



HURRICANE  
**IKE**  
IN TEXAS  
& LOUISIANA

# E High Water Marks

*The following HWM data is taken from FEMA's Texas Hurricane Ike Rapid Response Coastal High Water Mark Collection (October 2008).*

# High Water Marks in Texas

**Summary of High Water Mark Survey Results**

HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
353-ITX-02-027	Brazoria	6.6	29.3030	-95.2668	Coastal - Stillwater Only
353-ITX-02-028	Brazoria	6.9	29.2479	-95.2363	Coastal - Stillwater Only
353-ITX-02-029	Brazoria	8.8	29.1966	-95.2989	Coastal - Stillwater Only
353-ITX-02-030	Brazoria	5.1	29.1127	-95.3745	Coastal - Stillwater Only
353-ITX-02-031	Brazoria	5.3	28.9490	-95.5553	Coastal - Stillwater Only
353-ITX-02-032	Brazoria	5.5	28.8778	-95.4558	Coastal - Stillwater Only
353-ITX-02-033	Brazoria	7.2	28.8981	-95.3807	Coastal - Stillwater Only
353-ITX-02-034	Brazoria	6.6	28.9506	-95.3384	Coastal - Stillwater Only
353-ITX-02-035	Brazoria	7.3	28.9395	-95.2972	Coastal - Stillwater Only
353-ITX-02-036	Brazoria	7.7	28.9429	-95.2999	Coastal - Stillwater Only
353-ITX-02-037	Brazoria	10.7	28.9538	-95.2820	Coastal - Stillwater Only
353-ITX-02-038	Brazoria	7.7	28.9620	-95.2908	Coastal - Stillwater Only
353-ITX-04-011	Brazoria	8.3	28.9301	-95.3130	Coastal - Stillwater Only
353-ITX-04-012	Brazoria	8.7	28.9301	-95.3128	Coastal - Wave Height
353-ITX-04-013	Brazoria	7.8	28.9354	-95.3038	Coastal - Stillwater Only
353-ITX-04-014	Brazoria	8.0	28.9484	-95.2924	Coastal - Stillwater Only
353-ITX-04-015	Brazoria	9.2	28.9626	-95.2734	Coastal - Stillwater Only
353-ITX-04-016	Brazoria	6.7	29.0136	-95.3308	Coastal - Stillwater Only
353-ITX-04-017	Brazoria	6.3	29.0955	-95.2839	Coastal - Stillwater Only
353-ITX-04-018	Brazoria	6.4	29.2098	-95.2105	Coastal - Stillwater Only
353-ITX-04-019	Brazoria	9.4	29.2845	-95.1294	Coastal - Stillwater Only
353-ITX-03-001	Chambers	14.8	29.8755	-94.8295	Coastal - Stillwater Only
353-ITX-03-002	Chambers	12.9	29.8476	-94.8044	Coastal - Wave Runup
353-ITX-03-003	Chambers	12.5	29.6793	-94.9254	Coastal - Wave Height
353-ITX-03-004	Chambers	12.9	29.6599	-94.9165	Coastal - Wave Height
353-ITX-03-005	Chambers	17.2	29.6945	-94.8654	Coastal - Wave Runup
353-ITX-03-006	Chambers	15.4	29.7486	-94.8252	Coastal - Wave Height
353-ITX-03-007	Chambers	13.8	29.8379	-94.7588	Coastal - Wave Runup
353-ITX-03-008	Chambers	15.7	29.7729	-94.6856	Coastal - Wave Runup
353-ITX-03-009	Chambers	13.5	29.6584	-94.6895	Coastal - Stillwater Only
353-ITX-03-010	Chambers	16.6	29.7282	-94.6902	Coastal - Stillwater Only
353-ITX-03-011	Chambers	11.6	29.6816	-94.6412	Coastal - Stillwater Only
353-ITX-03-012	Chambers	15.4	29.6635	-94.6241	Coastal - Stillwater Only
353-ITX-03-013	Chambers	10.5	29.5380	-94.7614	Coastal - Stillwater Only
353-ITX-03-014	Chambers	12.4	29.5260	-94.7581	Coastal - Wave Height
353-ITX-03-015	Chambers	15.3	29.6320	-94.7023	Coastal - Stillwater Only
353-ITX-03-016	Chambers	14.5	29.6135	-94.5332	Coastal - Stillwater Only
353-ITX-03-019	Chambers	16.9	29.7149	-94.3755	Coastal - Stillwater Only
353-ITX-03-020	Chambers	17.5	29.7040	-94.4837	Coastal - Stillwater Only
353-ITX-02-001	Galveston	10.3	29.0957	-95.1097	Coastal - Stillwater Only
353-ITX-02-002	Galveston	7.9	29.1299	-95.0585	Coastal - Stillwater Only
353-ITX-02-003	Galveston	10.3	29.1476	-95.0300	Coastal - Wave Runup
353-ITX-02-004	Galveston	10.8	29.1894	-94.9777	Coastal - Stillwater Only

**E HIGH WATER MARKS**

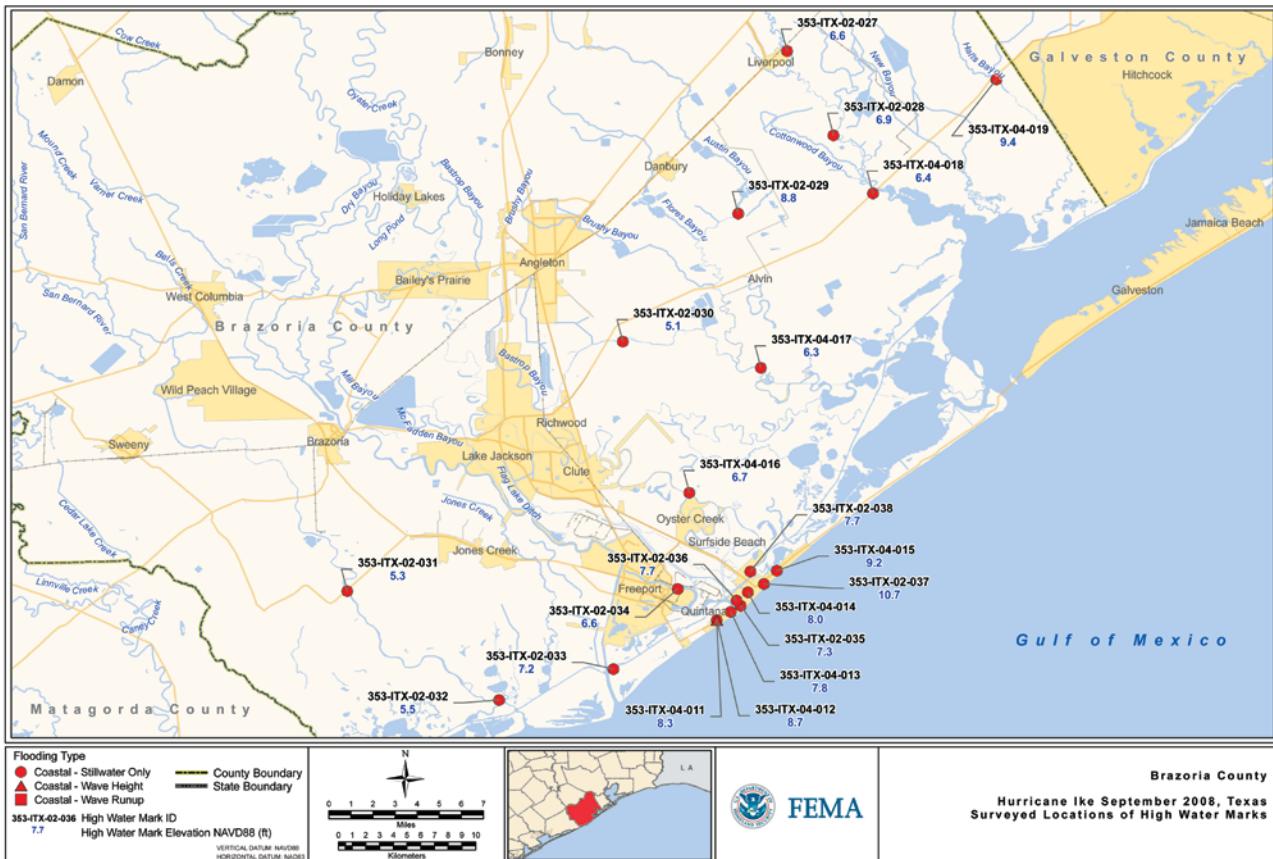
Summary of High Water Mark Survey Results					
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
353-ITX-02-005	Galveston	10.5	29.2445	-94.8743	Coastal - Stillwater Only
353-ITX-02-006	Galveston	14.2	29.4726	-94.5955	Coastal - Wave Height
353-ITX-02-007	Galveston	15.8	29.4615	-94.6302	Coastal - Wave Runup
353-ITX-02-008	Galveston	14.8	29.4273	-94.6911	Coastal - Wave Height
353-ITX-02-009	Galveston	10.6	29.3651	-94.7758	Coastal - Wave Height
353-ITX-02-010	Galveston	15.6	29.3243	-94.7414	Coastal - Wave Height
353-ITX-02-011	Galveston	12.0	29.3073	-94.7941	Coastal - Stillwater Only
353-ITX-02-012	Galveston	13.2	29.3370	-94.7774	Coastal - Wave Height
353-ITX-02-013	Galveston	12.4	29.2755	-94.8504	Coastal - Wave Runup
353-ITX-02-014	Galveston	11.9	29.2952	-94.9168	Coastal - Stillwater Only
353-ITX-02-015	Galveston	11.8	29.3003	-94.9152	Coastal - Stillwater Only
353-ITX-02-016	Galveston	12.8	29.3614	-94.9207	Coastal - Wave Runup
353-ITX-02-017	Galveston	15.5	29.3911	-94.8873	Coastal - Wave Runup
353-ITX-02-019	Galveston	11.4	29.4578	-95.0210	Coastal - Stillwater Only
353-ITX-02-020	Galveston	10.4	29.4572	-95.0475	Coastal - Stillwater Only
353-ITX-02-021	Galveston	10.9	29.4365	-95.0922	Coastal - Stillwater Only
353-ITX-02-022	Galveston	13.4	29.3810	-95.0891	Coastal - Stillwater Only
353-ITX-02-023	Galveston	10.3	29.3422	-95.0368	Coastal - Stillwater Only
353-ITX-02-024	Galveston	12.2	29.3043	-94.9876	Coastal - Stillwater Only
353-ITX-02-025	Galveston	10.9	29.3348	-94.9779	Coastal - Stillwater Only
353-ITX-03-017	Galveston	15.4	29.5697	-94.3962	Coastal - Wave Runup
353-ITX-03-018	Galveston	19.4	29.5574	-94.3916	Coastal - Wave Runup
353-ITX-04-001	Galveston	9.7	29.0912	-95.1115	Coastal - Wave Runup
353-ITX-04-002	Galveston	10.7	29.0931	-95.1107	Coastal - Wave Runup
353-ITX-04-003	Galveston	10.7	29.1326	-95.0602	Coastal - Wave Height
353-ITX-04-004	Galveston	9.4	29.1315	-95.0588	Coastal - Stillwater Only
353-ITX-04-005	Galveston	10.2	29.1497	-95.0303	Coastal - Wave Runup
353-ITX-04-006	Galveston	10.2	29.1494	-95.0279	Coastal - Wave Runup
353-ITX-04-007	Galveston	14.1	29.1737	-94.9977	Coastal - Wave Height
353-ITX-04-008	Galveston	10.7	29.1866	-94.9655	Coastal - Stillwater Only
353-ITX-04-009	Galveston	13.1	29.2365	-94.8830	Coastal - Wave Height
353-ITX-04-010	Galveston	11.0	29.3273	-94.7720	Coastal - Wave Height
353-ITX-04-020	Galveston	10.4	29.3355	-95.0224	Coastal - Stillwater Only
353-ITX-04-021	Galveston	10.6	29.3371	-95.0244	Coastal - Stillwater Only
353-ITX-04-028	Galveston	16.7	29.5356	-95.0115	Coastal - Wave Height
353-ITX-04-029	Galveston	15.4	29.5356	-95.0115	Coastal - Stillwater Only
353-ITX-04-030	Galveston	15.2	29.5117	-94.9788	Coastal - Stillwater Only
353-ITX-04-031	Galveston	12.4	29.5007	-94.9347	Coastal - Stillwater Only
353-ITX-04-032	Galveston	12.2	29.4644	-94.9743	Coastal - Wave Runup
353-ITX-04-022	Harris	12.8	29.6155	-94.9980	Coastal - Stillwater Only
353-ITX-04-023	Harris	12.5	29.6195	-95.0071	Coastal - Wave Height
353-ITX-04-024	Harris	12.9	29.5652	-95.0170	Coastal - Stillwater Only
353-ITX-04-025	Harris	10.6	29.5649	-95.0690	Coastal - Wave Height

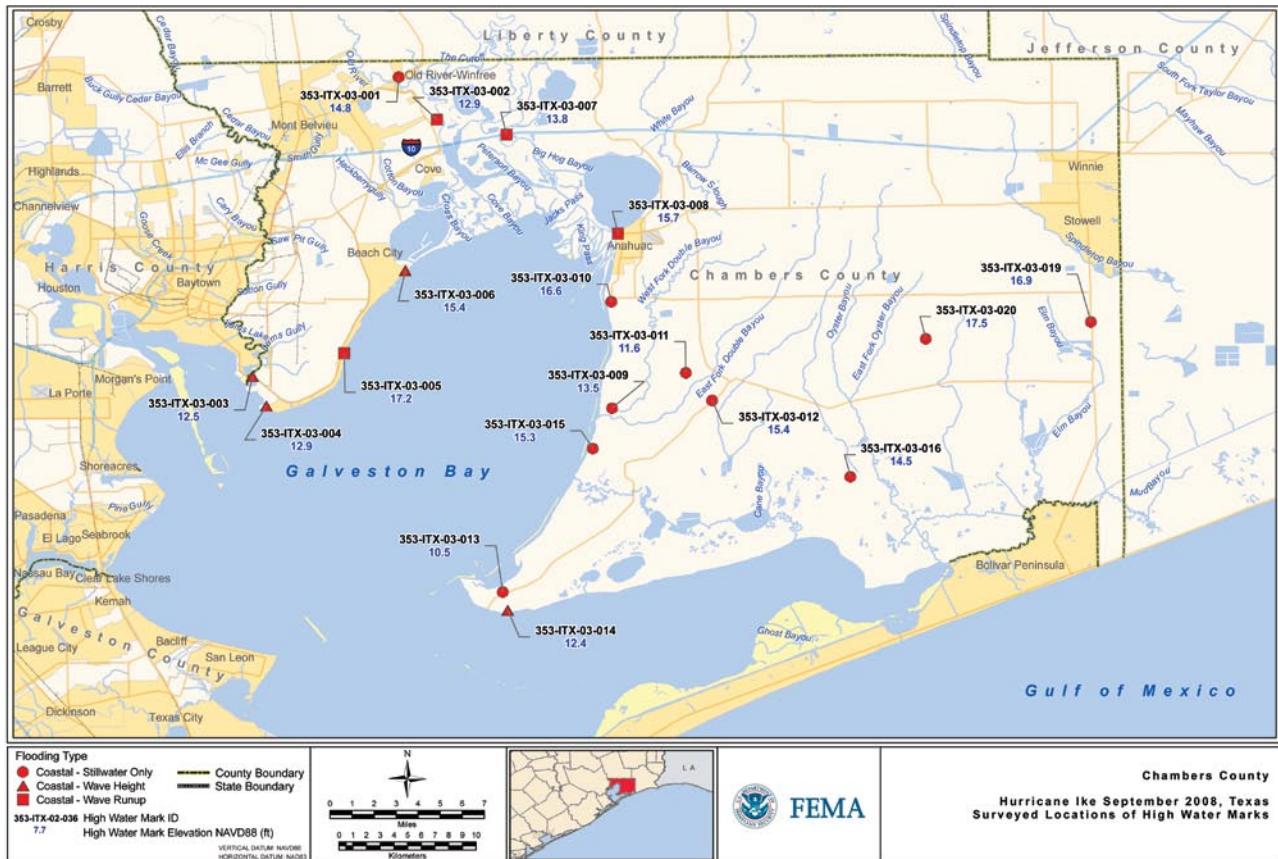
**Summary of High Water Mark Survey Results**

HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
353-ITX-04-026	Harris	10.9	29.5386	-95.0851	Coastal - Stillwater Only
353-ITX-01-001	Jefferson	12.2	29.8666	-93.9343	Coastal - Wave Runup
353-ITX-01-002	Jefferson	11.9	29.9195	-93.8895	Coastal - Wave Runup
353-ITX-01-003	Jefferson	11.4	29.8654	-93.9314	Coastal - Wave Runup
353-ITX-01-004	Jefferson	11.7	29.8652	-93.9273	Coastal - Wave Runup
353-ITX-01-005	Jefferson	11.7	29.9486	-93.8769	Coastal - Wave Runup
353-ITX-01-006	Jefferson	11.8	29.9720	-93.8633	Coastal - Stillwater Only
353-ITX-01-007	Jefferson	12.2	29.9721	-93.8633	Coastal - Wave Height
353-ITX-01-016	Jefferson	11.1	30.0963	-94.0933	Coastal - Stillwater Only
353-ITX-01-017	Jefferson	11.2	30.0830	-94.0943	Coastal - Wave Runup
353-ITX-01-019	Jefferson	11.8	29.9964	-93.9498	Coastal - Stillwater Only
353-ITX-01-020	Jefferson	11.5	29.9689	-93.9134	Coastal - Stillwater Only
353-ITX-03-021	Jefferson	9.4	29.8785	-94.1604	Coastal - Stillwater Only
353-ITX-03-022	Jefferson	11.3	29.8494	-94.1350	Coastal - Stillwater Only
353-ITX-03-023	Jefferson	13.0	29.7309	-93.8971	Coastal - Stillwater Only
353-ITX-03-024	Jefferson	11.7	29.8872	-94.0432	Coastal - Wave Runup
353-ITX-03-025	Jefferson	13.6	29.7945	-94.2279	Coastal - Stillwater Only
353-ITX-03-026	Jefferson	9.2	29.9434	-94.1302	Coastal - Stillwater Only
353-ITX-03-027	Jefferson	9.6	29.9965	-94.1065	Coastal - Stillwater Only
353-ITX-03-028	Jefferson	11.6	30.0818	-94.0932	Coastal - Stillwater Only
353-ITX-03-029	Jefferson	8.8	30.0279	-94.1491	Coastal - Stillwater Only
353-ITX-03-030	Jefferson	12.8	29.8694	-93.9325	Coastal - Wave Runup
353-ITX-03-031	Jefferson	11.7	29.8224	-93.9637	Coastal - Wave Height
353-ITX-01-008	Orange	10.2	30.0181	-93.8486	Coastal - Stillwater Only
353-ITX-01-009	Orange	13.1	30.0154	-93.8370	Coastal - Stillwater Only
353-ITX-01-010	Orange	8.7	30.0915	-93.7268	Coastal - Stillwater Only
353-ITX-01-011	Orange	9.6	30.0773	-93.7448	Coastal - Stillwater Only
353-ITX-01-012	Orange	9.3	30.0741	-93.7236	Coastal - Stillwater Only
353-ITX-01-013	Orange	11.8	30.0748	-93.8493	Coastal - Stillwater Only
353-ITX-01-014	Orange	12.9	30.0507	-93.9184	Coastal - Stillwater Only
353-ITX-01-015	Orange	10.8	30.0972	-94.0671	Coastal - Stillwater Only
353-ITX-01-018	Orange	12.7	30.0535	-93.9735	Coastal - Stillwater Only
353-ITX-01-021	Orange	9.9	30.2270	-93.7379	Coastal - Stillwater Only
353-ITX-01-022	Orange	7.7	30.1564	-93.7077	Coastal - Stillwater Only
353-ITX-01-023	Orange	8.3	30.1774	-93.7074	Coastal - Stillwater Only
353-ITX-01-024	Orange	10.8	30.0475	-93.7716	Coastal - Stillwater Only
353-ITX-01-025	Orange	9.4	30.0660	-93.7456	Coastal - Stillwater Only
353-ITX-01-026	Orange	10.7	30.0452	-93.8139	Coastal - Stillwater Only
353-ITX-01-027	Orange	10.9	30.0957	-94.0893	Coastal - Stillwater Only
353-ITX-01-028	Orange	11.7	30.0964	-94.0573	Coastal - Stillwater Only

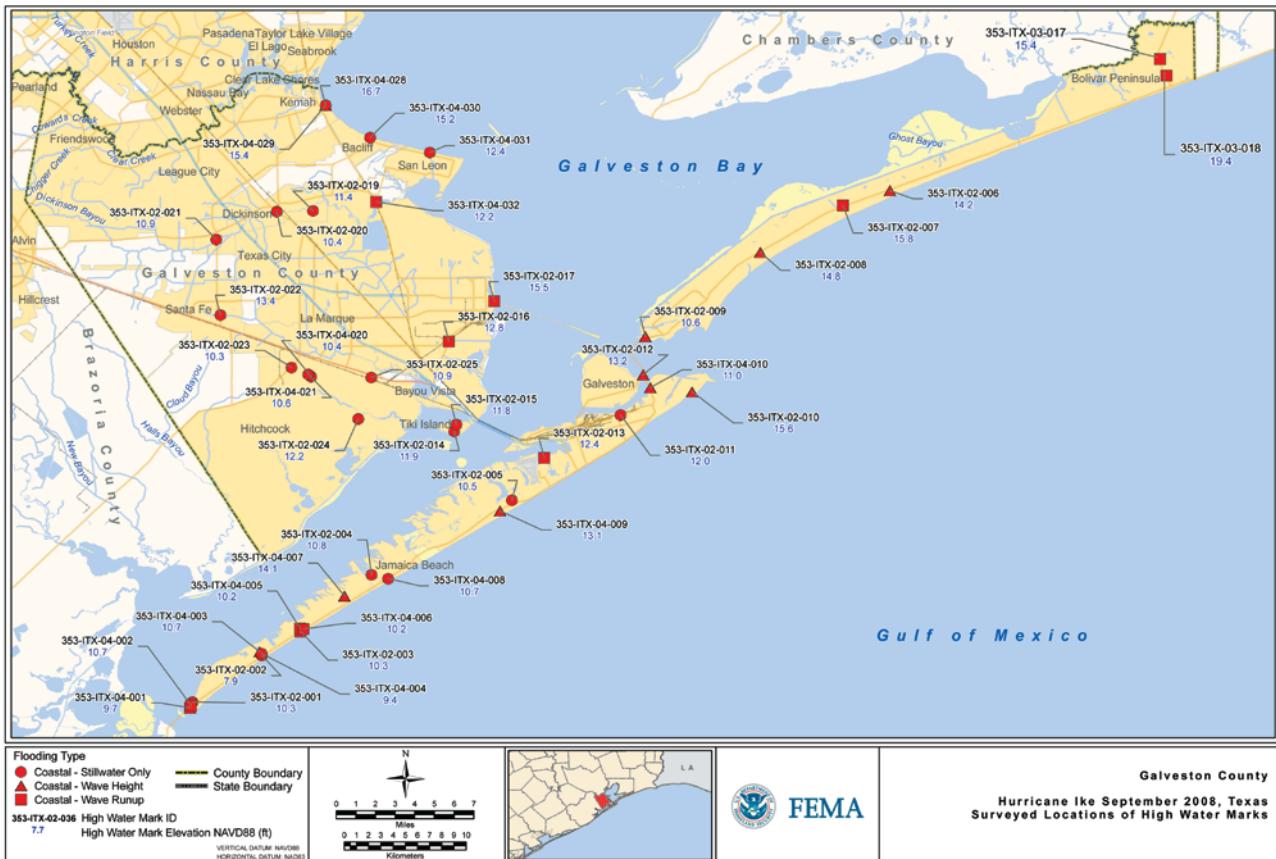


## E HIGH WATER MARKS



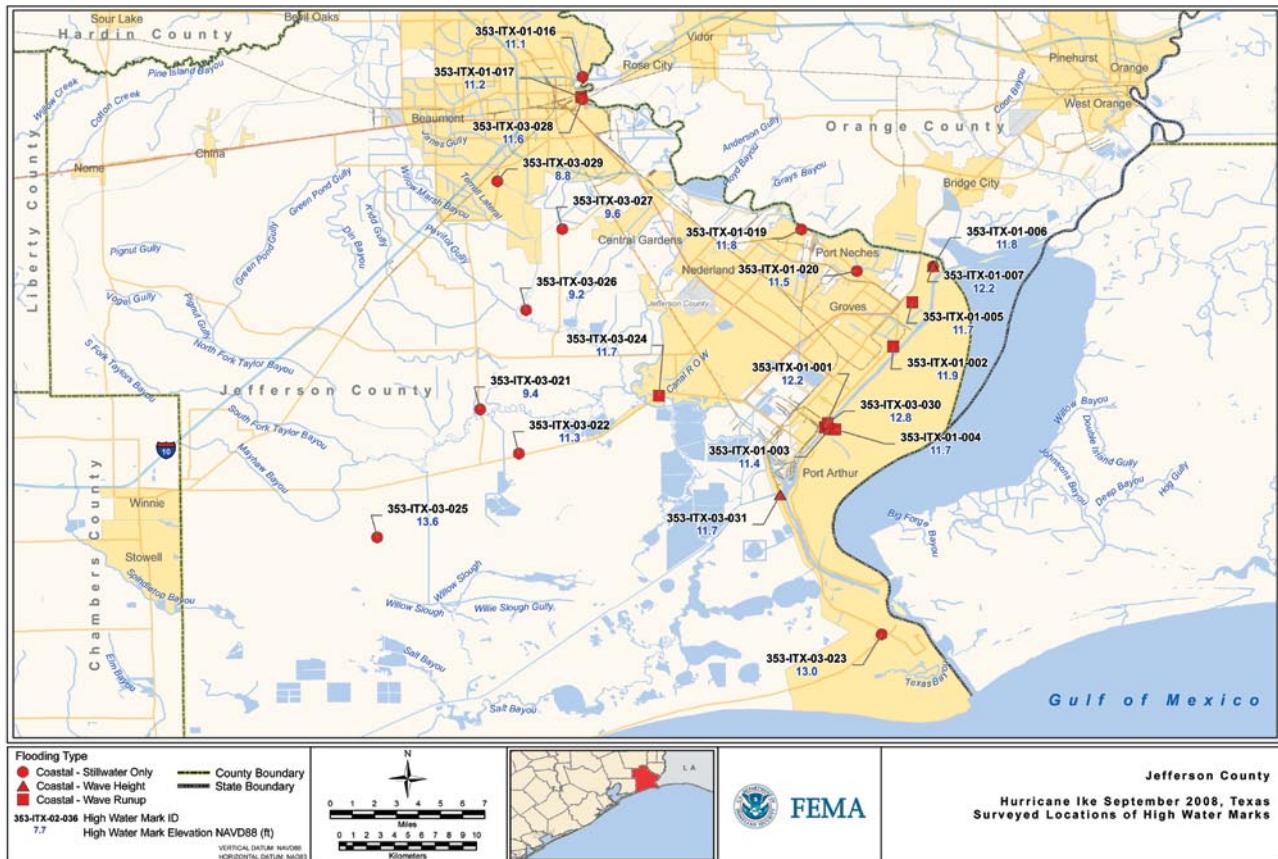


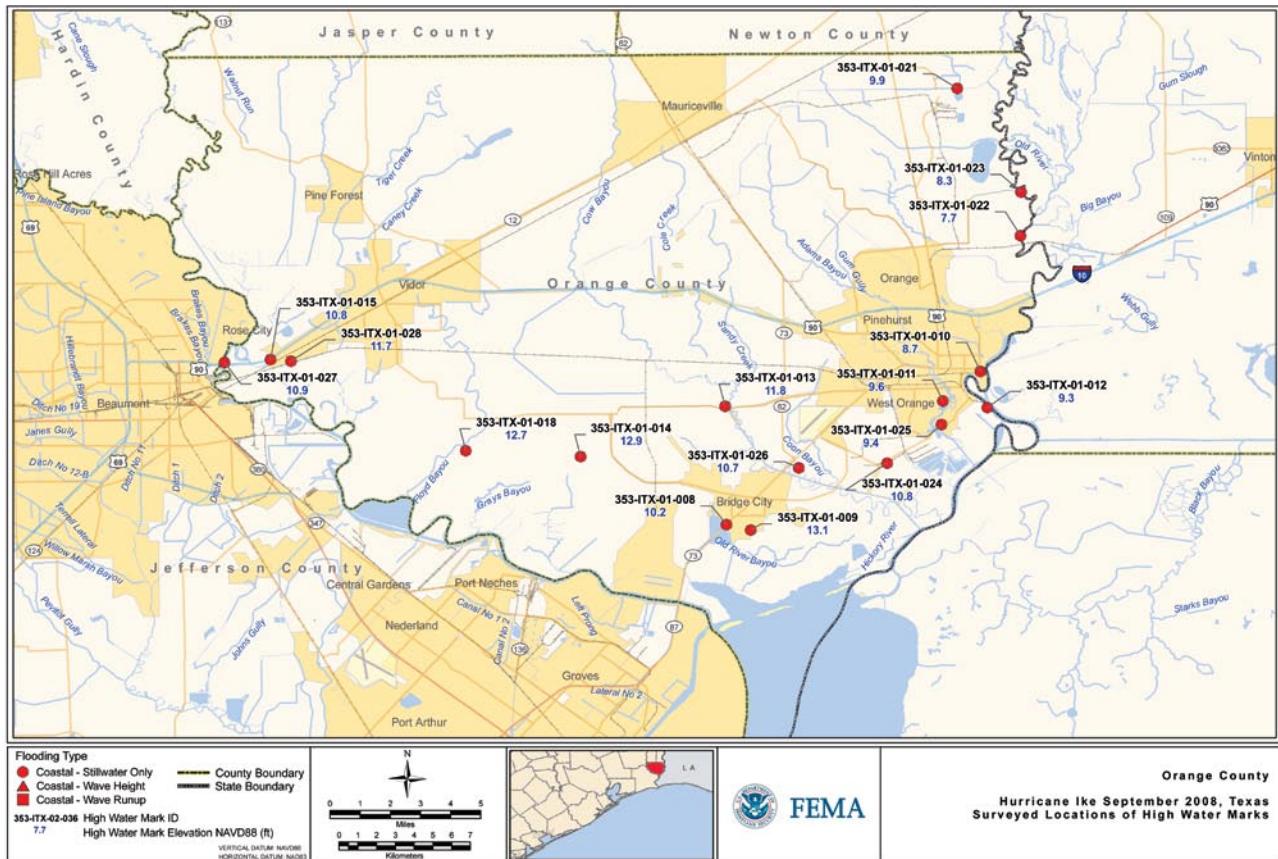
## E HIGH WATER MARKS





## E HIGH WATER MARKS





# High Water Marks in Louisiana

Summary of High Water Mark Survey Results					
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
401-ILA-02-009	Acadia	3.8	30.0817	-92.5062	Coastal - Stillwater Only
401-ILA-02-011	Acadia	3.5	30.1898	-92.5898	Coastal - Stillwater Only
401-ILA-01-006	Ascension	4.1	30.1906	-90.7862	Coastal - Stillwater Only
401-ILA-01-012	Ascension	3.8	30.1735	-90.7880	Coastal - Stillwater Only
401-ILA-03-005	Assumption	4.1	30.0006	-91.1932	Coastal - Stillwater Only
401-ILA-03-006	Assumption	3.1	29.9570	-91.2020	Coastal - Stillwater Only
401-ILA-03-007	Assumption	2.9	29.9008	-91.1861	Coastal - Stillwater Only
401-ILA-03-008	Assumption	2.9	29.8664	-91.1081	Coastal - Stillwater Only
401-ILA-03-012	Assumption	3.1	29.9366	-91.2213	Coastal - Stillwater Only
401-ILA-05-005	Calcasieu	8.7	30.1032	-93.3361	Coastal - Stillwater Only
401-ILA-05-006	Calcasieu	9.2	30.1140	-93.3417	Coastal - Stillwater Only
401-ILA-05-007	Calcasieu	5.6	30.0659	-93.3484	Coastal - Stillwater Only
401-ILA-05-013	Calcasieu	5.5	30.1910	-93.2680	Coastal - Stillwater Only
401-ILA-05-014	Calcasieu	9.2	30.1689	-93.2985	Coastal - Stillwater Only
401-ILA-05-015	Calcasieu	9.3	30.1043	-93.3063	Coastal - Stillwater Only
401-ILA-05-022	Calcasieu	4.5	30.1296	-92.9077	Coastal - Stillwater Only
401-ILA-05-027	Calcasieu	9.6	30.2366	-93.2300	Coastal - Stillwater Only
401-ILA-05-028	Calcasieu	8.4	30.2193	-93.2233	Coastal - Stillwater Only
401-ILA-05-029	Calcasieu	9.3	30.2110	-93.2356	Coastal - Stillwater Only
401-ILA-05-030	Calcasieu	9.2	30.2036	-93.2393	Coastal - Stillwater Only
401-ILA-05-008	Cameron	8.9	30.0049	-93.3433	Coastal - Stillwater Only
401-ILA-05-009	Cameron	8.9	29.9907	-93.4092	Coastal - Stillwater Only
401-ILA-05-010	Cameron	9.7	29.8904	-93.4020	Coastal - Stillwater Only
401-ILA-05-012	Cameron	12.6	29.7718	-93.4560	Coastal - Wave Height
401-ILA-05-016	Cameron	7.4	30.0108	-93.2274	Coastal - Stillwater Only
401-ILA-05-018	Cameron	3.8	29.9382	-93.0797	Coastal - Stillwater Only
401-ILA-05-019	Cameron	6.1	29.8943	-93.0796	Coastal - Stillwater Only
401-ILA-05-020	Cameron	8.7	29.8154	-93.1143	Coastal - Stillwater Only
401-ILA-05-026	Cameron	11.7	29.7648	-93.8810	Coastal - Stillwater Only
401-ILA-05-031	Cameron	7.0	30.0093	-93.1820	Coastal - Stillwater Only
401-ILA-05-032	Cameron	9.6	29.9886	-93.2663	Coastal - Stillwater Only
401-ILA-05-033	Cameron	9.0	29.8085	-93.1655	Coastal - Stillwater Only
401-ILA-05-034	Cameron	11.2	29.7871	-93.1314	Coastal - Wave Height
401-ILA-05-038	Cameron	8.0	29.7440	-92.8778	Coastal - Stillwater Only
401-ILA-05-040	Cameron	3.3	30.0318	-92.7513	Coastal - Stillwater Only
401-ILA-05-041	Cameron	3.0	30.0377	-92.6718	Coastal - Stillwater Only
401-ILA-05-042	Cameron	3.2	30.0224	-92.7688	Coastal - Stillwater Only
401-ILA-05-043	Cameron	2.3	30.0321	-92.7926	Coastal - Stillwater Only
401-ILA-05-044	Cameron	9.4	29.9837	-93.3750	Coastal - Stillwater Only
401-ILA-05-045	Cameron	8.7	29.9839	-93.4275	Coastal - Stillwater Only
401-ILA-02-002	Iberia	4.7	30.0617	-91.6086	Coastal - Stillwater Only
401-ILA-02-025	Iberia	5.2	30.0581	-91.6078	Coastal - Stillwater Only
401-ILA-02-026	Iberia	8.2	29.9519	-91.9849	Coastal - Stillwater Only
401-ILA-02-027	Iberia	6.4	29.9675	-91.9781	Coastal - Stillwater Only
401-ILA-02-028	Iberia	8.2	29.9472	-91.9840	Coastal - Stillwater Only
401-ILA-02-029	Iberia	8.5	29.9490	-91.9886	Coastal - Stillwater Only
401-ILA-02-030	Iberia	8.4	29.9146	-91.9045	Coastal - Stillwater Only
401-ILA-02-032	Iberia	7.2	29.9345	-91.8635	Coastal - Stillwater Only
401-ILA-02-034	Iberia	8.5	29.9497	-91.8359	Coastal - Stillwater Only
401-ILA-02-035	Iberia	8.1	29.9382	-91.8338	Coastal - Stillwater Only

## E HIGH WATER MARKS

Summary of High Water Mark Survey Results					
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
401-ILA-02-038	Iberia	8.9	29.8265	-91.8081	Coastal - Stillwater Only
401-ILA-02-039	Iberia	5.1	29.9145	-91.6622	Coastal - Stillwater Only
401-ILA-02-040	Iberia	5.3	29.9789	-91.7539	Coastal - Stillwater Only
401-ILA-02-041	Iberia	5.5	30.0111	-91.7433	Coastal - Stillwater Only
401-ILA-02-042	Iberia	4.5	30.0192	-91.6808	Coastal - Stillwater Only
401-ILA-02-043	Iberia	7.1	30.0569	-91.7400	Riverine - Hurricane
401-ILA-02-044	Iberia	5.3	30.0060	-91.8170	Coastal - Stillwater Only
401-ILA-02-045	Iberia	5.0	30.0161	-91.7739	Coastal - Stillwater Only
401-ILA-01-007	Iberville	5.9	30.2193	-91.3177	Coastal - Stillwater Only
401-ILA-01-018	Iberville	3.2	30.1348	-91.0932	Coastal - Stillwater Only
401-ILA-01-019	Iberville	4.3	30.1034	-91.1984	Coastal - Stillwater Only
401-ILA-01-020	Iberville	9.8	30.3214	-91.0209	Coastal - Stillwater Only
401-ILA-01-021	Iberville	3.3	30.1264	-91.2761	Coastal - Stillwater Only
401-ILA-01-022	Iberville	5.1	30.1502	-91.3278	Coastal - Stillwater Only
401-ILA-04-020	Jefferson	5.2	29.6533	-90.1063	Coastal - Stillwater Only
401-ILA-04-022	Jefferson	4.7	29.8851	-90.1623	Coastal - Stillwater Only
401-ILA-04-023	Jefferson	4.8	30.0420	-90.2354	Coastal - Stillwater Only
401-ILA-04-025	Jefferson	5.3	30.0214	-90.1432	Coastal - Stillwater Only
401-ILA-06-001	Jefferson	4.9	29.2377	-89.9923	Coastal - Stillwater Only
401-ILA-06-002	Jefferson	4.9	29.2626	-89.9621	Coastal - Stillwater Only
401-ILA-06-004	Jefferson	4.7	29.2256	-90.0070	Coastal - Stillwater Only
401-ILA-06-005	Jefferson	5.1	29.2165	-90.0254	Coastal - Stillwater Only
401-ILA-06-006	Jefferson	6.1	29.2037	-90.0398	Coastal - Wave Height
401-ILA-02-010	Jefferson Davis	3.3	30.0727	-92.6594	Coastal - Stillwater Only
401-ILA-05-001	Jefferson Davis	4.0	30.0733	-92.6607	Coastal - Stillwater Only
401-ILA-05-002	Jefferson Davis	3.8	30.0752	-92.6771	Coastal - Stillwater Only
401-ILA-05-003	Jefferson Davis	3.3	30.0570	-92.7194	Coastal - Stillwater Only
401-ILA-05-004	Jefferson Davis	3.6	30.0694	-92.8842	Coastal - Stillwater Only
401-ILA-05-023	Jefferson Davis	3.5	30.1376	-92.8864	Coastal - Stillwater Only
401-ILA-02-004	Lafayette	8.0	30.2192	-91.9559	Coastal - Stillwater Only
401-ILA-06-008	Lafourche	7.6	29.1555	-90.1834	Coastal - Stillwater Only
401-ILA-06-009	Lafourche	8.3	29.1254	-90.1969	Coastal - Stillwater Only
401-ILA-06-010	Lafourche	8.0	29.1577	-90.1791	Coastal - Stillwater Only
401-ILA-06-011	Lafourche	7.0	29.2112	-90.2198	Coastal - Stillwater Only
401-ILA-06-013	Lafourche	6.7	29.2359	-90.2104	Coastal - Stillwater Only
401-ILA-06-014	Lafourche	5.8	29.2567	-90.2139	Coastal - Stillwater Only
401-ILA-06-016	Lafourche	6.2	29.3416	-90.2469	Coastal - Wave Height
401-ILA-06-017	Lafourche	4.4	29.5892	-90.3702	Coastal - Stillwater Only
401-ILA-06-018	Lafourche	4.4	29.5827	-90.3748	Coastal - Stillwater Only
401-ILA-06-019	Lafourche	4.3	29.5574	-90.3890	Coastal - Stillwater Only
401-ILA-06-020	Lafourche	3.9	29.5527	-90.5346	Coastal - Stillwater Only
401-ILA-01-004	Livingston	7.2	30.3268	-90.8233	Riverine - Hurricane
401-ILA-01-005	Livingston	4.4	30.2749	-90.7788	Coastal - Stillwater Only
401-ILA-07-024	Livingston	3.3	30.4335	-90.5472	Coastal - Stillwater Only
401-ILA-07-026	Livingston	4.0	30.3766	-90.5372	Coastal - Stillwater Only
401-ILA-07-028	Livingston	4.6	30.2618	-90.7128	Coastal - Stillwater Only
401-ILA-07-029	Livingston	4.0	30.2838	-90.7085	Coastal - Stillwater Only
401-ILA-07-030	Livingston	4.5	30.2732	-90.7105	Coastal - Stillwater Only
401-ILA-07-031	Livingston	4.4	30.2668	-90.7289	Coastal - Stillwater Only
401-ILA-07-032	Livingston	4.4	30.2754	-90.7387	Coastal - Stillwater Only
401-ILA-07-033	Livingston	3.7	30.2610	-90.7637	Coastal - Stillwater Only
401-ILA-07-034	Livingston	4.5	30.2639	-90.6419	Coastal - Stillwater Only

### Summary of High Water Mark Survey Results

HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
401-ILA-04-001	Plaquemines	3.7	29.6355	-89.9527	Coastal - Stillwater Only
401-ILA-04-002	Plaquemines	7.5	29.3540	-89.5359	Coastal - Wave Height
401-ILA-04-003	Plaquemines	6.4	29.2212	-89.3943	Coastal - Wave Height
401-ILA-04-004	Plaquemines	4.1	29.6990	-89.9913	Coastal - Stillwater Only
401-ILA-04-005	Plaquemines	3.6	29.6481	-89.9629	Coastal - Stillwater Only
401-ILA-04-006	Plaquemines	4.3	29.6023	-89.8784	Coastal - Stillwater Only
401-ILA-04-008	Plaquemines	6.2	29.4169	-89.6167	Coastal - Stillwater Only
401-ILA-04-010	Plaquemines	10.9	29.5861	-89.7972	Coastal - Stillwater Only
401-ILA-04-011	Plaquemines	8.1	29.6359	-89.9056	Coastal - Stillwater Only
401-ILA-04-012	Plaquemines	8.4	29.7426	-89.9872	Coastal - Stillwater Only
401-ILA-04-013	Plaquemines	8.2	29.6484	-89.9357	Coastal - Stillwater Only
401-ILA-04-014	Plaquemines	9.0	29.8603	-89.9073	Coastal - Stillwater Only
401-ILA-04-019	Plaquemines	5.2	29.8363	-90.0456	Coastal - Stillwater Only
401-ILA-04-016	St. Bernard	9.4	29.8199	-89.6112	Coastal - Stillwater Only
401-ILA-04-017	St. Bernard	8.8	29.8408	-89.7561	Coastal - Stillwater Only
401-ILA-06-021	St. Charles	3.4	29.7891	-90.4204	Coastal - Stillwater Only
401-ILA-06-022	St. Charles	3.5	29.7824	-90.4048	Coastal - Stillwater Only
401-ILA-06-024	St. Charles	2.7	29.8737	-90.4489	Coastal - Stillwater Only
401-ILA-06-025	St. Charles	2.7	29.8625	-90.4545	Coastal - Stillwater Only
401-ILA-01-001	St. James	3.7	30.1018	-90.7349	Coastal - Stillwater Only
401-ILA-01-002	St. James	3.3	30.0691	-90.7499	Coastal - Stillwater Only
401-ILA-01-013	St. James	3.4	30.0566	-90.7116	Coastal - Stillwater Only
401-ILA-01-014	St. James	3.3	30.0561	-90.7110	Coastal - Stillwater Only
401-ILA-01-015	St. James	2.5	29.9224	-90.6720	Coastal - Stillwater Only
401-ILA-01-016	St. James	2.4	29.9539	-90.6920	Coastal - Stillwater Only
401-ILA-01-017	St. James	2.2	29.9114	-90.7288	Coastal - Stillwater Only
401-ILA-01-008	St. John The Baptist	2.6	29.9199	-90.6221	Coastal - Stillwater Only
401-ILA-06-026	St. John The Baptist	4.6	30.0936	-90.4379	Coastal - Stillwater Only
401-ILA-06-027	St. John The Baptist	4.9	30.0884	-90.4420	Coastal - Stillwater Only
401-ILA-06-028	St. John The Baptist	4.7	30.0859	-90.4469	Coastal - Stillwater Only
401-ILA-06-029	St. John The Baptist	4.7	30.0910	-90.4597	Coastal - Stillwater Only
401-ILA-06-030	St. John The Baptist	4.8	30.0940	-90.4692	Coastal - Stillwater Only
401-ILA-06-031	St. John The Baptist	4.7	30.1062	-90.4983	Coastal - Stillwater Only
401-ILA-06-033	St. John The Baptist	3.6	30.1899	-90.4385	Coastal - Stillwater Only
401-ILA-06-034	St. John The Baptist	7.3	30.1067	-90.4229	Coastal - Wave Height
401-ILA-06-035	St. John The Baptist	4.6	30.0958	-90.4370	Coastal - Stillwater Only
401-ILA-06-036	St. John The Baptist	4.5	30.0608	-90.4393	Coastal - Stillwater Only
401-ILA-06-037	St. John The Baptist	4.2	30.0606	-90.4344	Coastal - Stillwater Only
401-ILA-06-038	St. John The Baptist	4.1	30.0600	-90.4333	Coastal - Stillwater Only

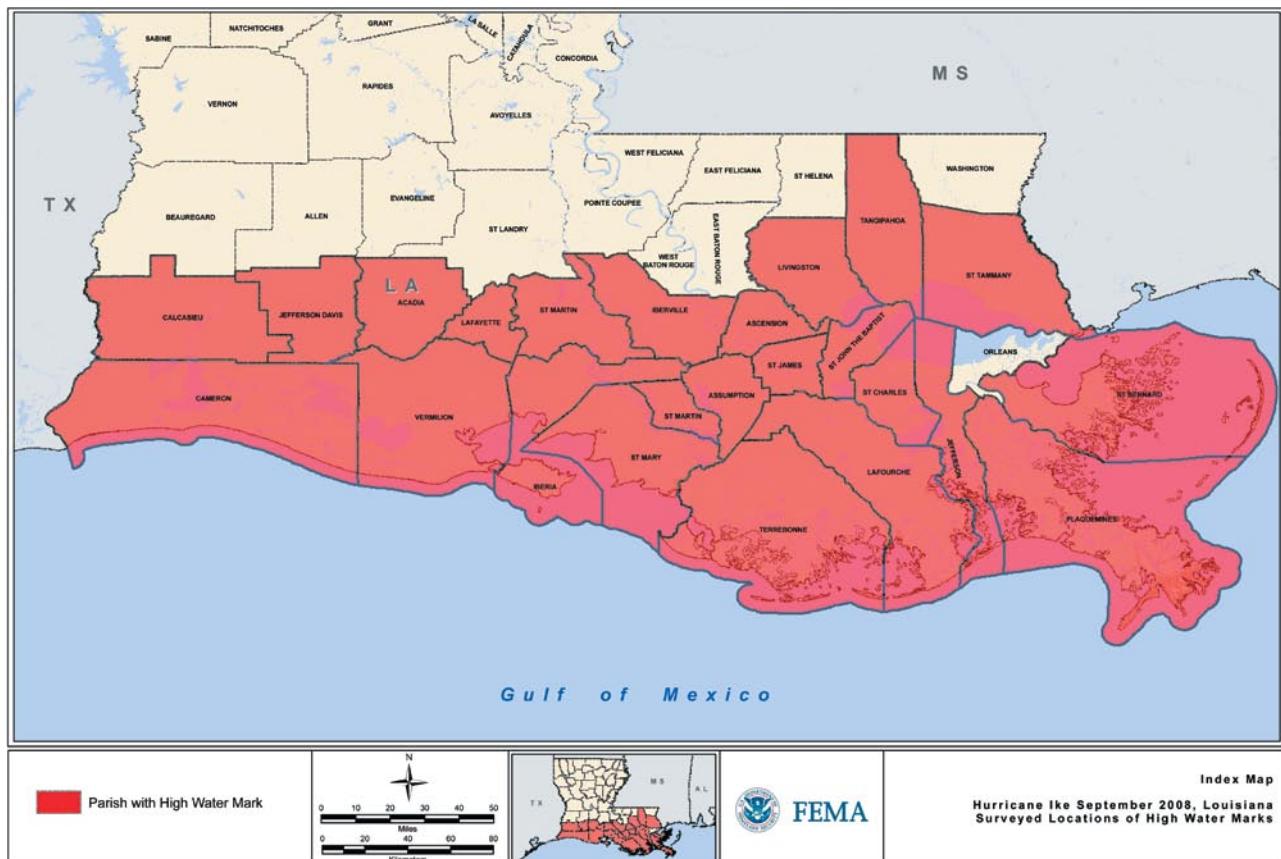
Summary of High Water Mark Survey Results					
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
401-ILA-06-040	St. John The Baptist	4.5	30.0802	-90.4611	Coastal - Stillwater Only
401-ILA-06-041	St. John The Baptist	4.3	30.0779	-90.5525	Coastal - Stillwater Only
401-ILA-06-042	St. John The Baptist	3.9	30.0785	-90.5459	Coastal - Stillwater Only
401-ILA-06-043	St. John The Baptist	4.0	30.0844	-90.5134	Coastal - Stillwater Only
401-ILA-02-014	St. Martin	8.4	30.3243	-91.7900	Coastal - Stillwater Only
401-ILA-02-017	St. Martin	7.4	30.3053	-91.7536	Coastal - Stillwater Only
401-ILA-02-018	St. Martin	7.2	30.2914	-91.7452	Coastal - Stillwater Only
401-ILA-02-021	St. Martin	5.3	30.2180	-91.6979	Coastal - Stillwater Only
401-ILA-02-022	St. Martin	5.5	30.1758	-91.6908	Coastal - Stillwater Only
401-ILA-03-001	St. Martin	3.0	29.8158	-91.1033	Coastal - Stillwater Only
401-ILA-03-003	St. Martin	9.3	29.8557	-91.1980	Coastal - Stillwater Only
401-ILA-03-004	St. Martin	3.1	29.9083	-91.2165	Coastal - Stillwater Only
401-ILA-03-009	St. Martin	2.6	29.7679	-91.1653	Coastal - Stillwater Only
401-ILA-03-010	St. Martin	8.0	29.7640	-91.1758	Coastal - Stillwater Only
401-ILA-03-011	St. Martin	9.7	29.9027	-91.2134	Coastal - Stillwater Only
401-ILA-02-036	St. Mary	9.3	29.7342	-91.8523	Coastal - Stillwater Only
401-ILA-02-037	St. Mary	10.6	29.7143	-91.8769	Coastal - Stillwater Only
401-ILA-03-056	St. Mary	7.3	29.6896	-91.0997	Coastal - Stillwater Only
401-ILA-03-057	St. Mary	6.7	29.6870	-91.1887	Coastal - Stillwater Only
401-ILA-03-058	St. Mary	4.2	29.6828	-91.1923	Coastal - Stillwater Only
401-ILA-03-059	St. Mary	6.9	29.6954	-91.2104	Coastal - Stillwater Only
401-ILA-03-060	St. Mary	6.8	29.6934	-91.2162	Coastal - Stillwater Only
401-ILA-03-061	St. Mary	7.4	29.6854	-91.2188	Coastal - Stillwater Only
401-ILA-03-062	St. Mary	6.7	29.9021	-91.5135	Coastal - Stillwater Only
401-ILA-03-063	St. Mary	4.7	29.8795	-91.4544	Coastal - Stillwater Only
401-ILA-03-064	St. Mary	9.7	29.7644	-91.3940	Coastal - Stillwater Only
401-ILA-03-065	St. Mary	4.8	29.7585	-91.4078	Coastal - Stillwater Only
401-ILA-03-066	St. Mary	5.1	29.7104	-91.3819	Coastal - Stillwater Only
401-ILA-03-067	St. Mary	6.4	29.7010	-91.3711	Coastal - Stillwater Only
401-ILA-03-068	St. Mary	5.1	29.7622	-91.4193	Coastal - Stillwater Only
401-ILA-08-029	St. Mary	10.2	29.7127	-91.8771	Coastal - Stillwater Only
401-ILA-08-030	St. Mary	8.7	29.7711	-91.7848	Coastal - Stillwater Only
401-ILA-08-032	St. Mary	6.0	29.7882	-91.5190	Coastal - Stillwater Only
401-ILA-08-034	St. Mary	6.9	29.7867	-91.5173	Coastal - Stillwater Only
401-ILA-08-037	St. Mary	6.3	29.8291	-91.5664	Coastal - Stillwater Only
401-ILA-08-038	St. Mary	4.4	29.8870	-91.5227	Coastal - Stillwater Only
401-ILA-08-039	St. Mary	4.0	29.8900	-91.5246	Coastal - Stillwater Only
401-ILA-08-040	St. Mary	5.5	29.8407	-91.4548	Coastal - Stillwater Only
401-ILA-08-042	St. Mary	4.7	29.8795	-91.5858	Coastal - Stillwater Only
401-ILA-08-044	St. Mary	8.1	29.5590	-91.5251	Coastal - Stillwater Only
401-ILA-08-045	St. Mary	6.2	29.6017	-91.5247	Coastal - Stillwater Only
401-ILA-08-048	St. Mary	5.1	29.7874	-91.4953	Coastal - Stillwater Only
401-ILA-08-049	St. Mary	6.7	29.7976	-91.4968	Coastal - Stillwater Only
401-ILA-08-050	St. Mary	5.3	29.7720	-91.4814	Coastal - Stillwater Only
401-ILA-07-001	St. Tammany	6.6	30.4083	-90.1420	Coastal - Stillwater Only
401-ILA-07-002	St. Tammany	6.3	30.3449	-90.0534	Coastal - Stillwater Only
401-ILA-07-004	St. Tammany	6.6	30.3657	-90.0959	Coastal - Stillwater Only
401-ILA-07-005	St. Tammany	6.7	30.3526	-90.0673	Coastal - Stillwater Only

### Summary of High Water Mark Survey Results

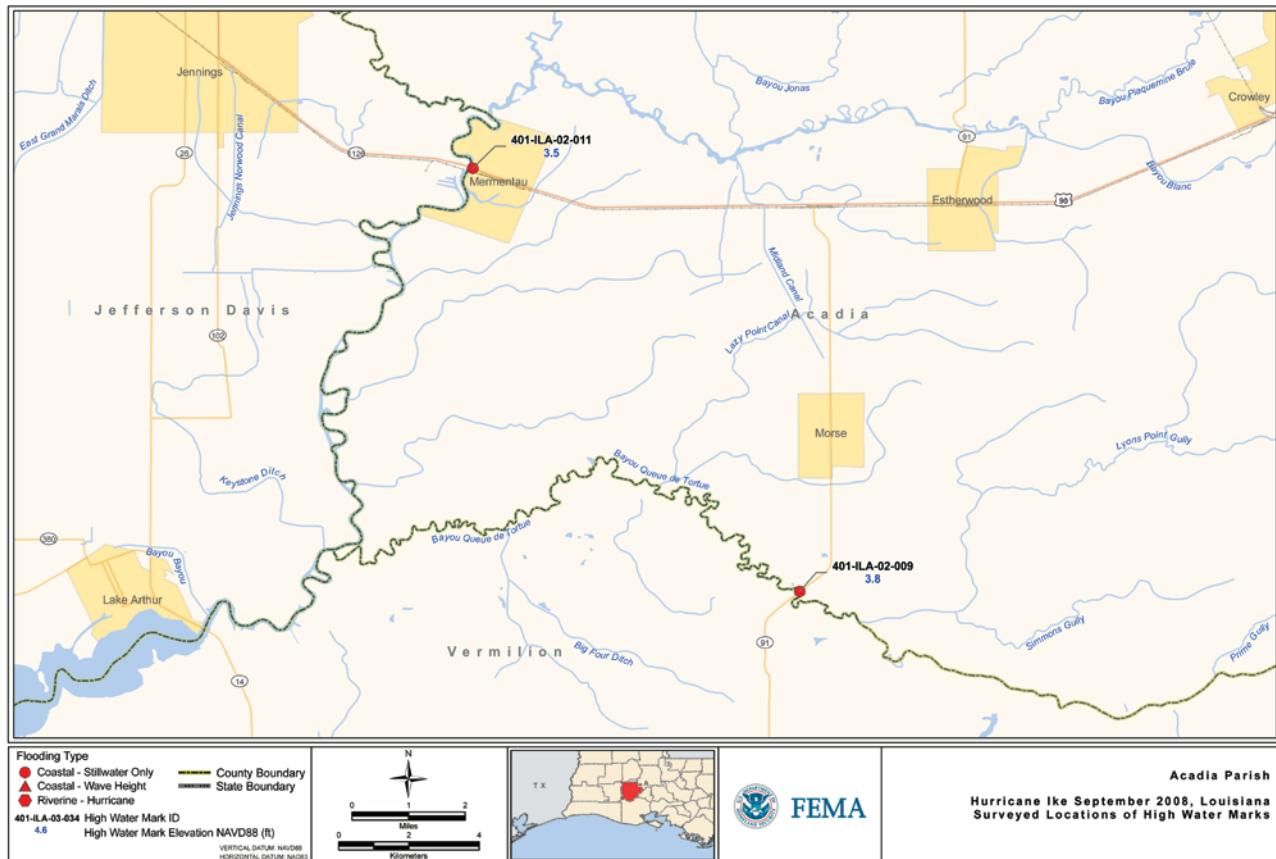
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
401-ILA-07-006	St. Tammany	4.7	30.3291	-90.0044	Coastal - Stillwater Only
401-ILA-07-007	St. Tammany	5.5	30.2651	-89.9565	Coastal - Stillwater Only
401-ILA-07-008	St. Tammany	4.6	30.2912	-89.9279	Coastal - Stillwater Only
401-ILA-07-009	St. Tammany	4.9	30.2841	-89.9170	Coastal - Stillwater Only
401-ILA-07-012	St. Tammany	4.3	30.2795	-89.7844	Coastal - Stillwater Only
401-ILA-07-013	St. Tammany	5.2	30.2611	-89.8033	Coastal - Stillwater Only
401-ILA-07-014	St. Tammany	5.1	30.2346	-89.8553	Coastal - Stillwater Only
401-ILA-07-016	St. Tammany	4.8	30.1853	-89.7572	Coastal - Stillwater Only
401-ILA-07-017	St. Tammany	6.5	30.3943	-90.1203	Coastal - Stillwater Only
401-ILA-07-018	St. Tammany	6.6	30.4027	-90.1561	Coastal - Stillwater Only
401-ILA-07-019	St. Tammany	6.6	30.3977	-90.1562	Coastal - Stillwater Only
401-ILA-07-021	Tangipahoa	5.2	30.2897	-90.4014	Coastal - Stillwater Only
401-ILA-03-015	Terrebonne	5.3	29.5853	-90.6774	Coastal - Stillwater Only
401-ILA-03-016	Terrebonne	6.0	29.5545	-90.6592	Coastal - Stillwater Only
401-ILA-03-020	Terrebonne	6.0	29.5191	-90.6753	Coastal - Stillwater Only
401-ILA-03-022	Terrebonne	6.4	29.4822	-90.6983	Coastal - Stillwater Only
401-ILA-03-023	Terrebonne	7.1	29.4254	-90.7020	Coastal - Stillwater Only
401-ILA-03-024	Terrebonne	7.0	29.3946	-90.7120	Coastal - Stillwater Only
401-ILA-03-025	Terrebonne	6.9	29.3689	-90.7231	Coastal - Stillwater Only
401-ILA-03-026	Terrebonne	7.6	29.2532	-90.6600	Coastal - Stillwater Only
401-ILA-03-027	Terrebonne	7.7	29.2770	-90.6440	Coastal - Stillwater Only
401-ILA-03-028	Terrebonne	7.3	29.3047	-90.6480	Coastal - Stillwater Only
401-ILA-03-029	Terrebonne	6.9	29.3838	-90.6197	Coastal - Stillwater Only
401-ILA-03-030	Terrebonne	3.3	29.4737	-90.5575	Coastal - Stillwater Only
401-ILA-03-031	Terrebonne	3.9	29.4740	-90.5532	Coastal - Stillwater Only
401-ILA-03-032	Terrebonne	4.9	29.4804	-90.5517	Coastal - Stillwater Only
401-ILA-03-033	Terrebonne	8.0	29.3857	-90.5882	Coastal - Wave Height
401-ILA-03-034	Terrebonne	4.6	29.4992	-90.5512	Coastal - Stillwater Only
401-ILA-03-035	Terrebonne	7.8	29.3985	-90.4884	Coastal - Wave Height
401-ILA-03-037	Terrebonne	7.5	29.3986	-90.4888	Coastal - Stillwater Only
401-ILA-03-040	Terrebonne	7.1	29.4394	-90.4611	Coastal - Stillwater Only
401-ILA-03-041	Terrebonne	5.1	29.4905	-90.5198	Coastal - Stillwater Only
401-ILA-03-042	Terrebonne	5.5	29.5133	-90.5960	Coastal - Stillwater Only
401-ILA-03-043	Terrebonne	5.5	29.5161	-90.5978	Coastal - Stillwater Only
401-ILA-03-044	Terrebonne	4.7	29.5370	-90.7144	Coastal - Stillwater Only
401-ILA-03-045	Terrebonne	3.9	29.5447	-90.7234	Coastal - Stillwater Only
401-ILA-03-046	Terrebonne	3.9	29.6050	-90.7050	Coastal - Stillwater Only
401-ILA-03-048	Terrebonne	4.0	29.5692	-90.7252	Coastal - Stillwater Only
401-ILA-03-049	Terrebonne	5.9	29.4282	-90.7644	Coastal - Stillwater Only
401-ILA-03-050	Terrebonne	5.7	29.4169	-90.7760	Coastal - Stillwater Only
401-ILA-03-051	Terrebonne	6.9	29.3340	-90.8483	Coastal - Wave Height
401-ILA-03-052	Terrebonne	5.7	29.3360	-90.8424	Coastal - Stillwater Only
401-ILA-03-053	Terrebonne	3.8	29.6163	-90.9022	Coastal - Stillwater Only
401-ILA-03-054	Terrebonne	3.9	29.6245	-90.9111	Coastal - Stillwater Only
401-ILA-05-039	Vermilion	4.0	30.0435	-92.7060	Coastal - Stillwater Only
401-ILA-08-002	Vermilion	9.4	29.7939	-92.1449	Coastal - Stillwater Only
401-ILA-08-004	Vermilion	8.0	29.9350	-92.1494	Coastal - Stillwater Only
401-ILA-08-005	Vermilion	8.6	29.8847	-92.1245	Coastal - Stillwater Only
401-ILA-08-006	Vermilion	8.3	29.9835	-92.1360	Coastal - Stillwater Only
401-ILA-08-007	Vermilion	5.4	29.8428	-92.1810	Coastal - Stillwater Only
401-ILA-08-008	Vermilion	7.4	29.8464	-92.2756	Coastal - Stillwater Only
401-ILA-08-009	Vermilion	5.9	29.8316	-92.3061	Coastal - Stillwater Only

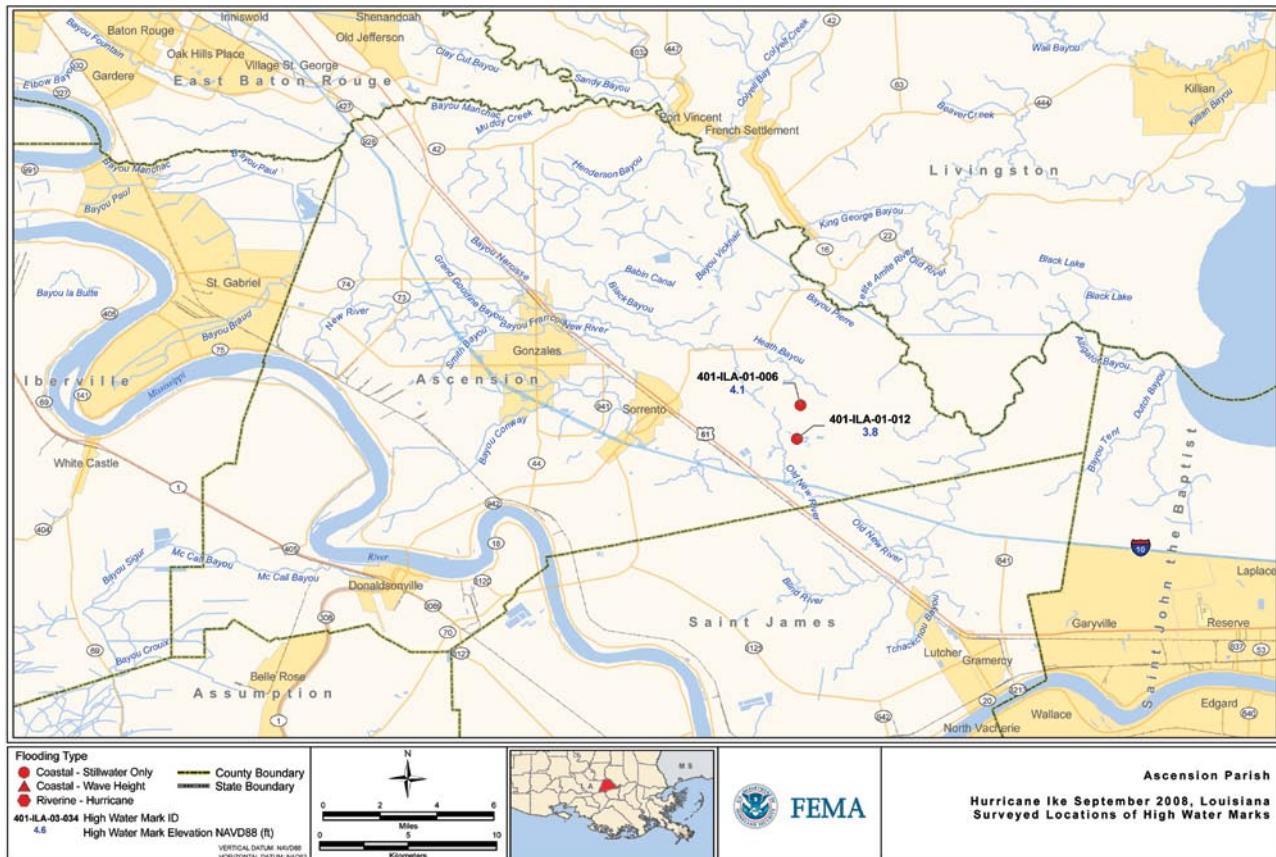
**E HIGH WATER MARKS**

Summary of High Water Mark Survey Results					
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
401-ILA-08-011	Vermilion	7.9	29.6573	-92.3693	Coastal - Wave Height
401-ILA-08-012	Vermilion	7.8	29.6468	-92.4342	Coastal - Wave Height
401-ILA-08-015	Vermilion	6.1	29.8386	-92.3282	Coastal - Stillwater Only
401-ILA-08-016	Vermilion	8.3	29.6308	-92.3820	Coastal - Wave Height
401-ILA-08-017	Vermilion	8.1	29.9749	-92.1395	Coastal - Stillwater Only
401-ILA-08-018	Vermilion	3.5	30.0413	-92.7226	Coastal - Stillwater Only
401-ILA-08-019	Vermilion	3.3	30.0713	-92.6571	Coastal - Stillwater Only
401-ILA-08-020	Vermilion	3.6	30.1004	-92.5321	Coastal - Stillwater Only
401-ILA-08-021	Vermilion	3.2	29.9192	-92.5138	Coastal - Stillwater Only
401-ILA-08-022	Vermilion	2.8	29.9782	-92.4621	Coastal - Stillwater Only
401-ILA-08-025	Vermilion	7.8	29.8825	-92.0378	Coastal - Stillwater Only
401-ILA-08-026	Vermilion	9.0	29.8770	-92.1269	Coastal - Stillwater Only
401-ILA-08-027	Vermilion	8.8	29.9751	-91.9940	Coastal - Stillwater Only

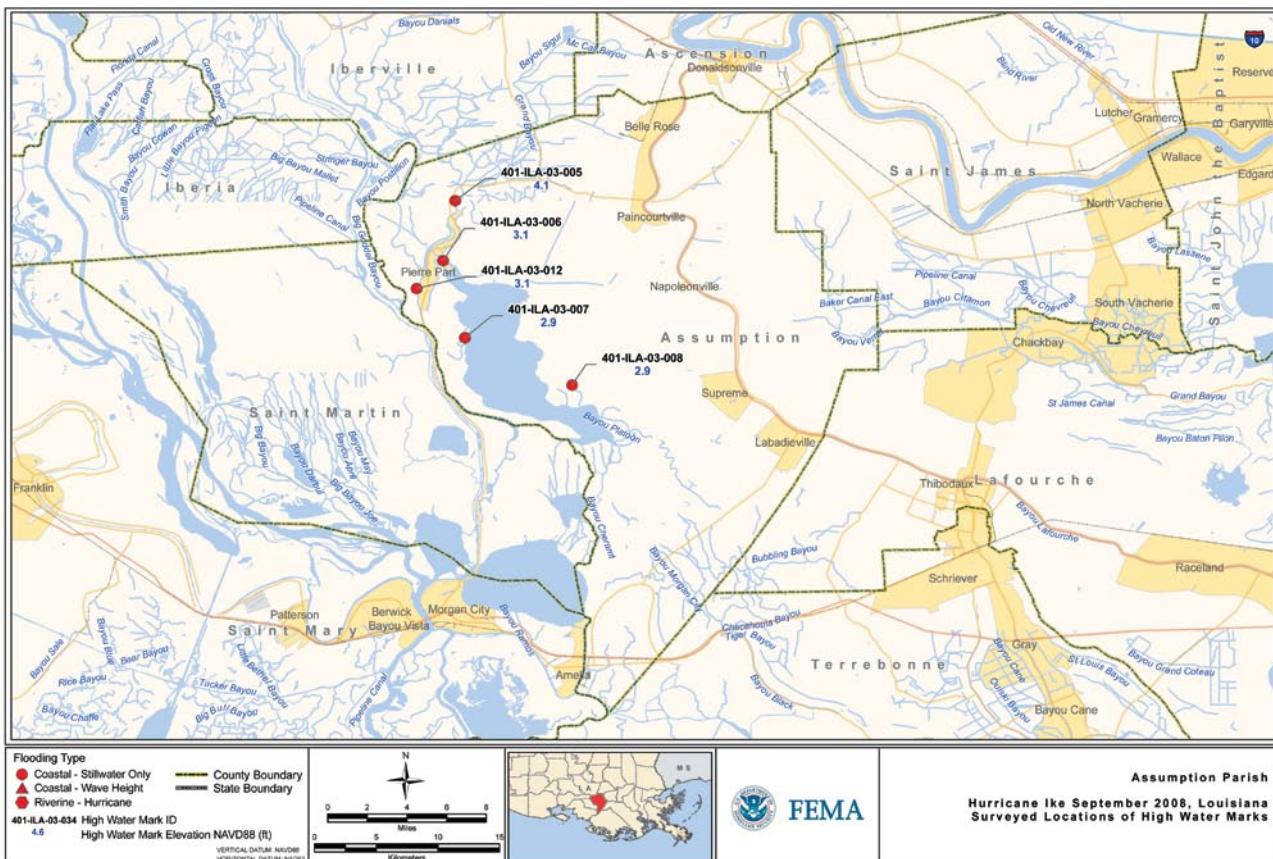


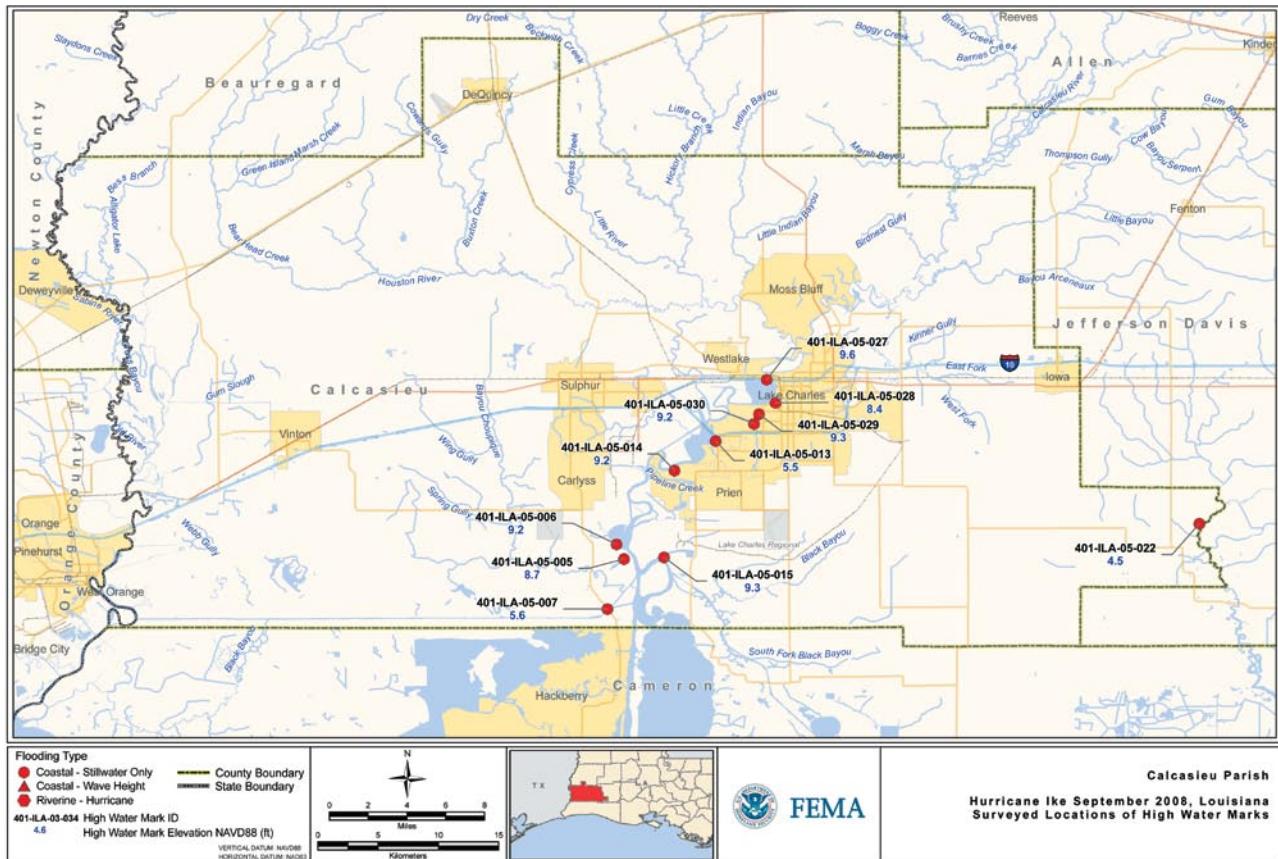
## E HIGH WATER MARKS



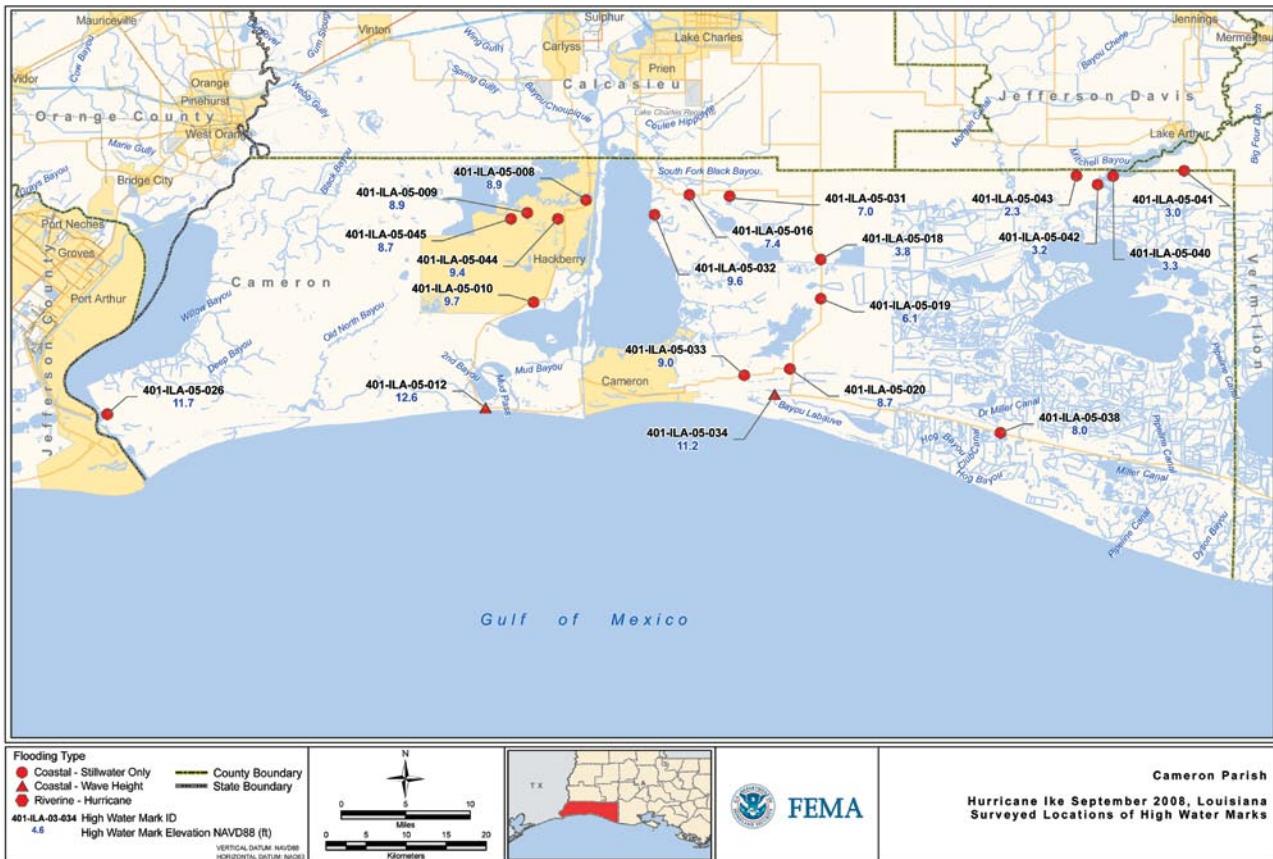


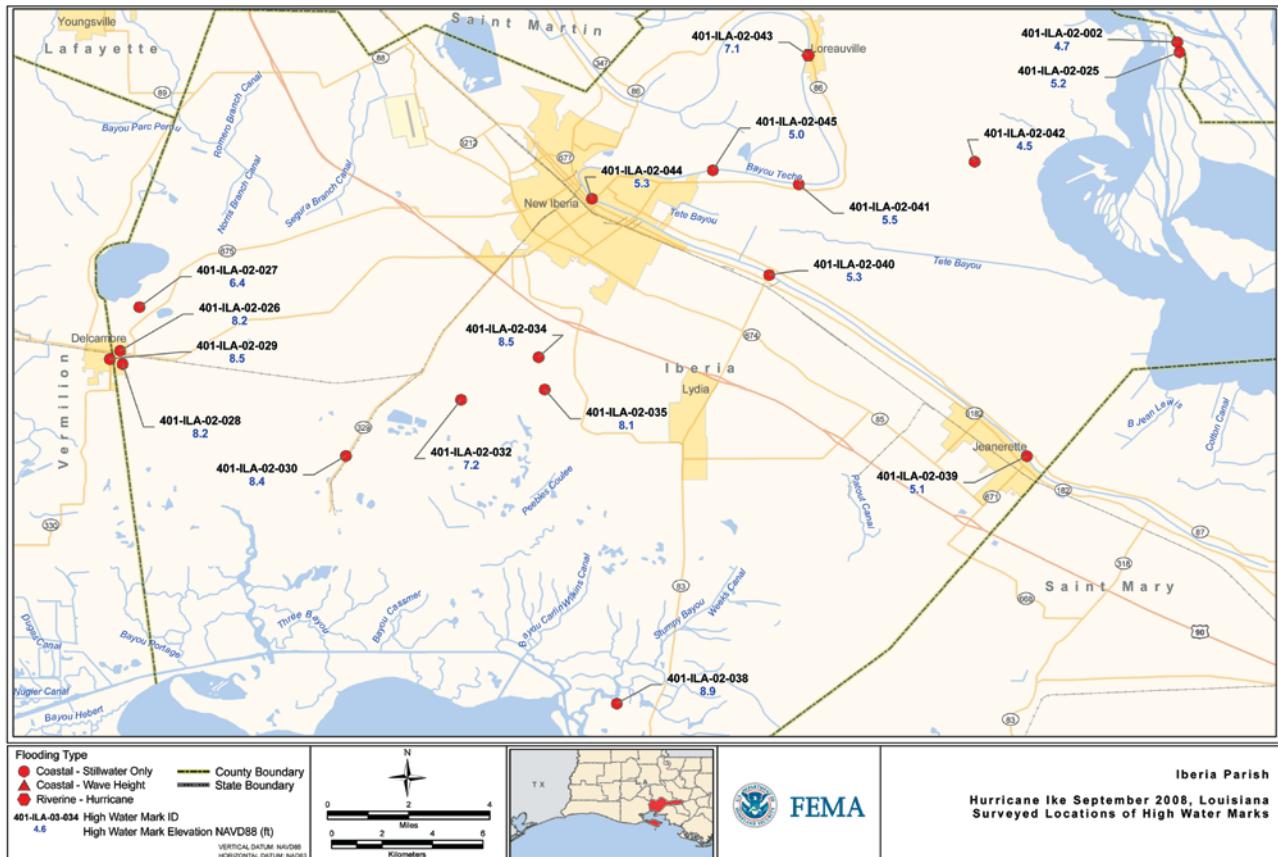
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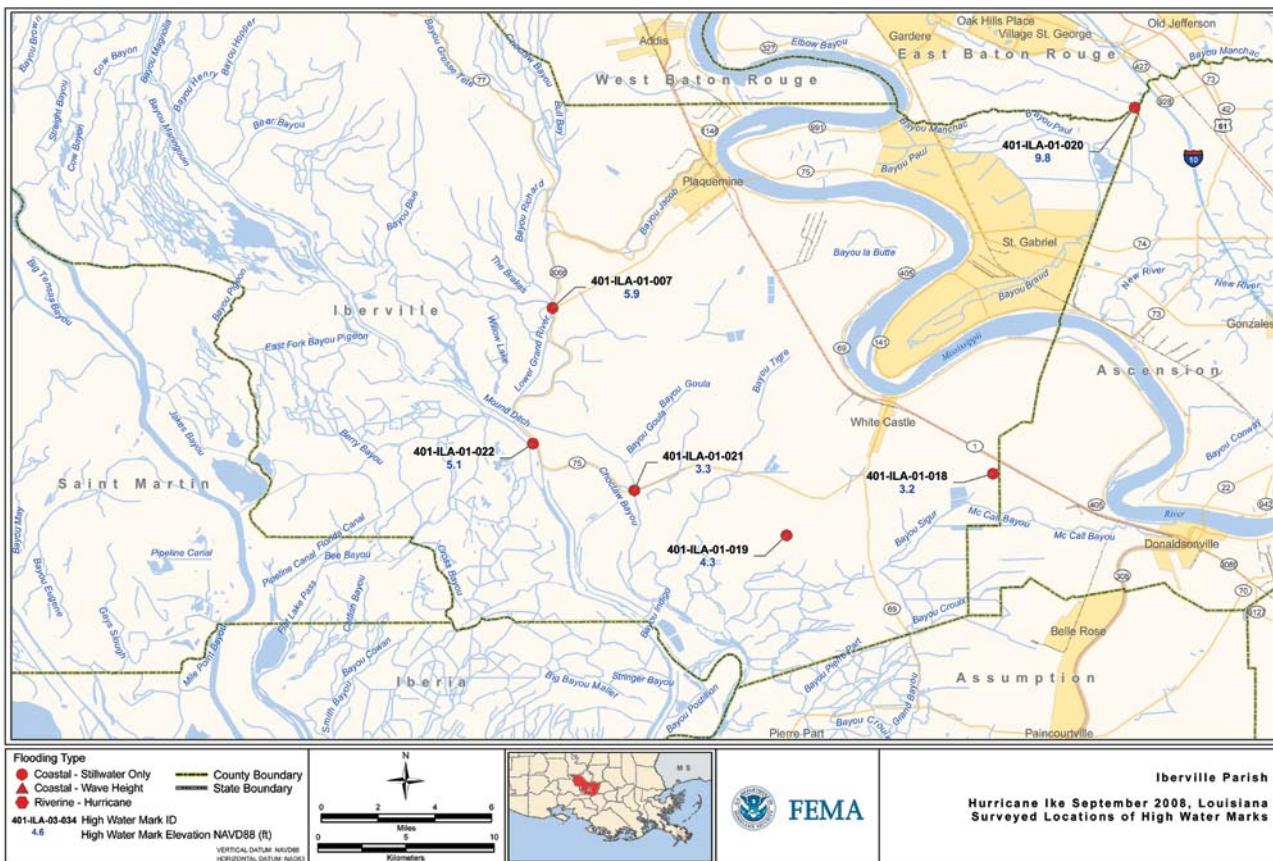


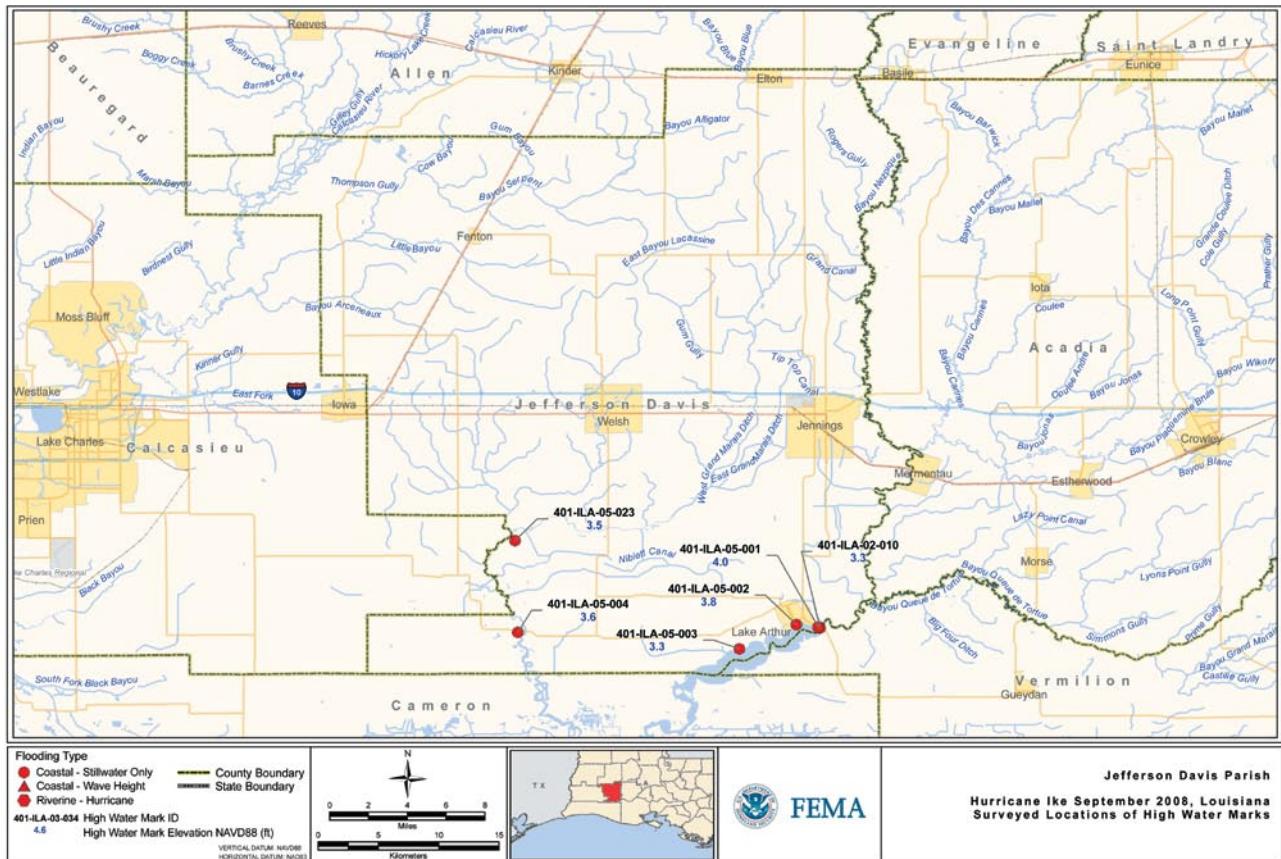
## E HIGH WATER MARKS



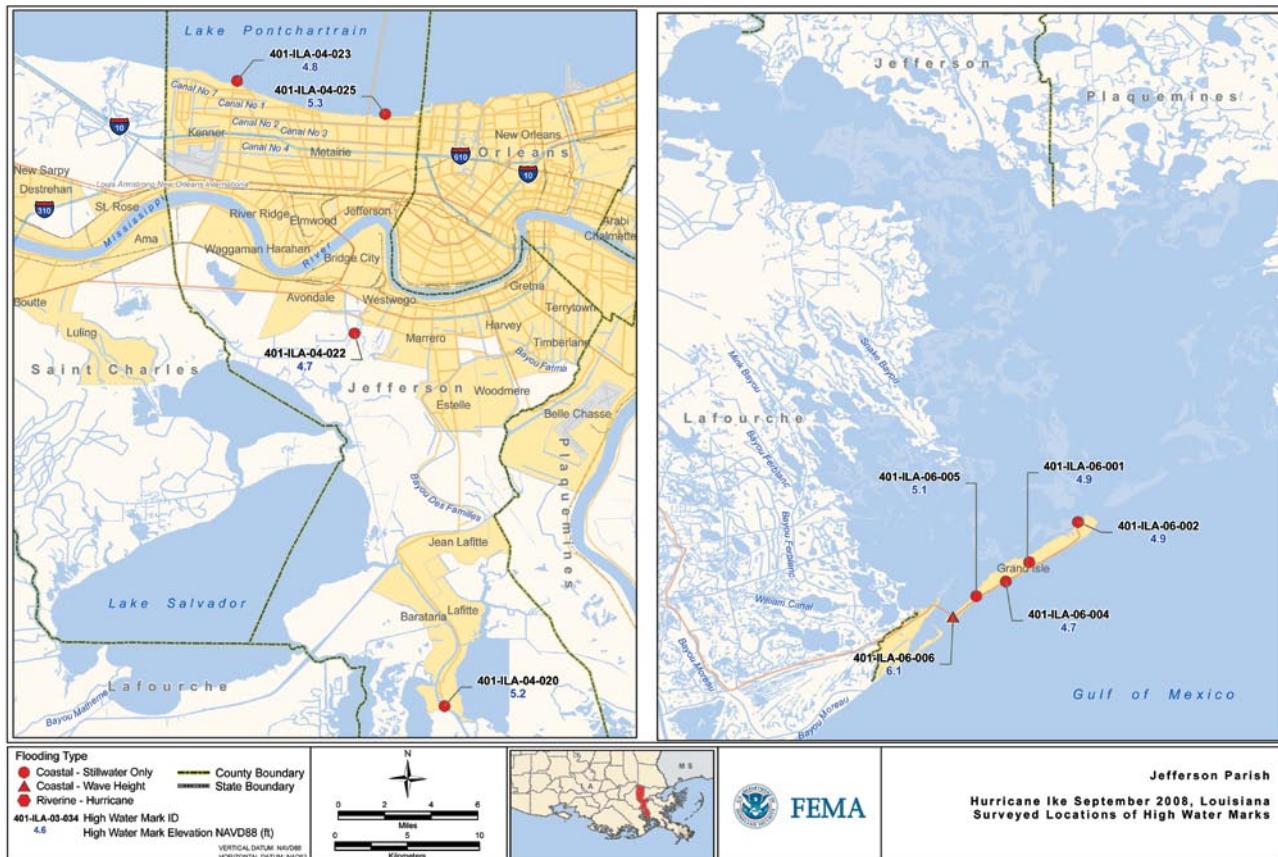


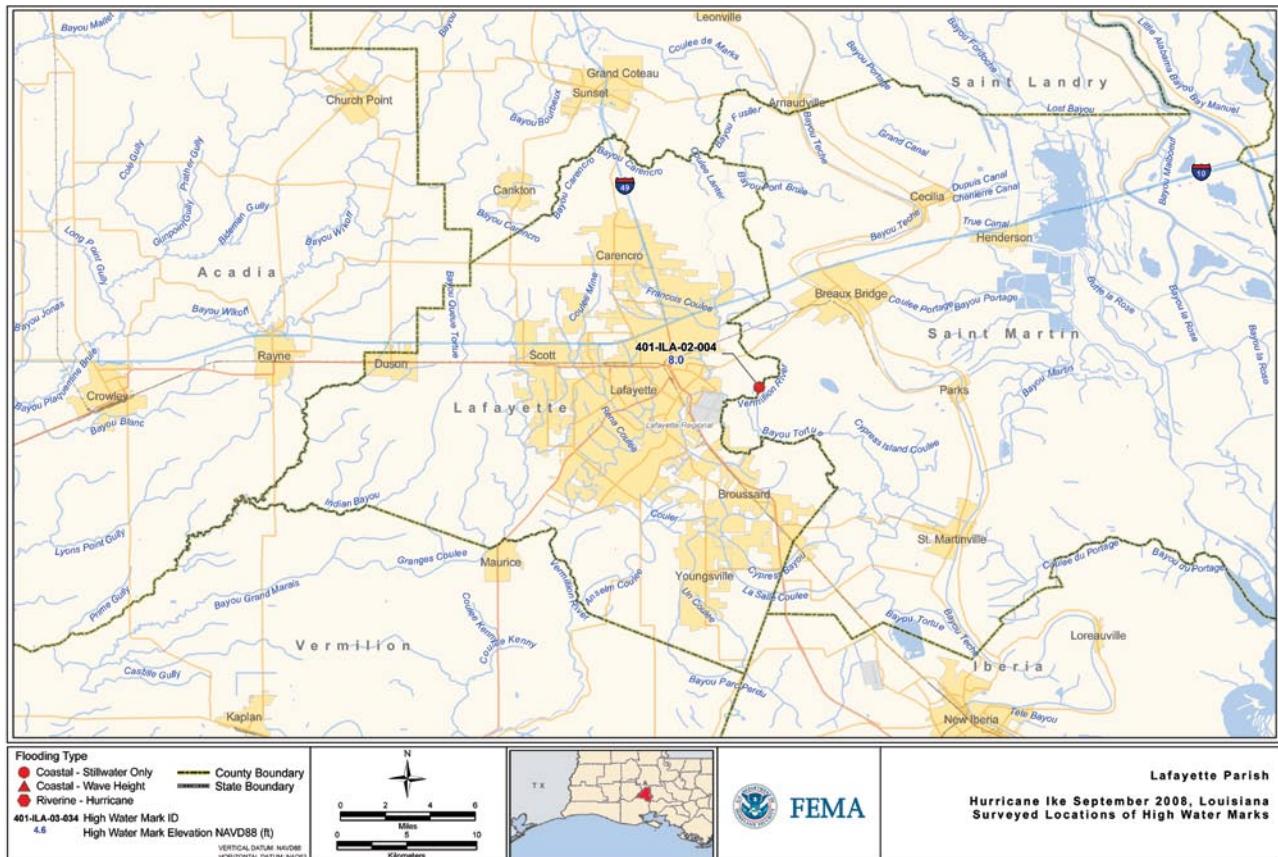
## E HIGH WATER MARKS



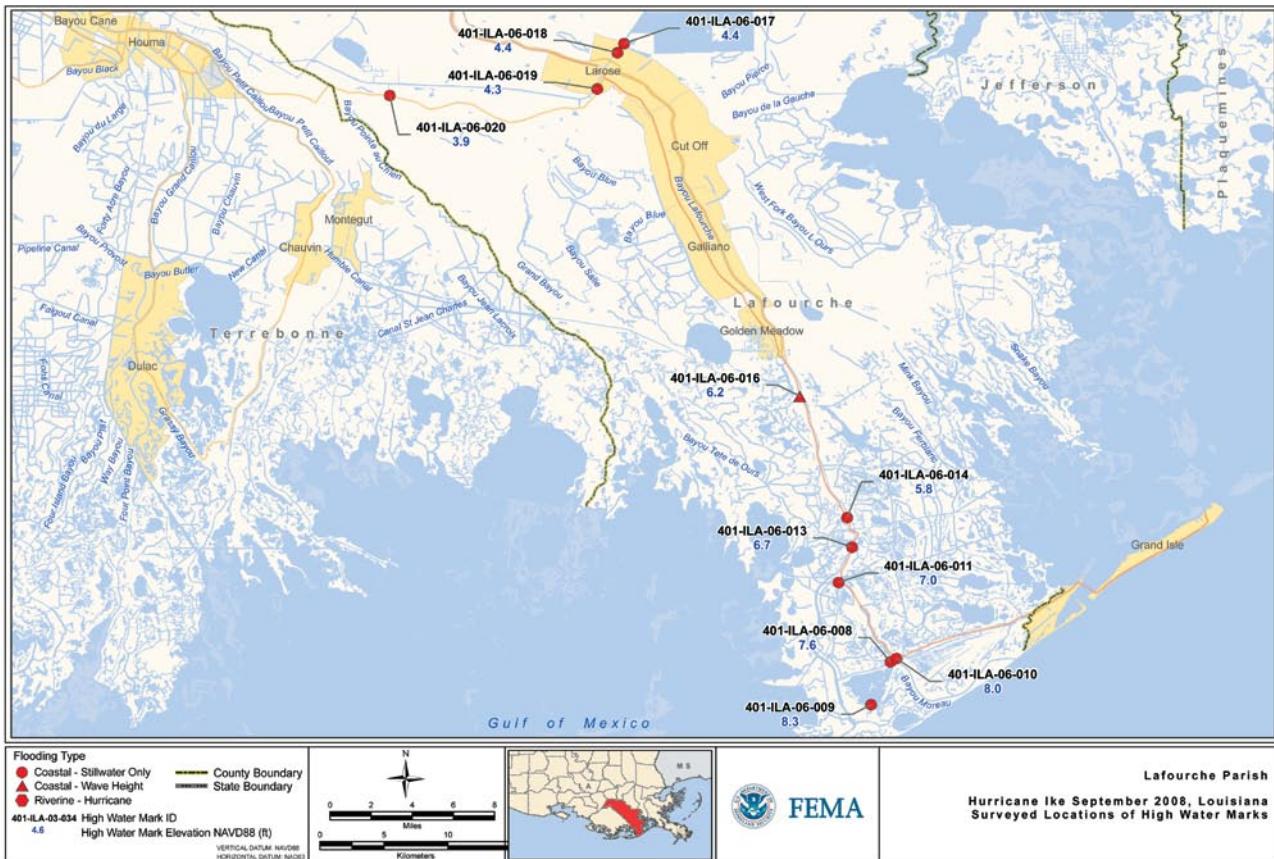


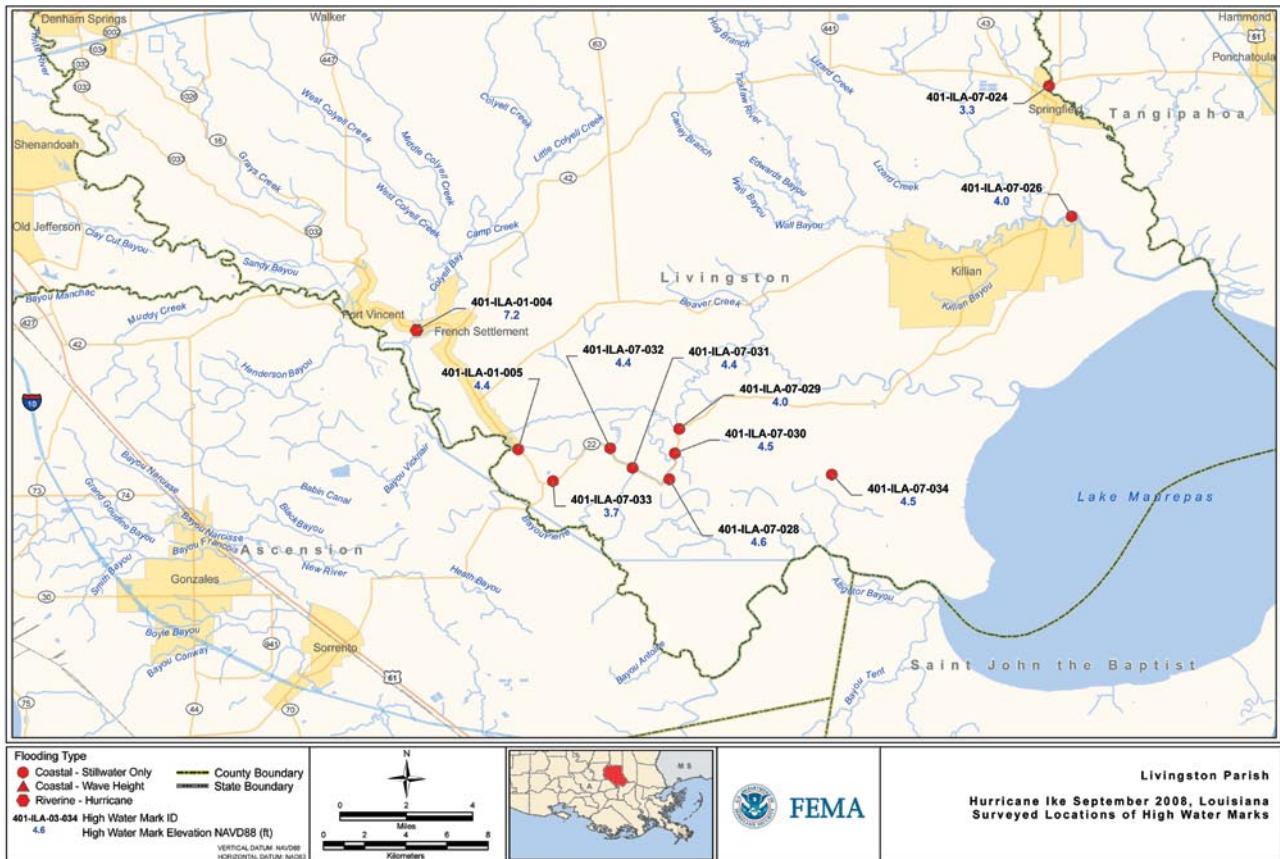
## E HIGH WATER MARKS



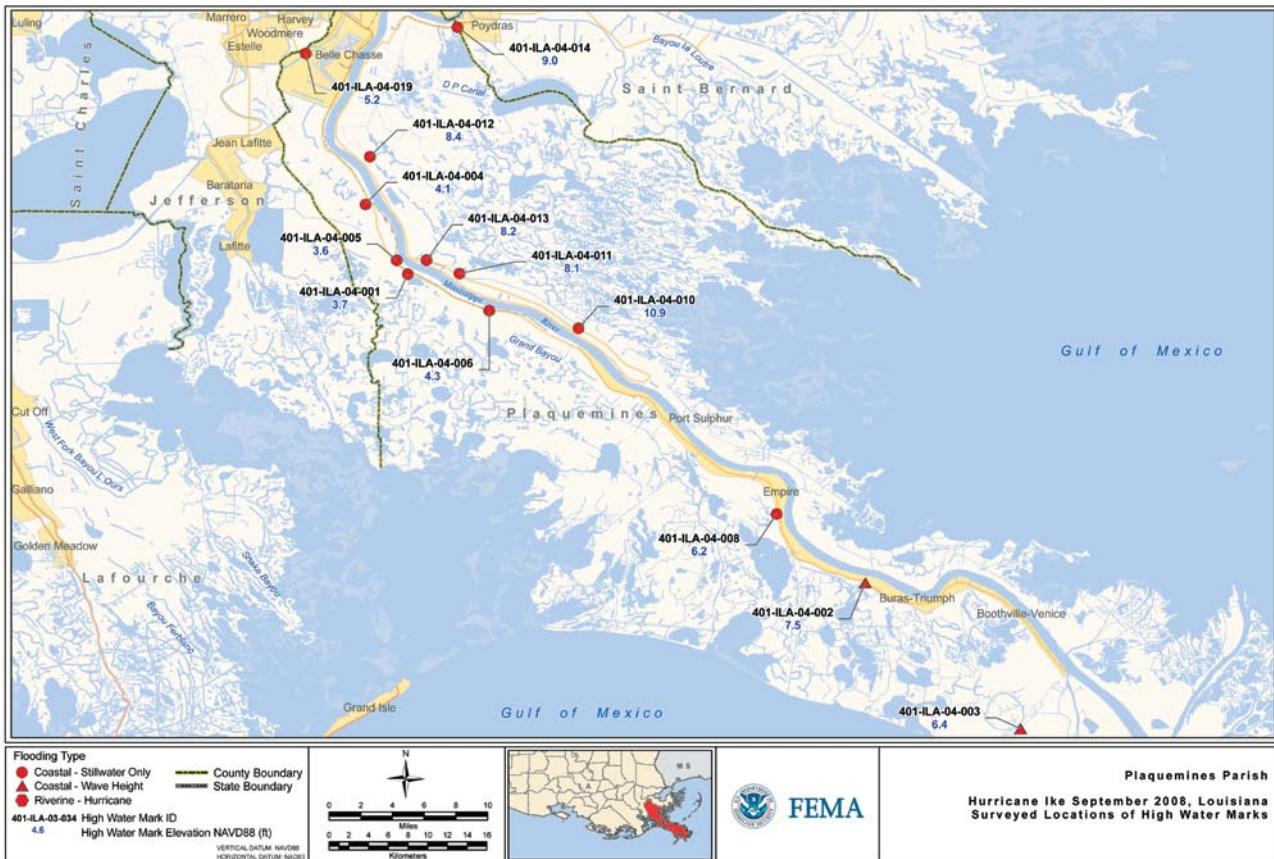


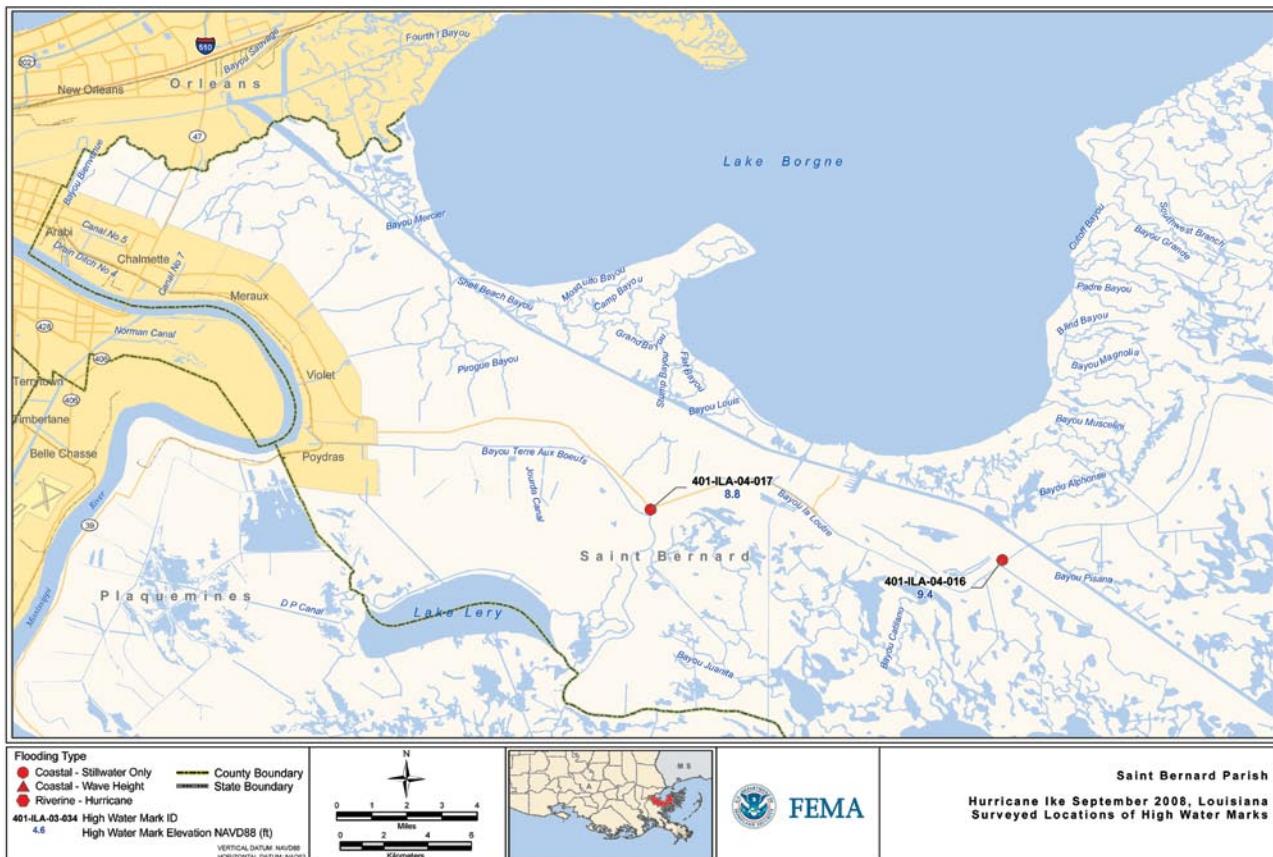
## E HIGH WATER MARKS



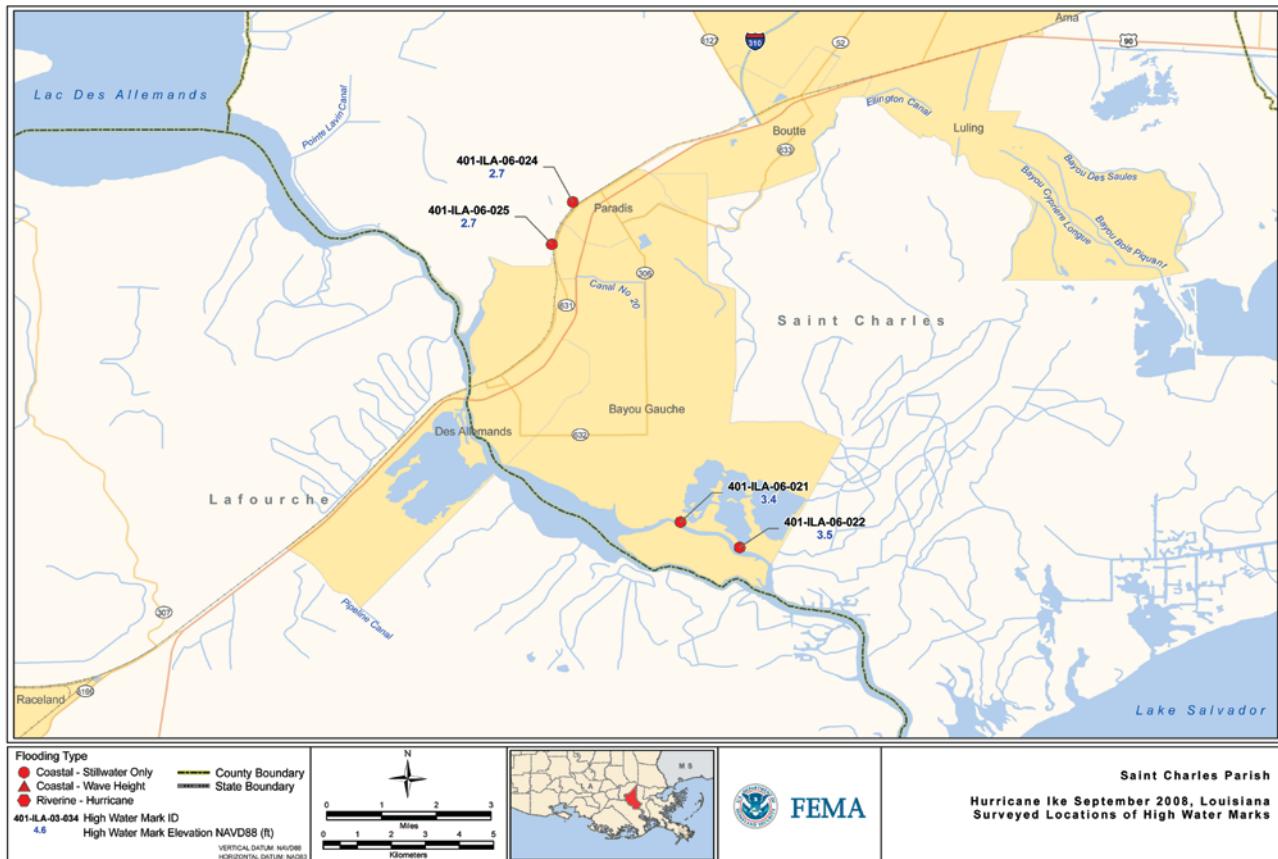


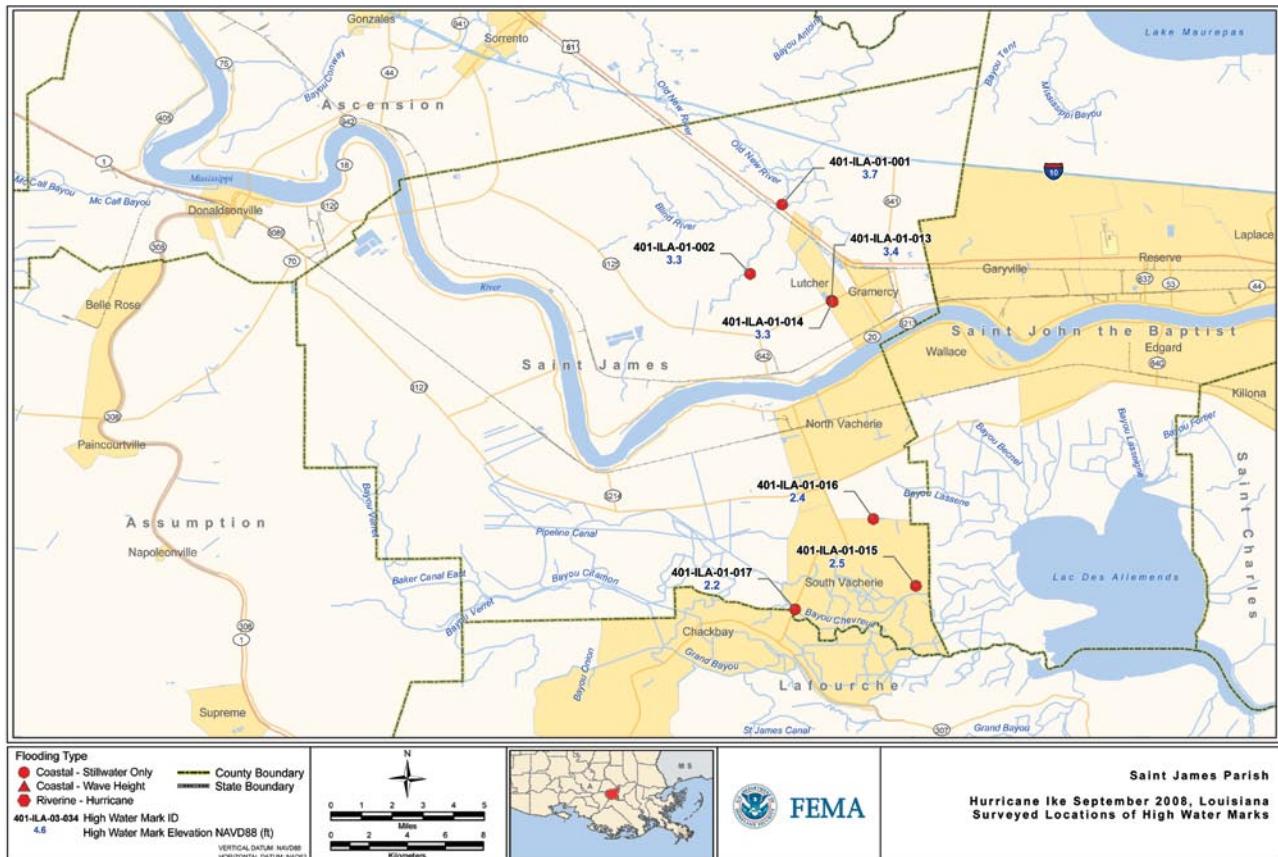
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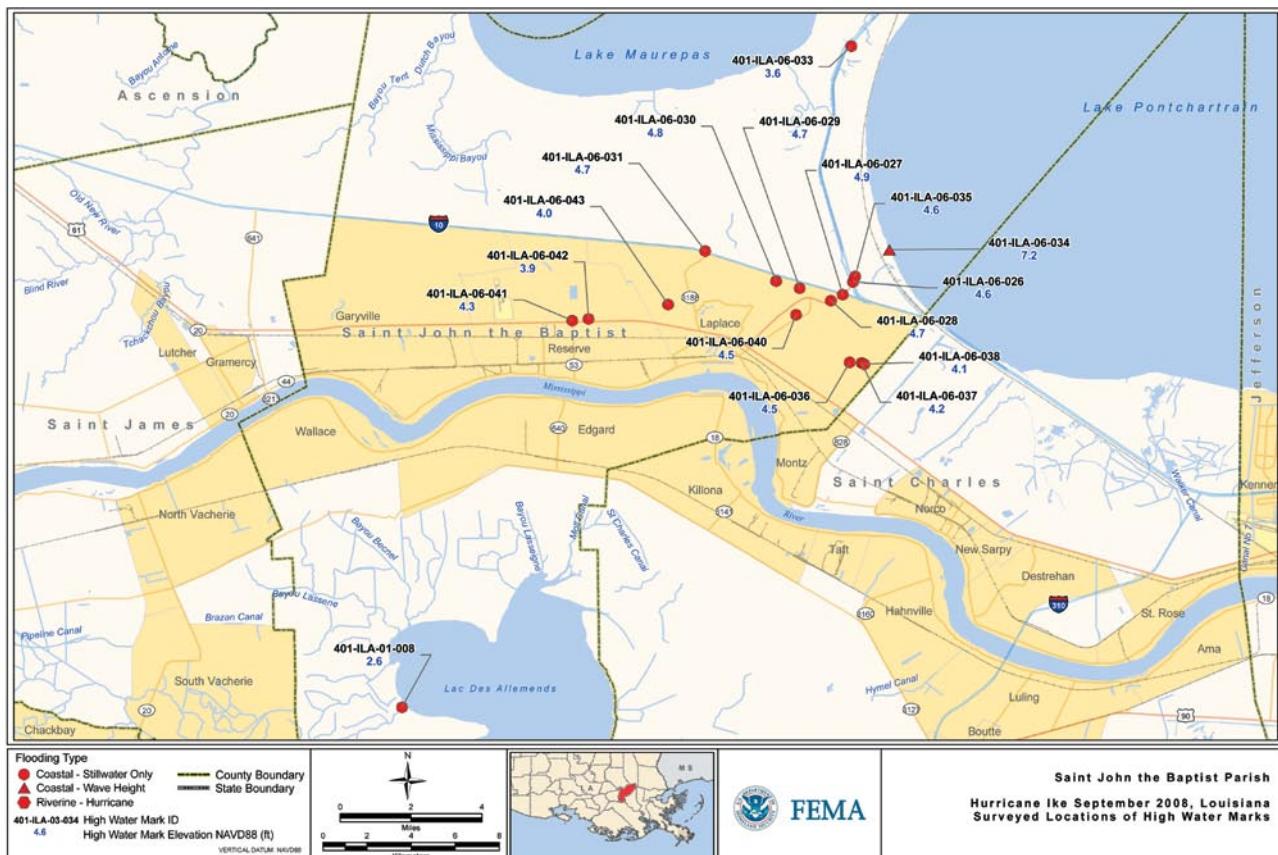


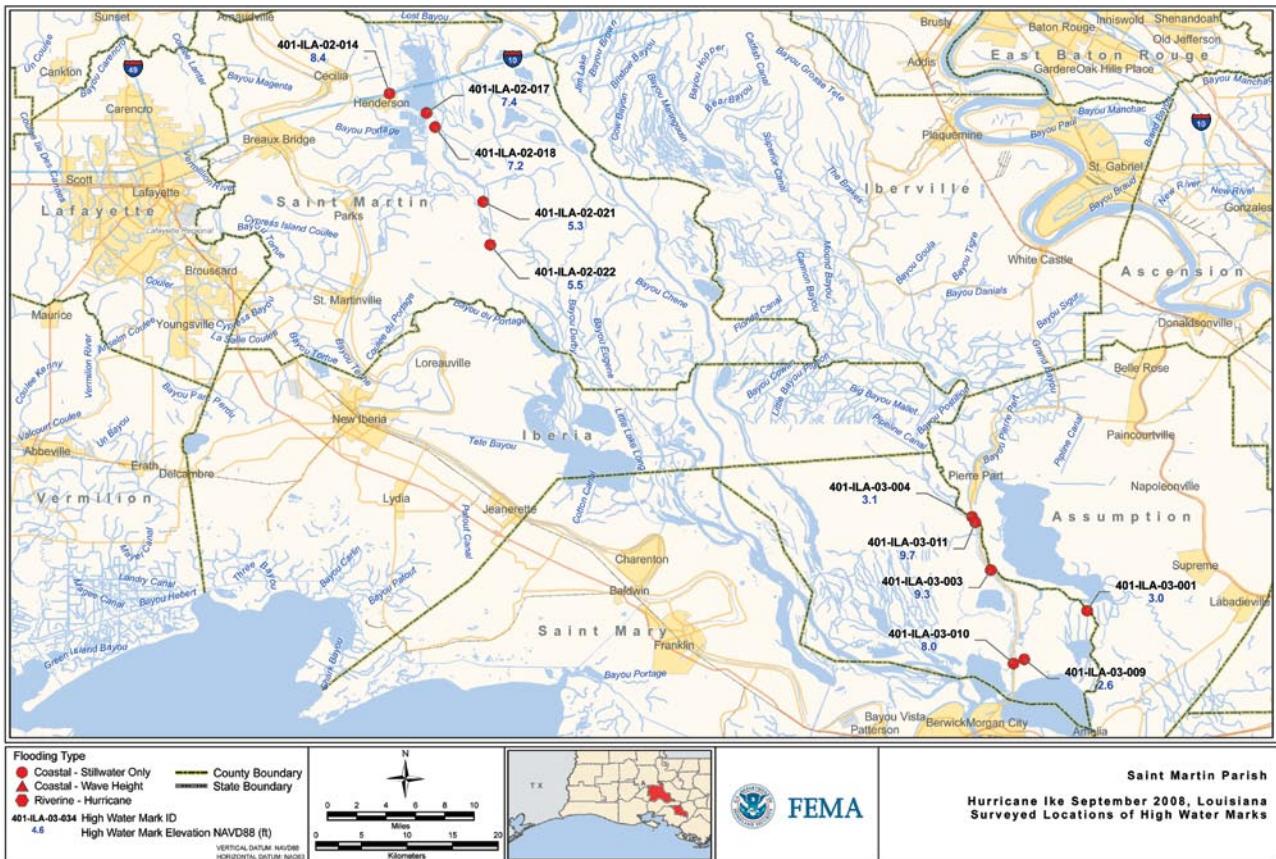
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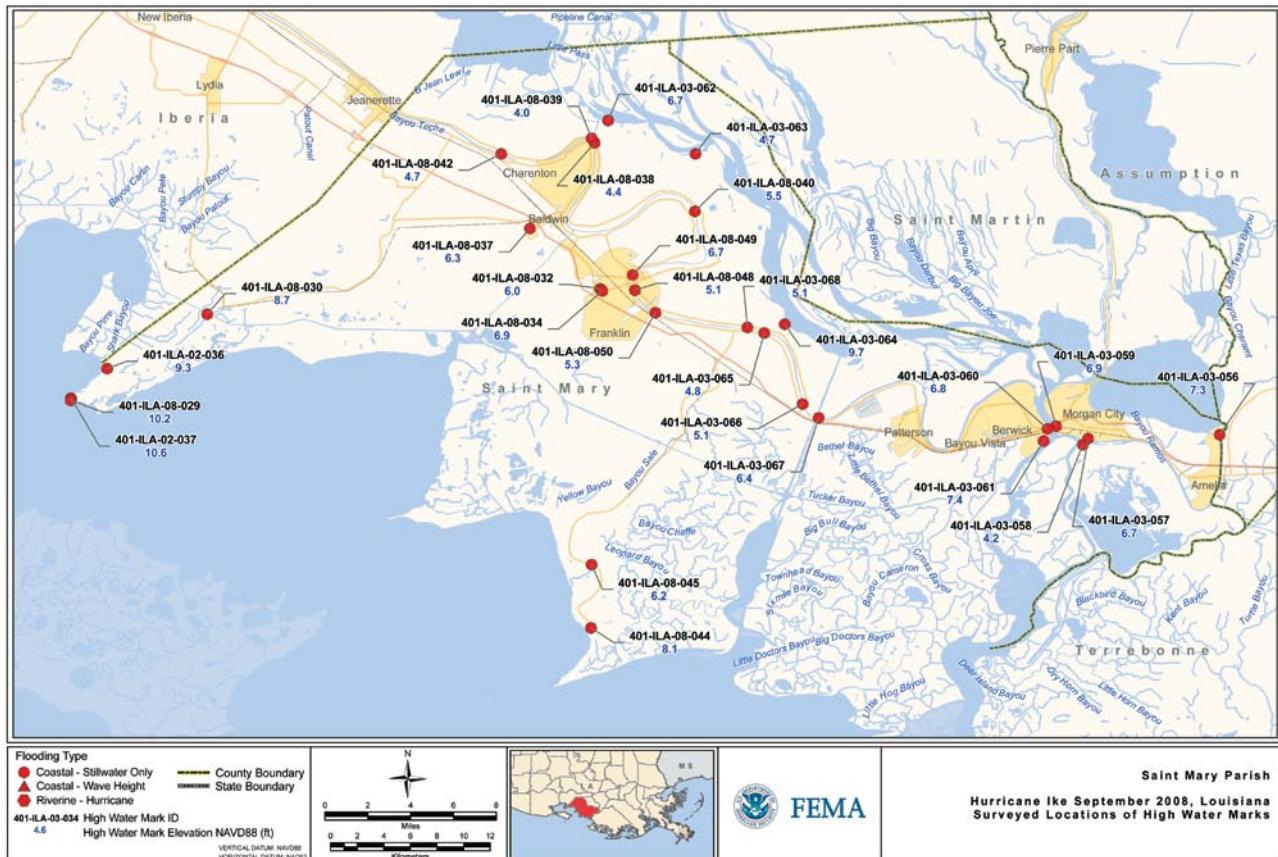


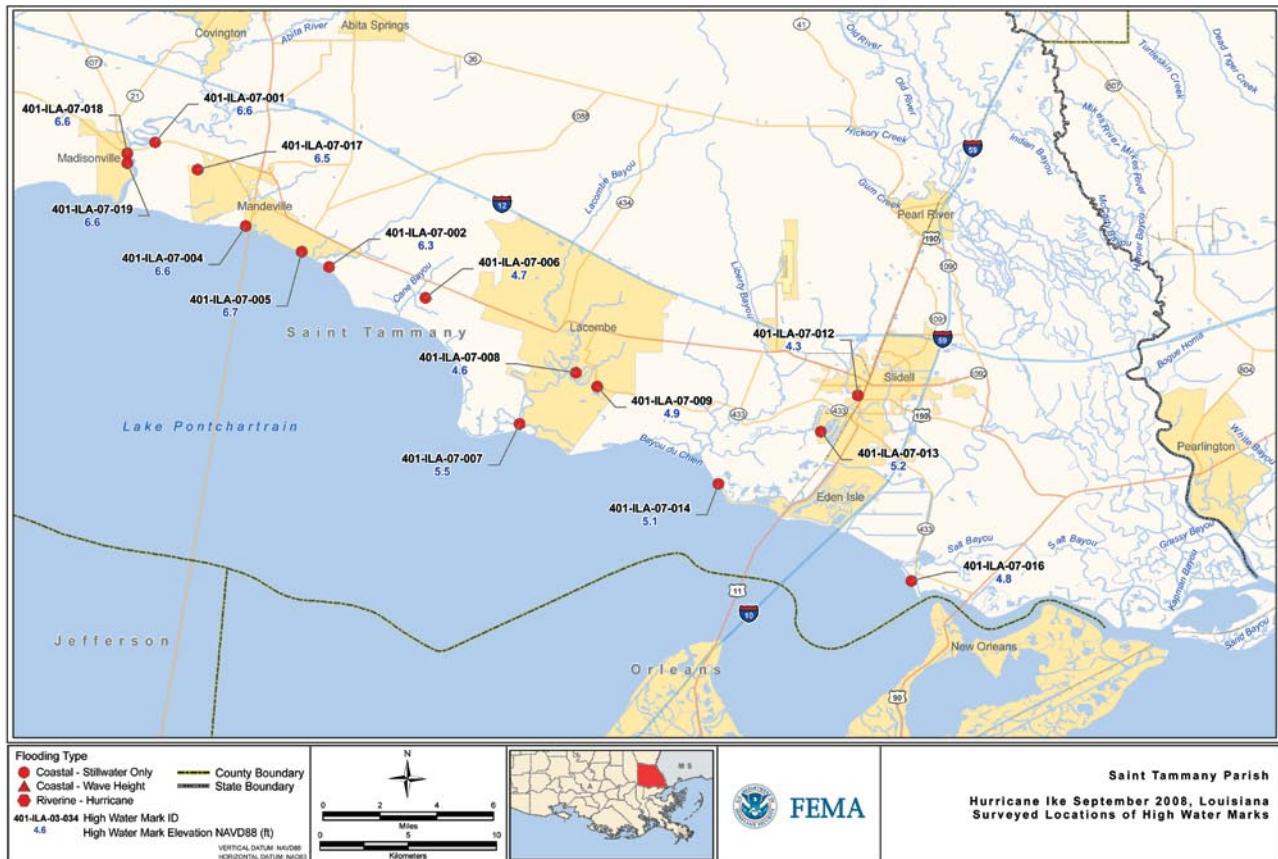
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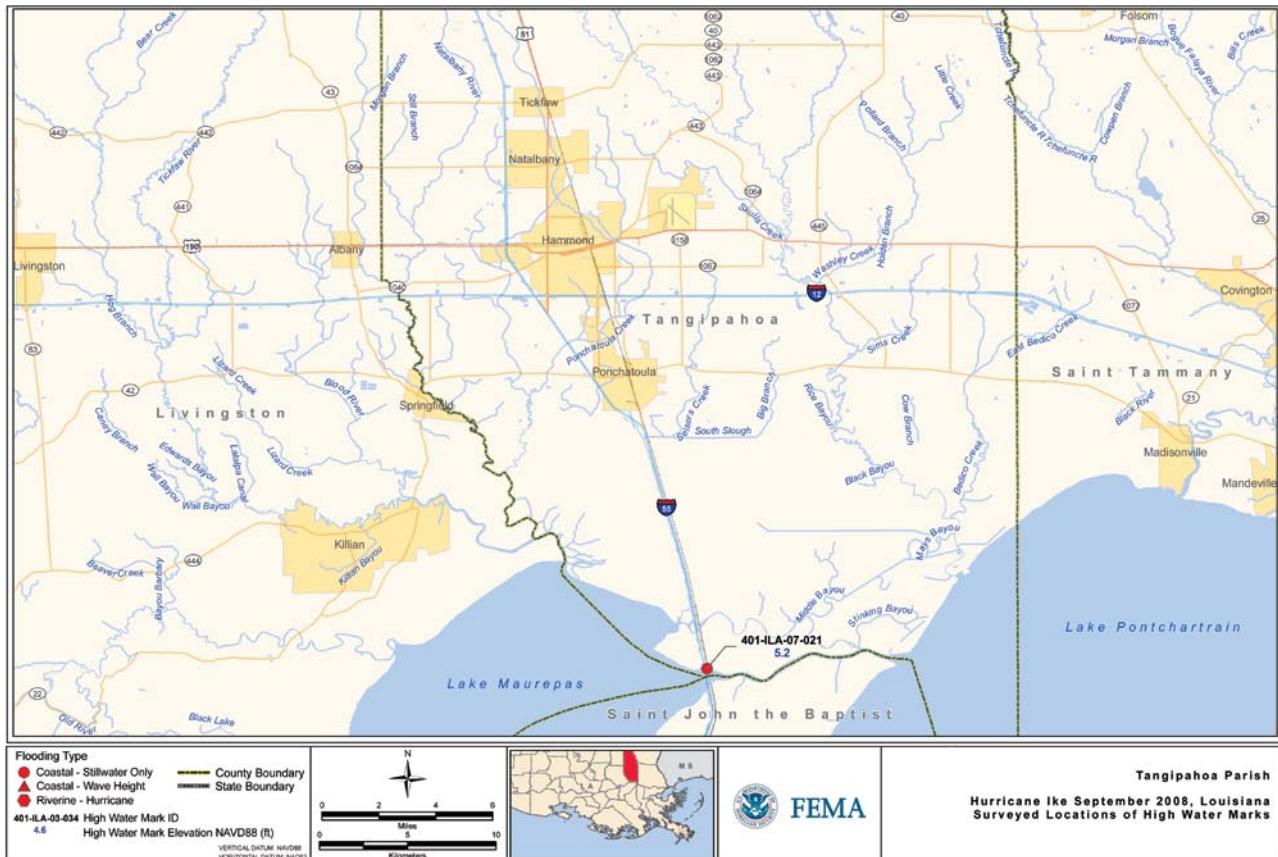


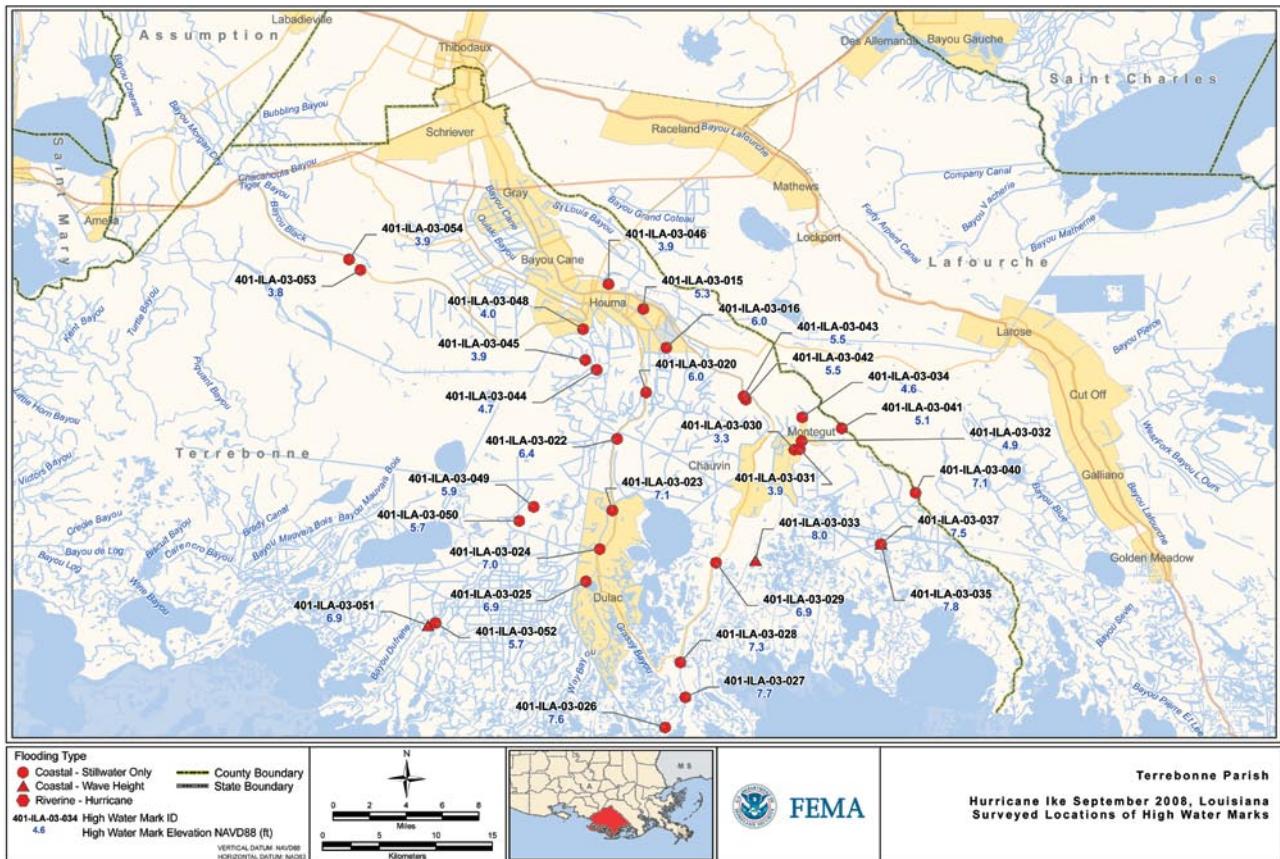
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