21.0	12.5	12.5	16	19.25	22	24	24
		1989	3	16.67	14	20	3.06	1.76	18.3	14	14	14	16	20	20	20
		1990	1	24.00	24	24										
		1991	1	17.50	17.5	17.5										
		1992	4	18.88	14.5	22	3.25	1.63	17.2	14.5	14.5	16.5	19.5	21.25	22	22
		1993	7	21.64	15	25.5	4.23	1.60	19.5	15	15	18	24	25	25.5	25.5
		1994	8	20.33	19	21.9	1.01	0.36	4.9	19	19	19.7	20	21.15	21.9	21.9
		1995	12	18.91	11	24	4.64	1.34	24.6	11	11.1	16.35	19.35	23.15	23.5	24
		1996	5	17.74	14.2	22	2.83	1.27	16.0	14.2	14.2	16.6	17.9	18	22	22
		1997	5	18.90	13	23.5	4.32	1.93	22.9	13	13	16.5	19	22.5	23.5	23.5
		1998	5	20.70	17	22.5	2.25	1.01	10.9	17	17	20.5	21	22.5	22.5	22.5
		1999	6	18.83	16	23.5	3.37	1.38	17.9	16	16	16	17.5	22.5	23.5	23.5
		2000	3	18.33	16	22.5	3.62	2.09	19.7	16	16	16	16.5	22.5	22.5	22.5
	Upper Mobile Bay	1966	17	13.59	11	18	2.06	0.50	15.2	11	11	12	13	15	17	18
	1967	57	10.98	8	20	2.61	0.35	23.7	8	8	9	11	12	14	15	
	1973	24	27.10	25.5	29	0.91	0.19	3.4	26	26.5	26.5	27	28	28.5	28.5	
	1989	48	25.71	12.02	31.31	5.74	0.83	22.3	12.6	12.65	25.6	27.00	29.17	31.11	31.19	
	1990	46	21.64	12.83	29.8	6.70	0.99	31.0	12.9	12.91	15.17	18.85	28.7	29.3	29.3	
	1991	77	20.97	12.4	31.7	6.51	0.74	31.0	13.2	13.7	14.7	21.8	27.2	30.7	31.1	
	1992	108	22.38	8.9	32.3	6.63	0.64	29.6	9.5	14.2	16.7	22.6	28	30.4	31.8	
	1993	34	20.99	12	32.5	7.80	1.34	37.2	12.1	12.4	12.9	17.6	29.6	30.4	32	
	1994	43	22.82	7.5	32.1	6.27	0.96	27.5	8.8	13.05	19.77	24.8	27.93	29	29.7	
	1995	24	23.55	10.5	30.6	6.83	1.40	29.0	12.2	12.8	16.9	25.9	29.3	30.3	30.6	
	1997	11	15.90	14.6	18.1	1.22	0.37	7.7	14.6	14.9	15	15.6	16.7	18	18.1	
	1998	97	21.51	10.6	31.8	6.47	0.66	30.1	10.8	14	16.1	22.2	29	30.2	31	
	1999	80	21.45	14.5	29.4	4.75	0.53	22.1	14.9	15.1	17.3	20.85	25.5	28.7	29	
	Yancey Branch	2000	8	27.96	23	30.6	2.62	0.93	9.4	23	23	26.45	28.65	29.95	30.6	30.6
	2001	34	24.60	7.9	31	5.69	0.98	23.1	10	16.6	22.9	26.5	28.2	29.1	30.6	
	2002	40	24.08	7.7	32.3	6.90	1.09	28.7	11.1	14.15	19.75	26.8	29.25	31.55	32.25	
	2003	29	25.45	13	31.2	4.45	0.83	17.5	14.6	15	24.7	26.1	27.9	29.9	31.2	

Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95	
LA	BAYS GARDENE, BLACK, AMERICAN AND CRABE	1970	5	24.67	23.3	28.3	2.06	0.92	8.4	23.33	23.33	23.89	23.89	23.89	28.33	28.33	
		1971	16	20.83	8.3	27.8	7.53	1.88	36.1	8.33	8.89	15.28	22.78	26.67	27.22	27.78	
		1972	12	22.87	15.6	28.9	5.35	1.54	23.4	15.56	16.67	16.67	23.33	28.89	28.89	28.89	
		1973	8	12.78	6.7	17.8	4.42	1.56	34.6	6.67	6.67	9.44	12.78	16.67	17.78	17.78	
		1974	19	23.98	10.6	30	6.52	1.50	27.2	10.56	11.11	22.78	26.67	30	30	30	
		1975	18	17.16	12.2	25.6	5.03	1.18	29.3	12.22	12.22	17.78	20	25.56	25.56	25.56	
	Bayou Sauvage	1975	7	21.14	17.5	24	2.73	1.03	12.9	17.5	17.5	18.5	21	24	24	24	
		1978	10	22.84	12	31.5	6.63	2.10	29.0	12	12.5	20.7	22.5	28.3	30.5	31.5	
		1979	12	20.58	7.5	30.5	7.90	2.28	38.4	7.5	9	14.5	22.95	27	29.5	30.5	
		1980	11	20.59	8.5	32	7.13	2.15	34.6	8.5	15	15	19	27	29	32	
		1981	12	21.21	7	30	7.86	2.27	37.1	7	12	14	23.25	28.25	30	30	
		1982	12	20.09	6	30	8.47	2.44	42.1	6	11.7	12.55	21.3	28.15	30	30	
		1983	12	20.87	10.8	28.6	6.01	1.73	28.8	10.8	14.5	15.4	21.75	26.5	27.6	28.6	
		1984	12	20.78	9	34.6	7.66	2.21	36.9	9	13.2	14	20.9	26.9	27.2	34.6	
		1985	12	21.53	7.2	29.3	7.63	2.20	35.4	7.2	8.7	17.1	23.95	27.65	28.6	29.3	
		1986	12	21.48	8.9	29.8	6.73	1.94	31.4	8.9	13.5	16.35	21.65	27.2	28.9	29.8	
		1987	12	21.27	10.4	29.8	6.97	2.01	32.8	10.4	13.7	15.15	20.7	28.25	29.5	29.8	
		1988	11	18.98	7.8	28.5	7.81	2.36	41.2	7.8	8	10.9	20.6	26.1	28.5	28.5	
		1989	12	21.69	12	30.5	6.84	1.97	31.5	12	14.2	15.65	21.4	29.2	29.6	30.5	
		1990	11	22.58	10	33	7.54	2.27	33.4	10	14.1	16.7	22.8	29.8	30.5	33	
