



E High Water Marks

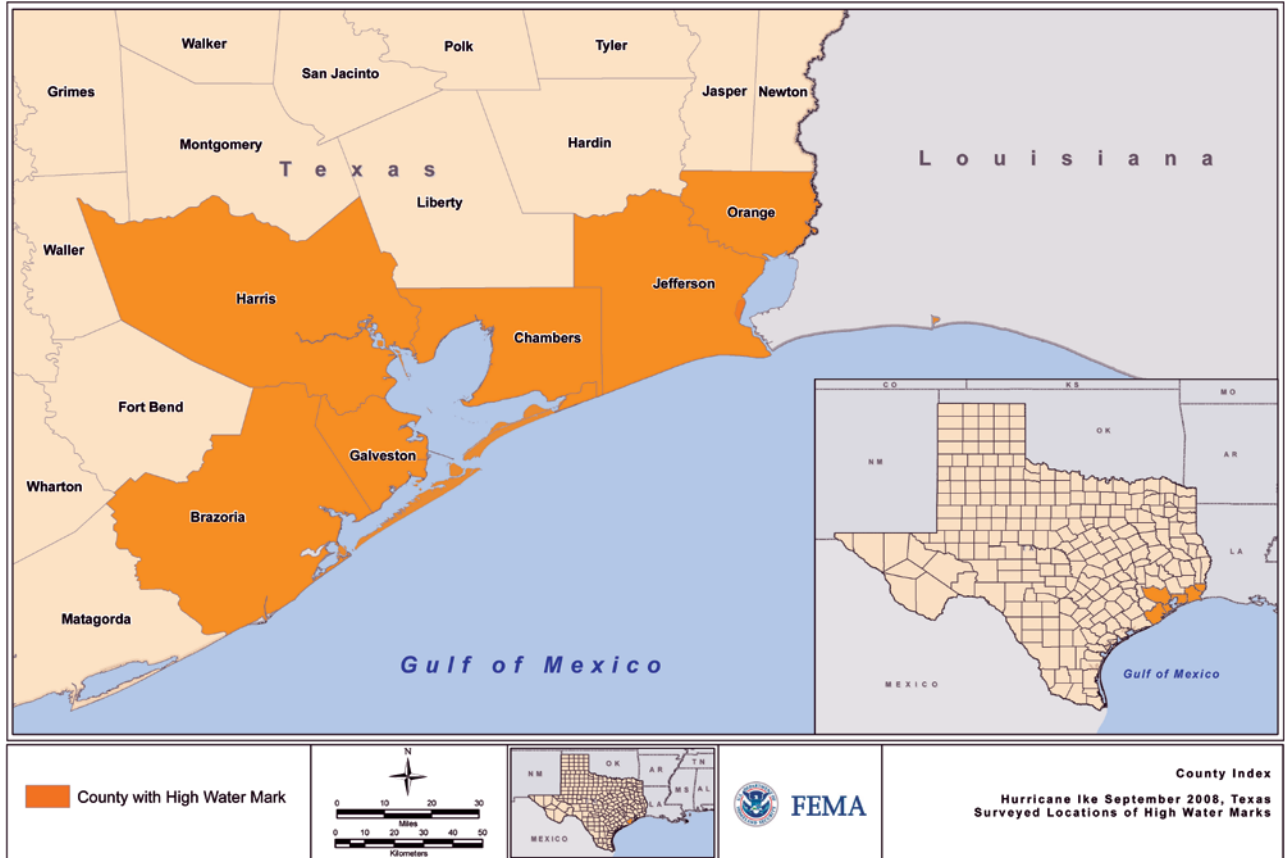
The following HWM data is taken from FEMA's Texas Hurricane Ike Rapid Response Coastal High Water Mark Collection (October 2008).

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

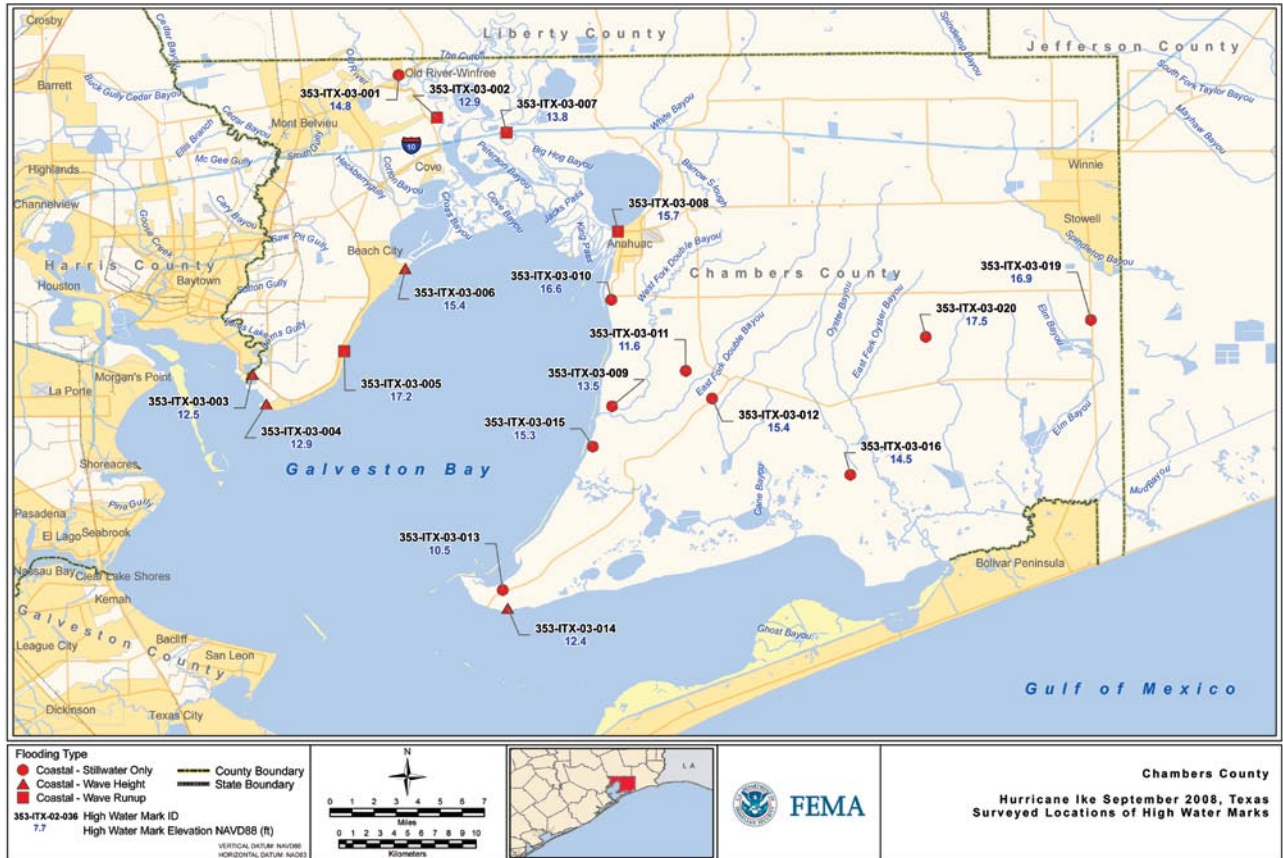
Summary of High Water Mark Survey Results					
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
353-ITX-02-005	Galveston	10.5	29.2445	-94.8743	Coastal - Stillwater Only
353-ITX-02-006	Galveston	14.2	29.4726	-94.5955	Coastal - Wave Height
353-ITX-02-007	Galveston	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

