635/D-169

Analysis of STORET water quality data for Gulf Islands NS – 6/22/00

The data retrieval occurred in January, 2000. The period of record captured was from 1956 – 1998.

774 STORET sampling stations exist in the "study area" (this is an area larger than the park boundaries but includes the entire park). 225 of these stations were within the park's boundaries. 104 of the 225 stations were at ponds, pools, and smaller "attached" lagoons, estuaries, and coves/bays; the other 121 stations were in the Sound, Gulf or larger bays and were not counted since the smaller water resources of the islands (ponds, etc., are of more interest to GUIS staff. Also, it's likely that regularly collected Sound or Gulf water quality data is available from other agencies.

There are only eight stations of the 104 that may be currently active. These are near Santa Rosa Island and Perdido Key only (Big Lagoon [524,535,544,548], Sabine Cove [221,290,293], and Old Pass Lagoon [44]). **<<NOTE: numbers in brackets are the station ID numbers given in the STORET station data summary (printout provided).>>** There appear to be no currently active sampling stations in any of the smaller water resources of the islands. (For exact locations of the eight stations, contact the agency collecting the data or consult the STORET data summary for latitude/longitude coordinates.)

The remaining stations (96) have had what amounts to "synoptic" sampling done at them. This is data that was collected for a finite amount of time—a "snapshot" of anywhere from one day (and one sample only) to two years of water quality. I grouped these stations into three groups according to how informative and useful I thought this data could be to you now. They are:

1) Most informative:

   These stations had the most parameters measured at them and were the most frequently sampled. That is, most of the "basic" parameters were measured (water temp, dissolved oxygen, pH, salinity, conductivity, turbidity) and some additional ones were also (nitrogen, phosphorous, biochemical oxygen demand (BOD), fecal coliforms, chlorophyll). Studies lasted one to two years and samples were collected monthly or more often. Only six stations at the following locations have this "most informative" synoptic data:
   - Santa Rosa (day use area [206], Fort Pickens E pond [368], Beaver/Brown's pond [274])*
   - Horn Island (ponds 19 [668] and 24 [669])*
   - Perdido Key (Fort McRae pond [522])

2) Fairly informative:

   These stations had anywhere from three of the basic parameters to all of them plus some additional ones (see list above) measured at them. Studies were generally

shorter (~one yr) and samples were collected less frequently (quarterly or every two months). About 31 stations at the following locations have this "fairly informative" synoptic data:

- Santa Rosa – Fort Pickens (ponds 3, 4, East, West, and Parsons [369, 482, 373, 380, 377, respectively])*
- Perdido Key (pond 6 [521], Big Lagoon [533])*
- Petit Bois (ponds 7A [599], 8 [598])*
- Horn (ponds 9, 10, 11, 16, 18, 20, 40, 43/stn33 [611, 616, 629, 672, 674, 680, 631, 627, resp.], pools 1-5, 10 [696, 694, 690, 661, 657, 640, resp.], station 10 [642], Ranger Lagoon [667, 677, 679, 681], Big Lagoon [691], and an intertidal zone [656])*
- (W?) Ship (pond 20 [768])*

3) Least informative:

Theses stations typically had only one to three basic parameters measured, occasionally all of them, but never any additional ones. Only one or two samples were collected (per parameter) total at each station. Much of this data (salinity only) was collected in 1966. About 60 stations at the following locations have this "least informative" synoptic data:

- Santa Rosa (Old Pass Lagoon [46], Sabine Bay [288], Lafitte Cove [308], Ft Pickens ponds [505, 512])*
- Perdido Key (Big Lagoon [528])
- Petit Bois (pond 7 [600])*
- Horn (stations 1A-D [718, 716, 714, 712], 2-8 [719, 717, 713, 711, 709, 704, 703], 11-16 [688, 686, 685, 676, 678, 682] at "natural lake(s)"; stations 10, 17, 23, 29, P50 [###, 670, 660, 634, 620] at an estuary; stations 18, 21, 22 [675, 665, 659], 24-26 [663, 662, 658], 28 [639], 34-45 [621, 617, 615, 614, 610, 609, 607, 604, 603, 606, 605, 602], P2 [707], P18 [632], P20/31 [635], P24/32 [630], P45 [###] at "natural lake(s)"; ponds 12 (stn30) [636], 14 (stn19/P24) [666], 16 [672], 17 [671], 40 [###]; pools 7-9 [649, 644, 643, resp.])*
- Ocean Springs (pond 22 [733])*

Conclusions:

- If GUIS staff would like long-term monitoring at the island waters (ponds, pools, marshes, and smaller "attached" lagoons, estuaries, and coves/bays), that could be appropriate since it is not currently being done. (FYI, long-term monitoring *is* occurring at approx. 28 stations in the Sound and Gulf, all out of Florida.)

- If GUIS staff would like new synoptic (e.g. 1-3 yrs) studies done for certain island water resources, some areas may be appropriate while others may already have been sufficiently studied. To see all existing data for a particular water body, find the appropriate station ID number(s) above (in brackets) and find the

info for that station(s) in the STORET data summary printout (for stations 044 – 768) provided.

* = For exact station locations (i.e. for the numbered ponds, pools, stations, etc. given above) consult the STORET data summary (printout provided) for exact latitude/longitude coordinates and/or see the original report for a map or location description. Original reports include:

1) JS Franks. 1970. "Fish in inland waters: Horn Island." Gulf Coast Research Lab, Ocean Springs, MS.

2) PB Hardy. 1992. "A characterization of East Pond; a barrier island dune pond within the Ft Pickens Unit of the Gulf Is. Natl. Seashore." Univ. of W. FL.

3) JL Boyd, R Heard, and J McLelland. "An inventory of pond fauna of the Gulf Is. Natl. Seashore with parasitological and trophic observation." Gulf Coast Res. Lab, Ocean Springs, MS.

4) DW Parsons. 1993. "Analysis of Ft Pickens District ponds." Univ. of W. FL.

5) PT Heitmuller. 1968. "Preliminary study of Ft Pickens pnds." Florida District library.

6) R Heard and KC Stuck. 1989. "Brackish and marine macroinvertebrates." Gulf Coast Res. Lab, Ocean Springs, MS.

7) ST Ross and TA Doherty (Univ. of Southern Mississ.). 1993. "Barrier island fishes." In: vol 38, 1994, Estuarine Coastal and Shelf Science.

8) DC Beckett and BJ Viscupp. 1990. "Invertebrates in Horn Island ponds." Univ. of Southern Mississ.

9) RM Sherrard. 1983. "An analysis of macrobenthic and invertebrate assemblages in Ranger Lagoon, Horn Island, MS." Masters Thesis, Univ. of Southern Mississ.

10) RW Heard. 1991. "Macroinvertebrate populations." Gulf Coast Res. Lab, Ocean Springs, MS.

Parameter Period of Record Tabulation
From 12/15/56 To 12/29/98

Parameter Code	Name		Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)		15	0	0	15	1	0
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)		11757	7914	647	3196	506	104
00006	DISTANCE FROM LOCATION IN X MILES		1	1	0	0	1	0
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE		1682	0	36	1646	63	8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		11619	7529	529	3561	613	164
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)		321	321	0	0	11	5
00012	EVAPORATION TEMPERATURE (48 INCHPAN) DEG CENT		1	0	1	0	1	0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)		1260	1196	64	0	142	36
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)		93	93	0	0	11	7
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.		1094	845	221	28	192	36
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)		975	864	111	0	138	26
00032	CLOUD COVER (PERCENT)		991	911	80	0	158	39
00035	WIND VELOCITY (MILES PER HOUR)		3636	3536	65	35	210	50
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)		3525	3448	77	0	184	47
00037	WIND FORCE (BEAUFORT UNITS)		1	1	0	0	1	0
00038	WIND DIRECTION (WMO CODES 0885 + 0887)		35	0	0	35	35	3
00040	WIND DIRECTION, AZIMUTH		2	2	0	0	2	0
00041	WEATHER (WMO CODE 4501)		71	0	36	35	54	10
00043	CLOUD TYPE (WMO CODE 0500)		35	0	0	35	35	3
00044	CLOUD AMOUNT (WMO CODE 2700)		35	0	0	35	35	3
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)		1	1	0	0	1	0
00055	VELOCITY, STREAM	FT/SEC	17	5	11	1	11	0
00058	FLOW, RATE	GALLONS/MIN	1	0	1	0	1	0
00060	FLOW, STREAM, MEAN DAILY	CFS	5	0	0	5	1	0
00061	FLOW, STREAM, INSTANTANEOUS	CFS	5	0	0	5	1	0
00065	STAGE, STREAM (FEET)		2	0	1	1	2	0
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)		2887	2874	13	0	26	4
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)		419	409	10	0	17	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)		1112	1	75	1036	194	33
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)		1777	1615	155	7	242	50
00077	TRANSPARENCY, SECCHI DISC (INCHES)		115	0	6	109	60	16
00078	TRANSPARENCY, SECCHI DISC (METERS)		840	725	113	2	180	44
00080	COLOR (PLATINUM-COBALT UNITS)		2584	1642	234	708	322	61
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS		11	0	11	0	11	3
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)		522	522	0	0	87	20
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		2451	1625	174	652	232	59
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		2080	1206	155	719	287	65
00200	LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S		1	1	0	0	1	1
00295	OXYGEN, DISSOLVED	ML/L	166	0	0	166	42	3
00299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	5714	4912	179	623	290	111
00300	OXYGEN, DISSOLVED	MG/L	3419	446	286	2687	337	49
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	%	1857	170	0	1687	83	6
00304	BOD, 2 DAY, 20 DEG C	MG/L	196	0	0	196	16	1
00307	BOD, NITROGEN INHIB..DISS.. 5 DAY, 20 DEG C	MG/L	3	3	0	0	2	0
00310	BOD, 5 DAY, 20 DEG C	MG/L	2538	1371	196	971	342	55
00335	COD, .025N K2CR2O7	MG/L	3	0	3	0	1	0
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT	MG/KG	3	0	0	3	1	0
00340	COD, .25N K2CR2O7	MG/L	76	9	51	16	41	6
00343	OXYGEN DEMAND, TOTAL	MG/L	65	0	0	65	9	0
00400	PH (STANDARD UNITS)		3035	1496	354	1185	416	69
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM		13	13	0	0	1	0
00403	PH, LAB, STANDARD UNITS	SU	3735	3536	125	74	220	45
00405	CARBON DIOXIDE (MG/L AS CO2)		3	0	3	0	1	0
00406	PH, FIELD, STANDARD UNITS	SU	509	479	30	0	46	44
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		867	108	78	681	208	44
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		14	13	0	1	2	1
00435	ACIDITY, TOTAL (MG/L AS CACO3)		62	0	18	44	49	12
00440	BICARBONATE ION (MG/L AS HCO3)		9	0	3	6	3	0
00445	CARBONATE ION (MG/L AS CO3)		5	0	2	3	2	0
00480	SALINITY - PARTS PER THOUSAND		4649	2831	295	1523	458	194
00500	RESIDUE, TOTAL (MG/L)		19	13	0	6	8	0
00505	RESIDUE, TOTAL VOLATILE (MG/L)		6	0	5	1	6	4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L		56	0	18	38	29	8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)		2521	1930	265	326	290	56
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)		5	0	0	5	4	1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)		1	0	0	1	1	0
00545	RESIDUE, SETTLEABLE (ML/L)		4	0	0	4	3	0
00546	RESIDUE, SETTLEABLE (MG/L)		4	0	0	4	3	0
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC..MG/L		22	0	3	19	13	2
00552	OIL & GREASE (HEXANE EXTRACTION) TOTAL,REC..MG/L		2	0	2	0	1	0
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L		8	3	5	0	4	0

Parameter Period of Record Tabulation
From 12/15/56 To 12/29/98

Parameter Code	Name	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	3	0	3	0	3	0
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT.REC,MG/L	27	0	27	0	15	6
00600	NITROGEN, TOTAL (MG/L AS N)	99	0	30	69	28	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	920	16	154	750	201	32
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	6	0	0	6	6	2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	291	0	0	291	19	1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2760	1401	247	1112	370	55
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	4	0	0	4	4	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	98	0	49	49	41	11
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	4	0	0	4	4	2
00619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	51	51	0	0	30	7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	881	16	171	694	191	41
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2041	1167	180	694	262	37
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	3	0	0	3	1	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	2020	1424	165	431	248	37
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	290	0	0	290	16	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	153	16	9	128	58	12
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	4	0	0	4	1	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	277	262	11	4	10	0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2578	1165	279	1134	375	60
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	26	0	24	2	3	0
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	3	0	0	3	1	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	357	3	0	354	30	0
00673	PHOSPHORUS, DISSOLVED ORGANIC (MG/L AS P)	2	0	0	2	2	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	878	197	67	614	129	14
00690	CARBON, TOTAL (MG/L AS C)	242	0	0	242	16	0
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	3	0	3	0	3	0
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	28	0	27	1	16	6
00725	CYANATE (MG/L AS OCN)	9	0	0	9	4	0
00745	SULFIDE, TOTAL (MG/L AS S)	15	0	15	0	14	6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	157	68	4	85	24	1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10	0	3	7	3	0
00910	CALCIUM (MG/L AS CACO3)	1	0	1	0	1	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	13	0	3	10	4	0
00916	CALCIUM, TOTAL (MG/L AS CA)	25	25	0	0	5	0
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	1	0	1	0	1	0
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	2	0	2	0	1	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10	0	3	7	3	0
00926	MAGNESIUM, SUSPENDED (MG/L AS MG)	1	0	0	1	1	0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	52	25	26	1	19	6
00929	SODIUM, TOTAL (MG/L AS NA)	36	27	9	0	14	5
00930	SODIUM, DISSOLVED (MG/L AS NA)	6	0	0	6	2	0
00931	SODIUM ADSORPTION RATIO	6	0	0	6	2	0
00932	SODIUM, PERCENT	6	0	0	6	2	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	6	0	0	6	2	0
00937	POTASSIUM, TOTAL MG/L AS K)	35	24	11	0	15	1
00940	CHLORIDE,TOTAL IN WATER MG/L	1486	120	85	1281	245	40
00945	SULFATE, TOTAL (MG/L AS SO4)	159	108	29	22	32	6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	24	0	0	24	10	1
00951	FLUORIDE, TOTAL (MG/L AS F)	43	16	27	0	16	6
00955	SILICA, DISSOLVED (MG/L AS SI02)	10	0	3	7	3	0
01002	ARSENIC, TOTAL (UG/L AS AS)	132	53	31	48	32	9
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12	5	3	4	9	2
01020	BORON, DISSOLVED (UG/L AS B)	5	0	5	0	5	4
01026	CADMIUM, SUSPENDED (UG/L AS CD)	48	0	0	48	7	3
01027	CADMIUM, TOTAL (UG/L AS CD)	120	82	37	1	46	8
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	18	9	5	4	12	3
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	15	7	4	4	10	2
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	34	0	28	6	19	6
01034	CHROMIUM, TOTAL (UG/L AS CR)	157	66	35	56	46	10
01035	COBALT, DISSOLVED (UG/L AS CO)	2	2	0	0	2	0
01037	COBALT, TOTAL (UG/L AS CO)	18	14	3	1	10	1
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	3	1	1	1	2	1
01040	COPPER, DISSOLVED (UG/L AS CU)	48	0	0	48	7	3
01042	COPPER, TOTAL (UG/L AS CU)	116	80	35	1	44	8
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	18	9	5	4	12	3
01045	IRON, TOTAL (UG/L AS FE)	109	20	36	53	41	11
01046	IRON, DISSOLVED (UG/L AS FE)	6	0	0	6	2	0
01051	LEAD, TOTAL (UG/L AS PB)	165	79	37	49	53	11
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	18	9	5	4	12	3
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	8	4	3	1	6	2

Parameter Period of Record Tabulation
From 12/15/56 To 12/29/98

Parameter Code	Name	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01055	MANGANESE, TOTAL (UG/L AS MN)	163	79	31	53	52	11
01056	MANGANESE, DISSOLVED (UG/L AS MN)	2	0	0	2	1	0
01059	THALLIUM, TOTAL (UG/L AS TL)	2	2	0	0	2	0
01067	NICKEL, TOTAL (UG/L AS NI)	108	80	28	0	43	8
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	9	4	2	3	6	2
01077	SILVER, TOTAL (UG/L AS AG)	37	10	27	0	25	7
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	2	2	0	0	2	1
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	3	0	0	3	2	0
01092	ZINC, TOTAL (UG/L AS ZN)	116	79	36	1	45	8
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	18	9	5	4	12	3
01097	ANTIMONY, TOTAL (UG/L AS SB)	10	10	0	0	10	1
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	2	2	0	0	2	1
01105	ALUMINUM, TOTAL (UG/L AS AL)	80	53	27	0	23	6
01132	LITHIUM, TOTAL (UG/L AS LI)	1	1	0	0	1	0
01147	SELENIUM, TOTAL (UG/L AS SE)	58	53	4	1	10	0
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	2	0	1	1	1	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	15	9	5	1	11	3
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	1	0	0	1	1	0
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	1	0	0	1	1	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	2346	1930	30	386	205	41
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	1149	0	151	998	220	37
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	116	27	89	0	2	0
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	94	0	28	66	50	18
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	642	27	123	492	135	22
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	2422	2013	37	372	202	41
31617	FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	1	1	0	0	1	1
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	2643	2643	0	0	27	4
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	17	0	17	0	15	0
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	17	0	17	0	15	0
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	14	0	11	3	4	0
32000	SAMPLE SIZE (LITERS)	10	10	0	0	6	0
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	3	0	3	0	3	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	2	0	2	0	2	0
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	3	0	3	0	3	0
32104	BROMOFORM,WHOLE WATER,UG/L	2	0	2	0	2	0
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	2	0	2	0	2	0
32106	CHLOROFORM,WHOLE WATER,UG/L	2	0	2	0	2	0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	785	727	58	0	150	37
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	461	430	31	0	142	36
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	27	1	26	0	10	2
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	27	1	26	0	10	2
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	3	3	0	0	1	0
32230	CHLOROPHYLL A (MG/L)	66	0	0	66	21	6
32231	CHLOROPHYLL B (MG/L)	37	0	0	37	16	3
32232	CHLOROPHYLL C (MG/L)	37	0	0	37	16	3
32240	TANNIN AND LIGNIN (MG/L)	19	14	0	5	2	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	79	6	42	31	37	6
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	3	0	3	0	3	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	2	0	2	0	2	0
34200	ACENAPHTHYLENE TOTWUG/L	3	0	3	0	3	0
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	3	0	3	0	3	0
34205	ACENAPHTHENE TOTWUG/L	3	0	3	0	3	0
34208	ACENAPHTHENE DRY WGTBOTUG/KG	3	0	3	0	3	0
34220	ANTHRACENE TOTWUG/L	3	0	3	0	3	0
34223	ANTHRACENE DRY WGTBOTUG/KG	3	0	3	0	3	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	3	0	3	0	3	0
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	3	0	3	0	3	0
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	3	0	3	0	3	0
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	3	0	3	0	3	0
34247	BENZO-A-PYRENE TOTWUG/L	3	0	3	0	3	0
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	3	0	3	0	3	0
34257	B-BHC-BETA DRY WGTBOTUG/KG	1	0	1	0	1	0
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	1	0	1	0	1	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	3	0	3	0	3	0
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	3	0	3	0	3	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	3	0	3	0	3	0
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	3	0	3	0	3	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	3	0	3	0	3	0
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	3	0	3	0	3	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	3	0	3	0	3	0
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	3	0	3	0	3	0

Parameter Period of Record Tabulation
From 12/15/56 To 12/29/98

Parameter Code	Name		Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34301	CHLOROBENZENE	TOTWUG/L	2	0	2	0	2	0
34311	CHLOROETHANE	TOTWUG/L	2	0	2	0	2	0
34320	CHRYSENE	TOTWUG/L	3	0	3	0	3	0
34323	CHRYSENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34336	DIETHYL PHTHALATE	TOTWUG/L	3	0	3	0	3	0
34339	DIETHYL PHTHALATE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34341	DIMETHYL PHTHALATE	TOTWUG/L	3	0	3	0	3	0
34344	DIMETHYL PHTHALATE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34354	ENDOSULFAN SULFATE	DRY WGTBOTUG/KG	1	0	1	0	1	0
34359	ENDOSULFAN, BETA	DRY WGTBOTUG/KG	1	0	1	0	1	0
34364	ENDOSULFAN, ALPHA	DRY WGTBOTUG/KG	1	0	1	0	1	0
34369	ENDRIN ALDEHYDE	DRY WGTBOTUG/KG	1	0	1	0	1	0
34371	ETHYLBENZENE	TOTWUG/L	3	0	3	0	3	0
34376	FLUORANTHENE	TOTWUG/L	3	0	3	0	3	0
34379	FLUORANTHENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34381	FLUORENE	TOTWUG/L	3	0	3	0	3	0
34384	FLUORENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34386	HEXACHLOROCYCLOPENTADIENE	TOTWUG/L	3	0	3	0	3	0
34389	HEXACHLOROCYCLOPENTADIENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34396	HEXACHLOROETHANE	TOTWUG/L	3	0	3	0	3	0
34399	HEXACHLOROETHANE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34403	INDENO (1,2,3-CD) PYRENE	TOTWUG/L	3	0	3	0	3	0
34406	INDENO (1,2,3-CD) PYRENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34408	ISOPHORONE	TOTWUG/L	3	0	3	0	3	0
34411	ISOPHORONE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34413	METHYL BROMIDE	TOTWUG/L	3	0	3	0	3	0
34423	METHYLENE CHLORIDE	TOTWUG/L	3	0	3	0	3	0
34428	N-NITROSODI-N-PROPYLAMINE	TOTWUG/L	3	0	3	0	3	0
34431	N-NITROSODI-N-PROPYLAMINE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34433	N-NITROSODIPHENYLAMINE	TOTWUG/L	3	0	3	0	3	0
34436	N-NITROSODIPHENYLAMINE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34438	N-NITROSODIMETHYLAMINE	TOTWUG/L	3	0	3	0	3	0
34441	N-NITROSODIMETHYLAMINE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34445	NAPHTHALENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34447	NITROBENZENE	TOTWUG/L	3	0	3	0	3	0
34450	NITROBENZENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34452	PARACHLOROMETA CRESOL	TOTWUG/L	3	0	3	0	3	0
34455	PARACHLOROMETA CRESOL	DRY WGTBOTUG/KG	3	0	3	0	3	0
34461	PHENANTHRENE	TOTWUG/L	3	0	3	0	3	0
34464	PHENANTHRENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34469	PYRENE	TOTWUG/L	3	0	3	0	3	0
34472	PYRENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34475	TETRACHLOROETHYLENE	TOTWUG/L	3	0	3	0	3	0
34488	TRICHLOROFLUOROMETHANE	TOTWUG/L	3	0	3	0	3	0
34496	1,1-DICHLOROETHANE	TOTWUG/L	3	0	3	0	3	0
34501	1,1-DICHLOROETHYLENE	TOTWUG/L	3	0	3	0	3	0
34506	1,1,1-TRICHLOROETHANE	TOTWUG/L	3	0	3	0	3	0
34511	1,1,2-TRICHLOROETHANE	TOTWUG/L	3	0	3	0	3	0
34516	1,1,2,2-TETRACHLOROETHANE	TOTWUG/L	3	0	3	0	3	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE	TOTWUG/L	3	0	3	0	3	0
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY	WGTBOTUG/KG	3	0	3	0	3	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE	TOTWUG/L	3	0	3	0	3	0
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY	WGTBOTUG/KG	3	0	3	0	3	0
34536	1,2-DICHLOROBENZENE	TOTWUG/L	3	0	3	0	3	0
34539	1,2-DICHLOROBENZENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34541	1,2-DICHLOROPROPANE	TOTWUG/L	3	0	3	0	3	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	3	0	3	0	3	0
34551	1,2,4-TRICHLOROBENZENE	TOTWUG/L	3	0	3	0	3	0
34554	1,2,4-TRICHLOROBENZENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34556	1,2,5,6-DIBENZANTHRACENE	TOTWUG/L	3	0	3	0	3	0
34559	1,2,5,6-DIBENZANTHRACENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34561	1,3-DICHLOROPROPENE	TOTWUG/L	3	0	3	0	3	0
34566	1,3-DICHLOROBENZENE	TOTWUG/L	3	0	3	0	3	0
34569	1,3-DICHLOROBENZENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34571	1,4-DICHLOROBENZENE	TOTWUG/L	3	0	3	0	3	0
34574	1,4-DICHLOROBENZENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34576	2-CHLOROETHYL VINYL ETHER	TOTWUG/L	2	0	2	0	2	0
34581	2-CHLORONAPHTHALENE	TOTWUG/L	3	0	3	0	3	0
34584	2-CHLORONAPHTHALENE	DRY WGTBOTUG/KG	3	0	3	0	3	0
34586	2-CHLOROPHENOL	TOTWUG/L	3	0	3	0	3	0
34589	2-CHLOROPHENOL	DRY WGTBOTUG/KG	3	0	3	0	3	0

Parameter Period of Record Tabulation
From 12/15/56 To 12/29/98

Parameter Code	Name	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34591	2-NITROPHENOL TOTWUG/L	3	0	3	0	3	0
34594	2-NITROPHENOL DRY WGTBOTUG/KG	3	0	3	0	3	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	3	0	3	0	3	0
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	3	0	3	0	3	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	3	0	3	0	3	0
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	3	0	3	0	3	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	3	0	3	0	3	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	3	0	3	0	3	0
34611	2,4-DINITROTOLUENE TOTWUG/L	3	0	3	0	3	0
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	3	0	3	0	3	0
34616	2,4-DINITROPHENOL TOTWUG/L	3	0	3	0	3	0
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	3	0	3	0	3	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	3	0	3	0	3	0
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	3	0	3	0	3	0
34626	2,6-DINITROTOLUENE TOTWUG/L	3	0	3	0	3	0
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	3	0	3	0	3	0
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	3	0	3	0	3	0
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	3	0	3	0	3	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	3	0	3	0	3	0
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	3	0	3	0	3	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	6	0	6	0	4	0
34646	4-NITROPHENOL TOTWUG/L	3	0	3	0	3	0
34649	4-NITROPHENOL DRY WGTBOTUG/KG	3	0	3	0	3	0
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	3	0	3	0	3	0
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	3	0	3	0	3	0
34668	DICHLORODIFUOROMETHANE TOTWUG/L	3	0	3	0	3	0
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	3	0	3	0	3	0
34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	3	0	3	0	3	0
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	3	0	3	0	3	0
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	3	0	3	0	3	0
34696	NAPHTHALENE TOTWUG/L	3	0	3	0	3	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	27	0	26	1	15	6
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	3	0	3	0	3	0
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	3	0	3	0	3	0
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	1	0	1	0	1	0
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	1	0	1	0	1	0
39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	1	0	1	0	1	0
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	1	0	1	0	1	0
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	1	0	1	0	1	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	3	0	3	0	3	0
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	3	0	3	0	3	0
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	3	0	3	0	3	0
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	3	0	3	0	3	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	3	0
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	3	0	3	0	3	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	3	0	3	0	3	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	3	0	3	0	3	0
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	1	0	1	0	1	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	16	0	15	1	9	6
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	0	4	1	3	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	4	0	3	1	1	0
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	3	0	2	1	2	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	22	0	21	1	14	6
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	3	0	2	1	2	0
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	2	0	2	0	2	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	8	0	7	1	2	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	4	0	3	1	2	0
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	8	0	7	1	2	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	4	0	3	1	2	0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	16	0	15	1	9	6
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	4	0	3	1	2	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	16	0	15	1	9	6
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	5	0	4	1	3	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	16	0	15	1	9	6
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	0	4	1	3	0

Parameter Period of Record Tabulation
From 12/15/56 To 12/29/98

Parameter Code	Name	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	4	0	3	1	1	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	1	1	1	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	28	0	27	1	3	1
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	5	0	4	1	3	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	29	0	28	1	15	7
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	3	0	2	1	2	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	29	0	28	1	15	7
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	3	0	2	1	2	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	7	0	7	0	7	6
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	1	0	1	0	1	0
39491	PCB - 1221 BOT. DEP..PCB SERIES DRY SOL UG/KG	1	0	1	0	1	0
39495	PCB - 1232 BOT. DEP..PCB-SERIES DRY SOL UG/KG	1	0	1	0	1	0
39499	PCB - 1242 BOT. DEP..PCB-SERIES DRY SOL UG/KG	1	0	1	0	1	0
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1	0	1	0	1	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1	0	1	0	1	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1	0	1	0	1	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	1	0	1	0	1	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	6	0	5	1	2	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	6	0	5	1	4	0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	5	0	4	1	2	1
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	0	2	1	2	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	4	0	3	1	1	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	0	2	1	2	0
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	4	0	3	1	1	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	0	1	1	1	0
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	4	0	3	1	1	0
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	2	0	1	1	1	0
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	3	0
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	4	0	4	0	4	0
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	3	0	3	0	3	0
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	3	0	3	0	3	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	29	0	28	1	15	7
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	1	1	1	0
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	26	0	25	1	14	6
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	1	1	1	0
39755	MIREX, TOTAL (UG/L)	4	0	4	0	1	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	29	0	28	1	15	7
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	1	1	1	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	8	0	8	0	7	6
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	4	0	3	1	1	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	1	1	1	0
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	4	0	3	1	1	0
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	2	0	1	1	1	0
46000	PHENOLS MG/L	20	20	0	0	3	0
46530	SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM.%DRY WT	9	8	1	0	9	2
46531	SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM.%DRY WGT	13	12	1	0	12	3
48032	MICROPTERUS PUNCTULATUS-SPOTTED BASS-#/EFFORT	1	1	0	0	1	0
48201	FECAL COLIFORM MPN & MEMBRANE FILTER, 44.5C	2	0	2	0	1	1
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	4	0	0	4	3	0
50051	FLOW, RATE, INSTANTANEOUS MGD	9	0	0	9	2	0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5	0	0	5	1	0
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	3	3	0	0	3	0
60200	ALGAE, COCCOID GREEN (CELLS/ML)	5	0	5	0	4	0
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	5	0	5	0	4	0
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	5	0	5	0	4	0
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	69	0	0	69	6	0
70222	WAVE HEIGHT (WMO CODE 1555)	35	0	0	35	35	3
70223	WAVE PERIOD (WMO CODE 3155)	35	0	0	35	35	3
70294	RESIDUE,TOTAL DISS,UNSPEC CALC BASED ON COND MG/L	172	172	0	0	9	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	14	0	6	8	2	0
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	6	0	0	6	2	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	5	0	0	5	1	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	16	0	6	10	3	0
70305	SALINITY BASED ON CONDUCTIVITY	4550	3898	0	652	34	4
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	3	0	0	3	1	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	354	6	6	342	35	5
70990	PHYTOPLANKTON PRODUCTION,C-14 METHOD (C-G/M3/HR)	20	0	0	20	2	0
71815	DENSITY, SEA WATER (AS SIGMA-T G/L-1000)	166	0	0	166	41	2
71816	SOUND VELOCITY, WILSON'S FORMULA (M/SEC)	164	0	0	164	40	2