		1991	6	25.93	16.3	31	5.35	2.18	20.6	16.3	16.3	24.1	27	30.2	31	31	
		1992	8	21.71	10.6	31.3	7.75	2.74	35.7	10.6	10.6	15.45	21.15	29.3	31.3	31.3	
		1993	12	21.88	12.1	30.11	6.62	1.91	30.3	12.1	13.81	15.66	21.87	28.64	29.56	30.11	30.11
		1994	12	21.56	9.46	30.39	6.75	1.95	31.3	9.46	13.56	15.36	22.76	27.42	28.02	30.39	30.39
		1995	11	20.45	10.23	31.11	7.92	2.39	38.7	10.23	11.44	12	18.3	28.91	29.2	31.11	31.11
		1996	14	21.19	4.6	30.24	8.51	2.27	40.2	4.6	10.51	14.97	23.62	28.5	29.93	30.24	30.24
		1997	6	21.15	12	29.83	6.48	2.65	30.6	12	12	16.34	21.20	26.31	29.83	29.83	29.83
	CALIFORNIA BAY AND BRETON SOUND	1969	47	26.04	10	29.4	3.76	0.55	14.4	22.22	22.22	23.33	28.33	28.89	28.89	28.89	28.89
		1970	34	18.58	13.9	29.4	4.88	0.84	26.3	14.44	14.44	15	16.67	18.33	27.78	28.33	28.33
		1971	26	21.54	7.2	29.4	7.59	1.49	35.2	7.22	7.22	20.56	21.67	27.22	29.44	29.44	29.44
		1972	18	25.19	16.7	28.3	4.14	0.97	16.4	16.67	16.67	25	27.22	27.78	28.33	28.33	28.33
		1973	36	19.31	6.7	30	7.80	1.30	40.4	8.33	8.33	12.22	16.11	28.89	28.89	30	30
		1974	130	24.42	10.6	30	3.96	0.35	16.2	18.33	20	20.56	24.44	26.67	30	30	30
		1975	82	17.22	10.6	26.1	4.67	0.52	27.1	10.56	11.67	12.78	17.78	20	22.78	25	25
	Chandeleur Sound	1976	1	20.00	20	20											
	East Pearl River	1966	14	23.79	18	28	3.58	0.96	15.0	18	18	19	25	26	27	28	
	Inner Harbor Navigation Canal	1996	2	29.25	29	29.5	0.35	0.25	1.2	29	29	29	29.25	29.5	29.5	29.5	29.5
	Intracoastal Waterway	1975	28	22.11	13	35.5	5.81	1.10	26.3	15.5	16	17.5	20.5	26.25	30.5	32.5	
		1976	12	18.42	8.5	28	6.86	1.98	37.2	8.5	10.5	11	19	23.5	27.5	28	
		1981	3	28.17	22	31.5	5.35	3.09	19.0	22	22	22	31	31.5	31.5	31.5	
		1982	4	22.88	15.5	29.5	5.91	2.95	25.8	15.5	15.5	18.5	23.25	27.25	29.5	29.5	
		1983	4	21.38	10.5	31	8.87	4.44	41.5	10.5	10.5	14.5	22	28.25	31	31	
		1984	3	21.17	7	32	12.83	7.41	60.6	7	7	24.5	32	32	32	32	
	LAKE BORGNE	1973	90	24.66	16.2	31.4	4.08	0.43	16.5	18	18.85	21.1	25.4	28.4	29.55	30.4	
		1974	28	21.81	8.7	30.5	5.63	1.06	25.8	14	14.4	18.25	20.95	27.05	29.7	30.3	
		1975	40	22.36	9.9	32.3	5.74	0.91	25.7	13.4	14.3	18.3	23.15	26.25	29.55	30.3	
		1976	23	17.88	7.5	29.7	7.23	1.51	40.5	8.3	9.6	10	16.5	25.6	27.5	27.9	
		1977	23	22.23	7.4	30.8	7.24	1.51	32.6	8.7	12.3	18.2	22.3	28.8	30.1		
		1978	13	6.38	4	7.8	1.10	0.31	17.3	4	5.1	5.9	6.2	7.3	7.6	7.8	
		1979	19	20.61	11.2	30.1	7.37	1.69	35.8	11.2	11.5	12.2	22.3	28.1	29.9	30.1	
		1980	26	20.29	11.5	30.3	5.86	1.15	28.9	11.6	11.7	16.7	20.1	25.8	28.8	30.3	
		1981	4	9.88	6.8	15.7	3.97	1.99	40.2	6.8	6.8	7.5	8.5	12.25	15.7	15.7	
		1988	14	24.66	10.9	29.8	6.04	1.61	24.5	10.9	11.9	22.5	27	28.6	29.5	29.8	
		1969	8	14.25	8	21	4.88	1.73	34.2	8	8	10.5	13.75	18.25	21	21	

Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
LA	Lake Borgne Canal (Violet Canal)	1973	29	24.21	16.9	31.7	4.50	0.84	18.6	17.8	18.6	19.9	24.3	28	29.7	30.4
		1974	31	21.83	9.8	31.2	5.38	0.97	24.7	14.3	15.2	17.4	21.2	26.6	28.5	30.9
		1975	40	23.01	8.1	32.3	5.65	0.89	24.5	12.85	15.6	19.25	23.65	27.25	29.4	30.6
		1976	23	19.02	7.5	30.2	7.33	1.53	38.5	8.3	10.7	13	18.2	25.3	29.5	29.8
		1977	22	23.31	9.1	32.4	7.40	1.58	31.7	9.3	12.5	18.5	24.55	29.6	31.3	31.7
MONTE SANO BAYOU TO HEAD OF PASSES		1961	202	19.11	7.2	28.9	5.85	0.41	30.6	10.6	11.6	13.9	20	25	27.2	28.3
		1962	244	18.35	3.3	27.7	7.93	0.51	43.2	6.7	7.2	10.3	20.25	26.1	27.1	27.2
		1963	252	18.73	3.8	30.5	8.85	0.56	47.3	4.9	6.1	9.9	20.75	27.1	29.4	29.9
		1964	238	18.77	4.4	31	8.77	0.57	46.7	5.5	7.2	11.1	19.9	28.3	29.4	30.5
		1965	249	18.46	6.1	29.9	8.11	0.51	43.9	7.2	7.7	9.4	18.3	26	29.4	29.4
		1966	199	17.78	4.4	30.5	8.28	0.59	46.5	4.4	6.1	9.9	17.7	26	28.8	29.9
		1967	253	17.94	6.1	29.4	7.53	0.47	42.0	6.6	8.3	11.1	19.4	25.5	27.1	28.3
