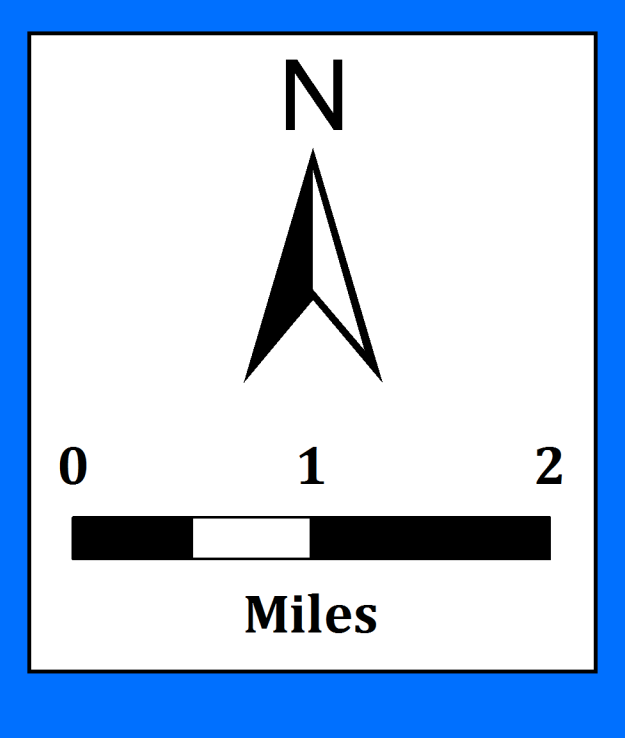
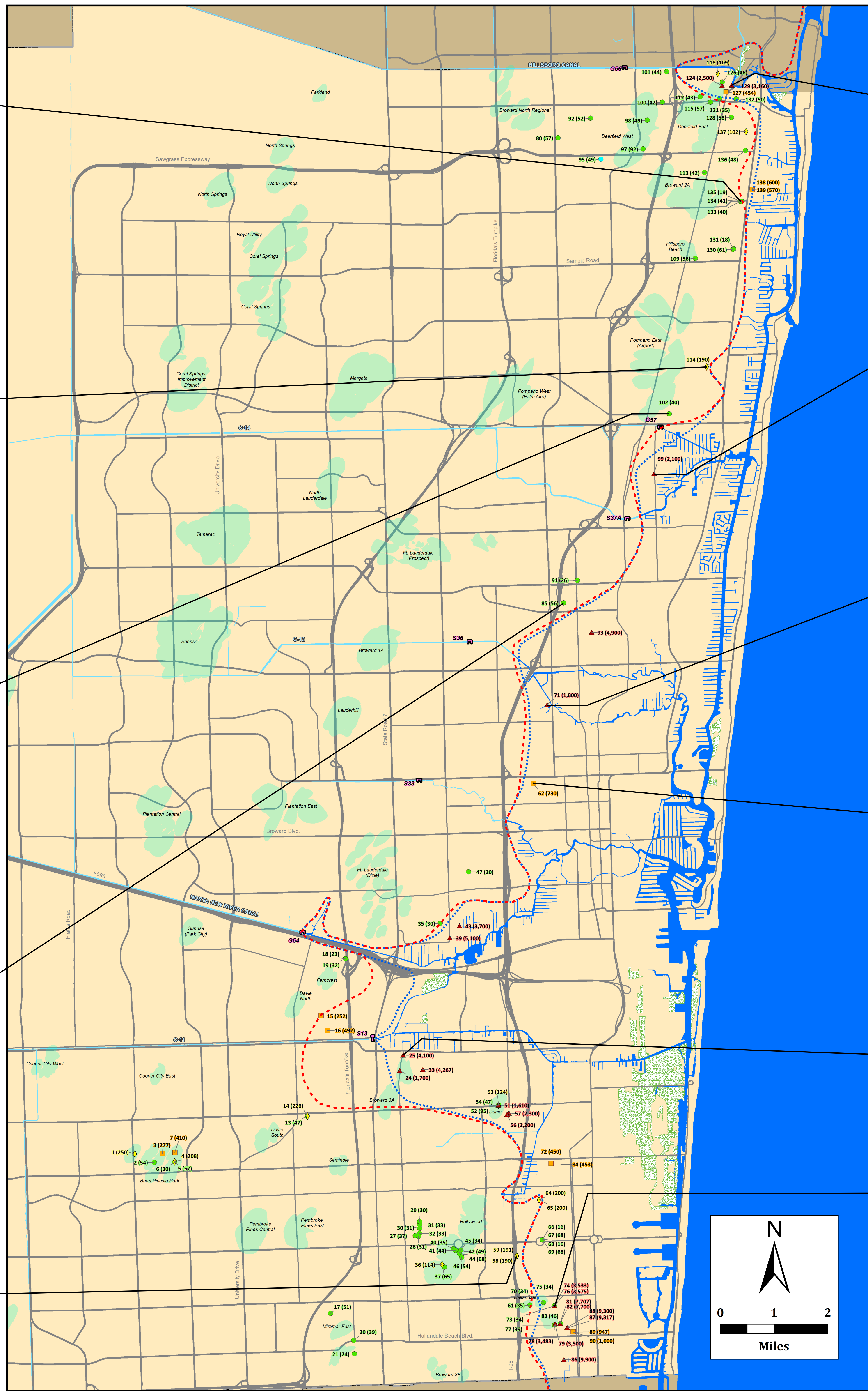
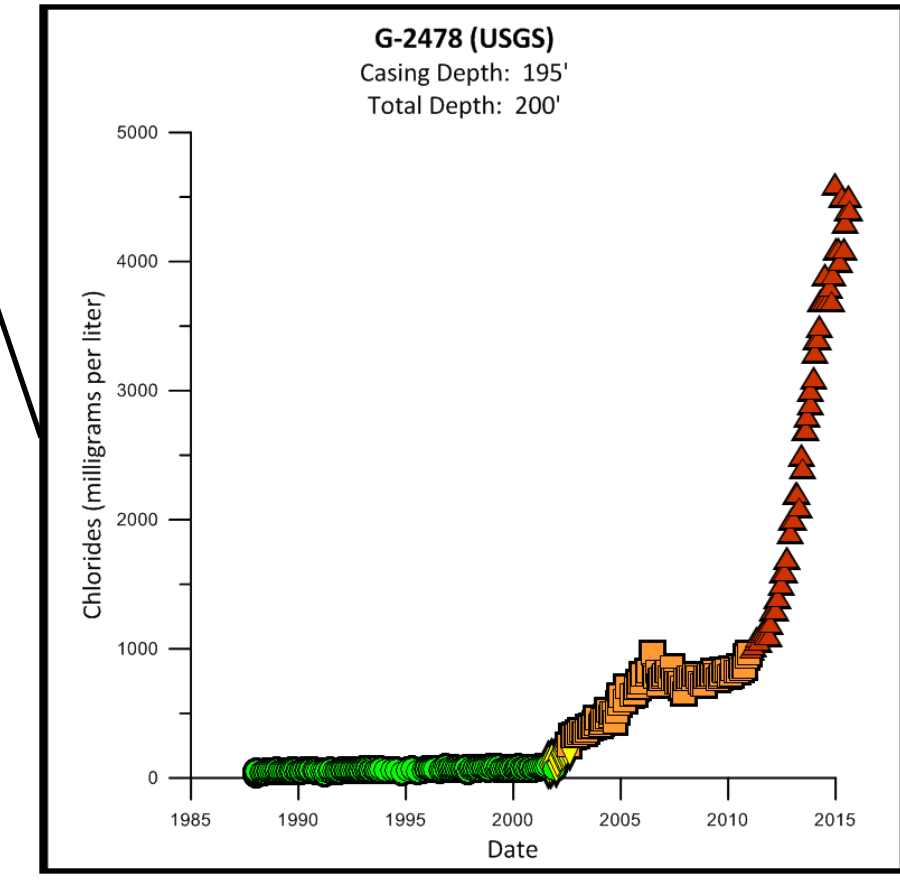
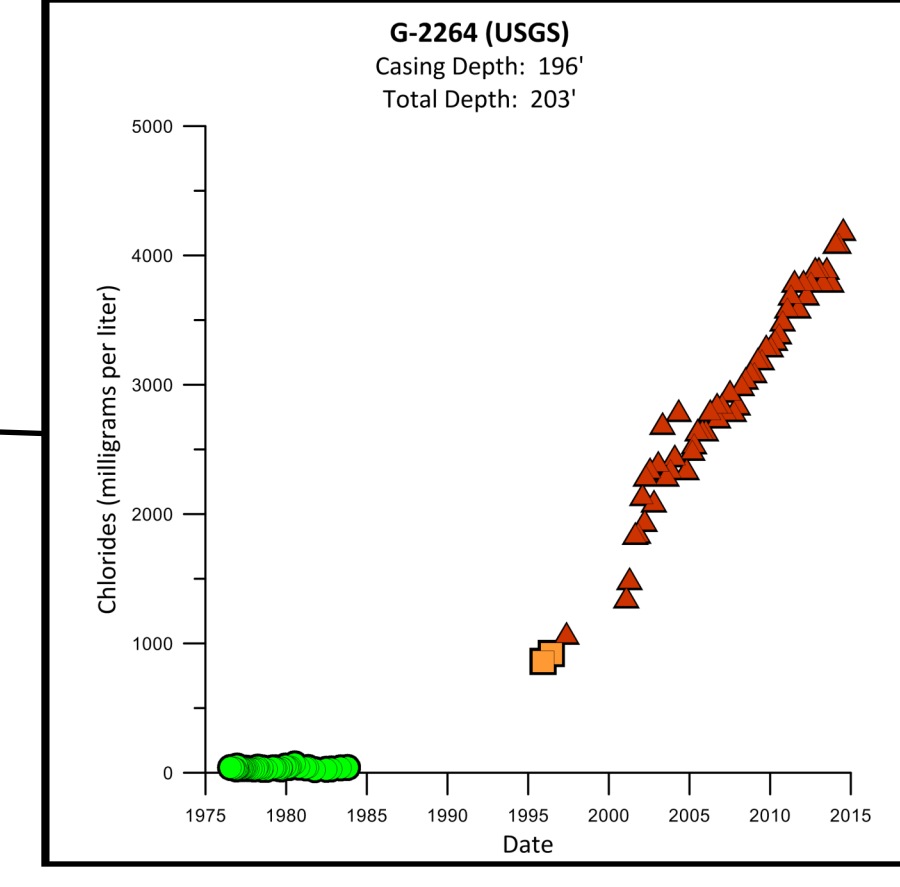
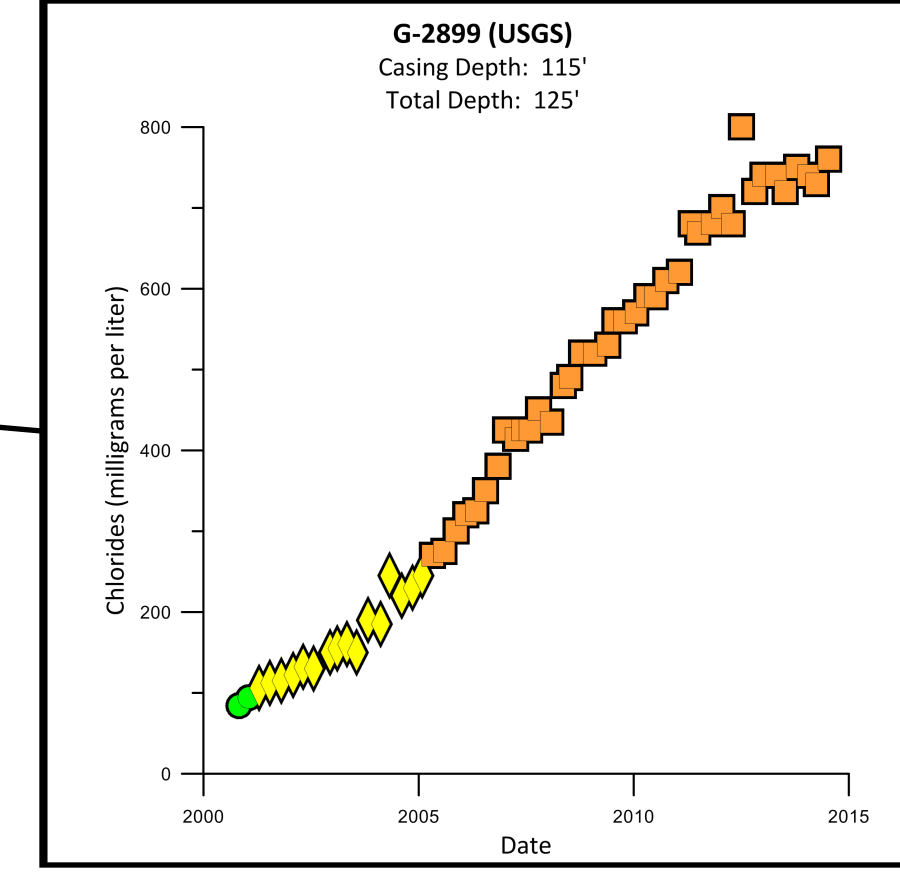
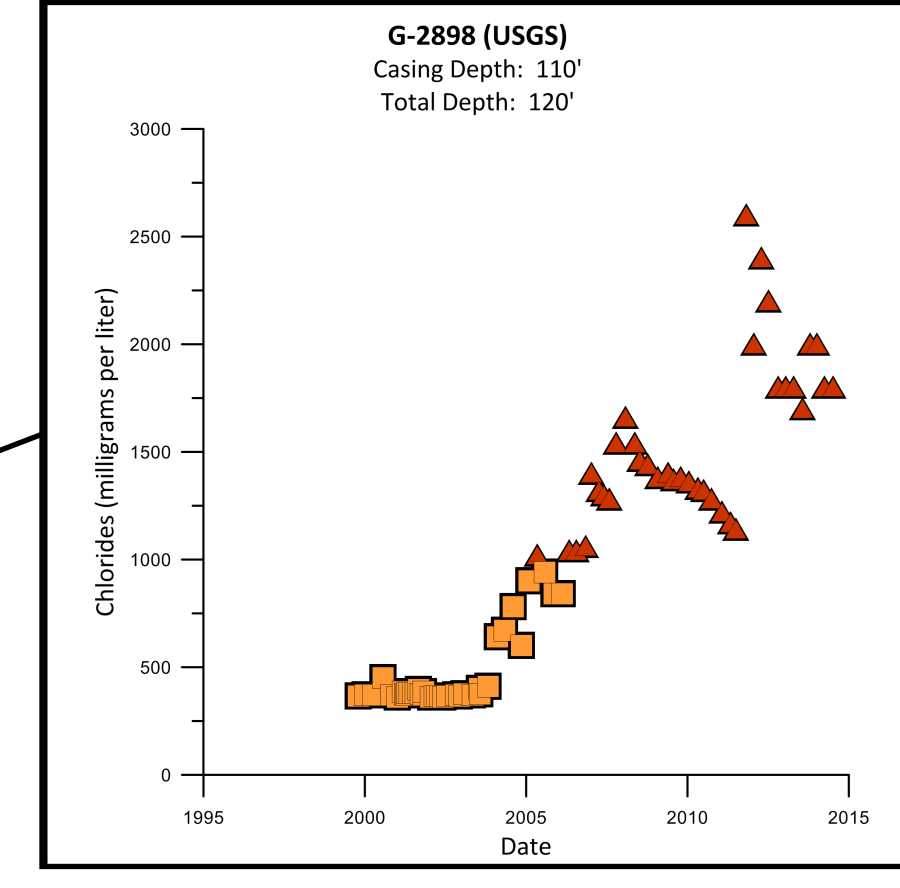
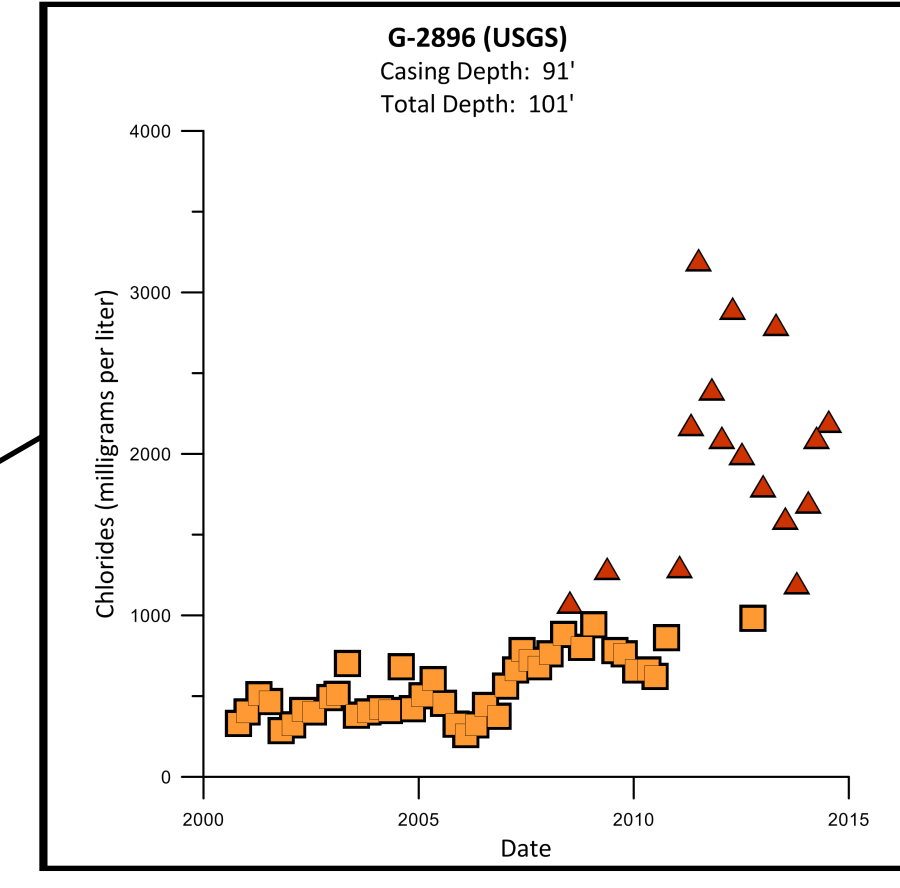
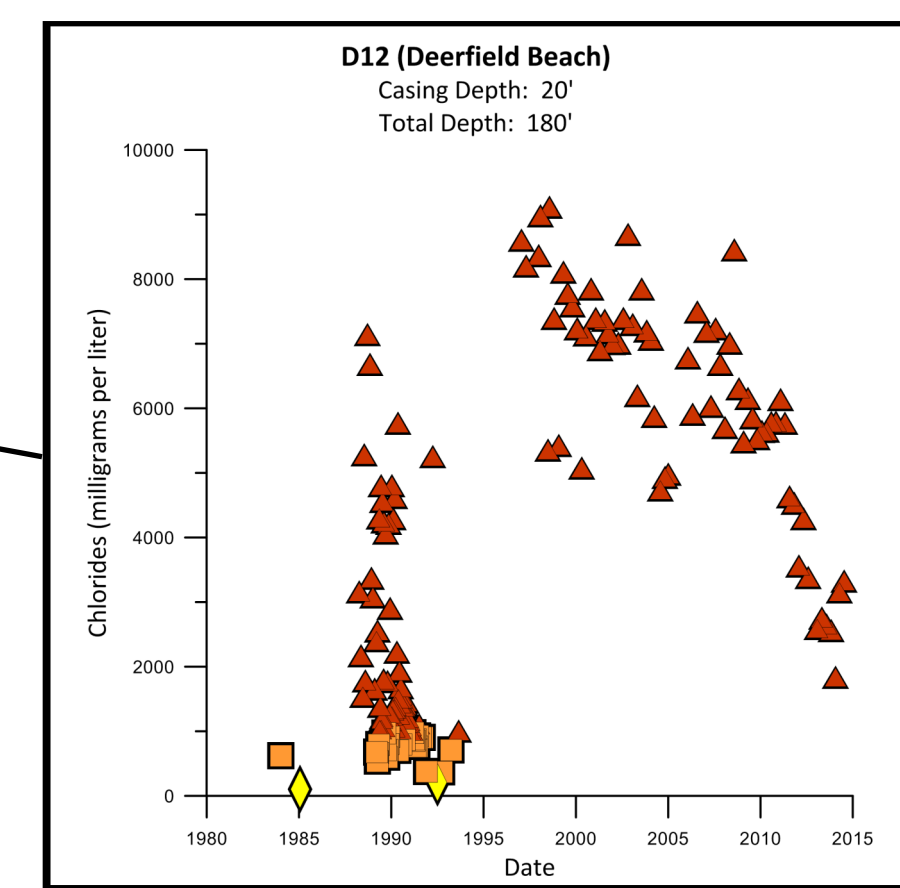
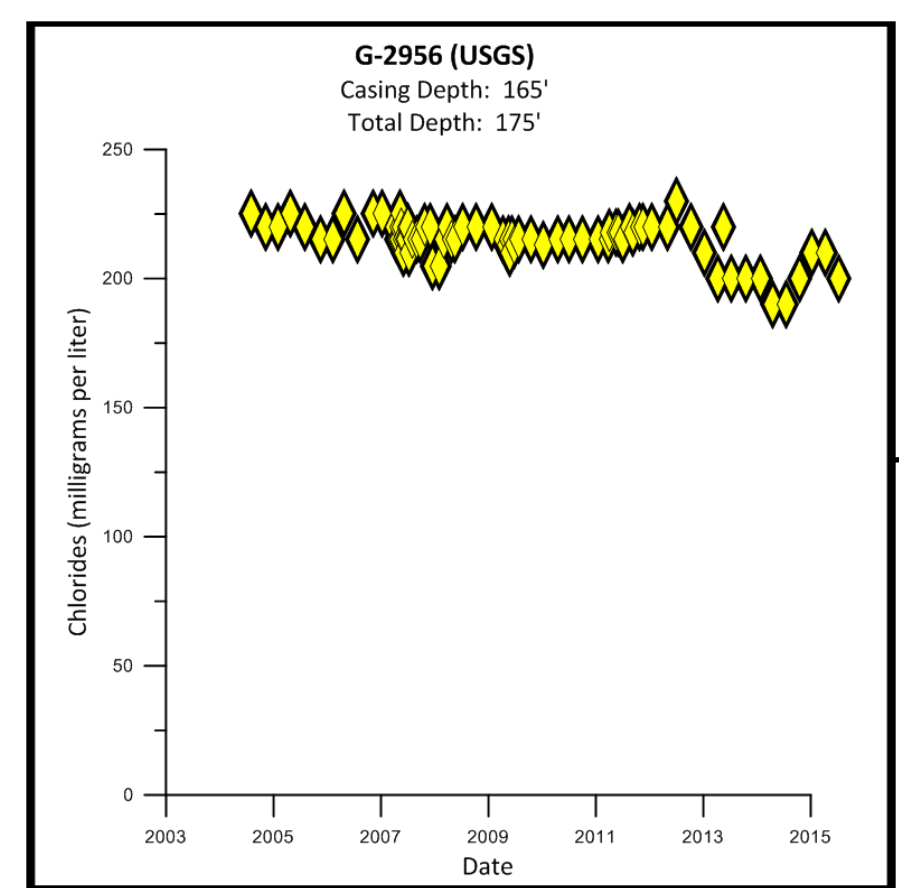
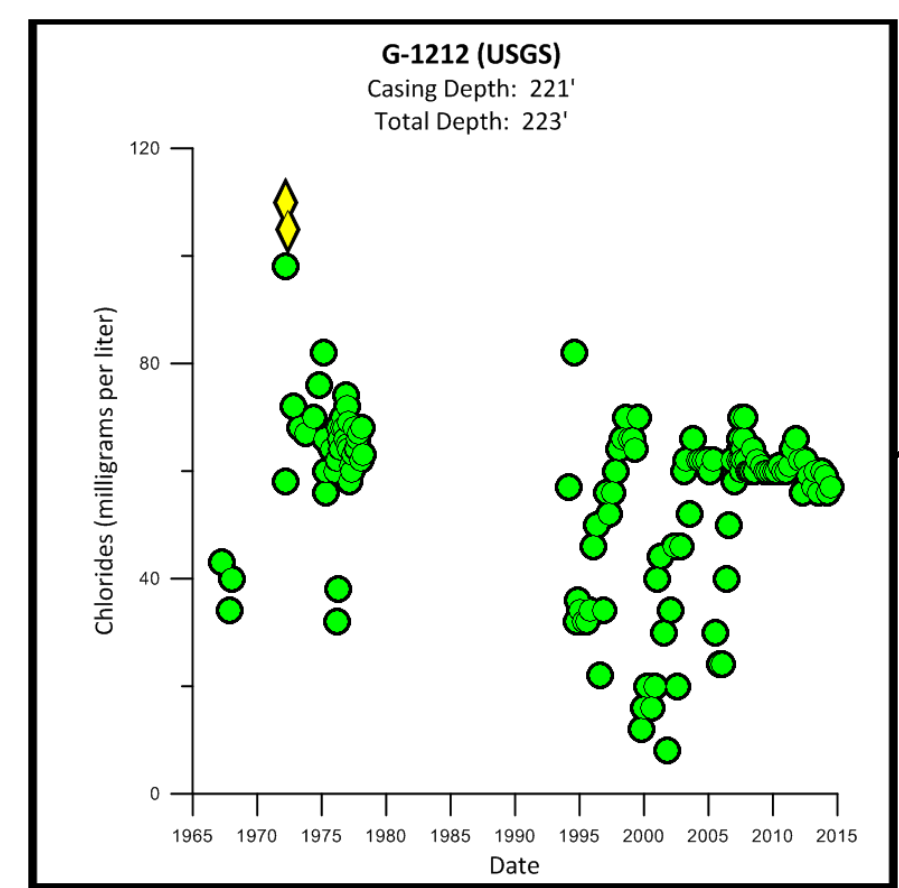
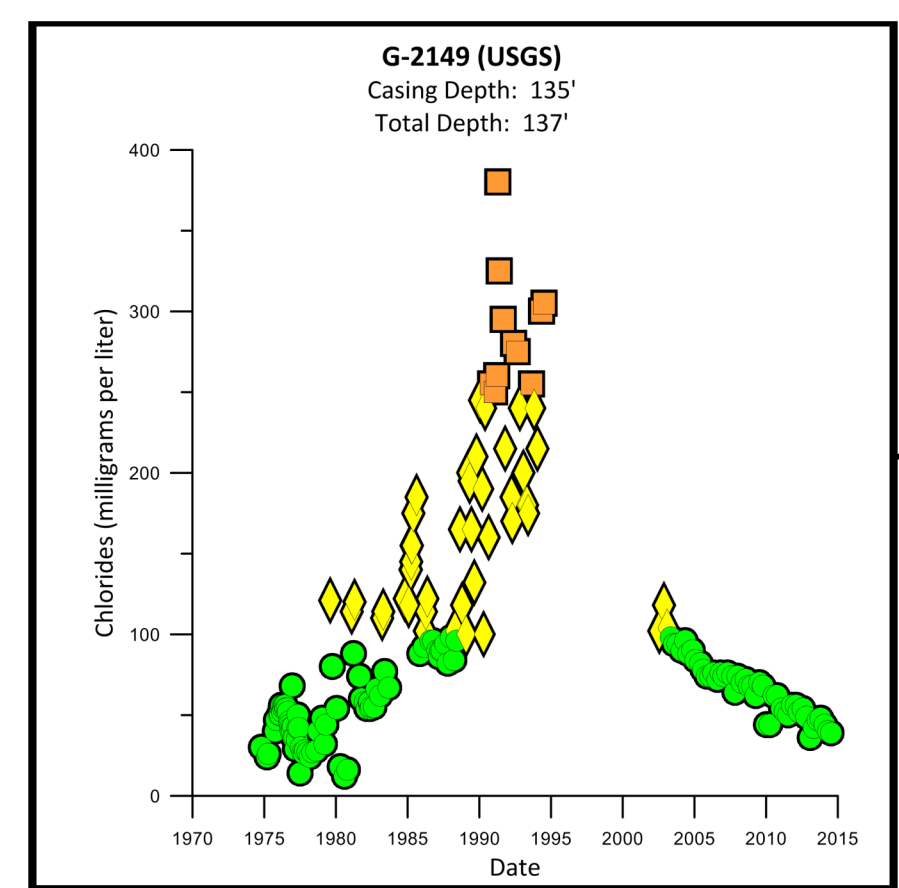
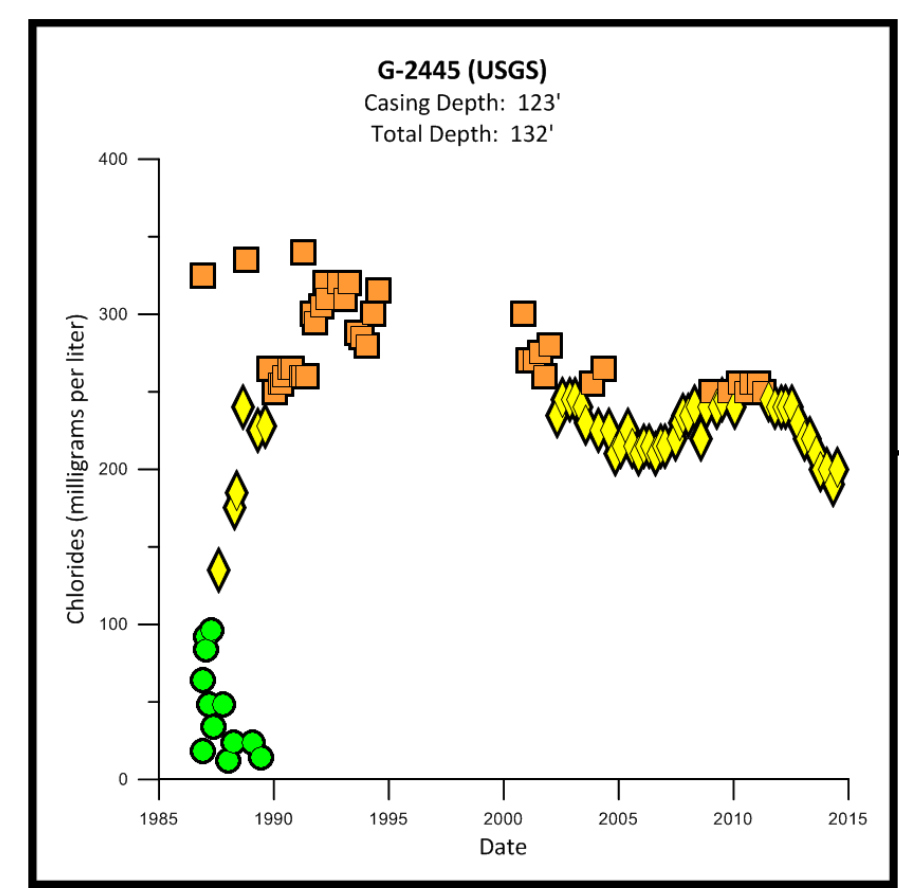
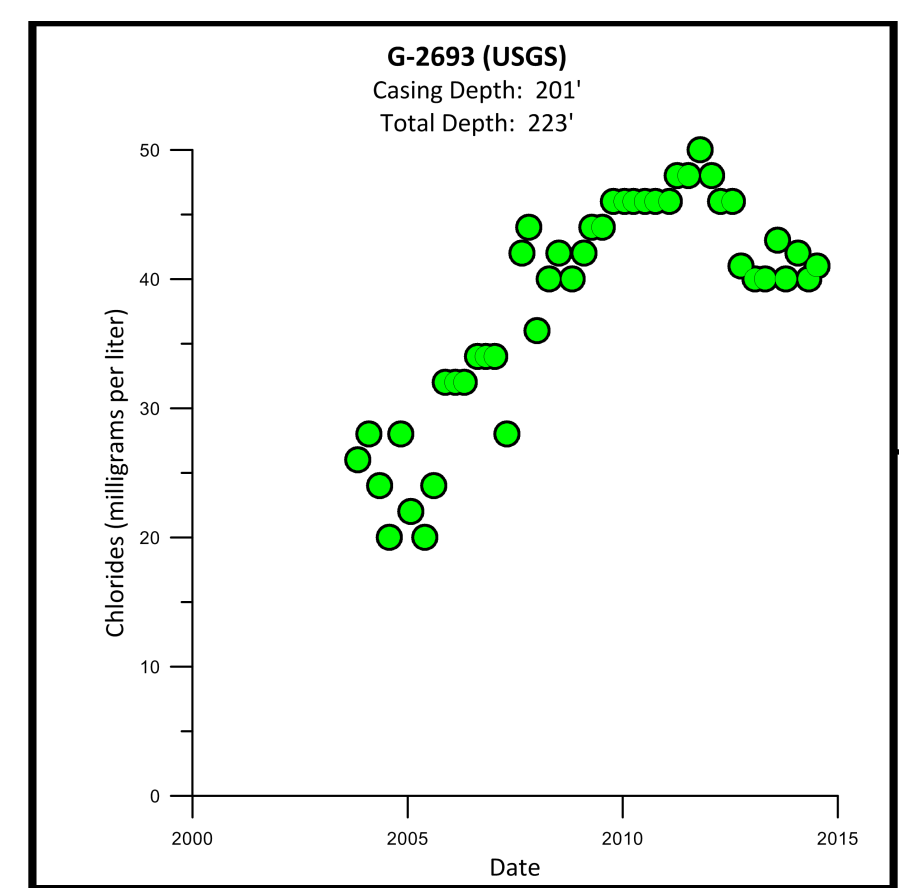


# Broward County

## Estimated Position of the Saltwater Interface

### Surficial Aquifer System

### March/April/May 2014



Map Number	SPWMD Facility ID	Broward County Project Name	Well Name	X	Y	Casing Depth (feet bbl)	Total Depth (feet bbl)	Average Chloride (mg/L)
1	148532	BROWARD COUNTY SOUTH REGIONAL WELLFIELD	G-2934	892521	619216	115	120	250
2	148534	BROWARD COUNTY SOUTH REGIONAL WELLFIELD	G-2932	894434	618883	110	115	54
3	148533	BROWARD COUNTY SOUTH REGIONAL WELLFIELD	G-2933	892532	619224	117	122	277
4	148535	BROWARD COUNTY SOUTH REGIONAL WELLFIELD	G-2931	895628	618841	121	130	208
5	163816	BROWARD COUNTY SOUTH REGIONAL WELLFIELD	G-2958	896449	618420	116	121	57
6	163817	BROWARD COUNTY SOUTH REGIONAL WELLFIELD	G-2959	896449	618420	76	81	30
7	136920	BROWARD COUNTY SOUTH REGIONAL WELLFIELD	G-2930	896469	619561	127	132	410
13	137075	TOWN OF DAVIE WATER PLANT SYS. I, II, AND V	MW-3 (Sterling West DW-3)	909446	622918	110	120	47
14	137074	TOWN OF DAVIE WATER PLANT SYS. I, II, AND V	MW-2 (Sterling East DW-2)	909472	622918	140	150	226
15	137073	TOWN OF DAVIE WATER PLANT SYS. I, II, AND V	MW-4 (Veterans Park DW-4)	910816	632765	165	175	252
16	137072	TOWN OF DAVIE WATER PLANT SYS. I, II, AND V	MW-5 (Sterling Park DW-5)	911455	631337	170	180	492
17	136623	CITY OF MIRAMAR PUBLIC WATER SUPPLY	MCMW5	911739	602369	30	120	51
18	136756	FERNCREST W.T.P.	MW6	913211	638356	72	82	23
19	136755	FERNCREST W.T.P.	MW5	913211	638393	10	20	32
20	136629	CITY OF MIRAMAR PUBLIC WATER SUPPLY	MCMW1	914018	609927	30	120	39
21	136630	CITY OF MIRAMAR PUBLIC WATER SUPPLY	MCMW2	914028	599598	30	120	24
24	USGS 26032608012001	USGS 26032608012001	G-2921	918540	627423	198	208	1700
25	USGS 26032608012002	USGS 26032608012002	G-2264	918886	628920	196	203	4100
27	28889	HOLLYWOOD WATER TREATMENT PLANT	41 Chaminaide	920362	611178	139	150	37
28	28890	HOLLYWOOD WATER TREATMENT PLANT	40 Chaminaide	920379	611211	125	145	31
29	28894	HOLLYWOOD WATER TREATMENT PLANT	36 Chaminaide	920505	612592	90	112	30
30	28896	HOLLYWOOD WATER TREATMENT PLANT	38 Chaminaide	920505	611924	128	150	31
31	28895	HOLLYWOOD WATER TREATMENT PLANT	37 Chaminaide	920505	612264	125	144	33
32	28907	HOLLYWOOD WATER TREATMENT PLANT	39 Chaminaide	920505	611404	135	155	33
33	USGS 26032608011301	USGS 26032608011301	G-2900	920810	627508	105	115	4267
35	USGS 26055108011901	USGS 26055108011901	G-2957	921508	641856	180	190	30
36	28888	HOLLYWOOD WATER TREATMENT PLANT	29 South	921687	608161	60	75	114
37	29907	HOLLYWOOD WATER TREATMENT PLANT	28 South	921937	608111	60	75	65
39	USGS 26053408011001	USGS 26053408011001	G-2904	923466	640418	116	126	5100

Map Number	SPWMD Facility ID	Broward County Project Name	Well Name	X	Y	Casing Depth (feet bbl)	Total Depth (feet bbl)	Average Chloride (mg/L)
40	29902	HOLLYWOOD WATER TREATMENT PLANT	32 South	923808	609899	55	80	35
41	29901	HOLLYWOOD WATER TREATMENT PLANT	31 South	924012	609763	60	80	44
42	29903	HOLLYWOOD WATER TREATMENT PLANT	35 South	924374	609559	69	90	49
43	USGS 26041608010801	USGS 26041608010801	G-2352	925209	624892	180	190	20
44	29904	HOLLYWOOD WATER TREATMENT PLANT	34 South	924441	609413	70	86	68
45	29900	HOLLYWOOD WATER TREATMENT PLANT	30 South	924555	609764	60	95	34
46	29917	HOLLYWOOD WATER TREATMENT PLANT	35 South	924634	609073	60	77	54
47	USGS 26040808010401	USGS 26040808010401	G-2902	925209	624892	180	190	20
51	136784	DANIA BEACH P.W.S.	DCMW-B	928240	624011	94	99	1,610
52	21917	DANIA BEACH P.W.S.	G	928254	623995	62	65	95
53	260022	DANIA BEACH P.W.S.	I	928254	623975	42	62	124
54	136783	DANIA BEACH P.W.S.	DCMWA	928256	624011	63	68	47
56	136785	DANIA BEACH P.W.S.	DEM	929087	623115	110	117	2,200
57	USGS 26024208010101	USGS 26024208010101	G-2697	929274	623219	117	117	2,300
58	USGS 26020808090901	USGS 26020808090901	G-2956	930908	609204	165	175	190
61	20883	HALLANDALE BEACH PUBLIC WATER SUPPLY	8	931317	620581	101	107	35
62	USGS 26080808090901	USGS 26080808090901	G-2899	931656	625576	115	125	730
64	USGS 26012008090901	USGS 26012008090901	G-2441	932120	614706	180	181	200
65	USGS 260404080909102	USGS 260404080909102	G-2426	932353	610773	89	91	16
67	USGS 260408080909101	USGS 260408080909101	G-2425	932353	610766	198	203	69
70	20882	HALLANDALE BEACH PUBLIC WATER SUPPLY	7	932668	604656	66	97	34
71	USGS 260920080909201	USGS 260920080909201	G-2888	933018	663289	110	120	1,800
72	USGS 2601080809092002	USGS 2601080809092002	G-2612	933410	618288	273	273	450
79	USGS 2599190809092001	USGS 2599190809092001	G-2865	933708	620803	75	80	34
80	119971	DEERFIELD BEACH PUBLIC WATER SUPPLY	D-4 (G2722)	933731	624304	195	200	3,575
82	USGS 2599190809092003	USGS 2599190809092003	G-2865	933731	624304	195	200	3,575
83	USGS 2599190809092002	USGS 2599190809092002	G-2409	934234	602563	83	84	46
85	USGS 261000080104001	USGS 261000080104001	G-1212	934629	613286	211	223	56
86	USGS 259442080909001	USGS 259442080909001	G-2903	934666	599031	146	156	9,900

Map Number	SPWMD Facility ID	Broward County Project Name	Well Name	X	Y	Casing Depth (feet bbl)	Total Depth (feet bbl)	Average Chloride (mg/L)
88	USGS 2599160809090401	USGS 2599160809090401	G-1435	934978	602180	196	204	9,300
90	USGS 25991008080802	USGS 25991008080802	G-2284	935570	601743	135	139	1,000
91	USGS 261122080808301	USGS 261122080808301	G-1232	935982	627496	203	205	26
92	115929	DEERFIELD BEACH PUBLIC WATER SUPPLY	D8 (G2726)	937269	721857	10	130	52
93	USGS 261030080808301	USGS 261030080808301	G-2897	937386	670420	126	136	4,900
95	115939	DEERFIELD BEACH PUBLIC WATER SUPPLY	D3 (G2721)	938292	718838	80	180	49
97	115972	DEERFIELD BEACH PUBLIC WATER SUPPLY	D5 (G2723)	942440	717846	60	180	92
98	115983	DEERFIELD BEACH PUBLIC WATER SUPPLY	D8 (G2738)	942547	721664	No Data	171	49
99	USGS 26104008072501	USGS 26104008072501	G-2896	943518	685976	91	101	2,100
100	115936	DEERFIELD BEACH PUBLIC WATER SUPPLY	D2-A (G2719)	944329	722439	100	150	42
101	115935	DEERFIELD BEACH PUBLIC WATER SUPPLY	D1 (G2718)	944746	723422	100	130	44
102	USGS 26146008062001	USGS 26146008062001	G-2149	945006	691849	125	137	40
109	136872	TOWN OF HILLSBORO BEACH WATER PLANT	HB&MPL (plant 110)	945753	707104	No Data	110	56
112	145548	DEERFIELD BEACH PUBLIC WATER SUPPLY	D10 (I2728)	948052	722957	20	180	43
113	115973	DEERFIELD BEACH PUBLIC WATER SUPPLY	D9 (G2727)	948468	735524	80	180	42
114	USGS 26146008062002	USGS 26146008062002	G-2149	948673	694544	123	132	190
115	115982	DEERFIELD BEACH PUBLIC WATER SUPPLY	D17 (G2737)	949053	722453	100	150	57
118	145498	DEERFIELD BEACH PUBLIC WATER SUPPLY	D4 (G2719)	949765	723218	20	180	109
121	115943	DEERFIELD BEACH PUBLIC WATER SUPPLY	D7 (G2725)	949993	722800	60	170	35
124	115955	DEERFIELD BEACH PUBLIC WATER SUPPLY	D1 (G2730)	950198	724065	190	200	2,500
126	115984	DEERFIELD BEACH PUBLIC WATER SUPPLY	CW1	950221	724407	150	160	46
127	115978	DEERFIELD BEACH PUBLIC WATER SUPPLY	D13 (G2731)	950594	723439	20	170	454
128	115980	DEERFIELD BEACH PUBLIC WATER SUPPLY	D15-A (G2735)	951110	724040	100	130	58
129	115976	DEERFIELD BEACH PUBLIC WATER SUPPLY	D12 (G2730)	951247	724120	20	180	3,160
130	136873	TOWN OF HILLSBORO BEACH WATER PLANT	HB&MPL (99th Street)	951523	707989	No Data	257	61
131	USGS 26164308005901	USGS 26164308005901	G-2752	951525	708033	248	254	18
132	115979	DEERFIELD BEACH PUBLIC WATER SUPPLY	D14-A (G2733)	951596	722753	100	130	50
133	USGS 26174208005401	USGS 26174208005401	G-2698	951999	723660	201	218	40
135	115984	BROWARD COUNTY 2A / NORTH REGIONAL PWS	G-2694	952135	712609	85	125	19
136	115942	DEERFIELD BEACH PUBLIC WATER SUPPLY	D6 (G2724)	952492	717676	60	180	48
137	115981	DEERFIELD BEACH PUBLIC WATER SUPPLY	D16 (G2736)	952549	719549	10	260	102
139	USGS 26174008005401	USGS 26174008005401	G-2899	953147	713874	166	177	570

**Structures**

- Lock
- Pump
- Spillway
- Weir

**Chlorides**

- ≤ 100 mg/L
- 101 - 250 mg/L
- 251 - 1,000 mg/L
- > 1,000 mg/L

**Wells**

- 433 (3900) Number (chloride)

**Wellfield Areas**

- Saline Water Bodies
- Freshwater Bodies
- Mangrove and Saltwater Marsh

**Roads**

- Estimated 250 mg/L isochlor, 2009 (updated)
- Estimated 250 mg/L isochlor, 2014

Well and chloride information was obtained from USGS and SFWMD records. Chloride values are given in milligrams per liter (mg/L). Map data represent the average of available chloride values for the period of March/April/May 2014. Graphs of selected wells represent the period of record for each well through May 2014. The dashed isochlor lines mark an approximation of the farthest inland extent of the saltwater interface as defined by the 250 mg/L chloride concentration in groundwater and/or the farthest inland extent of saline surface water. The dashed red line corresponds to 2014 data; and the dashed blue line corresponds to 2009 data (updated to reflect a better understanding of saline surface water).



Hydrogeology Unit

**DISCLAIMER:**

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