Parameter Period of Record Tabulation
From 12/15/56 To 12/29/98

Parameter Code	Name	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
71817	INVALID PARAMETER	78	0	0	78	40	2
71850	NITRATE NITROGEN.TOTAL (MG/L AS NO3)	1	0	0	1	1	0
71851	NITRATE NITROGEN. DISSOLVED (MG/L AS NO3)	6	0	0	6	2	0
71855	NITRITE NITROGEN.TOTAL (MG/L AS NO2)	1	0	0	1	1	0
71886	PHOSPHORUS. TOTAL. AS PO4 - MG/L	7	0	7	0	7	5
71887	NITROGEN. TOTAL. AS NO3 - MG/L	34	0	30	4	19	0
71900	MERCURY. TOTAL (UG/L AS HG)	139	56	34	49	33	9
71920	MERCURY.TOT IN BOT DEPOS OR PULP(MG/KG.WET WGT)	3	0	0	3	1	0
71921	MERCURY.TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12	6	5	1	10	2
74010	IRON. TOTAL (MG/L AS FE)	16	16	0	0	1	0
80030	ALPHA.DISSOLVED GROSS.AS URANIUM-NATURAL.UG/L	1	0	0	1	1	0
80040	ALPHA.SUSPENDED GROSS. AS URANIUM-NATURAL. UG/L	1	0	0	1	1	0
80050	BETA.DISSOLVED GROSS.AS SR-Y-90. PC/L	1	0	0	1	1	0
80060	BETA.SUSPENDED GROSS.AS SR-Y-90. PC/L	1	0	0	1	1	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	8	0	5	3	1	0
80250	SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	13	12	1	0	12	3
80251	SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	13	12	1	0	12	3
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	13	12	1	0	12	3
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	1	0	1	0	1	0
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	2	1	1	0	2	0
81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	2	1	1	0	2	0
81629	IRON IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	1	0	0	1	0
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	2	1	1	0	2	0
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	2	1	1	0	2	0
81635	SILVER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	0
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	2	1	1	0	2	0
81637	SHELLFISH SPECIES NUMERIC CODE	1	0	1	0	1	0
81796	CHROMIUM IN SHELLFISH TISSUE. DRY WEIGHT MG/KG	1	1	0	0	1	0
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE. FEET	4786	4786	0	0	18	4
82078	TURBIDITY.FIELD NEPHELOMETRIC TURBIDITY UNITS.NTU	21	0	21	0	10	10
82079	TURBIDITY.LAB NEPHELOMETRIC TURBIDITY UNITS. NTU	2962	2949	13	0	38	4
82246	NATURAL SUBSTRATE.DIVERSITY INDEX	30	0	30	0	11	2
82247	NATURAL SUBSTRATE +/- DIVERSITY INDEX	3	0	3	0	1	1
82248	NATURAL SUBSTRATE.REDUNDANCY INDEX	3	0	3	0	1	1
82249	NATURAL SUBSTRATE.+/- REDUNDANCY INDEX	3	0	3	0	1	1
82250	NATURAL SUBSTRATE - NUMBER OF SPECIES	30	0	30	0	11	2
82251	ARTIFICIAL SUBSTRATE.DIVERSITY INDEX	1	0	1	0	1	0
82255	ARTIFICIAL SUBTRATE #OF SPECIES INDEX	1	0	1	0	1	0
82394	HARDNESS.TOTAL CALCULATED(CA.MG.FE) AS CACO3 MG/L	16	16	0	0	1	0
82547	CHLOROPHYLL A.PERIPHYTON.FLUOROMETRIC MG/M2	1	1	0	0	1	0
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	6	6	0	0	2	0
83500	SAMPLE. AREA SQUARE CENTIMETERS	400	129	250	21	52	12
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	17	0	17	0	17	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	17	0	17	0	17	0
84007	ANATOMY ALPHA CODE	1	0	1	0	1	0
84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	1	0	1	0	1	0
84009	SHELLFISH SPECIES ALPHANUMERIC CODE	1	0	1	0	1	0
85207	SOLIDS. VOLATILE. IN SEDIMENT BY PERCENT	6	6	0	0	6	2

CONTACTS FOR AGENCY CODES RETRIEVED FOR GUIS

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
12ESCBAY	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 12ESCBAY HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
21FLA	DETSCHER, PATRICK	FLORIDA DEPT ENV PROTECTN	(850)921-9925	
21FLBFA	DONELAN, LAWRENCE	FL DEPT OF ENVIRON REG	(850)945-6300	
1113S050	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
1113T070	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
1113S000	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
1114PEST	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
21FLNWFD	BARTON, DAVID	NW FLORIDA WATER DISTRICT	(850)539-5999	
11EPAMW	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
21MSWQ	REED, RANDOLPH	MISSISSIPPI DEPT NAT RES	(601)961-5158	(601)961-5632
11NATDC	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
21FLCMP	DETSCHER, PATRICK	FLORIDA DEPT ENV PROTECTN	(850)921-9925	
110EHL	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 110EHL HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
21FLGFWF	CONNOR, LARRY	FL GME AND FRSH WTR FISH	(352)742-6438	

QUANTITY OF DATA RETRIEVED FOR GUIS BY AGENCY CODE

WITHIN THE ENTIRE STUDY AREA (S.A.) AND JUST WITHIN THE PARK

ency	Organization	Period of Record Study Area	/ Park Only	Water Quality Stations S.A./Park		Longer Term Stations S.A./Park		No Data Stations S.A./Park		Water Quality Observations S.A./Park		Water Quality Parameters S.A./Park	
NPSWRD	NATIONAL PARK SERVICE	12/15/56-08/24/94	12/15/56-08/24/94	142	140	0	0	0	0	4207	4201	13	13
ESCBAY	USEPA HQ	09/14/71-09/16/71	09/14/71-09/15/71	42	3	0	0	0	0	1366	74	14	14
FLA	FLORIDA DEPT ENV PROTECTN	09/11/68-12/29/98	10/31/68-12/29/98	344	54	95	23	43	4	68958	14528	193	110
FLBFA	FL DEPT OF ENVIRON REG	03/05/89-12/20/98	04/06/94-11/17/98	46	12	17	4	1	0	12830	2994	38	29
13S050	USEPA REGION 4	02/11/65-06/28/68	02/19/68-03/29/68	40	5	0	0	0	0	5111	659	24	16
13T070	USEPA REGION 4	01/11/73-09/12/74	04/14/73-08/25/73	48	2	0	0	15	1	15576	754	32	17
13S000	USEPA REGION 4	06/09/72-08/02/72	No Data in Park	10	0	0	0	0	0	1029	0	43	0
14PEST	USEPA REGION 4	12/09/86-12/09/86	No Data in Park	2	0	0	0	0	0	18	0	3	0
FLNWFD	NW FLORIDA WATER DISTRICT	02/13/92-10/13/92	No Data in Park	11	0	0	0	9	0	121	0	20	0
EPAMW	USEPA HQ	01/17/77-01/17/77	No Data in Park	2	1	0	0	1	1	12	0	12	0
MSWQ	MISSISSIPPI DEPT NAT RES	08/04/75-12/17/98	No Data in Park	21	0	6	0	0	0	7922	0	87	0
NATDC	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
FLCMP	FLORIDA DEPT ENV PROTECTN	06/11/95-12/13/98	06/09/96-12/13/98	9	1	9	1	0	0	4867	441	26	24
OEHL	USEPA HQ	02/08/77-07/29/77	03/02/77-07/29/77	27	7	0	0	8	0	1245	710	58	56
2WRD	US GEOLOGICAL SURVEY	06/03/66-02/20/84	No Data in Park	28	0	1	0	0	0	2029	0	283	0
FLGFWF	FL GME AND FRSH WTR FISH	07/23/90-04/11/94	No Data in Park	1	0	1	0	0	0	368	0	25	0
tals		12/15/56-12/29/98	12/15/56-12/29/98	774	225	129	28	78	6	125659	24361	474	154

tion With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the GUIS Study Area

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
FL0002500	USN NAS PENSACOLA STP	DEPT OF THE NAVY	PENSACOLA	PENSACOLA BAY
FL0020478	MARY ESTHER STP	TOWN HALL P O BOX 397	MARY ESTHER	SANTA ROSA SOUND
FL0021440	ESCAMBIA CNTY MAIN STREET WTP	401 WEST GOVERNMENT ST	PENSACOLA	PENSACOLA BAY
FL0023981	SANTA ROSA ISL NAVARRE BCH STP	8220 GULF BLVD	GULF BREEZE	SANTA ROSA SOUND
FL0024007	SANTA ROSA ISL PENSCLA BCH STP	PO BOX 1208	PENSACOLA BEACH	SANTA ROSA SOUND
FL0025411	PERDIDO BAY COUNTRY CLUB EST	ONE DOUG FORD DR	PENSACOLA	GARCON BAYOU
FL0026310	GULF BREEZE STP	PO BOX 640	GULF BREEZE	SANTA ROSA SOUND
FL0027502	OKALOOSA ISLAND WWTP	10 FIRST AVE	FORT WALTON BEACH	SANTA ROSA SOUND
FL0028410	PENSACOLA PEN HAVEN STP	801 FRANCIS DR	PENSACOLA	CHICO BAYOU
FL0038814	REICHHOLD CHEMICALS INC	PO BOX 1433	PENSACOLA	BAYOU CHICO
YCRCLA190	AMERICAN CREOSOTE WKS INC		PENSACOLA	
YCRCLA196	PIONEER SAND CO		PENSACOLA	
MS0001465	GOLLOTT & CANAAN SEAFOOD BILOX	1410 EAST BAY VIEW	BILOXI	BACK BAY BILOXI
MS0001627	DEJEAN PACKING CO	P. O. BOX 509	BILOXI	BILOXI BAY
MS0001708	CRUSO CANNING CO BILOXI	P O DRAWER DD	BILOXI	NO BILOXI BAY
MS0001759	WEEMS BROTHERS SEAFD	1124 EAST BAYVIEW BLVD	BILOXI	BACK BAY BILOXI
MS0002283	MOORES SEAFOOD	.....	BILOXI	MISSISSIPPI SOUN
MS0002321	KULJIS SEAFOOD	PO BOX 615	BILOXI	BILOXI BAY
MS0002771	M & M SHRIMP BILOXI	P O BOX 941	BILOXI	BAYOU AUGUSTE
MS0002836	L D GOLLOTT SEAFOOD BILOXI	.....	BILOXI	BACK BAY
MS0002879	E M GOLLOTT SEAFOOD BILOXI	1052 E BAYOU AVE	BILOXI	BACK BAY
MS0003069	INGALLS NUCLEAR SHIPBUILDING	PO BOX 149	PASCAGOULA	PASCAGOULA RIVER
MS0003361	GULF CENTRAL SEAFOOD	P O BOX 373	BILOXI	BILOXI BAY
MS0003506	WEST SEAFOOD BILOXI	EAST BEACH	BILOXI	MISSISSIPPI SOUND
MS0021725	WINDSOR PARK	COAST WATERWORKS	BILOXI	OLD FORT BAYOU
MS0021938	DAUGHERTY PLT	P. O. BOX 2409	GULFPORT	BAYOU PORTAGE
MS0022454	ANCIENT OAKS UTIL BILOXI	P O BOX 1676	GULFPORT	TCHOUTICABOUFFA
MS0024082	OCEAN SPRINGS STP	604 A PINE DR	OCEAN SPRINGS	D TO MISSISSIPPI SND
MS0028924	MAGNOLIA UTIL PARKWOOD PLT	120 PASS RD	BILOXI	BAY TO MISSISSIPPI SND
MS0035572	GAUTIER CAR WASH	LADNER RD	GAUTIER	BAYOU TO GULF OF MEXICO
MS0037001	OCEAN SPRINGS SEAFOOD CO	P.O.BOX 516	OCEAN SPRINGS	BILOXI BAY
MS0037028	C J DAVIS SLAUGHTERHOUSE	RT2. BOX 248	BILOXI	HOWARD CREEK
MS0039322	L D GOLLOTT SEAFOOD CO INC	PO BOX 207	BILOXI	BACK BAY OF BILOXI

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)

No drinking water intakes available for this study area.

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USCE18056	GULF MEXICO DESTIN E	Estuary			
USCE301850087254001	INTRACOASTAL WATERWA	Estuary			
USCE302352086520001	INTRACOASTAL WATERWA	Estuary			

Station Period of Record Tabulation
From 12/15/56 To 12/29/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0001!	SANDPIPER COVE D.O.T. OUTFALL ALSO 21FLA STATION	No	466	466	0	0
GUIS0002	KELL-AIR LAKE HEAD OF JOES BAYOU	No	0	0	0	0
GUIS0003	DOT CANAL MOUTH OLD PASS LAGOON	No	0	0	0	0
GUIS0004	CHOCTAWHATCHEE BAY NORTH OF DESTIN FLA	No	0	0	0	0
GUIS0005	SAND PIPER COVE PUMP CANAL OLD PASS LAGOON	No	46	46	0	0
GUIS0006	OLD PASS LAGOON OFF SANDPIPER COVE MARINA	No	197	144	53	0
GUIS0007	SANDPIPER COVE S SHORE SAND FLAT BACKGROUND	No	6	0	6	0
GUIS0008	GULF OF MEXICO OFF SANDPIPPER COVE	No	63	63	0	0
GUIS0009!	OLD PASS LAGOON S. SHORE SANDFLAT BKGRD A 21FLA	No	529	529	0	0
GUIS0010	JOES BAYOU AT STP CULVERTS	No	37	31	6	0
GUIS0011!	Mossy Cove Townhomes	No	1746	1746	0	0
GUIS0012!	ICWW Channel Marker 25	No	1706	1706	0	0
GUIS0013!	JOE'S BAYOU S. CHOCTAWHATCHEE BAY	No	626	626	0	0
GUIS0014	DOT CANAL BRIDGE EASTERN END OLD PASS LAGOON	No	47	47	0	0
GUIS0015	CENTER OF JOES BOATYARD	No	25	0	25	0
GUIS0016	MDWY BTWN COBBS & BUCCAROO PT.	No	41	0	0	41
GUIS0017!	Mouth of Joe's Bayou	No	1751	1751	0	0
GUIS0018	MIDWAY IN SOUTH-MOST HOLIDAY IS.CANAL.OLD PASS	No	64	64	0	0
GUIS0019	CHOCTAWHATCHEE BAY SWIM AREA	No	17	0	0	17
GUIS0020	OLD PASS LAGOON OFF HOLIDAY ISLE CANAL	No	168	150	18	0
GUIS0021	CHOCTAW BAY BUCCAROO POINT	No	145	0	0	145
GUIS0022	CHOCTAWHATCHEE BAY CENTER DESTIN	No	107	30	47	30
GUIS0023	CHOCTAWHATCHEE BAY MTH FIVE MI B	No	149	0	0	149
GUIS0024	CHOCTAW BAY BUCCAROO PT CH MARK	No	109	0	0	109
GUIS0025	SP 68 CHOCTAWHATCHEE BAY	No	81	0	81	0
GUIS0026	ICWW Channel Marker 15	No	0	0	0	0
GUIS0027!	Mouth of Marler Bayou	No	1722	1722	0	0
GUIS0028	GULF OF MEXICO WEST OF WEST JETTY	No	14	14	0	0
GUIS0029!	EAST PASS MARINA OLD PASS LAGOON DESTIN HARBOR	No	523	523	0	0
GUIS0030	GULF OF MEXICO EAST OF EAST JETTY	No	15	15	0	0
GUIS0031	CHOCTAWHATCHEE BAY MAHLER AREA	No	17	0	0	17
GUIS0032!	OLD PASS LAGOON SE END EAST PASS TOWERS MARINA	No	139	139	0	0
GUIS0033!	Army Recreation Center in Destin	No	1739	1739	0	0
GUIS0034	CHOCTAWHATCHEE BAY OFF JACK LAKE	No	105	0	0	105
GUIS0035!	ICWW Channel Marker 11 in East Pass	No	1723	1723	0	0
GUIS0036	CHOCTAWHATCHEE BAY NR FORT WALTON BEACH	No	0	0	0	0
GUIS0037!	CHOCTAWHATCHEE BAY SECTION D	No	55	0	0	55
GUIS0038	CHOCTAWHATCHEE BAY N DESTIN PASS	Yes	142	70	0	72
GUIS0039	CHOCTAWHATCHEE BAY AT BUOY 16	No	0	0	0	0
GUIS0040	CHOC. BAY IN MIDDLE OF EAST PASS	Yes	68	68	0	0
GUIS0041	SP 69 CHOCTAWHATCHEE BAY	No	39	0	39	0
GUIS0042	SP 104 JACKS LAKE	No	0	0	0	0
GUIS0043	.2 MI N. OF US-98 BR. AT DESTIN	No	44	0	0	44
GUIS0044!	Entrance Old Pass Lagoon	Yes	1314	1314	0	0
GUIS0045	SP 70 CHOCTAWHATCHEE BAY	No	39	0	39	0
GUIS0046	CHOC.BAY MOUTH OF OLD PASS LAGOON	Yes	60	60	0	0
GUIS0047!	1 mile north of ICWW Channel Marker 16	Yes	1297	1297	0	0
GUIS0048	CHOCTAWHATCHEE BAY 1.5 MI NE EAS	No	18	18	0	0
GUIS0049	CHOCTAWHATCHEE BAY N BENS LAKE	No	58	33	0	25
GUIS0050	1.8 MI. EAST OF BLACK POINT	No	44	0	0	44
GUIS0051!	U.S. Coast Guard Station	Yes	1697	1697	0	0
GUIS0052	.5 MI S.E. OF BEN'S LAKE	No	44	0	0	44
GUIS0053	CHOCTAWHATCHEE BAY BENS LK STP	No	156	0	0	156
GUIS0054	CHOCTAWHATCHEE BAY E BENS LAKE	No	110	0	0	110
GUIS0055	SP 72 CHOCTAWHATCHEE BAY	No	0	0	0	0
GUIS0056!	Eglin AFB vortex station on Okaloosa Island	Yes	1711	1711	0	0
GUIS0057	Mouth of Memorial Lake	No	0	0	0	0
GUIS0058	CHOCTAWHATCHEE B PLEWS STP	No	29	0	0	29
GUIS0059	1 mile north of ICWW Channel Marker 16	No	0	0	0	0
GUIS0060	BENS LAKE CTR	No	15	0	0	15
GUIS0061	BENS LAKE CTR	No	0	0	0	0
GUIS0062	Mouth of Bens Lake	No	0	0	0	0
GUIS0063	CHOCTAWHATCHEE BAY SE BENS LAKE	No	131	0	0	131
GUIS0064	CHOCTAWHATCHEE BAY NR FORT WALTON BEACH	No	0	0	0	0
GUIS0065	1. MI SOUTH OF BLACK POINT	No	93	0	0	93
GUIS0066	CHOCTAWHATCHEE BAY BLACK PT	No	27	0	0	27
GUIS0067	ICWW Channel Marker 2	No	0	0	0	0
GUIS0068	.75 miles south of ICWW Channel Marker 2	No	0	0	0	0
GUIS0069	CHOCTAWHATCHEE BAY SEC B BACKGRN	No	0	0	0	0
GUIS0070	CHOCTAWHATCHEE BAY OFF BLACK PT	No	116	0	0	116
GUIS0071!	ICWW Channel Marker 1 Santa Rosa Sound	No	1699	1699	0	0

Station Period of Record Tabulation
From 12/15/56 To 12/29/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0072	SP 98 POQUITO BAYOU	No	11	0	11	0
GUIS0073	CHOCTAWHATCHEE BAY FT WALTON B	Yes	248	124	106	18
GUIS0074	CHOCTAWHATCHEE BAY MEGGS AREA	No	17	0	0	17
GUIS0075!	SANTA ROSA SD E OF HWY 98 CR	Yes	209	6	41	162
GUIS0076	SP 97 POQUITO BAYOU	No	11	0	11	0
GUIS0077	SP 96 POQUITO BAYOU	No	47	0	47	0
GUIS0078	SP 95 POQUITO BAYOU	No	35	0	35	0
GUIS0079!	POQUITO BAYOU CENTER	No	53	0	0	53
GUIS0080!	OKALOOSA ISL.CHOCTAW.BAY NR FT WALTON BEACH PARK	Yes	441	441	0	0
GUIS0081	W CHOCTAW BAY MOUTH IW AT FLA 2	No	114	0	0	114
GUIS0082	CHOCTAWHATCHEE B OFF GOLF COURSE	Yes	121	0	0	121
GUIS0083	CHOCTAW BAY N FT WALTON STP OUTF	No	173	0	0	173
GUIS0084	CHOCTAWHATCHEE BAY SWIM AREA	No	8	0	0	8
GUIS0085	CHOCTAWHATCHEE BAY OFF FT WALTON	No	125	0	0	125
GUIS0086	Headwaters of Poquito Bayou	No	0	0	0	0
GUIS0087	FIVE MILE BAYOU TOWARD FAR END	No	120	0	0	120
GUIS0088	GARNIER BAYOU OUT FROM DONS BAYU	No	147	0	0	147
GUIS0089	Shalimar Yacht Basin	No	0	0	0	0
GUIS0090	Mouth of Poquito Bayou	No	0	0	0	0
GUIS0091	GARNIERS BAYOU HWY 85 BRIDGE E	No	18	0	0	18
GUIS0092	MOUTH OF GARNIER BAYOU	No	44	0	0	44
GUIS0093	GARNIER BAYOU 3/4 MI N BRID CENT	No	74	0	21	53
GUIS0094!	CINCO BAYOU SECTION C BACKGROUND	No	88	0	19	69
GUIS0095!	GARNIER BAYOU SR85 BRID CENTER	No	199	0	0	199
GUIS0096	Mouth of Lake Clyde	No	0	0	0	0
GUIS0097!	GARNIER BAYOU HAND COVE	No	532	532	0	0
GUIS0098	GARNIERS BAYOU HWY 85 BRIDGE W	No	17	17	0	0
GUIS0099	GARNIER BAYOU SWIM AREA AT HWY 8	No	17	0	0	17
GUIS0100	Lake Earl boat channel	No	0	0	0	0
GUIS0101!	SANTA ROSA SD 1/2 E OF 98	Yes	248	0	36	212
GUIS0102	MOUTH OF NARROWS. ICW MARKER 4	No	43	0	0	43
GUIS0103	Center span of Shalimar Bridge	No	0	0	0	0
GUIS0104	GARNIER BAYOU 1 1/2 MI NW BRID C	No	14	0	0	14
GUIS0105	GARNIERS BAYOU CENTER	No	73	0	20	53
GUIS0106	CHULA VISTA BAYOU MOUTH	No	37	0	0	37
GUIS0107!	CINCO BAYOU ENTRANCE	No	45	0	0	45
GUIS0108	GARNIER BAYOU AT MOUTH	No	114	0	0	114
GUIS0109	FIVE MILE BAYOU N F WALTON BEACH	No	175	0	0	175
GUIS0110	Ft. Walton Beach Yacht Club	No	0	0	0	0
GUIS0111	FIVE MILE BAYOU W OF BRIDGE	No	123	0	0	123
GUIS0112	GARNIER BAYOU SOUTH OF BRIDGE	No	150	0	0	150
GUIS0113	BOGGY BAYOU NEAR CAN BUOY 11	No	120	0	0	120
GUIS0114	FIVE MILE BAYOU N F WALTON BEACH	No	122	0	0	122
GUIS0115	CINCO BAYOU MOUTH	No	17	0	0	17
GUIS0116!	SANTA ROSA SD AT OKAL ISLE STP	Yes	259	0	37	222
GUIS0117!	BROOKS BRIDGE SANTA ROSA SOUND	No	626	626	0	0
GUIS0118	DON'S BAYOU S SHORE COVE NEAR 152 BAYOU DR	No	9	9	0	0
GUIS0119	CINCO BAYOU .25 MI NW OF HWY85 BRIDGE	No	6	0	6	0
GUIS0120!	CINCO BAYOU HWY 85 BRIDGE	No	248	0	22	226
GUIS0121	CINCO BAYOU NW OF HWY 85 CR	No	14	0	0	14
GUIS0122	STORM SEWER DRAIN AT OCEAN CITY	No	23	0	0	23
GUIS0123!	CINCO BAYOU PARK AT EASTSIDE OF BRIDGE	No	487	487	0	0
GUIS0124!	SANTA ROSA SD AT FT WALT B STP	No	217	0	37	180
GUIS0125	CINCO BAYOU 1 MI W OF BRID CEN	No	14	0	0	14
GUIS0126	DONS BAYOU CENTER	No	180	99	0	81
GUIS0127	Hudson Marina	No	0	0	0	0
GUIS0128	Center span of Brooks Bridge	No	0	0	0	0
GUIS0129	Center span of Cinco Bayou Bridge	No	0	0	0	0
GUIS0130	S.R.SND. SOUTH OF BEAL PKWY SR189 FT WALTON	No	0	0	0	0
GUIS0131	BASS LK DRAINAGE MOONEY DR HEAD DON'S BAYOU	No	9	9	0	0
GUIS0132	FIVE MILE BAYOU N F WALTON BEACH	No	120	0	0	120
GUIS0133	SANTA ROSA SOUND AT FT WALTON BH	No	160	0	0	160
GUIS0134	S.R.SND. @ SOUTH END OF TUCKERS PIER FT WALTON	No	0	0	0	0
GUIS0135	S.R.SND. @ TUCKERS REDFISH PEN FT WALTON	No	0	0	0	0
GUIS0136	Head of West arm of Cinco Bayou	No	0	0	0	0
GUIS0137!	CINCO BAYOU SEC B	No	101	0	6	95
GUIS0138	SANTA ROSA SOUND SEC A BACKGROUN	Yes	0	0	0	0
GUIS0139	SP 56 SANTA ROSA SOUND	No	135	0	135	0
GUIS0140!	LIZA JACKSON PARK NEAR BOAT DOCK	No	637	637	0	0
GUIS0141!	SANTA ROSA SD AT MARY ESTHER	Yes	212	0	68	144
GUIS0142	SANTA ROSA SOUND IN IW AT CAN 39	Yes	124	0	0	124

Station Period of Record Tabulation
From 12/15/56 To 12/29/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0143	SANTA ROSA SOUND MOUTH KOHLER BU	Yes	166	0	0	166
GUIS0144	SANTA ROSA BAYOU E OF KOHLER B	No	23	0	0	23
GUIS0145	SP 109 HURLBURT DITCH	No	39	0	39	0
GUIS0146	SANTA ROSA SOUND US HWY 98 BDG	No	173	0	0	173
GUIS0147	SP 116 HURLBURT DITCH	No	0	0	0	0
GUIS0148	SP 110 HURLBURT DITCH	No	40	0	40	0
GUIS0149	SP 117 HURLBURT DITCH	No	0	0	0	0
GUIS0150	SANTA ROSA SOUND AT FLA 5	Yes	124	0	0	124
GUIS0151	SANTA ROSA SOUND MOUTH IN IW	Yes	124	0	0	124
GUIS0152	SP 57 SANTA ROSA SOUND	Yes	135	0	135	0
GUIS0153	SP 111 SANTA ROSA SOUND	Yes	10	0	10	0
GUIS0154!	SANTA ROSA SOUN SEC J BACKGR STA	Yes	190	0	37	153
GUIS0155	SP 47 TURTLE CREEK	No	0	0	0	0
GUIS0156	SAMTA ROSA SND MANATEE PT MARKER 75 PNS	No	144	144	0	0
GUIS0157!	SANTA ROSA SOUND MANATEE POINT	No	1034	64	948	22
GUIS0158	SANTA ROSA SOUND 400 YD W MANATE	No	41	0	0	41
GUIS0159	SP 58 SANTA ROSA SOUND	Yes	135	0	135	0
GUIS0160	SP 48 PRAIRIE CREEK	No	0	0	0	0
GUIS0161	Praire Cr. ab East Bay Riv.	No	51	51	0	0
GUIS0162	SP 92 EAST BAY RIVER	No	47	0	47	0
GUIS0163	EAST BAY RIVER NR WYNNEHAVEN BEACH FL	No	141	0	0	141
GUIS0164	CHOCTAW BAY WEST	No	97	0	0	97
GUIS0165	SANTA ROSA SOUN SEC I BACKGR STA	Yes	78	0	46	32
GUIS0166	SP 59 SANTA ROSA SOUND	Yes	134	0	134	0
GUIS0167	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0168	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0169	SP 115 SANTA ROSA SOUND	Yes	50	0	50	0
GUIS0170	SP 49 PANTHER CREEK	No	0	0	0	0
GUIS0171	FLA TERRITORIAL SEA OFF ESCAROSA	Yes	34	0	0	34
GUIS0172	SP 112 SANTA ROSA SOUND	Yes	102	0	102	0
GUIS0173	SP 60 SANTA ROSA SOUND	Yes	144	0	144	0
GUIS0174	SANTA ROSA SOUND	Yes	21	0	0	21
GUIS0175	SANTA ROSA SOUND	Yes	31	0	0	31
GUIS0176	SANTA ROSA SND 400YDS E OF NAVARRE BRIDGE	Yes	163	163	0	0
GUIS0177!	SANT ROS SOUN CAN NAVARRE BE BR	Yes	132	0	42	90
GUIS0178!	SANTA ROSA SOUND 400 YD E NAV BR	Yes	89	0	63	26
GUIS0179	GULF OF MEXICO NAVARR BEACH PIER	Yes	75	37	6	32
GUIS0180	NAVARRE BEACH BOAT RAMP S.R.SND. SW END BRIDGE	No	0	0	0	0
GUIS0181!	SANT ROS SOUN NAVAR BE STP OUTFA	No	1083	894	35	154
GUIS0182	SP 93 EAST BAY RIVER	No	11	0	11	0
GUIS0183	EAST BAY CREEK AT FL87 ALSO FDEP SATAION	No	322	322	0	0
GUIS0184	EAST BAY RIV HWY 87 BRID	No	162	26	100	36
GUIS0185!	EAST BAY RIVER AT HIGHWAY 87	No	368	368	0	0
GUIS0186	E BAY HEAD BAY MO E BAY RI	No	66	0	0	66
GUIS0187!	DEAN CREEK SECT.6 HOLLY ABOVE HWY.87 S.R.CO.	No	207	207	0	0
GUIS0188	SANTA ROSA SND AT NAVARRE BCH WWTP OUTFALL	No	140	140	0	0
GUIS0189	NAVARRE BEACH SRS WEST OF STP AND CANALS	No	82	82	0	0
GUIS0190	WILLIAMS CREEK HWY98 W OF NAVARRE ECO REG 75A	No	0	0	0	0
GUIS0191	SP 50 DEAN CREEK	No	0	0	0	0
GUIS0192!	SAN ROS SOUN INTRAC CA CHAN MKR	No	161	0	34	127
GUIS0193	E BAY 200 YDS FROM BARNARDS PIER	No	36	0	0	36
GUIS0194	EAST BAY 1000 YDS WEST OF MOUTH	No	16	0	0	16
GUIS0195	EAST BAY SOUTH SHORE	No	5	0	0	5
GUIS0196!	E BAY SEC F BACKGR STA S HOLLEY	No	210	0	20	190
GUIS0197	SANTA ROSA SOUND W OF NAVARRE BRIDGE	No	74	62	12	0
GUIS0198	PLANK NURSERY WELL	No	4	0	4	0
GUIS0199!	SANTA ROSA SOUND FLASHER 121	No	100	0	28	72
GUIS0200	FLA TERRITORIAL SEA OFF ESCAROSA	No	28	0	0	28
GUIS0201!	SANTA ROSA SOUN SEC H BACKGR STA	Yes	124	12	0	112
GUIS0202	FLA TERRITORIAL SEA OFF ESCAROSA	No	39	0	0	39
GUIS0203	FLA TERRITORIAL SEA OFF ESCAROSA	No	33	0	0	33
GUIS0204	EAST BAY 2 1/2 MI SE E BAY RI	No	55	0	20	35
GUIS0205	EAST BAY 1 MI SW MO E BAY RIVER	No	88	0	20	68
GUIS0206	POND WEST OF SANTA ROSA ISLAND DAY USE AREA	Yes	559	559	0	0
GUIS0207	SANTA ROSA SND WOODLAWN BEACH AREA NORTH SHORE	No	17	17	0	0
GUIS0208	SANTA ROSA SND OFF WOODLAWN BEACH	No	138	138	0	0
GUIS0209	3 1/2 MI 129 DEGREES SE OF 023	No	404	0	0	404
GUIS0210	1/2 MI T N OF 123	No	405	0	0	405
GUIS0211	3/5 MI T N OF 093	No	405	0	0	405
GUIS0212	ESCAMBIA R US 90 AT RIVERVIEW	No	249	0	0	249
GUIS0213	EAST BAY W MO E BAY RI	No	62	0	19	43