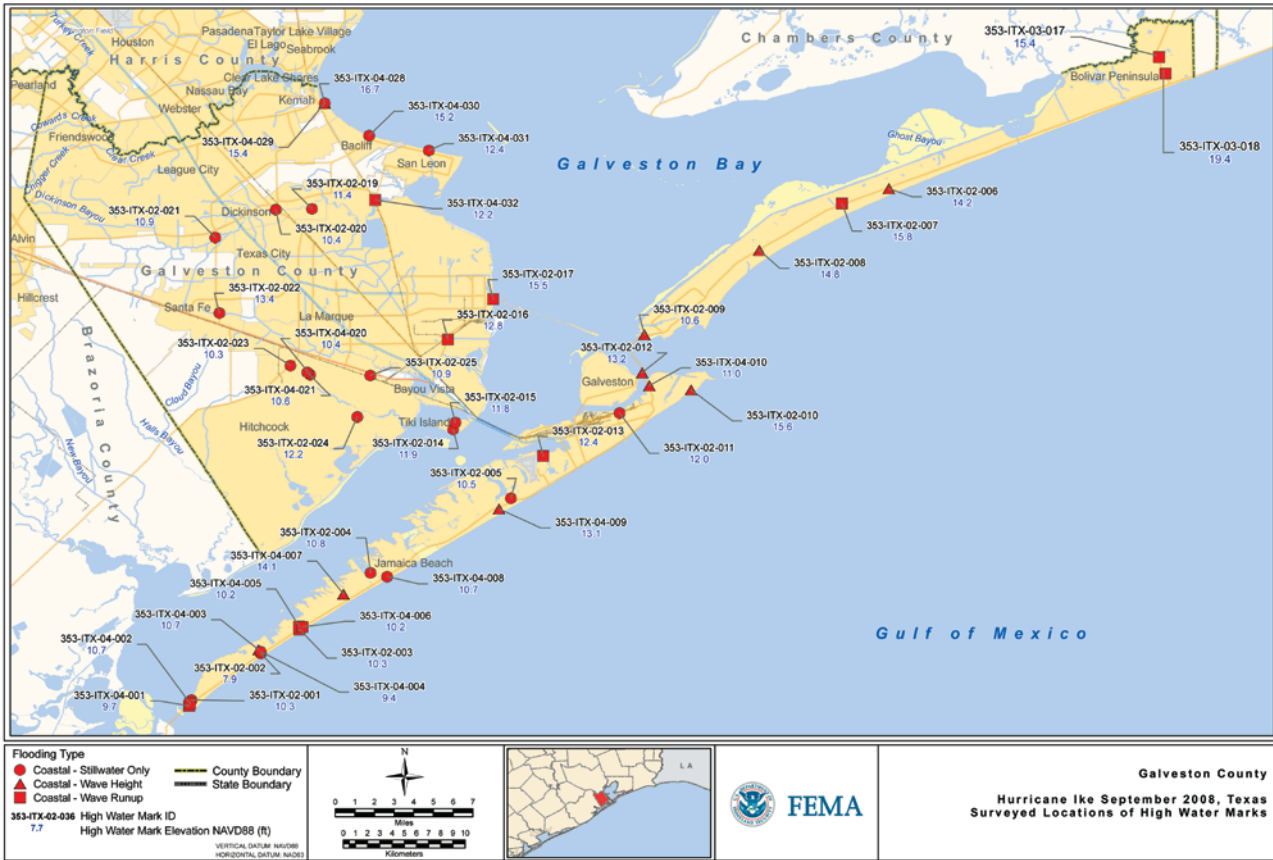


E HIGH WATER MARKS



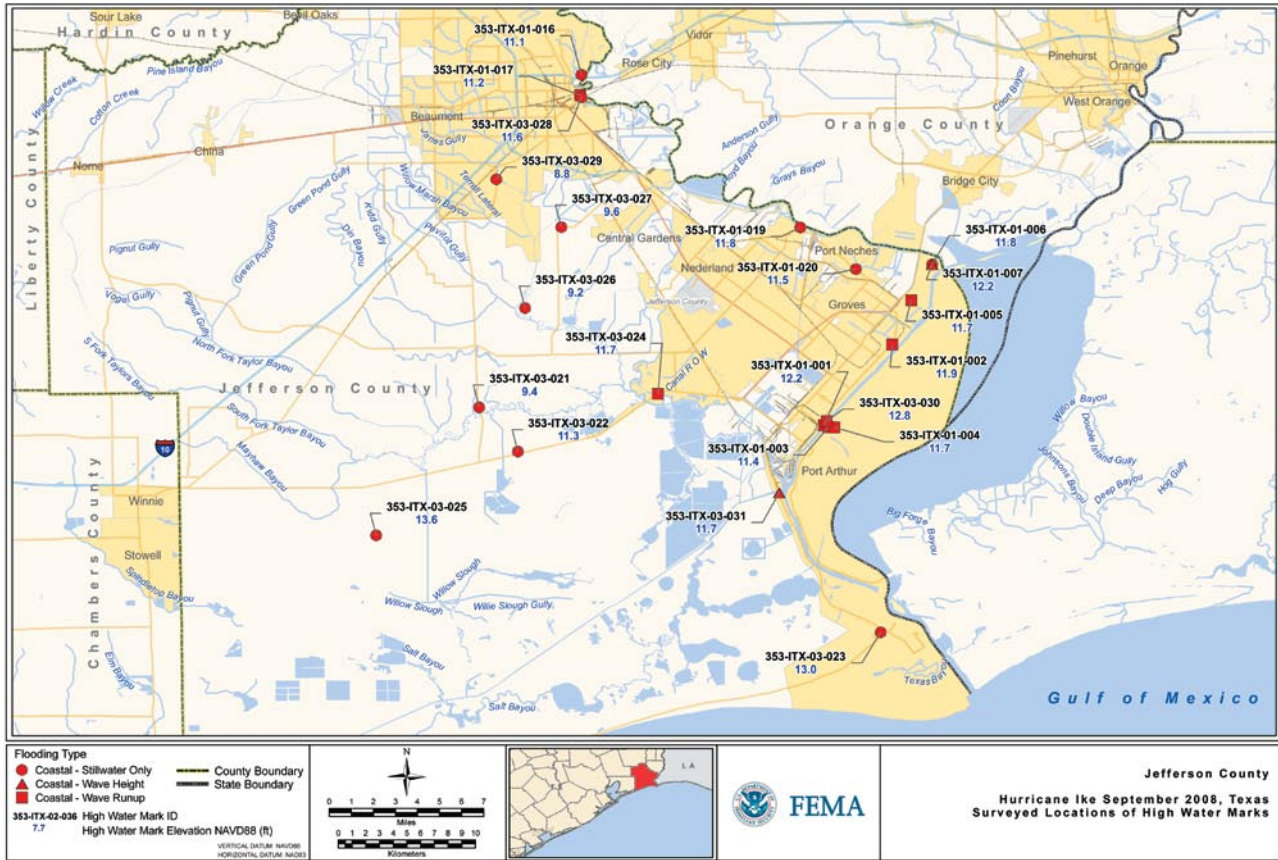


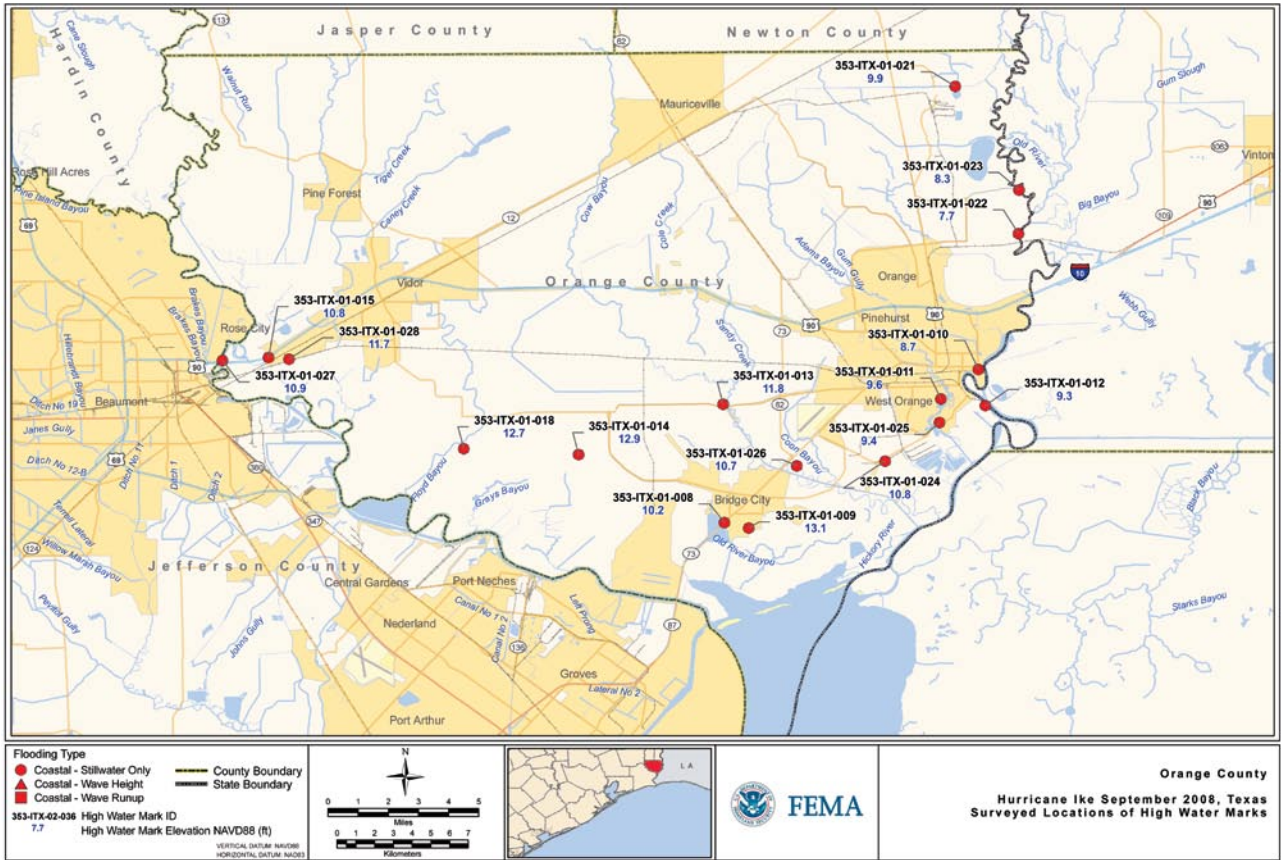
E HIGH WATER MARKS





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

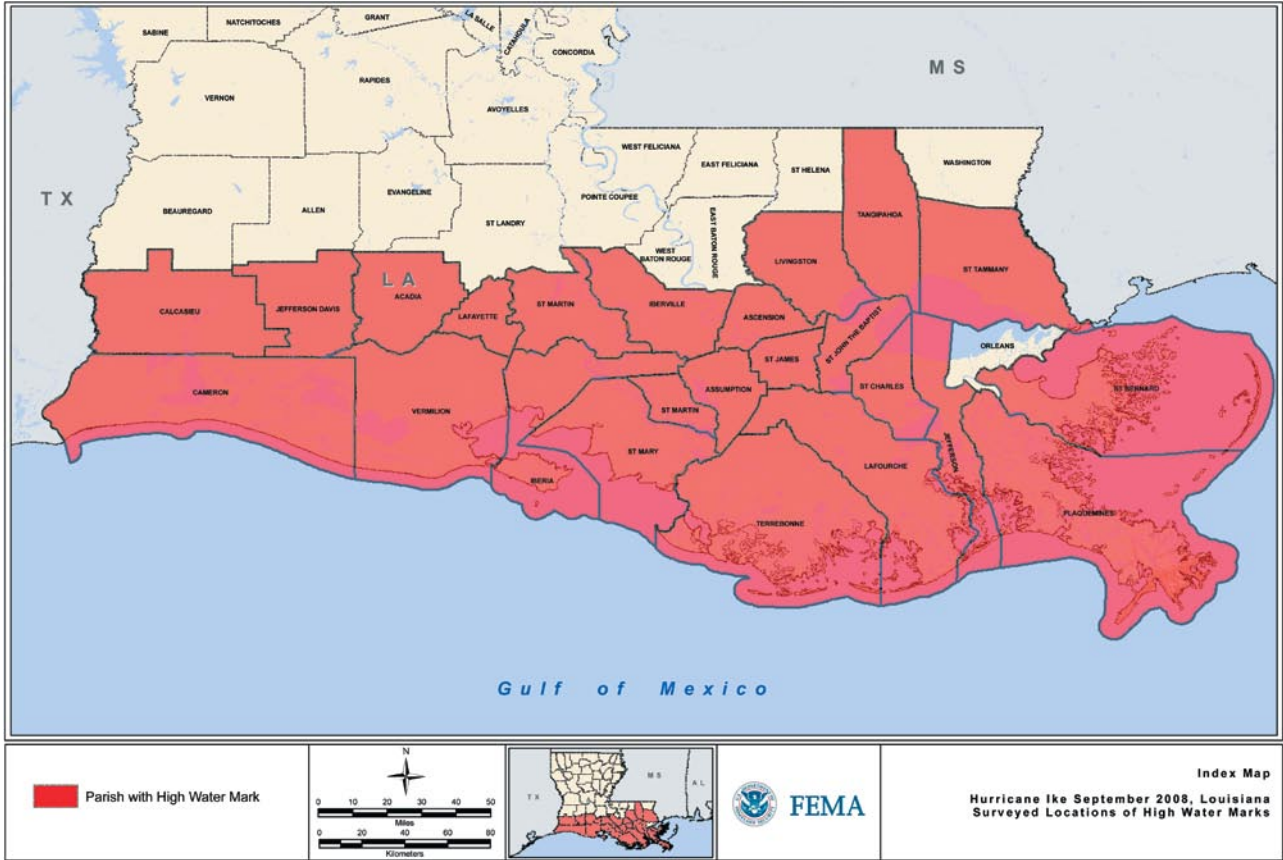
Summary of High Water Mark Survey Results					
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
401-ILA-02-038	Iberia	8.9	29.8265	-91.8081	Coastal - Stillwater Only
401-ILA-02-039	Iberia	5.1	29.9145	-91.6622	Coastal - Stillwater Only
401-ILA-02-040	Iberia	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

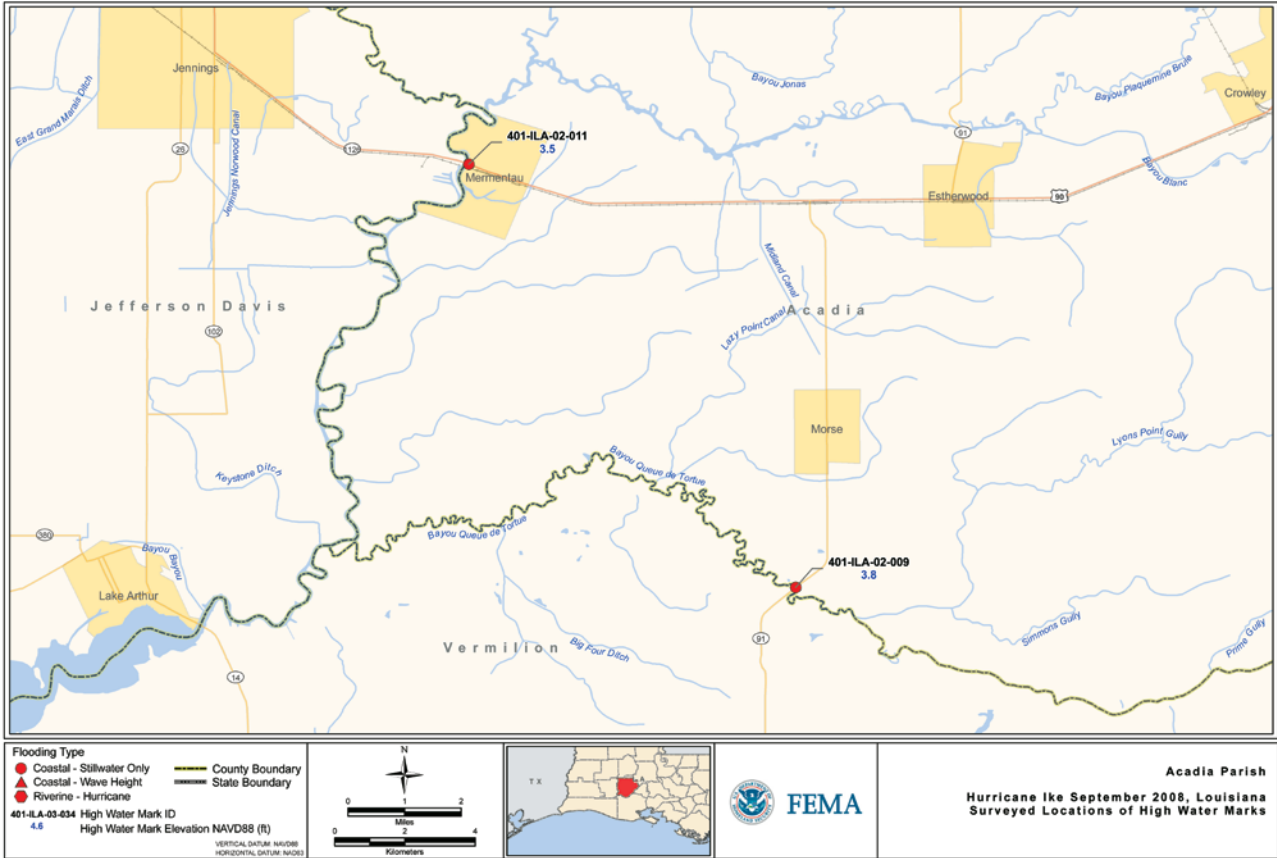
Summary of High Water Mark Survey Results					
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
401-ILA-06-040	St. John The Baptist	4.5	30.0802	-90.4611	Coastal - Stillwater Only
401-ILA-06-041	St. John The Baptist	4.3	30.0779	-90.5525	Coastal - Stillwater 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

