



Coastal Protection and Restoration Authority  
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## 2017 Coastal Master Plan

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# Attachment C3-26.1: Monitoring Station List



Report: Version I

Date: July 2015

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## Coastal Protection and Restoration Authority

This document was prepared in support of the 2017 Coastal Master Plan being prepared by the Coastal Protection and Restoration Authority (CPRA). CPRA was established by the Louisiana Legislature in response to Hurricanes Katrina and Rita through Act 8 of the First Extraordinary Session of 2005. Act 8 of the First Extraordinary Session of 2005 expanded the membership, duties and responsibilities of CPRA and charged the new authority to develop and implement a comprehensive coastal protection plan, consisting of a master plan (revised every five years) and annual plans. CPRA's mandate is to develop, implement and enforce a comprehensive coastal protection and restoration master plan.

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Agency	Station_ID	Station_Name	Latitude	Longitude	Precip	ET	Wind	STG	Q	TRG	SAL	TMP	ATMP	TUR	TSS	NO3	TPH	DOP	NH4	TON	TN	DON	TKN	TOC	ALG	Comments	
LDEQ	0001	Vermilion River at Perry, LA	29.951311	-92.156239								1		1	1	1	1		1				1	1			
LDEQ	0003	Mermentau River at Mermentau, LA	30.189923	-92.590420								1		1	1	1	1		1				1	1			
LDEQ	0033	Tangipahoa River W of Robert, LA	30.506579	-90.361754								1		1	1	1	1		1				1	1			
LDEQ	0043	Amite River at Port Vincent, LA	30.332693	-90.852052								1		1	1	1	1		1				1	1			
LDEQ	0095	Calcasieu River near Kinder, LA	30.502560	-92.915312								1		1	1	1	1		1				1				
LDEQ	0098	Bayou Lacassine near Lake Arthur, LA	30.070057	-92.878925								1		1	1	1	1		1				1				
LDEQ	0119	Amite River at Grangeville, LA	30.736287	-90.841773								1		1	1	1	1		1				1				
LDEQ	0228	Amite River at Mile 6.5 at Clio, LA	30.309011	-90.610169								1		1	1	1	1		1				1	1			
LDEQ	0268	Amite River Diversion Canal N of Gramercy, LA	30.226691	-90.661691								1		1	1	1	1		1				1	1			
LDEQ	0293	Bayou Lafourche at Thibodaux, LA	29.797733	-90.818055								1		1	1	1	1		1				1	1	1		
LDEQ	0674	Charenton Canal S of Baldwin, LA	29.823479	-91.541334								1		1	1	1	1		1				1	1			
LDEQ	0685	GIWW at Cypremort Point, LA	29.772772	-91.785491								1		1	1	1	1		1				1	1			
LDEQ	0962	Wine Island Pass	29.058571	-90.633424								1		1	1	1	1		1				1				
LDEQ	1155	Sabine River NW of Toomey, LA	30.165353	-93.701478								1		1	1	1	1		1				1	1			
LDEQ	1168	Vinton Waterway S of Vinton, LA	30.062784	-93.591312								1		1	1	1	1		1				1	1			
LDEQ	1170	Gulf of Mexico S of Louisiana Point	29.637561	-93.824812								1		1	1	1	1		1				1				
LDEQ	1204	Atchafalaya Bay S of Burns, LA	29.501840	-91.563639								1		1	1	1	1		1				1				
LUMCON	103	Lake Pontchartrain	30.315000	-90.280000				0				1														1 replaced with gridded wind data from the NARR model	
NCDC	160007	Abbeville	29.969000	-92.117000	1																						
NCDC	160565	Bayou Sorrel Lock	30.130000	-91.320000	1																						
NCDC	160658	Bell City 13 SW	29.970000	-93.090000	1																						
NCDC	163433	Galliano	29.460000	-90.310000	1									1													
NCDC	163979	Hackberry 8 SSW	29.889000	-93.402000	1																						
NCDC	165065	Lake Arthur 10 SW	30.000000	-92.780000	1									1													
NCDC	165078	Lake Charles RGNL AP	30.120000	-93.230000	1																						
NCDC	165296	Leland Bowman Lock	29.790000	-92.210000	1																						
NCDC	166394	Morgan City	29.680000	-91.180000	1									1													
NCDC	166660	New Orleans International Airport	29.990000	-90.250000	1		0																				
NCDC	167932	Rockefeller Wildlife Refuge	29.730000	-92.820000	1																						
NCDC	417174	Port Arthur SE TX AP	29.950000	-94.020000	1																						
NCDC	722315	New Orleans Lakefront Airport	30.050000	-90.030000			0																			replaced with gridded wind data from the NARR model	
NCDC	722366	Slidell	30.350000	-89.820000			0							1												replaced with gridded wind data from the NARR model	