		1968	261	17.67	3.3	30.5	8.71	0.54	49.3	4.4	5.5	9.4	19.4	26	28.3	29.4
		1969	266	18.27	4.4	29.9	8.68	0.53	47.5	6.6	7.2	8.8	18.3	27.7	29.4	29.4
		1970	277	17.96	3.3	31	8.95	0.54	49.8	4.4	5.5	10.5	18.3	27.7	28.8	29.4
		1971	278	18.43	5.5	30.5	8.52	0.51	46.2	6.1	6.1	10.5	19.9	27.1	28.8	29.4
		1972	290	18.06	5	30	8.41	0.49	46.6	6.1	7.2	9.4	17.8	26.7	28.9	29.4
		1973	159	17.78	3.9	32	8.70	0.69	48.9	4.5	6	9	17	27	29	30
		1974	72	16.94	5	30	7.56	0.89	44.6	6	9	10.25	15	24.75	28.5	29
		1975	46	19.37	7.5	30.5	8.06	1.19	41.6	7.5	8	10.5	21.25	27.5	29	29.5
		1976	44	17.32	5	29.5	7.60	1.15	43.9	6.5	7	10.5	15.5	22.75	28.5	29
		1977	39	18.94	4.5	31	8.58	1.37	45.3	4.5	5.5	11.5	17.5	28.5	30	30
		1978	44	17.26	1.5	31.5	10.17	1.53	58.9	2	3.5	5.5	18.25	27	29.5	31
		1979	34	18.68	3.5	29.5	8.98	1.54	48.1	4	5	9	20	27	29	29.5
		1980	46	18.52	5	30.5	7.63	1.13	41.2	7	7.5	12.5	17.5	26	30	30
		1981	48	17.50	6.5	32	7.58	1.09	43.3	6.5	7.5	9.5	20	22	29	29.5
		1982	144	22.75	3.5	30	6.24	0.52	27.4	12	13.5	17.25	25	28	29	30
		1983	113	18.61	5	31	8.14	0.77	43.7	7	9	11	16	26.5	30	30
		1984	95	13.74	2	30	6.81	0.70	49.6	5	6	9	12	19	23	28.5
		1985	22	19.05	3	29.5	8.77	1.87	46.1	4.5	9	12	20	26.5	29	29.5
		1986	20	19.00	6.5	30.5	8.93	2.00	47.0	6.5	7.25	9	18.5	26.5	29.75	30.25
		1987	23	19.54	6	31.5	8.50	1.77	43.5	6.5	8.5	12	20	28	31	31
		1988	24	20.87	6.5	31	8.84	1.81	42.4	7	7	13.25	24	28.8	31	31
		1989	18	18.92	8.5	31	8.25	1.95	43.6	8.5	9.5	10.5	18.25	27	30	31
		1990	18	19.17	8	30.5	7.70	1.81	40.2	8	11	13	16.5	28	30	30.5
		1991	22	17.16	6	30	8.13	1.73	47.4	8	8	10	15.75	26.5	29.5	30
		1992	19	18.34	5.5	29	8.36	1.92	45.6	5.5	5.5	11	20	26.5	29	29
		1993	21	17.81	7	29.5	8.54	1.86	48.0	7.5	7.5	7.5	15	26.5	28	29
		1994	20	17.60	4.5	30	8.29	1.85	47.1	5.75	7.25	10.25	17	24.25	29.25	29.75
		1995	11	15.98	5	27.5	8.63	2.60	54.0	5	5	8	18.3	24.5	26	27.5
		1996	5	17.70	4	29	10.99	4.91	62.1	4	4	13	13.5	29	29	29
		1997	7	19.30	9	31.5	8.19	3.09	42.4	9	9	12.6	16	27	31.5	31.5
		1998	5	23.00	9.5	29	8.28	3.70	36.0	9.5	9.5	20.5	28	28	29	29
		1999	6	23.52	11.5	32.7	8.79	3.59	37.4	11.5	11.5	18	23.2	32.5	32.7	32.7
Mississippi River Passes		1975	26	23.44	10	31.5	7.13	1.40	30.4	10	13	19	24	30	31	31.5
		1976	28	13.34	5	25	6.62	1.25	49.7	5	5.5	7	11.25	19.25	22.5	25
New Orleans East leveed waterbodies		1976	1	18.50	18.5	18.5										
		RIVER AUX CHENES (OAK RIVER)	1960	1	28.89	28.9	28.9									
		1969	14	24.92	10	28.9	5.30	1.42	21.3	10	20.56	22.22	27.22	28.89	28.89	28.89
		1970	16	19.51	13.9	29.4	5.77	1.44	29.6	13.89	13.89	14.44	17.5	24.44	28.33	29.44
		1971	8	19.31	7.2	27.2	8.30	2.94	43.0	7.22	7.22	11.39	23.06	25.56	27.22	27.22
		1972	8	23.68	11.7	28.3	6.21	2.20	26.2	11.67	11.67	20	26.94	27.78	28.33	28.33
		1973	9	15.74	5.6	28.9	8.46	2.82	53.7	5.56	5.56	10.56	16.11	16.67	28.89	28.89
The Rigolets		1974	29	24.90	18.3	30	3.65	0.68	14.7	20	20	22.22	26.11	28.33	30	30
		1975	16	16.91	10.6	26.1	4.80	1.20	28.4	10.56	10.56	12.22	17.78	20	22.78	26.11
West Pearl River		1975	8	21.00	17.5	24	2.36	0.83	11.2	17.5	17.5	19.25	20.75	23.25	24	24
		1996	2	29.25	29	29.5	0.35	0.25	1.2	29	29	29	29.25	29.5	29.5	29.5
		1995	3	25.53	20.5	28.1	4.36	2.52	17.1	20.5	20.5	20.5	28	28.1	28.1	28.1

Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95	
MS	Back Bay of Biloxi	1966	30	11.73	5	20	4.15	0.76	35.4	6	6	10	11.5	14	18	19	
		1968	36	23.58	10.9	31.5	6.42	1.07	27.2	11.5	12.2	21.9	25.4	28.7	29.9	31.3	
		1969	16	15.26	8.4	22.1	3.97	0.99	26.0	8.4	10.5	13.3	14.2	17.05	22.1	22.1	
		1972	44	30.91	29	34	1.24	0.19	4.0	29.5	29.5	30	30.75	31.5	32.5	33	
		1973	197	29.00	27	31	0.91	0.06	3.1	28	28	28.5	29	29.5	30	31	