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0214	SANTA ROSA SOUND W WOODLAWN BCH	Yes	64	64	0	0
GUIS0215	BLACKWATER BAY ROBINSON PT 100 Y	No	153	23	38	92
GUIS0216	3/5 MI 180 DEGREES S OF 082	No	405	0	0	405
GUIS0217	3/5 MI 180 DEGREES S OF 121	No	404	0	0	404
GUIS0218	3/5 MI 183 DEGREES S OF 083	No	405	0	0	405
GUIS0219	1/2 MI 180 DEGREES S OF 081	No	405	0	0	405
GUIS0220	E BAY SSHORE 100 YD W END S 399	No	33	0	19	14
GUIS0221	SANTA ROSA SND BIG SABINE COVE SE OF B.G.POINT	Yes	166	166	0	0
GUIS0222	S E BIG SABINE PT SANTA ROSA SOUND E OF P'BEACH	Yes	0	0	0	0
GUIS0223	EAST BAY	No	1303	0	0	1303
GUIS0224	2 1/2 MI 180 DEGREES S OF 023	No	549	0	0	549
GUIS0225	3 1/5 MI 180 DEGREES S OF 023	No	405	0	0	405
GUIS0226	1 4/5 MI 180 DEGREES S OF 023	No	549	0	0	549
GUIS0227	SANTA ROSA SOUND AT BIG SABINE POINT	Yes	66	66	0	0
GUIS0228	1 1/3 MI 190 DEGREES SW OF 023	No	570	0	0	570
GUIS0229	LOWER EAST BAY REDFISH COVE NE W SANDY BLUFF RD	No	366	366	0	0
GUIS0230!	EAST BAY AT BUOY C3	No	307	0	52	255
GUIS0231	SANTA ROSA SND S OF TIGER PT LKS 22/23	No	17	17	0	0
GUIS0232	TIGER PT LK 23 OUTFALL AT CARTPATH NEAR TEE 8E	No	17	17	0	0
GUIS0233	REDFISH COVE IN LINE WITH CHNL	No	511	0	0	511
GUIS0234	1 1/4 MI 206 DEGREES SW OF 023	No	402	0	0	402
GUIS0235	TIGER PT LK 22 OUTFALL PIPE S OF FAIRWAY 7E	No	17	17	0	0
GUIS0236	DITCH HWY98.4MI E TIGER PT BLVD WEST ENTERANCE	No	17	17	0	0
GUIS0237	SANTA SOSA SND SOUTH OF TIGER PT TEE 15-W	No	137	137	0	0
GUIS0238	SANTA ROSA SND S OF TEE 15W NORTH SHORE	No	17	17	0	0
GUIS0239	TIGER PT GOLF COURSE E OF TEE 15W	No	17	17	0	0
GUIS0240	TIGER PT WIER FROM LK 11 S OF FAIRWAY 16W	No	17	17	0	0
GUIS0241	SANTA ROSA SND S OF LK11 TIGER PT GOLF COURSE	No	17	17	0	0
GUIS0242!	Halfway between White Pt & Redfish Pt	No	2349	2349	0	0
GUIS0243	EAST BAY S. SHORE DUE S.OF WHITE PT.(GARCON PT)	No	0	0	0	0
GUIS0244	4/5 MI 192 DEGREES SW OF 101	No	405	0	0	405
GUIS0245!	SANTA ROSA SOU SAN ROS SH STP DI	No	108	0	0	108
GUIS0246	PENSACOLA BAY OFF REDFISH POINT	No	76	76	0	0
GUIS0247!	Red Fish Point channel	No	2973	2973	0	0
GUIS0248	UNNAMED DITCH AT 5376 WEST AVE ORIOLE BEACH	No	6	6	0	0
GUIS0249	3/4 MI 192 DEGREES SW OF 102	No	593	0	0	593
GUIS0250	UNKNAMED CR. AT LAUREL ST BRIDGE W OF FAIRLANE	No	23	23	0	0
GUIS0251	EAST BAY OFF REDFISH PT NEAR N 2	No	157	157	0	0
GUIS0252!	EAST BAY ENTRANCE AT BUOY N2	No	326	21	23	282
GUIS0253	SANTA ROSA SND OFF BAY ST ORIOLE BEACH	No	134	134	0	0
GUIS0254	SANTA ROSA SND S OF BYU TWN S FAIRLANE/BAY ST	No	18	18	0	0
GUIS0255	2/3 MI 192 DEGREES SW OF 103	No	382	0	0	382
GUIS0256!	Garcon Point	No	3003	3003	0	0
GUIS0257	1 MI 347 DEGREES N REDFISH PT	No	0	0	0	0
GUIS0258	EAST BAY BETWEEN GARCON AND REDFISH POINTS	No	6	0	6	0
GUIS0259	EAST BAY	No	859	0	0	859
GUIS0260	PENS BAY SEC I AT BUOY C1	No	147	147	0	0
GUIS0261	PENSACOLA BAY 1200YDS OFF GARCON PT NEAR MK C1	No	136	136	0	0
GUIS0262	PENS BAY BETWEEN BUOYS C1 AND N2	No	0	0	0	0
GUIS0263	SANTA ROSA SND @ ORIOLE BEACH CR191 RAMP	No	687	687	0	0
GUIS0264	SANTA ROSA SND BACKGROUND FOR DEVELOPMENT CANALS	No	179	179	0	0
GUIS0265!	MULATTO BAYOU CEN 3RD BEND E BR	No	168	0	0	168
GUIS0266	4 MI E AREO BN/2 MI W GARCON PT	No	411	0	0	411
GUIS0267	SANTA ROSA SOUND E PENSACOLA STP	Yes	30	0	0	30
GUIS0268!	Bulkhead marsh south shore East Bay	No	2844	2844	0	0
GUIS0269	SANTA ROSA SD 500 YDS E STP OUTF	Yes	98	66	2	30
GUIS0270!	SANTA ROSA SOUND N PENS BE STP	Yes	178	36	0	142
GUIS0271!	Between Devil and Butcherpen Points	No	2530	2530	0	0
GUIS0272	GULF BREEZE POND 1	No	3	3	0	0
GUIS0273	2 3/10MI 256DEGREES W REDFISH PT	No	0	0	0	0
GUIS0274	BEAVER (BROWN'S) POND	Yes	485	485	0	0
GUIS0275!	SANT ROS SOUN PENSA BE STP OUTFA	Yes	245	0	36	209
GUIS0276	SANTA ROSA SND AT PENSACOLA BEACH WWTP OUTFALL	Yes	138	138	0	0
GUIS0277	FLA TERRITORIAL SEA OFF ESCAROSA	No	27	0	0	27
GUIS0278!	GULF OF MEXICO PENS BEACH PIER	Yes	1013	966	0	47
GUIS0279!	PENSACOLA BAY SEC I BACKGR STA	No	131	0	0	131
GUIS0280	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0281	SANTA ROSA SD 500 YD W BEACH STP	Yes	38	0	8	30
GUIS0282	ESCAMBIA BAY BUOY LIGHT 7	Yes	79	0	0	79
GUIS0283	2 7/10MI 234DEGREES SW GARCON PT	No	0	0	0	0
GUIS0284	SANTA ROSA SND 100YDS OFF QUIETWATER BCH RECAREA	Yes	138	138	0	0

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0285!	SANT ROS SOU QUIE WATE BE REC AR	Yes	1016	974	25	17
GUIS0286	PENS BA MID PENS B BR GARCON PO	No	39	0	0	39
GUIS0287	ESCAMBIA BAY E GULL POINT	Yes	2	0	0	2
GUIS0288	LITTLE SABINE BAY W.OF RESTAURAN	Yes	37	37	0	0
GUIS0289!	SAN ROS SOUN 100 FT MAI KAI DOCK	Yes	61	0	0	61
GUIS0290	LITTLE SABINE BAY OFF MAI KAI DOCK	Yes	145	145	0	0
GUIS0291	CHIPOLA RIVER AT SR71	No	52	17	20	15
GUIS0292	PENSACOLA BAY	No	929	0	0	929
GUIS0293	LITTLE SABINE BAY NEAR NE SHORE NEAR TANKS	Yes	479	479	0	0
GUIS0294	SANTA ROSA SND 100YDS OFF OLD SCOUT CAMP GINS	Yes	135	135	0	0
GUIS0295	SANTA ROSA SOUND AT SCOUT CAMP	Yes	116	116	0	0
GUIS0296	SANTA ROSA SND AT S W END PENSACOLA BEACH BRIDGE	Yes	137	137	0	0
GUIS0297!	SANT ROS SOUND ENT LITTLE SABINE	Yes	261	151	25	85
GUIS0298	FLA TERRITORIAL SEA OFF ESCAROSA	No	47	0	0	47
GUIS0299!	SANTA ROSA SOUN 100 FT E END APT	Yes	34	0	0	34
GUIS0300!	SANTA ROSA SOUND INTRACO CA CHAN	Yes	233	0	50	183
GUIS0301	2/5 MI 144 DEGREES NW SABINE PT.	Yes	0	0	0	0
GUIS0302	PENSACOLA BAY OFF BUTCHER PEN COVE	No	81	81	0	0
GUIS0303	PENSACOLA BAY E OF BAY BRIDGE	No	5	0	5	0
GUIS0304!	PENSACOLA BAY SEC H BACKGR STA	No	158	0	17	141
GUIS0305	PENSICOLA FLA GULF BREEZE LAB	Yes	0	0	0	0
GUIS0306	SANTA ROSA SOUND GULF BREEZE PK	No	105	78	27	0
GUIS0307	SANTA ROSA SOUND GULF BREEZE STP	No	216	79	31	106
GUIS0308	LAFITTE COVE EAST END SANTA ROSA ISLAND	Yes	36	36	0	0
GUIS0309	LAFITTE COVE S END/ENTERANCE CENTER S.R.ISLAND	Yes	0	0	0	0
GUIS0310	LAFITTE COVE WEST END SANTA ROSA ISLAND	Yes	0	0	0	0
GUIS0311	SANTA ROSA SOUND AT SHORELINE PARK	No	20	20	0	0
GUIS0312	HOFFMAN BAYOU CEN LOW HALF BAYO	No	59	0	14	45
GUIS0313	PENSACOLA BAY CEN PENS BAY BR	No	23	0	0	23
GUIS0314	PENSACOLA BAY IN TRISTAN TOWER AREA	Yes	65	65	0	0
GUIS0315	HOFFMAN BAYOU CTR	No	27	0	0	27
GUIS0316	HOFFMAN BAYOU CEN N HALF BAYO	No	63	0	18	45
GUIS0317	HOFFMAN BAY MOUTH	No	9	0	0	9
GUIS0318!	WOODLAND BAYOU CEN S HALF BAYO	No	87	0	18	69
GUIS0319	1 7/10 MI 90 DEGREES E P-8	No	0	0	0	0
GUIS0320	WOODLAND BAYOU MOUTH	No	40	0	0	40
GUIS0321!	WOODLAND BAYOU HD	No	43	0	0	43
GUIS0322	WOODLAND BAYOU MID PO N HAL BAYO	No	87	0	18	69
GUIS0323!	PENSACOLA BAY SEC K BACKGR STA	No	119	0	0	119
GUIS0324!	PENSACOLA BAY. S END OF BAY BRID	No	1207	1148	4	55
GUIS0325!	PENSACOLA BAY S PK PENS S BA BR	No	259	153	0	106
GUIS0326	SANT ROS SOU S DEER PO FLASH 144	Yes	100	22	25	53
GUIS0327	PENSACOLA BAY S OF DEER PT ENTRANCE TO FT PICKEN	Yes	140	140	0	0
GUIS0328	PENSACOLA BAY	No	1010	0	0	1010
GUIS0329	GILMORE BAYOU CEN N ARM BAYOU	No	59	0	18	41
GUIS0330!	Mouth of Texar Bayou	No	1709	1709	0	0
GUIS0331	BAYOU TEXAR SEC A BACKGR STA	No	59	0	0	59
GUIS0332	GILMORE BAYOU JUNC BAYOU GIL CAN	No	26	0	14	12
GUIS0333	PENSACOLA BAY NR SANTA ROSA SOUN	No	5	0	5	0
GUIS0334	1 7/10 MI 37 DEGREES NE RAREF#27	No	0	0	0	0
GUIS0335	BAYOU TEXAR 100 FT S CERVANTES S	No	56	56	0	0
GUIS0336!	Emanuel Point	No	1906	1906	0	0
GUIS0337!	BAYOU TEXAR L&N RAILROAD TRESTLE	No	237	18	110	109
GUIS0338	PENSACOLA BAY OFF ENTRANCE TO BAYOU TEXAR	No	142	142	0	0
GUIS0339	PENSACO BAY N END BAY BR FLAMBER	No	66	0	0	66
GUIS0340	PENSACO BA END L&N RAILROAD PIER	No	86	55	0	31
GUIS0341!	PENSACOLA BAY ENT BAYOU TEXAR	No	58	0	0	58
GUIS0342	BAYOU TEXAR AT PENSACOLA BAY	No	8	0	0	8
GUIS0343	PENSACOLA BAY 9TH AVE STP OUTFA	No	15	0	0	15
GUIS0344	PENSACOLA BAY	No	0	0	0	0
GUIS0345	SAN RO SOU MID FAIR PO & DEER PO	No	15	0	0	15
GUIS0346!	PENSACOLA BAY END MUNICIPAL PIER	No	167	28	4	135
GUIS0347	PENSACOLA BAY BETWEEN ROMANO AND MUSCOGEE WHARF	No	0	0	0	0
GUIS0348	PENSACOLA BAY OFF ROMANA ST STORM PIPE	No	156	156	0	0
GUIS0349	PENSACOLA BAY OFF ROMANA ST STORM PIPE ALSO BFA	No	0	0	0	0
GUIS0350	PENSACOLA BAY PEAK'S DOCK 100 YD S FAIR PT	No	0	0	0	0
GUIS0351	PENSACOLA BAY AT FAIR POINT	No	19	6	13	0
GUIS0352	PENSACOLA BAY MARKER 4 R OFF FAIR POINT	No	160	160	0	0
GUIS0353	PENSACOL BA FLASH RED LIGH R 4	No	55	55	0	0
GUIS0354	PENSACOLA BAY SECT K BUOY R24	No	27	0	0	27
GUIS0355	PITTS SLIP FUEL DOCK PENSACOLA BAY	No	20	20	0	0

Station Period of Record Tabulation
From 12/15/56 To 12/29/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0356	PENSACOLA BAY	No	816	0	0	816
GUIS0357	MID RA REF #24 AND #25	No	0	0	0	0
GUIS0358	PENSA BAY NORTH BUOY N22	No	30	24	0	6
GUIS0359	PENSACOLA BAY S MAIN STP OUTFA	No	6	0	0	6
GUIS0360!	PENSACOLA BAY SEC J BACKGR STA	No	465	201	43	221
GUIS0361	PENSACOLA BAY 50FT E OF MAIN ST STP BOIL	No	22	22	0	0
GUIS0362	PENSACOLA BAY MAIN ST WWTP OUTFALL	No	161	161	0	0
GUIS0363	PENSACOLA BAY 50FT S OF MAIN ST STP BOIL	No	6	6	0	0
GUIS0364!	PENSACOLA BAY MAIN STP OUTFALL	No	708	220	52	436
GUIS0365	PENSACOLA BAY 50FT W OF MAIN ST BOIL	No	6	6	0	0
GUIS0366	9/10 MI 217 DEGREES NW RAREF #27	No	0	0	0	0
GUIS0367	PENSACOLA BAY 100M OFFSHORE S OF PENSACOLA STP	No	6	0	6	0
GUIS0368	FORT PICKENS EAST POND	Yes	556	556	0	0
GUIS0369	FORT PICKENS POND 3	Yes	12	12	0	0
GUIS0370	PENSACOLA BAY BEHIND JOE PATTIES	No	89	37	12	40
GUIS0371	PENSACOLA BAY BOUY N22	No	38	0	0	38
GUIS0372	PENSACOLA BAY 100 YDS OFF JETTY	No	160	158	2	0
GUIS0373	FORT PICKENS EAST POND	Yes	28	28	0	0
GUIS0374	PENSACOLA BAY	No	787	0	0	787
GUIS0375	3/10 MI 207 DEGREES SSW RAREF#21	No	0	0	0	0
GUIS0376	PENSACOLA BAY 0.5 MILES SOUTH OF MARKER 145	Yes	389	242	147	0
GUIS0377	FORT PICKENS PARSON'S POND	Yes	28	28	0	0
GUIS0378	MARCUS CR US 90 BR IN PENSACOLA	No	149	0	0	149
GUIS0379!	PENSACOLA BAY SEC O BACKGR STA	Yes	129	35	0	94
GUIS0380	FORT PICKENS WEST POND	Yes	28	28	0	0
GUIS0381	PERDIDO R US 90 BR WPENSACOLA	No	213	0	0	213
GUIS0382	PENSACOLA BAY BUOY 19	No	88	16	0	72
GUIS0383	ELEVEN MILE CR US90ANW PENSACOL	No	245	0	0	245
GUIS0384	PENSACOLA BAY E OF SANDERS BEACH PIER	No	0	0	0	0
GUIS0385!	PENSACOLA BAY SANDERS BEACH	No	238	220	4	14
GUIS0386	PENSACOLA BAY SANDERS BEACH 100YDS OFF PIER	No	135	135	0	0
GUIS0387	BAYOU CHICO TRIBUTARY AT PENSACOLA	No	66	0	66	0
GUIS0388	L STREET DRAIN 1100 FT ABOVE MOUTH (SW2)	No	149	0	149	0
GUIS0389	PENSACOLA BAY	No	832	0	0	832
GUIS0390	CULVERT NR S MONITOR WELL AT PENSACOLA, FL	No	18	0	18	0
GUIS0391	BAYOU CHICO TRIBUTARY AT MOUTH AT PENSACOLA	No	5	0	5	0
GUIS0392	L STREET DRAIN BELOW CULVERT	No	142	0	142	0
GUIS0393	CULVERT AT INFLOW TO L STREET DRAIN	No	91	0	91	0
GUIS0394	BAYOU CHICO AT PENSACOLA YACHT CLUB AT PENSACOLA	No	5	0	5	0
GUIS0395!	BAY CHICO MO BAY PENS YACHT CLB	No	82	29	8	45
GUIS0396	PENSACO BA 1000 YDS E NAS OUTFA	No	0	0	0	0
GUIS0397	BAYOU CHICO BARRANCAS AVE BRIDGE	No	118	28	46	44
GUIS0398	BAYOU CHICO ARMSTRONG OUTFALL	No	36	0	0	36
GUIS0399	BAYOU CHICO DOCK NAUTICAL SPECIA	No	12	12	0	0
GUIS0400	BAYOU CHICO #1 NE SHORE NR HWY98	No	0	0	0	0
GUIS0401	BAYOU CHICO #2 SE SHORE NEAR HWY 98	No	0	0	0	0
GUIS0402	BAYOU CHICO NW BARRANCAS AVE BR	No	99	12	43	44
GUIS0403	N.E. BAYOU CHICO DRAINAGE CHANNEL-MAGGIES DITCH	No	0	0	0	0
GUIS0404	3/5 MI 230 DEGREES FROM RAREF#19	No	0	0	0	0
GUIS0405	SEGMENT 33.2AA BODY OF WATE	No	66	12	0	54
GUIS0406	BAYOU CHICO 800 FT WEST OF TENNE	No	139	44	95	0
GUIS0407	PENSACOLA BAY 300 YDS S CNTRY CL	No	25	12	0	13
GUIS0408!	PENSACOLA BAY SEC L BACKGR STA	No	178	8	0	170
GUIS0409	BAYOU CHICO NE ARM AT CIVITAN PARK	No	0	0	0	0
GUIS0410	FLA TERRITORIAL SEA OFF ESCAROSA	Yes	27	0	0	27
GUIS0411!	ESCAMBIA RIVER MO RI BUOY 20	Yes	133	0	33	100
GUIS0412	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0413	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0414	BAYOU CHICO TRIB @ W ST BRIDGE	No	0	0	0	0
GUIS0415	BAYOU CHICO W ST BRIDGE	No	173	40	133	0
GUIS0416	BAYOU CHICO AT W ST. STORM WATER POND	No	6	6	0	0
GUIS0417	1 4/5 MI 275 DEGREES W P-8	No	0	0	0	0
GUIS0418	BAYOU CHICO 800 FT W ARMSTRONG O	No	60	7	26	27
GUIS0419	BAYOU CHICO #3 NEAR SE END OF SPOIL ISLAND	No	0	0	0	0
GUIS0420	BAYOU CHICO SEC C CHAN MKR 13	No	43	17	0	26
GUIS0421	BAYOU CHICO SE FRISCO R R TRES	No	126	56	42	28
GUIS0422	BAYOU CHICO CHAN MKR 17	No	104	41	41	22
GUIS0423	PENSACOLA BAY AT NAS WWTP OUTFALL	No	137	137	0	0
GUIS0424	BAYOU CHICO #4 CENTRAL LOCATION	No	0	0	0	0
GUIS0425!	PENSACOLA BAY NAS STP OUTFALL	No	335	91	22	222
GUIS0426!	PENSACO BA 1000 YDS N NAS OUTFA	No	234	229	5	0

Station Period of Record Tabulation
From 12/15/56 To 12/29/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0427!	BAYOU CHICO FRISCO TRES CEN CHAN	No	135	12	82	41
GUIS0428	PENSACO BA 1000 YDS S NAS OUTFA	No	127	50	0	77
GUIS0429	PENSACOLA BAY NAS LOADING DOCK	No	57	0	0	57
GUIS0430	BAYOU CHICO E MO W ARM BAYOU	No	47	34	0	13
GUIS0431	BAYOU CHICO S APEX UP E UP W ARM	No	26	0	0	26
GUIS0432	BAYOU CHICO APEX OF NORTH FORK	No	51	12	0	39
GUIS0433	S W ARM BAYOU CHICO NEAR PARK N OF MANDALAY DR	No	617	617	0	0
GUIS0434	BAYOU CHICO #6 NW ARM	No	0	0	0	0
GUIS0435	BAYOU CHICO TIP OF UPPER WEST ARM	No	0	0	0	0
GUIS0436!	BAYOU CHICO TIP UPPER W ARM	No	120	0	88	32
GUIS0437	BAYOU CHICO SEC D BACKGR STA	No	39	0	0	39
GUIS0438	BAYOU CHICO CENTER OF WEST ARM	No	74	48	26	0
GUIS0439!	BAYOU CHICO AT NAVY BLVD BRIDGE	No	616	616	0	0
GUIS0440	BAYOU CHICO #7 SW ARM	No	0	0	0	0
GUIS0441!	BAYOU CHICO AT NAVY BVLD BRIDGE	No	325	269	56	0
GUIS0442	JACKSON CREEK AT BAYOU CHICO	No	0	0	0	0
GUIS0443	PENSACOLA BAY OFF LEXINGTON PIER NAS	No	89	89	0	0
GUIS0444	STAR LAKE CENTER	No	49	0	29	20
GUIS0445!	AIRPORT BAYOU HEAD OF BAYOU	No	65	0	6	59
GUIS0446!	BAYOU GRANDE ENTRANCE TO BAYOU	No	111	0	42	69
GUIS0447	BAYOU CHICO W TIP W ARM BAYOU	No	82	6	43	33
GUIS0448!	AIRPORT BAYOU CENTER OF BAYOU	No	86	0	5	81
GUIS0449	BAYOU GRANDE MO AIRPORT BAYOU	No	15	0	0	15
GUIS0450	BAYOU GRANDE N END TRESTLE	No	6	0	0	6
GUIS0451	JACKSON CREEK DRAINAGE CHANNEL NEAR CLARK SAND	No	0	0	0	0
GUIS0452	JONES CR W TIP N ARM BAYOU CHICO	No	19	19	0	0
GUIS0453	SR IS TIDE POOL	Yes	3	2	0	1
GUIS0454	SR IS GULF(S) SHORE	Yes	2	2	0	0
GUIS0455	DAVENPORT BAYOU CEN BAYOU	No	31	19	0	12
GUIS0456	BAYOU GRANDE AT SPINNAKER COVE DOCK	No	12	0	12	0
GUIS0457!	JONES CREEK AT OLD CORRY ROAD	No	618	618	0	0
GUIS0458!	JONES CREEK AT OLD CORRY ROAD	No	476	276	96	104
GUIS0459	BAYOU GRANDE NAS RR BR CEN BR	No	15	0	0	15
GUIS0460	BAYOU GRANDE CEN BAYOU W RR TRES	No	28	0	0	28
GUIS0461	BAYOU GRANDE S END NAS BRIDGE (NAVY BLVD)	No	12	12	0	0
GUIS0462!	JACKSON CR NEW WARRINGTON RD	No	111	0	26	85
GUIS0463	JONES CREEK BELOW WARRINGTON STP	No	66	22	44	0
GUIS0464	BAYOU GRANDE NAVY BLVD BR CEN BR	No	17	0	0	17
GUIS0465	JONES CREEK SWAMP AT NAVY BLVD	No	0	0	0	0
GUIS0466!	JONES CREEK AT NEW CORRY ROAD	No	281	81	93	107
GUIS0467	BAYOU GRANDE MO OF N ARM CEN	No	26	0	0	26
GUIS0468	JACKSON CR BEHIN WELLING ARM APT	No	23	0	20	3
GUIS0469	BAYOU GRANDE N ARM SUNSET AVE BR	No	97	53	19	25
GUIS0470	PENSACOLA BAY	No	323	0	0	323
GUIS0471		Yes	754	0	0	754
GUIS0472	BAYOU GRANDE N ARM SUNSET AVE	No	945	945	0	0
GUIS0473!	JACKSON CREEK AT OLD CORRY ROAD	No	640	640	0	0
GUIS0474	PENSACOLA BAY CHANNEL MARKER 15	No	23	0	0	23
GUIS0475!	JACKSON CREEK AT OLD CORRY ROAD	No	290	272	18	0
GUIS0476	BAYOU GRANDE UP END N ARM	No	26	0	0	26
GUIS0477	BAYOU GRANDE CAB CROSS CEN BAYOU	No	60	0	19	41
GUIS0478!	PENSACOLA BAY SEC N BACKGR STA	No	101	0	0	101
GUIS0479	JONES CREEK N END OF MILLS AVE	No	18	18	0	0
GUIS0480	PENSACOLA BAY CHANNEL MARKER 14	Yes	873	873	0	0
GUIS0481!	BAYOU REDOUBT CEN OF BAYOU	No	79	0	0	79
GUIS0482	FORT PICKENS POND 4	Yes	12	12	0	0
GUIS0483	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0484	FLA TERRITORIAL SEA OFF ESCAROSA	No	43	0	0	43
GUIS0485	FLA TERRITORIAL SEA OFF ESCAROSA	No	43	0	0	43
GUIS0486	FLA TERRITORIAL SEA OFF ESCAROSA	No	32	0	0	32
GUIS0487	FLA TERRITORIAL SEA OFF ESCAROSA	No	26	0	0	26
GUIS0488	FLA TERRITORIAL SEA OFF ESCAROSA	No	41	0	0	41
GUIS0489	FLA TERRITORIAL SEA OFF ESCAROSA	No	39	0	0	39
GUIS0490	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0491	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0492	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0493	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0494	FLA TERRITORIAL SEA OFF ESCAROSA	No	42	0	0	42
GUIS0495	FLA TERRITORIAL SEA OFF ESCAROSA	No	35	0	0	35
GUIS0496	FLA TERRITORIAL SEA OFF ESCAROSA	No	46	0	0	46
GUIS0497	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34

Station Period of Record Tabulation
From 12/15/56 To 12/29/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0498	BAYOU REDOUBT HEAD OF BAYOU	No	65	0	11	54
GUIS0499	BAYOU GRANDE CEN W BAYOU REDOUBT	No	25	0	0	25
GUIS0500	FLA TERRITORIAL SEA OFF ESCAROSA	No	40	0	0	40
GUIS0501	FLA TERRITORIAL SEA OFF ESCAROSA	No	27	0	0	27
GUIS0502	PENSACOL BA ENT BAY BUOY BELL 10	Yes	253	146	0	107
GUIS0503	FLA TERRITORIAL SEA OFF ESCAROSA	No	27	0	0	27
GUIS0504	FORT PICKENS POND STATION 1	Yes	45	0	0	45
GUIS0505	FORT PICKENS POND SR ISLAND	Yes	13	0	0	13
GUIS0506	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0507	FLA TERRITORIAL SEA OFF ESCAROSA	No	19	0	0	19
GUIS0508	FLA TERRITORIAL SEA OFF ESCAROSA	No	27	0	0	27
GUIS0509	FLA TERRITORIAL SEA OFF ESCAROSA	No	27	0	0	27
GUIS0510	FLA TERRITORIAL SEA OFF ESCAROSA	No	19	0	0	19
GUIS0511	FLA TERRITORIAL SEA OFF ESCAROSA	No	27	0	0	27
GUIS0512	FORT PICKENS POND STATION 2	Yes	44	0	0	44
GUIS0513	PENSACOLA PASS	No	0	0	0	0
GUIS0514	PENSACOL BA ENTR BAY BUOY C 11	No	14	0	0	14
GUIS0515	JONES CREEK AT SR 289A	No	16	16	0	0
GUIS0516	JONES CREEK N END MILLS AVE	No	31	0	0	31
GUIS0517	JONES CREEK AT SR 289 A	No	152	152	0	0
GUIS0518	BAYOU GRANDE MO SOLDIERS CR	No	54	0	0	54
GUIS0519	BAYOU GRANDE S SI BAYOU PO	No	40	0	0	40
GUIS0520	BAYOU GRANDE DITCH SHER FIELD	No	48	19	0	29
GUIS0521	PERDIDO KEY POND 6	Yes	12	12	0	0
GUIS0522	PERDIDO KEY FORT MCRAE POND	Yes	570	570	0	0
GUIS0523	BAYOU GRAND END WAYCRO FRM SEAWA	No	8	0	0	8
GUIS0524	BIG LAGOON FT MCREE LNDING SOUTH CUT MID CHANNEL	Yes	475	475	0	0
GUIS0525	PERDIDO KEY FLORIDA STATION T3	Yes	6	6	0	0
GUIS0526	BAYOU GRANDE CO VILLA STP OUTFAL	No	160	36	66	58
GUIS0527	JONES SWAMP CR AT END OF WAYCROSS AVE.	No	14	14	0	0
GUIS0528	PENSACOLA BAY E END BIG LAGOON	Yes	97	32	0	65
GUIS0529	BAYOU GRANDE FIRST INLET WEST OF	No	31	19	0	12
GUIS0530	PERDIDO KEY POND 5	Yes	6	6	0	0
GUIS0531	BAYOU GRANDE CO SO OPP STA H21	No	76	17	19	40
GUIS0532	PERDIDO KEY FLORIDA STATION T2	Yes	11	11	0	0
GUIS0533	BIG LAGOON TWEEN REDFISH SPANISH PTS 100YD 15DPT	Yes	32	32	0	0
GUIS0534	BAYOU GRANDE W END BAYOU BR	No	15	0	0	15
GUIS0535	BIG LAGOON TWEEN REDFISH/SPANISH PTS 100YD 15DEP	Yes	458	458	0	0
GUIS0536	BAYOU GRANDE 500FT W OF BAUERS C	No	613	613	0	0
GUIS0537	BAYOU GRANDE 500FT W OF BAUERS C	No	238	238	0	0
GUIS0538	FLA TERRITORIAL SEA OFF ESCAROSA	No	34	0	0	34
GUIS0539	FLA TERRITORIAL SEA OFF ESCAROSA	No	40	0	0	40
GUIS0540	FLA TERRITORIAL SEA OFF ESCAROSA	Yes	13	0	0	13
GUIS0541	BIG LAGOON 500FT SOUTH ROD AND REEL MARINA PIER	No	457	457	0	0
GUIS0542	BIG LAGOON 500FT SOUTH ROD AND REEL MARINA PIER	No	22	22	0	0
GUIS0543	GARCON SWAMP SORENTO RD .3MI W OF BLUE ANGELPKWY	No	19	19	0	0
GUIS0544	BIG LAGOON 500FT OFFSHORE N JOHNSON BCHRDCULDESA	Yes	441	441	0	0
GUIS0545	BIG LAGOON 500FT SOUTH OF SEAGLADES PIER	No	450	450	0	0
GUIS0546	PERDIDO KEY STATION T1	Yes	15	15	0	0
GUIS0547	PENSACOLA BAY BUOY C15	Yes	67	39	0	28
GUIS0548	BIG LAGOON WEST END ICW MARKER 18	Yes	458	458	0	0
GUIS0549	WEEKLY BAYOU CREEK CO RD 293 ESC.CO.	No	578	578	0	0
GUIS0550	PENSACOLA BAY BUOY C2 WEST END B	Yes	99	59	20	20
GUIS0551	TARKLIN BAYOU	No	92	92	0	0
GUIS0552	WEEKLY BAYOU	No	133	133	0	0
GUIS0553	BAYOU GARCON 1.3 MI E 292-293 IN	No	543	543	0	0
GUIS0554	BAYOU GARCON AT HWY 292	No	31	0	31	0
GUIS0555	PERDIDO B ALL STA TARKLIN BAYOU	No	74	47	0	27
GUIS0556	BAYOU GARCON 1.3 MI E 292-293 IN	No	231	227	4	0
GUIS0557	BIG LAGOON STATE PARK BOAT RAMP ICW	No	972	972	0	0
GUIS0558	BIG LAGOON HWY. 292 ICW BRIDGE ESC.CO.	No	589	589	0	0
GUIS0559	BAYOU GARCON AT POWER LINES	No	27	0	27	0
GUIS0560	SEQUIENZA COVE SR 292 "BRENTS DITCH	No	408	408	0	0
GUIS0561	SEQUIENZA COVE BAYOU HWY 292	No	20	20	0	0
GUIS0562	FLA TERRITORIAL SEA OFF ESCAROSA	No	28	0	0	28
GUIS0563	FLA TERRITORIAL SEA OFF ESCAROSA	No	21	0	0	21
GUIS0564	BARROW PIT W SR292 TRIB TO SEQUIENZA COVE BAYOU	No	20	20	0	0
GUIS0565	Perdido Bay	No	70	70	0	0
GUIS0566	LOWER PERDIDO BAY OFF PALE MOON DR NR PAPAGO RD	No	328	328	0	0
GUIS0567	ICW AT 13922 OLD RIVER RD	No	0	0	0	0
GUIS0568	PERDIDO BAY WEST DU PONT POINT	No	131	0	0	131