NCDC	722405	Lafayette Regional Airport	30.200000	-92.000000			0																			replaced with gridded wind data from the NARR model	
NCDC	164700	Jennings, LA	30.200000	-92.664000		1																					
NCDC	NARR	Grid: 86 - 96 West; 27 - 32North	29.000000	-91.000000			1																			gridded wind data to replace station wind data	
NDBC	42040	South of Dauphin Island, AL	29.212000	-88.207000																							
NDBC	42887	Thunder Horse - Mississippi Canyon 778	28.191000	-88.496000																							
NDBC	42007	22 nautical miles SSE of Biloxi, MS	30.090278	-88.768611								1															
NDBC	SPLL1	South Timbalier Block 52, LA / CSI06	28.867000	-90.483000																							
NOAA	8735180	Dauphin Island, Mobile Bay, AL	30.250000	-88.075000				1																		Station added to represent the eastern offshore boundary	
NOAA	8760922	Pilots Station East, Southwest Pass, LA	28.931667	-89.406667					1																	Station to replace USACE 01670	
NOAA	8764227	Lawma, Amerada Pass	29.450000	-91.340000					1																	Station to replace USACE 88600 and WAVCIS CSI-03	
NOAA	8768094	Calcasieu Pass	29.768000	-93.340000					1																		
NOAA	8770570	Sabine Pass North	29.730000	-93.870000					1																		
NOAA	8771450	Galveston Pier 21, Texas	29.310000	-94.793333					1																	Station to replace NOAA 8771510	
NOAA	8771510	Galveston Pleasure Pier, Texas	29.285000	-94.788333				0																		Station discontinued, replaced with NOAA 8771450	
NODC	WOD	Grid: 85 - 97 West; 25 - 31 North	28.000000	-91.000000							1																
TCEQ	10580	Neches River at US 96	30.355833	-94.093330								1							1					1	1	1	
USACE	01100	Mississippi River at Tarbert Landing, MS	31.008083	-91.623611					1																		
USACE	01670	Southwest Pass Gauge	28.932305	-89.407111				0																		Data not reliable, replaced with NOAA 8760922	
USACE	03045	Atchafalaya River at Simmesport, LA	30.982500	-91.798333						1																	
USACE	88600	Eugene Island	29.379111	-91.381805				0																		Data not reliable, replaced with NOAA 8764227	
USGS	02470629	Mobile River at River Mile 31 at Bucks, AL	31.015736	-88.020832					1																		
USGS	02471019	Tensaw River near Mount Vernon, AL	31.067123	-87.958609					1																		
USGS	02479000	Pascagoula River at Merrill, MS	30.978056	-88.726944						1																	
USGS	02481000	Biloxi River at Wortham, MS	30.558611	-89.121944						1																	
USGS	02481510	Wolf River near Landon, MS	30.483611	-89.274444						1																	
USGS	02488500	Pearl River near Monticello, MS	31.553333	-90.088056																						No data	
USGS	02489000	Pearl River near Columbia, MS	31.237778	-89.846944																						No data	
USGS	02489500	Pearl River near Bogalusa, LA	30.793243	-89.820907					1					1	1		1		1	1	1			1			
USGS	02490193	Pearl River at Pools Bluff near Bogalusa, LA	30.705833	-89.846389										1			1					1		1			
USGS	02492000	Bogue Chitto River near Bush, LA	30.629356	-89.897296										1	1	1	1		1	1	1			1			
USGS	07375000	Tchefuncte River near Folsom, LA	30.616022	-90.248695					1																		
USGS	07375050	Tchefuncte River near Covington, LA	30.494636	-90.169524										1	1	1	1		1	1	1			1	1		
USGS	07375230	Tchefuncte River at Madisonville, LA	30.403889	-90.154722											1	1	1		1	1	1			1	1		
USGS	07375500	Tangipahoa River at Robert, LA	30.506580	-90.361752					1					1	1	1	1		1	1	1			1	1		
USGS	07375650	Tangipahoa River near Ponchatoula, LA	30.443694	-90.334583																						No data	
USGS	07375690	Tangipahoa River below Bedico Creek near Madisonville, LA	30.359167	-90.276111																						No data	
USGS	07375800	Tickfaw River at Liverpool, LA	30.930736	-90.673432												1	1					1		1			
USGS	07376000	Tickfaw River at Holden, LA	30.503802	-90.677316						1						1	1				1	1		1	1		
USGS	07376500	Natalbany River at Baptist, LA	30.504358	-90.545924						1																added	
USGS	07377000	Amite River near Darlington, LA	30.889069	-90.844545												1	1					1		1			
USGS	07378000	Comite River near Comite, LA	30.512689	-91.073716													1										
USGS	07378500	Amite River near Denham Springs, LA	30.464079	-90.990380					1						1						1						