		1974	4	19.75	13	27	6.40	3.20	32.4	13	13	14.5	19.5	25	27	27	
		1975	29	18.41	13	29.5	2.58	0.48	14.0	17	17	18	19	20	21		
		1977	160	29.85	22.5	32.5	1.36	0.11	4.5	29	29	29.5	30	30.5	31	31.5	
		1990	4	18.00	12	26	6.06	3.03	33.6	12	12	13.5	17	22.5	26	26	
		1997	12	24.64	15.9	30.5	6.60	1.90	26.8	15.9	15.9	15.9	27.89	29.81	30.47	30.5	
		1998	36	23.21	10.2	32.5	6.79	1.13	29.3	11.37	14.43	15.58	24.13	29.91	31.75	31.98	
		2000	457	28.13	27.5	29	0.31	0.01	1.1	27.5	28	28	28	28.5	28.5	28.5	
		Bayou Costapia - Tchoutacabouffa River	1993	13	23.12	10.1	31.8	6.12	1.70	26.5	10.12	10.66	23.37	24.9	25.94	26.36	31.75
		1994	9	19.16	9.4	26.3	5.67	1.89	29.6	9.42	9.42	15.39	17.76	23.81	26.29	26.29	
		1995	2	13.31	10.6	16.1	3.90	2.76	29.3	10.55	10.55	10.55	13.31	16.06	16.06		
		1996	1	17.90	17.9	17.9											
		1997	12	18.45	7.5	25.8	6.36	1.84	34.5	7.5	9.7	14.265	19	24.175	25.63	25.8	
		1998	11	20.84	11.9	31	6.16	1.86	29.6	11.89	13.95	14.65	20.12	26.47	27.47	31	
	Bayou Cumbest	1965	27	23.00	12	32	5.57	1.07	24.2	12	13	20	24	26	30	31	
	1968	18	23.09	10	31.5	6.95	1.64	30.1	10	10	20.1	25.25	28.9	30	31.5		
	1969	8	13.91	10	21.9	4.47	1.58	32.1	10	10	10.85	12.4	16.45	21.9	21.9		
	1972	42	30.43	28	36	1.73	0.27	5.7	28.5	29	29	30	31.5	32	33.5		
	1978	55	28.34	26.5	29.5	0.82	0.11	2.9	27	27	27.5	28.5	29	29.5	29.5		
	Bayou LaTerre	1998	2	20.14	12.4	27.9	10.92	7.72	54.2	12.42	12.42	12.42	20.14	27.86	27.86	27.86	
	Bayou Portage	1966	10	16.70	12	22	3.71	1.17	22.2	12	12.5	13	16.5	20	21.5	22	
	1974	103	14.17	13	17.5	1.11	0.11	7.8	13	13	13	14	15	15	16		
	1975	61	18.98	14	23	2.17	0.28	11.4	16	16	17.2	19	20.8	22	22.5		
	1998	37	24.11	14.0	33.9	6.03	0.99	25.0	15.78	16.31	19.11	22.53	30.06	31.34	33.74		
	Bayou Talla - Jourdan River	1966	7	12.29	10	14	1.25	0.47	10.2	10	10	12	12	13	14	14	
	1968	18	23.98	7.7	32.6	7.71	1.82	32.2	7.7	8.4	20.9	26.85	29.5	31	32.6		
	1969	8	13.93	9.3	20.3	4.09	1.45	29.4	9.3	9.3	11.15	12.85	16.9	20.3	20.3		
	1972	1	32.00	32	32												
	1973	1	11.50	11.5	11.5												
	1974	143	17.79	12	21	2.00	0.17	11.2	12	16.5	17	18	19	20	20.5		
	1975	5	22.20	15	30	5.63	2.52	25.4	15	15	20	21	25	30	30		
	1976	11	20.32	8	30	7.97	2.40	39.2	8	9.5	11.5	21	28	29	30		
	1977	26	25.66	5	31	7.58	1.49	29.5	8	11.8	27	29	30	30	31		
	1978	13	15.81	3.8	26	8.69	2.41	55.0	3.8	4	7	19	23	24.4	26		
	1979	11	18.87	5.2	30	7.94	2.39	42.1	5.2	7	12	20	23	28.6	30		
	1980	12	19.98	10	31.2	7.99	2.31	40.0	10	10	13	20	27.5	30	31.2		
	1981	12	21.52	9.2	30	6.71	1.94	31.2	9.2	10.5	18	21.75	27	28	30		
	1982	7	20.31	12.6	29	6.97	2.63	34.3	12.6	12.6	12.8	21	28	29	29		
	1983	6	21.33	10	30	7.47	3.05	35.0	10	10	17	21.5	28	30	30		
	1984	6	21.90	11.5	28.9	7.19	2.94	32.9	11.5	11.5	15	24	28	28.9	28.9		
	1985	5	19.60	11	25	5.90	2.64	30.1	11	11	17	20	25	25	25		
	1986	6	22.17	11	30	7.25	2.96	32.7	11	11	17	23	29	30	30		
	1987	6	22.67	11	28.0	6.62	2.70	29.2	11	11	20	24.5	28	28.01	28.01		
	1988	6	21.00	10	30	7.01	2.86	33.4	10	10	16	23	24	30	30		
	1989	1	16.00	16	16												
	1990	5	21.00	12	32	7.71	3.45	36.7	12	12	17	19	25	32	32		
	1991	6	19.73	14	27	5.93	2.42	30.0	14	14	14	19.2	25	27	27		
	1992	6	22.00	12	29	6.45	2.63	29.3	12	12	19	21.5	29	29	29		
	1993	6	19.00	14.7	25.3	4.29	1.75	22.6	14.7	14.7	16	17.5	23	25.3	25.3		
	1994	6	21.85	10.3	28	6.77	2.77	31.0	10.3	10.3	18	23.4	28	28	28		
	1995	6	21.97	14	34	7.59	3.10	34.6	14	14	16.8	19.5	28	34	34		
	1996	6	20.43	10	31	8.67	3.54	42.4	10	10	13.3	20.15	28	31	31		
	1997	11	21.42	11.2	29.1	6.29	1.90	29.4	11.2	13.29	15.9	20.6	27.09	29.07	29.1		
	1998	28	22.40	12.8	32.1	5.07	0.96	22.6	14.5	16.18	19.21	21.36	24.11	30.74	31.09		
	2000	650	28.23	27	29	0.32	0.01	1.1	27.5	28	28	28.5	28.5	28.5	28.5		

**Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C**

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Bell Creek - Wolf River	1965	5	16.90	11.1	21.1	3.64	1.63	21.5	11.1	11.1	16.7	17.8	17.8	21.1	21.1
		1966	1	14.40	14.4	14.4										
	Big Swamp - Pascagoula River	1958	1	28.00	28	28										
		1961	1	27.00	27	27										
		1962	1	31.00	31	31										
		1963	1	21.00	21	21										
		1964	1	24.00	24	24										
		1965	18	25.33	18	31	3.93	0.93	15.5	18	19	24	25.5	29	31	31
		1968	70	22.79	9.5	31.4	6.82	0.81	29.9	10.8	11.25	18.4	25.25	29.1	30	30.4
		1969	31	13.70	8	20	3.56	0.64	26.0	8.5	9	11.5	13.2	15.9	19	19.1
		1970	7	20.00	8	31	8.52	3.22	42.6	8	8	12	19	29	31	31
		1971	4	25.38	20.5	30	3.90	1.95	15.4	20.5	20.5	22.75	25.5	28	30	30
		1972	51	28.46	11	30	3.15	0.44	11.1	23	28.5	29	29.5	29.5	30	30
		1973	2	19.15	18	20.3	1.63	1.15	8.5	18	18	18	19.15	20.3	20.3	20.3
		1978	19	29.74	27.5	31	1.37	0.31	4.6	27.5	27.5	28	30.5	30.5	31	31
		1980	19	28.50	28	29	0.17	0.04	0.6	28	28.5	28.5	28.5	28.5	28.5	29
		1981	23	28.70	28.5	29	0.25	0.05	0.9	28.5	28.5	28.5	28.5	29	29	29
		1982	22	29.39	28	30	0.49	0.10	1.7	28.5	29	29	29.5	29.5	30	30
		1983	19	30.18	29.5	31	0.63	0.14	2.1	29.5	29.5	29.5	30	31	31	31
		1984	21	28.00	27	28.5	0.42	0.09	1.5	27.5	27.5	28	28	28.5	28.5	28.5
		1985	12	28.25	28	28.5	0.26	0.08	0.9	28	28	28	28.25	28.5	28.5	28.5
		1986	36	29.69	29.5	30	0.25	0.04	0.8	29.5	29.5	29.5	29.5	30	30	30
		1987	22	28.98	28.5	29.5	0.39	0.08	1.4	28.5	28.5	28.5	29	29.5	29.5	29.5
		1988	18	28.92	28	29.5	0.60	0.14	2.1	28	28	28.5	29	29.5	29.5	29.5
		1990	22	28.50	27.5	29	0.41	0.09	1.4	28	28	28.5	28.5	29	29	29
		1991	19	29.37	28	30	0.66	0.15	2.3	28	28.5	28.5	29.5	30	30	30
		1992	19	29.68	27.5	32	1.81	0.42	6.1	27.5	27.5	28	30	31.5	32	32
		1993	23	25.54	23	26.5	0.94	0.20	3.7	23.5	24	25	26	26	26	26.5
		1994	24	29.19	28.5	30	0.41	0.08	1.4	28.5	29	29	29	29.5	30	30
		1995	33	30.48	29	31	0.34	0.06	1.1	30	30.5	30.5	30.5	30.5	31	31
		1996	21	28.88	28	29.5	0.47	0.10	1.6	28.5	28.5	28.5	29	29.5	29.5	29.5
		1997	43	29.03	28	31	1.05	0.16	3.6	28	28	28	28.5	30.5	30.5	30.5
		2000	29	28.33	27.5	29	0.49	0.09	1.7	27.5	27.5	28	28.5	28.5	29	29
	Black Creek Swamp - Pascagoula River	1958	1	20.00	20	20										
		1959	5	19.20	17	21	2.05	0.92	10.7	17	17	17	20	21	21	21
		1960	3	22.67	21	24	1.53	0.88	6.7	21	21	21	23	24	24	24
		1961	2	7.00	7	0	0	0	0	7	7	7	7	7	7	7
		1972	6	29.42	28	31	0.97	0.40	3.3	28	28	29	29.5	29.5	31	31
		1997	22	29.07	27.5	30.5	1.37	0.29	4.7	27.5	27.5	27.5	29.25	30.5	30.5	30.5
		1998	2	17.31	9.3	25.3	11.29	7.99	65.3	9.32	9.32	9.32	17.31	25.29	25.29	25.29
	Catahoula Creek	1998	2	17.31	9.3	25.3	11.29	7.99	65.3	9.32	9.32	9.32	17.31	25.29	25.29	25.29
	Choctaw Creek - Tuxachanie Creek	1999	8	20.40	15.5	25.2	3.62	1.28	17.8	15.5	15.5	17.55	20.6	23.1	25.2	25.2
	Crane Creek	1998	2	17.63	10.0	25.3	10.80	7.64	61.3	9.99	9.99	9.99	17.63	25.27	25.27	25.27
	Cunningham Branch - Escatawpa	1968	18	23.29	10.3	31.9	6.35	1.50	27.3	10.3	14	18	25.45	28.1	30.1	31.9
		1969	8	13.89	7.5	21.9	4.81	1.70	34.7	7.5	7.5	10.45	13.5	16.9	21.9	21.9
		1972	40	29.58	26.5	31	1.08	0.17	3.6	27	28.25	29	29.5	30.25	31	31
		1966	10	12.30	11	14	0.95	0.30	7.7	11	11	12	12	13	13.5	14
	Cutoff Bayou - Jourdan River	1968	18	24.47	10	31.7	7.22	1.70	29.5	10	11.2	21.6	27.15	30	31.6	31.7
		1969	8	14.45	8.6	21.6	5.15	1.82	35.7	8.6	8.6	9.95	13.8	18.95	21.6	21.6
		1972	11	31.00	30.5	32	0.63	0.19	2.0	30.5	30.5	30.5	30.5	31.5	32	32
		1974	114	12.89	12	20	1.36	0.13	10.5	12	12	12	12	13	15	15
		1977	124	29.08	28	32	0.85	0.08	2.9	28	28	28.5	29	29.5	30	31
		1998	18	23.78	17.5	31.0	6.15	1.45	25.9	17.53	17.55	18.03	20.17	30.43	30.78	31.02
		1965	103	22.16	12	32	5.91	0.58	26.7	13	13	19	23	26	30	30