Station Period of Record Tabulation
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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0569	INTERCOASTAL WATERWAY AT MARKER 43	No	10	10	0	0
GUIS0570	PERDIDO BAY-2 MI S OF US 98 BR.	No	74	0	0	74
GUIS0571!	ICW MARKER 35 EAST OLD RIVER	No	446	446	0	0
GUIS0572	ICW MARKER 35 EAST OLD RIVER	No	12	12	0	0
GUIS0573	ICW @ GALVEZ LANDING ON INERARITY ISLAND	No	81	81	0	0
GUIS0574!	PERDIDO B ALL STA BAYOU GARCON	No	65	0	0	65
GUIS0575	PERDIDO BAY .7 MI. NE. BYU GARCO	No	5	0	5	0
GUIS0576	DITCH ON OLD RIVER RD S. OF SEMMES RD PERDIDOKEY	No	21	21	0	0
GUIS0577	PERDIDO BAY-LOWER BAY	No	9	9	0	0
GUIS0578	BAYOU GARCON MOUTH	No	27	0	27	0
GUIS0579	PERDIDO BAY CENTER OF BAY WEST O	No	26	0	0	26
GUIS0580	PERDIDO B MID CHAN DUPONT PO	No	185	53	38	94
GUIS0581	PERDIDO R AT MOUTH BLACK WATER R	No	180	0	0	180
GUIS0582	PERDIDO BAY CENTER OFF DU PONT POINT	No	159	159	0	0
GUIS0583	PERDIDO BAY CENT BAY	No	16	0	0	16
GUIS0584	ICW MARKER 46 E END OLD RIVER NEAR PEAKE DOCK	No	0	0	0	0
GUIS0585!	OLD RIVER S OF RABBIT ISLAND	No	447	447	0	0
GUIS0586	OLD RIVER NEAR RABBIT ISLAND	No	43	43	0	0
GUIS0587!	PENSACOLA BAY SEC M BACKGR STA	No	169	70	17	82
GUIS0588!	BIG LAGOON BETWEEN TROUT PT AND REDFISH PT	No	471	471	0	0
GUIS0589	PERDIDO BAY 1000 YDS W BYU GARCO	No	16	0	16	0
GUIS0590!	PERDIDO BAY SECT F BACKGROUN STA	No	128	56	0	72
GUIS0591	PERDIDO BAY-LOWER BAY	No	9	9	0	0
GUIS0592!	PERDIDO B SEC H STA BUOY 65	No	181	62	0	119
GUIS0593	OLD RIVER NORTH OF CANALS	No	64	38	26	0
GUIS0594	LOWER PERDIDO BAY N OF INERARITY ISLAND	No	27	27	0	0
GUIS0595	RUSSELL BAYOU INNERARITY PT N OF ICW	No	135	135	0	0
GUIS0596	FLA TERRITORIAL SEA OFF ESCAROSA	No	27	0	0	27
GUIS0597	PERDIDO BAY BETWEEN INERARITY PT AND RED BLUFF	No	182	182	0	0
GUIS0598	PETIT BOIS ISLAND POND 8	Yes	12	12	0	0
GUIS0599	PETIT BOIS ISLAND POND 7A	Yes	12	12	0	0
GUIS0600	PETIT BOIS ISLAND POND 7	Yes	3	3	0	0
GUIS0601	HORN ISLAND STATION 6	Yes	36	36	0	0
GUIS0602	STATION 45 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0603	STATION 42 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0604	STATION 41 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0605	STATION 44 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0606	STATION 43 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0607	STATION 40 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0608	HORN ISLAND STATION 30	Yes	2	2	0	0
GUIS0609	STATION 39 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0610	HORN ISLAND STATION P62/STATION 38	Yes	3	2	0	1
GUIS0611	HORN ISLAND POND 9	Yes	12	12	0	0
GUIS0612	HORN ISLAND STATION 28	Yes	2	2	0	0
GUIS0613	HORN ISLAND STATION 31	Yes	2	2	0	0
GUIS0614	STATION 37 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0615	STATION 36 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0616	HORN ISLAND POND 10	Yes	12	12	0	0
GUIS0617	STATION 35 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0618	HORN ISLAND STATION 9	Yes	2	2	0	0
GUIS0619	HORN ISLAND STATION 35	Yes	2	2	0	0
GUIS0620	HORN ISLAND STATION P50	Yes	2	2	0	0
GUIS0621	STATION 34 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1
GUIS0622	HORN ISLAND STATION P49	Yes	2	2	0	0
GUIS0623	HORN ISLAND STATION 32	Yes	2	2	0	0
GUIS0624	HORN ISLAND STATION 33	Yes	2	2	0	0
GUIS0625	HORN ISLAND STATION 34	Yes	2	2	0	0
GUIS0626	HORN ISLAND STATION 20	Yes	3	3	0	0
GUIS0627	HORN ISLAND POND 43/STATION 33	Yes	96	95	0	1
GUIS0628	HORN ISLAND STATION 8	Yes	2	2	0	0
GUIS0629	HORN ISLAND POND 11	Yes	12	12	0	0
GUIS0630	HORN ISLAND STATION P24/STATION 32	Yes	3	2	0	1
GUIS0631	HORN ISLAND POND 40	Yes	95	95	0	0
GUIS0632	HORN ISLAND STATION P18	Yes	2	2	0	0
GUIS0633	MISSISSIPPI SOUND NR MARKER 2	No	80	0	0	80
GUIS0634	STATION 29 AT AN HORN ISLAND ESTUARY	Yes	1	0	0	1
GUIS0635	HORN ISLAND STATION P20/STATION 31	Yes	3	2	0	1
GUIS0636	HORN ISLAND POND 12/STATION 30	Yes	4	3	0	1
GUIS0637	PASCAGOULA BAY	No	40	0	0	40
GUIS0638	HORN ISLAND STATION 12	Yes	3	3	0	0
GUIS0639	STATION 28 AT AN HORN ISLAND NATURAL LAKE	Yes	1	0	0	1

Station Period of Record Tabulation
From 12/15/56 To 12/29/98

Station Ident.	Location Description		In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0640	HORN ISLAND POOL 10		Yes	11	0	11	0
GUIS0641	HORN ISLAND STATION 15		Yes	10	10	0	0
GUIS0642	HORN ISLAND STATION 10		Yes	22	22	0	0
GUIS0643	HORN ISLAND POOL 9		Yes	13	0	13	0
GUIS0644	HORN ISLAND POOL 8		Yes	13	0	13	0
GUIS0645	PASCAGOULA BAY		No	40	0	0	40
GUIS0646	GRAVELINE BAYOU		No	528	528	0	0
GUIS0647	HORN ISLAND SOUND SIDE		Yes	23	23	0	0
GUIS0648	HORN ISLAND GULF SIDE		Yes	15	15	0	0
GUIS0649	HORN ISLAND POOL 7		Yes	8	0	8	0
GUIS0650	PASCAGOULA BAY		No	9	0	0	9
GUIS0651	HORN ISLAND STATION 5		Yes	40	40	0	0
GUIS0652	HORN ISLAND STATION 7		Yes	28	28	0	0
GUIS0653	HORN ISLAND STATION 5		Yes	21	21	0	0
GUIS0654	HORN ISLAND SITE 4		Yes	44	0	44	0
GUIS0655	HORN ISLAND POOL 6/STATION 27		Yes	30	0	29	1
GUIS0656	INTERTIDAL ZONE AT RANGER LAGOON		Yes	12	0	12	0
GUIS0657	HORN ISLAND POOL 5		Yes	29	0	29	0
GUIS0658	STATION 26 AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0659	STATION 22 AT AN HORN ISLAND LAKE		Yes	2	0	0	2
GUIS0660	STATION 23		Yes	5	0	0	5
GUIS0661	HORN ISLAND POOL 4		Yes	21	0	21	0
GUIS0662	STATION 25 AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0663	STATION 24 AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0664	PASCAGOULA BAY		No	38	0	0	38
GUIS0665	STATION 21 AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0666	HORN ISLAND POND 14/STATION 19/P24		Yes	4	3	0	1
GUIS0667	GRASSBED ZONE AT RANGER LAGOON		Yes	12	0	12	0
GUIS0668	HORN ISLAND POND 24		Yes	91	91	0	0
GUIS0669	HORN ISLAND POND 19		Yes	95	95	0	0
GUIS0670	STATION 17 AT AN HORN ISLAND ESTUARY		Yes	1	0	0	1
GUIS0671	HORN ISLAND POND 17		Yes	3	3	0	0
GUIS0672	HORN ISLAND POND 16		Yes	12	12	0	0
GUIS0673	PASCAGOULA BAY		No	9	0	0	9
GUIS0674	HORN ISLAND POND 18		Yes	96	96	0	0
GUIS0675	STATION 18 AT AN HORN ISLAND NATURAL LAKE		Yes	3	0	0	3
GUIS0676	STATION 14 AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0677	SAND ZONE AT AN RANGER LAGOON		Yes	12	0	12	0
GUIS0678	STATION 15 AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0679	OYSTER BED AT RANGER LAGOON		Yes	12	0	12	0
GUIS0680	HORN ISLAND POND 20		Yes	84	84	0	0
GUIS0681	SILT ZONE AT RANGER LAGOON		Yes	12	0	12	0
GUIS0682	STATION 16 AT AN HORN ISLAND NATURAL LAKE		Yes	3	0	0	3
GUIS0683	GRAVELINE BAYOU		No	508	508	0	0
GUIS0684	HORN ISLAND NORTH OF WEST END		Yes	22	22	0	0
GUIS0685	STATION 13 AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0686	STATION 12 AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0687	HORN ISLAND SOUND/STATION 4		Yes	20	20	0	0
GUIS0688	STATION 11 AT AN HORN ISLAND NATURAL LAKE		Yes	2	0	0	2
GUIS0689	HORN ISLAND BEACH		Yes	34	34	0	0
GUIS0690	HORN ISLAND POOL 3		Yes	31	0	31	0
GUIS0691	HORN ISLAND BIG LAGOON		Yes	12	12	0	0
GUIS0692	HORN ISLAND STATION 13		Yes	124	124	0	0
GUIS0693	STATION 10 AT AN HORN ISLAND ESTUARY		Yes	8	0	0	8
GUIS0694	HORN ISLAND POOL 2		Yes	31	0	31	0
GUIS0695	MS SOUND NEAR GAUTIER		No	125	125	0	0
GUIS0696	HORN ISLAND POOL 1		Yes	31	0	31	0
GUIS0697	OLD FORT BAYOU NEAR FONTAINBLEAU		No	9	9	0	0
GUIS0698	OLD FORT BAYOU AT MI 12	024812965	No	35	0	35	0
GUIS0699	OLD FORT BAYOU NEAR FONTAINBLEAU ABOVE KOA		No	428	428	0	0
GUIS0700	HORN ISLAND STATION 3		Yes	30	30	0	0
GUIS0701	OLD FORT BAYOU NR OCEAN SPRINGS, MS		No	28	0	28	0
GUIS0702	OLD FORT BAYOU AT MI 14	024812935	No	25	0	25	0
GUIS0703	STATION 8 AT AN HORN ISLAND NATURAL LAKE		Yes	2	0	0	2
GUIS0704	STATION 7 AT AN HORN ISLAND NATURAL LAKE		Yes	2	0	0	2
GUIS0705	HORN ISLAND STATION 19		Yes	2	2	0	0
GUIS0706	HORN ISLAND STATION 16		Yes	2	2	0	0
GUIS0707	HORN ISLAND STATION P2		Yes	4	4	0	0
GUIS0708	OLD FORT BAYOU AT MI 9	024812981	No	30	0	30	0
GUIS0709	STATION 6 AT AN HORN ISLAND NATURAL LAKE		Yes	2	0	0	2
GUIS0710	OLD FORT BAYOU AT MI 8	024812982	No	30	0	30	0

Station Period of Record Tabulation
From 12/15/56 To 12/29/98

Station Ident.	Location Description		In Park	Total Obs	01/01/85 to 12/29/98	01/01/75 to 12/31/84	Before 01/01/75
GUIS0711	STATION 5 AT AN HORN ISLAND NATURAL LAKE		Yes	2	0	0	2
GUIS0712	STATION 1D AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0713	STATION 4 AT AN HORN ISLAND NATURAL LAKE		Yes	3	0	0	3
GUIS0714	STATION 1C AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0715	MS SOUND NEAR OCEAN SPRINGS		No	96	96	0	0
GUIS0716	STATION 1B AT AN HORN ISLAND NATURAL LAKE		Yes	1	0	0	1
GUIS0717	STATION 3 AT AN HORN ISLAND ESTUARY		Yes	1	0	0	1
GUIS0718	STATION 1A AT AN HORN ISLAND NATURAL LAKE		Yes	3	0	0	3
GUIS0719	STATION 2 AT AN HORN ISLAND NATURAL LAKE		Yes	4	0	0	4
GUIS0720	OLD FORT BAYOU AT MI 7	024812983	No	35	0	35	0
GUIS0721	HORN ISLAND STATION 22		Yes	2	2	0	0
GUIS0722	HORN ISLAND STATION 2		Yes	12	12	0	0
GUIS0723	HORN ISLAND STATION 23		Yes	2	2	0	0
GUIS0724	HORN ISLAND STATION 18		Yes	4	4	0	0
GUIS0725	OLD FORT BAYOU AT MI 6	024812984	No	33	0	33	0
GUIS0726	HORN ISLAND STATION 1		Yes	24	24	0	0
GUIS0727	HORN ISLAND SITE 1		Yes	66	0	66	0
GUIS0728	HERON BAYOU NEAR OCEAN SPRINGS		No	63	63	0	0
GUIS0729	OCEAN SPRINGS POND 21		No	3	3	0	0
GUIS0730	HORN ISLAND STATION 25		Yes	2	2	0	0
GUIS0731	DOG KEYS PASS STATION 4		Yes	30	0	0	30
GUIS0732	OLD FORT BAYOU AT MI 5	024812985	No	35	0	35	0
GUIS0733	OCEAN SPRINGS POND 22		Yes	3	3	0	0
GUIS0734	BILOXI BAY NEAR R18		No	136	0	0	136
GUIS0735	OLD FORT BAYOU AT MI 4	024812986	No	30	0	30	0
GUIS0736	OLD FORT BAYOU AT 1ST HWY BRIDGE		No	162	0	0	162
GUIS0737	OLD FORT BAYOU AT MI 3	024812988	No	35	0	35	0
GUIS0738	BILOXI BAY (DAVIS BAYOU) AT OCEAN SPRINGS		No	126	126	0	0
GUIS0739	BILOXI BAY NR OCEAN SPRINGS OFF MARSH POINT		No	513	513	0	0
GUIS0740	BILOXI BAY-OCEAN SPRINGS STP EFF		No	39	0	0	39
GUIS0741	TIDEWATER BAYOU AT OCEAN SPRINGS, MISS.		No	40	0	40	0
GUIS0742	TIDEWATER BA AT PERSHING AVE AT OCEAN SPRINGS MS		No	48	0	48	0
GUIS0743	TIDEWATER BAYOU AT PERSHING AV AT OCEAN SPRINGS		No	60	60	0	0
GUIS0744	OLD FORT BAYOU AT MI 2	024812989	No	35	0	35	0
GUIS0745	TIDEWATER BAYOU AT MOUTH AT OCEAN SPRINGS, MISS.		No	48	0	48	0
GUIS0746!	OCEAN SPRINGS AT FOREST HILLS DRIVE BRIDGE		No	241	229	12	0
GUIS0747!	OCEAN SPRINGS AT MOUTH OF OCEAN SPRINGS HARBOR		No	591	547	44	0
GUIS0748	OCEAN SPRINGS AT THE END OF THE NORTH WEST ARM		No	556	556	0	0
GUIS0749!	OCEAN SPRINGS HARBOR AT KENSINGTON BRIDGE		No	565	520	45	0
GUIS0750!	OCEAN SPRINGS HARBOR AT PINE AVENUE BRIDGE		No	579	556	23	0
GUIS0751	TIDE WATER BAYOU AT OCEAN SPRINGS		No	64	64	0	0
GUIS0752!	OCEAN SPRINGS 225 FEET EAST OF SHEARWATER BRIDGE		No	589	566	23	0
GUIS0753	BILOXI BAY NEAR MARKER 4		No	100	0	0	100
GUIS0754	OLD FORT BAYOU AT OCEAN SPRINGS		No	72	72	0	0
GUIS0755	BILOXI BAY NEAR OCEAN SPRINGS		No	126	126	0	0
GUIS0756	BILOXI BAY NEAR MARKER 42		No	135	0	0	135
GUIS0757	OLD FORT BAYOU AT MI 1	024812992	No	23	0	23	0
GUIS0758	BILOXI BAY AT US 90 BRIDGE		No	184	0	0	184
GUIS0759!	BACK BAY OF BILOXI AT OCEAN SPRINGS, MISS.		No	639	0	399	240
GUIS0760!	BACK BAY OF BILOXI AT OCEAN SPRINGS		No	1626	490	1136	0
GUIS0761	OLD FORT BAYOU AT MI 0	024812998	No	25	0	25	0
GUIS0762	BILOXI MISSISSIPPI		No	12	0	12	0
GUIS0763	BACK BAY OF BILOXI AT BILOXI OFF CLAY POINT		No	457	457	0	0
GUIS0764	BILOXI BAY, BACK		No	95	0	0	95
GUIS0765	BILOXI BAY-KULJIS SEAFD (KS-001)		No	44	0	0	44
GUIS0766	BILOXI BAY-DEJEAN PACK (DEJ-001)		No	75	0	0	75
GUIS0767	BACK BAY OF BILOXI AT MILE 1.5	024812805	No	211	0	111	100
GUIS0768	SHIP ISLAND POND 20		Yes	12	12	0	0
GUIS0769	SHIP ISLAND SOUND		Yes	4	4	0	0
GUIS0770	SHIP ISLAND BEACH		Yes	31	31	0	0
GUIS0771	SHIP ISLAND STATION 2		Yes	23	23	0	0
GUIS0772	SHIP ISLAND STATION 9		Yes	4	4	0	0
GUIS0773	SHIP ISLAND STATION 1		Yes	30	30	0	0
GUIS0774	SHIP ISLAND STATION 11		Yes	1	1	0	0

!Longer Term Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

Station Inventory for Station: GUIS0044

NPS Station ID: GUIS0044
Location: Entrance Old Pass Lagoon
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 03140102
Major Basin:
Minor Basin:
RF1 Index: 03140102
RF3 Index: 03170009001519.01
Description:

LAT/LON: 30.399448/ -86.520281

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 19.00

Agency: 21FLA
FIPS State/County: 12091 FLORIDA/OKALOOSA
STORET Station ID(s): 06504SEAS
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.20

Date Created: 11/15/97
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GUIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		01/17/90-06/02/98	178	0.5	5.388	21.	0.5	32.578	5.708	0.5	0.5	10.	12.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		01/17/90-06/02/98	164	19.45	20.02	32.7	9.2	31.146	5.581	13.1	16.	24.4	27.6
00035 WIND VELOCITY (MILES PER HOUR)		01/17/90-06/02/98	95	10.	11.011	30.	1.	54.33	7.371	3.	5.	15.	20.
00299p OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	01/17/90-06/02/98	86	7.9	7.628	10.	1.4	2.698	1.643	5.57	6.8	8.8	9.4
00403p PH, LAB, STANDARD UNITS	SU	01/17/90-06/02/98	88	8.1	8.073	8.5	7.	0.059	0.242	7.89	8.	8.2	8.3
00403p CONVERTED PH, LAB, STANDARD UNITS		01/17/90-06/02/98	88	8.1	7.965	8.5	7.	0.071	0.266	7.89	8.	8.2	8.3
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		01/17/90-06/02/98	88	0.008	0.011	0.1	0.003	0.	0.014	0.005	0.006	0.01	0.013
31621p FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML		01/17/90-06/02/98	94	2.	9.851	130.	1.	481.504	21.943	1.	1.	8.	28.
31621p LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10		01/17/90-06/02/98	94	0.301	0.491	2.114	0.	0.347	0.589	0.	0.	0.903	1.44
31621p GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100				GEOMETRIC MEAN =	3.096								
70305p SALINITY BASED ON CONDUCTIVITY		01/17/90-06/02/98	150	27.3	26.161	40.	4.	64.263	8.016	14.19	19.9	33.6	35.49
81903 DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET		01/17/90-06/02/98	177	10.	11.051	21.	4.	9.412	3.068	8.	10.	12.	15.
82079p TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU		01/17/90-06/02/98	93	9.	20.287	700.	0.7	5337.891	73.061	4.08	6.1	11.5	27.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0044

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	86	3	0.03	28	0	0.00	32	1	0.03	20	2	0.10	6	0	0.00
00403 PH, LAB	Marine Chronic	8.5	88	1	0.01	24	0	0.00	33	1	0.03	26	0	0.00	5	0	0.00
	Other-Lo Lim.	6.5	88	0	0.00	24	0	0.00	33	0	0.00	26	0	0.00	5	0	0.00
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	93	6	0.06	26	1	0.04	34	3	0.09	28	2	0.07	5	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0046

NPS Station ID: GUIS0046 LAT/LON: 30.400004/ -86.522227 Agency: 21FLA Date Created: 01/24/87
Location: CHOC.BAY MOUTH OF OLD PASS LAGOON
Station Type: /TYPA/AMBNT/ESTURY/BIO
RMI-Indexes:
RMI-Miles:
HUC: 03140102 Depth of Water: 1
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: CHOCTAWHATCHEE RIVER
RF1 Index: 03140102 RF1 Mile Point: 0.000
RF3 Index: 03140103080500.30 RF3 Mile Point: 0.29
Description:
SEGMENT 32.1AA BODY OF WATER:BAY,CHOCTAWHATCHEE MOUTH OF OLD PASS LAGOON

FIPS State/County: 12091 FLORIDA/OKALOOSA
STORET Station ID(s): 32010E34
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.01 On/Off RF3:

Parameter Inventory for Station: GUIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/07/85-08/06/90	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/20/85-08/06/90	2	27.85	27.85	32.3	23.4	39.605	6.293	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/06/90-08/06/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/90-08/06/90	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/90-08/06/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	08/06/90-08/06/90	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/90-08/06/90	1	39000.	39000.	39000.	39000.	0.	0.	**	**	**	**
00299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	11/20/85-08/06/90	2	8.25	8.25	10.2	6.3	7.605	2.758	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/20/85-08/06/90	2	0.9	0.9	1.2	0.6	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	11/20/85-08/06/90	2	7.85	7.85	7.9	7.8	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/20/85-08/06/90	2	7.847	7.847	7.9	7.8	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/20/85-08/06/90	2	0.014	0.014	0.016	0.013	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/06/90-08/06/90	1	24.8	24.8	24.8	24.8	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/85-08/06/90	2	17.5	17.5	20.	15.	12.5	3.536	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/20/85-08/06/90	2##	0.05	0.05	0.09	0.01	0.003	0.057	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/20/85-08/06/90	2##	0.115	0.115	0.21	0.02	0.018	0.134	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/20/85-08/06/90	2##	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/20/85-08/06/90	2	0.09	0.09	0.14	0.04	0.005	0.071	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/90-08/06/90	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	08/06/90-08/06/90	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,	08/06/90-08/06/90	1##	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3		GEOMETRIC MEAN =		5.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/90-08/06/90	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/06/90-08/06/90	1##	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		GEOMETRIC MEAN =		5.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/20/85-08/06/90	2##	4.	4.	6.	2.	8.	2.828	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/20/85-08/06/90	2##	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0046

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00400 PH	Marine Chronic	8.5	2	0	0.00	1	0	0.00							1	0	0.00
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0206

NPS Station ID: GUIS0206 LAT/LON: 30.365003/ -86.978338 Agency: 11NPSWRD Date Created: 03/01/97
Location: POND WEST OF SANTA ROSA ISLAND DAY USE AREA
FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_P3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA RIVER ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES SOUTH OF HOLLEY FLORIDA (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON SANTA ROSA ISLAND AT THE POND WEST OF THE DAY USE AREA. THE POND IS NATURAL. THE DATA WAS COLLECTED BY TEMPORARY NPS EMPLOYEE R.G. STEWART. THE SITE IS THE RESPONSIBILITY OF GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FLORIDA 32561. PH(904)934-2600. FOR MORE INFORMATION CONTACT RILEY HOGGARD - RESOURCES MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE AS LISTED ABOVE. DATA WAS PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		07/03/91-06/13/92	92	1638.5	1638.5	3277.	0.	2977269.416	1788.658	0.	0.	3277.	3277.
p00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		07/03/91-06/13/92	92	23.85	23.785	36.5	10.1	48.598	7.174	13.	20.125	30.	31.88
00021 TEMPERATURE, AIR (DEGREES FAHRENHEIT)		08/07/91-03/29/92	14	72.	76.357	93.	63.	106.267	10.509	64.	68.75	84.	93.
p00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		07/03/91-06/13/92	92	434.5	425.554	580.	239.	4333.877	65.451	321.3	390.	457.5	511.4
p00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	07/03/91-06/13/92	87	8.4	8.809	12.5	4.5	2.067	1.433	7.28	7.8	9.9	10.7
p00406 PH, FIELD, STANDARD UNITS	SU	07/03/91-06/13/92	90	7.33	7.339	8.35	2.	0.533	0.725	6.82	7.01	7.895	8.18
00406 CONVERTED PH, FIELD, STANDARD UNITS		07/03/91-06/13/92	90	7.339	3.994	8.339	2.032	12.349	3.61	6.807	7.021	7.914	8.204
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/03/91-06/13/92	90	0.05	92.407	8310.363	0.005	767608.217	905.177	0.007	0.014	0.102	0.157
p00480 SALINITY - PARTS PER THOUSAND		07/03/91-06/13/92	92##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0206

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	87	0	0.00	24	0	0.00	20	0	0.00	27	0	0.00	16	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	90	0	0.00	24	0	0.00	20	0	0.00	32	0	0.00	14	0	0.00
	Other-Lo Lim.	6.5	90	2	0.02	24	0	0.00	20	1	0.05	32	1	0.03	14	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0221

NPS Station ID: GUIS0221 LAT/LON: 30.353366/ -87.039753 Agency: 21FLBFA Date Created: 06/28/97
Location: SANTA ROSA SND BIG SABINE COVE SE OF B.G.POINT FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/ESTURY/BIO STORET Station ID(s): 33030H77
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

Parameter Inventory for Station: GUIS0221

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)		07/09/97-11/17/98	7	4.	3.714	5.	2.	1.24	1.089	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		07/09/97-11/17/98	7	20.5	22.414	31.	11.7	42.122	6.307	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)		07/09/97-11/17/98	6	24.	24.333	30.	17.	32.047	5.66	**	**	**	**
00032	CLOUD COVER (PERCENT)		07/09/97-11/17/98	7	80.	54.286	100.	0.	2901.07	55.847	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)		07/09/97-11/17/98	7	7.	6.714	10.	0.	12.778	3.659	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)		07/09/97-11/17/98	7	1.	1.957	5.	0.7	2.614	1.572	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)		07/09/97-11/17/98	5	1.6	1.56	1.7	1.4	0.012	0.113	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)		07/09/97-11/17/98	7	15.	13.571	20.	5.	49.048	7.2	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)		07/09/97-11/17/98	6	324.5	285.5	369.	177.	7506.914	87.425	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		07/09/97-11/17/98	7	28220.	29091.429	40680.	18050.	58998809.685	7783.709	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		07/09/97-11/17/98	7	30000.	29357.143	34000.	21000.	16798288.031	4098.043	**	**	**	**
00299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	07/09/97-11/17/98	7	7.4	7.586	9.8	5.1	2.721	1.597	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C	MG/L	07/09/97-11/17/98	7##	0.25	0.471	1.2	0.25	0.138	0.368	**	**	**	**
00400	PH (STANDARD UNITS)		07/09/97-11/17/98	7	7.97	7.987	8.19	7.87	0.015	0.123	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)		07/09/97-11/17/98	7	7.974	7.977	8.212	7.894	0.014	0.119	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/09/97-11/17/98	7	0.012	0.012	0.015	0.007	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS	SU	07/09/97-11/17/98	6	8.05	8.083	8.3	8.	0.014	0.119	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS		07/09/97-11/17/98	6	8.035	8.054	8.299	7.997	0.014	0.121	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/09/97-11/17/98	6	0.01	0.009	0.011	0.006	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		10/05/97-11/17/98	6	17.3	17.867	26.	10.6	31.432	5.617	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)		07/09/97-11/17/98	7	30.	29.286	46.	10.	144.075	11.858	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)		07/09/97-11/17/98	6##	0.005	0.007	0.016	0.005	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)		07/09/97-11/17/98	7	0.29	0.3	0.59	0.15	0.021	0.141	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)		07/09/97-11/17/98	7##	0.002	0.007	0.03	0.002	0.	0.011	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)		07/09/97-11/17/98	7	0.026	0.024	0.037	0.009	0.	0.008	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C		07/09/97-11/17/98	5##	5.	27.	60.	5.	855.359	29.796	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,		07/09/97-11/17/98	5##	0.693	1.144	1.82	0.693	0.361	0.622	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3			GEOMETRIC MEAN =		13.21								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		07/09/97-11/17/98	6##	7.5	17.5	60.	5.	437.505	21.259	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		07/09/97-11/17/98	6##	0.846	1.034	1.82	0.693	0.213	0.469	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			GEOMETRIC MEAN =		10.317								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED		07/09/97-11/17/98	5##	2.5	3.18	5.9	2.5	2.033	1.423	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.		07/09/97-11/17/98	3##	2.5	3.8	6.4	2.5	4.546	2.104	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0221

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	0	0.00	4	0	0.00				3	0	0.00			
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00	4	0	0.00				3	0	0.00			
00400 PH	Marine Chronic	8.5	7	0	0.00	4	0	0.00				3	0	0.00			
	Other-Lo Lim.	6.5	7	0	0.00	4	0	0.00				3	0	0.00			
00403 PH, LAB	Marine Chronic	8.5	6	0	0.00	4	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	6	0	0.00	4	0	0.00				2	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00	3	0	0.00				2	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	3	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0274