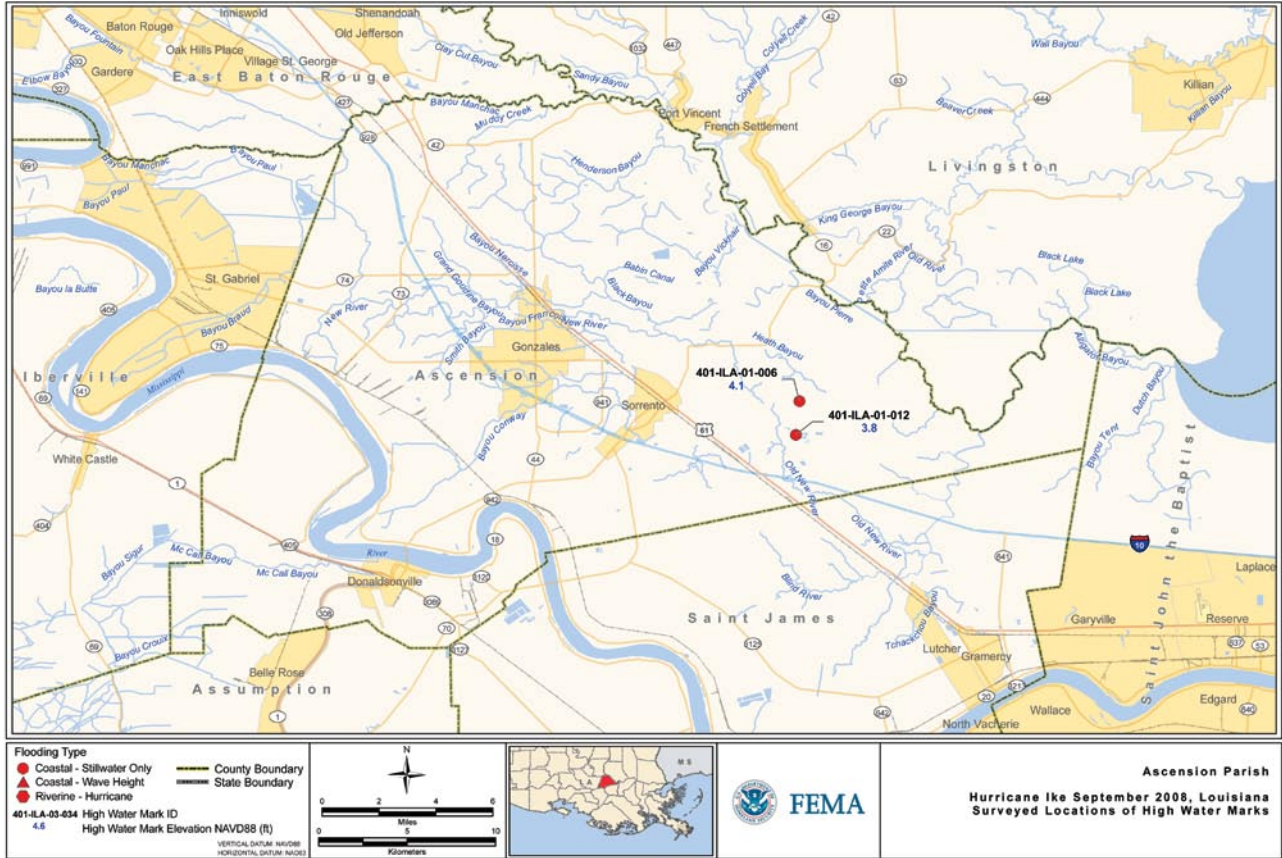
Summary of High Water Mark Survey Results					
HWM ID	Parish	Surveyed Elevation (feet) NAVD 88	Surveyed Latitude	Surveyed Longitude	Flood Type
401-ILA-07-006	St. Tammany	4.7	30.3291	-90.0044	Coastal - Stillwater Only
401-ILA-07-007	St. Tammany	5.5	30.2651	-89.9565	Coastal - Stillwater Only
401-ILA-07-008	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