	East Mississippi Sound	1966	7	17.86	14	20	2.27	0.86	12.7	14	14	17	20	20	20	20
		1968	74	24.12	8.2	32	6.39	0.74	26.5	12	13.5	21	26.45	29.4	30.9	31.1
		1969	35	14.19	9	22.8	4.22	0.71	29.7	9.5	9.8	11	12.5	17.5	21.1	22.6
		1972	67	29.42	28	31	0.62	0.08	2.1	28.5	28.5	29	29.5	30	30.5	30.5

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Summary Table by State, HUC 12 and Year
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STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Flat Branch - Bayou Bernard	1966	20	15.30	10	19	3.20	0.71	20.9	10.5	11	12	16	18	19	19
		1974	5	26.10	22	27.5	2.33	1.04	8.9	22	22	26.5	27	27.5	27.5	27.5
		1976	117	22.98	16	32.5	3.75	0.35	16.3	18	18.5	20	22	25.5	28.5	30
	Flat Branch - Turkey Creek	1966	39	11.64	5	20	4.04	0.65	34.7	5	6	8	12	14	18	19
		1968	18	25.55	13.5	34.3	6.53	1.54	25.6	13.5	15	23.3	27.65	30.9	32.3	34.3
		1969	8	15.60	11.9	23.5	4.52	1.60	28.9	11.9	11.9	12.15	14.25	18.3	23.5	23.5
		1972	112	30.62	26.5	34	1.49	0.14	4.9	27.5	29	29.75	30.5	31.5	32.5	32.5
		1973	74	29.21	28	30	0.45	0.05	1.6	28.5	29	29	29	29.5	30	30
		1974	120	28.85	23	33	1.95	0.18	6.7	24.5	27	28	29	30	31.5	32
		1977	63	29.89	28	32	1.18	0.15	3.9	28	28	29.5	30	31	31.5	32
		1991	12	21.45	15	29	5.82	1.68	27.1	15	15	16.1	21.1	26.5	29	29
		1992	12	23.33	15	31	5.71	1.65	24.5	15	15	19.5	22.5	29	31	31
		1996	1	19.60	19.6	19.6										
		1997	8	22.33	14.1	32.0	6.54	2.31	29.3	14.1	14.1	17	21.4	27.85	32.03	32.03
		1998	56	24.41	12.4	32.9	6.19	0.83	25.3	15.5	15.85	18.11	24.74	30.86	32.29	32.6
	Fourmile Branch - Mounkers Creek	1997	2	16.53	7.95	25.1	12.13	8.58	73.4	7.95	7.95	7.95	16.525	25.1	25.1	25.1
	Horse Creek - Biloxi River	1966	10	15.20	10	19	3.39	1.07	22.3	10	10.5	12	15.5	19	19	19
	Indian Creek - Pascagoula River	1958	4	19.00	14	24	4.08	2.04	21.5	14	14	16.5	19	21.5	24	24
		1959	4	20.50	17	23	2.52	1.26	12.3	17	17	19	21	22	23	23
		1960	1	24.00	24	24										
		1961	2	12.50	9	16	4.95	3.5	39.6	9	9	9	12.5	16	16	16
	Lower Bayou la Croix	1974	10	12.00	12	12	0	0	0	12	12	12	12	12	12	12
		1975	5	12.00	12	12	0	0	0	12	12	12	12	12	12	12
		1977	19	29.37	28	31.5	0.98	0.23	3.3	28	28.5	28.5	29	30	31	31.5
		1998	2	21.84	12.5	31.2	13.20	9.34	60.5	12.5	12.5	12.5	21.84	31.17	31.17	31.17
	Lower Little Biloxi River	1966	10	15.10	10	20	3.45	1.09	22.8	10	10.5	12	15	18	19.5	20
	Mikes River	1966	6	24.33	19	26	2.66	1.09	10.9	19	19	25	25	26	26	26
	Mill Creek - Biloxi River	1966	20	13.15	5	20	4.09	0.92	31.1	6	7	10.5	14	17	18	19
		1968	18	25.32	12	33.3	6.91	1.63	27.3	12	12.4	23.2	27.5	30.4	32.1	33.3
		1969	8	14.94	11.6	22.4	3.82	1.35	25.6	11.6	11.6	12.85	13.4	16.5	22.4	22.4
		1973	25	28.94	26.5	30	1.20	0.24	4.2	26.5	27	29	30	30	30	30
	Mulatto Bayou - Pearl River	1991	7	20.70	13.5	27	5.61	2.12	27.1	13.5	13.5	14.2	22	27	27	27
		1992	6	21.83	13	30	6.43	2.63	29.5	13	13	17	21.5	28	30	30
		1993	6	21.40	16	30	6.15	2.51	28.7	16	16	16	19.75	26.9	30	30
		1994	6	21.72	10.5	28.5	6.90	2.81	31.8	10.5	10.5	17	23.15	28	28.5	28.5
		1995	6	21.47	14.8	32	7.10	2.90	33.1	14.8	14.8	15	19.5	28	32	32
		1996	6	20.58	12.2	31	8.26	3.37	40.1	12.2	12.2	13	19.15	29	31	31
		1997	11	21.65	14.3	30.2	5.98	1.80	27.6	14.32	14.4	16.2	20.3	27.81	28.82	30.24
		1998	24	22.75	11.7	31.1	5.05	1.03	22.2	13.22	13.26	20.16	22.96	25.37	29.37	30.7
	Old Fort Bayou	1977	6	20.75	20.5	21	0.27	0.11	1.3	20.5	20.5	20.5	20.75	21	21	21
		1997	1	19.90	19.9	19.9										
	Old Fort Bayou - Biloxi Bay	1968	9	25.22	14.7	30.7	5.96	1.99	23.6	14.7	14.7	23.8	28.5	28.9	30.7	30.7
		1969	4	16.03	11.7	23.8	5.45	2.72	34.0	11.7	11.7	12.3	14.3	19.75	23.8	23.8
		1972	34	30.18	28	32	1.00	0.17	3.3	28.5	29	29.5	30.5	31	31.5	32