NPS Station ID: GUIS0274 LAT/LON: 30.376670/ -87.130003 Agency: 11NPSWRD Date Created: 12/07/96
Location: BEAVER (BROWN'S) POND FIPS State/County: 12113 FLORIDA/SANTA ROSA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_P4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA RIVER ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES PENSACOLA FLORIDA-ESCAMBIA CO. (TOPOGRAPHIC) QUADRANGLE. THE SITE IS IN THE NAVAL LIVE OAKS AREA ON THE NORTH PENINSULA AT BEAVER POND (FORMERLY CALLED BROWN'S POND). THE POND IS NATURAL. THE DATA WAS COLLECTED BY TEMPORARY NPS EMPLOYEE R.G. STEWART. THE SITE IS THE RESPONSIBILITY OF GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FLORIDA 32561. PH(904)934-2600. FOR MORE INFORMATION CONTACT RILEY HOGGARD - RESOURCES MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE AS LISTED ABOVE. DATA WAS PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		07/03/91-06/13/92	94	1638.5	1638.5	3277.	0.	2976573.467	1788.495	0.	0.	3277.	3277.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		07/03/91-06/13/92	73	25.	22.538	31.	8.5	34.533	5.831	13.	17.6	27.3	28.
00021 TEMPERATURE, AIR (DEGREES FAHRENHEIT)		08/07/91-03/15/92	14	77.5	76.	86.	64.	84.927	8.948	64.	66.25	86.	86.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		07/03/91-06/13/92	71	48.	46.915	68.	31.	53.763	7.466	38.	41.	50.	55.6
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	07/03/91-06/13/92	67	5.8	5.576	9.2	2.2	3.659	1.93	2.48	4.5	6.7	8.32
00406 PH, FIELD, STANDARD UNITS	SU	07/03/91-06/13/92	70	4.93	4.84	5.28	3.82	0.102	0.326	4.478	4.743	5.04	5.109
00406 CONVERTED PH, FIELD, STANDARD UNITS		07/03/91-06/13/92	70	4.927	4.666	5.268	3.792	0.124	0.353	4.505	4.714	5.014	5.133
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/03/91-06/13/92	70	11.184	19.593	136.834	5.076	653.668	24.926	7.466	8.724	17.077	31.047
00480 SALINITY - PARTS PER THOUSAND		07/03/91-06/13/92	92##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0274

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	67	15	0.22	17	5	0.29	16	1	0.06	25	0	0.00	9	9	1.00
00406 PH, FIELD	Fresh Chronic	9.	70	0	0.00	17	0	0.00	18	0	0.00	27	0	0.00	8	0	0.00
	Other-Lo Lim.	6.5	70	70	1.00	17	17	1.00	18	18	1.00	27	27	1.00	8	8	1.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0288

NPS Station ID: GUIS0288 LAT/LON: 30.335004/ -87.142782 Agency: 21FLA Date Created: 02/25/84
Location: LITTLE SABINE BAY W.OF RESTAURAN FIPS State/County: 12113 FLORIDA/SANTA ROSA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 33030GA3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 6 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 24.90 On/Off RF1:
RF3 Index: 03140305055100.83 RF3 Mile Point: 3.96 Distance from RF3: 0.88 On/Off RF3:
Description:
SEGMENT 33.3AA BODY OF WATER'BAY,LITTLE SABINE LITTLE SABINE BAY 50 FT. WEST OF ?THE MARINA RESTAURANT DOCK

Parameter Inventory for Station: GUIS0288

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	04/22/88-04/22/88	3	10.	7.667	12.	1.	35.601	5.902	**	**	**	**
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/88-04/22/88	1	23.3	23.3	23.3	23.3	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/22/88-04/22/88	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/22/88-04/22/88	1	35400.	35400.	35400.	35400.	0.	0.	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	04/22/88-04/22/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	04/22/88-04/22/88	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	04/22/88-04/22/88	1	7.918	7.918	7.918	7.918	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/88-04/22/88	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	04/22/88-04/22/88	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	04/22/88-04/22/88	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028 CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/88-04/22/88	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
01037 COBALT, TOTAL (UG/L AS CO)	04/22/88-04/22/88	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01038 COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/22/88-04/22/88	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	04/22/88-04/22/88	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
01043 COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/88-04/22/88	1	48.9	48.9	48.9	48.9	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	04/22/88-04/22/88	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	04/22/88-04/22/88	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01052 LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/88-04/22/88	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01053 MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/88-04/22/88	1	41.7	41.7	41.7	41.7	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	04/22/88-04/22/88	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	04/22/88-04/22/88	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
01068 NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/88-04/22/88	1	6.53	6.53	6.53	6.53	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	04/22/88-04/22/88	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093 ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/88-04/22/88	1	32.8	32.8	32.8	32.8	0.	0.	**	**	**	**
01170 IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/88-04/22/88	1	6700.	6700.	6700.	6700.	0.	0.	**	**	**	**
46530 SEDIMENT PARTICLE SIZE FRAC.-.5-2.0MM,%DRY WT	04/22/88-04/22/88	1	3.44	3.44	3.44	3.44	0.	0.	**	**	**	**
46531 SEDIMENT PARTICLE SIZE FRAC.-.125-.5MM,%DRY WGT	04/22/88-04/22/88	1	64.56	64.56	64.56	64.56	0.	0.	**	**	**	**
80250 SEDIMENT PARTICLE SIZE FRACT.<.0625MM % DRY WEIGHT	04/22/88-04/22/88	1	27.93	27.93	27.93	27.93	0.	0.	**	**	**	**
80251 SEDIMENT PRCTL.SIZE CLASS.06-.125MMV-FINESAND%DRWT	04/22/88-04/22/88	1	4.02	4.02	4.02	4.02	0.	0.	**	**	**	**
80256 SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	04/22/88-04/22/88	1##	1.565	1.565	1.565	1.565	0.	0.	**	**	**	**
85207 SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/88-04/22/88	1	6.53	6.53	6.53	6.53	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0288

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400 PH	Marine Chronic	8.5	1	0	0.00							1	0	0.00			
	Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01027 CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00							1	0	0.00			
01042 COPPER, TOTAL	Marine Acute	2.9	1	0	0.00							1	0	0.00			
01051 LEAD, TOTAL	Marine Acute	220.	1	0	0.00							1	0	0.00			
01067 NICKEL, TOTAL	Marine Acute	75.	1	0	0.00							1	0	0.00			
01092 ZINC, TOTAL	Marine Acute	95.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0290

NPS Station ID: GUIS0290 LAT/LON: 30.333198/ -87.143892 Agency: 21FLBFA Date Created: 06/28/97
Location: LITTLE SABINE BAY OFF MAI KAI DOCK
FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/ESTURY/BIO
STORET Station ID(s): 33030G82
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

Parameter Inventory for Station: GUIS0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	07/09/97-11/17/98	6	3.5	3.833	5.	3.	0.965	0.986	**	**	**	**
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/97-11/17/98	6	23.4	23.067	30.7	12.6	43.309	6.376	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/09/97-11/17/98	6	21.5	22.333	30.	16.	26.32	5.235	**	**	**	**
00032 CLOUD COVER (PERCENT)	07/09/97-11/17/98	6	85.	61.667	100.	0.	2322.373	47.571	**	**	**	**
00035 WIND VELOCITY (MILES PER HOUR)	07/09/97-11/17/98	6	8.5	7.	10.	0.	17.243	4.121	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/09/97-11/17/98	6	1.1	1.467	3.	0.6	0.843	0.935	**	**	**	**
00078 TRANSPARENCY, SECCHI DISC (METERS)	07/09/97-11/17/98	6	2.1	2.35	3.5	1.4	0.557	0.738	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	07/09/97-11/17/98	6	12.5	12.5	20.	5.	27.663	5.339	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/09/97-11/17/98	5	317.	305.4	390.	167.	6573.053	82.946	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/97-11/17/98	6	30945.	29756.	39236.	16280.	83258713.116	8923.004	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/97-11/17/98	6	28925.	28641.667	35500.	19500.	30552908.292	5581.035	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	07/09/97-11/17/98	6	7.2	7.4	9.9	5.5	2.136	1.452	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	07/09/97-11/17/98	6	0.8	0.808	1.3	0.25	0.193	0.451	**	**	**	**
00400 PH (STANDARD UNITS)	07/09/97-11/17/98	6	8.1	8.118	8.3	7.91	0.022	0.154	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/09/97-11/17/98	6	8.076	8.076	8.299	7.926	0.023	0.158	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/97-11/17/98	6	0.009	0.009	0.013	0.006	0.	0.003	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	07/09/97-11/17/98	5	8.2	8.2	8.3	8.1	0.011	0.101	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	07/09/97-11/17/98	5	8.22	8.212	8.299	8.077	0.012	0.113	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/97-11/17/98	5	0.007	0.007	0.009	0.006	0.	0.002	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	10/05/97-11/17/98	5	22.4	19.08	25.	9.9	42.978	6.357	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/09/97-11/17/98	6	26.5	24.833	36.	15.	59.	7.746	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/97-11/17/98	5	0.01	0.01	0.016	0.005	0.	0.005	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/09/97-11/17/98	6	0.3	0.308	0.56	0.15	0.025	0.161	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/97-11/17/98	6	0.006	0.013	0.03	0.002	0.	0.014	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/09/97-11/17/98	6	0.023	0.024	0.035	0.014	0.	0.007	**	**	**	**
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	07/09/97-11/17/98	3	40.	80.	180.	20.	8117.846	90.183	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,	07/09/97-11/17/98	3	1.614	1.73	2.27	1.307	0.244	0.495	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3			GEOMETRIC MEAN =	49.625								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/97-11/17/98	5	30.	62.	210.	10.	6650.013	83.328	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/09/97-11/17/98	5	1.513	1.565	2.388	1.	0.277	0.521	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			GEOMETRIC MEAN =	34.131								
32210 CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/09/97-11/17/98	5##	2.5	3.24	6.2	2.5	3.105	1.809	**	**	**	**
32211 CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/09/97-11/17/98	3##	2.5	3.433	5.3	2.5	2.689	1.59	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0290

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00				3	0	0.00			
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00	3	0	0.00				3	0	0.00			
00400 PH	Marine Chronic	8.5	6	0	0.00	3	0	0.00				3	0	0.00			
	Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00				3	0	0.00			
00403 PH, LAB	Marine Chronic	8.5	5	0	0.00	3	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00				2	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00				1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	1	0.20	2	0	0.00				3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0293

NPS Station ID: GUIS0293 LAT/LON: 30.338365/ -87.147142 Agency: 21FLA Date Created: 09/27/97
Location: LITTLE SABINE BAY NEAR NE SHORE NEAR TANKS FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/ESTURY/BIO STORET Station ID(s): 33030GA1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

Parameter Inventory for Station: GUIS0293

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/97-12/29/98	51	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/97-12/29/98	38	27.	25.842	32.	14.	28.098	5.372	16.9	21.75	31.	32.
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/09/97-11/25/97	12	77.	73.325	87.	55.	131.124	11.423	56.5	62.5	83.	86.67
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/28/98-12/29/98	17	30.	28.824	34.	20.	17.979	4.19	20.8	25.	32.	34.
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/30/97-12/29/98	23	2.	2.609	9.	0.	4.181	2.035	1.	1.	3.	5.6
00080 COLOR (PLATINUM-COBALT UNITS)	09/30/97-12/29/98	23	20.	21.957	80.	5.	294.274	16.91	5.	15.	25.	46.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/15/98-12/29/98	13	33970.	30263.462	44080.	8212.	122861785.299	11185.593	8632.4	22965.	38925.	42724.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/98-12/29/98	19	25000.	22552.632	32100.	4900.	48224354.506	7189.033	9800.	20000.	27000.	29900.
00200 LIGHT,INCIDENT,400-700NM,INTENSITY,UEINSTEINS/M2/S	10/07/97-10/07/97	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	09/09/97-12/29/98	48	6.65	6.652	9.5	4.	1.433	1.24	5.42	5.825	7.5	8.1
00400 PH (STANDARD UNITS)	07/28/98-12/29/98	20	8.09	8.008	8.32	6.77	0.115	0.342	7.391	7.983	8.188	8.237
00400 CONVERTED PH (STANDARD UNITS)	07/28/98-12/29/98	20	8.069	7.739	8.315	6.768	0.203	0.46	7.4	7.983	8.21	8.249
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/98-12/29/98	20	0.009	0.019	0.176	0.005	0.001	0.035	0.006	0.007	0.011	0.046
00403 PH, LAB, STANDARD UNITS SU	10/07/97-12/01/98	16	8.3	8.212	8.5	7.6	0.042	0.198	7.88	8.125	8.3	8.43
00403 CONVERTED PH, LAB, STANDARD UNITS	10/07/97-12/01/98	16	8.299	8.183	8.521	7.617	0.043	0.201	7.883	8.112	8.299	8.421
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/97-12/01/98	16	0.006	0.008	0.027	0.004	0.	0.005	0.004	0.006	0.008	0.016
00480 SALINITY - PARTS PER THOUSAND	09/09/97-12/29/98	38	25.75	23.705	29.	3.5	31.977	5.655	15.01	23.425	27.125	28.31
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/07/97-12/29/98	22	20.5	22.227	40.	10.	82.101	8.829	10.3	15.75	27.75	37.
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	09/09/97-12/29/98	43	40.	102.93	470.	2.	15624.451	125.609	5.	10.	188.	276.
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED.	09/09/97-12/29/98	43	1.614	1.641	2.735	0.307	0.481	0.696	0.693	1.	2.349	2.484
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3			GEOMETRIC MEAN =	40.572								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/09/97-12/29/98	47	20.	58.426	420.	2.	7860.364	89.036	4.	8.	60.	200.
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/09/97-12/29/98	47	1.307	1.364	2.695	0.307	0.402	0.648	0.614	0.922	1.82	2.371
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			GEOMETRIC MEAN =	21.699								
31617 FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 31618)	10/28/97-10/28/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31617 LOG FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 316	10/28/97-10/28/97	1	0.614	0.614	0.614	0.614	0.	0.	**	**	**	**
31617 GM FECAL COLIFORM,MPN,EIJKMAN TEST,44.5C(TUBE 3161			GEOMETRIC MEAN =	4.								
32210 CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	03/17/98-12/21/98	19##	2.5	4.611	15.5	2.5	12.333	3.608	2.5	2.5	5.8	10.3
32211 CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/15/98-12/21/98	8##	4.2	7.075	19.3	2.5	39.328	6.139	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0293

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	23	0	0.00	10	0	0.00	1	0	0.00	8	0	0.00	4	0	0.00
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	48	1	0.02	20	0	0.00	2	0	0.00	14	1	0.07	12	0	0.00
00400 PH	Marine Chronic	8.5	20	0	0.00	12	0	0.00				1	0	0.00	7	0	0.00
	Other-Lo Lim.	6.5	20	0	0.00	12	0	0.00				1	0	0.00	7	0	0.00
00403 PH, LAB	Marine Chronic	8.5	16	1	0.06	6	0	0.00	1	0	0.00	7	0	0.00	2	1	0.50
	Other-Lo Lim.	6.5	16	0	0.00	6	0	0.00	1	0	0.00	7	0	0.00	2	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	43	0	0.00	20	0	0.00	2	0	0.00	9	0	0.00	12	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	47	5	0.11	21	2	0.10	2	0	0.00	12	2	0.17	12	1	0.08
31617 FECAL COLIFORM, MPN, EIJKMAN TEST, 44.5C	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0308

NPS Station ID: GUIS0308 LAT/LON: 30.328587/ -87.168866 Agency: 21FLA Date Created: 12/21/96
Location: LAFITTE COVE EAST END SANTA ROSA ISLAND FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/STREAM/BIO STORET Station ID(s): 3303GE79
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

Parameter Inventory for Station: GUIS0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/22/87-10/22/87	2	3.5	3.5	6.	1.	11.395	3.498	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/87-10/22/87	2	16.2	16.2	16.3	16.1	0.022	0.143	**	**	**	**
00032	CLOUD COVER (PERCENT)	10/22/87-10/22/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	10/22/87-10/22/87	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/22/87-10/22/87	2	3.5	3.5	5.	2.	5.074	2.198	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/22/87-10/22/87	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/22/87-10/22/87	2	12.5	12.5	15.	10.	11.395	3.498	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/22/87-10/22/87	2	40500.	40500.	41000.	40000.	504898.256	713.319	**	**	**	**
00299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	10/22/87-10/22/87	2	8.35	8.35	8.6	8.1	0.125	0.354	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/22/87-10/22/87	2	1.05	1.05	1.1	1.	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	10/22/87-10/22/87	2	7.7	7.7	7.8	7.6	0.022	0.143	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/22/87-10/22/87	2	7.687	7.687	7.775	7.617	0.011	0.11	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/87-10/22/87	2	0.022	0.022	0.027	0.017	0.	0.007	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/22/87-10/22/87	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/22/87-10/22/87	2	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/22/87-10/22/87	2	0.555	0.555	0.56	0.55	0.	0.007	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/87-10/22/87	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/22/87-10/22/87	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	10/22/87-10/22/87	2##	3.1	3.1	4.2	2.	2.327	1.502	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID, METH.	10/22/87-10/22/87	2##	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0308

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0368

NPS Station ID: GUIS0368 LAT/LON: 30.321670/ -87.225003 Agency: 11NPSWRD Date Created: 12/07/96
Location: FORT PICKENS EAST POND
Station Type: /TYPA/AMBNT/LAKE
FIPS State/County: 12033 FLORIDA/ESCAMBIA
STORET Station ID(s): GUIS_P2
RMI-Indexes:
RMI-Miles:
Within Park Boundary: Yes
HUC: 03140105 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PERDIDO-ESCAMBIA RIVER
Aquifer:
Water Body Id:
ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES GULF BREEZE FLORIDA (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON SANTA ROSA ISLAND AT FORT PICKENS EAST POND. THE POND IS NATURAL. THE DATA WAS COLLECTED BY TEMPORARY NPS EMPLOYEE R.G. STEWART. THE DATA WAS INCORPORATED INTO A 1991-1992 DIRECTED STUDY BY PHILLIPS B. HARDY OF THE UNIVERSITY OF WEST FLORIDA. THE RESULTING JULY 1992 REPORT BY HARDY IS TITLED "A CHARACTERIZATION OF EAST POND: A BARRIER ISLAND DUNE POND WITHIN THE FORT PICKENS UNIT OF THE GULF ISLANDS NATIONAL SEASHORE." THE SITE IS THE RESPONSIBILITY OF GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FLORIDA 32561. PH(904)934-2600. FOR MORE INFORMATION CONTACT RILEY HOGGARD - RESOURCES MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE AS LISTED ABOVE. DATA WAS PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		07/03/91-09/28/92	93	0.	1620.882	3277.	0.	2976548.563	1788.489	0.	0.	3277.	3277.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		07/03/91-09/28/92	93	24.	22.9	32.	9.1	38.964	6.116	13.5	18.35	28.8	30.
00021 TEMPERATURE, AIR (DEGREES FAHRENHEIT)		09/07/91-03/15/92	20	78.	75.65	90.	53.	165.298	12.52	53.7	61.75	86.75	88.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		07/03/91-09/28/92	88	1885.	2066.557	3430.	199.	879533.017	955.025	1029.	1312.5	2985.	3345.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	07/03/91-06/13/92	86	7.95	8.36	15.6	5.7	2.47	1.538	7.	7.3	9.25	10.3
00406 PH, FIELD, STANDARD UNITS	SU	07/03/91-06/13/92	88	7.125	7.45	8.77	6.71	0.362	0.623	6.89	6.983	7.898	8.451
00406 CONVERTED PH, FIELD, STANDARD UNITS		07/03/91-06/13/92	88	7.113	7.163	8.799	6.72	0.46	0.684	6.863	7.	7.916	8.425
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/03/91-06/13/92	88	0.079	0.068	0.201	0.002	0.003	0.05	0.004	0.014	0.109	0.134
00480 SALINITY - PARTS PER THOUSAND		07/03/91-09/28/92	88	1.	1.26	3.	0.2	0.53	0.724	0.5	0.625	2.	2.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0368

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	86	0	0.00	24	0	0.00	20	0	0.00	28	0	0.00	14	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	88	0	0.00	24	0	0.00	18	0	0.00	32	0	0.00	14	0	0.00
	Other-Lo Lim.	6.5	88	0	0.00	24	0	0.00	18	0	0.00	32	0	0.00	14	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0369

NPS Station ID: GUIS0369 LAT/LON: 30.320837/ -87.225003 Agency: 11NPSWRD Date Created: 01/25/97
Location: FORT PICKENS POND 3
Station Type: /TYPA/AMBNT/LAKE FIPS State/County: 12033 FLORIDA/ESCAMBIA
RMI-Indexes: STORET Station ID(s): GUIS_WI_081
RMI-Miles: Within Park Boundary: Yes
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA RIVER ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES GULF BREEZE FLORIDA-ESCAMBIA CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT FORT PICKENS POND 3 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT RILEY HOGGARD AS LISTED ABOVE. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	08/26/93-06/16/94	4	7.5	7.675	9.2	6.5	1.464	1.25	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	08/26/93-06/16/94	4	8.	8.125	8.8	7.7	0.209	0.466	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		08/26/93-06/16/94	4	7.997	7.986	8.823	7.696	0.278	0.521	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		08/26/93-06/16/94	4	0.011	0.011	0.022	0.002	0.	0.008	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		08/26/93-06/16/94	4	4.	3.75	4.	3.	0.274	0.518	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0369

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0373

NPS Station ID: GUIS0373 LAT/LON: 30.321670/ -87.226670 Agency: 11NPSWRD Date Created: 01/25/97
Location: FORT PICKENS EAST POND
FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_136
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA RIVER ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES GULF BREEZE FLORIDA (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE POND EAST OF PARSON'S POND IN THE SANTA ROSA ISLAND FORT PICKENS DISTRICT AS DESIGNATED BY THE REPORT. DATA FOR THIS SITE ORIGINATE FROM A DIRECTED STUDY BY D.W. PARSONS OF THE UNIVERSITY OF WEST FLORIDA. THE FINAL REPORT BY D.W. PARSONS WAS TITLED "ANALYSIS OF FORT PICKENS DISTRICT PONDS" (04-30-1993). DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT RILEY HOGGARD AS LISTED ABOVE. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		01/27/93-04/13/93	7	20.1	18.886	23.5	10.1	18.087	4.2	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	01/27/93-04/13/93	7	7.2	7.786	10.2	5.6	2.798	1.615	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	01/19/93-04/13/93	7	6.49	5.811	6.83	4.08	1.26	1.096	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		01/19/93-04/13/93	7	6.482	4.837	6.815	4.062	2.421	1.525	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		01/19/93-04/13/93	7	0.331	14.434	76.106	0.154	802.705	29.058	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		01/19/93-04/13/93	7	4.9	4.786	6.1	3.1	1.274	1.101	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0373

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00				5	0	0.00	2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	7	0	0.00				5	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	7	4	0.57				5	3	0.60	2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0377

NPS Station ID: GUIS0377 LAT/LON: 30.321670/ -87.230004 Agency: 11NPSWRD Date Created: 01/25/97
Location: FORT PICKENS PARSON'S POND FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_102
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA RIVER ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES GULF BREEZE FLORIDA (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT PARSON'S POND (BETWEEN THE EAST POND AND THE WEST POND (OF STATIONS GUIS_WI_136 AND GUIS_WI_103 RESPECTIVELY) IN THE SANTA ROSA ISLAND FORT PICKENS DISTRICT AS DESIGNATED BY THE REPORT. DATA FOR THIS SITE ORIGINATE FROM A DIRECTED STUDY BY D.W. PARSONS OF THE UNIVERSITY OF WEST FLORIDA. THE FINAL REPORT BY D.W. PARSONS WAS TITLED "ANALYSIS OF FORT PICKENS DISTRICT PONDS" (04-30-1993). DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT RILEY HOGGARD AS LISTED ABOVE. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		01/27/93-04/13/93	7	20.5	19.471	25.1	10.2	22.43	4.571	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	01/27/93-04/13/93	7	6.3	7.443	11.8	5.7	4.568	2.108	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	01/19/93-04/13/93	7	6.06	5.757	7.26	4.17	2.	1.414	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		01/19/93-04/13/93	7	6.077	4.689	7.283	4.197	2.93	1.768	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		01/19/93-04/13/93	7	0.873	18.382	62.119	0.058	651.536	24.894	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		01/19/93-04/13/93	7	14.2	14.329	17.2	10.6	7.673	2.782	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0377

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00				5	0	0.00	2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	7	0	0.00				5	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	7	4	0.57				5	2	0.40	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0380

NPS Station ID: GUIS0380 LAT/LON: 30.321670/ -87.233337 Agency: 11NPSWRD Date Created: 01/25/97
Location: FORT PICKENS WEST POND
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03140105 Depth of Water: 0 FIPS State/County: 12033 FLORIDA/ESCAMBIA
Major Basin: SOUTHEAST Elevation: 0 STORET Station ID(s): GUIS_WI_103
Minor Basin: PERDIDO-ESCAMBIA RIVER Within Park Boundary: Yes
RF1 Index: 03140105 RF1 Mile Point: 0.000 Aquifer:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES GULF BREEZE FLORIDA (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE POND WEST OF PARSON'S POND IN THE SANTA ROSA ISLAND FORT PICKENS DISTRICT AS DESIGNATED BY THE REPORT. DATA FOR THIS SITE ORIGINATE FROM A DIRECTED STUDY BY D.W. PARSONS OF THE UNIVERSITY OF WEST FLORIDA. THE FINAL REPORT BY D.W. PARSONS WAS TITLED "ANALYSIS OF FORT PICKENS DISTRICT PONDS" (04-30-1993). DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT RILEY HOGGARD AS LISTED ABOVE. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		01/27/93-04/13/93	7	19.6	19.043	24.4	10.3	19.11	4.292	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	01/27/93-04/13/93	7	6.5	7.114	9.8	4.9	3.133	1.816	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	01/19/93-04/13/93	7	6.39	5.869	7.03	4.45	1.327	1.118	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		01/19/93-04/13/93	7	6.403	4.977	7.037	4.419	2.317	1.499	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		01/19/93-04/13/93	7	0.415	9.69	33.026	0.098	197.734	14.445	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		01/19/93-04/13/93	7	2.2	2.786	3.9	2.	0.716	0.876	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0380

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00				5	0	0.00	2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	7	0	0.00				5	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	7	4	0.57				5	3	0.60	2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0482

NPS Station ID: GUIS0482 LAT/LON: 30.327504/ -87.297503 Agency: 11NPSWRD Date Created: 01/25/97
Location: FORT PICKENS POND 4
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03140105 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PERDIDO-ESCAMBIA RIVER
RF1 Index: 03140105 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00

FIPS State/County: 12033 FLORIDA/ESCAMBIA
STORET Station ID(s): GUIS_WI_082
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES FORT BARRANCAS FLORIDA-ESCAMBIA CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT FORT PICKENS POND 4 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT RILEY HOGGARD AS LISTED ABOVE. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0482

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	08/26/93-06/16/94	4	7.85	7.525	9.2	5.2	3.907	1.981	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	08/26/93-06/16/94	4	8.6	8.575	9.	8.1	0.142	0.372	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		08/26/93-06/16/94	4	8.6	8.489	8.981	8.077	0.151	0.381	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		08/26/93-06/16/94	4	0.003	0.004	0.009	0.001	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		08/26/93-06/16/94	4	6.5	5.75	7.	3.	3.177	1.825	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0482

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	4	1	0.25	1	0	0.00	1	0	0.00	1	0	0.00	1	1	1.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0504

NPS Station ID: GUIS0504 LAT/LON: 30.328337/ -87.300004 Agency: 11NPSWRD Date Created: 01/25/97
Location: FORT PICKENS POND STATION 1 FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_070
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA RIVER ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES FORT BARRANCAS FLORIDA-ESCAMBIA CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A 1968 REPORT BY PAUL T. HEITMULLER TITLED "PRELIMINARY STUDY ON FORT PICKENS POND." THE REPORT IS FILED IN THE FLORIDA DISTRICT LIBRARY. THE SITE IS AT FORT PICKENS POND STATION 1 AS DESIGNATED BY THE REPORT. THE POND IS ON THE WESTERN TIP OF SANTA ROSA ISLAND. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT RILEY HOGGARD AS LISTED ABOVE. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0504

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)		09/04/68-09/04/68	6	12.	12.333	25.	0.	138.555	11.675	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		09/04/68-09/04/68	6	27.15	23.9	28.5	16.1	34.797	5.848	**	**	**	**
00299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	09/04/68-09/04/68	6	5.1	3.517	5.6	0.	7.738	2.791	**	**	**	**
00403	PH, LAB, STANDARD UNITS	SU	09/04/68-09/04/68	6	8.3	7.95	8.5	7.	0.454	0.681	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS		09/04/68-09/04/68	6	8.299	7.561	8.521	7.014	0.672	0.795	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/04/68-09/04/68	6	0.006	0.032	0.105	0.004	0.002	0.043	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		09/04/68-09/04/68	6	80.5	129.	263.	74.	6837.759	84.25	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		09/04/68-09/04/68	6	2.1	2.25	3.2	1.8	0.24	0.492	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)		09/04/68-09/04/68	6	0.04	0.055	0.09	0.04	0.001	0.023	**	**	**	**
32230	CHLOROPHYLL A (MG/L)		09/04/68-09/04/68	3	1.87	3.797	8.27	1.25	14.373	3.833	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0504

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	48	0	0.00										4	0	0.00
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00										6	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00										6	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GUIS0504

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00										6	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0505

NPS Station ID: GUIS0505 LAT/LON: 30.328337/ -87.301670 Agency: 11NPSWRD Date Created: 01/25/97
Location: FORT PICKENS POND SR ISLAND FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_069
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA RIVER ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES FORT BARRANCAS FLORIDA-ESCAMBIA CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A 1968 REPORT BY PAUL T. HEITMULLER TITLED "PRELIMINARY STUDY ON FORT PICKENS POND." THE REPORT IS FILED IN THE FLORIDA DISTRICT LIBRARY. THE SITE IS AT FORT PICKENS POND TOWARD THE SOUTHERN SHORE ON THE WESTERN TIP OF SANTA ROSA ISLAND. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT RILEY HOGGARD AS LISTED ABOVE. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0505

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		09/04/68-09/04/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		09/04/68-09/04/68	2	28.25	28.25	28.6	27.9	0.213	0.469	**	**	**	**
00403 PH, LAB, STANDARD UNITS	SU	09/04/68-09/04/68	2	8.4	8.4	8.5	8.3	0.022	0.143	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS		09/04/68-09/04/68	2	8.369	8.369	8.521	8.299	0.026	0.164	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/04/68-09/04/68	2	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CACO3)		09/04/68-09/04/68	2	76.5	76.5	80.	73.	25.887	5.201	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		09/04/68-09/04/68	2	2.15	2.15	2.2	2.1	0.005	0.071	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)		09/04/68-09/04/68	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
32230 CHLOROPHYLL A (MG/L)		09/04/68-09/04/68	1	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0505

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00403 PH, LAB	Fresh Chronic	9.	2	0	0.00										2	0	0.00
	Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0512

NPS Station ID: GUIS0512 LAT/LON: 30.328337/ -87.303337 Agency: 11NPSWRD Date Created: 01/25/97
Location: FORT PICKENS POND STATION 2 FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_071
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140107 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA RIVER ECO Region:
RF1 Index: 03140107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES FORT BARRANCAS FLORIDA-ESCAMBIA CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A 1968 REPORT BY PAUL T. HEITMULLER TITLED "PRELIMINARY STUDY ON FORT PICKENS POND." THE REPORT IS FILED IN THE FLORIDA DISTRICT LIBRARY. THE SITE IS AT FORT PICKENS POND STATION 2 AS DESIGNATED BY THE REPORT. THE POND IS ON THE WESTERN TIP OF SANTA ROSA ISLAND. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT RILEY HOGGARD AS LISTED ABOVE. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0512

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-09/04/68	6	10.	10.	20.	0.	72.929	8.426	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-09/04/68	6	27.35	26.483	29.1	20.1	11.353	3.493	**	**	**	**
00299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	09/04/68-09/04/68	5	5.2	4.04	5.7	0.	5.485	2.266	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/04/68	6	8.3	8.183	8.5	7.3	0.206	0.463	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/04/68	6	8.299	7.936	8.521	7.315	0.275	0.519	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/04/68	6	0.006	0.013	0.053	0.004	0.	0.019	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/04/68-09/04/68	6	83.	100.167	189.	79.	1679.782	41.834	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/04/68-09/04/68	6	2.1	2.067	2.2	1.9	0.017	0.13	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/04/68-09/04/68	6	0.04	0.04	0.08	0.02	0.	0.021	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	09/04/68-09/04/68	3	1.33	1.753	2.78	1.15	0.786	0.909	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0512

