

ATTACHMENT A

Agency / Organization	Alabama Data Inventory Data Parameters Available	Data Years Available	Number of Stations
Alabama Dept. of Environmental Management, Beach Monitoring Program	All stations include ALL of these parameters: Fecal coliform, enterococcus, temperature, conductivity, salinity, DO, pH, turbidity	1999-2003	12
USGS NWIS	All stations include SOME of these parameters: water temperature, air temperature, barometric pressure, discharge rate, gage height, turbidity, specific conductance, dissolved oxygen, BOD, chemical oxygen demand, pH, acid neutralizing capacity, bicarbonate, carbonate, residue, ammonia, nitrite, ammonia + organic nitrogen, nitrite + nitrate, P, orthophosphate, organic carbon, hardness, noncarbonate hardness, Ca, Mg, Na, K, Cl, sulfate, fluoride, silica, As, Ba, Bo, Cd, Cr, Co, Cu, Fe, Pb, Mg, Mb, Ni, Ag, Sr, Va, Zn, Al, Li, Se, fecal coliform, E. coli, alkalinity, Hg, color, turbidity	1960-2001	144
USEPA STORET database (Legacy)	All stations include SOME of these parameters: Water temp., air temp., turbidity (NTU and JTU), color (platinum-cobalt units), specific conductivity, DO, DO % saturation, BOD, pH, alkalinity, NH ₃ +NH ₄ , NH ₃ +DON, NO ₃ +DON, TOC, hardness, chloride, sulfate, total and fecal coliform, total phosphates, secchi depth, depth (ft.), Cd, Cr, Cu, Fe, Pb, Zn, suspended sediment, alkalinity, # of different species, shellfish species	1966-1998	49
	All stations include SOME of these parameters: Water temp., air temp., turbidity (NTU and JTU), color (platinum-cobalt units), specific conductivity, DO, DO % saturation, BOD, pH, alkalinity, NH ₃ +NH ₄ , NH ₃ +DON, NO ₃ +DON, TOC, hardness, chloride, sulfate, total and fecal coliform, total phosphates, secchi depth, depth (ft.), Cd, Cr, Cu, Fe, Pb, Zn, suspended sediment, alkalinity, # of different species, shellfish species	1965-1997	67
Weeks Bay NERR	All stations include ALL of these parameters: temperature, specific conductance, salinity, DO (% saturation), DO (mg/L), depth, pH, turbidity (NTU)	1995-2002	1 real-time station
USEPA STORET database (Modernized)	All stations include ALL of these parameters: BOD, cloud cover, turbidity, pH, nitrite + nitrate as N, nitrogen (kjeldahl), chloride, sulfate, air temperature, total coliform, phosphorus, specific conductivity, true color, wind direction, water temperature, fecal coliform, wind velocity, ammonia, TSS, DO, chlorophyll a, salinity, secchi depth, oxidation reduction potential, dissolved oxygen saturation	1999-2002	6
Alabama Dept. of Environmental Management, Field Operations Division	All stations include ALL of these parameters: air temp., wind speed, wind direction, water temp., secchi, depth, pH, conductivity, DO, salinity, TSS, TDS, turbidity, NH ₃ -N, NO ₃ -N, PO ₄ -P, chlorophyll a, TKN	August 1993	84
USEPA--SESD	All stations include SOME of these parameters: BOD, CBOD5, TOC, NH ₃ -N, NO ₂ -NO ₃ , TKN, total phosphorus, dissolved phosphorus, sample depth, TSS, continuous DO, gross primary production, respiration, GPP:R ratio, chlorophyll a	July 2000 & May 2001	28