		1973	20	28.50	28	29	0.46	0.10	1.6	28	28	28	28.5	29	29	29
		1974	4	18.50	12	27	6.86	3.43	37.1	12	12	13	17.5	24	27	27
		1975	5	18.80	11	27	6.57	2.94	35.0	11	11	15	17	24	27	27
		1977	49	24.29	19.5	30.5	4.23	0.60	17.4	20	20.5	21	22	29.5	30	30.5
		1999	1	16.50	16.5	16.5										
		2000	4	20.50	14	29	6.24	3.12	30.5	14	14	16.5	19.5	24.5	29	29
	Paige Bayou - Mounkers Creek	1997	2	17.12	9.3	24.9	11.05	7.82	64.6	9.3	9.3	9.3	17.1	24.9	24.93	24.93
	Parker Creek - Tchoutacabouffa River	1966	10	15.60	9	22	4.33	1.37	27.7	9	10	11	16	19	21	22
		1968	18	24.91	11.9	32.9	6.96	1.64	28.0	11.9	12.6	19	27.25	30.6	31.8	32.9
		1969	8	14.44	8.4	23.2	4.96	1.75	34.4	8.4	8.4	11.9	12.9	17.15	23.2	23.2
		1973	61	27.60	25.5	30	1.18	0.15	4.3	26.5	26.5	27	28	29.5	30	30
		1975	90	25.53	24	31	1.08	0.11	4.2	24.5	24.5	25	25	26	26.5	27
		1993	13	22.81	10.2	29.6	5.89	1.63	25.8	10.17	10.41	23.16	24.43	25.48	27.82	29.6
		1994	1	8.52	8.52	8.52										

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STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	Polar Branch - Wolf River	1965	5	16.24	8.9	25.6	6.57	2.94	40.5	8.9	8.9	11.1	17.8	17.8	25.6	25.6
		1966	15	15.53	12	21	3.14	0.81	20.2	12	12	13	14	19	20	21
		1976	40	28.93	27.5	30.5	0.86	0.14	3.0	27.5	27.5	28.5	29	29.5	30	30
		1978	12	19.83	6	34	8.25	2.38	41.6	6	13	13.5	18	26.5	29.5	34
		1979	12	20.58	10	32	7.38	2.13	35.8	10	12	14	20.75	27.25	30	32
		1980	10	20.75	10	33	8.22	2.60	39.6	10	10.5	14	20.75	28	31	33
		1981	6	19.58	5.5	29	8.38	3.42	42.8	5.5	5.5	16	21	25	29	29
		1982	6	21.33	4	28	8.88	3.62	41.6	4	4	22	23.25	27.5	28	28
		1983	4	20.38	9	29	8.86	4.43	43.5	9	9	13.5	21.75	27.25	29	29
		1984	4	20.25	11.5	25.5	6.40	3.20	31.6	11.5	11.5	15.5	22	25	25.5	25.5
		1985	4	20.38	9.5	27	7.73	3.86	37.9	9.5	9.5	15	22.5	25.75	27	27
		1986	3	20.83	13.5	28.5	7.51	4.33	36.0	13.5	13.5	13.5	20.5	28.5	28.5	28.5
	Rotten Bayou	1974	79	17.61	15.5	20	0.93	0.11	5.3	16	16.5	17	17.5	18	19	19.5
		1998	2	19.68	12	27.4	10.86	7.68	55.2	12	12	12	19.68	27.36	27.36	27.36
UNKNOWN TRIBUTARY	UNKNOWN TRIBUTARY	1966	74	11.69	10	14	1.05	0.12	8.9	10	10	11	12	12	13	13
		1968	34	23.79	9.8	34	7.42	1.27	31.2	10	11	20	27	29.5	31	31.9
		1969	16	14.00	8.4	21.5	4.95	1.24	35.4	8.4	8.5	9.7	13.1	18.6	21.1	21.5
		1972	30	31.30	30	33.5	0.97	0.18	3.1	30	30	30.5	31	32	32.5	32.5
		1974	14	14.68	10	26	4.06	1.09	27.7	10	12	13	13	15	21	26
		1975	10	20.80	10.5	30	6.76	2.14	32.5	10.5	11.75	17	20.5	27	30	30
		1976	11	20.44	7.8	31	8.19	2.47	40.1	7.8	10	12	20.5	28	30	31
		1977	40	26.75	6.5	31	6.34	1.00	23.7	9.25	16	28.5	29	29.5	30.25	30.75
		1978	13	16.34	1	26	9.03	2.50	55.2	1	4.5	8.5	21	24.5	25	26
		1979	11	17.36	6	29.2	7.41	2.23	42.7	6	6	12.5	18	22.5	25	29.2
		1980	12	21.07	11.5	29	6.80	1.96	32.3	11.5	13	13.5	22	27.25	28.8	29
		1981	12	20.83	9.5	30	6.75	1.95	32.4	9.5	9.5	17.25	21.25	26.5	28	30
		1982	7	20.97	12.3	30	7.59	2.87	36.2	12.3	12.3	13	23.5	29	30	30
		1983	6	21.33	9	30	7.99	3.26	37.4	9	9	17	21.25	29.5	30	30
		1984	6	22.00	11	30	7.54	3.08	34.3	11	11	15	24.5	27	30	30
		1985	5	18.70	11	27	7.19	3.22	38.5	11	11	12	19	24.5	27	27
		1986	6	20.83	9	31	8.40	3.43	40.3	9	9	13	22.5	27	31	31
		1987	6	22.50	12	28	6.22	2.54	27.6	12	12	19	24.5	27	28	28
		1990	3	17.33	11	26	7.77	4.48	44.8	11	11	11	15	26	26	26
		1991	2	18.50	13	24	7.78	5.5	42.0	13	13	13	18.5	24	24	24
		1992	6	22.25	13	29	6.13	2.50	27.5	13	13	19	21.75	29	29	29
		1993	6	23.07	16.7	31	5.36	2.19	23.2	16.7	16.7	20	21.5	27.7	31	31
		1997	19	24.64	16.6	29.8	5.38	1.24	21.9	16.6	16.6	17.7	26.14	29.38	29.64	29.83
		1998	18	21.46	9.6	30.5	5.79	1.36	27.0	9.57	10.83	20.16	20.33	21.18	30.16	30.45
		1999	2	16.75	16	17.5	1.06	0.75	6.3	16	16	16	16.75	17.5	17.5	17.5