Agency	Station_ID	Station_Name	Latitude	Longitude	Precip	ET	Wind	STG	Q	TRG	SAL	TMP	ATMP	TUR	TSS	NO3	TPH	DOP	NH4	TON	TN	DON	TKN	TOC	ALG	Comments
USGS	07378510	Amite River at 4th Camp near Denham Springs, LA	30.441667	-90.972222										1	1	1	1		1	1	1			1		
USGS	07380120	Amite River at Port Vincent, LA	30.332694	-90.852042										1	1	1	1		1	1	1			1		
USGS	07381000	Bayou Lafourche at Thibodeaux, LA	29.797985	-90.822593					1						1											
USGS	07381235	GIWW West of Bayou Lafourche at Larose, LA	29.577222	-90.380833					1						1											
USGS	07381331	GIWW at Houma, LA	29.598056	-90.710000					1																	correlation station for 07381235
USGS	07381349	Caillou Lake (Sister Lake) SW of Dulac, LA	29.249167	-90.921111							1															correlation station for 073813498
USGS	073813498	Caillou Bay SW of Cocodrie	29.078056	-90.871389							1															
USGS	07381490	Atchafalaya River at Simmesport, LA	30.982500	-91.798333											1	1	1		1	1	1			1		
USGS	07381495	Atchafalaya River at Melville, LA	30.690743	-91.736226								1		1	1	1	1		1	1	1		1	1	1	
USGS	07381590	Wax Lake Outlet at Calumet, LA	29.697986	-91.372885					1																	correlation station for 07381670
USGS	07381670	GIWW at Bayou Sale Ridge near Franklin, LA	29.680833	-91.470556					1						1											
USGS	07385765	Bayou Teche at Adeline Bridge near Jeanerette, LA	29.879372	-91.586225					1																	correlation station for 07385790
USGS	07385790	Charenton Drainage Canal at Baldwin, LA	29.823056	-91.541667					1						1											
USGS	07386880	Vermilion River at Surrey St. at Lafayette, LA	30.217423	-91.992897					1																	correlation station for 07386980
USGS	07386980	Vermilion River at Perry, LA	29.951111	-92.156361					1								1									
USGS	08012150	Mermentau River at Mermentau, LA	30.190000	-92.590556					1					1	1	1	1		1	1	1			1	1	
USGS	08012470	Bayou Lacassine near Lake Arthur, LA	30.070000	-92.878861											1		1			1	1					1
USGS	08015500	Calcasieu River near Kinder, LA	30.502556	-92.915417					1					1	1	1	1		1	1	1			1		
USGS	08017095	North Calcasieu Lake near Hackberry, LA	30.031879	-93.299599							1															correlation station for 08017118
USGS	08017118	Calcasieu River at Cameron, LA	29.815776	-93.349043							1															
USGS	08030500	Sabine River at Ruliff, TX	30.303817	-93.743778					1																	
USGS	08041000	Neches Rv at Evadale, TX	30.355764	-94.093237					1																	correlation station for 08041780
USGS	08041780	Neches River at Beaumont, TX	30.156878	-94.114347					1																	
WAVCIS	CSI03	Marsh Island	29.440000	-92.060000				0																		Large gap in data, replaced with NOAA 8764227
WAVCIS	CSI06	Chevron Platform, South Terrebonne	28.867000	-90.480000																					0	No algae data available according to WAVCIS
WBAN	53893		29.300000	-89.400000									0													replaced with NCDC air temp gages