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

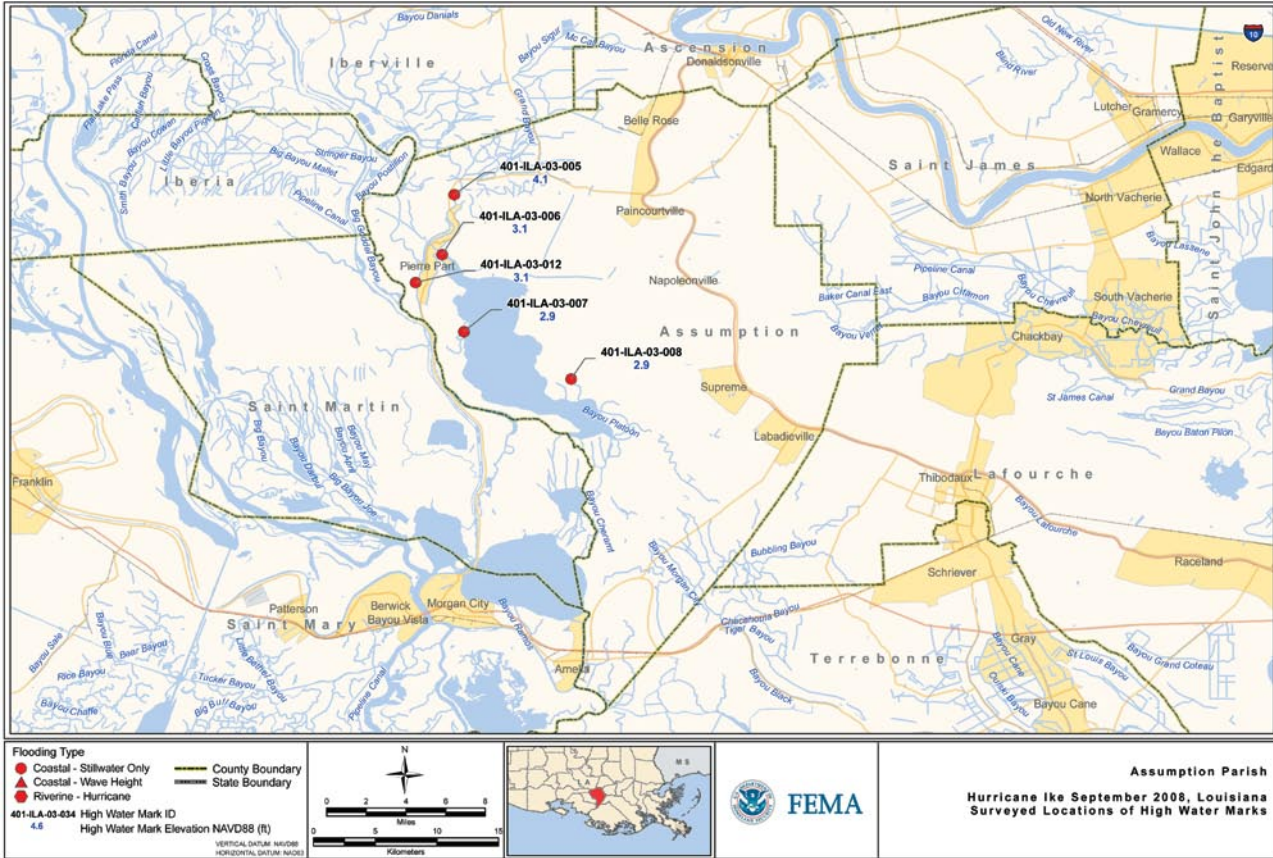


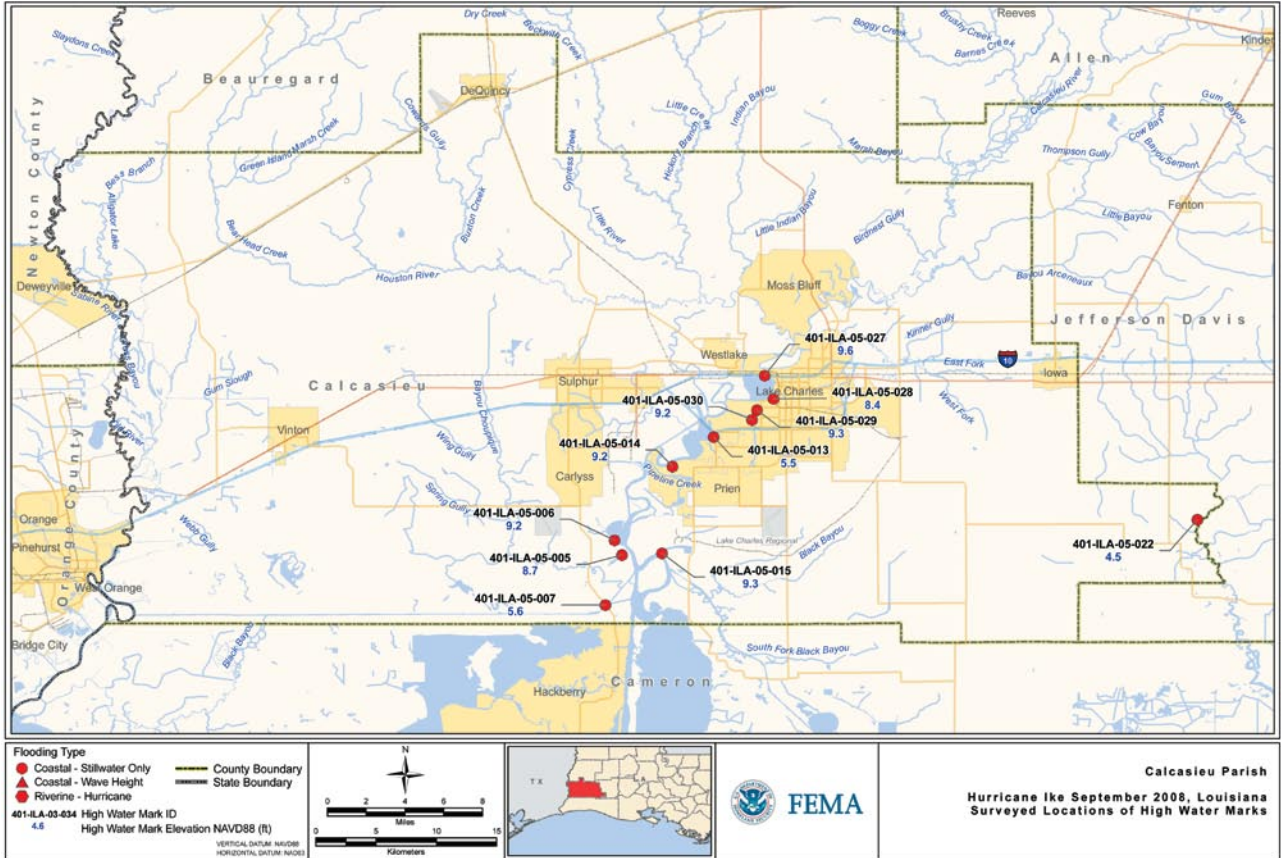
E HIGH WATER MARKS



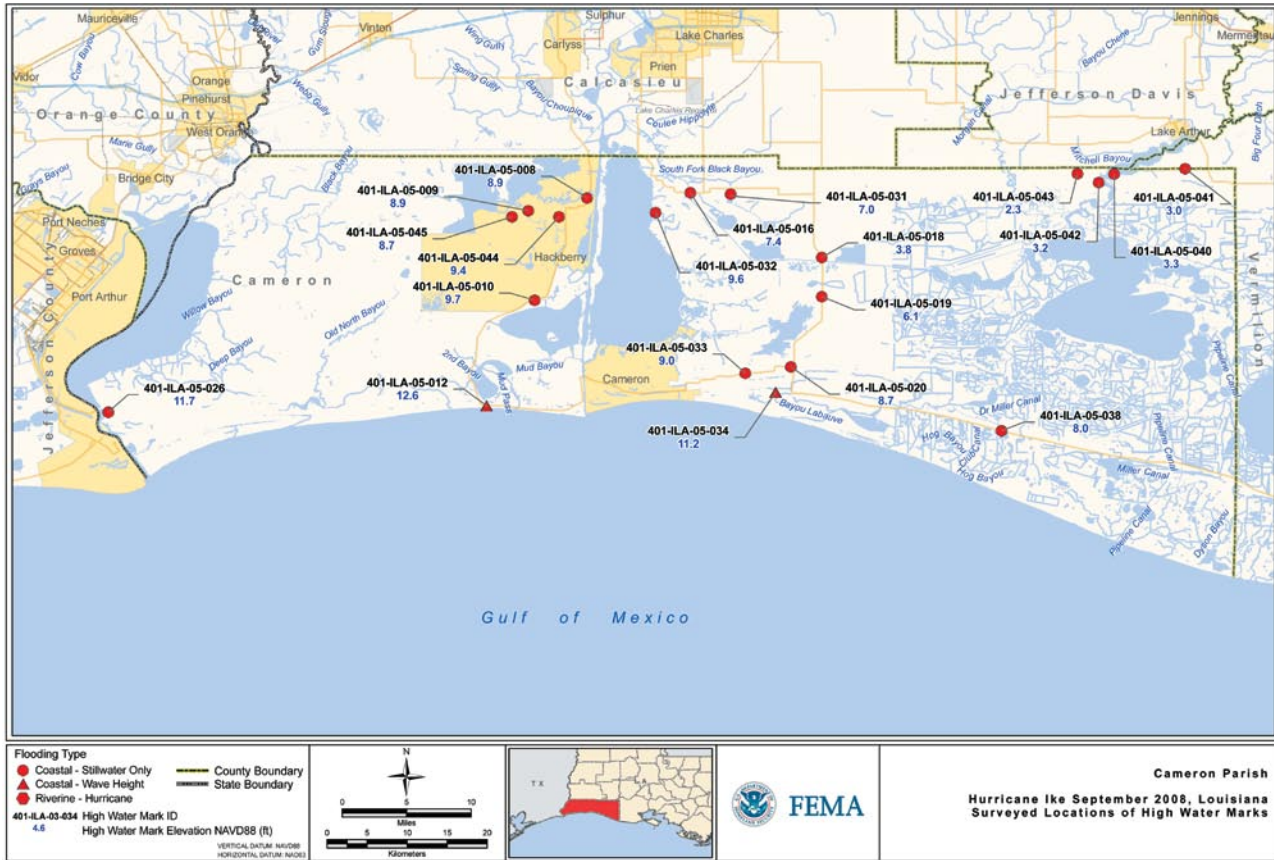


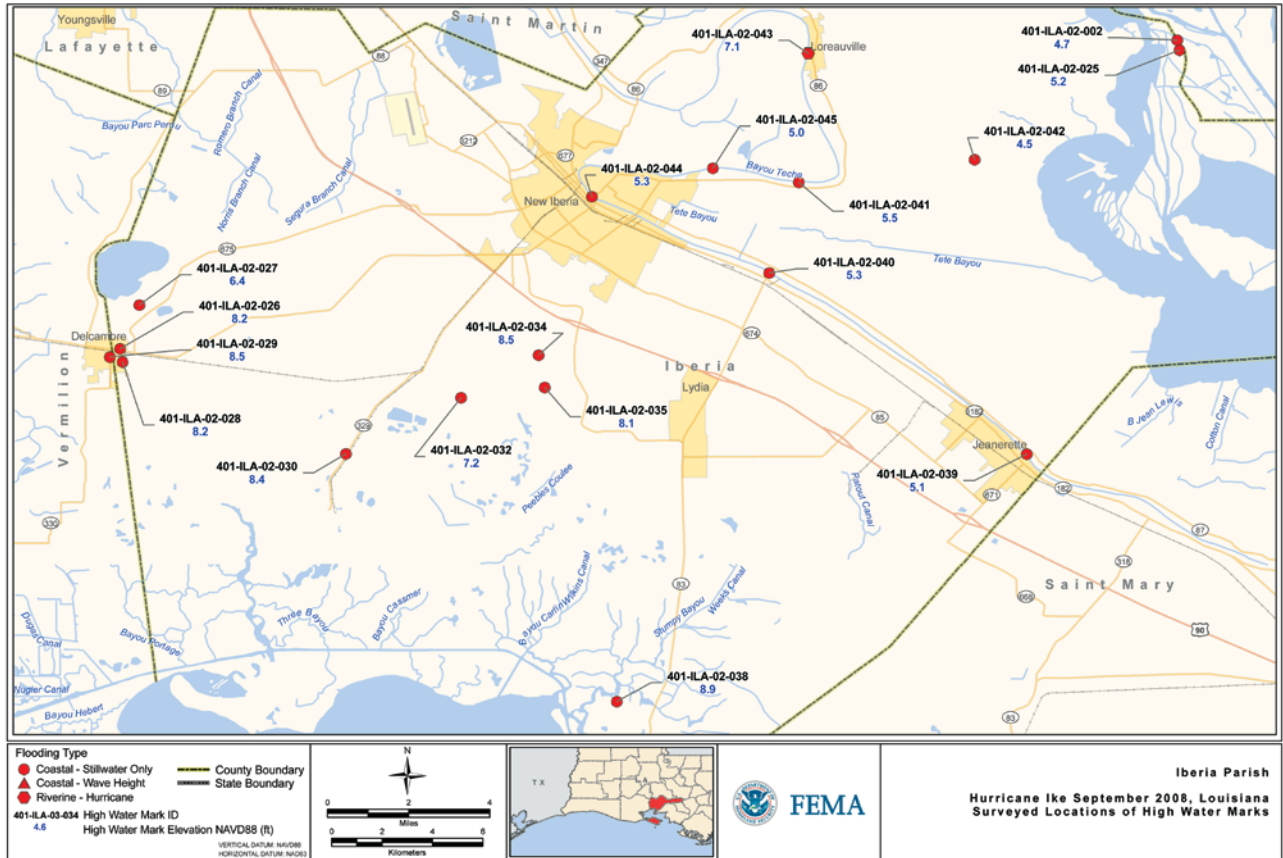
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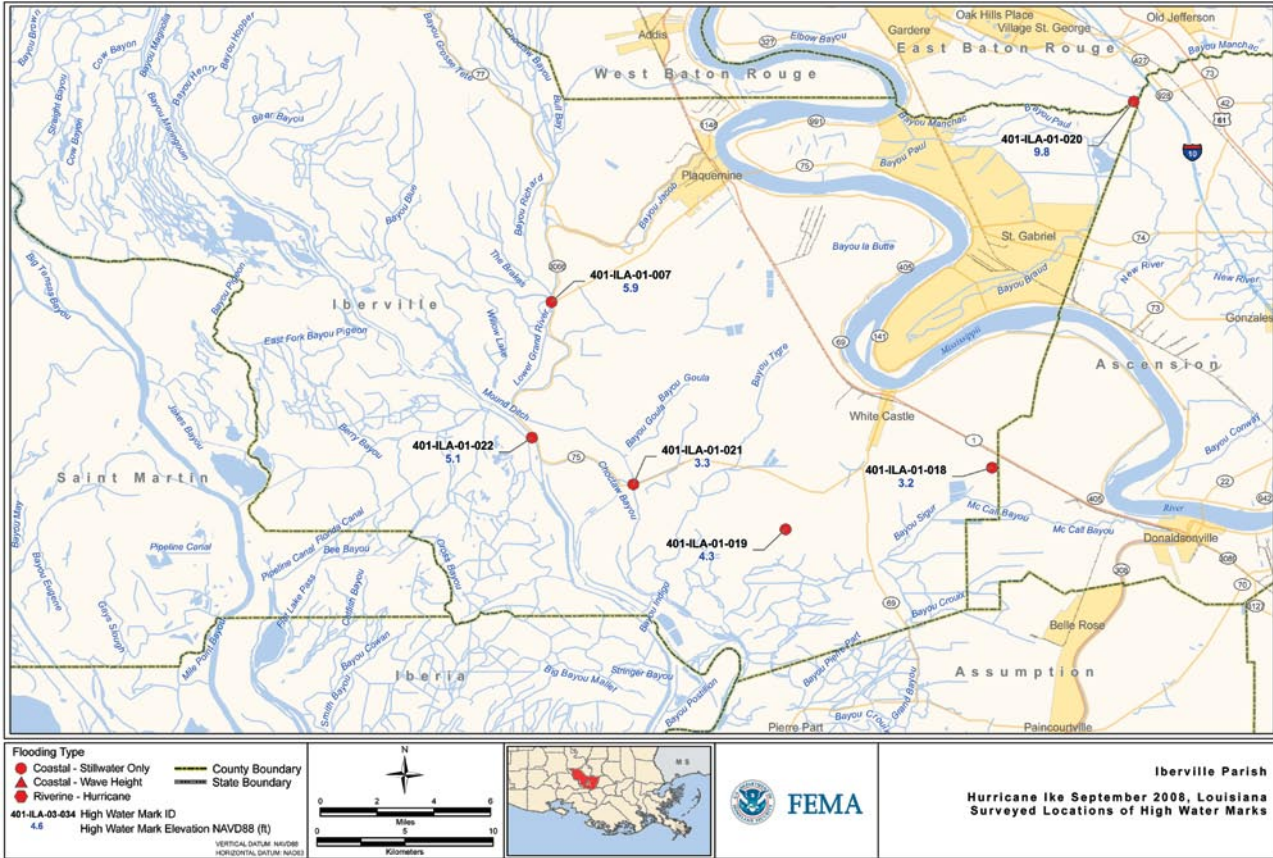