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4&	1	0.25										4	1	0.25
00403 PH, LAB	Fresh Chronic	9.	6	0	0.00										6	0	0.00
	Other-Lo Lim.	6.5	6	0	0.00										6	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GUIS0512

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00										6	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0521

NPS Station ID: GUIS0521 LAT/LON: 30.325282/ -87.316116 Agency: 11NPSWRD Date Created: 01/25/97
Location: PERDIDO KEY POND 6
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03140107 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PERDIDO-ESCAMBIA RIVER
RF1 Index: 03140107 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

FIPS State/County: 12033 FLORIDA/ESCAMBIA
STORET Station ID(s): GUIS_WI_083
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES FORT BARRANCAS FLORIDA-ESCAMBIA CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT PERDIDO KEY POND 6 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT RILEY HOGGARD AS LISTED ABOVE. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0521

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	08/31/93-07/29/94	4	10.1	10.15	11.6	8.8	1.346	1.125	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	08/31/93-07/29/94	4	9.25	9.1	9.5	8.4	0.219	0.474	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		08/31/93-07/29/94	4	9.241	8.88	9.505	8.378	0.293	0.533	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		08/31/93-07/29/94	4	0.001	0.002	0.004	0.	0.	0.002	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		08/31/93-07/29/94	4	2.	2.5	4.	2.	1.096	1.037	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0521

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00									
00406 PH, FIELD	*Fresh Chronic*	9.	4	3	0.75	1	1	1.00				2	0	0.00	1	*0*	*0.00*
	Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00				2	1	0.50	1	1	1.00
												2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0522

NPS Station ID: GUIS0522 LAT/LON: 30.325004/ -87.316670 Agency: 11NPSWRD Date Created: 12/07/96
Location: PERDIDO KEY FORT MCRAE POND FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_P1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140107 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA RIVER ECO Region:
RF1 Index: 03140107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES FORT BARRANCAS FLORIDA-ESCAMBIA CO. (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON THE TIP OF PERDIDO KEY AT THE FORT MCRAE POND. THE POND IS NATURAL. THE DATA WAS COLLECTED BY TEMPORARY NPS EMPLOYEE R.G. STEWART. THE SITE IS THE RESPONSIBILITY OF GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FLORIDA 32561. PH(904)934-2600. FOR MORE INFORMATION CONTACT RILEY HOGGARD - RESOURCES MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE AS LISTED ABOVE. DATA WAS PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0522

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		06/06/91-06/13/92	94	1638.5	1638.5	3277.	0.	2976573.467	1788.495	0.	0.	3277.	3277.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		06/06/91-06/13/92	93	22.4	21.411	33.	11.	31.209	5.601	13.62	16.25	24.35	30.3
00021 TEMPERATURE, AIR (DEGREES FAHRENHEIT)		08/07/91-05/17/92	28	71.	69.357	90.	49.	135.283	11.565	53.5	58.	74.	88.2
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		07/17/91-06/13/92	89	335.	322.955	432.	245.	2117.765	45.861	260.	281.	364.	378.
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	06/06/91-05/30/92	84	8.4	9.088	12.3	6.3	2.239	1.479	7.45	8.025	10.375	11.3
00406 PH, FIELD, STANDARD UNITS	SU	07/17/91-06/13/92	90	8.625	8.543	9.38	7.35	0.259	0.507	7.761	8.218	8.983	9.18
00406 CONVERTED PH, FIELD, STANDARD UNITS		07/17/91-06/13/92	90	8.62	8.257	9.41	7.355	0.341	0.565	7.744	8.233	8.967	9.187
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/17/91-06/13/92	90	0.003	0.006	0.048	0.	0.	0.008	0.001	0.001	0.007	0.019
00480 SALINITY - PARTS PER THOUSAND		07/17/91-06/13/92	90##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0522

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	84	0	0.00	26	0	0.00	20	0	0.00	22	0	0.00	16	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	90	19	0.21	26	11	0.42	20	2	0.10	28	5	0.18	16	1	0.06
	Other-Lo Lim.	6.5	90	0	0.00	26	0	0.00	20	0	0.00	28	0	0.00	16	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0524

NPS Station ID: GUIS0524 LAT/LON: 30.327781/ -87.318615 Agency: 21FLBFA Date Created: 04/09/94
Location: BIG LAGOON FT MCREE LNDING SOUTH CUT MID CHANNEL
FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 330200M7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03140107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03140107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:
FREQUENTLY SAMPLED BY BREAM
FDEP PENSACOLA DONELAN

FISHERMEN ASSOCIATION CONTACT
904 444 8300

Parameter Inventory for Station: GUIS0524

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		04/06/94-10/26/98	20	5.	5.1	8.	3.	1.838	1.368	3.1	4.	5.75	7.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		04/06/94-10/26/98	20	23.	21.94	29.9	12.9	27.539	5.33	13.52	18.625	26.425	29.05
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)		04/06/94-10/26/98	20	23.3	23.03	33.	9.	45.784	7.008	12.1	19.5	27.75	32.9
00032 CLOUD COVER (PERCENT)		04/06/94-10/26/98	20	35.	48.5	100.	0.	2123.694	45.912	0.	2.5	98.75	100.
00035 WIND VELOCITY (MILES PER HOUR)		04/06/94-10/26/98	20	7.	8.7	18.	0.	30.246	5.532	0.5	5.	15.	15.
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)		04/06/94-10/26/98	20	2.75	3.175	10.	1.	6.563	2.615	1.	1.25	3.75	8.6
00078p TRANSPARENCY, SECCHI DISC (METERS)		04/06/94-10/26/98	19	2.2	2.155	3.	1.2	0.415	0.657	1.25	1.5	2.5	3.
00080p COLOR (PLATINUM-COBALT UNITS)		04/06/94-10/26/98	20	10.	12.75	40.	5.	108.618	10.6	5.	5.	18.75	30.
00090p OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)		04/06/94-10/26/98	18	335.	332.667	421.	114.	3853.484	62.467	301.2	322.75	350.	394.
00094p SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		04/06/94-10/26/98	19	40810.	38100.368	50297.	14060.	91088887.657	9244.191	19430.	34700.	43870.	45600.
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		04/06/94-10/26/98	14	33000.	30978.571	41500.	18000.	42933778.621	6386.737	20000.	26500.	35250.	39250.
00299p OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	04/06/94-10/26/98	19	7.5	7.711	10.3	5.8	1.578	1.287	6.1	6.6	8.6	9.8
00300 OXYGEN, DISSOLVED	MG/L	04/23/95-04/23/95	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C	MG/L	04/06/94-10/26/98	20##	0.25	0.5	1.2	0.25	0.115	0.342	0.25	0.25	0.775	1.09
00400p PH (STANDARD UNITS)		04/06/94-10/26/98	19	8.15	8.122	8.31	7.7	0.03	0.175	7.75	8.08	8.25	8.3
00400p CONVERTED PH (STANDARD UNITS)		04/06/94-10/26/98	19	8.18	8.066	8.307	7.696	0.035	0.184	7.736	8.061	8.259	8.299
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		04/06/94-10/26/98	19	0.008	0.009	0.022	0.005	0.	0.004	0.006	0.006	0.009	0.019
00403p PH, LAB, STANDARD UNITS	SU	04/23/95-10/26/98	10	8.2	8.17	8.5	7.8	0.034	0.182	7.82	8.075	8.225	8.48
00403p CONVERTED PH, LAB, STANDARD UNITS		04/23/95-10/26/98	10	8.22	8.104	8.521	7.775	0.045	0.22	7.797	8.057	8.239	8.499
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		04/23/95-10/26/98	10	0.007	0.008	0.017	0.004	0.	0.004	0.004	0.007	0.009	0.017
00480p SALINITY - PARTS PER THOUSAND		04/06/94-08/03/98	18	26.05	24.078	33.1	8.2	44.067	6.42	10.18	21.675	28.275	30.31
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)		04/06/94-10/26/98	20	19.5	21.775	59.	2.5	219.935	15.064	2.5	12.5	31.5	47.7
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)		04/06/94-10/26/98	20	0.012	0.02	0.08	0.005	0.	0.021	0.005	0.005	0.033	0.05
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)		04/06/94-10/26/98	20	0.32	0.351	1.1	0.15	0.045	0.22	0.157	0.235	0.385	0.527
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)		04/06/94-10/26/98	20##	0.004	0.011	0.06	0.002	0.	0.016	0.002	0.002	0.018	0.039
00665p PHOSPHORUS, TOTAL (MG/L AS P)		04/06/94-10/26/98	20	0.024	0.023	0.045	0.01	0.	0.009	0.01	0.016	0.03	0.035
00680 CARBON, TOTAL ORGANIC (MG/L AS C)		07/23/95-07/23/95	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
31501p COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C		04/06/94-10/26/98	19##	10.	94.474	1200.	5.	74612.056	269.525	5.	5.	20.	330.
31501p LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED.		04/06/94-10/26/98	19##	1.	1.201	3.128	0.693	0.457	0.682	0.693	0.693	1.307	2.547
31501p GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3				GEOMETRIC MEAN =	15.023								
31616p FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		04/06/94-10/26/98	19##	5.	24.211	300.	5.	4384.544	65.754	5.	5.	10.	40.
31616p LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		04/06/94-10/26/98	19##	0.693	0.95	2.513	0.693	0.21	0.466	0.693	0.693	1.	1.614
31616p GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				GEOMETRIC MEAN =	8.535								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GUIS0524

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32210 CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/06/94-07/27/97	5	4.	4.82	10.1	2.5	8.931	2.955	**	**	**	**
32211 CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/06/94-07/27/97	5##	2.5	3.9	8.5	2.5	6.314	2.575	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0524

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	20	0	0.00	5	0	0.00	4	0	0.00	10	0	0.00	1	0	0.00
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	19	0	0.00	5	0	0.00	4	0	0.00	9	0	0.00	1	0	0.00
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400 PH	Marine Chronic	8.5	19	0	0.00	5	0	0.00	4	0	0.00	9	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	19	0	0.00	5	0	0.00	4	0	0.00	9	0	0.00	1	0	0.00
00403 PH, LAB	Marine Chronic	8.5	10	1	0.10	1	0	0.00	2	0	0.00	7	1	0.14			
	Other-Lo Lim.	6.5	10	0	0.00	1	0	0.00	2	0	0.00	7	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	19	1	0.05	4	0	0.00	4	0	0.00	10	1	0.10	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	19	1	0.05	5	0	0.00	4	0	0.00	9	1	0.11	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0528

NPS Station ID: GUIS0528 LAT/LON: 30.325004/ -87.325005 Agency: 21FLA Date Created: / /
Location: PENSACOLA BAY E END BIG LAGOON FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 330200M6
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03140105 Depth of Water: 0 Aquifer:
Major Basin: SOUTH-EAST Elevation: 0 Water Body Id:
Minor Basin: PERDIDO-ESCAMBIA ECO Region:
RF1 Index: 03140105 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03140105001110.60 RF3 Mile Point: 12.43 Distance from RF3: 0.54 On/Off RF3:
Description:
SEGMENT 33.2AA BODY OF WATER: BAY, PENSACOLA PENSACOLA BAY, EAST END OF BIG LAGOON

Parameter Inventory for Station: GUIS0528

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	03/31/70-10/26/93	7	6.	5.	12.	0.	22.989	4.964	**	**	**	**
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/70-10/26/93	6	24.9	23.983	28.5	17.	22.593	4.584	**	**	**	**
00032 CLOUD COVER (PERCENT)	11/27/89-11/27/89	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00035 WIND VELOCITY (MILES PER HOUR)	11/27/89-11/27/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00070 TURBIDITY, (JACKSON CANDLE UNITS)	03/31/70-07/12/72	2##	9.75	9.75	12.5	7.	13.238	3.71	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/72-11/27/89	2##	19.25	19.25	38.	0.5	658.556	25.	**	**	**	**
00078 TRANSPARENCY, SECCHI DISC (METERS)	10/26/93-10/26/93	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00080 COLOR (PLATINUM-COBALT UNITS)	03/31/70-11/27/89	6	22.5	26.667	60.	5.	427.676	21.069	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	10/26/93-10/26/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/27/89-10/26/93	2	38050.	38050.	42000.	34100.	31674115.67	5661.445	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/89-10/26/93	2	7.65	7.65	8.1	7.2	0.423	0.662	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/31/70-08/09/72	5	7.8	6.8	8.	3.	4.649	2.123	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	03/31/70-11/27/89	6	1.4	2.4	7.6	0.8	6.374	2.585	**	**	**	**
00400 PH (STANDARD UNITS)	03/31/70-10/26/93	5	8.6	8.34	8.8	7.4	0.34	0.565	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/31/70-10/26/93	5	8.6	7.988	8.823	7.394	0.474	0.692	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/70-10/26/93	5	0.003	0.011	0.042	0.002	0.	0.017	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	03/31/70-11/27/89	2	7.8	7.8	8.	7.6	0.088	0.286	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	03/31/70-11/27/89	2	7.741	7.741	7.997	7.617	0.081	0.277	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/70-11/27/89	2	0.019	0.019	0.027	0.011	0.	0.011	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CACO3)	03/31/70-08/09/72	5	90.	85.	113.	54.	528.718	22.918	**	**	**	**
00435 ACIDITY, TOTAL (MG/L AS CACO3)	03/31/70-03/31/70	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	07/12/72-10/26/93	3	26.6	27.333	34.	21.4	44.211	6.428	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/09/72-11/27/89	2##	30.25	30.25	58.	2.5	1633.375	41.374	**	**	**	**
00605 NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/06/70-08/09/72	4	0.6	0.828	1.71	0.4	0.374	0.63	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/70-11/27/89	5	0.14	0.13	0.2	0.	0.007	0.083	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	03/31/70-03/31/70	1##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00619 AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	11/27/89-11/27/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/06/70-08/09/72	4	0.4	0.388	0.63	0.12	0.072	0.265	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/31/70-11/27/89	2	0.6	0.6	0.94	0.26	0.203	0.461	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/27/89-11/27/89	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/12/72-11/27/89	3	0.01	0.03	0.07	0.01	0.001	0.033	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	03/31/70-08/09/72	5	10900.	13033.	19300.	8365.	22950695.224	4636.259	**	**	**	**
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	11/27/89-11/27/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,	11/27/89-11/27/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3			GEOMETRIC MEAN =	9.548								
31505 COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/31/70-07/12/72	3	4.	4.333	8.	1.	13.007	3.685	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GUIS0528

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505 LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/31/70-07/12/72	3	0.614	0.512	0.922	0.	0.227	0.481	**	**	**	**
31505 GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506		GEOMETRIC MEAN =		3.175								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/27/89-11/27/89	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/27/89-11/27/89	1##	0.693	0.693	0.693	0.693	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		GEOMETRIC MEAN =		4.774								
32210 CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11/27/89-11/27/89	1##	2.	2.	2.	2.	0.	0.	**	**	**	**
32211 CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	11/27/89-11/27/89	1##	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0528

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	1	0.20				1	0	0.00	3	0	0.00	1	1	1.00
00400 PH	Marine Chronic	8.5	5	3	0.60	1	0	0.00	1	1	1.00	3	2	0.67			
	Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00403 PH, LAB	Marine Chronic	8.5	2	0	0.00	1	0	0.00	1	0	0.00						
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505 COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00				1	0	0.00	2	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0533

NPS Station ID: GUIS0533 LAT/LON: 30.318059/ -87.341670 Agency: 21FLA Date Created: 12/17/94
Location: BIG LAGOON TWEEN REDFISH SPANISH PTS 100YD 15DPT
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 03140107 Depth of Water: 0
Major Basin: Elevation: 0
Minor Basin:
RF1 Index: 03140107 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

FIPS State/County: 12033 FLORIDA/ESCAMBIA
STORET Station ID(s): 33020M15
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Parameter Inventory for Station: GUIS0533

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	07/26/94-10/18/94	4	7.5	7.75	15.	1.	65.257	8.062	**	**	**	**
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/94-10/18/94	3	29.	27.067	30.7	21.5	22.252	4.557	**	**	**	**
00032 CLOUD COVER (PERCENT)	10/18/94-10/18/94	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00035 WIND VELOCITY (MILES PER HOUR)	10/18/94-10/18/94	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00078 TRANSPARENCY, SECCHI DISC (METERS)	07/26/94-07/26/94	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/26/94-07/26/94	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/26/94-10/18/94	3	32700.	31666.667	38600.	23700.	58381966.762	7751.36	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	07/26/94-10/18/94	4	5.4	5.375	7.5	3.2	4.323	2.063	**	**	**	**
00400 PH (STANDARD UNITS)	07/26/94-10/18/94	3	7.8	7.7	7.9	7.4	0.069	0.26	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/26/94-10/18/94	3	7.775	7.652	7.918	7.394	0.075	0.269	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/94-10/18/94	3	0.017	0.024	0.042	0.014	0.	0.015	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	07/26/94-10/18/94	3	20.4	19.667	24.5	14.1	24.597	5.097	**	**	**	**
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	10/18/94-10/18/94	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,	10/18/94-10/18/94	1##	0.693	0.693	0.693	0.693	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3		GEOMETRIC MEAN =		4.774								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/94-10/18/94	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/18/94-10/18/94	1##	0.693	0.693	0.693	0.693	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		GEOMETRIC MEAN =		4.774								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit ρ - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0533

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	2	0.50	1	0	0.00				3	2	0.67			
00400 PH	Marine Chronic	8.5	3	0	0.00	1	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0535

NPS Station ID: GUIS0535 LAT/LON: 30.318059/ -87.341670 Agency: 21FLBFA Date Created: 04/09/94
Location: BIG LAGOON TWEEN REDFISH/SPANISH PTS 100YD 15DEP
Station Type: /TYPA/AMBNT/ESTURY
FIPS State/County: 12033 FLORIDA/ESCAMBIA
STORET Station ID(s): 33020M15
Within Park Boundary: Yes
RMI-Indexes:
RMI-Miles:
HUC: 03140107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03140107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:
FREQUENTLY SAMPLED BY BREAM
FDEP PENSACOLA DONELAN

FISHERMEN ASSOCIATION CONTACT
904 444 8300

Parameter Inventory for Station: GUIS0535

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	04/06/94-10/26/98	19	6.	5.526	7.	4.	1.025	1.01	4.	5.	6.	7.
00010p TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/94-10/26/98	19	22.2	22.063	30.5	11.5	33.057	5.73	13.2	19.5	28.	29.4
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/06/94-10/26/98	19	24.8	23.095	33.	10.	44.944	6.469	13.	19.	27.	32.
00032 CLOUD COVER (PERCENT)	04/06/94-10/26/98	18	15.	42.778	100.	0.	1927.812	44.181	0.	0.	90.	100.
00035 WIND VELOCITY (MILES PER HOUR)	04/06/94-10/26/98	18	10.	9.278	20.	0.	31.895	5.649	0.	5.	15.	18.2
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/06/94-10/26/98	19	3.	4.	11.	1.	8.33	2.874	1.	2.	5.	9.
00078p TRANSPARENCY, SECCHI DISC (METERS)	04/06/94-10/26/98	19	2.	2.155	3.5	1.	0.477	0.694	1.2	1.5	2.75	3.3
00080p COLOR (PLATINUM-COBALT UNITS)	04/06/94-10/26/98	19	15.	18.684	50.	5.	174.036	12.775	5.	10.	30.	40.
00090p OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/06/94-10/26/98	17	337.	331.059	418.	118.	3902.979	62.785	276.4	324.	354.	398.
00094p SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/06/94-10/26/98	18	34080.	34333.222	45900.	14840.	77077420.622	8654.895	20024.	30012.5	42222.5	44127.
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/06/94-10/26/98	13	29000.	27665.385	40000.	11800.	65414442.907	8109.203	14280.	21500.	34275.	38000.
00299p OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/06/94-10/26/98	18	7.85	7.894	10.3	5.3	2.147	1.455	5.66	6.65	9.075	10.21
00300 OXYGEN, DISSOLVED MG/L	04/23/95-04/23/95	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C MG/L	04/06/94-10/26/98	19##	0.25	0.503	1.5	0.25	0.188	0.446	0.25	0.25	0.7	1.4
00400p PH (STANDARD UNITS)	04/06/94-10/26/98	18	8.175	8.108	8.31	7.7	0.04	0.196	7.745	8.003	8.258	8.31
00400p CONVERTED PH (STANDARD UNITS)	04/06/94-10/26/98	18	8.199	8.047	8.307	7.696	0.044	0.202	7.732	7.999	8.265	8.307
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/06/94-10/26/98	18	0.007	0.01	0.022	0.005	0.	0.005	0.005	0.006	0.011	0.02
00403p PH, LAB, STANDARD UNITS SU	04/23/95-10/26/98	9	8.1	7.989	8.2	7.5	0.083	0.28	7.5	7.7	8.2	8.2
00403p CONVERTED PH, LAB, STANDARD UNITS	04/23/95-10/26/98	9	8.077	7.918	8.22	7.473	0.087	0.284	7.473	7.696	8.22	8.22
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/95-10/26/98	9	0.009	0.014	0.034	0.007	0.	0.01	0.007	0.007	0.022	0.034
00480p SALINITY - PARTS PER THOUSAND	04/06/94-08/03/98	17	22.	21.459	29.8	8.5	48.836	7.188	8.58	17.	27.2	28.68
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/06/94-10/26/98	19	18.	19.211	48.	2.5	187.98	14.16	2.5	6.	25.	44.
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/06/94-10/26/98	19##	0.01	0.019	0.071	0.005	0.001	0.023	0.005	0.005	0.019	0.066
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/06/94-10/26/98	19	0.31	0.351	0.61	0.15	0.018	0.131	0.21	0.24	0.43	0.58
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/06/94-10/26/98	19	0.004	0.013	0.04	0.002	0.	0.015	0.002	0.002	0.03	0.04
00665p PHOSPHORUS, TOTAL (MG/L AS P)	04/06/94-10/26/98	19	0.023	0.025	0.046	0.008	0.	0.01	0.011	0.016	0.033	0.044
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/95-07/23/95	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
31501p COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C	04/06/94-10/26/98	18##	10.	39.722	270.	5.	4400.904	65.851	5.	5.	60.	117.
31501p LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,	04/06/94-10/26/98	18##	1.	1.217	2.476	0.693	0.34	0.565	0.693	0.693	1.82	2.105
31501p GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3			GEOMETRIC MEAN =	15.597								
31616p FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/94-10/26/98	18##	7.5	48.611	700.	5.	24045.463	160.165	5.	5.	10.	124.
31616p LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/06/94-10/26/98	18##	0.846	0.996	2.874	0.693	0.301	0.538	0.693	0.693	1.	1.926
31616p GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C			GEOMETRIC MEAN =	9.465								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GUIS0535

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32210p CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/06/94-10/26/98	10##	2.5	3.89	11.4	2.5	8.003	2.829	2.5	2.5	5.	10.76
32211p CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/06/94-10/26/98	9##	2.5	3.7	9.8	2.5	7.	2.682	2.5	2.5	4.25	9.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0535

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	19	0	0.00	5	0	0.00	4	0	0.00	9	0	0.00	1	0	0.00
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400 PH	Marine Chronic	8.5	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
00403 PH, LAB	Marine Chronic	8.5	9	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00			
	Other-Lo Lim.	6.5	9	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	18	0	0.00	4	0	0.00	4	0	0.00	9	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	18	1	0.06	5	0	0.00	4	0	0.00	8	1	0.13	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0544

NPS Station ID: GUIS0544 LAT/LON: 30.309726/ -87.381948 Agency: 21FLBFA Date Created: 04/09/94
Location: BIG LAGOON 500FT OFFSHORE N JOHNSON BCHRDCULDESA
FIPS State/County: 12033 FLORIDA/ESCAMBIA
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 33020M32
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03140107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03140107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:
FREQUENTLY SAMPLED BY BREAM
FDEP PENSACOLA DONELAN

FISHERMEN ASSOCIATION CONTACT
904 444 8300

Parameter Inventory for Station: GUIS0544

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		04/06/94-10/26/98	19	3.	3.	5.	2.	0.667	0.792	2.	3.	3.	5.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		04/06/94-10/26/98	19	22.5	22.084	30.6	11.7	34.419	5.823	13.3	18.1	28.5	29.8
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)		04/06/94-10/26/98	19	24.4	23.521	33.	10.	40.566	6.214	14.	19.	27.	33.
00032 CLOUD COVER (PERCENT)		04/06/94-10/26/98	19	20.	45.789	100.	0.	2127.381	45.944	0.	0.	90.	100.
00035 WIND VELOCITY (MILES PER HOUR)		04/06/94-10/26/98	19	8.	8.632	18.	0.	30.312	5.536	0.	5.	15.	18.
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)		04/06/94-10/26/98	19	4.	4.737	20.	1.	19.713	4.345	2.	2.	5.	11.
00078p TRANSPARENCY, SECCHI DISC (METERS)		07/24/94-10/26/98	10	1.5	1.54	2.	0.8	0.141	0.371	0.85	1.3	1.85	2.
00080p COLOR (PLATINUM-COBALT UNITS)		04/06/94-10/26/98	19	20.	21.842	60.	5.	209.68	14.783	5.	10.	30.	50.
00090p OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)		04/06/94-10/26/98	17	338.	332.941	415.	126.	3732.263	61.68	280.4	324.	352.	397.4
00094p SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		04/06/94-10/26/98	19	33560.	31767.211	44900.	12540.	80426416.369	8801.833	14880.	23950.	38280.	43098.
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		04/06/94-10/26/98	12	26100.	25925.	37000.	10000.	68942253.617	8280.18	12550.	19050.	33725.	37000.
00299p OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	04/06/94-10/26/98	18	8.15	7.911	10.6	2.5	3.46	1.888	5.38	6.875	9.2	10.24
00300 OXYGEN, DISSOLVED	MG/L	04/23/95-04/23/95	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C	MG/L	04/06/94-10/26/98	19	0.7	0.889	2.4	0.25	0.384	0.637	0.25	0.5	1.2	1.9
00400p PH (STANDARD UNITS)		04/06/94-10/26/98	18	8.165	8.084	8.45	7.18	0.09	0.31	7.675	8.003	8.28	8.342
00400p CONVERTED PH (STANDARD UNITS)		04/06/94-10/26/98	18	8.192	7.959	8.482	7.156	0.111	0.337	7.663	7.999	8.283	8.339
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		04/06/94-10/26/98	18	0.008	0.012	0.07	0.004	0.	0.015	0.005	0.006	0.011	0.025
00403p PH, LAB, STANDARD UNITS	SU	04/23/95-10/26/98	9	8.1	8.022	8.2	7.4	0.067	0.257	7.4	7.95	8.2	8.2
00403p CONVERTED PH, LAB, STANDARD UNITS		04/23/95-10/26/98	9	8.077	7.942	8.22	7.394	0.076	0.27	7.394	7.926	8.22	8.22
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		04/23/95-10/26/98	9	0.009	0.013	0.042	0.007	0.	0.012	0.007	0.007	0.013	0.042
00480p SALINITY - PARTS PER THOUSAND		04/06/94-08/03/98	17	21.1	20.312	28.8	7.2	42.397	6.323	8.32	16.45	25.1	28.
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)		04/06/94-10/26/98	19	16.	18.263	56.	2.5	215.692	14.949	2.5	6.	23.	48.
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)		04/06/94-10/26/98	19##	0.01	0.02	0.094	0.005	0.001	0.023	0.005	0.005	0.024	0.06
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)		04/06/94-10/26/98	19	0.39	0.404	0.67	0.27	0.017	0.128	0.27	0.29	0.47	0.62
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)		04/06/94-10/26/98	19	0.004	0.012	0.04	0.002	0.	0.014	0.002	0.002	0.02	0.04
00665p PHOSPHORUS, TOTAL (MG/L AS P)		04/06/94-10/26/98	19	0.026	0.025	0.042	0.008	0.	0.01	0.009	0.019	0.032	0.042
00680 CARBON, TOTAL ORGANIC (MG/L AS C)		07/23/95-07/23/95	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
31501p COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C		04/06/94-10/26/98	18##	10.	67.5	800.	5.	40342.034	196.574	5.	5.	25.	260.
31501p LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,		04/06/94-10/26/98	18##	1.	1.194	2.985	0.693	0.397	0.645	0.693	0.693	1.384	2.432
31501p GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3				GEOMETRIC MEAN =	14.803								
31616p FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		04/06/94-10/26/98	18##	5.	6.944	10.	5.	6.776	2.648	5.	5.	10.	10.
31616p LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		04/06/94-10/26/98	18##	0.693	0.812	1.	0.693	0.026	0.164	0.693	0.693	1.	1.
31616p GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				GEOMETRIC MEAN =	6.251								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GUIS0544

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32210 CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/06/94-07/27/97	4##	2.5	5.	12.5	2.5	24.952	5.126	**	**	**	**
32211 CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/06/94-07/27/97	4##	2.5	4.65	11.1	2.5	19.649	4.339	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0544

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	19	0	0.00	5	0	0.00	4	0	0.00	9	0	0.00	1	0	0.00
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	18	1	0.06	5	0	0.00	4	0	0.00	8	1	0.13	1	0	0.00
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400 PH	Marine Chronic	8.5	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
00403 PH, LAB	Marine Chronic	8.5	9	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00			
	Other-Lo Lim.	6.5	9	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	18	0	0.00	4	0	0.00	4	0	0.00	9	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0548

NPS Station ID: GUIS0548 LAT/LON: 30.306948/ -87.394448 Agency: 21FLBFA Date Created: 04/09/94
Location: BIG LAGOON WEST END ICW MARKER 18
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 03140107 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 03140107 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:
FREQUENTLY SAMPLED BY BREAM
FDEP PENSACOLA DONELAN

FIPS State/County: 12033 FLORIDA/ESCAMBIA
STORET Station ID(s): 33020M29
Within Park Boundary: Yes