*grey shaded areas indicate data has been entered into database

Agency / Organization	Alabama Data Inventory Data Parameters Available	Data Years Available	Number of Stations
ADEM, Mobile Branch	All stations include ALL of these parameters: secchi, water temp, DO, pH, conductivity, salinity, hardness, alkalinity, turbidity, chlorophyll a, NH3, BOD5, NO3 +NO2, PO4, TKN, TSS, TDS, fecal coliform	July 1999	30
Mobile Bay Data Report (TR 94-001)	All stations include some of these parameters: depth, salinity, temp, DO (% & ppm), pH, TCO2, PO4, NO3, NO2, NH4, SI, DOC, DON, DOP, PC, PN, PP, chlorophyll, light attenuation, secchi, phytoplankton productivity	May 1989-Jan 1993	38
Mobile Bay Data Report (TR 99-001)	All stations include some of these parameters: depth, salinity, temp, DO (% & ppm), pH, TCO2, PO4, NO3, NO2, NH4, SI, DOC, DON, DOP, PC, PN, PP, chlorophyll, light attenuation, secchi, phytoplankton productivity	July 1993-Aug 1995	12
Weeks Bay Data Report (TR 99-002)	All stations include some of these parameters: depth, salinity, temp, DO (% & ppm), pH, TCO2, PO4, NO3, NO2, NH4, SI, DOC, DON, DOP, PC, PN, PP, chlorophyll, light attenuation, secchi, phytoplankton productivity	June 1990-Aug 1992	19
Weeks Bay Data Report (TR 2001-001)	All stations include some of these parameters: depth, salinity, temp, DO (% & ppm), pH, TCO2, PO4, NO3, NO2, NH4, SI, DOC, DON, DOP, PC, PN, PP, chlorophyll, light attenuation, secchi, phytoplankton productivity	May 1996-May 2000	8

Agency / Organization	Louisiana Data Inventory Data Parameters Available*	Data Years Available	Number of Stations
Louisiana Dept. of Environmental Quality	All stations include ALL of these parameters: Depth (m), alkalinity, hardness, turbidity (NTU), color (platinum-cobalt units), chlorides, sulfate, TSS, TDS, TS, NO2+NO3, TKN, total phosphates, TOC, pH, DO, temperature, conductivity, salinity, secchi depth	1958-2001 (but not for every station)	84 (59 of them having only one year of data)
USGS NWIS	All stations include SOME of these parameters: Turbidity (JTU, NTU, & SiO2), color (platinum-cobalt units), oxidation reduction potential, specific conductance, salinity, oil and grease, DO, BOD, COD, pH, CO2, TN, DON, NH3, NO2, NO3, NH3+DON, NO2+NO3, phosphorus, total phosphates, orthophosphate, TOC, hardness, Ca, Mg, Na, K, Cd, Cr, Cu, Fe, Mn, Pb, Ni, Se, Zn, Si, As, Be, total and fecal coliform, suspended solids, chlorides, sulfate, chlorophyll a, chlorophyll b, water temp,	1905-1999	182
USEPA STORET database	All stations include SOME of these parameters: Water temp., air temp., tide stage, turbidity (JTU), pH, salinity, fecal coliform, total phosphates, chloride, DO, depth (ft.), color (platinum-cobalt units), BOD, TOC, NH3+DON, alkalinity, hardness, sulfate, # of different species, secchi depth, TKN,	Mainly 1960s and 1970s	179
	All stations include SOME of these parameters: Water temp., air temp., turbidity (NTU and JTU), color (platinum-cobalt units), specific conductivity, DO, DO % saturation, BOD, pH, alkalinity, NH3+NH4, NH3+DON, NO3+DON, TOC, hardness, chloride, sulfate, total and fecal coliform, total phosphates, secchi depth, depth (ft.), Cd, Cr, Cu, Fe, Pb, Zn, suspended sediment, alkalinity, # of different species, shellfish species,	Mainly 1960s and 1970s	112
	All stations include SOME of these parameters: Water temp., air temp., depth (ft.) turbidity (JTU and NTU), secchi depth, color (platinum-cobalt units), conductivity, DO, BOD, pH, alkalinity, NH3+NH4, NH3+DON, NO3+DON, TOC, harness, chloride, sulfate, Cd, Cr, Cu, Fe, Pb, Ni, total and fecal coliform, suspended sediment, total phosphates, salinity, TKN, NO2+NO3	Mainly 1960s and 1970s, with some 1990s	33 (although the last 8 sampled only organics)