		2000	8	24.63	11	31	7.25	2.56	29.4	11	11	19.25	28.5	29.75	31	31
	Upper Mulatto Bayou	1966	19	20.47	15	28	3.88	0.89	18.9	15	17	19	25	27	28	
		West Mississippi Sound	1965	26	20.62	13	26	4.20	0.82	20.4	13	13	21	22	23	25
		1966	52	13.90	10	24	3.63	0.50	26.1	10	10	11	12	17	18	19
		1968	281	23.57	8	34	6.79	0.41	28.8	10.2	13	19.3	26	28.8	30.5	31.1
		1969	129	14.63	7.5	24.3	4.48	0.39	30.6	8.5	8.9	11.2	14.2	19.4	21.6	21.9
		1972	24	29.85	28	32.5	1.17	0.24	3.9	28.5	28.5	29	29.75	30.5	31.5	31.5
		1973	93	24.49	16.6	30.7	4.01	0.42	16.4	18	19.1	21.2	25	28.1	29.3	30.1
		1974	31	21.03	8.6	30.2	5.78	1.04	27.5	13.5	13.9	16.8	20.2	27	28.4	29.5
		1975	45	22.13	11.1	32	5.22	0.78	23.6	12.7	15.4	18.9	23	25.1	29.3	29.8
		1976	23	17.74	7.5	28.7	7.10	1.48	40.0	8.3	9.9	10.8	16.2	25.5	27.5	27.8
		1977	23	22.09	7.3	31.6	7.30	1.52	33.1	8.7	12.5	18.2	21.5	28.6	29.6	30.7
		1997	25	21.57	12.7	29.1	6.49	1.30	30.1	12.72	12.73	16.6	19.6	28.55	29.08	29.08
		1998	28	22.21	11.5	30.2	6.17	1.17	27.8	11.54	11.93	19.69	24.735	26.60	29.8	30.14
		1999	19	23.45	16	32.5	5.85	1.34	25.0	16	16.5	17.5	25	29.5	31	32.5
		2000	24	26.38	11.5	31.5	6.25	1.28	23.7	11.5	18.5	23.5	29	30.5	31	31.5
West Pascagoula River - East Pascagoula River	West Pascagoula River - East Pascagoula River	1965	65	26.05	12	33	4.81	0.60	18.5	18	19	24	28	30	30	30
		1966	8	17.38	13	20	2.33	0.82	13.4	13	13	16.5	17	19.5	20	20
		1968	54	23.40	11	33.2	6.50	0.88	27.8	11.9	13.3	19.1	25.4	29	29.9	30
		1969	24	14.15	7.6	22.3	4.13	0.84	29.2	8	8.2	11.7	14.35	17.4	19.8	20.6

Attachment E: Water Temperature
Summary Table by State, HUC 12 and Year
units: degrees C

STATE	HUC12 NAME	YEAR	N	Mean	Min	Max	StdDev	StdErr	CV	P5	P10	Q1	Median	Q3	P90	P95
MS	West Pascagoula River - East Pascagoula River	1972	178	29.44	28	32	0.81	0.06	2.8	28	28	29	29.5	30	30.5	30.5
		1974	33	25.42	12	27.5	3.22	0.56	12.7	15	25	25	26	27	27	27
		1975	55	21.95	10	28	2.90	0.39	13.2	14	21	22	22.5	23	24	25
		1976	49	21.59	8	27.8	3.80	0.54	17.6	12.3	18.5	22	22	22.5	24.5	27
		1977	88	23.91	7	27	3.33	0.36	13.9	16.2	23	23.5	24.5	25.5	26	26.5
		1978	35	25.23	2.8	31	7.59	1.28	30.1	3	15.7	23	28.5	30.5	30.5	31
		1979	33	22.15	4	28.6	5.51	0.96	24.9	7	14.5	22.3	24.5	24.5	25	28
		1980	37	24.59	8.3	29	5.60	0.92	22.8	12	13	25	27	28	28.5	29
		1981	35	26.32	8.2	30	5.69	0.96	21.6	11.5	16	25	29	29.5	30	30
		1982	33	27.67	13	31	4.68	0.81	16.9	14	21	29	29	29.5	30	31
		1983	27	28.27	11.3	32	4.70	0.91	16.6	17	21.5	29.5	30	30	31	31.5
		1984	27	26.28	8	29	4.76	0.92	18.1	13	22	27	28	28	28	28.5
		1985	12	28.54	28	29	0.26	0.07	0.9	28	28.5	28.5	28.5	28.5	29	29
		1986	26	29.65	29	30.5	0.42	0.08	1.4	29	29	29.5	29.5	30	30.5	30.5
		1987	29	27.22	9	29.5	4.59	0.85	16.9	13	25	28	28.5	28.5	29	29.5
		1988	23	29.50	29	30.5	0.40	0.08	1.4	29	29	29	29.5	29.5	30	30
		1989	23	27.41	26.5	28.5	0.60	0.12	2.2	26.5	26.5	27	27.5	28	28	28.5
		1990	24	27.63	26.5	28.5	0.61	0.13	2.2	26.5	27	27.25	27.5	28	28.5	28.5
		1991	23	29.30	28.5	30	0.45	0.09	1.5	28.5	28.5	29	29.5	29.5	30	30
		1992	29	26.52	22.5	32	2.88	0.53	10.8	23	23	24.5	26	28.5	31	32
		1993	22	24.55	22.5	25.5	0.65	0.14	2.7	24	24	24.5	24.5	24.5	25.5	25.5
		1994	24	29.60	29	30.5	0.49	0.10	1.7	29	29	29.25	29.5	30	30.5	30.5
		1995	22	30.20	29	31	0.59	0.13	2.0	29	29.5	30	30.25	30.5	31	31
		1996	23	29.13	28	30	0.57	0.12	2.0	28	28.5	29	29	29.5	30	30
		1997	26	28.38	27.5	30	0.73	0.14	2.6	27.5	27.5	28	28	28.5	29.5	30
		2000	338	27.37	26.5	29	0.48	0.03	1.7	26.5	26.5	27	27.5	27.5	28	28.5
	West Pearl River - Pearl River	1966	14	25.00	19	29	3.76	1.01	15.0	19	19	20	26.5	28	28	29
	White Cypress Creek - Hickory Creek	1998	2	18.45	8.9	28.0	13.56	9.59	73.5	8.86	8.86	8.86	18.45	28.03	28.03	28.03