FISHERMEN ASSOCIATION CONTACT
904 444 8300

Parameter Inventory for Station: GUIS0548

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		04/06/94-10/26/98	19	6.	6.211	8.	5.	0.846	0.936	5.	5.	7.	7.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		04/06/94-10/26/98	19	22.5	22.2	30.4	11.5	32.408	5.685	13.5	20.1	28.4	29.5
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)		04/06/94-10/26/98	19	25.	22.821	35.	9.	59.668	7.78	10.	18.	28.	33.
00032 CLOUD COVER (PERCENT)		04/06/94-10/26/98	19	15.	47.368	100.	0.	2379.341	48.03	0.	0.	100.	100.
00035 WIND VELOCITY (MILES PER HOUR)		04/06/94-10/26/98	19	5.	8.105	25.	0.	51.022	7.313	0.	5.	15.	15.
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)		04/06/94-10/26/98	19	5.	6.321	28.	1.	39.162	6.128	1.	3.	6.	18.
00078p TRANSPARENCY, SECCHI DISC (METERS)		04/06/94-10/26/98	19	1.7	1.847	3.	0.9	0.353	0.573	1.	1.5	2.5	3.
00080p COLOR (PLATINUM-COBALT UNITS)		04/06/94-10/26/98	19	20.	23.684	50.	5.	208.463	14.749	10.	15.	30.	50.
00090p OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)		04/06/94-10/26/98	17	359.	352.824	428.	185.	2478.535	48.812	293.8	335.5	383.	406.4
00094p SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		04/06/94-10/26/98	18	36095.	33494.444	43500.	15370.	82575414.87	8894.024	15802.	27457.5	40899.5	43080.6
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		04/06/94-10/26/98	13	30000.	27200.	37000.	14000.	58359073.94	7750.156	16000.	19950.	34350.	36800.
00299p OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	04/06/94-10/26/98	18	7.5	7.439	10.5	3.1	3.215	1.834	5.35	6.45	8.425	10.32
00300 OXYGEN, DISSOLVED	MG/L	04/23/94-04/23/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00310p BOD, 5 DAY, 20 DEG C	MG/L	04/06/94-10/26/98	19##	0.25	0.497	1.6	0.25	0.18	0.439	0.25	0.25	0.7	1.3
00400p PH (STANDARD UNITS)		04/06/94-10/26/98	18	8.13	7.987	8.26	7.01	0.105	0.33	7.442	7.87	8.178	8.26
00400p CONVERTED PH (STANDARD UNITS)		04/06/94-10/26/98	18	8.1	7.79	8.267	7.021	0.151	0.382	7.421	7.878	8.202	8.267
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		04/06/94-10/26/98	18	0.008	0.017	0.102	0.006	0.	0.022	0.006	0.007	0.015	0.041
00403p PH, LAB, STANDARD UNITS	SU	04/23/94-10/26/98	9	8.2	8.	8.2	7.2	0.121	0.349	7.2	7.9	8.2	8.2
00403p CONVERTED PH, LAB, STANDARD UNITS		04/23/94-10/26/98	9	8.22	7.873	8.22	7.172	0.124	0.352	7.172	7.886	8.22	8.22
00403p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		04/23/94-10/26/98	9	0.007	0.016	0.067	0.007	0.	0.021	0.007	0.007	0.014	0.067
00480p SALINITY - PARTS PER THOUSAND		04/06/94-08/03/98	17	22.7	21.088	28.4	8.8	45.228	6.485	8.96	16.3	26.35	28.16
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)		04/06/94-10/26/98	19	21.	24.053	102.	2.5	440.244	21.311	2.5	13.	28.	42.
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)		04/06/94-10/26/98	19	0.013	0.034	0.21	0.005	0.002	0.048	0.005	0.005	0.037	0.11
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)		04/06/94-10/26/98	19	0.39	0.431	0.78	0.25	0.02	0.137	0.29	0.33	0.48	0.73
00630p NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)		04/06/94-10/26/98	19	0.009	0.015	0.04	0.002	0.	0.014	0.002	0.003	0.03	0.04
00665p PHOSPHORUS, TOTAL (MG/L AS P)		04/06/94-10/26/98	19	0.025	0.03	0.076	0.011	0.	0.017	0.012	0.017	0.04	0.069
00680 CARBON, TOTAL ORGANIC (MG/L AS C)		07/23/95-07/23/95	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
31501p COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,35C		04/06/94-10/26/98	18	20.	51.111	330.	5.	7229.334	86.128	5.	8.75	42.5	231.
31501p LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,		04/06/94-10/26/98	18	1.307	1.345	2.547	0.693	0.303	0.54	0.693	0.923	1.65	2.419
31501p GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3				GEOMETRIC MEAN =	20.786								
31616p FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		04/06/94-10/26/98	18##	10.	7.778	10.	5.	5.946	2.515	5.	5.	10.	10.
31616p LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C		04/06/94-10/26/98	18##	1.	0.863	1.	0.693	0.023	0.156	0.693	0.693	1.	1.
31616p GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C				GEOMETRIC MEAN =	7.016								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GUIS0548

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32210p CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/06/94-10/26/98	10##	2.5	4.03	7.	2.5	4.523	2.1	2.5	2.5	6.225	6.99
32211p CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/06/94-10/26/98	8##	2.5	3.038	5.	2.5	1.002	1.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0548

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	19	0	0.00	5	0	0.00	4	0	0.00	9	0	0.00	1	0	0.00
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	18	1	0.06	5	0	0.00	4	0	0.00	8	1	0.13	1	0	0.00
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400 PH	Marine Chronic	8.5	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00
00403 PH, LAB	Marine Chronic	8.5	9	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00			
	Other-Lo Lim.	6.5	9	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	18	0	0.00	4	0	0.00	4	0	0.00	9	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	18	0	0.00	5	0	0.00	4	0	0.00	8	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0598

NPS Station ID: GUIS0598 LAT/LON: 30.205559/ -88.432227 Agency: 11NPSWRD Date Created: 01/25/97
Location: PETIT BOIS ISLAND POND 8
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_085
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES PETIT BOIS MISSISSIPPI-ALABAMA CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT PETIT BOIS ISLAND POND 8 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0598

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/09/93-07/12/94	4	2.4	2.475	4.2	0.9	1.997	1.413	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	09/09/93-07/12/94	4	7.4	7.45	7.9	7.1	0.134	0.363	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		09/09/93-07/12/94	4	7.36	7.353	7.918	7.093	0.159	0.388	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/09/93-07/12/94	4	0.047	0.048	0.084	0.014	0.001	0.032	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		09/09/93-07/12/94	4##	0.5	0.5	1.	0.	0.333	0.56	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0598

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	3	0.75	1	0	0.00				2	2	1.00	1	1	1.00
00406 PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0599

NPS Station ID: GUIS0599 LAT/LON: 30.205837/ -88.478059 Agency: 11NPSWRD Date Created: 01/25/97
Location: PETIT BOIS ISLAND POND 7A FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_084
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES PETIT BOIS MISSISSIPPI-ALABAMA CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT PETIT BOIS ISLAND POND 7A AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0599

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/09/93-07/12/94	4	7.1	7.075	7.5	6.6	0.148	0.378	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	09/09/93-07/12/94	4	8.5	8.175	8.7	7.	0.584	0.752	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		09/09/93-07/12/94	4	8.521	7.598	8.68	7.014	1.071	1.028	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/09/93-07/12/94	4	0.004	0.029	0.105	0.002	0.002	0.049	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		09/09/93-07/12/94	4##	0.5	1.25	4.	0.	3.177	1.825	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0599

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0600

NPS Station ID: GUIS0600 LAT/LON: 30.209171/ -88.493615 Agency: 11NPSWRD Date Created: 01/25/97
Location: PETIT BOIS ISLAND POND 7
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_074
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES PETIT BOIS MISSISSIPPI-ALABAMA CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND 7 AS DESIGNATED BY THE REPORT. DATA ARE FROM FILE WATER-IM.DBF AND TROPHIC OBSERVATIONS." THE SITE IS AT PETIT BOIS ISLAND RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE FORT COLLINS COLORADO 80525. PH(970)225-3516. PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD

Parameter Inventory for Station: GUIS0600

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/09/93-09/09/93	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	09/09/93-09/09/93	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		09/09/93-09/09/93	1	8.521	8.521	8.521	8.521	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/09/93-09/09/93	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		09/09/93-09/09/93	1##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0600

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
	Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0602

NPS Station ID: GUIS0602 LAT/LON: 30.220003/ -88.568338 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 45 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_110
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 45 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0602

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/11/65-11/11/65	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0603

NPS Station ID: GUIS0603 LAT/LON: 30.221670/ -88.568338
Location: STATION 42 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND 80525. PH(970)225-3516.

Agency: 11NPSWRD Date Created: 01/25/97
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_107
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY STATION 42 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO

Parameter Inventory for Station: GUIS0603

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/11/65-11/11/65	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0604

NPS Station ID: GUIS0604 LAT/LON: 30.221670/ -88.570004 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 41 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_106
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 41 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0604

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/11/65-11/11/65	1	27.1	27.1	27.1	27.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0605

NPS Station ID: GUIS0605 LAT/LON: 30.220003/ -88.570004 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 44 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_109
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 44 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0605

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/11/65-11/11/65	1	27.	27.	27.	27.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0606

NPS Station ID: GUIS0606 LAT/LON: 30.220003/ -88.571670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 43 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_108
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 43 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0606

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/11/65-11/11/65	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0607

NPS Station ID: GUIS0607 LAT/LON: 30.221670/ -88.571670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 40 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_105
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 40 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0607

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/11/65-11/11/65	1	27.1	27.1	27.1	27.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0609

NPS Station ID: GUIS0609 LAT/LON: 30.221670/ -88.575005 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 39 AT AN HORN ISLAND NATURAL LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_104
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 39 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0609

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/11/65-11/11/65	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0610

NPS Station ID: GUIS0610 LAT/LON: 30.220003/ -88.576671 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND STATION P62/STATION 38
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASACAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_044
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MS-JACKSON CO. (TOPO.) QUAD. DATA FOR THIS SITE ORIGINATE FROM: "FISH IN INLAND WATERS: HORN ISLAND" (J.S FRANKS; GULF RESEARCH REPORTS V.3(1) 09-1970 BY GCRL IN OCEAN SPRINGS MS) AND "BRACKISH AND MARINE MACRO-INVERTEBRATES" (R.W. HEARD & K.C. STUCK; 06-07-1989). FROM 1970-1989 THE INLAND POND CHANGED SUCH THAT IT WAS IDENTIFIED AS AN ESTUARY. IT IS A POND THAT NOW RECEIVES OVERWASH AND IS FLOODED BY THE OCEAN. THE 1970 REPORT REFERS TO THE SITE AS STATION 38; THE 1989 REPORT REFERS TO THE SITE AS STATION P62. DATA ARE FROM WATER-IM.DBF IN FILE WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD AT GUIS FL DISTRICT PARK HEADQUARTERS. THE SITE IS WITHIN PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY K. OCONNOR OF NPS FORT COLLINS CO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0610

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/89-03/10/89	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	11/17/65-03/10/89	2	10.55	10.55	17.1	4.	93.211	9.98	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0611

NPS Station ID: GUIS0611 LAT/LON: 30.222781/ -88.580282 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 9 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_086
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT HORN ISLAND POND 9 AS DESIGNATED BY THE REPORT. DATA ARE FROM WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0611

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/10/93-08/24/94	4	6.4	7.05	11.8	3.6	13.137	3.699	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	09/10/93-08/24/94	4	7.8	8.075	9.6	7.1	1.25	1.092	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		09/10/93-08/24/94	4	7.766	7.583	9.584	7.093	1.453	1.246	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/10/93-08/24/94	4	0.018	0.03	0.084	0.	0.001	0.039	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		09/10/93-08/24/94	4	2.5	2.25	4.	0.	2.918	1.766	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0611

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	1	0.25												
00406	PH, FIELD	Fresh Chronic	9.	4	1	0.25				1	0	0.00	1	0	0.00	2	1	0.50
		Other-Lo Lim.	6.5	4	0	0.00				1	1	1.00	1	0	0.00	2	0	0.00
										1	0	0.00	1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0614

NPS Station ID: GUIS0614 LAT/LON: 30.220003/ -88.583338 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 37 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_135
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 37 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0614

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	08/29/66-08/29/66	1	11.	11.	11.	11.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0615

NPS Station ID: GUIS0615 LAT/LON: 30.221670/ -88.586670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 36 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_134
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 36 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0615

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	08/29/66-08/29/66	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0616

NPS Station ID: GUIS0616 LAT/LON: 30.223059/ -88.593893 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 10 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_087
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT HORN ISLAND POND 10 AS DESIGNATED BY THE REPORT. DATA ARE FROM WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0616

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/10/93-08/24/94	4	6.6	7.	9.4	5.4	3.065	1.8	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	09/10/93-08/24/94	4	8.3	8.275	8.7	7.8	0.148	0.378	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		09/10/93-08/24/94	4	8.29	8.184	8.68	7.775	0.157	0.387	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/10/93-08/24/94	4	0.006	0.008	0.017	0.002	0.	0.006	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		09/10/93-08/24/94	4	10.5	9.25	16.	0.	51.767	7.355	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0616

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0617

NPS Station ID: GUIS0617 LAT/LON: 30.223337/ -88.595003
Location: STATION 35 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND 80525. PH(970)225-3516.

Agency: 11NPSWRD Date Created: 01/25/97
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_133
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY STATION 35 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO

Parameter Inventory for Station: GUIS0617

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	08/26/66-08/26/66	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0620

NPS Station ID: GUIS0620 LAT/LON: 30.223337/ -88.596671 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND STATION P50
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_043
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY RICHARD W. HEARD AND KENNETH C. STUCK TITLED "BRACKISH AND MARINE MACROINVERTEBRATES" (06-07-1989). THE STUDY WAS SUBCONTRACTED TO THE GULF COAST RESEARCH LAB IN OCEAN SPRINGS MS BY THE NPS. THE SITE IS DESIGNATED AS STATION P50 BY THE REPORT. THE SITE IS AT AN HORN ISLAND ESTUARY. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0620

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/89-03/14/89	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	03/14/89-03/14/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0621

NPS Station ID: GUIS0621 LAT/LON: 30.223337/ -88.600004
Location: STATION 34 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND 80525. PH(970)225-3516.

Agency: 11NPSWRD Date Created: 01/25/97
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_132
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY STATION 34 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO

Parameter Inventory for Station: GUIS0621

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	08/26/66-08/26/66	1	19.	19.	19.	19.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0622

NPS Station ID: GUIS0622
Location: HORN ISLAND STATION P49
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009
Major Basin: SOUTHEAST
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009
RF3 Index: 03170009001519.01
Description:

LAT/LON: 30.225003/ -88.603338
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 19.00

Agency: 11NPSWRD
Date Created: 01/25/97
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_042
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
On/Off RF1:
Distance from RF3: 0.20
On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND EAST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY RICHARD W. HEARD AND KENNETH C. STUCK TITLED "BRACKISH AND MARINE MACROINVERTEBRATES" (06-07-1989). THE STUDY WAS SUBCONTRACTED TO THE GULF COAST RESEARCH LAB IN OCEAN SPRINGS MS BY THE NPS. THE SITE IS DESIGNATED AS STATION P49 BY THE REPORT. THE SITE IS AT AN HORN ISLAND INLAND BODY OF WATER. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0622

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/89-03/14/89	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	03/14/89-03/14/89	1##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0627

NPS Station ID: GUIS0627 LAT/LON: 30.228337/ -88.626670 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 43/STATION 33
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_065
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM 2 STUDIES: "INVERTEBRATES IN HORN ISLAND PONDS" BY D.C. BECKETT & B.J. VISCUPP (UNIVERSITY OF SOUTHERN MISSISSIPPI: 05-04-1990) AND "FISH IN INLAND WATERS: HORN ISLAND" BY J.S. FRANKS (GCRL REPORTS V.3(1) 09-1970 BY GULF COAST RESEARCH LAB IN OCEAN SPRINGS MS). THE 1ST REPORT REFERS TO THE SITE AS HORN ISLAND POND 43; THE 2ND REPORT REFERS TO THE SITE AS HORN ISLAND STATION 33. DATA ARE FROM FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY K.O. OF NPS-WRD FORT COLLINS CO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0627

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/28/89-04/17/90	16	1638.5	1638.5	3277.	0.	3141234.978	1826.614	0.	0.	3277.	3277.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/89-04/17/90	31	19.4	22.281	35.	15.	41.126	6.248	15.16	17.5	26.	33.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/89-04/17/90	8	8925.	7918.75	11500.	3350.	9718170.773	3070.444	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/28/89-04/17/90	8	8220.	8066.25	11820.	3930.	8998426.576	2978.166	**	**	**	**
00299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/89-04/17/90	16	9.1	9.131	12.	5.6	3.543	1.906	6.37	7.6	10.875	11.58
00406	PH, FIELD, STANDARD UNITS SU	07/28/89-04/17/90	8	7.97	7.925	8.67	7.32	0.175	0.404	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/28/89-04/17/90	8	7.973	7.758	8.656	7.331	0.193	0.451	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/89-04/17/90	8	0.012	0.018	0.051	0.002	0.	0.016	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	08/23/66-04/17/90	9	4.5	4.122	7.	0.6	4.884	2.165	0.6	2.15	6.15	7.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0627

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	8	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0629

NPS Station ID: GUIS0629 LAT/LON: 30.230003/ -88.628893 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 11
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_088
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT HORN ISLAND POND 11 AS DESIGNATED BY THE REPORT. DATA ARE FROM WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0629

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/17/93-08/23/94	4	6.25	6.625	9.4	4.6	3.705	1.94	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	09/17/93-08/23/94	4	8.1	8.125	8.4	7.9	0.049	0.227	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		09/17/93-08/23/94	4	8.068	8.065	8.378	7.918	0.045	0.22	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/17/93-08/23/94	4	0.009	0.009	0.014	0.004	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		09/17/93-08/23/94	4	7.	6.75	10.	3.	9.337	3.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0629

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0630

NPS Station ID: GUIS0630 LAT/LON: 30.228337/ -88.631671
Location: HORN ISLAND STATION P24/STATION 32
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

Agency: 11NPSWRD Date Created: 01/25/97
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_041
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MS-JACKSON CO. (TOPO.) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM TWO REPORTS: "FISH IN INLAND WATERS: HORN ISLAND" BY J.S. FRANKS (09-1970 V.3(1) IN GULF RESEARCH REPORTS OF GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS) AND "BRACKISH AND MARINE MACROINVERTEBRATES" BY R.W. HEARD AND K.C. STUCK (06-07-1989). THE 1970 REPORT REFERS TO THE SITE AS STATION 32; THE 1989 REPORT REFERS TO THE SITE AS HORN ISLAND STATION P24. THE SITE IS AT AN HORN ISLAND INLAND BODY OF WATER. DATA ARE FROM THE FILE WATER-IM.DBF IN FILE WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD AT GUIS FL DISTRICT PARK HEAD-QUATERS. SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39565. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0630

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/87-12/11/87	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	11/04/65-12/11/87	2	8.65	8.65	11.3	6.	12.49	3.626	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0631

NPS Station ID: GUIS0631 LAT/LON: 30.228337/ -88.633337 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 40 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_064
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY DAVID C. BECKETT AND BARBARA J. VISCUPP TITLED "INVERTEBRATES IN HORN ISLAND PONDS" (05-04-1990). THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POND 40 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0631

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		07/28/89-04/17/90	16	1638.5	1638.5	3277.	0.	3141234.978	1826.614	0.	0.	3277.	3277.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		07/28/89-04/17/90	31	19.3	21.245	34.	14.4	37.197	6.005	14.5	15.9	25.	30.9
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		07/28/89-04/17/90	8	2525.	2121.25	3400.	470.	1341711.245	1129.037	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		07/28/89-04/17/90	8	2640.	2107.75	2810.	562.	1001790.387	1005.602	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	07/28/89-04/17/90	16	7.15	7.306	9.3	4.9	1.55	1.279	5.6	6.275	8.575	9.09
00406 PH, FIELD, STANDARD UNITS	SU	07/28/89-04/17/90	8	7.255	7.278	7.78	6.78	0.105	0.33	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		07/28/89-04/17/90	8	7.27	7.154	7.759	6.776	0.123	0.351	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/28/89-04/17/90	8	0.061	0.07	0.172	0.018	0.003	0.05	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		07/28/89-04/17/90	8	1.1	0.962	1.9	0.1	0.377	0.632	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0631

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	8	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0632

NPS Station ID: GUIS0632 LAT/LON: 30.230003/ -88.633337 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND STATION P18
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_039
Within Park Boundary: Yes

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY RICHARD W. HEARD AND KENNETH C. STUCK TITLED "BRACKISH AND MARINE MACROINVERTEBRATES" (06-07-1989). THE STUDY WAS SUBCONTRACTED TO THE GULF COAST RESEARCH LAB IN OCEAN SPRINGS MS BY THE NPS. THE SITE IS DESIGNATED AS STATION P18 BY THE REPORT. THE SITE IS AT AN HORN ISLAND INLAND BODY OF WATER. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0632

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/87-10/24/87	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	10/24/87-10/24/87	1	2.	2.	2.	2.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0634

NPS Station ID: GUIS0634 LAT/LON: 30.230003/ -88.635004
Location: STATION 29 AT AN HORN ISLAND ESTUARY
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND 80525. PH(970)225-3516.

Agency: 11NPSWRD Date Created: 01/25/97
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_101
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY STATION 23 OF AN HORN ISLAND ESTUARY AS DESIGNATED BY THE REPORT. NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO

Parameter Inventory for Station: GUIS0634

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/02/65-11/02/65	1	22.7	22.7	22.7	22.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0635

NPS Station ID: GUIS0635 LAT/LON: 30.228337/ -88.635004 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND STATION P20/STATION 31 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_040
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MS-JACKSON CO. (TOPO.) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM TWO REPORTS: "FISH IN INLAND WATERS: HORN ISLAND" BY J.S. FRANKS (09-1970) V.3(1) IN GULF RESEARCH REPORTS OF GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS) AND "BRACKISH AND MARINE MACROINVERTEBRATES" BY R.W. HEARD AND K.C. STUCK (06-07-1989). THE 1970 REPORT REFERS TO THE SITE AS STATION 31; THE 1989 REPORT REFERS TO THE SITE AS HORN ISLAND STATION P20. THE SITE IS AT AN HORN ISLAND INLAND BODY OF WATER. DATA ARE FROM THE FILE WATER-IM.DBF IN FILE WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD AT GUIS FL DISTRICT PARK HEAD-QUATERS. SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39565. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0635

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/87-10/24/87	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	11/04/65-10/24/87	2	2.05	2.05	2.1	2.	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0636

NPS Station ID: GUIS0636 LAT/LON: 30.228337/ -88.636670 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 12/STATION 30 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_075
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MS-JACKSON CO. (TOPO.) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM TWO STUDIES: "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS" BY J.L. BOYD; R.W. HEARD; AND J.A. MCLELLAND (8-04-1995 GCRL REPORT 4) AND "FISH IN INLAND WATERS: HORN ISLAND" BY J.S. FRANKS (GCRL REPORTS V.3(1) 09-1970 BY GULF COAST RESEARCH LAB IN MS). THE 1ST REPORT REFERS TO THE SITE AS HORN ISLAND POND 12; THE 2ND REPORT REFERS TO THE SITE AS HORN ISLAND STATION 30. DATA ARE FROM FILE WATER-IM.DBF IN FILE WATER.ZIP CREATED BY NPS VOLUNTEER R. ROSE UNDER R. HOGGARD AT GUIS FL DISTRICT PARK HEADQUARTERS. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCE SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY K.O. OF NPS-WRD FORT COLLINS CO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0636

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/17/93-09/17/93	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	09/17/93-09/17/93	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		09/17/93-09/17/93	1	7.617	7.617	7.617	7.617	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/17/93-09/17/93	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		11/04/65-09/17/93	2	2.3	2.3	2.6	2.	0.167	0.396	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0636

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0639

NPS Station ID: GUIS0639 LAT/LON: 30.231670/ -88.646671
Location: STATION 28 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

Agency: 11NPSWRD Date Created: 01/25/97
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_123
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 28 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0639

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	07/11/66-07/11/66	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0640

NPS Station ID: GUIS0640 LAT/LON: 30.228337/ -88.658338 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POOL 10
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_059
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A REPORT BY STEPHEN T. ROSS AND TERESA A. DOHERTY TITLED "BARRIER ISLAND FISHES" (03-24-1993). THE REPORT WAS PUBLISHED IN VOL 38 OF A 1994 ISSUE OF ESTUARINE COASTAL AND SHELF SCIENCE. THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POOL 10 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0640

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		06/07/84-10/05/84	2	30.	30.	32.	28.	8.	2.828	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	06/07/84-10/05/84	2	9.75	9.75	10.8	8.7	2.161	1.458	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	06/07/84-10/05/84	2	7.2	7.2	7.9	6.5	0.851	0.938	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		06/07/84-10/05/84	2	6.783	6.783	7.918	6.49	1.304	1.111	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		06/07/84-10/05/84	2	0.169	0.169	0.324	0.014	0.044	0.202	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CACO3)		06/07/84-10/05/84	2	41.5	41.5	42.	41.	0.5	0.707	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		06/07/84-10/05/84	2	9.2	9.2	12.8	5.6	27.069	5.294	**	**	**	**
82078 TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU		06/07/84-06/07/84	1	34.4	34.4	34.4	34.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0640

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GUIS0640

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00406 PH, FIELD	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	2	1	0.50	1	0	0.00				1	1	1.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0642

NPS Station ID: GUIS0642 LAT/LON: 30.231670/ -88.660004 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND STATION 10 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_022
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY RICHARD W. HEARD AND KENNETH C. STUCK TITLED "BRACKISH AND MARINE MACROINVERTEBRATES" (06-07-1989). THE STUDY WAS SUBCONTRACTED TO THE GULF COAST RESEARCH LAB IN OCEAN SPRINGS MS BY THE NPS. THE SITE IS AT STATION 10 AS DESIGNATED BY THE THE REPORT OF AN HORN ISLAND INLAND BODY OF WATER. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0642

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		03/15/87-07/05/88	9	18.4	22.878	32.5	12.	53.069	7.427	12.	17.75	30.5	32.5
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/14/87-07/05/88	4	6.5	6.925	8.9	5.8	1.838	1.367	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		03/15/87-01/25/89	9	22.	20.967	26.	10.	23.706	5.024	10.	18.	25.	26.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0642

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0643

NPS Station ID: GUIS0643 LAT/LON: 30.228337/ -88.660004 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POOL 9 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_058
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A REPORT BY STEPHEN T. ROSS AND TERESA A. DOHERTY TITLED "BARRIER ISLAND FISHES" (03-24-1993). THE REPORT WAS PUBLISHED IN VOL 38 OF A 1994 ISSUE OF ESTUARINE COASTAL AND SHELF SCIENCE. THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POOL 9 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0643

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/07/84-06/07/84	1	3277.	3277.	3277.	3277.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/84-10/05/84	2	27.	27.	30.	24.	20.295	4.395	**	**	**	**
00299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	06/07/84-10/05/84	3	10.	9.867	10.2	9.4	0.17	0.399	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/07/84-10/05/84	2	7.775	7.775	8.55	7.	1.336	1.121	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/07/84-10/05/84	2	7.31	7.31	8.561	7.014	1.507	1.264	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/84-10/05/84	2	0.054	0.054	0.105	0.003	0.006	0.078	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/84-10/05/84	2	51.5	51.5	65.	38.	391.006	20.337	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/07/84-10/05/84	2	17.1	17.1	22.8	11.4	74.91	8.516	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	06/07/84-06/07/84	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0643

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0644

NPS Station ID: GUIS0644 LAT/LON: 30.228337/ -88.661670 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POOL 8
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_057
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A REPORT BY STEPHEN T. ROSS AND TERESA A. DOHERTY TITLED "BARRIER ISLAND FISHES" (03-24-1993). THE REPORT WAS PUBLISHED IN VOL 38 OF A 1994 ISSUE OF ESTUARINE COASTAL AND SHELF SCIENCE. THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POOL 8 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0644

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		06/07/84-06/07/84	1	3277.	3277.	3277.	3277.	0.	0.	**	**	**	**
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		06/07/84-10/06/84	2	24.75	24.75	25.5	24.	1.268	1.099	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	06/07/84-10/06/84	3	7.8	7.733	8.2	7.2	0.253	0.502	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	06/07/84-10/06/84	2	7.05	7.05	7.5	6.6	0.423	0.662	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		06/07/84-10/06/84	2	6.833	6.833	7.473	6.569	0.438	0.671	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		06/07/84-10/06/84	2	0.146	0.146	0.258	0.034	0.026	0.165	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CACO3)		06/07/84-10/06/84	2	35.5	35.5	42.	29.	92.089	9.933	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		06/07/84-10/06/84	2	16.2	16.2	21.1	11.3	44.15	6.424	**	**	**	**
82078 TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU		06/07/84-06/07/84	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0644

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0649

NPS Station ID: GUIS0649 LAT/LON: 30.230003/ -88.666671 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POOL 7
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_056
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A REPORT BY STEPHEN T. ROSS AND TERESA A. DOHERTY TITLED "BARRIER ISLAND FISHES" (03-24-1993). THE REPORT WAS PUBLISHED IN VOL 38 OF A 1994 ISSUE OF ESTUARINE COASTAL AND SHELF SCIENCE. THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POOL 7 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0649

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)		02/25/84-02/25/84	1	3277.	3277.	3277.	3277.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		02/25/84-02/25/84	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	02/25/84-02/25/84	2	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	02/25/84-02/25/84	1	6.15	6.15	6.15	6.15	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		02/25/84-02/25/84	1	6.149	6.149	6.149	6.149	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		02/25/84-02/25/84	1	0.713	0.713	0.713	0.713	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		02/25/84-02/25/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		02/25/84-02/25/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU		02/25/84-02/25/84	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0649

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00406 PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
	Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0656

NPS Station ID: GUIS0656 LAT/LON: 30.243338/ -88.671670 Agency: 11NPSWRD Date Created: 01/25/97
Location: INTERTIDAL ZONE AT RANGER LAGOON
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GUIS_WI_140
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A MASTERS THESIS TITLED "AN ANALYSIS OF MACROBENTHIC AND INVERTEBRATE ASSEMBLAGES IN RANGER LAGOON HORN ISLAND MISSISSIPPI" BY RICK M. SHERRARD (UNIVERSITY OF SOUTHERN MISSISSIPPI 08-1983). SITE IS AT THE INTERTIDAL ZONE OF HORN ISLAND POND 28 (ALSO CALLED RANGER LAGOON) AS DESIGNATED BY THE REPORT. THE POND RECEIVES OVERWASH FROM AND GETS FLOODED BY THE OCEAN. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT RESOURCE SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0656

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		02/01/81-11/01/81	4	19.	21.	30.	16.	38.651	6.097	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	02/01/81-11/01/81	4	8.6	8.25	9.1	6.7	1.36	1.129	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		02/01/81-11/01/81	4	23.	22.75	28.	17.	23.547	5.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0656

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0657

NPS Station ID: GUIS0657 LAT/LON: 30.231670/ -88.673338 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POOL 5
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_054
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A REPORT BY STEPHEN T. ROSS AND TERESA A. DOHERTY TITLED "BARRIER ISLAND FISHES" (03-24-1993). THE REPORT WAS PUBLISHED IN VOL 38 OF A 1994 ISSUE OF ESTUARINE COASTAL AND SHELF SCIENCE. THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POOL 5 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0657

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)		11/06/83-06/06/84	3	3277.	3277.	3277.	3277.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		11/06/83-10/05/84	4	24.75	23.5	28.5	16.	34.615	5.836	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	11/06/83-10/05/84	7	12.4	12.414	13.3	12.	0.214	0.47	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	11/06/83-10/05/84	4	7.525	7.5	7.65	7.3	0.022	0.155	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		11/06/83-10/05/84	4	7.493	7.458	7.656	7.315	0.026	0.164	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		11/06/83-10/05/84	4	0.032	0.035	0.053	0.024	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		11/06/83-10/05/84	4	60.5	58.25	70.	42.	152.955	12.142	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		11/06/83-10/05/84	4	4.8	4.875	8.9	1.	10.566	3.158	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU		11/06/83-06/06/84	3	7.6	10.867	20.7	4.3	73.586	8.456	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0657

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0658

NPS Station ID: GUIS0658 LAT/LON: 30.231670/ -88.675004 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 26 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_121
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 26 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0658

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	07/04/66-07/04/66	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0659

NPS Station ID: GUIS0659 LAT/LON: 30.240003/ -88.675004 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 22 AT AN HORN ISLAND LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_100
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 22 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0659

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/65-10/27/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	10/27/65-10/27/65	1	23.	23.	23.	23.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0660

NPS Station ID: GUIS0660 LAT/LON: 30.238337/ -88.675004 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 23 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): GUIS_WI_091
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI JACKSON CO. (TOPOGRAPHIC) QUAD. DATA FOR THIS SITE ORIGINATE FROM "FISH IN INLAND WATERS: HORN ISLAND" BY J.S. FRANKS (GCRL REPORTS V.3(1) 09-1970 BY GULF COAST RESEARCH LAB IN OCEAN SPRINGS MS). THE SITE IS AT STATION 23 OF AN HORN ISLAND ESTUARY AS DESIGNATED BY THE REPORT. DATA ARE FROM FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD AT THE GUIS FLORIDA DISTRICT PARK HEADQUARTERS. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0660

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/65-10/27/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	10/27/65-08/20/66	4	26.25	24.	27.	16.5	25.858	5.199	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0661

NPS Station ID: GUIS0661 LAT/LON: 30.231670/ -88.676670 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POOL 4 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_053
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A REPORT BY STEPHEN T. ROSS AND TERESA A. DOHERTY TITLED "BARRIER ISLAND FISHES" (03-24-1993). THE REPORT WAS PUBLISHED IN VOL 38 OF A 1994 ISSUE OF ESTUARINE COASTAL AND SHELF SCIENCE. THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POOL 4 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0661

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)		02/25/84-06/06/84	2	3277.	3277.	3277.	3277.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		02/25/84-10/06/84	3	25.5	22.167	27.	14.	49.857	7.247	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	02/25/84-10/06/84	5	9.2	9.6	10.7	8.2	1.095	1.037	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	02/25/84-10/06/84	3	7.4	7.267	7.9	6.5	0.519	0.718	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		02/25/84-10/06/84	3	7.394	6.947	7.918	6.49	0.69	0.803	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		02/25/84-10/06/84	3	0.042	0.127	0.324	0.014	0.031	0.177	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		02/25/84-10/06/84	3	47.	47.667	56.	40.	64.249	8.012	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		02/25/84-10/06/84	3	2.1	7.733	19.4	1.7	111.887	10.725	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU		02/25/84-06/06/84	2	7.95	7.95	14.6	1.3	95.47	10.074	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0661

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	3	1	0.33	1	0	0.00	1	0	0.00	1	1	1.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0662

NPS Station ID: GUIS0662 LAT/LON: 30.236671/ -88.676670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 25 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_120
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 25 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0662

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	06/24/66-06/24/66	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0663

NPS Station ID: GUIS0663 LAT/LON: 30.236671/ -88.678337 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 24 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_119
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 24 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0663

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	06/24/66-06/24/66	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0665

NPS Station ID: GUIS0665 LAT/LON: 30.241670/ -88.680005
Location: STATION 21 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND 80525. PH(970)225-3516.