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Agency / Organization	Louisiana Data Inventory Data Parameters Available*	Data Years Available	Number of Stations
	All stations include SOME of these parameters: Water temp., conductivity, DO, pH, turbidity (JTU), color (platinum-cobalt units), BOD, alkalinity, hardness, chloride, sulfate, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Ag, Zn, Al, Sb, Se, total phosphates, secchi depth, NO ₃ +DON, TOC, depth (ft.), TKN, NO ₂ +NO ₃	Mainly 1960s and 1970s, with some 1990s	32
EPA data	All stations include ALL of these parameters: Phytoplankton, dissolved solids, dissolved silica, total ammonia, dissolved ammonia, TOC, nitrate and nitrite, TN, TKN, orthophosphate, DP, TP, suspended sediment, TSS,	1978-1995	1
	All stations include ALL of these parameters: Dissolved solids, dissolved silica, nitrate and nitrite, TN, TKN, TP	1973-1988	1
LA Department of Natural Resources	All stations include some of these parameters: community, sample type, vegetation type, % cover total, % cover shrub, % cover tree, % cover herb, % cover carpet, avg height dominant, avg height tree, avg height shrub, avg height herb, avg height carpet, scientific name, common name, % cover, Braun-Blanquet rank, in/out, specific conductance, salinity, surface water temp, bottom water temp	1994-2003	100
	All stations include ALL of these parameters: fish taxa, sex, number, weight, length, water temperature, air temperature, salinity, wind speed, wind direction, turbidity, tide stage, percent cloud cover, conductivity	1988-2002	1
NOAA CoastWatch	Stations include ALL of these parameters: Dissolved oxygen	July 2003	64
Fox et al. paper	Stations include ALL of these parameters: total dissolved phosphate, pH, Ca, suspended solids, total major ions, IAP, flow	1983	1
Wiseman et al. paper	Stations include ALL of these parameters: Salinity		13
Smith & Hitchcock paper	Stations include ALL of these parameters: Salinity, chlorophyll a, NO ₃ , PO ₃₄ , SiO ₃	1991-1992	18
Louisiana Oil Spill Coordinator (Baseline Sampling and Analysis)	Stations include ALL of these parameters: wind velocity, wind direction, percent cloud cover, air temp, water temp, pH, salinity	1996-1999	Unknown (over 300)
National Ocean Service	Station includes: hourly water level data	1999-2001	1
LA Dept of Wildlife and Fisheries	Stations include: daily mean salinity	1967-1979	6
USACE	Stations include: daily salinity	1946-1981	4
LA GIS CD (3)	Includes data for: bathymetry, seabirds, coastal habitat data		many

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Agency / Organization	Mississippi Data Inventory Data Parameters Available	Data Years Available	Number of Stations
USGS NWIS	All stations include SOME of these parameters: sampling depth, water temperature, barometric pressure, weather, discharge rate, gage height, turbidity, color, specific conductance, dissolved oxygen, biochemical oxygen demand, chemical oxygen demand, pH, carbon dioxide, acid neutralizing capacity, bicarbonate, carbonate, residue on evaporation, loss on ignition, residue on evaporation, residue, oil and grease, TN, DON, ammonia, nitrite, nitrate, ammonia + DON, nitrite + nitrate, phosphate, orthophosphate, phosphorous, TOC, hardness, noncarbonate hardness, Ca, Mg, Na, K, Cl, sulfate, fluoride, silica, As, Ba Be, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mb, Ni, Ag, Sr, Va, Zn, Al, Se, Li, total coliform, fecal coliform, fecal streptococci, phytoplankton, suspended solids, suspended sediment	1958-2000; 2003 data available for 1 real-time station	268
Mississippi Department of Environmental Quality	All stations include some of these parameters: fecal coliform counts, phosphorus, nitrogen, nitrate, nitrite, ammonia	1997-2003	21
USEPA STORET database	All stations include SOME of these parameters: Water temp., air temp., turbidity (NTU and JTU), color (platinum-cobalt units), specific conductivity, DO, DO % saturation, BOD, pH, alkalinity, NH ₃ +NH ₄ , NH ₃ +DON, NO ₃ +DON, TOC, hardness, chloride, sulfate, total and fecal coliform, total phosphates, secchi depth, depth (ft.), Cd, Cr, Cu, Fe, Pb, Zn, suspended sediment, alkalinity, # of different species, shellfish species,	1965-1997	37
	All stations include SOME of these parameters: Water temp., air temp., turbidity (NTU and JTU), color (platinum-cobalt units), specific conductivity, DO, DO % saturation, BOD, pH, alkalinity, NH ₃ +NH ₄ , NH ₃ +DON, NO ₃ +DON, TOC, hardness, chloride, sulfate, total and fecal coliform, total phosphates, secchi depth, depth (ft.), Cd, Cr, Cu, Fe, Pb, Zn, suspended sediment, alkalinity, # of different species, shellfish species,	1966-1998	40
	All stations include SOME of these parameters: Water temp., air temp., turbidity (NTU and JTU), color (platinum-cobalt units), specific conductivity, DO, DO % saturation, BOD, pH, alkalinity, NH ₃ +NH ₄ , NH ₃ +DON, NO ₃ +DON, TOC, hardness, chloride, sulfate, total and fecal coliform, total phosphates, secchi depth, depth (ft.), Cd, Cr, Cu, Fe, Pb, Zn, suspended sediment, alkalinity, # of different species, shellfish species,	1966-1998	58
EPA data	All stations include SOME of these parameters: phytoplankton, dissolved solids, dissolved silica, ammonia nitrogen total, ammonia, TOC, NO ₂ +NO ₃ , TN, TKN, orthophosphate, DON, DP, TP, suspended sediment, TSS,	1978-1986	1
	All stations include ALL of these parameters: temperature, turbidity, secchi, nitrogen, phosphorous, NO ₂ +NO ₃ , TP, TKN, ammonia nitrogen total	1990-1997	6
Miscellaneous data	All stations include SOME of these parameters: salinity, phosphates, silicate, vanadium, cadmium, chromium, molybdenum, iron, nickel, copper, zinc, suspended sediments	April 15-22, 1982	41
Christmas Study	All stations include ALL of these parameters: (surface and bottom) temperature, salinity, DO, pH, NO ₃ , PO ₄ , and P	April 1968-April 1969	51
Christmas Study	Station includes all of these parameters: mean monthly temp, mean monthly precipitation totals	1931-1960	1

Type of Data	Relevant Agency/Organizations	Regional Data Inventory Parameters Available	Data years available	Number of stations
Meteorological Data	NOAA/NDBC	All Stations include some of these parameters: air temp, sea surface temp., dewpoint temp, sea level pressure, wind speed, wind direction, peak gust speed, significant wave height, average wave period, dominant wave period, mean wave direction, station visibility, pressure tendency, tide	1981-2002	9 Buoys located in the Gulf of Mexico between LA and AL
Surface and Bottom Water Quality	EMAP	All Stations include all of these parameters: DO, temperature, salinity, pH, transmissivity, secchi depth, photosynthetically active radiation (PAR)	1991-1994	~100 sampled each year (but not always the same 100--different lat/longs)
Benthic Community	EMAP	All stations include all of these parameters: Latin name, abundance (total, mean, and SD), number of grabs	1991-1994	~100 sampled each year (but not always the same 100--different lat/longs)
Fish Community (Trawl)	EMAP	All stations include all of these parameters: number of trawls, Latin name, common name, abundance, length	1991-1994	~100 sampled each year (but not always the same 100--different lat/longs)
Weather data	NCDC	All stations include all of these parameters: air temperature, precipitation	1950-2002	5 climate divisions
Nutrient and physical parameters	NEGOM Cruises, Dept. of Oceanography, Texas A&M	All stations include all of these parameters: water depth, salinity, DO, phosphate, nitrate, nitrite, silicate, ammonium, conductivity, chlorophyll a and b, chlorophyll C3 and C2, temperature	1997-2000	Thousands
Air temperature	National Weather Service	All stations include all of these parameters: air temperature	1971-1986	2

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