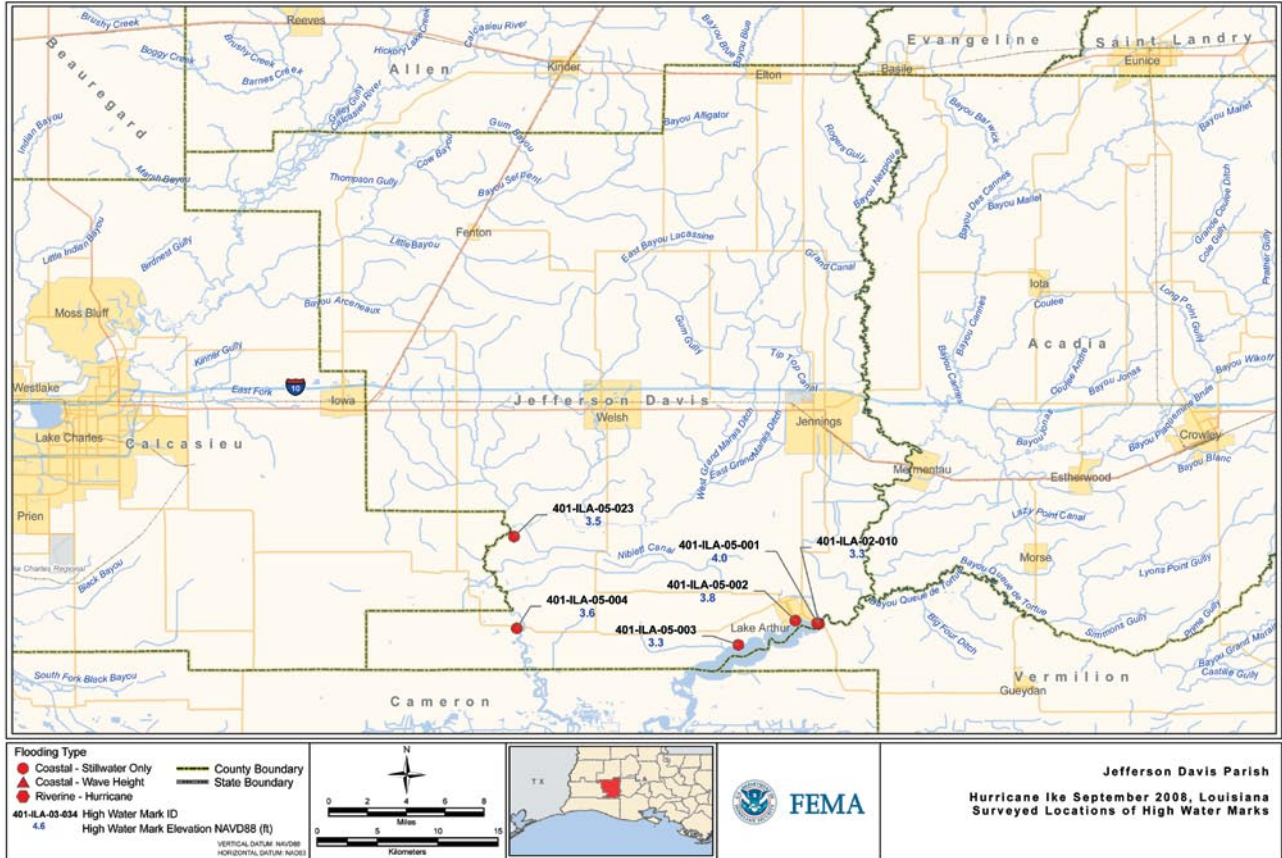
E HIGH WATER MARKS



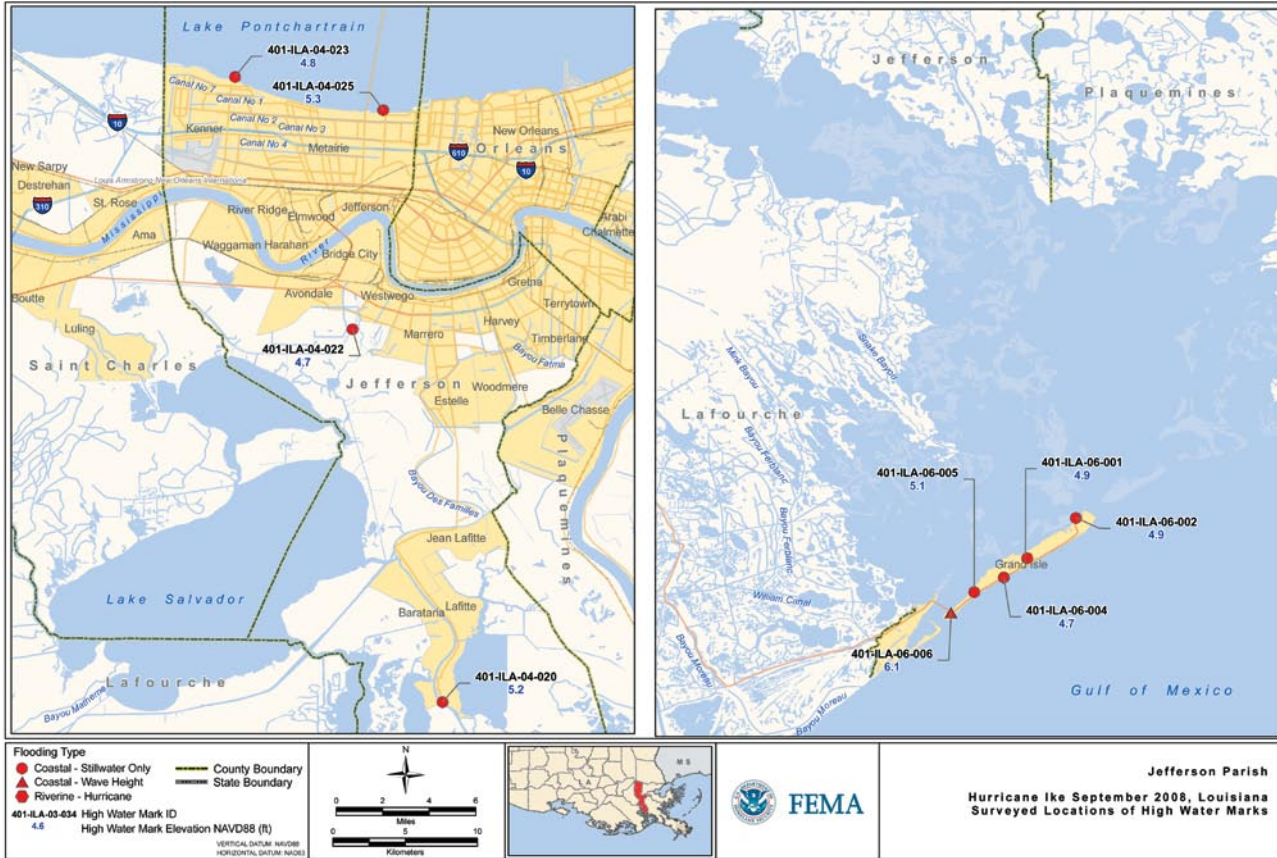


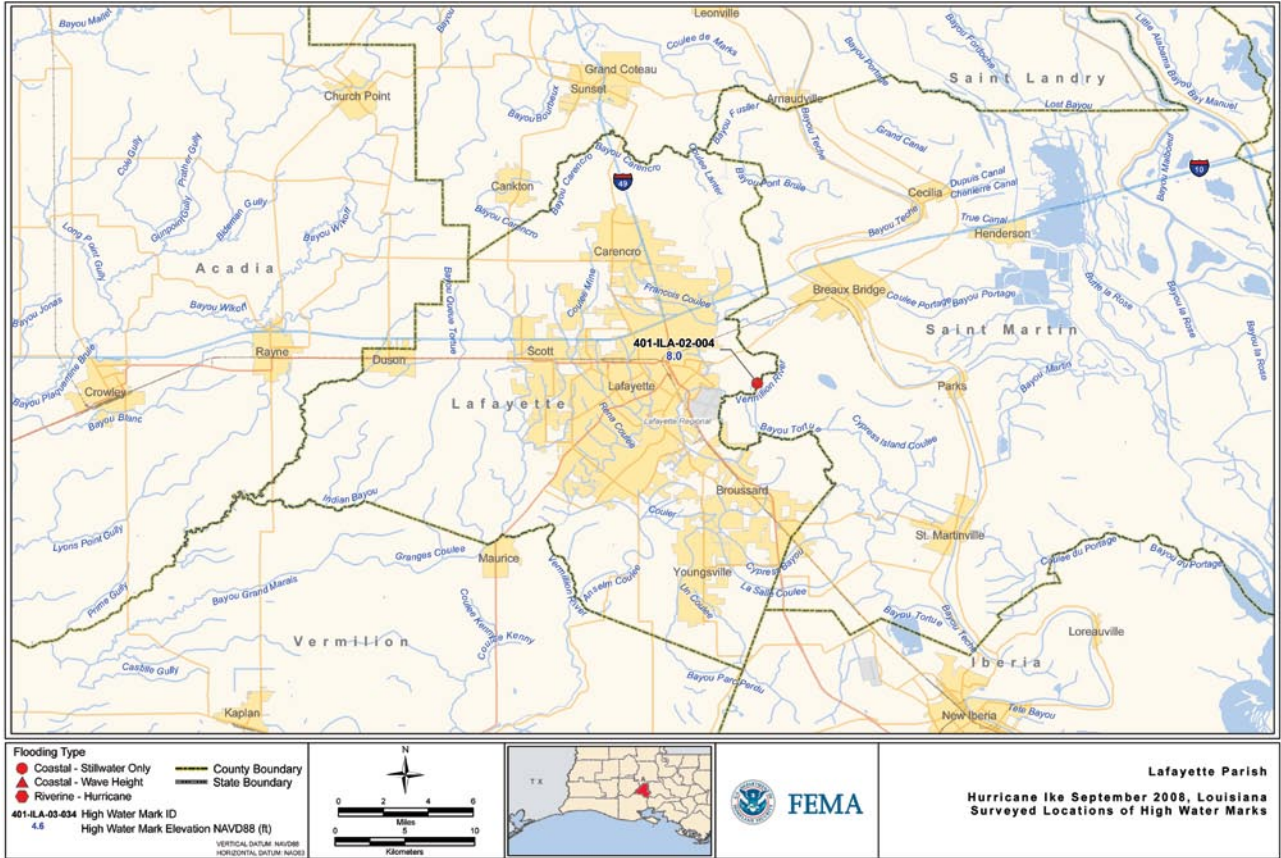
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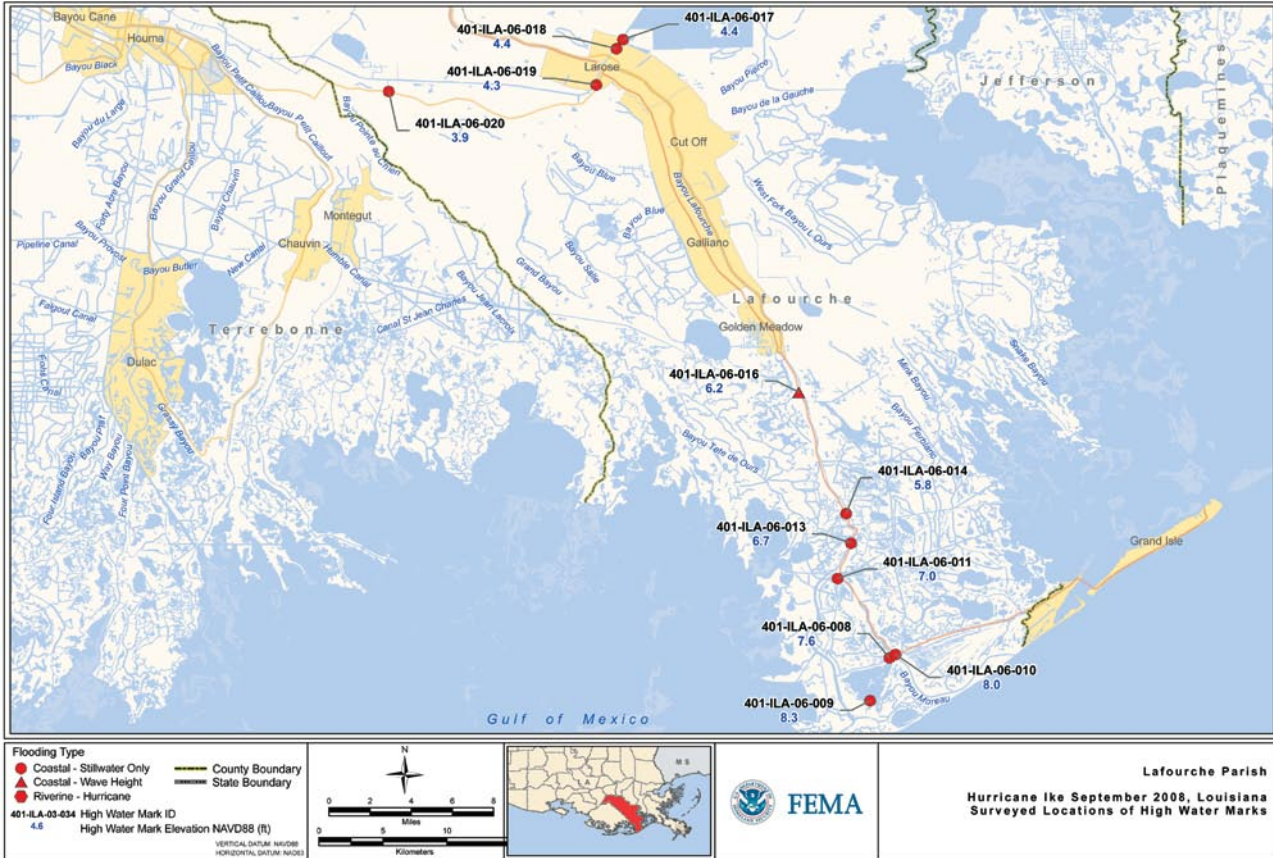


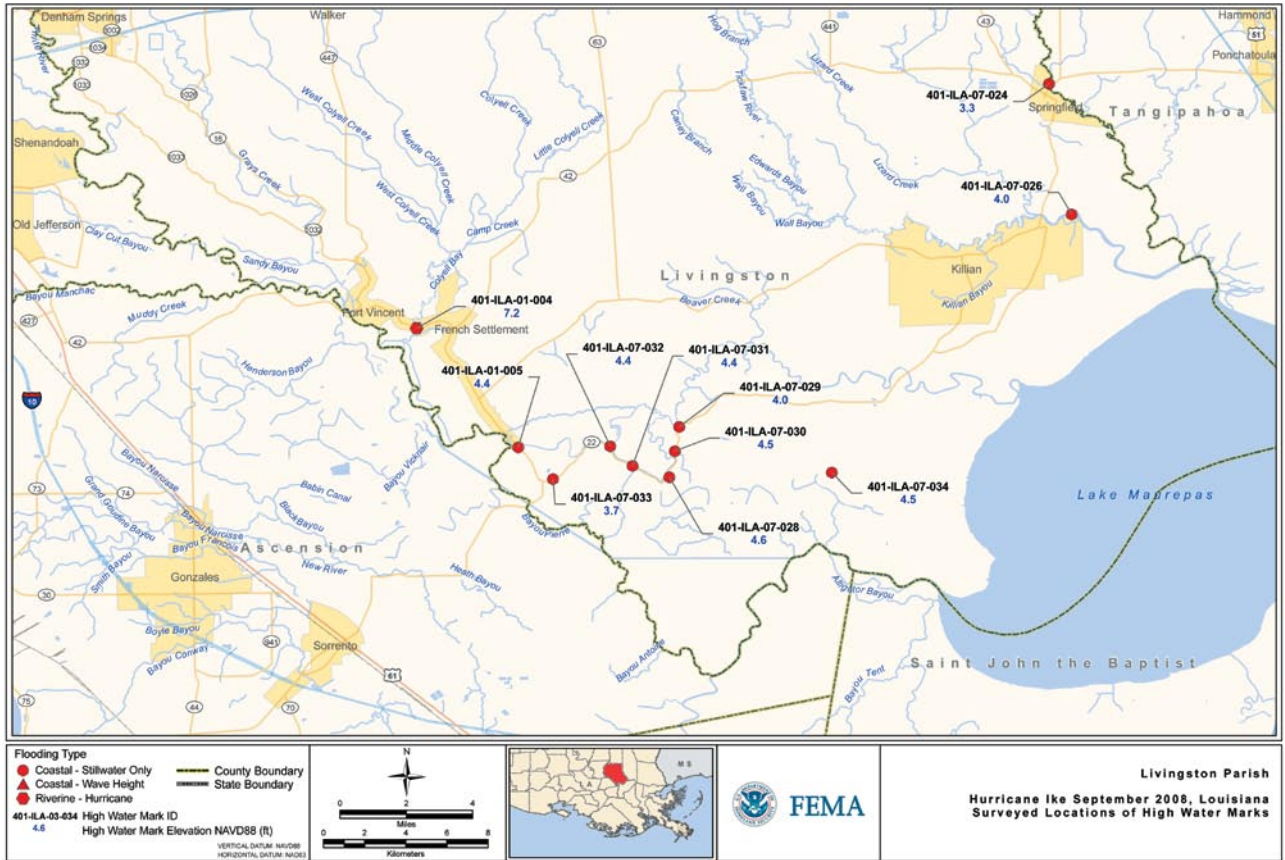
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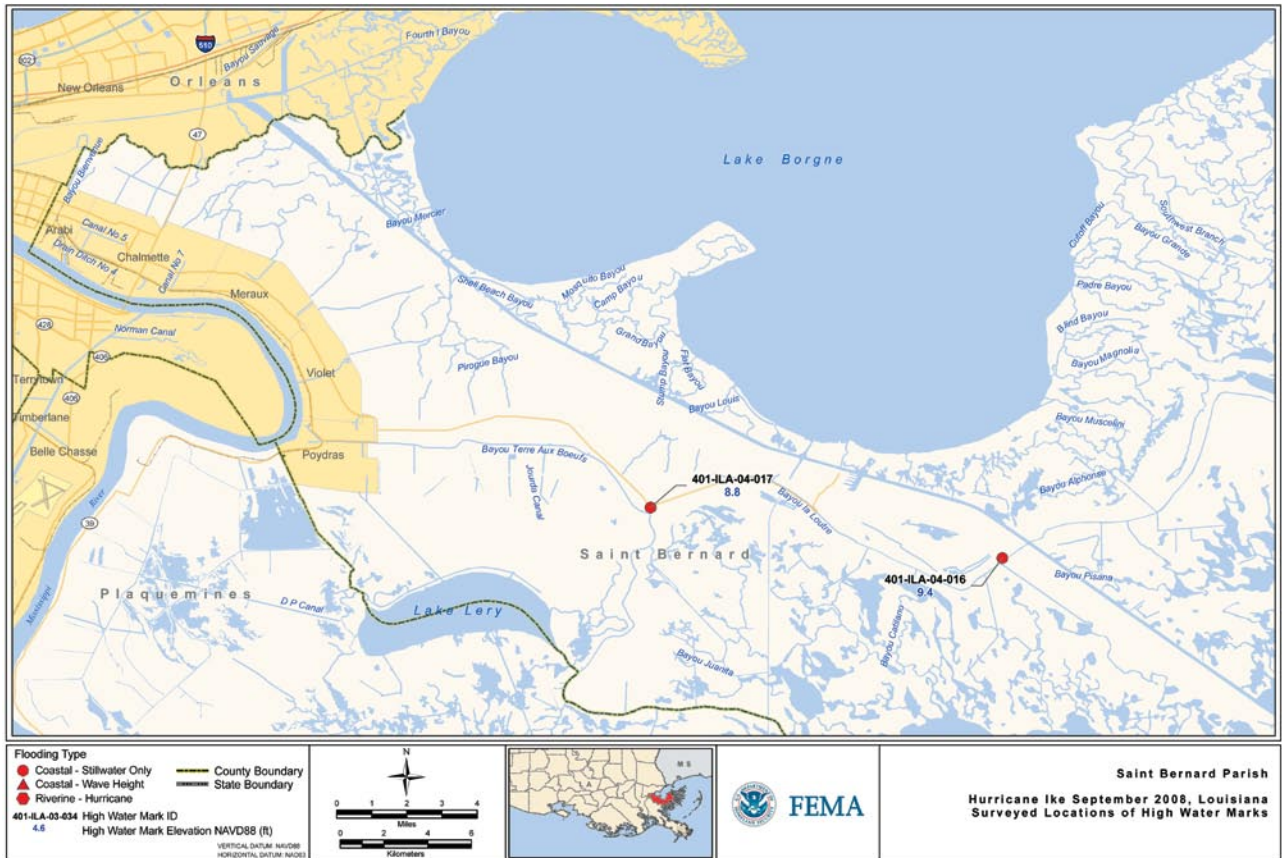
E HIGH WATER MARKS



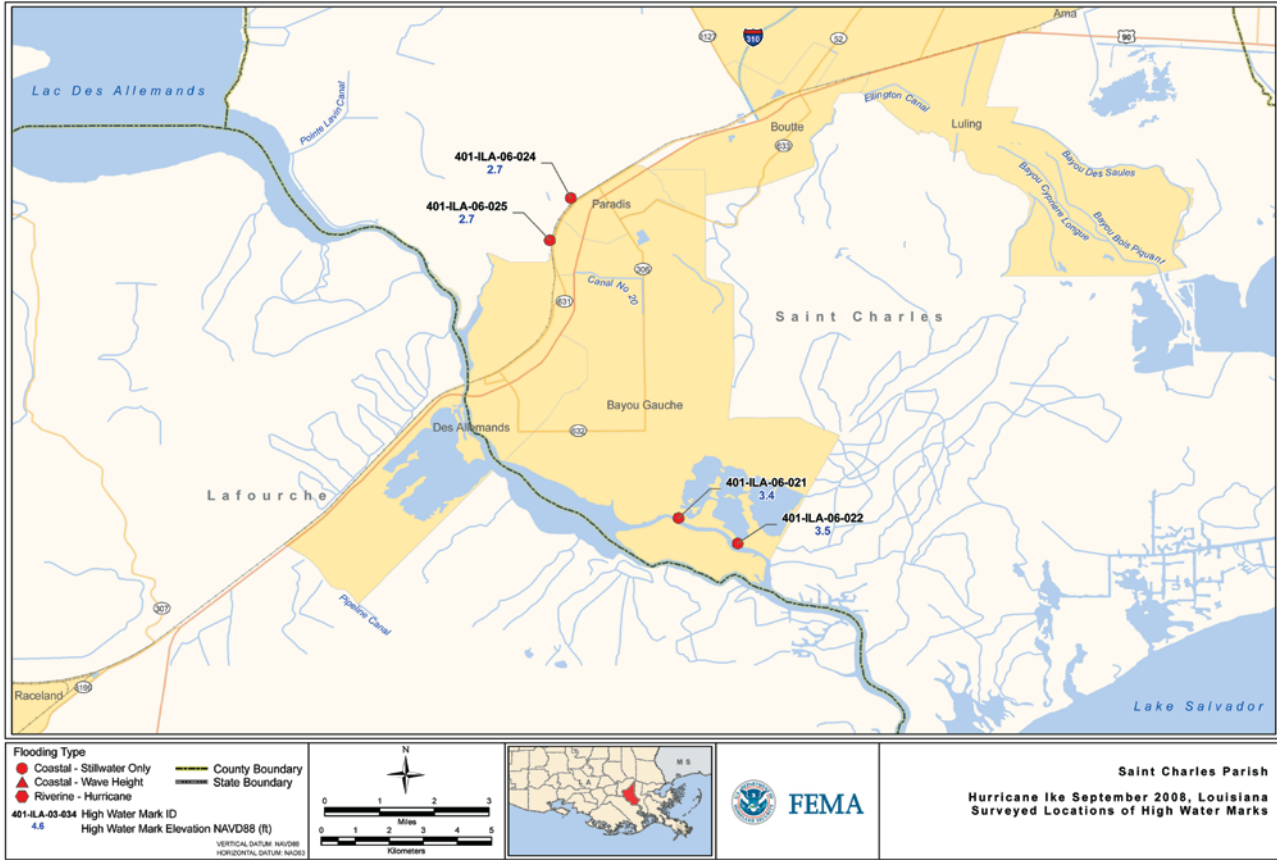


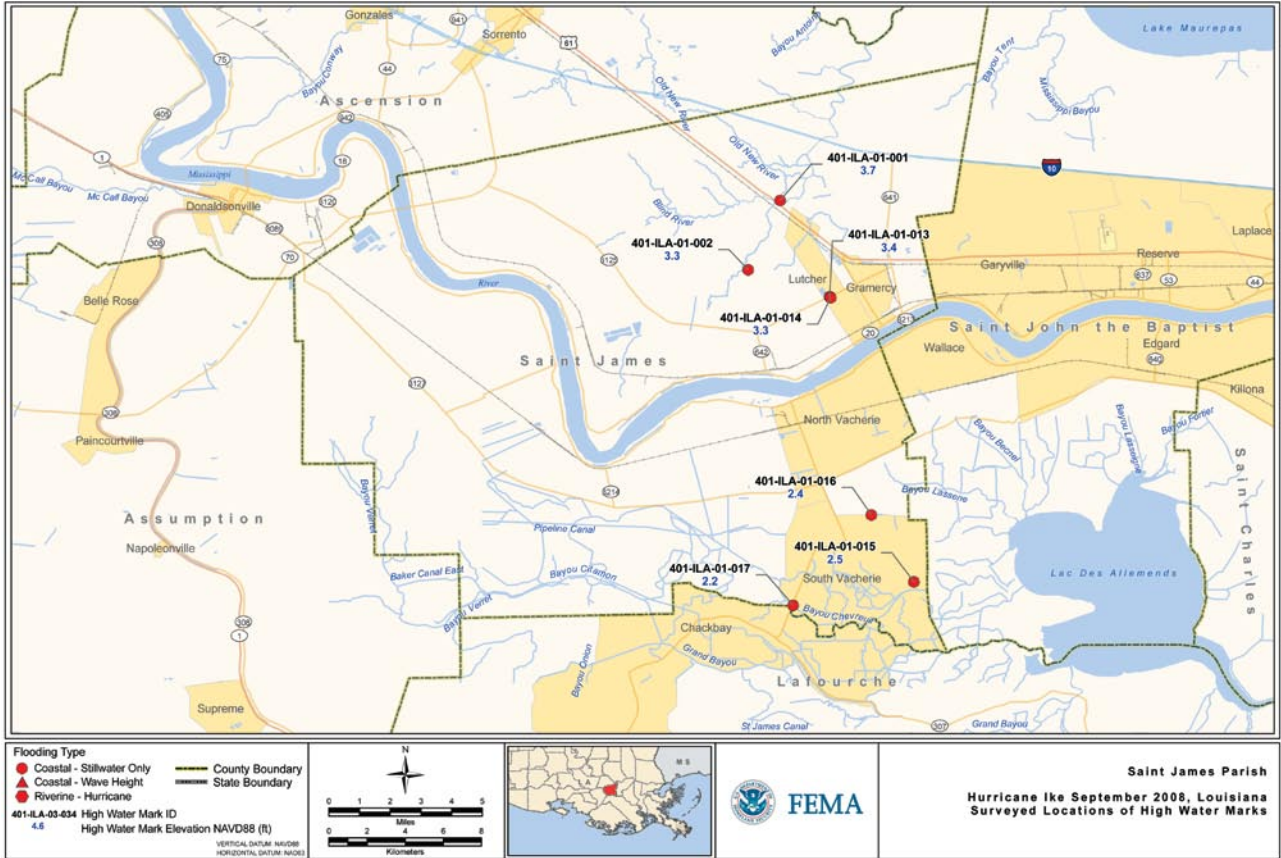
E HIGH WATER MARKS



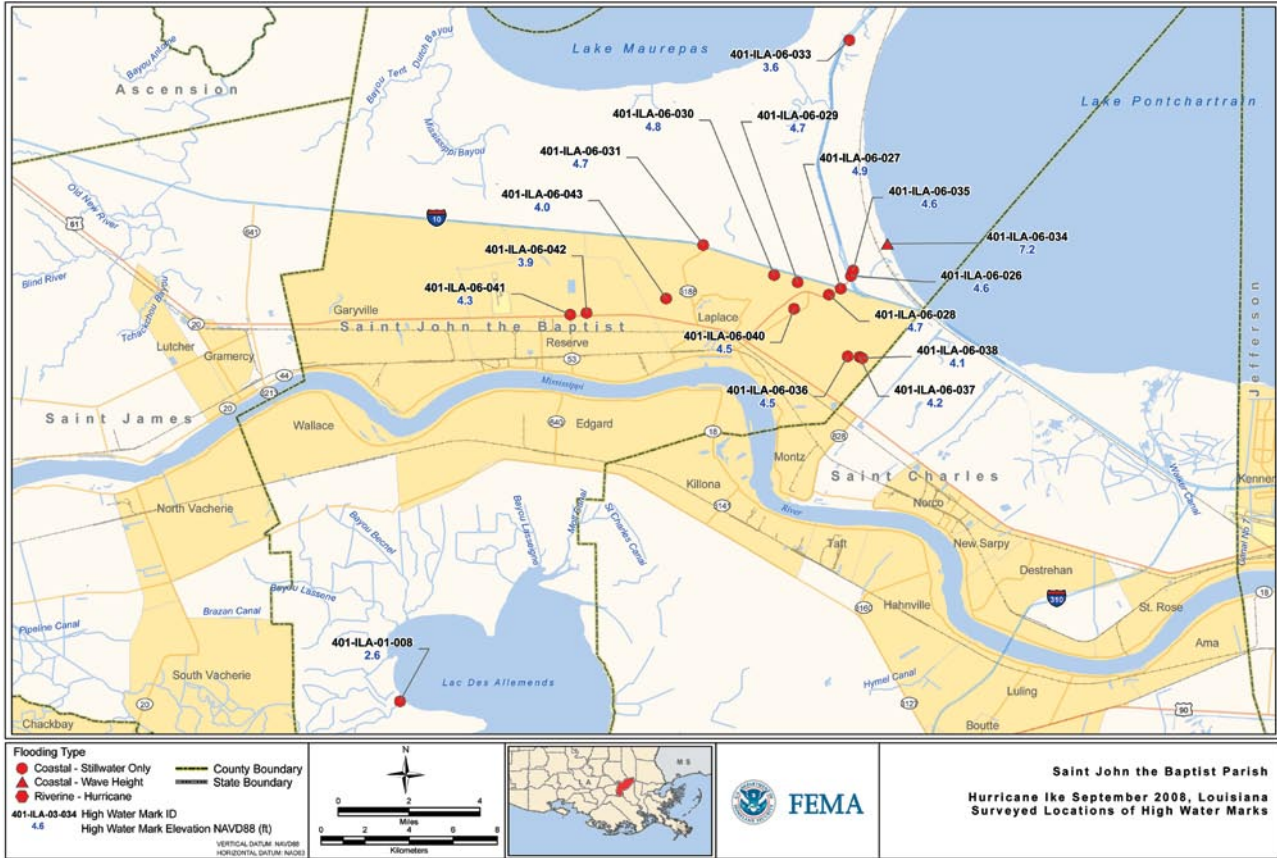


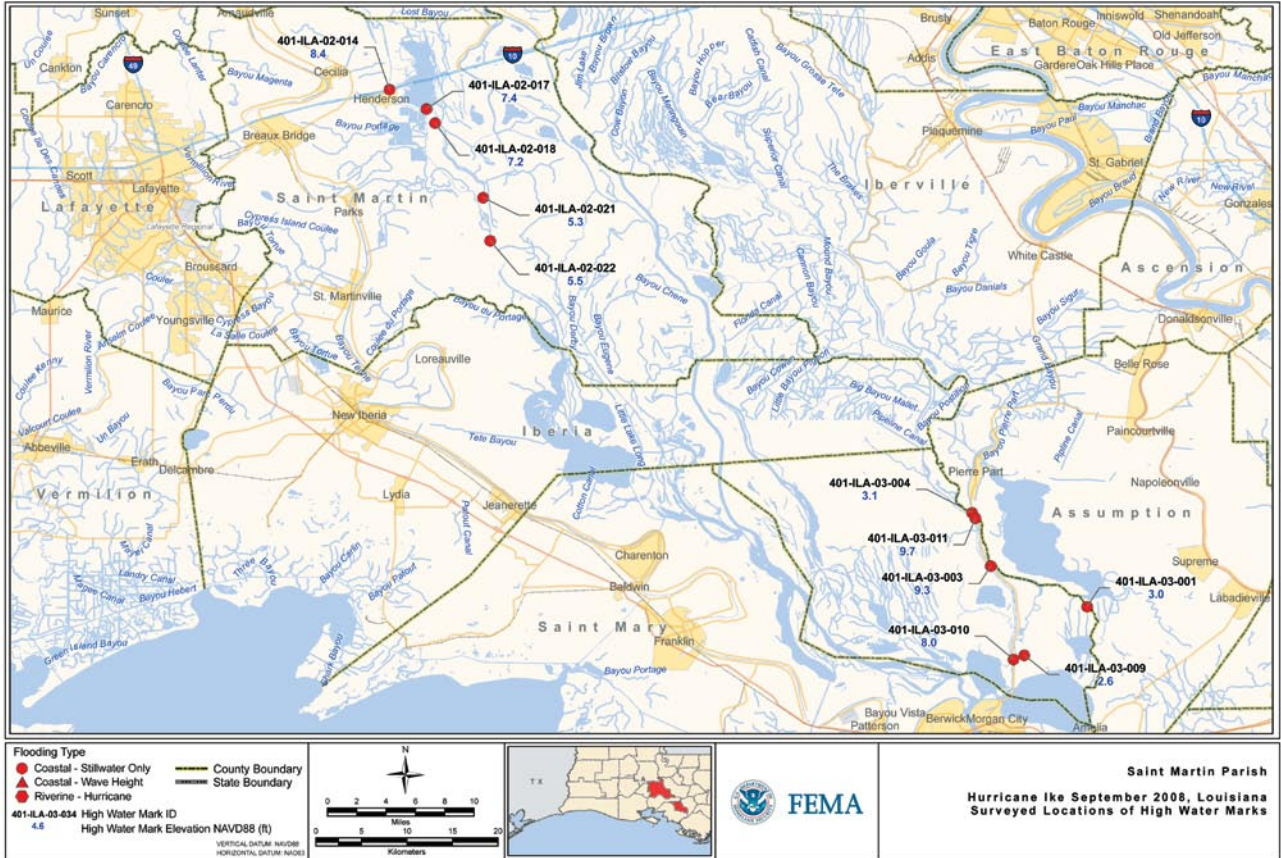
E HIGH WATER MARKS



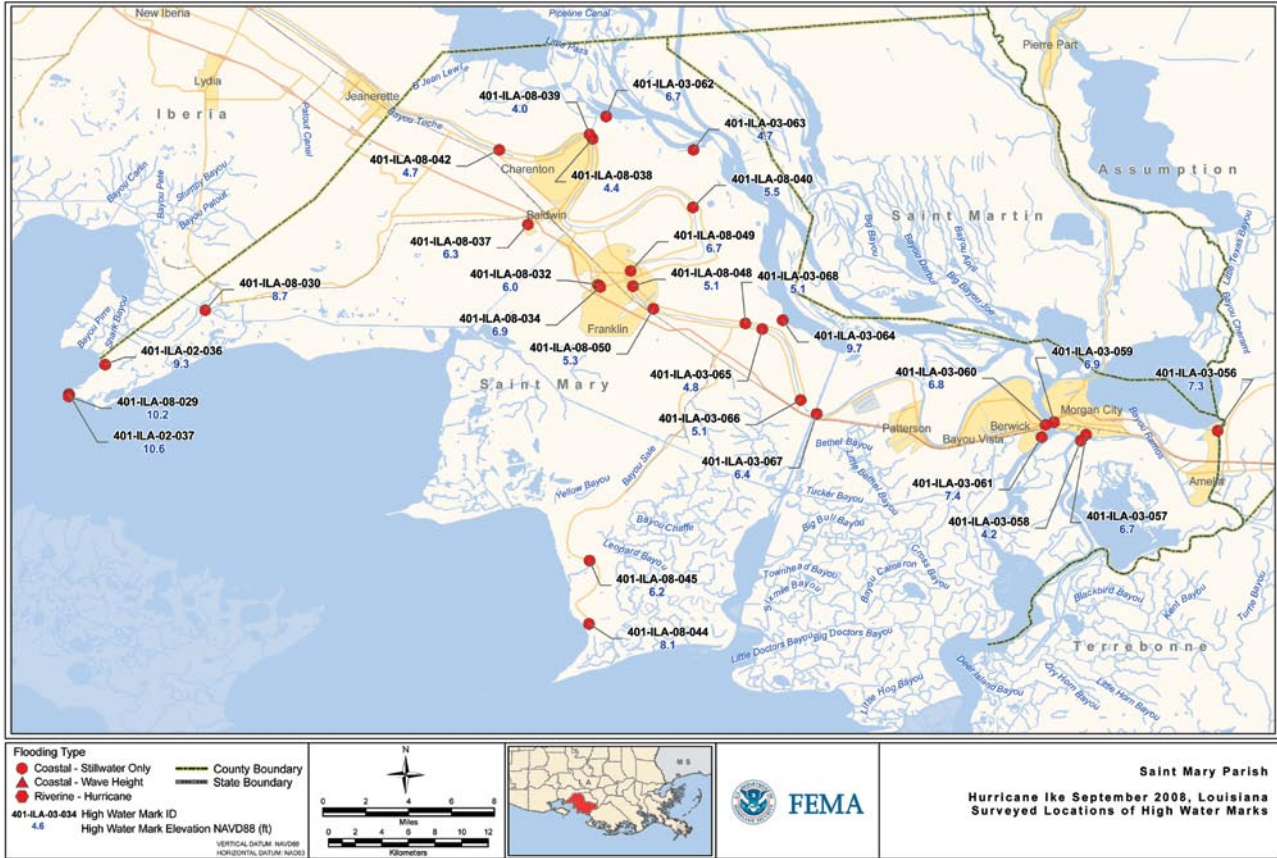


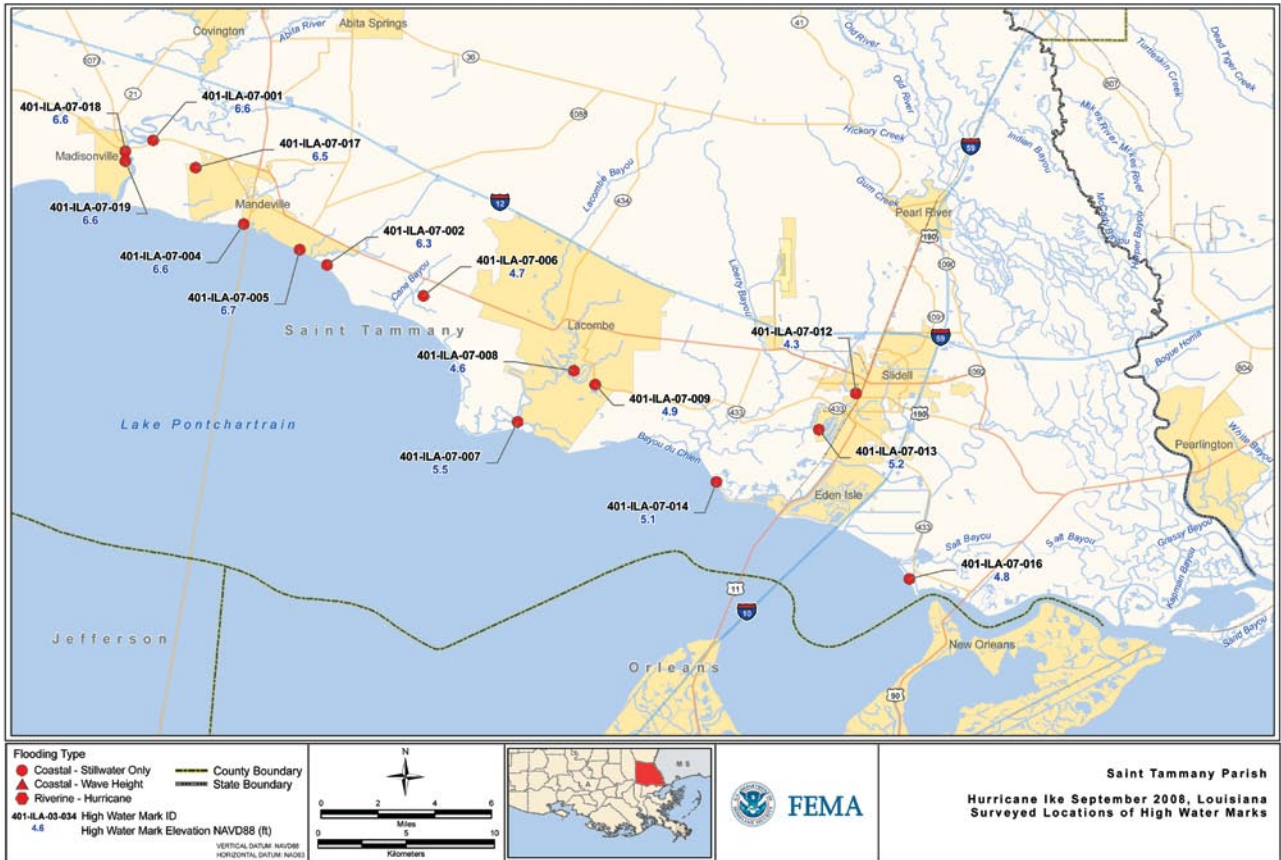
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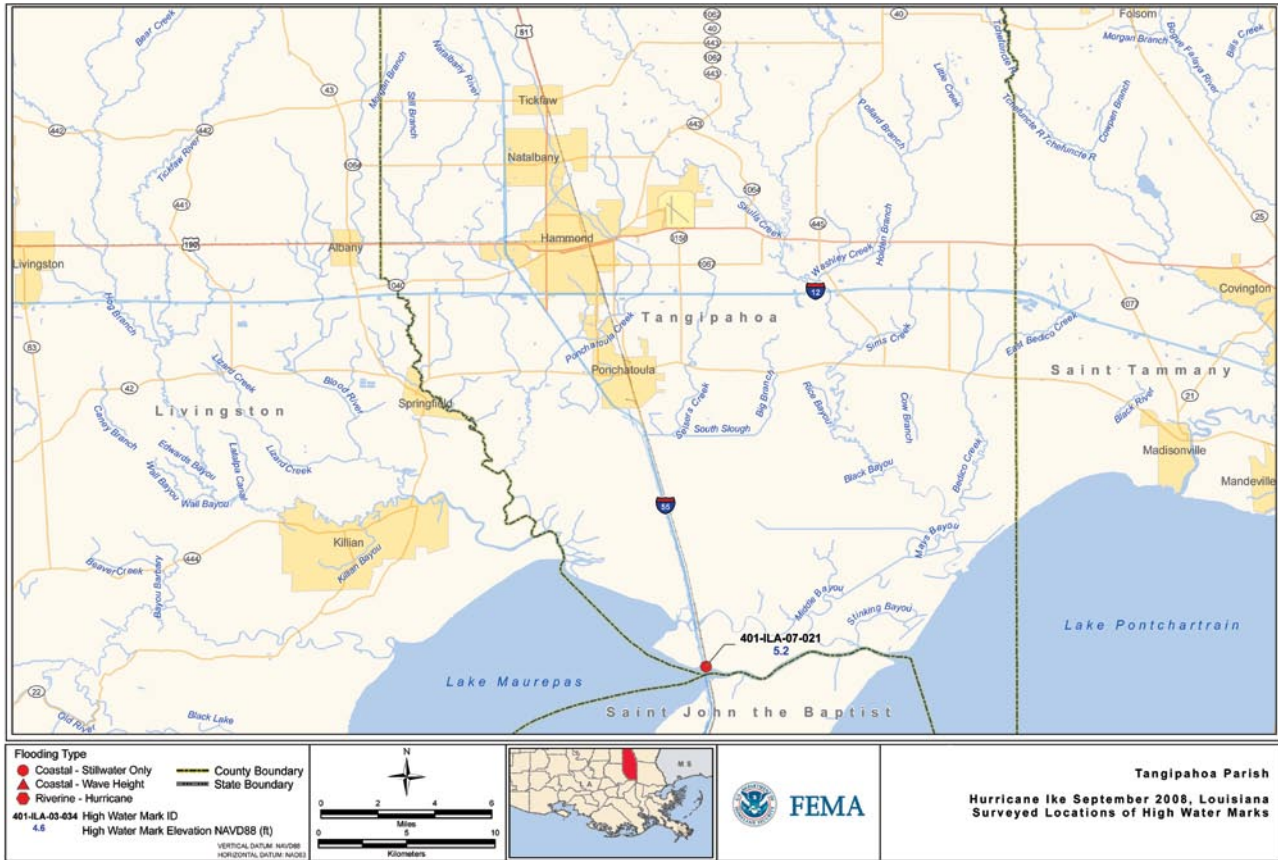


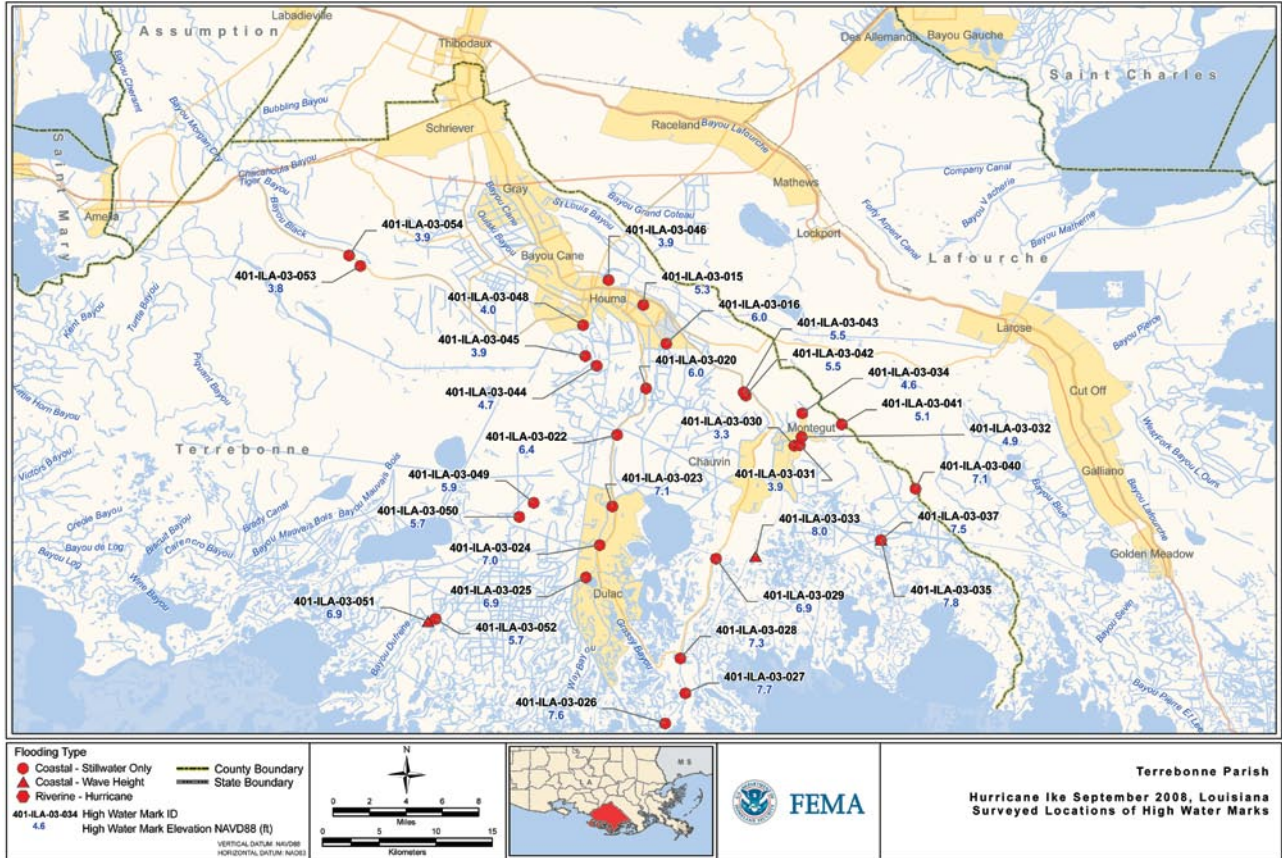
E HIGH WATER MARKS





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