Agency: 11NPSWRD Date Created: 01/25/97
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_126
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY STATION 21 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO

Parameter Inventory for Station: GUIS0665

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	07/26/66-07/26/66	1	14.3	14.3	14.3	14.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0666

NPS Station ID: GUIS0666 LAT/LON: 30.241670/ -88.683337 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 14/STATION 19/P24 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_077
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MS-JACKSON CO. (TOPO.) QUAD. DATA FOR THIS SITE ORIGINATE FROM: 1) "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS" BY J.L. BOYD; R.W. HEARD; & J.A. MCLELLAND (8-04-1995 GCRL REPORT 4); 2) "FISH IN INLAND WATERS: HORN ISLAND" BY J.S. FRANKS (GCRL REPORTS V.3(1) 09-1970 BY GULF COAST RESEARCH LAB IN MS); & 3) A 1986-1988 STUDY BY GCRL. THE SITE IS REFERRED TO AS: POND 14; STA 19; AND P24 BY 1); 2); & 3); RESPECTIVELY AS LISTED ABOVE. DATA FOR 1) & 2) ARE FROM WATER-IM.DBF; DATA FOR 3) ARE FROM PARKSUM.DBF. BOTH FILES ARE FROM WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD AT GUIS FL DISTRICT PARK HEADQUARTERS. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE IN-FORMATION CONTACT GARY HOPKINS - NAT. RESOURCES AT GUIS 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA PROCESSED & UPLOADED TO STORET BY K.O. OF NPS-WRD FORT COLLINS CO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0666

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/21/93-09/21/93	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	09/21/93-09/21/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		09/21/93-09/21/93	1	7.775	7.775	7.775	7.775	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/21/93-09/21/93	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		07/25/66-09/21/93	2	18.05	18.05	21.	15.1	19.767	4.35	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0666

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
	Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0667

NPS Station ID: GUIS0667 LAT/LON: 30.240003/ -88.686671 Agency: 11NPSWRD Date Created: 01/25/97
Location: GRASSBED ZONE AT RANGER LAGOON FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): GUIS_WI_141
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A MASTERS THESIS TITLED "AN ANALYSIS OF MACROBENTHIC AND INVERTEBRATE ASSEMBLAGES IN RANGER LAGOON HORN ISLAND MISSISSIPPI" BY RICK M. SHERRARD (UNIVERSITY OF SOUTHERN MISSISSIPPI 08-1983). THE SITE IS AT THE GRASSBED ZONE OF HORN ISLAND POND 28 (ALSO CALLED RANGER LAGOON) AS DESIGNATED BY THE REPORT. THE POND RECEIVES OVERWASH FROM AND GETS FLOODED BY THE OCEAN. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT RESOURCE SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0667

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		02/01/81-11/01/81	4	18.5	20.5	30.	15.	43.36	6.379	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	02/01/81-11/01/81	4	8.55	8.3	9.5	6.6	1.632	1.305	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		02/01/81-11/01/81	4	24.5	22.	27.	12.	43.65	6.396	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0667

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0668

NPS Station ID: GUIS0668 LAT/LON: 30.240003/ -88.686671 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 24
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_063
Within Park Boundary: Yes

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY DAVID C. BECKETT AND BARBARA J. VISCUPP TITLED "INVERTEBRATES IN HORN ISLAND PONDS" (05-04-1990). THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POND 24 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0668

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		07/28/89-04/17/90	16	1638.5	1638.5	3277.	0.	3141234.978	1826.614	0.	0.	3277.	3277.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		07/28/89-04/17/90	31	21.	23.374	36.	16.5	39.005	6.119	16.92	17.5	29.	34.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		07/28/89-04/17/90	8	21150.	21092.5	45000.	1410.	248650453.064	15893.329	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		11/25/89-04/17/90	4	8065.	8218.5	15110.	1634.	54918593.227	7566.072	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	07/28/89-04/17/90	16	7.3	7.575	9.	6.2	0.63	0.775	6.41	7.1	8.15	8.93
00406 PH, FIELD, STANDARD UNITS	SU	07/28/89-04/17/90	8	7.52	7.479	7.79	7.15	0.054	0.236	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		07/28/89-04/17/90	8	7.489	7.411	7.767	7.133	0.065	0.254	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/28/89-04/17/90	8	0.032	0.04	0.075	0.018	0.	0.022	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		07/28/89-04/17/90	8	11.55	12.413	25.9	0.9	86.995	9.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0668

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	8	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0669

NPS Station ID: GUIS0669 LAT/LON: 30.241670/ -88.688337 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 19
Station Type: /TYPA/AMBNT/LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
RMI-Indexes: STORET Station ID(s): GUIS_WI_061
RMI-Miles: Within Park Boundary: Yes
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY DAVID C. BECKETT AND BARBARA J. VISCUPP TITLED "INVERTEBRATES IN HORN ISLAND PONDS" (05-04-1990). THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POND 19 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0669

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		07/28/89-04/17/90	16	1638.5	1638.5	3277.	0.	3141234.978	1826.614	0.	0.	3277.	3277.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		07/28/89-04/17/90	31	22.	23.665	36.	16.5	43.21	6.37	16.5	17.	28.9	34.56
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		07/28/89-04/17/90	8	2450.	2810.	6000.	570.	4120847.504	2033.676	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		07/28/89-04/17/90	8	2470.	2780.75	5520.	789.	3094422.937	1815.885	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	07/28/89-04/17/90	16	8.55	8.775	10.5	7.2	0.994	0.998	7.41	7.9	9.7	10.22
00406 PH, FIELD, STANDARD UNITS	SU	07/28/89-04/17/90	8	8.195	8.16	9.06	7.19	0.436	0.67	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		07/28/89-04/17/90	8	8.211	7.776	9.028	7.164	0.533	0.725	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/28/89-04/17/90	8	0.007	0.017	0.068	0.001	0.001	0.023	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		07/28/89-04/17/90	8	1.35	1.45	3.2	0.1	1.355	1.128	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0669

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	8	1	0.13	4	0	0.00	1	0	0.00	2	1	0.50	1	0	0.00
	Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0670

NPS Station ID: GUIS0670 LAT/LON: 30.243338/ -88.688337 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 17 AT AN HORN ISLAND ESTUARY
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GUIS_WI_125
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 17 OF AN HORN ISLAND ESTUARY AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0670

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	07/23/66-07/23/66	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** *No EPA Water Quality Criteria exist to compare against the data at this station.* **********

Station Inventory for Station: GUIS0671

NPS Station ID: GUIS0671 LAT/LON: 30.242503/ -88.689170 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 17
Station Type: /TYPA/AMBNT/LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
RMI-Indexes: STORET Station ID(s): GUIS_WI_078
RMI-Miles: Within Park Boundary: Yes
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT HORN ISLAND POND 17 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN THE GUIS NPS FILE WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0671

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/21/93-09/21/93	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	09/21/93-09/21/93	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		09/21/93-09/21/93	1	8.378	8.378	8.378	8.378	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/21/93-09/21/93	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		09/21/93-09/21/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0671

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
	Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0672

NPS Station ID: GUIS0672 LAT/LON: 30.243338/ -88.689170 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 16
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_089
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT HORN ISLAND POND 16 AS DESIGNATED BY THE REPORT. DATA ARE FROM WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0672

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/21/93-08/23/94	4	5.8	6.775	10.2	5.3	5.646	2.292	**	**	**	**
00406 PH, FIELD, STANDARD UNITS	SU	09/21/93-08/23/94	4	8.2	8.225	8.4	8.1	0.021	0.141	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		09/21/93-08/23/94	4	8.211	8.225	8.378	8.077	0.023	0.155	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/21/93-08/23/94	4	0.007	0.007	0.009	0.004	0.	0.002	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		09/21/93-08/23/94	4	4.	3.5	5.	1.	2.911	1.764	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0672

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0674

NPS Station ID: GUIS0674 LAT/LON: 30.240003/ -88.690003 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 18 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_060
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY DAVID C. BECKETT AND BARBARA J. VISCUPP TITLED "INVERTEBRATES IN HORN ISLAND PONDS" (05-04-1990). THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POND 18 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0674

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		07/28/89-04/17/90	16	1638.5	1638.5	3277.	0.	3141234.978	1826.614	0.	0.	3277.	3277.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		07/28/89-04/17/90	32	22.4	23.919	34.5	15.5	42.463	6.327	16.06	17.375	29.75	33.99
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		07/28/89-04/17/90	8	1910.	1835.	2900.	690.	648067.009	787.544	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		07/28/89-04/17/90	8	1860.	1820.5	2620.	736.	508747.559	715.474	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	07/28/89-04/17/90	16	10.05	11.244	16.5	7.7	12.456	3.622	7.77	8.1	15.45	16.43
00406 PH, FIELD, STANDARD UNITS	SU	07/28/89-04/17/90	8	9.09	8.765	10.35	7.32	1.281	1.103	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		07/28/89-04/17/90	8	9.106	7.919	10.37	7.331	1.874	1.378	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		07/28/89-04/17/90	8	0.001	0.014	0.051	0.	0.	0.022	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		07/28/89-04/17/90	8	0.85	0.775	1.3	0.1	0.183	0.442	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0674

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	8	4	0.50	4	1	0.25	1	0	0.00	2	2	1.00	1	1	1.00
	Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0675

NPS Station ID: GUIS0675 LAT/LON: 30.241670/ -88.690003
Location: STATION 18 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND 80525. PH(970)225-3516.

Agency: 11NPSWRD Date Created: 01/25/97
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_118
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY STATION 18 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO

Parameter Inventory for Station: GUIS0675

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	06/15/66-08/15/66	3	8.1	9.467	13.3	7.	11.085	3.218	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0676

NPS Station ID: GUIS0676 LAT/LON: 30.238337/ -88.691670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 14 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_113
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 14 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0676

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/19/65-11/19/65	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0677

NPS Station ID: GUIS0677 LAT/LON: 30.241670/ -88.691670 Agency: 11NPSWRD Date Created: 01/25/97
Location: SAND ZONE AT AN RANGER LAGOON
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GUIS_WI_139
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A MASTERS THESIS TITLED "AN ANALYSIS OF MACROBENTHIC AND INVERTEBRATE ASSEMBLAGES IN RANGER LAGOON HORN ISLAND MISSISSIPPI" BY RICK M. SHERRARD (UNIVERSITY OF SOUTHERN MISSISSIPPI 08-1983). THE SITE IS AT THE SAND ZONE OF HORN ISLAND POND 28 (ALSO CALLED RANGER LAGOON) AS DESIGNATED BY THE REPORT. THE POND RECEIVES OVERWASH FROM AND GETS FLOODED BY THE OCEAN. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT RESOURCE SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0677

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		02/01/81-11/01/81	4	18.5	20.5	29.	16.	36.434	5.956	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	02/01/81-11/01/81	4	8.1	7.7	9.	5.6	2.057	1.43	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		02/01/81-11/01/81	4	23.	22.	27.	15.	28.57	5.408	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0677

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0678

NPS Station ID: GUIS0678 LAT/LON: 30.245004/ -88.691670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 15 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_131
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 15 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0678

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	07/29/66-07/29/66	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0679

NPS Station ID: GUIS0679 LAT/LON: 30.243338/ -88.691670 Agency: 11NPSWRD Date Created: 01/25/97
Location: OYSTER BED AT RANGER LAGOON FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): GUIS_WI_138
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A MASTERS THESIS TITLED "AN ANALYSIS OF MACROBENTHIC AND INVERTEBRATE ASSEMBLAGES IN RANGER LAGOON HORN ISLAND MISSISSIPPI" BY RICK M. SHERRARD (UNIVERSITY OF SOUTHERN MISSISSIPPI 08-1983). SITE IS AT THE OYSTER BED ZONE OF HORN ISLAND POND 28 (ALSO CALLED RANGER LAGOON) AS DESIGNATED BY THE REPORT. THE POND RECEIVES OVERWASH FROM AND GETS FLOODED BY THE OCEAN. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT RESOURCE SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0679

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		02/01/81-11/01/81	4	19.	21.	30.	16.	38.651	6.097	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	02/01/81-11/01/81	4	7.6	6.75	8.6	3.2	6.106	2.541	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		02/01/81-11/01/81	4	22.5	20.75	28.	10.	58.38	7.713	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0679

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	1	0.25	1	0	0.00	1	0	0.00	1	0	0.00	1	1	1.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0680

NPS Station ID: GUIS0680 LAT/LON: 30.236671/ -88.691670 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POND 20
Station Type: /TYPA/AMBNT/LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
RMI-Indexes: STORET Station ID(s): GUIS_WI_062
RMI-Miles: Within Park Boundary: Yes
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY DAVID C. BECKETT AND BARBARA J. VISCUPP TITLED "INVERTEBRATES IN HORN ISLAND PONDS" (05-04-1990). THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POND 20 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0680

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)		08/25/89-04/17/90	14	1638.5	1638.5	3277.	0.	3171439.161	1833.492	0.	0.	3277.	3277.
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		08/25/89-04/17/90	28	18.1	20.107	30.	14.	27.372	5.317	14.	15.875	24.75	29.5
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)		08/25/89-04/17/90	7	1150.	1205.714	1800.	610.	221017.534	478.486	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)		08/25/89-04/17/90	7	1150.	1268.714	1750.	758.	197051.221	457.314	**	**	**	**
00299 OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	08/25/89-04/17/90	14	8.7	7.814	9.7	2.8	3.992	1.998	3.95	6.7	9.425	9.65
00406 PH, FIELD, STANDARD UNITS	SU	08/25/89-04/17/90	7	7.57	7.424	8.	6.21	0.338	0.564	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS		08/25/89-04/17/90	7	7.593	6.98	7.997	6.196	0.599	0.76	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		08/25/89-04/17/90	7	0.029	0.115	0.623	0.011	0.05	0.23	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		08/25/89-04/17/90	7	0.4	0.5	0.8	0.2	0.079	0.274	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0680

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	14	1	0.07	8	0	0.00	2	0	0.00	2	0	0.00	2	1	0.50
00406 PH, FIELD	Fresh Chronic	9.	7	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	7	1	0.14	4	1	0.25	1	0	0.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0681

NPS Station ID: GUIS0681 LAT/LON: 30.245004/ -88.693338 Agency: 11NPSWRD Date Created: 01/25/97
Location: SILT ZONE AT RANGER LAGOON FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): GUIS_WI_137
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A MASTERS THESIS TITLED "AN ANALYSIS OF MACROBENTHIC AND INVERTEBRATE ASSEMBLAGES IN RANGER LAGOON HORN ISLAND MISSISSIPPI" BY RICK M. SHERRARD (UNIVERSITY OF SOUTHERN MISSISSIPPI 08-1983). SITE IS AT THE SILT ZONE OF HORN ISLAND POND 28 (ALSO CALLED RANGER LAGOON) AS DESIGNATED BY THE REPORT. THE POND RECEIVES OVERWASH FROM AND GETS FLOODED BY THE OCEAN. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT RESOURCE SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0681

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)		02/01/81-11/01/81	4	18.	20.25	30.	15.	45.815	7.01	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	02/01/81-11/01/81	4	6.35	6.25	8.5	3.8	4.282	2.055	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND		02/01/81-11/01/81	4	22.	22.	28.	16.	29.727	5.494	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0681

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	1	0.25	1	0	0.00	1	0	0.00	1	0	0.00	1	1	1.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0682

NPS Station ID: GUIS0682 LAT/LON: 30.245004/ -88.693338 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 16 AT AN HORN ISLAND NATURAL LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_094
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 16 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0682

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	10/12/65-10/12/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	10/12/65-06/15/66	2	22.4	22.4	24.8	20.	10.683	3.171	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0685

NPS Station ID: GUIS0685 LAT/LON: 30.240003/ -88.700005 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 13 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_112
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 13 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0685

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/19/65-11/19/65	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0686

NPS Station ID: GUIS0686 LAT/LON: 30.241670/ -88.705003 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 12 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_114
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 12 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0686

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	11/21/65-11/21/65	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0688

NPS Station ID: GUIS0688 LAT/LON: 30.246670/ -88.705003 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 11 AT AN HORN ISLAND NATURAL LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_122
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 11 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0688

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/66-07/06/66	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	07/06/66-07/06/66	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0690

NPS Station ID: GUIS0690 LAT/LON: 30.243338/ -88.708338 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POOL 3
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_052
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A REPORT BY STEPHEN T. ROSS AND TERESA A. DOHERTY TITLED "BARRIER ISLAND FISHES" (03-24-1993). THE REPORT WAS PUBLISHED IN VOL 38 OF A 1994 ISSUE OF ESTUARINE COASTAL AND SHELF SCIENCE. THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POOL 3 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0690

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)		11/06/83-06/05/84	5	3277.	1966.2	3277.	0.	3128618.783	1823.73	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		11/06/83-10/06/84	4	21.5	21.875	29.5	15.	49.438	7.223	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	11/06/83-10/06/84	7	2.2	3.486	7.	0.	10.084	3.1	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	11/06/83-10/06/84	4	5.975	5.9	6.2	5.45	0.103	0.327	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		11/06/83-10/06/84	4	5.946	5.811	6.188	5.466	0.109	0.335	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		11/06/83-10/06/84	4	1.06	1.554	3.459	0.637	1.689	1.323	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		11/06/83-10/06/84	4	22.	22.25	27.	18.	13.564	3.746	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		11/06/83-10/06/84	4	2.15	3.975	10.6	1.	22.628	4.933	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU		11/06/83-06/05/84	3	2.5	2.967	5.7	0.7	5.83	2.496	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0690

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5&	2	0.40	3	2	0.67				2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	4	4	1.00	2	2	1.00	1	1	1.00	1	1	1.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0691

NPS Station ID: GUIS0691 LAT/LON: 30.248337/ -88.708338 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND BIG LAGOON
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_003
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT HORN ISLAND BIG LAGOON. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY RICHARD W. HEARD TITLED "MACROINVERTEBRATE POPULATIONS" (03-31-1991). THE STUDY WAS PERFORMED AND FINANCED BY THE GULF COAST RESEARCH LAB IN OCEAN SPRINGS MS. DATA ARE FROM THE FILE WATER-IM.DBF IN FILE WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT RESOURCE SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0691

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		10/30/89-01/25/90	3	14.	15.5	22.	10.5	35.686	5.907	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	10/30/89-01/25/90	3	8.3	8.533	9.4	7.9	0.608	0.764	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	10/30/89-01/25/90	3	8.5	8.433	8.6	8.2	0.042	0.2	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		10/30/89-01/25/90	3	8.521	8.377	8.6	8.22	0.047	0.223	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		10/30/89-01/25/90	3	0.004	0.004	0.007	0.003	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		10/30/89-01/25/90	3	22.	24.667	32.	20.	41.24	6.255	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0691

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00	2	0	0.00	1	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	3	2	0.67	2	1	0.50	1	1	1.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0693

NPS Station ID: GUIS0693 LAT/LON: 30.250005/ -88.710004 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 10 AT AN HORN ISLAND ESTUARY
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GUIS_WI_093
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 10 OF AN HORN ISLAND ESTUARY AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0693

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	08/18/65-09/22/65	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	08/18/65-08/02/66	6	27.15	26.783	29.9	23.	7.665	2.781	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0694

NPS Station ID: GUIS0694 LAT/LON: 30.243338/ -88.711670 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POOL 2
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_051
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ARE FROM A REPORT BY STEPHEN T. ROSS AND TERESA A. DOHERTY TITLED "BARRIER ISLAND FISHES" (03-24-1993). THE REPORT WAS PUBLISHED IN VOL 38 OF A 1994 ISSUE OF ESTUARINE COASTAL AND SHELF SCIENCE. THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POOL 2 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0694

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)		11/05/83-06/05/84	5	3277.	1966.2	3277.	0.	3128618.783	1823.73	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		11/05/83-10/06/84	4	20.75	21.175	29.7	13.5	63.154	7.958	**	**	**	**
00299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE	MG/L	11/05/83-10/06/84	7	9.1	6.614	9.6	0.	21.415	4.489	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	11/05/83-10/06/84	4	7.525	7.325	7.75	6.5	0.363	0.623	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		11/05/83-10/06/84	4	7.467	7.019	7.736	6.49	0.456	0.681	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		11/05/83-10/06/84	4	0.035	0.103	0.324	0.019	0.022	0.154	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		11/05/83-10/06/84	4	34.	34.	41.	27.	34.516	5.829	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		11/05/83-10/06/84	4	8.3	8.95	15.7	3.5	35.373	5.886	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU		11/05/83-06/05/84	3	6.2	5.967	9.3	2.4	12.687	3.649	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0694

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5&	0	0.00	3	0	0.00				2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	4	1	0.25	2	0	0.00	1	0	0.00	1	1	1.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0696

NPS Station ID: GUIS0696 LAT/LON: 30.243338/ -88.715005 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND POOL 1 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_050
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ARE FROM A REPORT BY STEPHEN T. ROSS AND TERESA A. DOHERTY TITLED "BARRIER ISLAND FISHES" (03-24-1993). THE REPORT WAS PUBLISHED IN VOL 38 OF A 1994 ISSUE OF ESTUARINE COASTAL AND SHELF SCIENCE. THE STUDY WAS ASSOCIATED WITH THE UNIVERSITY OF SOUTHERN MISSISSIPPI. THE SITE IS AT HORN ISLAND POOL 1 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0696

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)		11/04/83-06/05/84	5	3277.	1966.2	3277.	0.	3128618.783	1823.73	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)		11/04/83-10/06/84	4	20.75	19.375	27.	9.	72.857	8.422	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	11/04/83-10/06/84	7	8.6	7.314	12.6	0.	26.966	5.286	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	11/04/83-10/06/84	4	7.675	7.65	8.1	7.15	0.175	0.404	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		11/04/83-10/06/84	4	7.649	7.481	8.077	7.133	0.203	0.461	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		11/04/83-10/06/84	4	0.025	0.033	0.075	0.009	0.001	0.029	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		11/04/83-10/06/84	4	32.	31.25	36.	25.	32.275	5.676	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		11/04/83-10/06/84	4	8.5	8.775	14.8	3.3	34.368	5.82	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU		11/04/83-06/05/84	3	10.5	8.6	13.	2.3	33.066	5.731	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0696

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5&	0	0.00	3	0	0.00				2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
82078 TURBIDITY, FIELD	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0703

NPS Station ID: GUIS0703 LAT/LON: 30.245004/ -88.730004 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 8 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_097
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 8 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0703

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	10/19/65-10/19/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	10/19/65-10/19/65	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0704

NPS Station ID: GUIS0704 LAT/LON: 30.240003/ -88.731670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 7 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 7 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_096
Within Park Boundary: Yes

Parameter Inventory for Station: GUIS0704

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION. VERTICAL (FEET)	10/19/65-10/19/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	10/19/65-10/19/65	1	24.8	24.8	24.8	24.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0707

NPS Station ID: GUIS0707 LAT/LON: 30.243338/ -88.733337 Agency: 11NPSWRD Date Created: 01/25/97
Location: HORN ISLAND STATION P2 FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_038
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM A REPORT BY RICHARD W. HEARD AND KENNETH C. STUCK TITLED "BRACKISH AND MARINE MACROINVERTEBRATES" (06-07-1989). THE STUDY WAS SUBCONTRACTED TO THE GULF COAST RESEARCH LAB IN OCEAN SPRINGS MS BY THE NPS. THE SITE IS DESIGNATED AS STATION P2 BY THE REPORT. THE SITE IS AT AN HORN ISLAND INLAND BODY OF WATER. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN THE PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0707

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/87-12/11/87	2	24.5	24.5	33.	16.	140.942	11.755	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	06/04/87-12/11/87	2	23.5	23.5	25.	22.	5.074	2.198	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0709

NPS Station ID: GUIS0709 LAT/LON: 30.245004/ -88.743338 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 6 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_124
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 6 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0709

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/66-07/21/66	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	07/21/66-07/21/66	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0711

NPS Station ID: GUIS0711 LAT/LON: 30.245004/ -88.745004 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 5 AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_095
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 5 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0711

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003 SAMPLING STATION LOCATION, VERTICAL (FEET)	10/19/65-10/19/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	10/19/65-10/19/65	1	29.	29.	29.	29.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0712

NPS Station ID: GUIS0712 LAT/LON: 30.240003/ -88.746670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 1D AT AN HORN ISLAND NATURAL LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_130
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 1D OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0712

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	07/27/66-07/27/66	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0713

NPS Station ID: GUIS0713 LAT/LON: 30.245004/ -88.748338 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 4 AT AN HORN ISLAND NATURAL LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_116
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 4 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0713

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/10/66-01/10/66	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	11/24/65-01/10/66	2	9.15	9.15	13.1	5.2	31.367	5.612	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0714

NPS Station ID: GUIS0714 LAT/LON: 30.240003/ -88.748338 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 1C AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_129
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES HORN ISLAND WEST MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 1C OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0714

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	07/27/66-07/27/66	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0716

NPS Station ID: GUIS0716 LAT/LON: 30.240003/ -88.750005 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 1B AT AN HORN ISLAND NATURAL LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 03170009 Depth of Water: 0
Major Basin: SOUTHEAST Elevation: 0
Minor Basin: PASCAGOULA RIVER
RF1 Index: 03170009 RF1 Mile Point: 0.000
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00
FIPS State/County: 28059 MISSISSIPPI/JACKSON
STORET Station ID(s): GUIS_WI_128
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00 On/Off RF1:
Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES DOG KEYS PASS MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 1B OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0716

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	07/27/66-07/27/66	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0717

NPS Station ID: GUIS0717 LAT/LON: 30.243338/ -88.751670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 3 AT AN HORN ISLAND ESTUARY FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): GUIS_WI_117
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES DOG KEYS PASS MISSISSIPPI (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 3 OF AN HORN ISLAND ESTUARY AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0717

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480 SALINITY - PARTS PER THOUSAND	12/22/65-12/22/65	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0718

NPS Station ID: GUIS0718 LAT/LON: 30.240003/ -88.751670 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 1A AT AN HORN ISLAND NATURAL LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_127
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES DOG KEYS PASS MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 1A OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0718

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/66-08/09/66	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	07/27/66-08/09/66	2	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0719

NPS Station ID: GUIS0719 LAT/LON: 30.241670/ -88.753337 Agency: 11NPSWRD Date Created: 01/25/97
Location: STATION 2 AT AN HORN ISLAND NATURAL LAKE
FIPS State/County: 28059 MISSISSIPPI/JACKSON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GUIS_WI_115
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES DOG KEYS PASS MISSISSIPPI (TOPOGRAPHIC) QUADRANGLE. DATA FOR THIS SITE ORIGINATE FROM A REPORT WRITTEN BY J.S. FRANKS TITLED "FISH IN INLAND WATERS: HORN ISLAND" (GULF RESEARCH REPORTS V.3(1) SEPTEMBER 1970 BY GULF COAST RESEARCH LABORATORY IN OCEAN SPRINGS MS). THE SITE IS AT STATION 2 OF AN HORN ISLAND INLAND BODY OF WATER AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN WATER.ZIP PREPARED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0719

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/66-06/17/66	1	31.5	31.5	31.5	31.5	0.	0.	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	11/24/65-06/17/66	3	5.6	6.567	9.1	5.	4.741	2.139	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GUIS0733

NPS Station ID: GUIS0733 LAT/LON: 30.398337/ -88.790005 Agency: 11NPSWRD Date Created: 01/25/97
Location: OCEAN SPRINGS POND 22
Station Type: /TYPA/AMBNT/LAKE FIPS State/County: 28059 MISSISSIPPI/JACKSON
RMI-Indexes: STORET Station ID(s): GUIS_WI_080
RMI-Miles: Within Park Boundary: Yes
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:

Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES OCEAN SPRINGS MISSISSIPPI-JACKSON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT OCEAN SPRINGS POND 22 AS DESIGNATED BY THE REPORT. DATA ARE FROM THE FILE WATER-IM.DBF IN THE GUIS FILE WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GUIS 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0733

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	03/28/94-03/28/94	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	03/28/94-03/28/94	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		03/28/94-03/28/94	1	6.188	6.188	6.188	6.188	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		03/28/94-03/28/94	1	0.637	0.637	0.637	0.637	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		03/28/94-03/28/94	1##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0733

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00				1	1	1.00						
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GUIS0768

NPS Station ID: GUIS0768 LAT/LON: 30.209171/ -88.965559 Agency: 11NPSWRD Date Created: 01/25/97
Location: SHIP ISLAND POND 20 FIPS State/County: 28047 MISSISSIPPI/HARRISON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GUIS_WI_090
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03170009 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: PASCAGOULA RIVER ECO Region:
RF1 Index: 03170009 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03170009001519.01 RF3 Mile Point: 19.00 Distance from RF3: 0.20 On/Off RF3:
Description:

THE SITE IS LOCATED ON THE 7.5 MINUTE SERIES SHIP ISLAND MISSISSIPPI-HARRISON CO. (TOPOGRAPHIC) QUADRANGLE. THE DATA FOR THIS SITE ORIGINATE FROM THE 08-04-1995 GULF COAST RESEARCH LAB REPORT 4 BY JAN L. BOYD; RICHARD W. HEARD; AND JERRY A. MCLELLAND TITLED "AN INVENTORY OF POND FAUNA OF THE GULF ISLANDS NATIONAL SEASHORE WITH PARASITOLOGICAL AND TROPHIC OBSERVATIONS." THE SITE IS AT SHIP ISLAND POND 20 AS DESIGNATED BY THE REPORT. DATA ARE FROM WATER-IM.DBF IN WATER.ZIP CREATED BY NPS VOLUNTEER RUFUS ROSE UNDER RILEY HOGGARD - RESOURCE MANAGEMENT AT GULF ISLANDS NATIONAL SEASHORE 1801 GULF BREEZE PARKWAY GULF BREEZE FL 32561. PH(904)934-2600. THE SITE IS WITHIN GUIS PARK BOUNDARIES. FOR MORE INFORMATION CONTACT GARY HOPKINS - MS DISTRICT NATURAL RESOURCES SPECIALIST AT GULF ISLANDS NATIONAL SEASHORE 3500 PARK ROAD OCEAN SPRINGS MS 39564. PH(601)875-9057. DATA WERE PROCESSED AND UPLOADED TO STORET BY KELLI OCONNOR OF NPS-WRD FORT COLLINS COLORADO 80525. PH(970)225-3516.

Parameter Inventory for Station: GUIS0768

Parameter			Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	09/07/93-06/29/94	4	3.3	4.825	10.5	2.2	16.19	4.019	**	**	**	**
00406	PH, FIELD, STANDARD UNITS	SU	09/07/93-06/29/94	4	7.6	7.775	8.6	7.3	0.34	0.565	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS		09/07/93-06/29/94	4	7.617	7.61	8.6	7.315	0.355	0.618	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH		09/07/93-06/29/94	4	0.027	0.028	0.053	0.003	0.	0.022	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND		09/07/93-06/29/94	4##	0.	0.25	1.	0.	0.274	0.518	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GUIS0768

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01- 1/14 Obs	10/01- 1/14 Exceed	10/01- 1/14 Prop.	1/15- 3/31 Obs	1/15- 3/31 Exceed	1/15- 3/31 Prop.	4/01- 7/31 Obs	4/01- 7/31 Exceed	4/01- 7/31 Prop.	8/01- 9/30 Obs	8/01- 9/30 Exceed	8/01- 9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	3	0.75	1	0	0.00				2	2	1.00	1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter