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Statistical Analysis of Seasonal Precipitation for the Lake Pontchartrain Basin and Associated Watersheds

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STATISTICAL ANALYSIS OF SEASONAL PRECIPITATION FOR THE LAKE
PONTCHARTRAIN BASIN AND ASSOCIATED WATERSHEDS

A Dissertation

Submitted to the Graduate Faculty of the
University of New Orleans
in partial fulfillment of the
requirements for the degree of

Doctor of Philosophy
in
Engineering and Applied Science

by

Suzanne Van Cooten

B.S. University of Oklahoma
M.S. University of New Orleans

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Introduction

Importance of Investigating and Classifying Long-Term Precipitation Patterns

Investigating and classifying long-term precipitation patterns is critical for the development of environmental models, climate change assessments, and numerical simulations of surface and sub-surface fluid flow. In environmental modeling, observations of chemical concentrations collected for particular rainfall scenarios show intensity and duration of rainfall has a direct affect on the fate and transport of chemicals (Schnoor, 1996). The accuracy of models and empirical relationships developed to simulate chemical fate and transport are directly dependent on the length of the rainfall record and the number of field observations collected during particular rainfall episodes (Barbe, Seenappa, and Francis, 1995; Bedient and Huber, 1992; Chow, 1964). By increasing the number of rainfall events available to researchers, additional model simulations can be conducted to verify the accuracy of the model or empirical relationship and pinpoint any elements or relationships which need to be modified. Without the availability of these additional rainfall events, calibration and verification efforts would be limited affecting the accuracy and credibility of the forecasts the model or empirical relationship produces. A model or empirical relationship which can accurately forecast the fate of specific chemicals, particularly pesticides, and predict their transport yields tremendous economic benefits for its developers and society (Anderson, 2000).

Climate change and its related impacts is now a cornerstone of national science and economic policy (Altalo, 2000; IPCC, 2001; Ruddiman, 2001). The precipitation record for this study spans 166 years from 1836 to 2002 presenting a unique opportunity to investigate the changes in the frequency and magnitude of drought, flood, and coastal storm events. A comprehensive understanding of these changes in the context of a long-term climate record is critical to developing an accurate assessment of drought, flood, and coastal storm impacts for an entire socio-economic spectrum (Davidson, 2004). This assessment is fundamental in the design of effective hazard mitigation plans and procedures for these weather events whose damages can range from 8 billion dollars for drought episodes (Federal Emergency Management Agency (FEMA), 1995) to 40 billion dollars from Hurricane Andrew (National Weather Service (NWS)- Tropical Prediction Center (TPC), 2001). Of greater value is the ability to determine the dependency of these extreme rainfall cycles on global and regional patterns driven by the El Nino Southern Oscillation (ENSO) and/or the Madden-Julian Oscillation (Madden, R.A. and Julian, P.R., 1994) to improve seasonal outlooks. To predict the frequency and magnitude of these extreme events

accurately for weather and climate sensitive industries has a value near 3 trillion dollars or 25 percent of our National Gross Domestic Product (Dutton, 2001).

Hydrologic models for surface and sub-surface fluid flow require rainfall data for specific drainage areas (Bedient 1992; Gupta, 1995; Todd 1980; Chow, 1964). For small watersheds, the drainage basin may cover a few square miles but major river drainages, such as the Mississippi River System, millions of acres including regional tributaries define the basin (NWS-Lower Mississippi River Forecast Center, 1997). Numerical models developed and operated by a NWS River Forecast Center (RFC) require Mean Areal Precipitation (MAP) for the specific river drainage basin as an input parameter for river stage forecasts. To improve hydrologic forecasts, the NWS is in a continuous process of adding more forecast points along a river reach. These increased forecast responsibilities require real-time and historical rainfall data to be available on a smaller scale to accurately depict travel time, local soil conditions, and land use. The National Hydrologic Warning Council estimated these forecast improvements will save lives and an estimated 240 million dollars in flood losses and provide 520 million per year in benefits to water resource customers (2002).

Research Objectives

To provide long-term accurate daily rainfall records for development of environmental models, climate change assessments, and simulations of surface and sub-surface fluid flow for regional planning and hazard mitigation, a digitized database of daily rainfall observed from 1836 to 2002 at 63 southeast Louisiana and 28 southern Mississippi sites was assembled. To assure rainfall data of the highest quality and accuracy, values were verified by historical climatological publications including National Climatic Data Center (NCDC) on-line sources. To investigate the hypothesis that annual and seasonal average rainfall patterns are variable on sub-regional scales of 60 to 80 square miles, statistical methods (Gupta, 1995; McBean and Rovers, 1998) were used to form station clusters to investigate the spatial extent of rainfall variability for three, six, and twelve month intervals within the study area. Statistical tests compared the three, six, and twelve month average rainfall between the station groups to provide information on the existence and behavior of annual and seasonal precipitation micro-climates in southeast Louisiana. By documenting rainfall trends on sub-regional scales, significant improvements in weather, water, and climate forecasts can be realized resulting in better hazard preparation, mitigation, and regional response to preserve commerce and save lives.

Implications of Research for the Nation and Gulf Coast Region

One of the most comprehensive ecosystem management and restoration projects in the nation was initiated on November 28, 1990, when Public Law 646 was passed by the 101st Congress. Public Law 646, the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA), provided funds for planning and implementing projects that create, protect, restore and enhance wetlands in coastal Louisiana. Southeast Louisiana has the largest number of CWPPRA sponsored programs operating in the state which is not a surprise when the hydrologic ecosystems of the region and their proximity to the Gulf of Mexico are examined. The region includes the Lower Mississippi River drainage which includes the Mississippi River from Angola to Pilot Town, Louisiana and the Atchafalaya River. The Lake Pontchartrain Basin drainage system, whose dominant features are Lake Pontchartrain, Lake Maurepas, and Lake Borgne, is responsible for drainage across St. Tammany, Washington, Tangipahoa, Livingston, St. Helena, East Feliciana, and East Baton Rouge Parishes. The three lakes absorb the streamflows of the Amite, Comite, Pearl, Tangipahoa, Tchefuncte, Tickfaw, and the Bogue Chitto Rivers and Bayou Lacombe and Bayou Bonfouca. To plan CWPPRA programs effectively, project managers must have an understanding of spatial rainfall patterns for specific basins and marsh areas to predict streamflow discharge and groundwater recharge (Todd, 1980). This understanding is critical for decisions on reservoir discharges and operation of diversion structures to deliver freshwater flows when hydrologic conditions are optimal for their wetland projects. Construction timelines and vegetation planting schedules can be formulated by examining the long-term cycles of annual and seasonal precipitation to determine the likelihood of rainfall extremes which could significantly impact the outcome of the particular project. Historic rainfall and the related stream flow provide a valuable insight to the delivery of freshwater flows into the regional wetlands on which ecosystem productivity levels depend on (Willis, 2003). An important factor is the historical mapping of salinity levels in project areas during these cycles of flood and drought (Visser, 2002; Foster, 2000). This is very important for areas which border brackish and salt water bodies such as the coastal marshes and portions of Lake Pontchartrain which receives salt water from the Gulf of Mexico through the Mississippi River Gulf Outlet, Chef and Rigolets Passes, and the Mississippi Sound (Penland, 2002).

The restoration programs underway across the central Gulf coast are focused on preserving a significant portion of the nation's critical infrastructure. Commerce along the Mississippi River has created the largest series of ports, in terms of tonnage, in the United States. Southeast Louisiana is home to the ports of Baton Rouge, South Louisiana, New Orleans, and Plaquemines. From the 2003 United States Waterborne Commerce Statistics prepared by the United States Army Corps of Engineers (USACE), the Port of South Louisiana ranks number one among the nation's ports in terms of tonnage,

the Port of New Orleans ranks fourth, the Port of Baton Rouge ranks tenth, and the Port of Plaquemines ranks eleventh (USACE- Institute for Water Resources, 2004). River commerce is dependent on the level of river flow which is a direct function of freshwater flows from reservoir operations and/or contributions from tributaries due to rainfall episodes. High flows in the Mississippi River create dangerous conditions for maritime operations (United States Coast Guard, 2001) as evidenced in the spring of 1997 when the Mississippi River was closed to barge operations. An understanding of historical rainfall trends and their cycles on a sub-regional scale can play a critical role in the planning of reservoir storage and operating plans to maintain optimum river stages or minimize the time that flood flows exist. In the late winter and early spring months of 1997, the Amite-Comite River Basin received above normal precipitation (USACE, 2004) which was noted in extended streamflow forecasts of the NWS Lower Mississippi River Forecast Office. The flood impoundments were near capacity along the river reach from New Roads to Baton Rouge before the flood crest from the Upper Mississippi River reached Greenville, Mississippi. The Old River Structure at the junction of the Mississippi and Atchafalaya Rivers was opened to flows only seen twice in its operating history to send a portion of the flood wave down the Atchafalaya due to the amount of water already in storage facilities downstream (USACE, 2004). Without available storage, the only solution to dampen the flood wave before New Orleans, Louisiana, was breaching of levees and opening of the Bonnet Carre spillway. With extensive damage to levees and port facilities, river commerce did not return to normal for several weeks after the spillway opening. Knowledge of climate trends and associated historical rainfall patterns on six and three month time scales on sub-regional scales is critical to the formulation of operating plans for flood storage facilities.

Low water conditions create limited drafts for ships and expose sand bars on which ships run aground. In addition to these navigation hazards, low water conditions on the Mississippi allow a salinity plume to migrate north along the main channel from the Gulf of Mexico with other salinity encroachments from smaller Gulf of Mexico outlets. This salinity intrusion affects cargo loading due to the change in density between salt and fresh water. In the drought of 1988, this saltwater plume was moving upstream about 2 miles per day and was expected to advance to 116 river miles upstream of Head of Passes, Louisiana (Saucier, 1998). To counteract the movement of the saltwater plume, the Corps of Engineers constructed an underwater sill composed of dredged material at river mile 63.7 on June 30, 1988. Saucier notes that “increased river flows in July and August” combined with the construction of the sill stopped the plume just below one of the main water intakes to New Orleans (1998). This illustrates the importance and economic benefit of understanding the long-term cycles of precipitation as it relates to freshwater input to river tributaries in designing plans and procedures to minimize the effects of these saltwater intrusions on cargo shipping and urban water supplies.

The ports of southeast Louisiana are not the only regional components vital to the nation's economy which are vulnerable to short and long-term rainfall cycles. The region supports a large percentage of the United States' petrochemical and petroleum industry through transportation, refinery, and exploration industries. Exploration and mineral extraction activities have been credited with creating weakened ecosystems and coastal land loss (Addison, 2002). The construction of canals in marshes have created a vast network of open channels which allow salt water to migrate into new areas and change species diversity, native vegetation patterns, and hydrologic cycles (Bass et al. 1997). Mineral and petroleum extraction are amplifying the subsidence of surface soils (Turner 1990) in areas experiencing high subsidence rates (Gagliano, 1999). Across the study area, Gagliano notes a "hinge line" running east to west from Slidell to Bayou Sorrel with areas north of the line rising and areas south of the line sinking. The Louisiana coastal plain is on the sinking side of this hinge line and the extraction effects of 2 cm per life of a production well are increasing the observed subsidence rates as additional production wells come on line. The combination of salt water intrusions and subsidence are converting marsh to open water as vegetation becomes submerged. The impacts of this marsh conversion are expansive as the Gulf of Mexico works northward eroding land mass which once carried critical transportation conduits for petroleum products, platforms for oil and gas wells, and housing for workers. By classifying long-term rainfall extremes on an annual and seasonal basis, coastal management professionals can see if winter storms are more destructive than summer tropical systems and how these impacts have changed from 1836 to 2002 due to the ecosystem changes on the coastal plain. For the petroleum industry, these studies are valuable in assessing the inventory of their infrastructure which is vulnerable to storm damage on an annual and seasonal basis to assess how their financial risks have increased

Southeast Louisiana is a major producer of electric and biomass energy for the nation. Hydroelectric power generation from plants on the Mississippi River, Atchafalaya, and Pearl River use precipitation forecasts for all operation decisions. Duke Energy estimated it would save 2 million dollars over a five-year period with improved precipitation forecasts (Altalo, 2000). Incorporating knowledge of long-term precipitation forecasts and applying this to create accurate 1 to 2 year forecasts would result in even more cost savings due to optimizing reservoir operations. Information on the characteristics of rainfall are very important to the industry as Duke Energy notes the energy demand can change dramatically from forecasts in the summer when an afternoon thunderstorm can cool temperatures twenty degrees and the threat of damage from lightning increases (Altalo, 2000). The need for this information, specifically the development of seasonal characteristics of rainfall and its long-term patterns, have been a driving force in the growth of the billion dollar weather derivative industry. This industry sells "insurance" to weather sensitive industries, particularly utilities, to protect their earnings against weather

extremes. The weather derivative industry is a significant sector of the national economy with a total notational value of 11.8 billion dollars in weather risk management contracts executed between parties from 1997 to 2002 (Dutton, 2002).

Review of Previous Research

Issues Related to Precipitation Station Equipment and History

The following discussion highlights research related to data discontinuities and their possible causes. Data discontinuities occur for a variety of reasons including station relocation, equipment changes, gage exposure, observer procedures, and human error in recording values or sums. These discontinuities can alter a long-term climate record by introducing false biases which can be detected as shifts in the continuous record. To disregard these discontinuities can significantly affect the credibility of research results gathered from questionable records.

The National Weather Service (NWS) has used several types of rain gages at weather stations to measure precipitation. An eight-inch rain gage is the observation equipment standard for all cooperative rainfall observers and consists of a metal cistern inside a larger metal cylinder. The inner tube catches the rainfall and the observer measures the accumulated liquid with an extended ruler. When the ruler is removed from the cylinder, the rainfall amount is determined by the level the water inside the cylinder wetted on the ruler (National Weather Service, 1998). Groisman and Legates (1994) present the issue that a discontinuity may exist in the network of gages due to the installation of Alter wind shields on some gages in the 1940s. This installation introduced a discontinuity in precipitation reporting networks when shielded versus non-shielded rain gages were compared. The major difference between the two gage types was the underreporting of rainfall by unshielded gages in storms with high winds. Examination of station records involved in this study do not indicate any Alter wind shields installed on south Louisiana rain gages with the same eight-inch rain gage used for the entire station record at a majority of the stations. There are four sites where an equipment change occurred in the mid 1990s. The NWS Automated Surface Observing System (ASOS) instrumentation package contains a tipping bucket rain gage. The tipping bucket rain gage has been in service since the 1940s with Parsons (1941) first noting the gage may underestimate in heavy rainfall events as the bucket fail to keep up with the heavy water flow into the gage cistern. The records at these four stations were examined for discontinuities coincident with the ASOS installation and are discussed in the Methodology section.

Evaporation effects are another possible reason for station underreporting (Groisman and Legates, 1994). In the precipitation record, the data notation 998 indicates the rainfall amount for that day is

included in the next precipitation amount reported. With cooperative observers, this frequently occurs as observers leave the stations for various reasons or the weather is too inclement to get to the gage to measure the rainfall. In most cases, this lapse of time between the measurement of the rainfall and its correct twenty-four hour period will allow some quantity of the rainfall to evaporate creating an underestimate of the true value. This value has been estimated as .03 mm (Golubev et al, 1992) but is so small it is usually ignored (Legates, 1987; Legates and DeLiberty, 1993). These errors have been accounted for in this research study by taking a Mean Areal Precipitation focus to precipitation seasonality as suggested by Groisman and Legates (1994).

Human errors must be acknowledged for their effects on the long-term record. The observation forms which the cooperative observers and NWS observers use require hand-written entries of observed data. These entries may be written sloppily or in error which may skew monthly averages (Robinson, 1990). These forms must also arrive at the NWS offices and then NOAA archive centers to be entered into the official record. In the earliest portion of the precipitation records, records were lost due to undependable mail service, poor archiving conditions in leaky buildings, and unreliable data inventory systems. Observers must also be trusted to take observations at the designated time. The differences in 24 hour rainfall can be significant if the observations for all stations are to be taken at 7 AM but one station measures their rainfall at 4 PM just after an afternoon thunderstorm.

The stations comprising this study were selected for their length of record and data continuity. The earliest data comes from the New Orleans Weather Bureau Office beginning in 1836 which was located in the United States Commerce House in downtown New Orleans. Early pictures and maps of New Orleans show the extensive changes to the city including waterways, urban growth, and industrial complexes. Changes in the area surrounding the gage can dramatically influence the climate record and corrections must be applied if data shifts are detected (Guttman 1998; Peterson et al., 1998). A majority of data shifts occur as the environment around the rain gage changes. Trees and buildings can shield the gage orifice or create a wind tunnel effect which blows rainfall over the gage causing underestimation (Rhoades and Salinger, 1993).

Relocation of the gages can introduce data discontinuity as observers relocate or retire from the volunteer observer program. A large number of stations were relocated in the 1950 and 1960s from city locations to outlying airports in rural locations (Chagnon, 1992). The impact of site relocation and its effects on the climatological record cannot be overstated and has become the number one obstacle to overcome in the establishment of the Climate Reference Network led by NOAA's National Climatic Data Center (NCDC) (Baker, 2002). The NCDC geographic location factors for Climate Reference Network stations was specifically designed to eliminate the dominant errors inherent in most long term climate

records. The stations in this program must be regionally and spatially representative and not heavily influenced by local topographic or microscale features. The site under consideration must have a high probability of long-term stability with a minimal risk of encroachment, change in land ownership, or inclusion within an endangered species area or historical park. The Oklahoma Mesonet has established a site selection committee which established the network siting requirements as a rural flat area free of obstructions with panoramic pictures available for users to view the surrounding environment (Shafer, 2002).

Overview of Data Assimilation Methods and Climatology Efforts

There have been extensive efforts in the statistical analysis of precipitation to discover seasonal, daily, and hourly fluctuations in order to define the frequency of individual storm events. One of the earliest publications for New Orleans hourly frequency and intensity was published by McDonald in January of 1929. The first publication for the United States which accounted for differing rainfall durations and intensities was published as United States Weather Bureau (USWB) Technical Paper 2 in 1947 which documented maximum rainfall for durations from 5 minutes to 24 hours for the 207 first order stations of the USWB observational network. This was followed by Technical Paper 24 in 1953 which described rainfall intensities for durations of 5 to 240 minutes and 2-, 5-, and 10-year return periods. The research continued through Technical Paper 25 in 1955, 28 in 1956, and 29 with a series from 1957-1960. To support development of a classification scheme for the United States utilizing probable maximum precipitation, Technical Paper 38 was completed in 1960. All of these efforts culminated in May 1961 with the publication of Technical Paper 40, *Rainfall Frequency Atlas of the United States for Durations from 30 minutes to 24 hours and Return Periods from 1 to 100 years*, as prepared by Hershfield.

There has been debate on the accuracy of Technical Paper 40 despite its status as the reference document for most public and private urban engineering design codes. NOAA's Southern Regional Climate Center (SRCC) located at Louisiana State University (LSU), Baton Rouge, has published concerns over Hershfield's work. To address these concerns, the SRCC published SRCC Technical Report 97-1 containing a revised rainfall frequency/ magnitude atlas for the south central United States including southeast Louisiana. The text of Technical Report 97-1 states that the results of Technical Paper (TP) 40 should be revised for the south central United States "Because there are 35 additional years of precipitation data since its publication in 1961; Because of the short periods of record in TP40 with less than half of the stations having more than 15 years of record; and because of the very generalized analysis for the 48 conterminous states." The report outlines a series of documented shortcomings of TP40 and

highlights the need for increased spatial resolution to better simulate the rainfall durations of 3,6,12, and 24 hours for 2-,5-,10-,25-,50-, and 100 year periods.

To derive the variability of maximum and minimum periods of rainfall tremendous amounts of data must be summarized. The establishment of a climate normal of daily precipitation for one station requires an archive of almost 11,000 observations to account for a rainfall measurement taken once each day for 30 years. Statistics have been employed to synthesize this extensive amount of data into the descriptive statistics of rainfall average, variance, and quartiles for a particular station or river basin. These statistical methods as applied to meteorological data sets have been extensively documented by many texts including the early publications of Conrad and Pollak (1950), Brooks and Carruthers (1953), Gumbel (1954), Panofsky and Brier (1958), and Landsberg (1962). In a recent text, Roberson et al (1995) reinforced the importance of an analysis program for precipitation data to obtain required engineering design information.

As precipitation is considered a set of continuous data, the set is often presented as a continuous curve or as a histogram. The division of the data into intervals or classes to comprise the histogram is dependent on standard statistical practice which is outlined by numerous texts including Benjamin and Cornell (1970). From this exercise, relative frequencies of occurrence for a class and a cumulative frequency distribution can be derived. To make valid assumptions for future events, a distribution must be assigned to the rainfall data for the period of record. Many authors have documented the applications of statistics to assign a continuous probability distribution including Gumbel (1958), Chow (1964), Haan (1977), and Bedient (1992).

The discovery of a continuous rainfall record for a station is a rare event. In this study, there are less than 20 stations which have a continuous record and these are usually less than the required 30 years to establish a climate normal (World Meteorological Organization, 1983). Extensive conference sessions and working groups have addressed the topic of methods to resolve missing data. For missing observations, Landsberg (1962) and Gupta (1989), suggest the principle of constant ratios to acquire an approximation for the missing value. The explanation is given as " Let the observations at point A be a_1 and at point B: b_1 . Then $a_1/b_1 = \text{constant}$ or even better take the sum of $a_1 / \sum b_1 = \text{constant}$. The ratio of simultaneous observations is determined and applied to the known value b_2 in one series to obtain the missing value a_2 : $a_2 = \text{const} \times b_2$." To solve other cases of missing data, it is important to understand that the Local Climatological Data (LCD) form from the National Climate Data Center (NCDC). This form notes by "998" that that day's rainfall is included in a following day's precipitation total. The sum of the precipitation for the month will be correct however the daily distribution will be flawed.

Other concerns of the continuity of the climate record come from combining station records. In Naghavi et al (1993), "To provide a long and complete data set for a reliable statistical analysis, records at stations located within a 10-mile radius were combined when a single station with a long and complete record was not present." In some cases large errors will appear in a consistency check of combined records when only distance between stations is considered. There must also be the considerations of soil and vegetation types, elevation, and land use when deciding of precipitation records can be combined (Stellman, 1998).

The determination of a frequency distribution can aid in creating a continuous record. Naghavi et al. (1993), evaluated the combinations of five popular frequency distributions: 2 parameter log normal, 3 parameter log normal, Pearson type 3, Log Pearson type 3, and Extreme-value type 1- Gumbel and three parameter estimation methods: Method of Moments, Maximum Likelihood estimate, and Method of Maximum entropy to see which combination was applicable to rainfall distributions across Louisiana. This study examined 92 rain gage records across Louisiana to derive its data set of 26 synthesized stations. Noting the method this study used to combine stations, the research found that the Log Pearson type 3 distribution was the most appropriate distribution for Louisiana extreme rainfall data with the Method of Moments performing the best in estimating the parameters of the Log Pearson type 3 distribution.

To understand the future precipitation trends of Louisiana and the possible effects on runoff, Keim et al. (1995) used monthly data sets of actual temperature and precipitation observations divided into divisional climatic data sets for the entire period of record (100 year record). This study created two separate divisions across the Lake Pontchartrain Basin, one division for locations north of Lake Pontchartrain (Zone 6) and one division for stations south of Lake Pontchartrain (Zone 9). Keim emphasizes the point that the data set used in this study was that of the Louisiana Office of State Climatology (LOSC). This data set differs from the NCDC divisional data set. The NCDC divisional data set prior to 1930 was derived statistically from averaging the state-wide data and does not consist of observations exclusively within the divisional boundaries. The LOSC divisional data set used here is averaged from stations within the division exclusively, yielding a data set more representative of actual regional climate conditions than the NCDC data for the pre-1930 record. Post 1930 the records are the same. The study also gives a historical perspective of the climate stations across Louisiana noting that the early 1890s only had about 50 sites across the entire state which peaked at nearly 100 stations in the 1960s. The results of the study suggest that summer-autumn precipitation maxima are projected by global climate models and the long term precipitation trend predicted by his research.

An evaluation of weather occurring on a missing rainfall data day is an integral part of assessing the accuracy of the estimated data. Three studies have evaluated the types of weather patterns typically associated with heavy rainfall events in Louisiana following the framework of Muller (1977) and Maddox, et al (1979). In their evaluation of extreme three and 24 hour rainfall events across Louisiana, Faires, et al (1994) used a data set of four first order gaging sites (Shreveport, Lake Charles, Baton Rouge, and New Orleans) with records in excess of 30 years to examine extreme rainfall events meeting the temporal requirements. The rainfall cases were then organized as either being frontal, gulf tropical disturbance, or air mass to understand the frequency of events associated with these classifications. A second study was completed by Belville (1982) to document the upper level patterns and associated surface features frequently associated with heavy rainfall across the state. This followed the Johnson et al. (1987) study which examined seventy heavy rainfall events. Daily weather maps were examined for each of these events with identification of five upper air patterns and five surface patterns typically identified with heavy rainfall events in Louisiana.

Methodology

Derivation of the Preliminary Data Set

A search was conducted for stations collecting daily rainfall observations across southeast Louisiana and southern Mississippi. The search area was right of a line extending from New Iberia, Louisiana, to Angola, Louisiana, to Brookhaven, Mississippi, to Leakesville, Mississippi, to Pascagoula, Mississippi. For the first pass, several sources were used to identify any precipitation stations collecting daily rainfall for the time period ending in 2002. For this first pass, continuity and length of record were not considered. The focus of this effort was only to identify potential stations. Electronic web pages provided this preliminary data including the Access to Historical Data page supported by the National Weather Service (NWS) NOAA Hydrologic Data Systems Group (NHDS), and a series of web pages maintained by the National Climate Data Center (NCDC) containing data from Local Climatological Data (LCD) and Climatological Summary forms. Original paper copies of historical rainfall records prior to 1948 were located in storerooms of the NWS New Orleans-Baton Rouge Forecast Office, Tulane University Howard-Tilton Memorial Library, and NOAA Southern Region Climate Center (SRCC). This initial search yielded over 200 rainfall stations reporting daily rainfall for the period.

The next test examined the station's length and continuity of its observational record. Rainfall stations which had continuous records of ten years or less were discarded. This screening process yielded 94 Louisiana stations and 42 southern Mississippi stations. For each station, observational records were examined for excessive missing data. Stations which contained excessive missing data were set aside for further review if data was discovered from other sources which could fill in the record.

Compiling the Final Data Set

Daily rainfall data was initially downloaded from the Access to Historical Data page supported by the NWS NHDS Group. This page provides NCDC TD-3200 daily rainfall data in a digitized format which is easily placed into electronic spreadsheets. For each of the 94 Louisiana stations and 42 southern Mississippi stations, daily rainfall totals were downloaded for the period of record. This data source yielded only a portion of the rainfall record as the earliest records available were usually January of 1948. From LCD sheets discovered in the storerooms of the NWS New Orleans-Baton Rouge Forecast Office, most of the stations had extensive rainfall records prior to January 1948. To find these early records, several techniques and sources were used.

From personal communication with NCDC and NOAA SRCC, a CD-Rom of observations for Louisiana and Mississippi prior to 1948 was produced at NCDC. This CD-Rom contained Cooperative Summary of the Day TD-3206 data for a majority of the stations. The CD-Rom is a tremendous data source except every station record contained all the daily meteorological elements which the station observed. This did not allow for the precipitation data to be easily extracted and converted to electronic form and required extensive data manipulation to input daily rainfall measurements into electronic spreadsheets. Although this effort dramatically extended the length of record for approximately half of the stations, there remained a significant amount of early data which remained lost.

A literary search by NOAA SRCC identified early publications which might fill in the significant data gaps. This search yielded three critical rainfall publications which were published for each state by the United States Weather Bureau, the precursor to the NWS, and were located in the Government documents section of Tulane University Howard-Tilton Memorial Library. The first document, "Climatic Summary of the United States-Climatic Data Herein From the Establishment of Stations to 1930 Inclusive," provided monthly precipitation totals back to 1836. The supplement to this publication, "Climatic Summary of the United States-Supplement for 1931 Through 1952," continued the record of monthly sums and provided overlap from 1948 to 1952 to insure station records were correct from the CD-Rom and NWS NOAA NHDS web page. The third document, "Technical Paper Number 15-Maximum Station Precipitation for 1,2,3,6,12, and 24 Hours," provided rainfall totals for 24 hour extreme events which occurred prior to 1950. The data from these sources was incorporated into the electronic spreadsheets containing the NCDC CD-Rom data and NHDS data and scanned for data discrepancies. This scan yielded many instances of differences between the monthly sum reported by the paper publications and the sum taken from the values contained on the NCDC TD-3206 data CD-Rom.

To resolve these discrepancies, personal communication with the Climate Division Branch Chief of NCDC and the Director of NCDC, led to the following data hierarchy to assure the data accuracy of daily rainfall amounts used for this study. In the case of a discrepancy, the two primary data sources should be published paper records and the Annual Climatological Summary which is available on the NCDC web page. Paper records will take precedence over all electronic data except for the Annual Climatological Summary due to errors in digitizing the data in the late 1970s and early 1980s. The Annual Climatological Summary is considered by NCDC as the official record for the station due to its rigorous data quality control procedures. Based on their recommendations, an electronic spreadsheet was compiled for each of the rainfall stations being considered for the database. On each spreadsheet, discrepancies in data values were noted for further examination to determine which value would be included in the station record.

To complete the database for individual rainfall stations, each data discrepancy was examined. An invaluable tool in this task was historical monthly and Annual Climatological Data publications found on the NCDC web page. This amazing resource provides climatological data for Louisiana from January 1888 to present and Mississippi from April 1897 with early documents published as monthly reports of the Climate and Crop Service of the United States Weather Bureau and *Louisiana Weather Journal*. From these scanned paper documents most of the discrepancies between the CD-Rom TD-3206 data and the paper Climatic Summaries for data prior to 1952 were resolved. The majority of errors were due to erroneous encoding of the paper data into the NCDC CD-Rom database. For this study, data in the electronic MAP spreadsheets highlighted in light blue represents data corrected by values contained in the scanned paper documents.

These extensive efforts, including scans for excessive missing data provided a daily rainfall database for southeast Louisiana and southern Mississippi for the period from 1836 to December 2002. The New Orleans Weather Bureau (WB) City, whose initial location was the United States Custom House in downtown New Orleans, was the first station to record monthly rainfall totals beginning in January 1836. Daily rainfall totals were recorded starting in January 1871 and continued until the station was closed in April 1979. The Baton Rouge station was another observation site operating prior to the Civil War with monthly rainfall sums beginning January 1843 and daily rainfall totals starting June 1892. Table 1 contains the list of stations selected for the initial stages of the research study. The table gives the NCDC station number which identifies the specific station chosen for the study as some cities have multiple stations. The Begin date listed in the table is the date which rainfall observations began. The date listed in the End column is the date the station stopped taking rainfall observations. In the cases where no date is listed, the station remains in operation and continues to record observations. For stations which have multiple begin and end dates, the second begin date indicates the month and year the observations resumed after an extended break in the rainfall record.

Station	State	Station	Lat	Lon	Elev	Begin	End	ASOS
	Number	Number			(feet)			Install Date
Abita Springs F.T.	16	21	30 26'	90 03'	30	April 1973		
Amite	16	205	30 43'	90 32'	130	April 1888		
Angola	16	244	30 56'	91 38'	49	September 1913	November 1964	
Atchafalaya	16	367	30 21'	91 43'	30	January 1931	July 1969	
Baton Rouge Ryan	16	549	30 32'	91 09'	64	January 1843		May 1, 1993
Bayou Sorrel Lock	16	565	30 08'	91 91'	15	October 1969		
Bogalusa	16	945	30 47'	89 51'	100	July 1930		
Boothville	16	1157	29 20'	89 24'	0	April 1965	April 1988	June 30, 1999
Buras	16	1292	29 20'	89 31'	5	September 1945	December 1969	
						August 1989		
Burrwood	16	1335	28 58'	89 23'	13	January 1893	January 1965	
Carville	16	1565	30 12'	91 07'	25	September 1937		
Cinclare	16	1807	30 24'	91 14'	30	October 1910	August 1965	
Clinton 4ENE	16	1891	30 53'	90 57'	250	March 1888	June 1990	
Clinton 5SE	16	1899	30 49'	90 58'	200	August 1974		
Covington	16	2151	30 29'	90 07'	40	August 1892		
Denham Springs	16	2350	30 29'	90 58'	35	February 1978		
Donaldsonville	16	2534	30 07'	90 59'	30	January 1888		
Franklin	16	3313	29 47'	91 03'	10	April 1892		
Franklinton	16	3321	30 51'	90 10'	124	September 1910	June 1969	
Franklinton 3SW	16	3327	30 49'	90 11'	145	October 1956	October 1997	
Galliano	16	3433	29 28'	90 18'	5	January 1968		
Gonzales	16	3695	30 14'	90 55'	10	January 1978		
Grand Coteau	16	3800	30 25'	92 02'	55	August 1884		
Grand Isle	16	3807	29 14'	90 00'	2	March 1947	October 1967	
						January 1985		
Greensburg	16	3846	30 50'	90 40'	230	March 1958	September 1981	
Greenwell Springs	16	3867	30 33'	90 59'	60	January 1967		
Hammoud	16	4034	30 29'	90 28'	90	December 1888		
Houma	16	4407	29 35'	90 44'	15	October 1888		
Jeanerette	16	4674	29 58'	91 43'	20	January 1889		
Kentwood	16	4859	30 57'	90 31'	230	August 1940		
Lafayette Airport	16	5026	30 12'	91 59'	38	April 1888		August 25, 1998
LSU Ben Hur	16	5620	30 22'	91 10'	21	January 1963		
Melville	16	6117	30 41'	91 44'	30	January 1886		
Metairie/DPS 6	16	6157	29 59'	90 09'	0	December 1949		
Morgan City	16	6394	29 41'	91 11'	5	January 1905		
New Iberia	16	6657	30 02'	91 49'	10	May 1882	February 1929	
						September 1947		
New Roads	16	6686	30 42'	91 26'	39	October 1942	September 1965	
						April 1973		
Algiers	16	6666	29 57'	90 03'	2	January 1946		
Audubon	16	6664 and	29 55'	90 08'	10	January 1893		
DPS 3/ London	16	6675	29 59'	90 04'	10	January 1946	February 1991	
DPS 5/Jourdan	16	6672	29 59'	90 01'	10	January 1946	February 1991	
DPS 14/Eastover	16	6668	30 04'	89 58'	0	January 1961	November 1995	
Moisant	16	6295 and	30 00'	90 15'	4	January 1947		May 1, 1996
N.O. Jefferson	16	6671	29 56'	90 06'	0	January 1946	June 1978	
N.O. WB City	16	6659	29 57'	90 05'	3	January 1836	March 1979	
N.O. Dublin	16	6669	29 57'	90 08'	20	January 1946	February 1991	
Oaknoia	16	6911	30 45'	91 00'	150	September 1941		
Old River Lock	16	6962	31 00'	91 40'	70	January 1965	January 1989	
Paradis	16	7096	29 47'	90 26'	5	July 1911		
Pearl River	16	7160	30 23'	89 44'	13	June 1906	December 1962	
Pearl River Lock 1	16	7161	30 27'	89 47'	30	January 1948	March 1985	
Pine Grove F.T.	16	7304	30 43'	90 45'	190	December 1942		
Port Allen	16	7448	30 27'	91 13'	15	April 1975		
Port Sulphur	16	7471	29 29'	89 42'	10	August 1935	December 1964	
Quarantine	16	7572	29 13'	89 16'	10	October 1952	January 1978	
Reserve	16	7767	30 04'	90 34'	10	March 1901		
St Bernard	16	8108	29 52'	89 50'	5	March 1966		
Sheridan Fire Tower	16	8405	30 51'	89 59'	330	February 1956		
Slidell	16	8539	30 16'	89 46'	10	September 1988		
Slidell WSMO	16	8543	30 21'	89 49'	28	September 1988		August 13, 1998
Springville Fire Towe	16	8715	30 26'	90 39'	30	June 1955	January 1987	
Ville Platte	16	7369	30 42'	92 17'	70	January 1930	June 1970	
						January 1992		
Zachary	16	9930	30 41'	91 08'	120	February 1975		

Table 1

Assembly of Station Record for Statistical Analysis

For each of the stations included in the study, an electronic spreadsheet was compiled for its length of record. The importance of a continuous rainfall record has been discussed to discover data discontinuities due to station relocation, changes in observation equipment, or changes in the area

surrounding the site. To eliminate as much missing data as possible, individual spreadsheets were produced for each month beginning January of 1836. These sheets provide a picture of the Mean Areal Precipitation (MAP) across the study area. A major limitation for missing data prior to 1895 is the reduced number of stations available and the lack of daily totals prior to 1890. Due to these factors, only data missing after 1900 was examined to see if a value could be determined. In precipitation records, missing data is noted by the numbers “998” or “999.” The first pass to eliminate missing data was to identify “998” data. This means the rainfall for that day was included in the total of the next precipitation measurement which could be the next day or several days after the “998” day. These cases represented a majority of the missing data as rainfall observers were unable to gather the observation due to inclement weather or leaving the station. These “998” days are shaded gray in the database and the “998” was replaced with a zero since its value will be included with another value. This method would harm a frequency analysis but this statistical study is focused on the monthly sum.

Data shaded in red in the database were identified and replaced by methods employed in the second and third pass. The second pass to replace missing data was to see if rain occurred anywhere in the study area on the missing day. If this examination determined a “no rain” day, then a zero was substituted into the record and shaded red. The third pass is the most subjective. For each “999” value, the MAP pattern across the area was studied. Estimated rainfall values were only substituted on a very limited basis and within a limited set of situations. Values were substituted when there was a clear case of no rainfall in an extensive area around the station or after 1995 the NCDC NEXRAD Radar archives showed no radar echoes in the area. Values were not substituted if the MAP analysis suggested a substitute value exceeding a 25 year return period based on Technical Paper 40 and weather maps confirmed atmospheric conditions conducive for stratiform excessive rainfall, convective rainbursts, or a landfalling tropical system.

With most of the missing data resolved, there emerged stations which had long term records and served as a reference for their region. These reference stations were used to run double mass analysis as described by Kohler (1949) and Gupta (1995) to find data shifts and apply correction coefficients. These reference stations and interval of reference, which may be a partial of their entire record, were Abita (1980-2002), Donaldsonville (1892-1964), Franklin (1894-1932), Franklinton (1925-1964), Greenwell Springs (1968-2002), Gonzales (1978-2002), Jeanerette (1971-2002), Lafayette (1889-1984), Louisiana State University Ben Hur (1977-2002), New Orleans Sugar Experiment Station/Audubon (1895-1943), New Orleans DPS3-London (1946-1991), New Orleans Jefferson (1946-1977), New Orleans Moisant International Airport (1947-2002), New Orleans Weather Bureau Office (1870-1974), Oaknolia (1948-2002), Pearl River (1907-1962), Port Sulphur (1936-1964), and Slidell (1971-2002).

To further insure the integrity of all the data used for the statistical analysis, station history forms archived by the Data Acquisition Program Manager at NWS New Orleans-Baton Rouge were examined. Dates for station equipment changes and relocations were recorded and superimposed on the station records. Data five years prior and five years after the change or relocation were examined for data shifts and compared to the cumulative rainfall record of the regional reference station if available. Data discontinuities in these situations were not found to significantly affect the integrity of the record with the exception of New Orleans DPS 14/Eastover. This record was truncated back to June 1987 due to the highly intermittent reporting of data from July 1987 to March 1993 when the station was re-established and an abnormal data shift occurred. The integrity of this data quality process, especially the lack of corrections to shift the data, was confirmed by personal communications with hydrologists of the NWS Lower Mississippi River Forecast Center and previous work of the author (Van Cooten, 2000).

Presentation of Results

Annual Station Statistics: Procedures and Presentation

For the scope of this statistical analysis, only Louisiana stations were included although Mean Areal Precipitation data sheets include Mississippi stations to aid in assessing rainfall patterns. For each of the Louisiana stations, a monthly mean was derived by summing the rainfall for a particular month over the period of record and dividing by the number of months recording a monthly sum. This eliminated the possibility for missing months to skew the monthly average since only those months reporting a monthly sum were included. To determine an average monthly rainfall for a particular station, each of these monthly means (January-December) were summed and then divided by 12. A variance was calculated for the 12 monthly means about this average monthly rainfall. Histograms for monthly averages are presented in Figures 1 through 59 with the annual monthly mean and the variance of the twelve monthly averages about this annual mean presented in parenthesis after the station name.

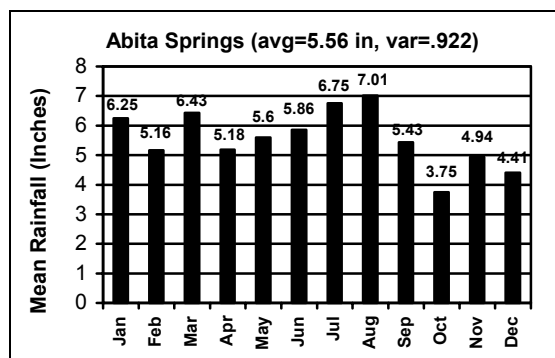


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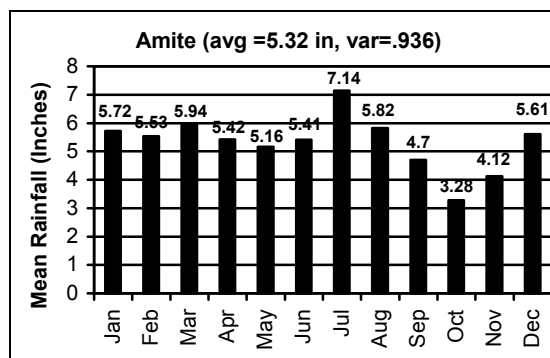


Figure 2

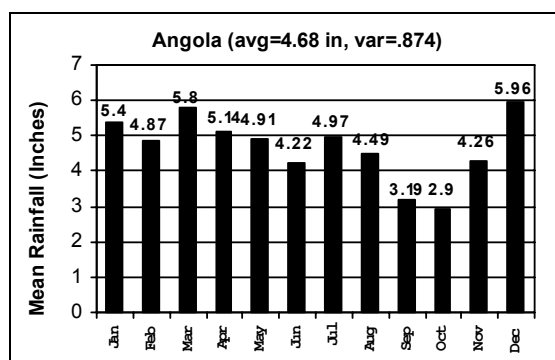


Figure 3

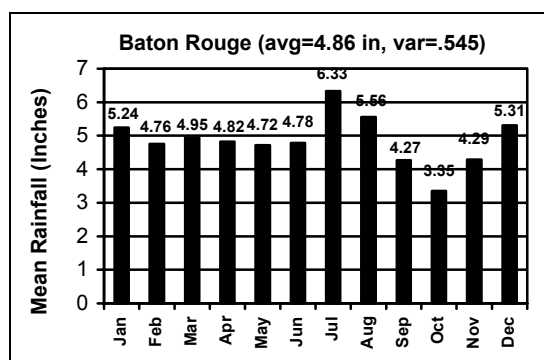


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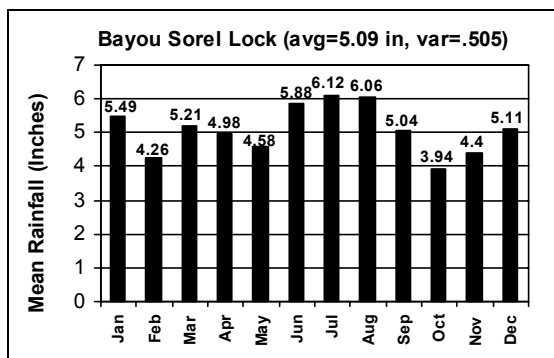


Figure 5

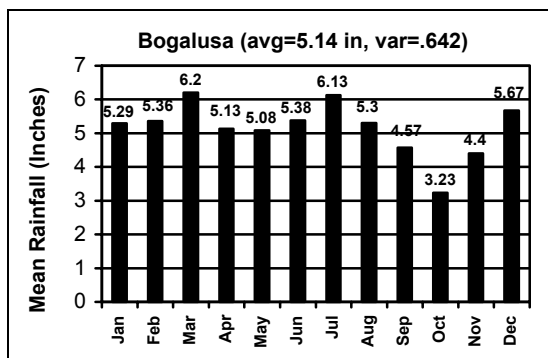


Figure 6

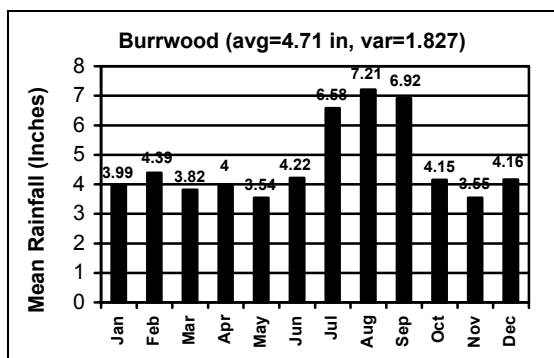


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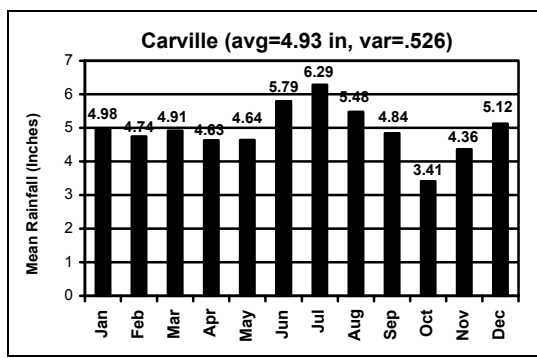


Figure 8

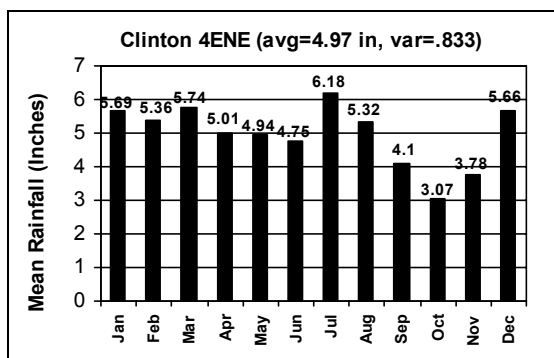


Figure 9

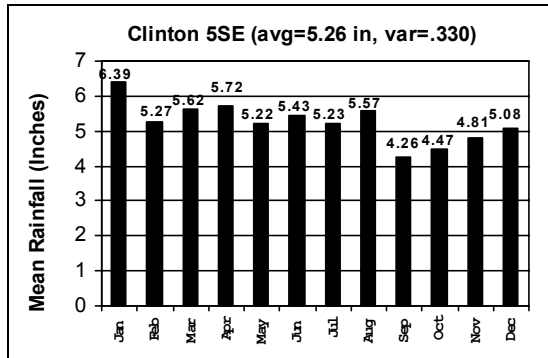


Figure 10

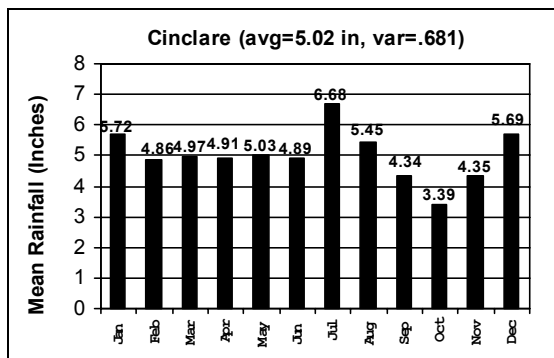


Figure 11

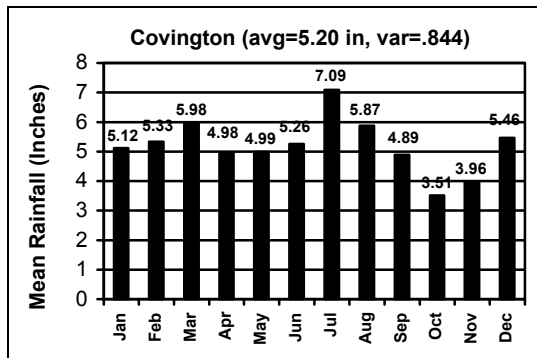


Figure 12

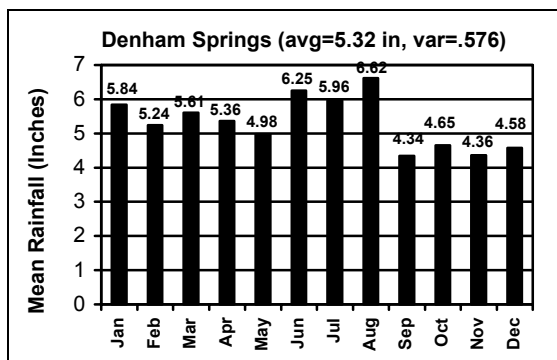


Figure 13

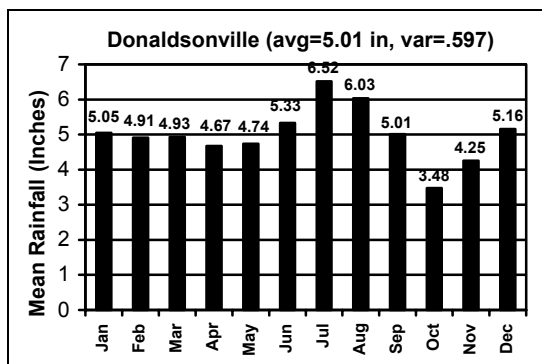


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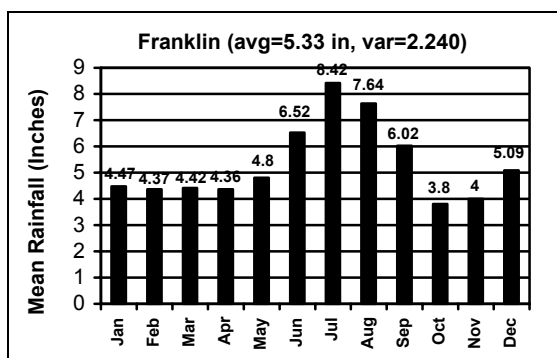


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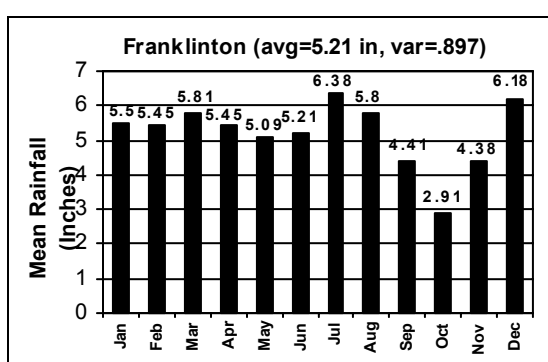


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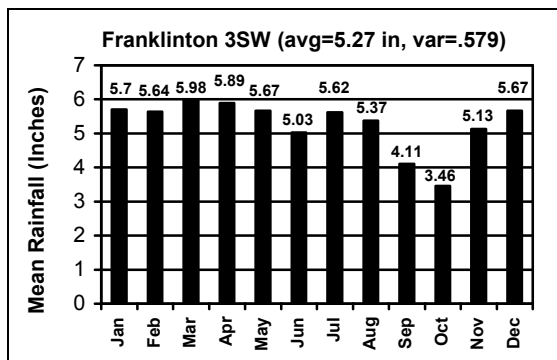


Figure 17

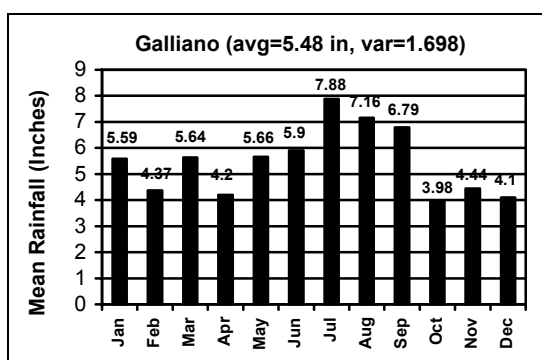


Figure 18

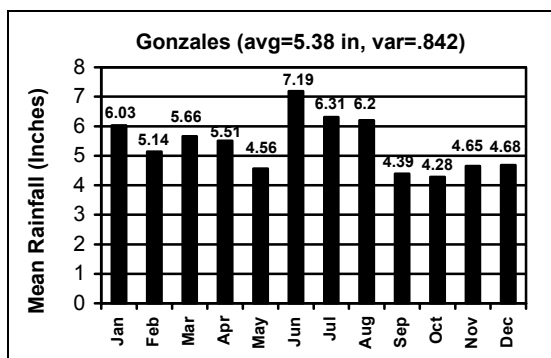


Figure 19

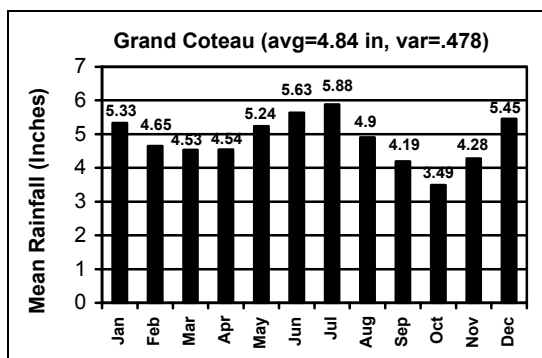


Figure 20

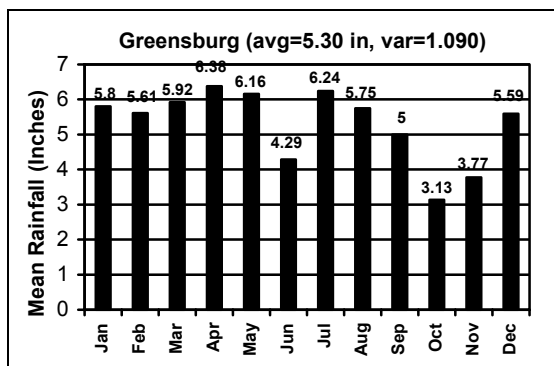


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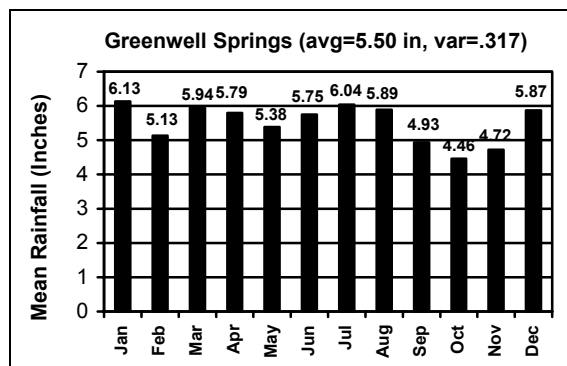


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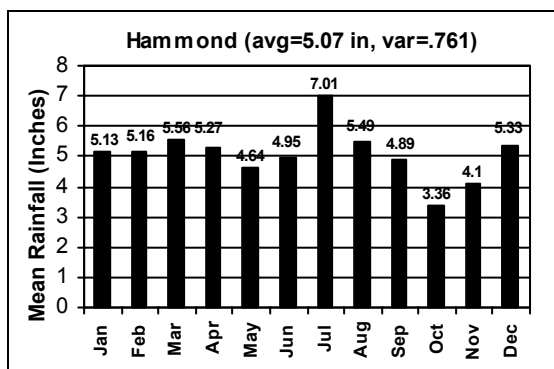


Figure 23

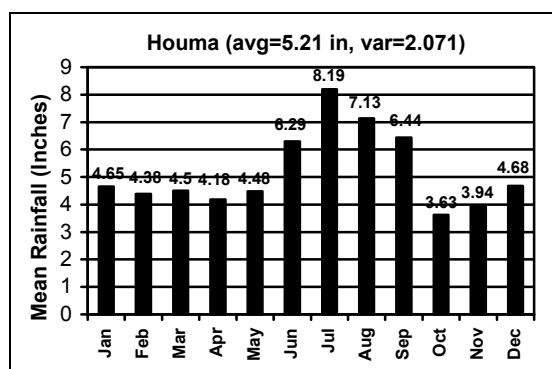


Figure 24

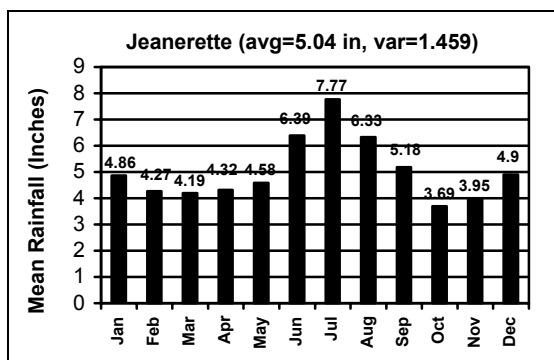


Figure 25

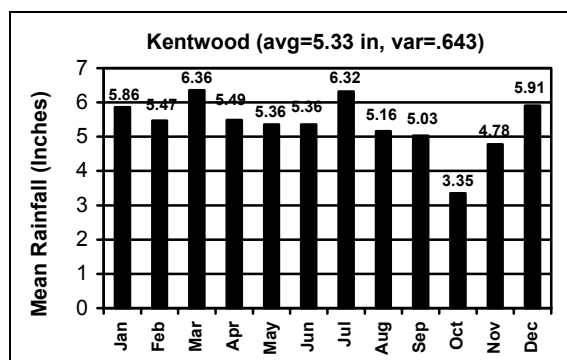


Figure 26

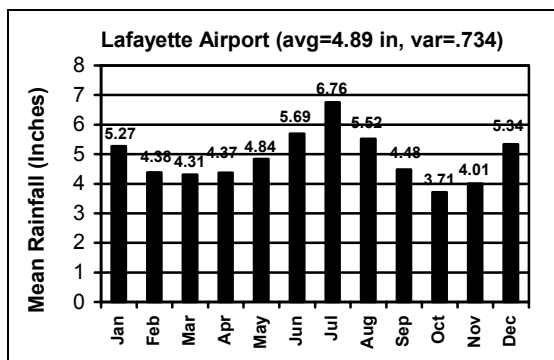


Figure 27

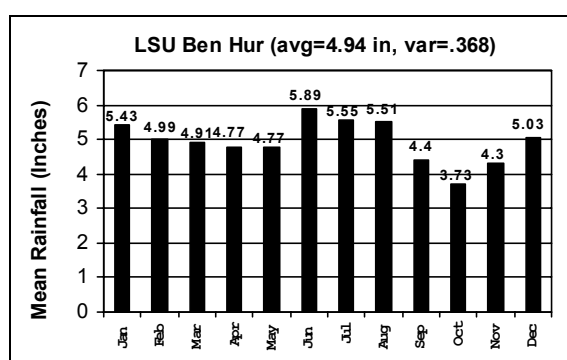


Figure 28

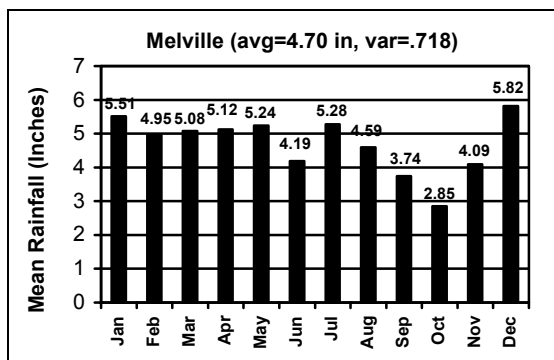


Figure 29

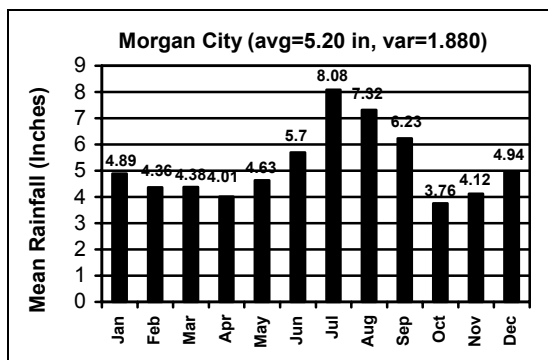


Figure 30

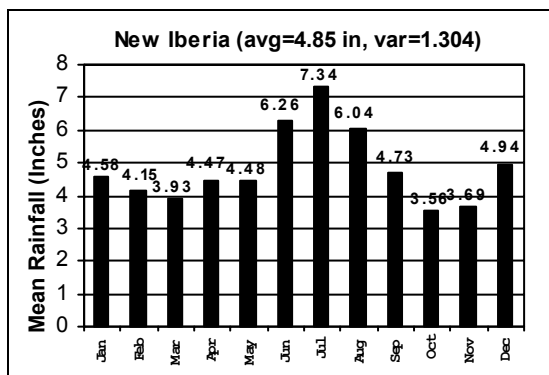


Figure 31

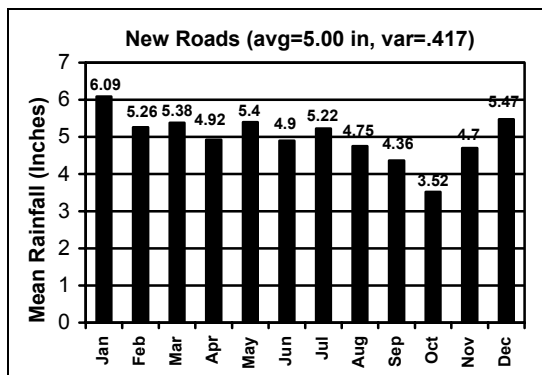


Figure 32

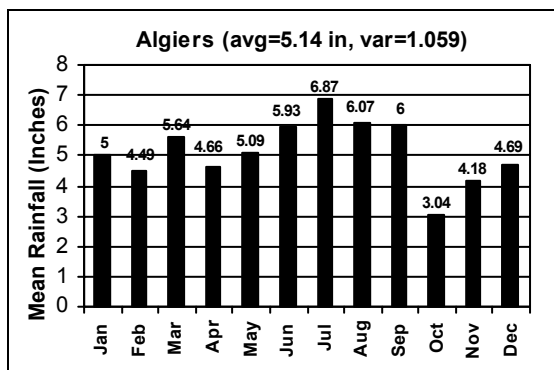


Figure 33

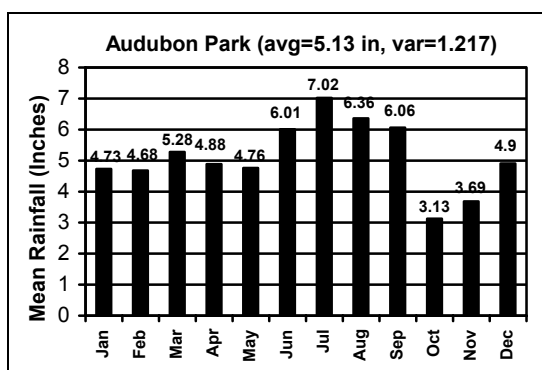


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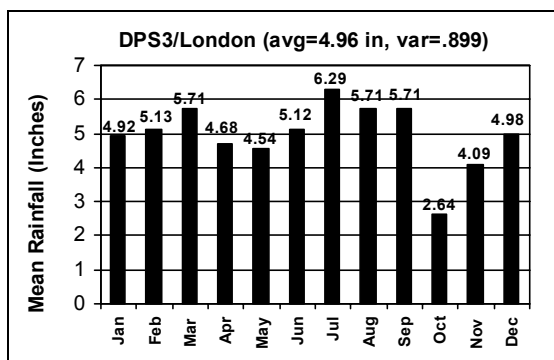


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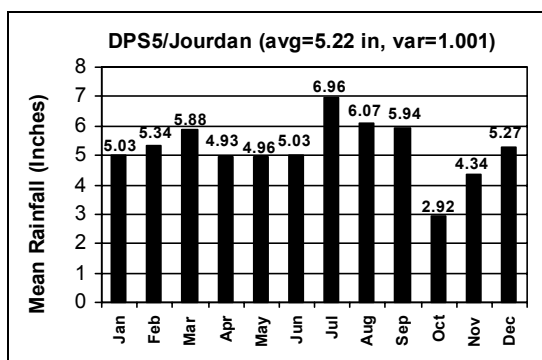


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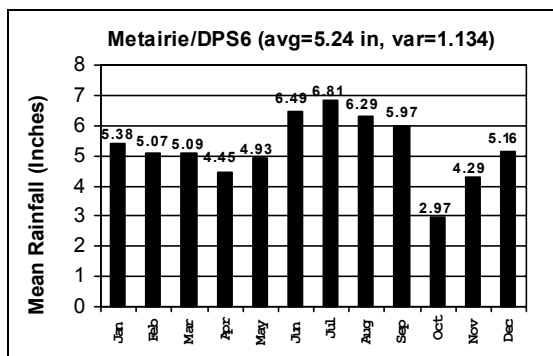


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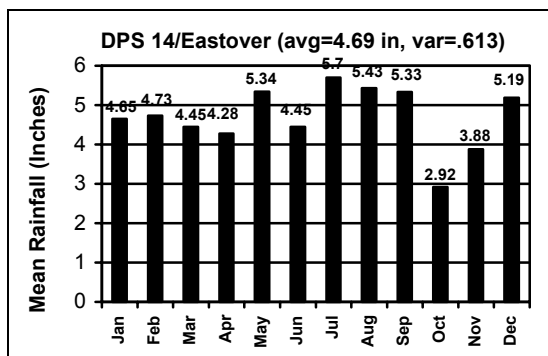


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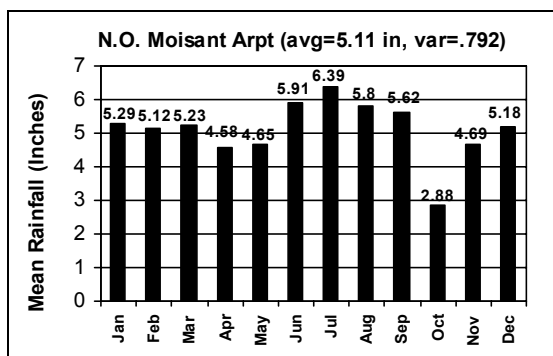


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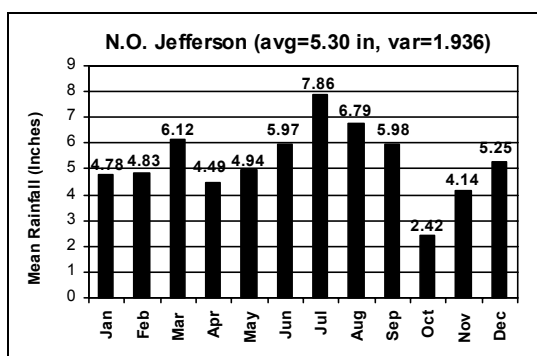


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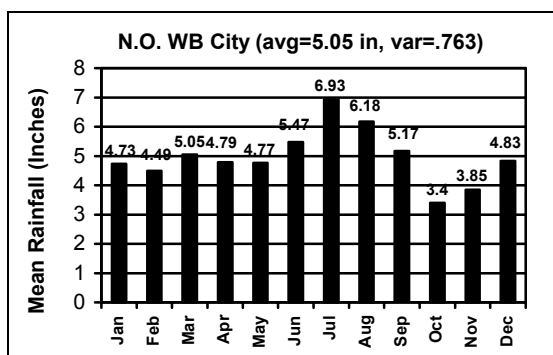


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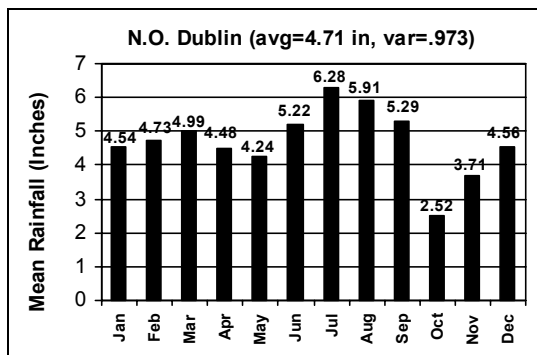


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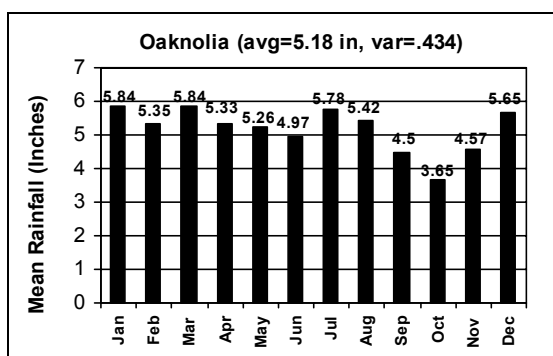


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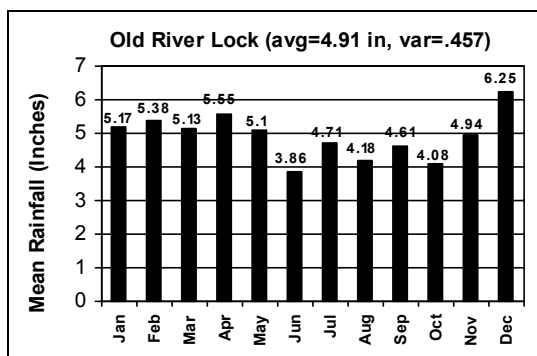


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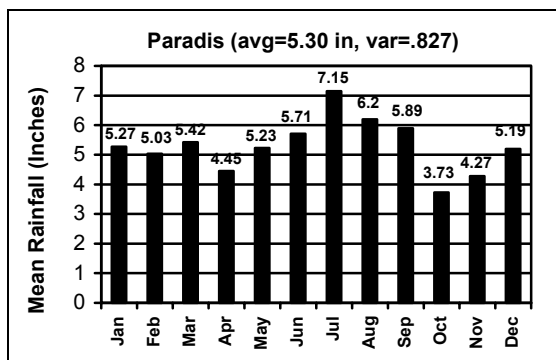


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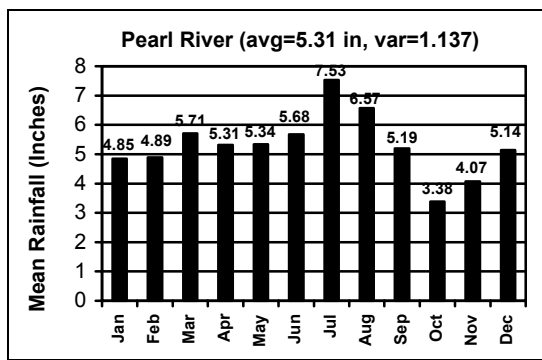


Figure 46

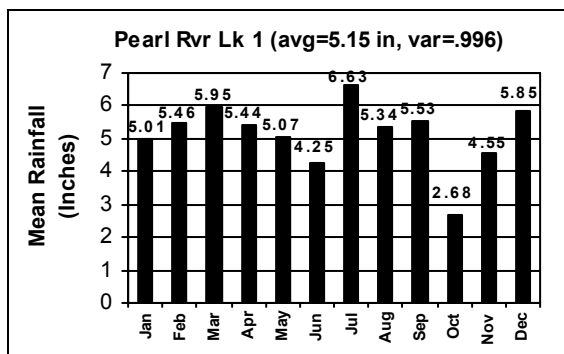


Figure 47

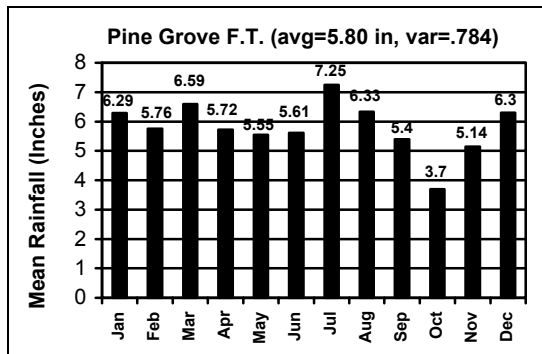


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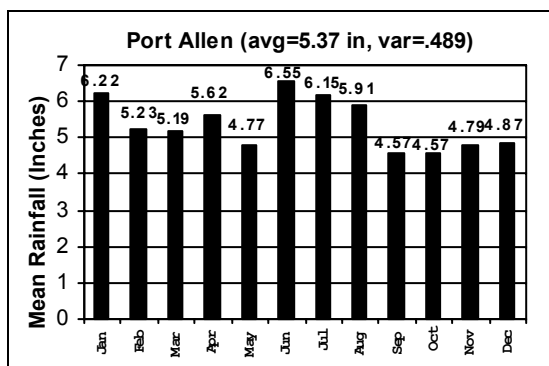


Figure 49

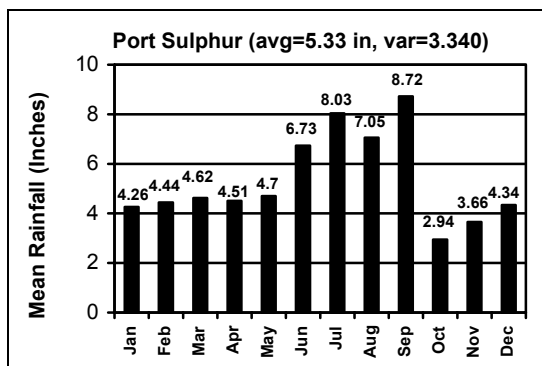


Figure 50

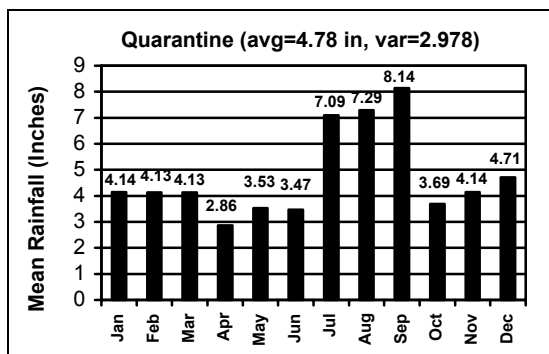


Figure 51

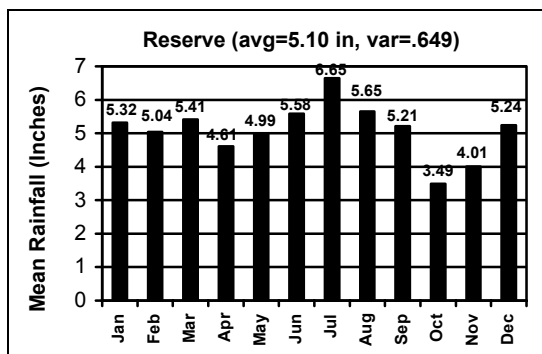


Figure 52

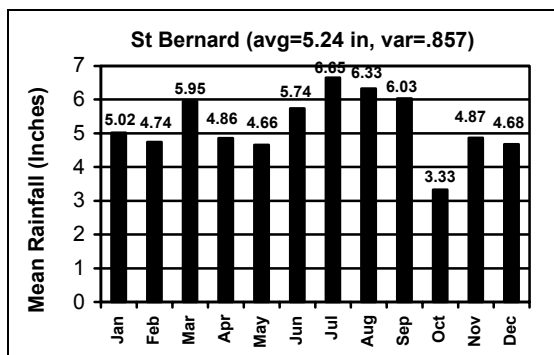


Figure 53

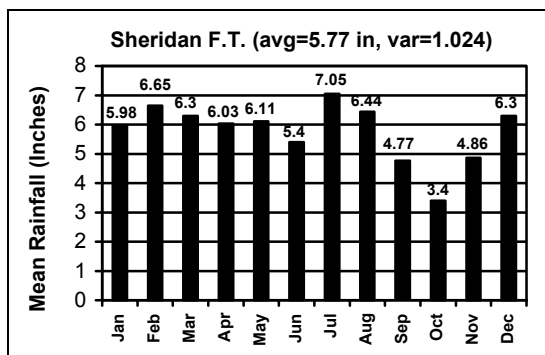


Figure 54

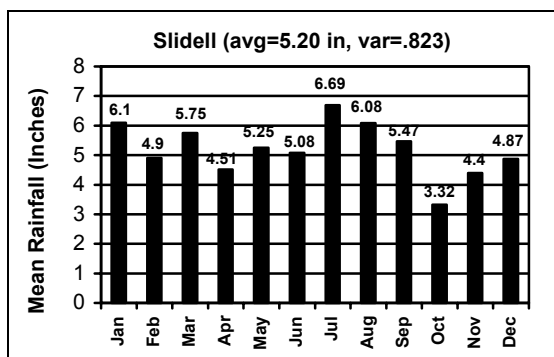


Figure 55

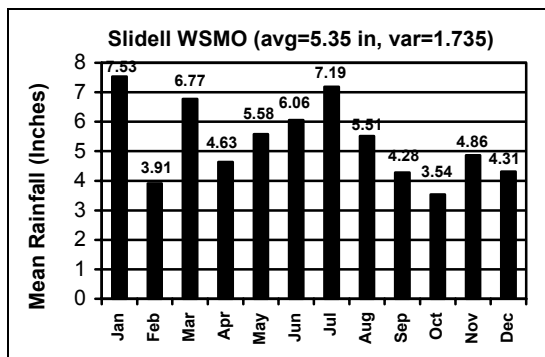


Figure 56

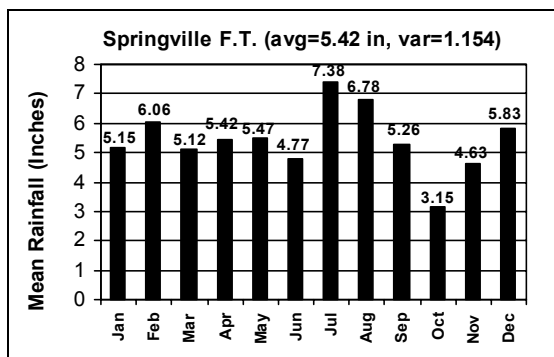


Figure 57

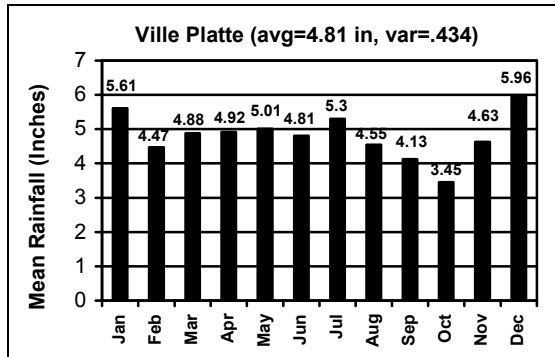


Figure 58

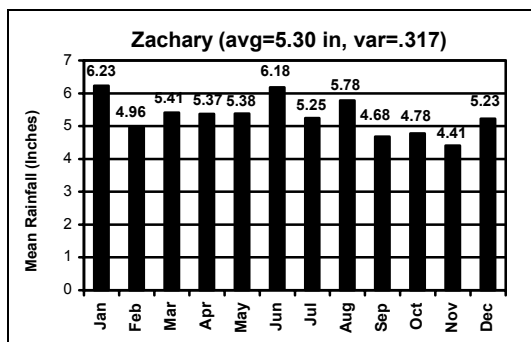


Figure 59

Determination of Data Distribution

The Shapiro-Wilk test was performed to determine the distribution of the monthly means for an annual period of 12 months. The text of McBean and Rovers (1998) indicates a preference for the Shapiro-Wilk test when applied to small data populations ($n < 30$). This preference is due to errors which occur in the tails of the normal distribution with the small sample size. This test was performed on each of the stations beginning with ranking the monthly means from the maximum value to the minimum value. Once this ranking process was completed then the ranking was repeated except the order reversed to have monthly means ranked from minimum to maximum values. A difference was then calculated between the two rankings and multiplied by Shapiro-Wilk coefficients for a sample size of 12. The Shapiro-Wilk method coefficients of .5475, .3325, .2347, .1586, .0922, and .0303 were multiplied by difference 1 through 6 which is the inflection point from positive values of the difference to negative values. These multiplied values from 1 through 6 were summed to find a Shapiro-Wilk value for each station. These calculated Shapiro-Wilk W-statistics were then compared to the text Shapiro-Wilk statistic for twelve observations at a five percent level of significance of 0.859. If the station's Shapiro-Wilk W-statistic is greater than .859 then the 12 monthly averages can be assumed to be normally distributed. This comparison yielded five stations with calculated Shapiro-Wilk W-statistics less than .859. Table 2 presents these results with cells shaded red indicating those stations whose calculated Shapiro-Wilk value is less than .859. The stations of Burrwood ($W=.740$), Franklin ($W=.851$), Franklinton 3SW ($W=.791$), Houma ($W=.857$) and Quarantine ($W=.813$) based on the Shapiro-Wilk test have monthly averages which are not normally distributed in a twelve month period for the length of their precipitation records.

Monthly Means			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Monthly Mean	Variance	Std Dev	Computed Shapiro Wilk Value (W=.859)
Abita Springs F.I.	16	21	6.25	5.16	6.43	5.18	5.60	5.86	6.75	7.01	5.43	3.75	4.94	4.41	5.564	0.922	0.960	0.980
Amite	16	205	5.72	5.53	5.94	5.42	5.16	5.41	7.14	5.82	4.70	3.28	4.12	5.61	5.321	0.936	0.967	0.932
Angola	16	244	5.40	4.87	5.80	5.14	4.91	4.22	4.97	4.49	3.19	2.90	4.26	5.96	4.676	0.874	0.935	0.941
Atchafalaya	16	367																
Baton Rouge Ryan	16	549	5.24	4.76	4.95	4.82	4.72	4.78	6.33	5.56	4.27	3.35	4.29	5.31	4.863	0.545	0.738	0.962
Bayou Sorrel Lock	16	565	5.49	4.26	5.21	4.98	4.58	5.88	6.12	6.06	5.04	3.94	4.40	5.11	5.089	0.505	0.710	0.957
Bogalusa	16	945	5.29	5.36	6.20	5.13	5.08	5.38	6.13	5.30	4.57	3.23	4.40	5.67	5.145	0.642	0.801	0.905
Boothville	16	1157																
Buras	16	1292																
Burrwood	16	1335	3.99	4.39	3.82	4.00	3.54	4.22	6.58	7.21	6.92	4.15	3.55	4.16	4.710	1.827	1.352	0.740
Carville	16	1565	4.98	4.74	4.91	4.63	4.64	5.79	6.29	5.48	4.84	3.41	4.36	5.12	4.932	0.526	0.725	0.957
Cinclare	16	3165	5.72	4.86	4.97	4.91	5.03	4.89	6.68	5.45	4.34	3.39	4.35	5.69	5.024	0.681	0.825	0.959
Clinton 4ENE	16	1891	5.69	5.36	5.74	5.01	4.94	4.75	6.18	5.32	4.10	3.07	3.78	5.66	4.967	0.833	0.913	0.931
Clinton SSE	16	1899	6.39	5.27	5.62	5.72	5.22	5.43	5.23	5.57	4.26	4.47	4.81	5.08	5.256	0.330	0.574	0.971
Covington	16	2151	5.12	5.33	5.98	4.98	4.99	5.28	7.09	5.87	4.89	3.51	3.96	5.46	5.203	0.844	0.919	0.949
Dennam Springs	16	2350	5.84	5.24	5.61	5.36	4.98	6.25	5.96	6.62	4.34	4.65	4.36	4.58	5.317	0.576	0.759	0.950
Donaldsonville	16	2534	5.05	4.91	4.93	4.67	4.74	5.33	6.52	6.03	5.01	3.48	4.25	5.16	5.007	0.597	0.773	0.946
Franklin	16	3313	4.47	4.37	4.42	4.36	4.80	6.52	6.42	7.64	6.02	3.80	4.00	5.09	5.327	2.240	1.497	0.851
Franklinton	16	3321	5.50	5.45	5.81	5.45	5.09	5.21	6.38	5.80	4.41	2.91	4.38	6.18	5.215	0.897	0.947	0.894
Franklinton JSW	16	3327	5.70	5.64	5.98	5.89	5.67	5.03	5.62	5.37	4.11	3.46	5.13	5.67	5.272	0.579	0.761	0.791
Galliano	16	3433	5.59	4.37	5.64	4.20	5.66	5.90	7.88	7.16	6.79	3.98	4.44	4.10	5.475	1.698	1.303	0.909
Gonzales	16	3695	6.03	5.14	5.66	5.51	4.56	7.19	6.31	6.20	4.39	4.28	4.65	4.68	5.384	0.842	0.918	0.929
Grand Coteau	16	3800	5.33	4.65	4.53	4.54	5.24	5.63	5.88	4.90	4.19	3.49	4.28	5.45	4.844	0.478	0.692	0.972
Grand Isle	16	3807																
Greensburg	16	3846	5.80	5.61	5.92	6.38	6.16	4.29	6.24	5.75	5.00	3.13	3.77	5.59	5.302	1.090	1.044	0.860
Greenwell Springs	16	3867	6.13	5.13	5.94	5.79	5.38	5.75	6.04	5.89	4.93	4.46	4.72	5.87	5.502	0.317	0.563	0.886
Hammond	16	4034	5.13	5.16	5.56	5.27	4.64	4.95	7.01	5.49	4.89	3.36	4.10	5.33	5.075	0.761	0.872	0.923
Houma	16	4407	4.65	4.38	4.50	4.18	4.48	6.29	8.19	7.13	6.44	3.63	3.94	4.68	5.207	2.071	1.439	0.857
Jeanerette	16	4674	4.86	4.27	4.19	4.32	4.58	6.39	7.77	6.33	5.18	3.69	3.95	4.90	5.036	1.459	1.208	0.878
Kentwood	16	4859	5.86	5.47	6.36	5.49	5.36	5.36	6.32	5.16	5.03	3.35	4.78	5.91	5.371	0.641	0.801	0.881
Lafayette Airport	16	5026	5.27	4.38	4.31	4.37	4.84	5.69	6.76	5.52	4.48	3.71	4.01	5.34	4.890	0.734	0.857	0.942
LSU Ben Hur	16	5620	5.43	4.99	4.91	4.77	4.77	5.89	5.55	5.51	4.40	3.73	4.30	5.03	4.940	0.368	0.607	0.972
Melville	16	6117	5.51	4.95	5.08	5.12	5.24	4.19	5.28	4.59	3.74	2.85	4.09	5.82	4.704	0.718	0.847	0.931
Metairie/DPS 6	16	6157	5.38	5.07	5.09	4.45	4.93	6.49	6.81	6.29	5.97	2.97	4.29	5.16	4.846	1.134	1.065	0.957
Morgan City	16	6394	4.89	4.36	4.38	4.01	4.63	5.70	8.08	7.32	6.23	3.76	4.12	4.94	5.139	1.880	1.371	0.869
New Iberia	16	6657	4.58	4.15	3.93	4.47	4.48	6.26	7.34	6.04	4.73	3.56	3.69	4.94	4.846	1.304	1.142	0.890
New Roads	16	6686	6.09	5.26	5.38	4.92	5.40	4.90	5.22	4.75	4.36	3.52	4.70	5.47	4.996	0.417	0.646	0.943
Algiers	16	6666	5.00	4.49	5.64	4.66	5.09	5.93	6.87	6.07	6.00	3.04	4.18	4.69	5.139	1.059	1.029	0.973
Audubon	16	6664 and 666	4.73	4.68	5.28	4.88	4.76	6.01	7.02	6.36	6.06	3.13	3.69	4.90	5.126	1.217	1.103	0.961
DPS 3/ London	16	6675	4.92	5.13	5.71	4.68	4.54	5.12	6.29	5.71	5.71	2.64	4.09	4.98	4.959	0.899	0.948	0.907
DPS 5/Jourdan	16	6672	5.03	5.34	5.88	4.93	4.96	5.03	6.96	6.07	5.94	2.92	4.34	5.27	5.224	1.001	1.000	0.933
DPS 14/Eastover	16	6668	4.65	4.73	4.45	4.28	5.34	4.45	5.70	5.43	5.33	2.92	3.88	5.19	4.694	0.613	0.783	0.926
Moisant	16	6295 and 666	5.29	5.12	5.23	4.58	4.65	5.91	6.39	5.80	5.62	2.88	4.69	5.18	5.112	0.792	0.890	0.899
N.O. Jefferson	16	6671	4.78	4.83	6.12	4.49	4.94	5.97	7.86	6.79	5.98	2.42	4.14	5.25	5.299	1.936	1.392	0.972
N.O. WB City	16	6659	4.73	4.49	5.05	4.79	4.77	5.47	6.93	6.18	5.17	3.40	4.81	4.83	5.052	0.763	0.874	0.905
N.O. Dublin	16	6669	4.54	4.73	4.99	4.48	4.24	5.22	6.28	5.91	5.29	2.52	3.71	4.56	4.706	0.973	0.986	0.958
Oaknola	16	6911	5.84	5.35	5.84	5.33	5.28	4.97	5.78	5.42	4.50	3.65	4.57	5.65	5.180	0.434	0.659	0.880
Old River Lock	16	6962	5.17	5.38	5.13	5.55	5.10	3.86	4.71	4.18	4.61	4.08	4.94	6.25	4.915	0.457	0.676	0.971
Paradis	16	7096	5.27	5.03	5.42	4.45	5.23	5.71	7.15	6.20	5.89	3.73	4.27	5.19	5.296	0.827	0.909	0.977
Pearl River	16	7160	4.85	4.89	5.71	5.31	5.34	5.68	7.53	6.57	5.19	3.38	4.07	5.14	5.306	1.137	1.066	0.952
Pearl River Lock 1	16	7161	5.01	5.46	5.95	5.44	5.07	4.25	6.63	5.34	5.53	2.88	4.55	5.85	5.147	0.996	0.998	0.907
Pine Grove F.I.	16	7304	6.29	5.76	6.59	5.72	5.55	5.61	7.25	6.33	5.40	3.70	5.14	6.30	5.802	0.784	0.886	0.929
Port Allen	16	7448	6.22	5.23	5.19	5.62	4.77	6.55	6.15	5.91	4.57	4.57	4.79	4.87	5.369	0.489	0.699	0.907
Port Sulphur	16	7471	4.26	4.44	4.62	4.51	4.70	6.73	8.03	7.05	8.72	2.94	3.66	4.34	5.333	3.340	1.828	0.879
Quarantine	16	7572	4.14	4.13	4.13	2.86	3.53	3.47	7.09	7.29	8.14	3.69	4.14	4.71	4.777	2.978	1.726	0.813
Reserve	16	7767	5.32	5.04	5.41	4.61	4.99	5.58	6.65	6.65	5.21	3.49	4.01	5.24	5.101	0.649	0.806	0.944
St Bernard	16	8108	5.02	4.74	5.95	4.86	4.66	5.74	6.65	6.33	6.03	3.33	4.87	4.68	5.239	0.857	0.926	0.934
Shendam Fire Tower	16	8405	5.98	6.65	6.30	6.03	6.11	5.40	7.05	6.44	4.77	3.40	4.86	6.30	5.775	1.024	1.012	0.894
Sidell	16	8539	6.10	4.90	5.75	4.51	5.25	5.08	6.69	6.08	5.47	3.32	4.40	4.87	5.203	0.823	0.907	0.979
Sidell WSMO	16	8543	7.53	3.91	6.77	4.63	5.58	6.06	7.19	5.51	4.28	3.54	4.86	4.31	0.000	1.735	1.317	0.945
Springville Fire Tower	16	8715	5.15	6.06	5.12	5.42	5.47	4.77	7.38	6.78	5.26	3.15	4.63	5.83	5.418	1.154	1.074	0.957
Ville Platte	16	7369	5.61	4.47	4.88	4.92	5.01	4.81	5.30	4.55	4.13	3.45	4.63	5.96	4.810	0.434	0.659	0.978
Zachary	16	9930	6.23	4.96	5.41	5.37	5.38	6.18	5.25	5.78	4.68	4.78	4.41	5.44	5.322	0.317	0.563	0.958

Table 2

Determination of Statistically Equivalent Variances

To determine if variances for the twelve month sample are statistically equivalent, the F-test was conducted. The F-test takes the squared variance of station 1 divided by the squared variance of station 2 where station 1 has the greater variance value. This calculated F-statistic is then compared against a theoretical F-statistic for eleven degrees of freedom of 2.9. If the calculated F-statistic exceeds the theoretical F-statistic then the stations' variances cannot be considered statistically equivalent. Tables 3 and 4 present the F-test results for each station combinations. Following Tables 3 and 4 there is a text listing of the station combinations which the F-test indicated statistically unequal variances at a five percent level of significance followed by the calculated F-test statistic for the paring in parenthesis.

[illegible]

Table 3

Table 4

Abita Springs-	Port Sulphur	(3.621)
Amite-	Port Sulphur	(3.571)
Angola-	Port Sulphur	(3.823)
Baton Rouge-	Galliano	(3.117)
	Morgan City	(3.451)
	N.O. Jefferson	(3.555)
	Port Sulphur	(6.133)
	Slidell WSMO	(3.185)
Bayou Sorrel Lock-	Galliano	(3.364)
	Morgan City	(3.724)
	N.O. Jefferson	(3.837)
	Port Sulphur	(6.619)
	Slidell WSMO	(3.437)
Bogalusa-	N.O. Jefferson	(3.017)
	Port Sulphur	(5.205)
Carville-	Galliano	(3.228)
	Morgan City	(3.574)
	N.O. Jefferson	(3.682)
	Port Sulphur	(6.351)
	Slidell WSMO	(3.298)
Cinclare-	Port Sulphur	(4.903)
	Clinton 4ENE	(4.011)
Clinton 5SE-	Galliano	(5.151)
	Greensburg	(3.309)
	Jeanerette	(4.427)
	Metairie/DPS6	(3.442)
	Morgan City	(5.703)
	New Iberia	(3.956)
	Algiers	(3.214)
	N.O. Audubon	(3.693)
	DPS5/Jourdan	(3.037)
	DPS 14/Eastover	(2.968)
	N.O. Jefferson	(5.875)
	Pearl River	(3.451)
	Pearl River Lock	(3.024)
	Port Sulphur	(10.136)
	Slidell WSMO	(5.263)
	Springville	(3.501)
Covington-	Port Sulphur	(3.596)

Denham Springs-	Morgan City	(3.261)
	N.O. Jefferson	(3.359)
	Port Sulphur	(5.795)
Donaldsonville-	Morgan City	(3.147)
	N.O. Jefferson	(3.243)
	Port Sulphur	(5.594)
Franklinton-	Port Sulphur	(3.725)
Galliano-	Greenwell Springs	(5.358)
	LSU Ben Hur	(4.608)
	New Roads	(4.073)
	Oaknolia	(3.911)
	Old River Lock	(3.717)
	Port Allen	(3.472)
	Ville Platte	(3.907)
	Zachary	(5.361)
Gonzales-	Port Sulphur	(3.967)
Grand Coteau-	Jeanerette	(3.049)
	Morgan City	(3.928)
	N.O. Jefferson	(4.047)
	Port Sulphur	(6.981)
	Slidell WSMO	(3.625)
Greensburg-	Greenwell Springs	(3.442)
	Port Sulphur	(3.064)
	Zachary	(3.444)
Greenwell Springs-	Jeanerette	(4.605)
	Metairie/DPS6	(3.580)
	Morgan City	(5.932)
	New Iberia	(4.116)
	Algiers	(3.343)
	N.O. Audubon	(3.841)
	DPS 5/Jordan	(3.159)
	DPS 14/Eastover	(3.088)
	N.O. Jefferson	(6.112)
	N.O. Dublin	(3.071)
	Pearl River	(3.590)
	Pearl River Lock 1	(3.145)
	Port Sulphur	(10.543)
	Sheridan	(3.232)
	Slidell WSMO	(5.475)
	Springville	(3.641)
Hammond-	Port Sulphur	(4.369)

Jeanerette-	LSU Ben Hur	(3.960)
	New Roads	(3.501)
	Oaknolia	(3.361)
	Old River Lock	(3.195)
	Ville Platte	(3.358)
	Zachary	(4.908)
Kentwood-	N.O. Jefferson	(3.010)
	Port Sulphur	(5.193)
Lafayette-	Port Sulphur	(4.554)
LSU Ben Hur-	Metairie/DPS 6	(3.079)
	Morgan City	(5.102)
	New Iberia	(3.540)
	N.O. Audubon	(3.304)
	N.O. Jefferson	(5.257)
	Pearl River	(3.087)
	Port Sulphur	(9.068)
	Slidell WSMO	(4.709)
	Springville	(3.132)
Melville-	Port Sulphur	(4.655)
Metairie/DPS6-	Zachary	(3.583)
Morgan City-	New Roads	(4.510)
	Oaknolia	(4.331)
	Port Allen	(3.845)
	Ville Platte	(4.326)
	Zachary	(5.936)
New Iberia-	New Roads	(3.129)
	Oaknolia	(3.004)
	Ville Platte	(3.001)
	Zachary	(4.118)
New Roads-	N.O. Jefferson	(4.647)
	Port Sulphur	(8.016)
	Slidell WSMO	(4.162)
Algiers-	Port Sulphur	(3.154)
	Zachary	(3.345)
Audubon-	Zachary	(3.844)
DPS3/London-	Port Sulphur	(3.717)
DPS5/Jourdan-	Port Sulphur	(3.337)
	Zachary	(3.162)

DPS 14/Eastover-	Port Sulphur Zachary	(3.415) (3.090)
N.O. Moisant-	Port Sulphur	(4.220)
N.O. Jefferson-	Oaknolia Old River Lock Pine Grove F.T. Port Allen Ville Platte Zachary	(4.461) (4.461) (1.979) (3.961) (4.457) (6.116)
N.O. WB City-	Port Sulphur	(4.378)
N.O. Dublin-	Port Sulphur Zachary	(3.433) (3.073)
Oaknolia-	Port Sulphur Slidell WSMO	(7.697) (3.996)
Old River Lock-	Port Sulphur Slidell WSMO	(7.315) (3.796)
Paradis-	Port Sulphur	(4.039)
Pearl River-	Zachary	(3.592)
Pearl River Lock 1-	Port Sulphur Zachary	(3.352) (3.147)
Pine Grove F.T.-	Port Sulphur	(4.259)
Port Allen-	Port Sulphur Slidell WSMO	(6.833) (3.548)
Port Sulphur-	Reserve St Bernard Sheridan F.T. Slidell Ville Platte Zachary	(5.146) (3.897) (3.262) (4.057) (7.689) (10.551)
Sheridan F.T.-	Zachary	(3.234)
Slidell WSMO-	Ville Platte Zachary	(3.992) (5.478)
Springville-	Zachary	(3.644)

Determination of Statistically Equivalent Means

The Student T-test was conducted to determine if there is a statistically significant difference in the average monthly rainfall between individual stations. Each station which passed the Shapiro-Wilk test for normality and each station combination which passed the F-test for statistically equivalent variances were then combined into two station groups for the Student T-test. As outlined in McBean and Rovers (1998), a T-statistic was computed for each of these two-station combinations using a pooled variance calculated by the formula

$$\text{Pooled Variance } (S^2) = (n_1-1)(\text{Variance of Station 1}) + (n_2-1)(\text{Variance of Station 2}) / n_1 + n_2 - 2$$

where n_1 = the number of samples in the first data set and n_2 = the number of samples in the second data set. This pooled variance is used to compute a standard error of difference of the two means according to the formula

$$S_m = ((S^2)(1/n_1 + 1/n_2))^{0.5}$$

The T-statistic is then calculated using these two parameters in the following formula

$$T^* = (\text{Absolute Value (Mean of Station 1 – Mean of Station 2)}) / S_m$$

This calculated T-statistic for each two-station combinations was compared to the theoretical T –statistic for 22 degrees of freedom ($n_1=12 + n_2=12 - 1 = 22$) at a five percent level of significance which statistical tables list as 1.72. For station combinations which have a T-statistic exceeding 1.72 it can be inferred a statistically significant difference exists between the monthly average rainfall of station 1 and the monthly average rainfall of station 2. These stations are listed with their calculated T-statistic in parenthesis.

Abita Springs -	Angola	(2.2584)
	Baton Rouge	(2.0045)
	Carville	(1.8215)
	Grand Coteau	(2.1096)
	Lafayette	(1.8164)
	LSU Ben Hur	(1.9042)
	Melville	(2.3264)
	DPS 14/Eastover	(2.1862)
	N.O. Dublin	(2.1601)
	Old River Lock	(1.9157)
	Ville Platte	(2.2430)

Angola-	Clinton 5SE	(1.8336)
	Denham Springs	(1.8440)
	Galliano	(1.7277)
	Greenwell Springs	(2.6240)
	Kentwood	(1.8343)
	Pine Grove F.T.	(3.0308)
	Sheridan F.T.	(2.7638)
	Zachary	(1.9963)
Baton Rouge-	Greenwell Springs	(2.3841)
	Pine Grove F.T.	(2.8212)
	Sheridan F.T.	(2.5207)
Bayou Sorrel Lock-	Pine Grove F.T.	(2.1775)
	Sheridan F.T.	(1.9225)
Bogalusa-	Pine Grove F.T.	(1.9077)
Carville-	Greenwell Springs	(2.1535)
	Pine Grove F.T.	(2.6353)
	Sheridan F.T.	(2.3464)
Cinclare-	Pine Grove F.T.	(2.2277)
	Sheridan F.T.	(1.9922)
Clinton 4ENE-	Pine Grove F.T.	(2.2763)
	Sheridan F.T.	(2.0543)
Clinton 5SE-	Melville	(1.8689)
	Pine Grove F.T.	(1.7920)
	Ville Platte	(1.7686)
Denham Springs-	Melville	(1.8650)
	DPS 14/Eastover	(1.7284)
	Ville Platte	(1.7456)
Donaldsonville-	Greenwell Springs	(1.7934)
	Pine Grove F.T.	(2.3431)
	Sheridan F.T.	(2.0881)
Gonzales-	Melville	(1.8854)
	DPS 14/Eastover	(1.7709)
	Ville Platte	(1.7596)
Grand Coteau-	Greenwell Springs	(2.5586)
	Pine Grove F.T.	(2.9556)
	Port Allen	(1.8508)
	Sheridan F.T.	(2.6318)
	Zachary	(1.7906)

Greenwell Springs-	Lafayette	(2.0707)
	LSU Ben Hur	(2.3537)
	Melville	(2.7177)
	Old River Lock	(2.5133)
	Ville Platte	(2.7662)
Hammond-	Pine Grove F.T.	(2.0269)
	Sheridan F.T.	(1.8146)
Jeanerette-	Pine Grove F.T.	(1.7716)
Kentwood-	Melville	(1.8519)
Lafayette-	Pine Grove F.T.	(2.5683)
	Sheridan F.T.	(2.3130)
LSU Ben Hur-	Pine Grove F.T.	(2.7830)
	Sheridan F.T.	(2.4514)
Melville-	Pine Grove F.T.	(3.1037)
	Port Allen	(2.0965)
	Sheridan F.T.	(2.8100)
	Springville F.T.	(1.8062)
	Zachary	(2.0444)
New Iberia-	Pine Grove F.T.	(2.2925)
	Sheridan F.T.	(2.1088)
New Roads-	Pine Grove F.T.	(2.5475)
	Sheridan F.T.	(2.2465)
DPS 3/ London-	Pine Grove F.T.	(2.2529)
	Sheridan F.T.	(2.0399)
DPS 14/Eastover-	Paradis	(1.5512)
	Pine Grove F.T.	(2.8913)
	Sheridan F.T.	(2.6453)
	Zachary	(1.8576)
N.O. Moisant-	Pine Grove F.T.	(1.9950)
N.O. Dublin-	Pine Grove F.T.	(2.8653)
	Sheridan F.T.	(2.6204)
Oaknolia-	Pine Grove F.T.	(1.9524)
Old River Lock-	Pine Grove F.T.	(2.7595)
	Sheridan F.T.	(2.4480)
Pine Grove F.T.-	Reserve	(2.0284)

	Ville Platte	(3.1135)
Port Allen-	Ville Platte	(2.0151)
Reserve-	Sheridan	(1.8038)
Sheridan F.T.-	Ville Platte	(2.7872)
Ville Platte-	Zachary	(1.9761)

Definition of Station Groups

To investigate the existence of precipitation micro-climates across the study area of southeast Louisiana, station groups were developed. To group stations together, the results of the F-test and the T-test were used to assure that every station in a group had a statistically equivalent variance and mean when compared with other stations in its group. Using a matrix to identify conflicts in variances and means and examining geographic locations, the following groups of stations were compiled. Figure 60 is a plot of the station location and Figure 61 presents the station group boundaries.

NW1 -	Angola Grand Coteau Melville New Roads Old River Lock Ville Platte
SW1-	Lafayette Airport New Iberia Jeanerette Morgan City
BTR1-	Baton Rouge Ryan Airport Bayou Sorrel Lock Carville Cinclare Clinton 4 ENE Clinton 5 SE Donaldsonville LSU Ben Hur Oaknolia Port Allen Zachary

EBTR-	Greenwell Springs Denham Springs Gonzales
Maurepas-	Hammond Springville Fire Tower (F.T.) Paradis Reserve
Northshore (N.S.)-	Abita Springs Amite Bogalusa Covington Franklinton Greensburg Kentwood Pearl River Pearl River Lock 1 Pine Grove Fire Tower (F.T.) Sheridan Fire Tower (F.T.) Slidell Slidell WSMO
Coastal-	Galliano Port Sulphur
SouthShore (S.S.)-	Metairie/DPS 6 Algiers N.O. Audubon Park DPS 3/ London DPS 5/ Jourdan DPS 13/ Eastover Moisant N.O. Jefferson N.O. WB City N.O. Dublin St Bernard

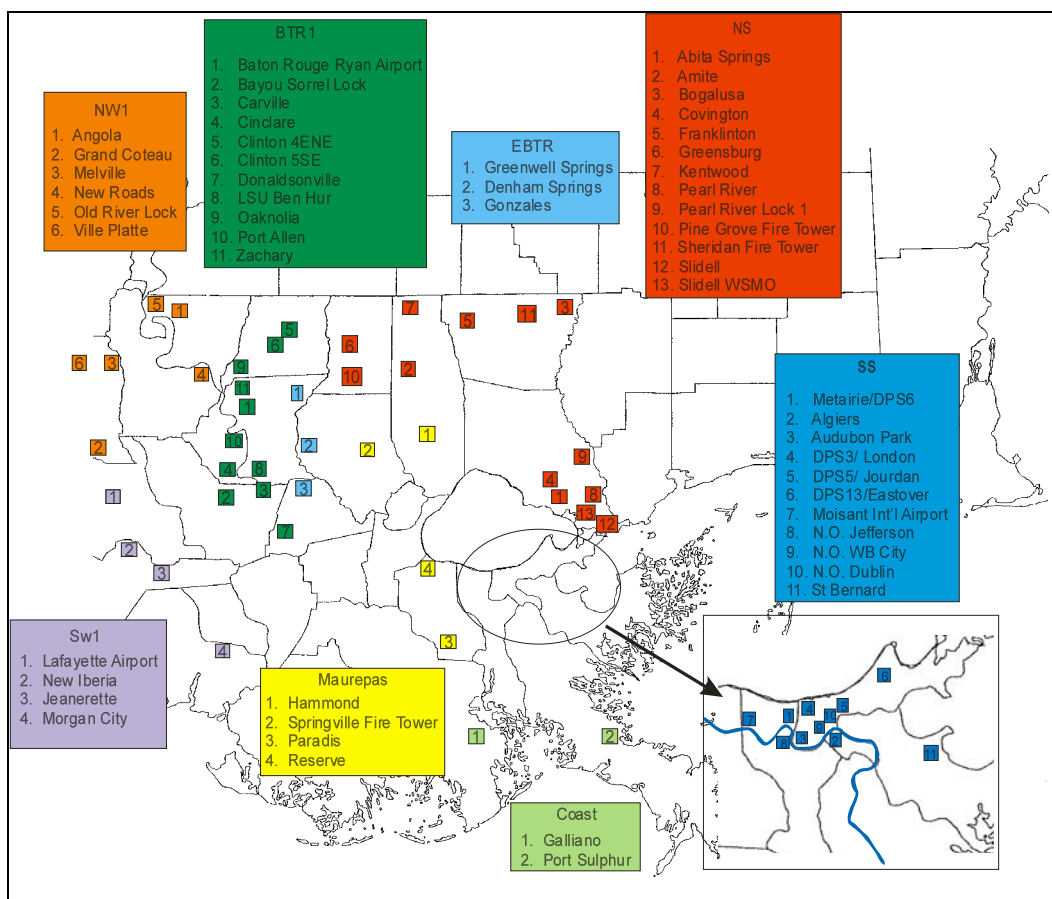


Figure 60

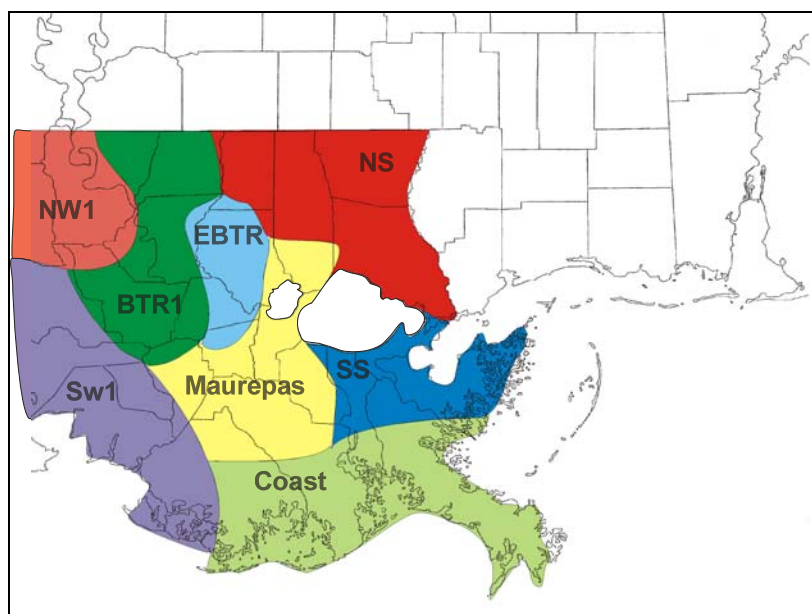


Figure 61

Detecting Statistically Significant Differences in Rainfall for Twelve Month Intervals

Statistical tests were conducted on the eight station groups to identify statistically significant differences for a 12 month period of rainfall. These methods were described in Van Cooten (2000), where the pooled variances of two station groups are tested for statistical equivalency. If the stations are found to have statistically equivalent pooled variances by the F-test, then the T-test is performed to see if a statistically significant difference can be identified between the means of the two groups. From the F-Test the following station combinations had statistically equivalent variances at a five percent level of significance: Southshore-Northshore, Southshore-Maurepas, Southshore-SW1, Northshore-Maurepas, Northshore-SW1, Maurepas-EBTR, Maurepas-SW1, Maurepas-NW1, EBTR-NW1, BTR-NW1. When the T-test was performed all of these station combinations showed a statistically significant difference in their 12 month means except Southshore-SW1 at a 5 percent level of significance.

Detecting Statistically Significant Differences in Rainfall for Six Month Intervals

For the 8 station groups, statistical tests were conducted to detect statistically significant difference in mean rainfall in a six month period. The only stations used in the groupings were stations which the Shapiro-Wilk test determined as having a normal distribution of their respective twelve monthly means. This determination of a normal distribution then applies to the station group satisfying the first requirement of the Student T-test. The second requirement of the Student T-test is for the variances between the various station groups to be considered statistically equivalent. This determination is made by employing the F-test. To illustrate how the F-test was conducted the smaller groups of SW1 and EBTR will be used for the six month period from January to June. For SW1, variances and mean rainfall were computed for Lafayette, New Iberia, Jeanerette, and Morgan City using the 6 monthly means from January to June. These 4 variances for the six month period were then summed and divided by four to give an average or pooled variance. This same procedure was used to find a mean rainfall and pooled variance for the EBTR group except the 6 month means and variances were divided by three due to the number of stations comprising the group. With a six month average and pooled variance computed for the two groups, an F-statistic was calculated. To compute the F-statistic, the pooled variance of SW1 (.51) was divided by the pooled average of EBTR (.38) with the degrees of freedom being 24 for SW1 (4 stations multiplied by 6 months) and 18 for EBTR (3 stations multiplied by 6 months). This computed F-statistic (2.642) was then compared to the F-distribution value (2.15) provided by tables in McBean and Rovers (1998) and Beyer (1974) for a five percent level of significance. This comparison indicates the variances of SW1 and EBTR cannot be considered statistically equivalent as the calculated value is greater than the theoretical F-statistic. This same procedure was followed for each station group

combination with only groups with statistically equivalent variances considered for the T-test to detect statistically significant differences in the six month means.

From the F-test calculations, the following station combinations for the period January through June were considered to have six month variances statistically equivalent at a five percent level of significance: Southshore (S.S) vs Northshore (N.S.), Southshore (S.S) vs Maurepas, Southshore (S.S) vs EBTR, Southshore (S.S) vs BTR1, Southshore (S.S) vs NW1, Coastal vs Northshore (N.S), Coastal vs EBTR, Coastal vs SW1, Northshore (N.S) vs EBTR, Northshore (N.S) vs SW1, Northshore (N.S) vs NW1, Maurepas vs BTR1, Maurepas vs NW1, EBTR vs BTR1, EBTR vs NW1, BTR1 vs NW1. For each of these combinations a group pooled variance was computed using the formula

$$\text{Pooled Variance } (S^2) = (n_1-1)(\text{Variance of Station 1}) + (n_2-1)(\text{Variance of Station 2}) / n_1 + n_2 - 2.$$

This pooled variance is used to compute a standard error of difference of the two means according to the formula

$$S_m = ((S^2)(1/n_1 + 1/n_2))^{.05}$$

The T-statistic is then calculated using these two parameters in the following formula

$$T^* = (\text{Absolute Value (Mean of Station 1 – Mean of Station 2)}) / S_m$$

This calculated T-statistic for each two-station combinations was compared to the theoretical T –statistic for each combination's degrees of freedom ($n_1 + n_2$) at a five percent level of significance. If the computed T-statistic is greater than the Theoretical T value, there is statistical evidence of a significant difference between the means. These results are compiled in Table 5. Values shaded in gray are station combinations which passed the F-test requirements for statistically equivalent variances but the results of the T-test indicated insufficient scientific evidence of a statistically significant difference in the station six month means. The values listed in Table 5 are the computed T-statistic values.

Figures 62-69 illustrate the relationships listed in Table 5. There are two figures, denoted a and b, for each station group with the a-sheet plotting the results of the six month intervals from January-June to June-November and the b- sheet plotting the six month intervals from July-December to December-May. The set of Southshore figures in Figures 62a and 62b will be used to explain the graphics. In Figure 62a, the first plot is the result of the T-test for the six month interval from January to June when the monthly rainfall for the Southshore (S.S) group, averaged over the six month interval, was compared to the

monthly rainfall average for the other groups. The host group, for Figures 62a and b, is the Southshore group and is shaded blue. For the BTR1, EBTR, and Maurepas groups which are shaded in green, the T-test indicates a statistically significant difference exists in the monthly rainfall averaged over the January to June interval when the rainfall is compared to Southshore (S.S.) group. For the NW1 group shaded in orange, the T-test did not indicate a statistically significant difference exists in the monthly rainfall averaged over the January to June interval when the rainfall is compared to Southshore (S.S.) group. For the Northshore (N.S.), SW1, and Coast groups which are not shaded, the T-test was not performed as the F-test did not indicate statistically equivalent variances for the January to June interval when their pooled variances were compared to the Southshore (S.S.) group.

Station Group	Jan-Jun	Feb-Jul	Mar-Aug	Apr-Sep	May-Oct	Jun-Nov	Jul-Dec	Aug-Jan	Sep-Feb	Oct-Mar	Nov-Apr	Dec-May
SS vs Coastal					6.72	5.72	4.02		1.6	2.02	6.6	5.82
SS vs NS		17.41	12.93	1.26	0.3	2.06	1.1	5.34	9.71	18.02		
SS vs Maurepas	6.03	3.49	1.77	0.297	0.83	0.2	1.57	1.84	3.65	5.2	7.92	13.15
SS vs EBTR	15.75	5.49	5.07	0.668	1.69			3.99			13.24	16.15
SS vs BTR1	13.48										16.23	21.54
SS vs SW1					3.09	2.64	1.75	0.21			14.68	17.8
SS vs NW1	1.36							3.81	1.79	7.9	13.35	18.5
Coastal vs NS	8.19				7.76						12.73	15.55
Coastal vs Maurepas					4.99	4.36				4.52	8.42	
Coastal vs EBTR	5.73									8.28	10.35	9.65
Coastal vs BTR1										6.93	11.38	
Coastal vs SW1	3.37	2.26	2.89	4.56	3.75	3.11	2.21			0.31	1.13	2.5
Coastal vs NW1										5.13	10.2	10.44
NS vs Maurepas		5.14	4.72	0.318	1.13	1.35	1.21	0.85	1.35	4.31		
NS vs EBTR	1.99	1.34	0.31	0.22	2.1	3.1		2.1	1.04		1.72	4.54
NS vs BTR1				16.87								
NS vs SW1	24.56				3.71	4.13	1.43	2.64				
NS vs NW1	21.9							8.2	4.88	4.84		
Maurepas vs EBTR		2	2.73	0.307	0.86	1.42		2.2	1.9	4.28	4.93	4.76
Maurepas vs BTR1	1.16	5.73		7.92				1.12	1.11	1.23	0.59	1.67
Maurepas vs SW1					1.64	1.72	0.16	1.27	4.95		15.69	22.1
Maurepas vs NW1	4.36	10.8						4.47	1.97	0.7	1.82	1.47
EBTR vs BTR1	11.787	8.69		7.06	5.84	5.94	3.38	4.35	3.7	5.2	6.6	7.93
EBTR vs SW1								3.32	7.1	13.93	18.1	20.35
EBTR vs NW1	12.77	14.47	19.45	15.14	13.43	14.41	7.48	6.48		3.99	4.12	3.87
BTR1 vs SW1								1	6.5		23.5	29.75
BTR vs NW1	8.4	11.62	19.01	18.58	15.3		8.92	6.54	2.2	0.32	2.3	4.5
SW1 vs NW1								2.86	3.2		19.8	24.25

Table 5

Detecting Statistically Significant Differences in Rainfall for Three Month Intervals

Similar methods to those described for six month intervals were used to detect statistically significant differences in the station groups for three month intervals. Differences in the procedures were in the computation of means and pooled variances due to the change to a three month interval and the

changes in the degrees of freedom computations due to fewer months involved in the computations. Table shows the results of the three month statistical trial. In the table the notation J-M is for January through March, F-A is for February through April, through the remainder of the three month intervals. Computed T-statistic values are listed in Table 6. Values shaded gray indicate no statistically significant difference at 5 percent level of significance in the three month means between the stations. Figures 70-77 illustrate the relationships listed in Table 6 and follow the same legend and explanation as the six-month results found in Figures 62-69.

Station Group	J-M	F-A	M-M	A-J	M-J	J-A	J-S	A-O	S-N	O-D	N-J	D-F
SS vs Coastal	2.56	3.32	0.54	0.81	3.36	6.6	11.5	2.95	2.28		2.84	
SS vs NS		19.5	23	11.65	2.9	2.65		2.1		5.9		
SS vs Maurepas	4.84	3.9	3.29	1.38	0.96	0.1		0.03	0.26	2.5	3.6	14.8
SS vs EBTR	8.62	7.17	6.56	6.36	1						5.6	
SS vs BTR1	8.2	10.16		4.82		10.7				7.4		
SS vs SW1	11.97	11.21		0.2	2.66	5.5		0.62		1.44	1.5	
SS vs NW1	3.13	1.05		1.28			30.2			5.1		
Coastal vs NS	6.81	7.8	6.48	4.66	3.1	6.4	8.6	4.32		2.2	4.65	7.4
Coastal vs Maurepas	4.54	4.65	1.9	1.47	2.03	3.96	6.4	2.46		1.9	3.29	
Coastal vs EBTR	5.81	6.73	3.57	3.24	1.91	11.3	7.4			5.4	3.74	4.9
Coastal vs BTR1	5.02	6.85		2.57			12.8			3.4	4.65	7.6
Coastal vs SW1	3.08	2.28		0.4	1.11	2.24	4.5	2.22		1.7	1.39	1.78
Coastal vs NW1	1.71			0.31			18.1			2.43	5	6.85
NS vs Maurepas		6.21	8.54	5.017	0.37	1.09	2.2	1.244	0.78	0.49	3.02	
NS vs EBTR	1.3		2.82		0.07		1.8	1.87			0.35	1.45
NS vs BTR1				7.24	7.54		9.6				3.1	
NS vs SW1						6.23	3.6	2.02	0.06		6.5	
NS vs NW1				10.57				8.2		1.36	0.33	2.25
Maurepas vs EBTR	4.25	3.65	3.36		0.15		2.6	0.63			1.73	
Maurepas vs BTR1	0.42	1.41	1.54	1.24	3.15		7.3	2.02		1.2	1.78	
Maurepas vs SW1	13.54	13.3	12.27		1.08	3	1	0.49	0.5	0.94	3.1	9.6
Maurepas vs NW1	2.17	3.78	0.552	2.22			13.5			1.2	3.1	
EBTR vs BTR1	5.52	3.5	7.76	5.56	3.04	7.2	1.8	2.87			0.92	1.4
EBTR vs SW1	14.1	18.1	14.6	3.56	0.84		3	0.17		3.7	4.15	6.4
EBTR vs NW1	6.12	9.3	5.26	6.18		20.1	7.4	7.7			0.5	0.2
BTR1 vs SW1	17	19.2	22.7		4.9		8.4	2.96		2.84	5.84	10.52
BTR vs NW1	2.71			5.3	8.18	21	11.5	8.6	5.9		2.6	2.8
SW1 vs NW1	12.57	16.3	17.4		7.39				2.9		6.4	9.5

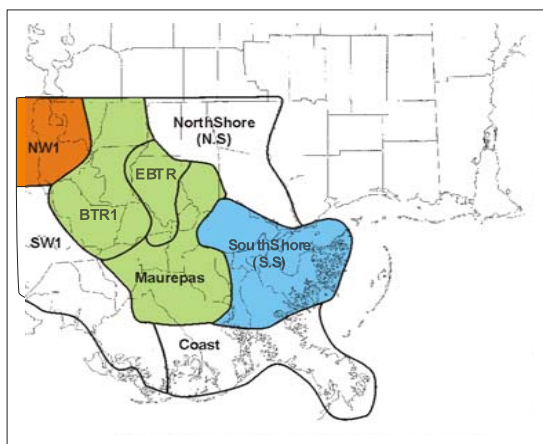
Table 6

Figure 62a- Southshore (S.S) 6 mo Interval T-test results

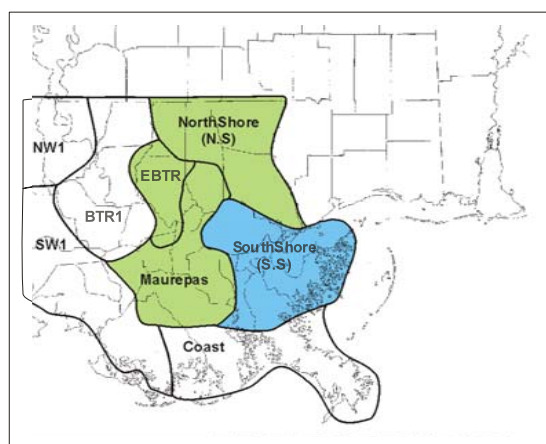
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

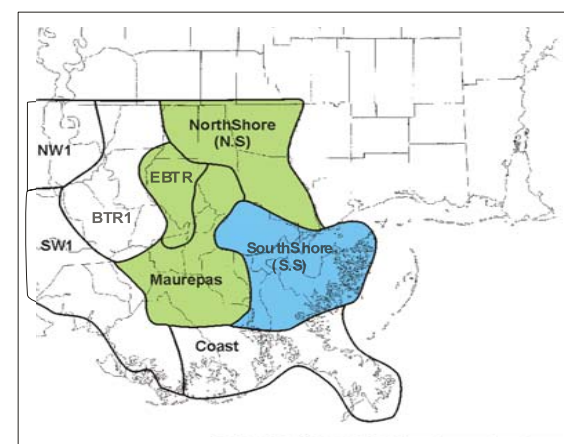
No Shading - T-test not performed due to groups having unequal variances from F-test results



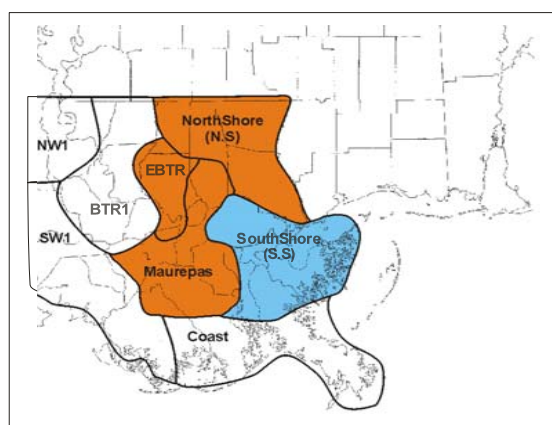
Jan-Jun



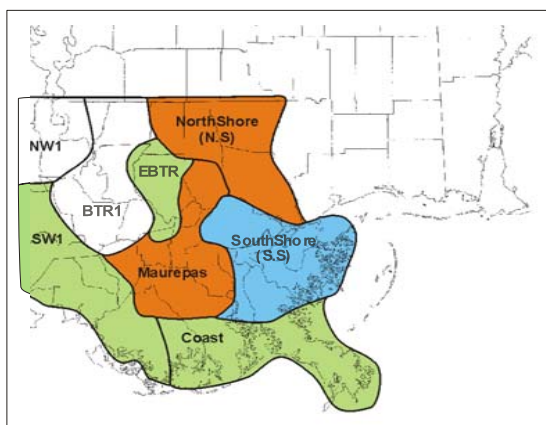
Feb-Jul



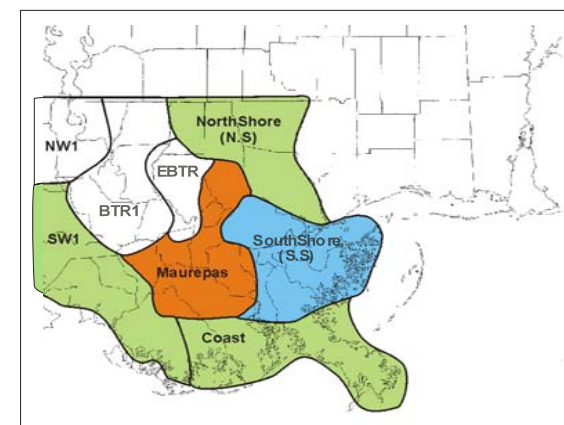
Mar-Aug



Apr-Sep



May-Oct



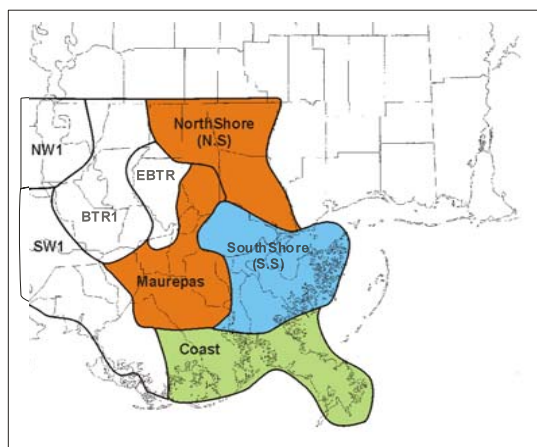
Jun-Nov

Figure 62b- Southshore (S.S) 6 mo Interval T-test results

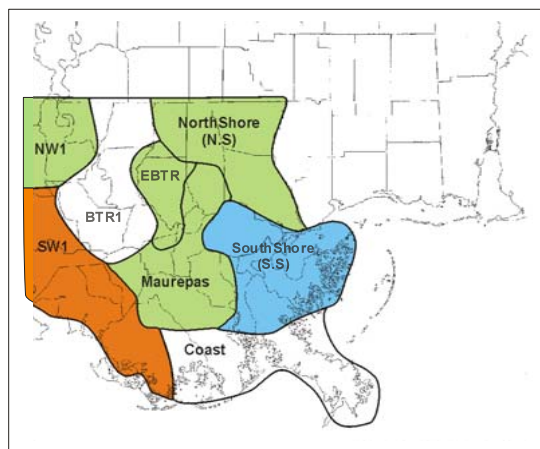
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

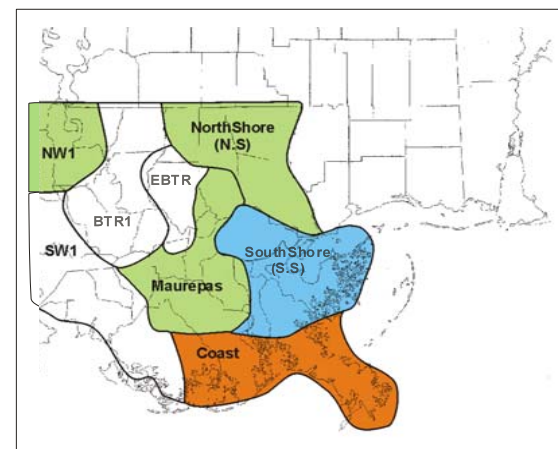
No Shading - T-test not performed due to groups having unequal variances from F-test results



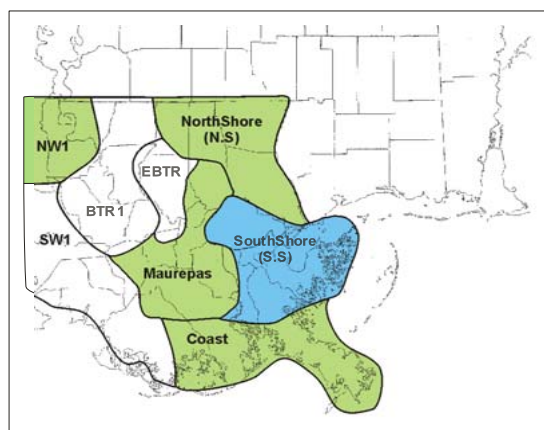
Jul-Dec



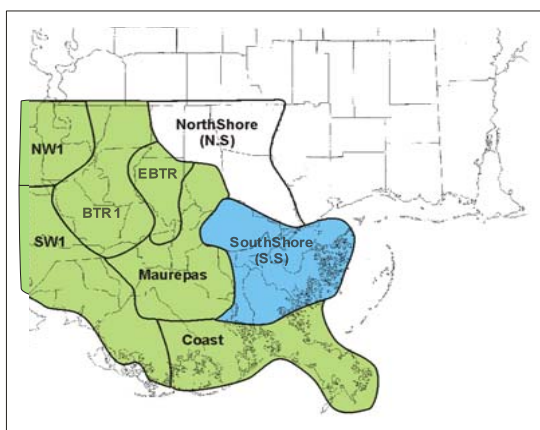
Aug-Jan



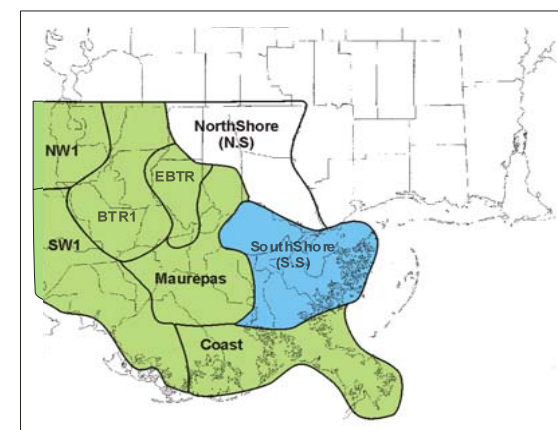
Sep-Feb



Oct-Mar



Nov-Apr



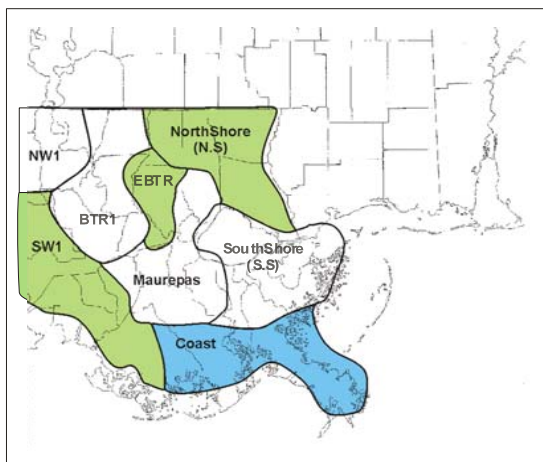
Dec-May

Figure 63a- Coast 6 mo Interval T-test results

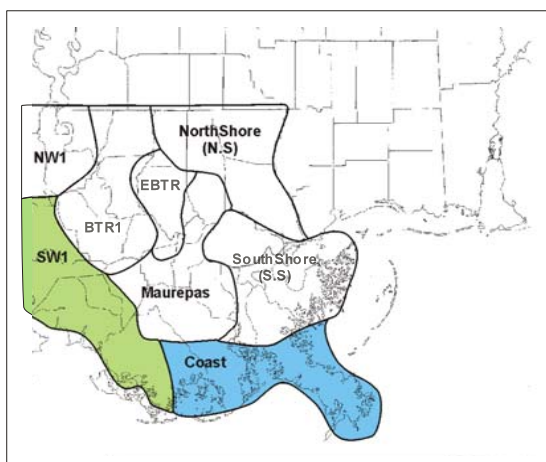
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

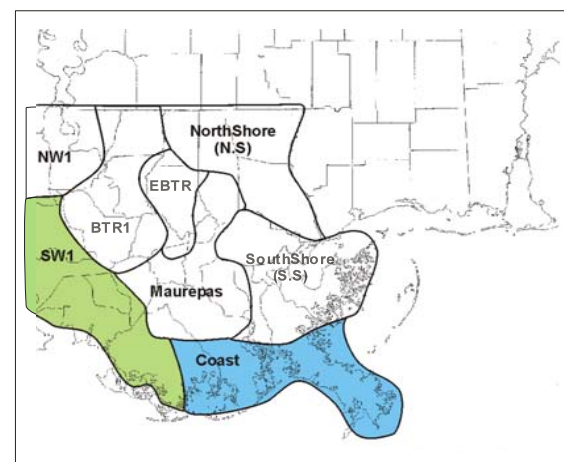
No Shading - T-test not performed due to groups having unequal variances from F-test results



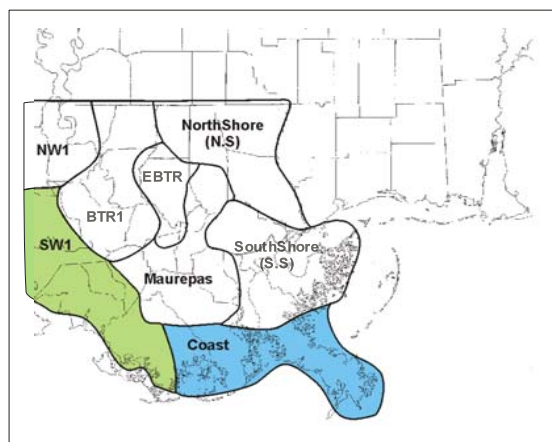
Jan-Jun



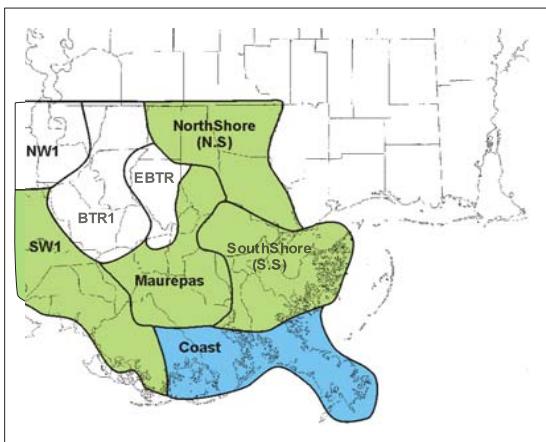
Feb-Jul



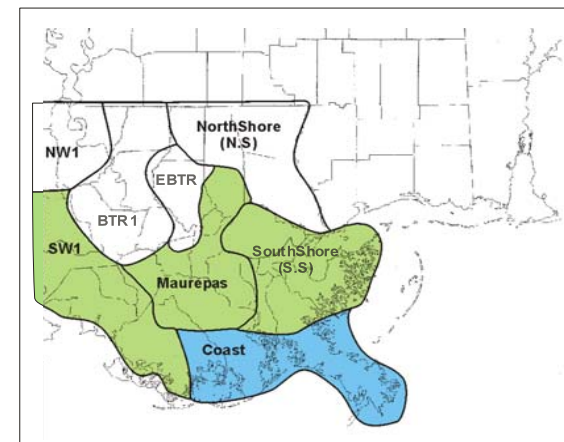
Mar-Aug



Apr-Sep



May-Oct



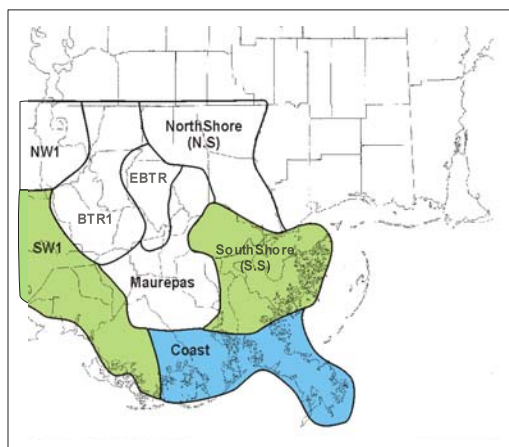
Jun-Nov

Figure 63b- Coast 6 mo Interval T-test results

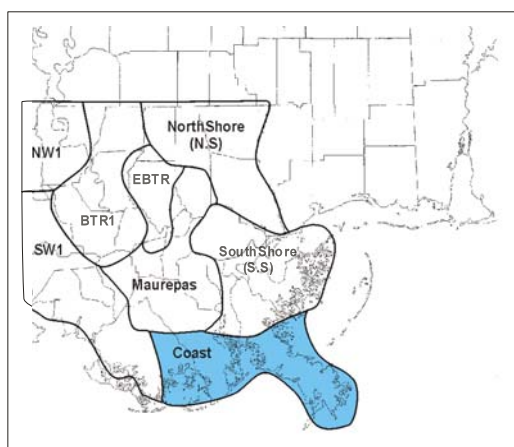
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

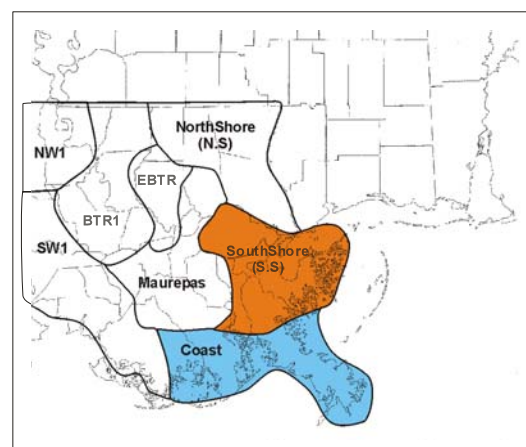
No Shading - T-test not performed due to groups having unequal variances from F-test results



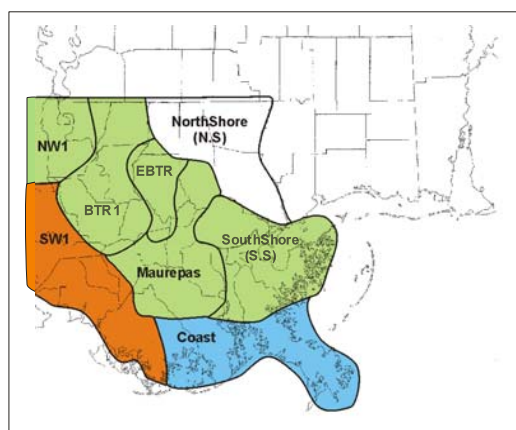
Jul-Dec



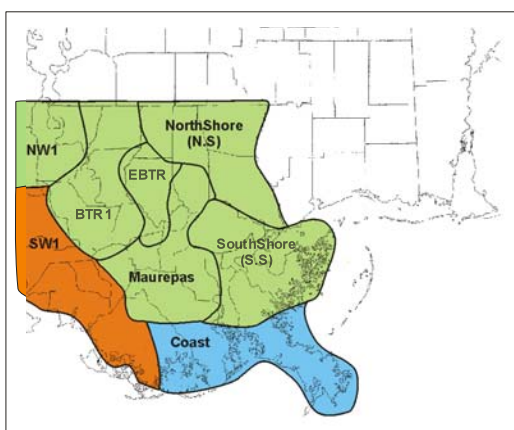
Aug-Jan



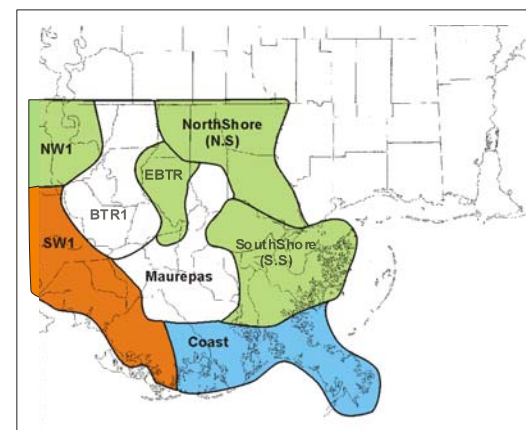
Sep-Feb



Oct-Mar



Nov-Apr



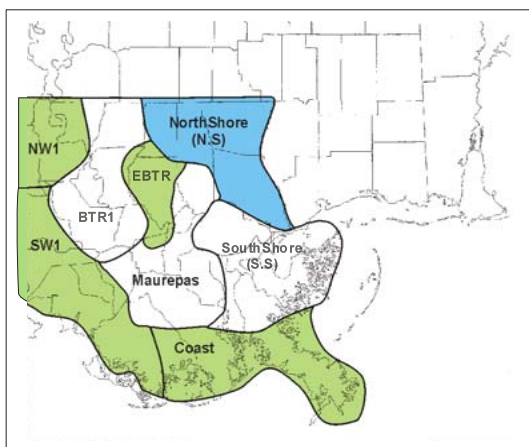
Dec-May

Figure 64a-Northshore 6 mo Interval T-test results

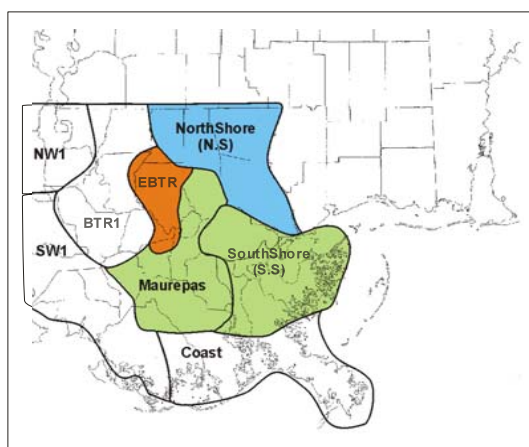
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

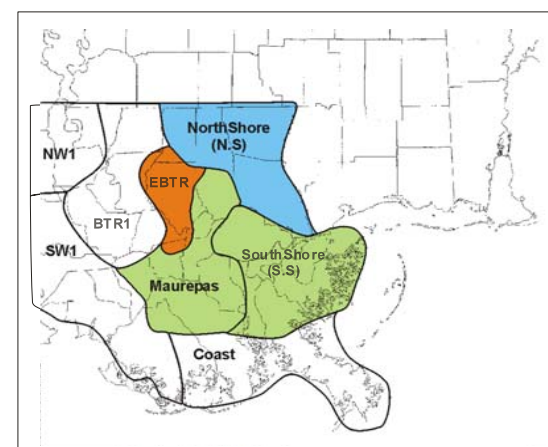
No Shading - T-test not performed due to groups having unequal variances from F-test results



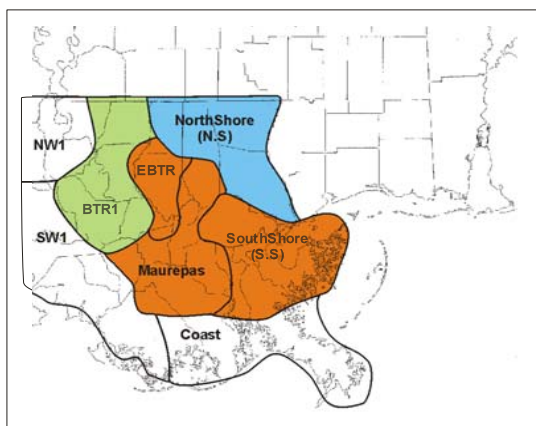
Jan-Jun



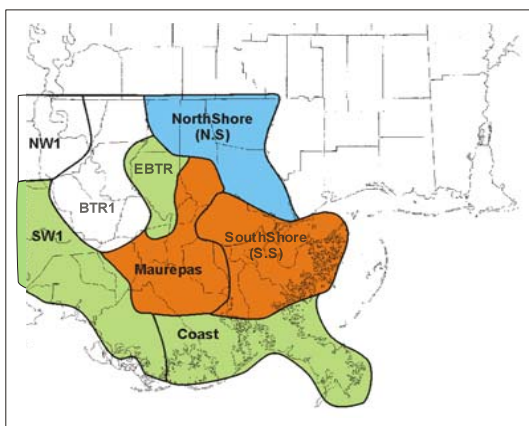
Feb-Jul



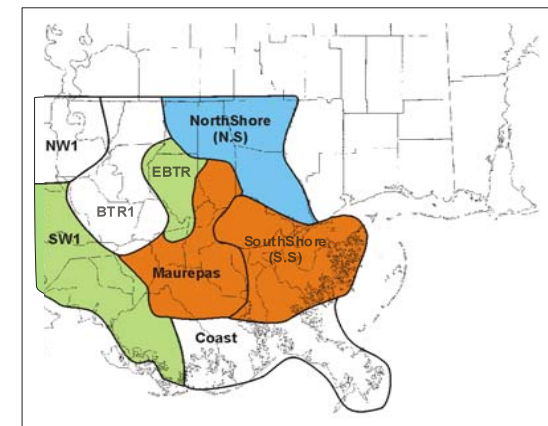
Mar-Aug



Apr-Sep



May-Oct



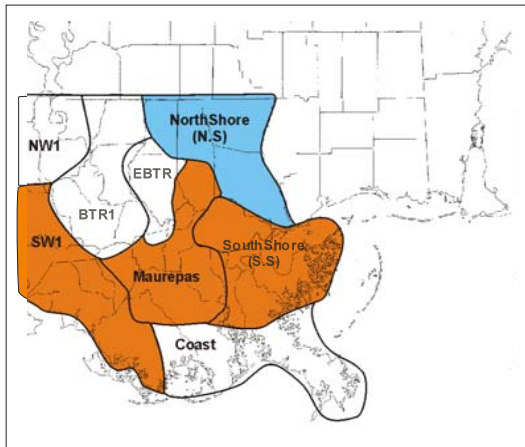
Jun-Nov

Figure 64b-Northshore 6 mo Interval T-test results

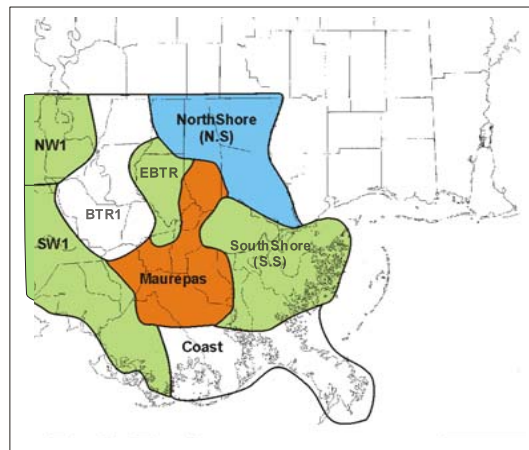
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

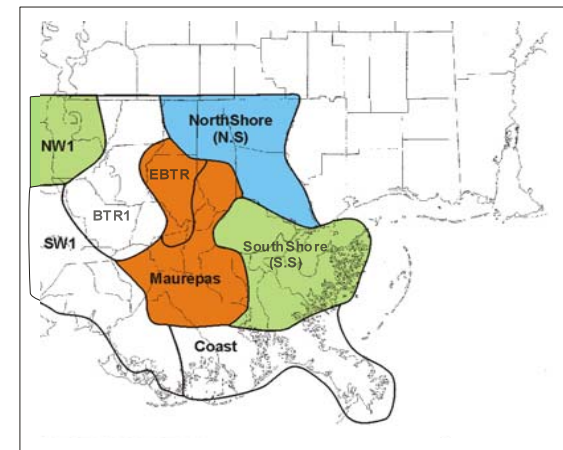
No Shading - T-test not performed due to groups having unequal variances from F-test results



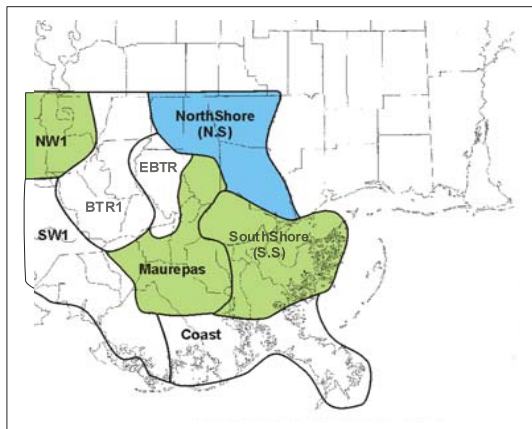
Jul-Dec



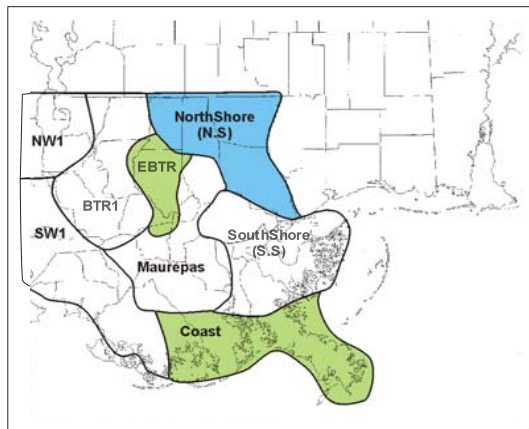
Aug-Jan



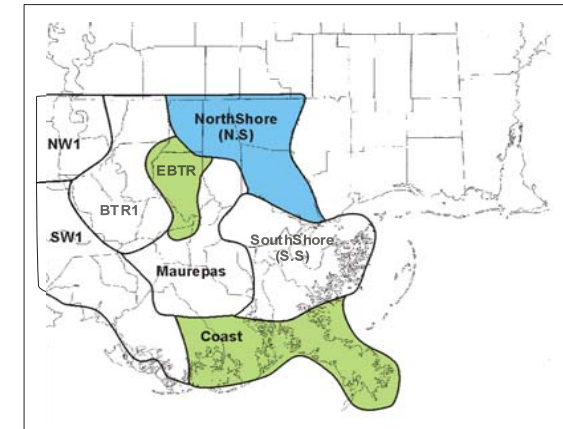
Sep-Feb



Oct-Mar



Nov-Apr



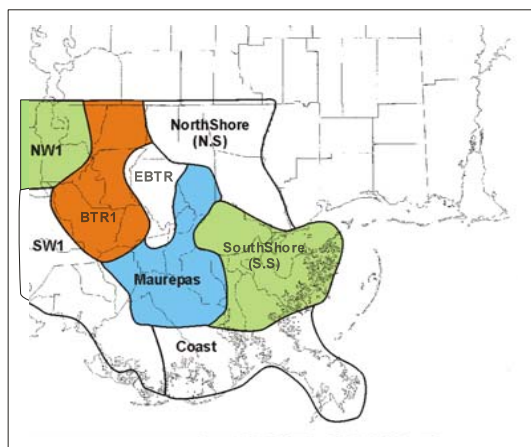
Dec-May

Figure 65a-Maurepas 6 mo Interval T-test results

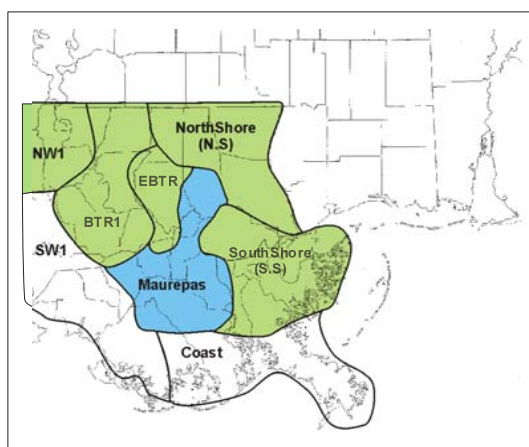
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

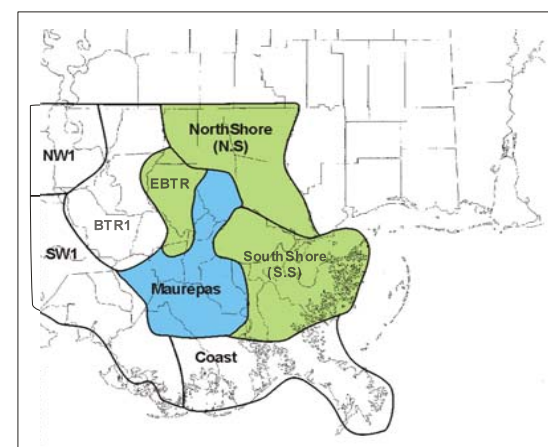
No Shading - T-test not performed due to groups having unequal variances from F-test results



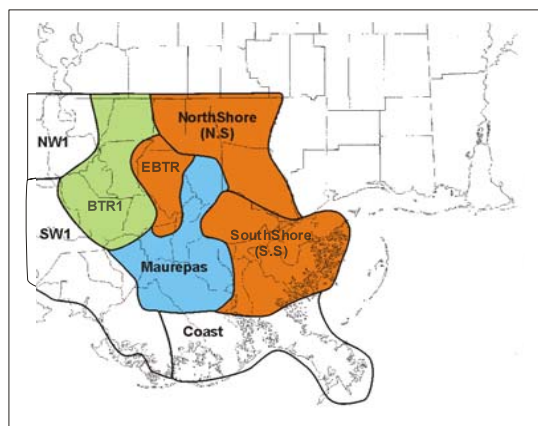
Jan-Jun



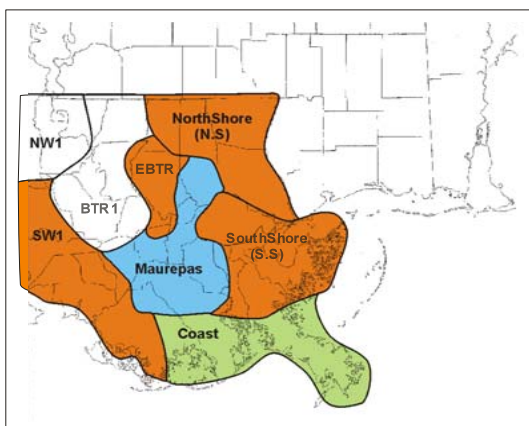
Feb-Jul



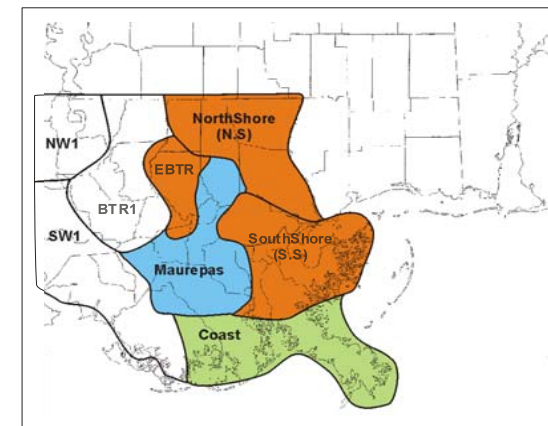
Mar-Aug



Apr-Sep



May-Oct



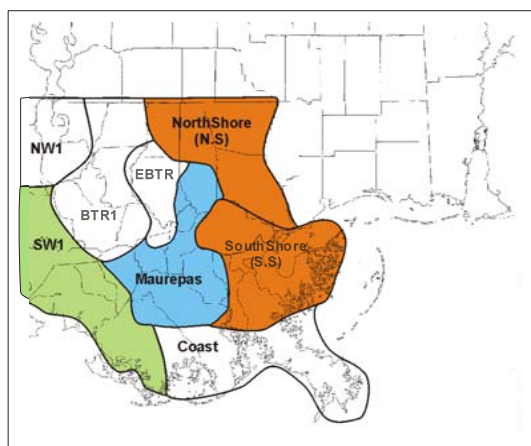
Jun-Nov

Figure 65b-Maurepas 6 mo Interval T-test results

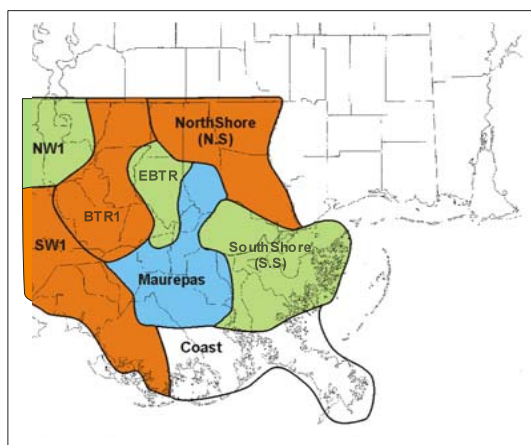
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

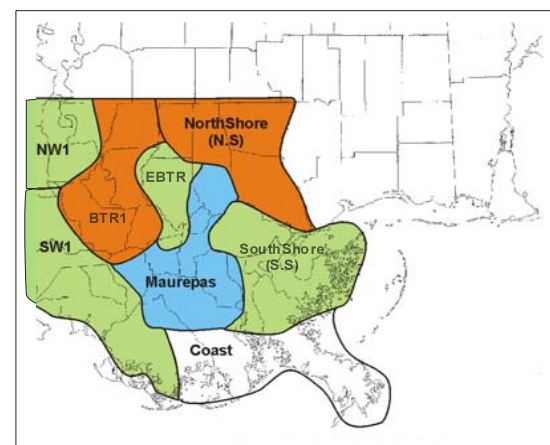
No Shading - T-test not performed due to groups having unequal variances from F-test results



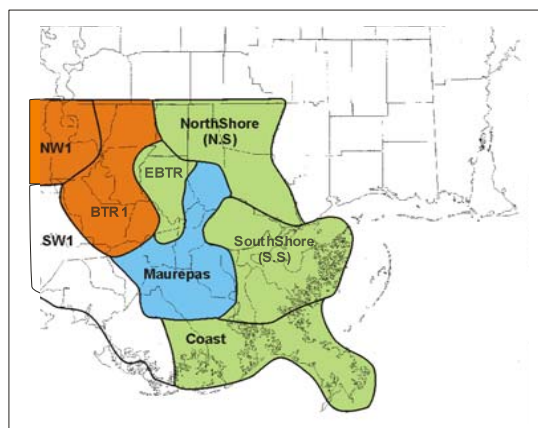
Jul-Dec



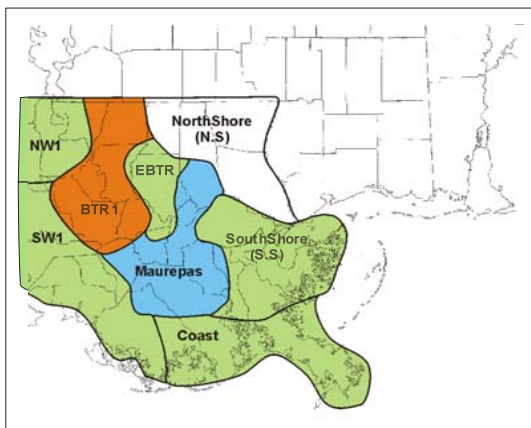
Aug-Jan



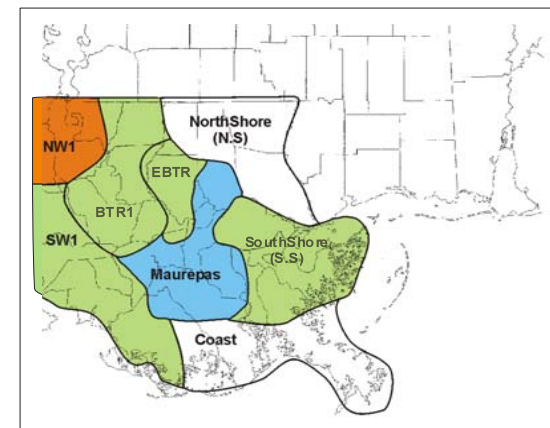
Sep-Feb



Oct-Mar



Nov-Apr



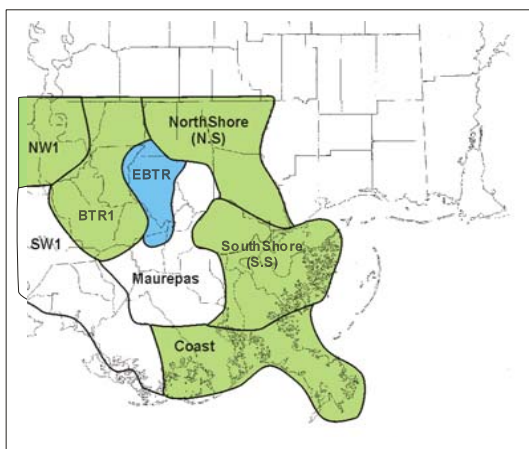
Dec-May

Figure 66a- EBTR 6 mo Interval T-test results

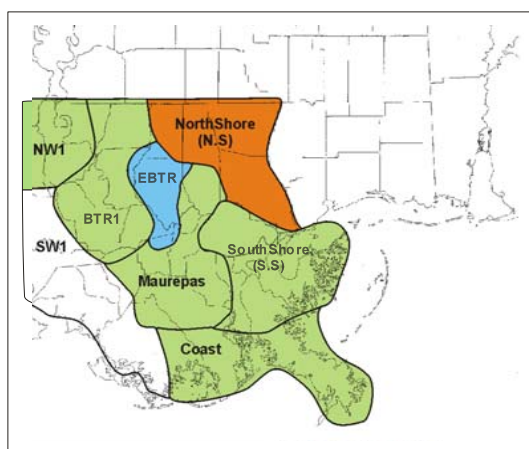
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

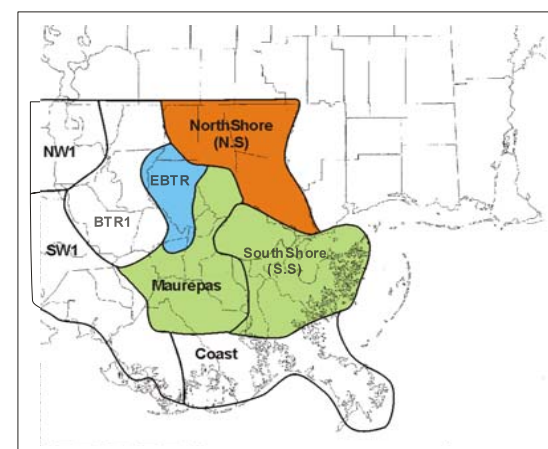
No Shading - T-test not performed due to groups having unequal variances from F-test results



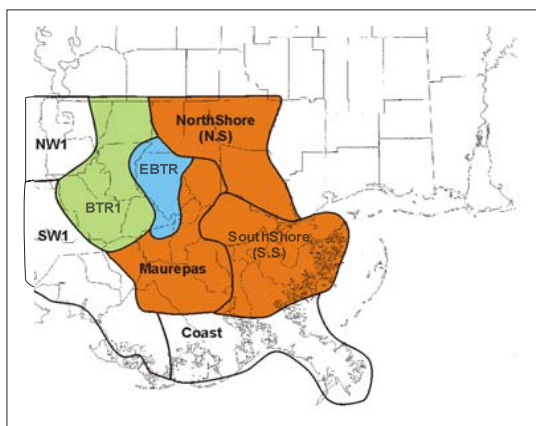
Jan-Jun



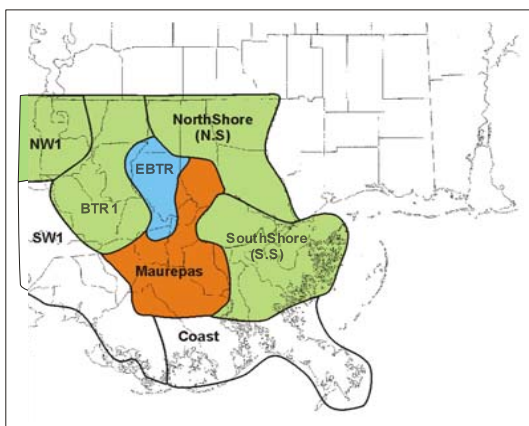
Feb-Jul



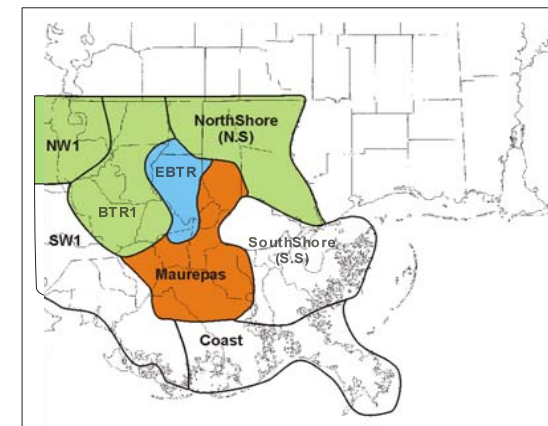
Mar-Aug



Apr-Sep



May-Oct



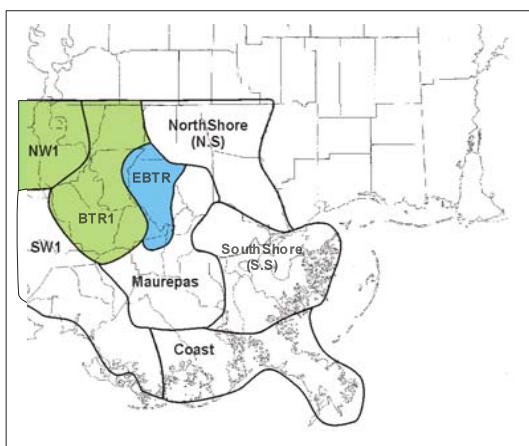
Jun-Nov

Figure 66b- EBTR 6 mo Interval T-test results

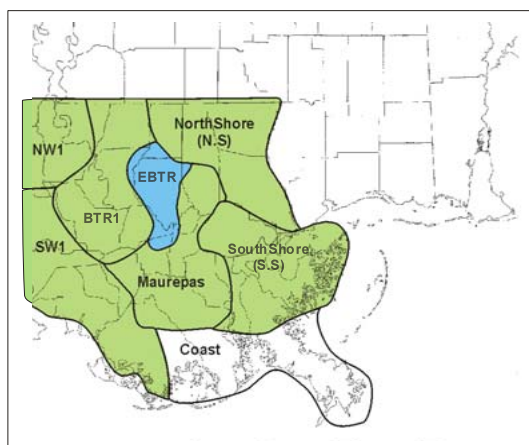
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

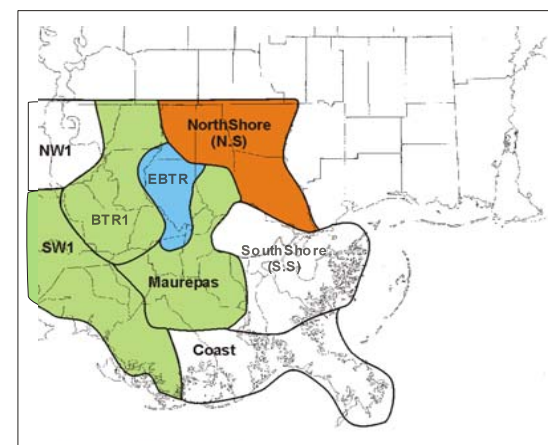
No Shading - T-test not performed due to groups having unequal variances from F-test results



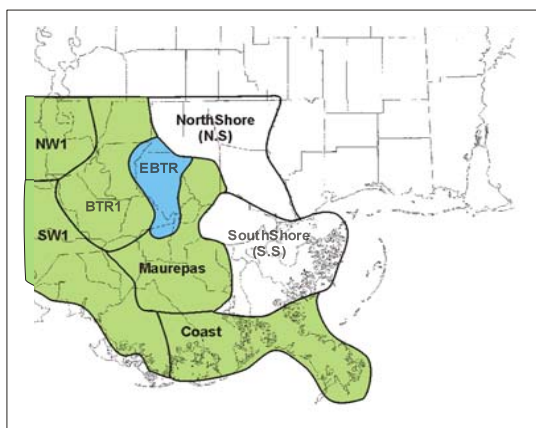
Jul-Dec



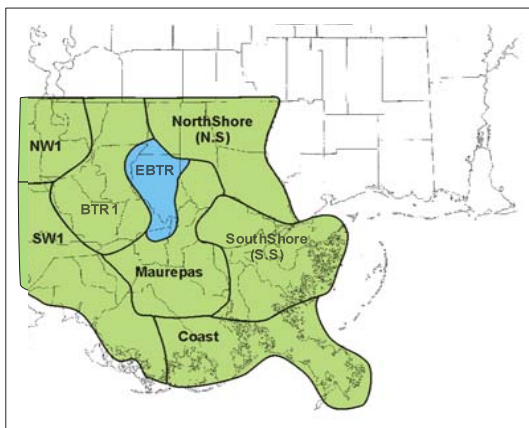
Aug-Jan



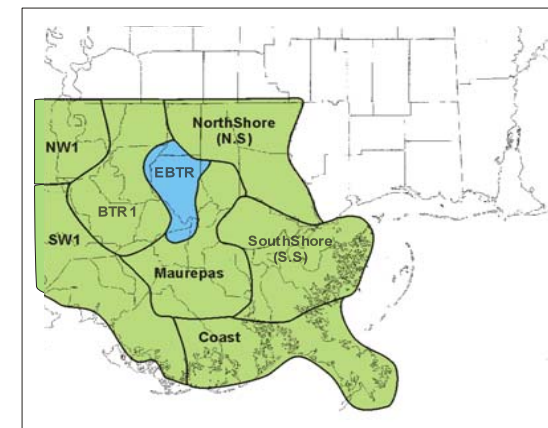
Sep-Feb



Oct-Mar



Nov-Apr



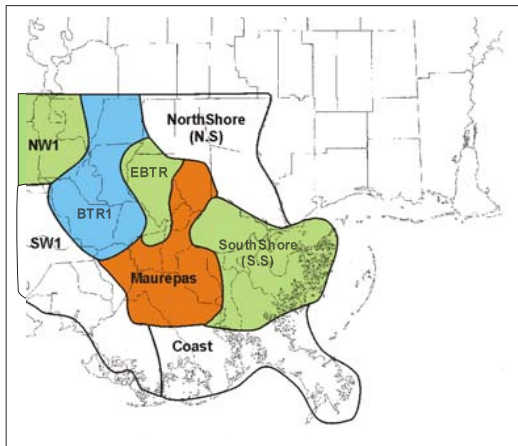
Dec-May

Figure 67a- BTR1 6 mo Interval T-test results

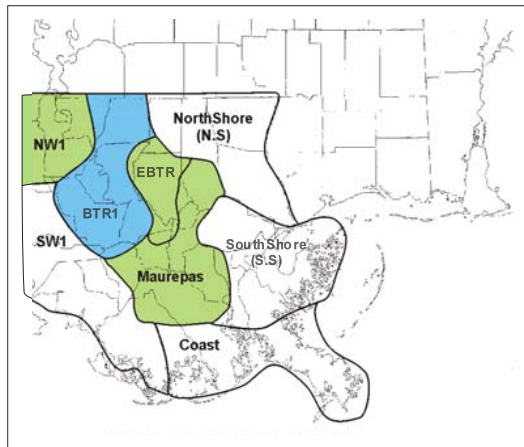
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

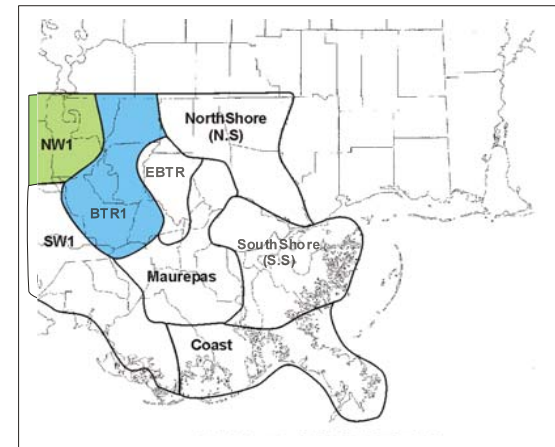
No Shading - T-test not performed due to groups having unequal variances from F-test results



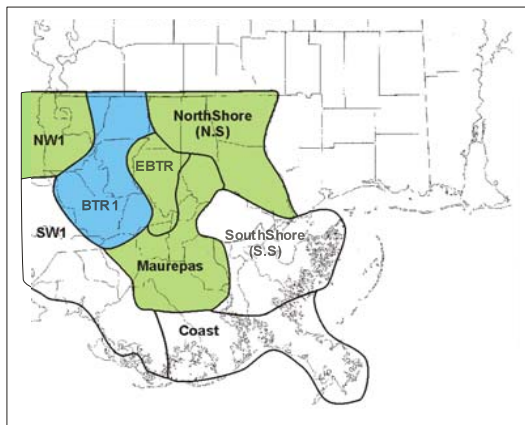
Jan-Jun



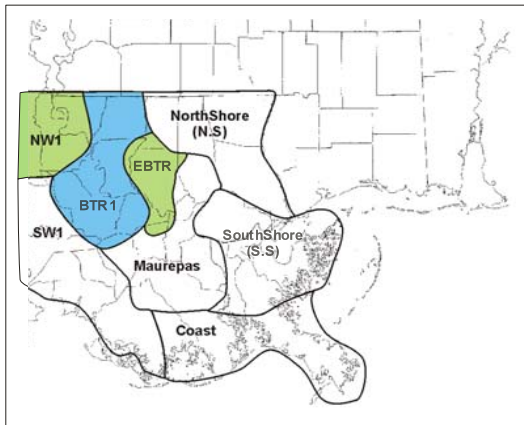
Feb-Jul



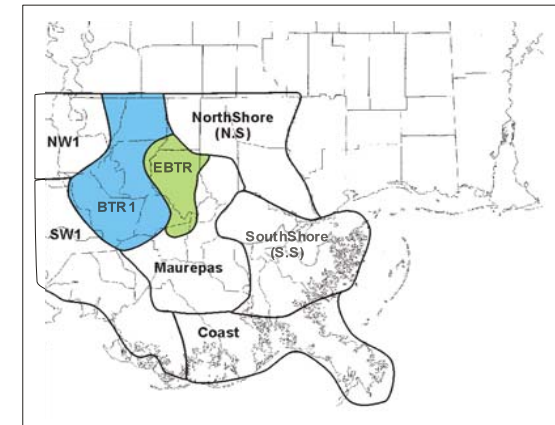
Mar-Aug



Apr-Sep



May-Oct



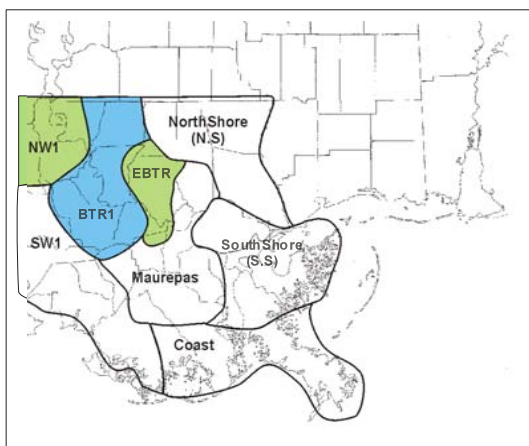
Jun-Nov

Figure 67b- BTR1 6 mo Interval T-test results

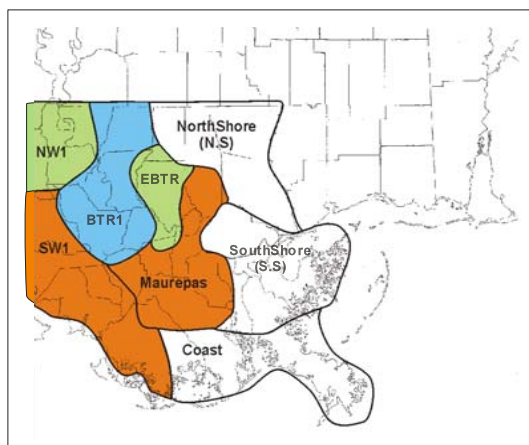
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

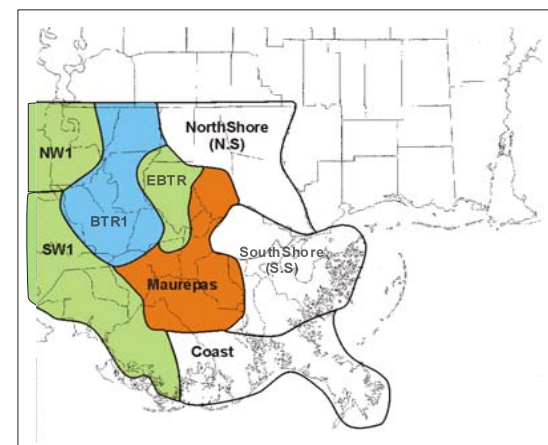
No Shading - T-test not performed due to groups having unequal variances from F-test results



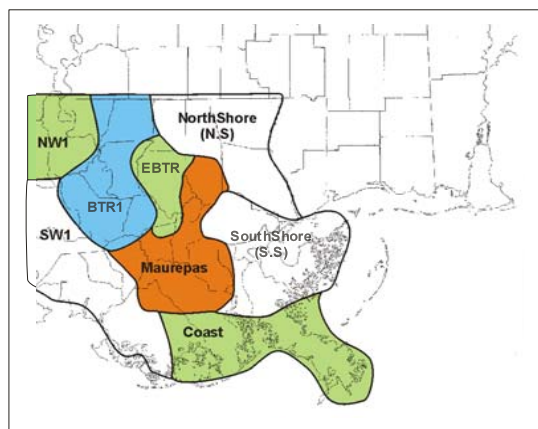
Jul-Dec



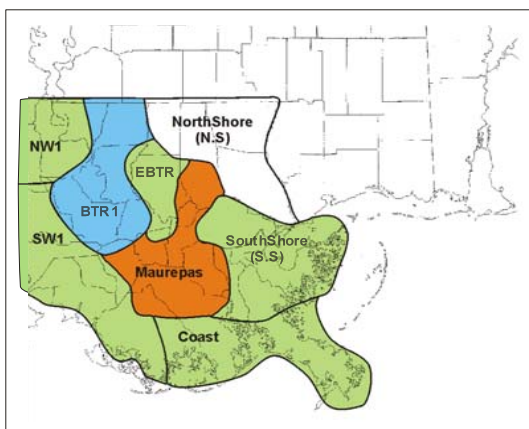
Aug-Jan



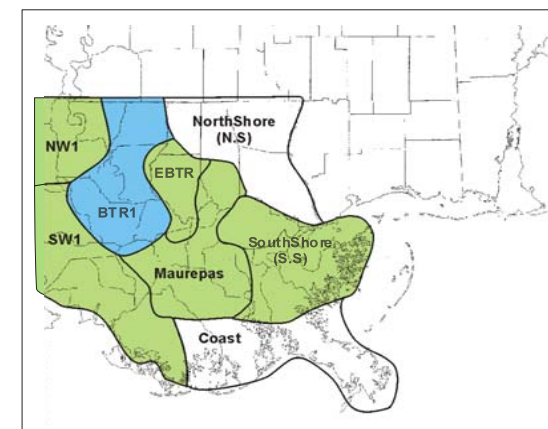
Sep-Feb



Oct-Mar



Nov-Apr



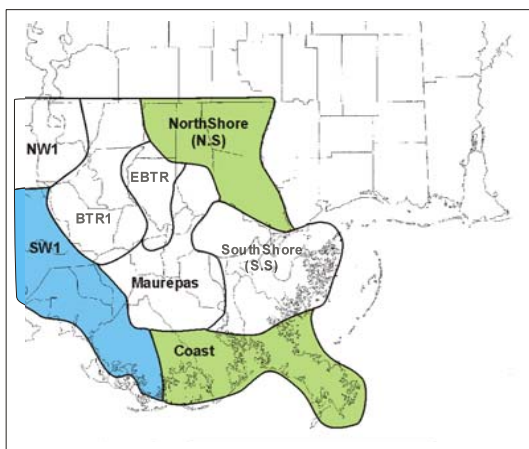
Dec-May

Figure 68a- SW1 6 mo Interval T-test results

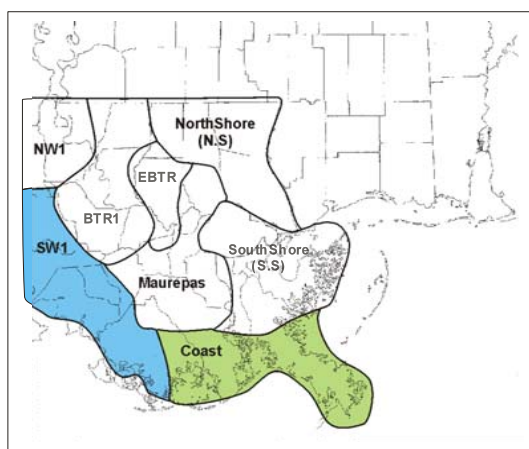
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

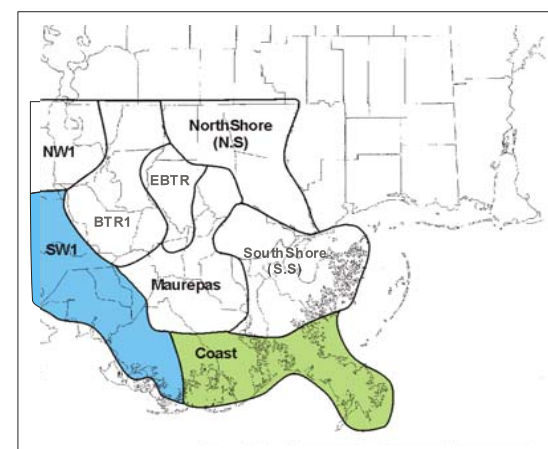
No Shading - T-test not performed due to groups having unequal variances from F-test results



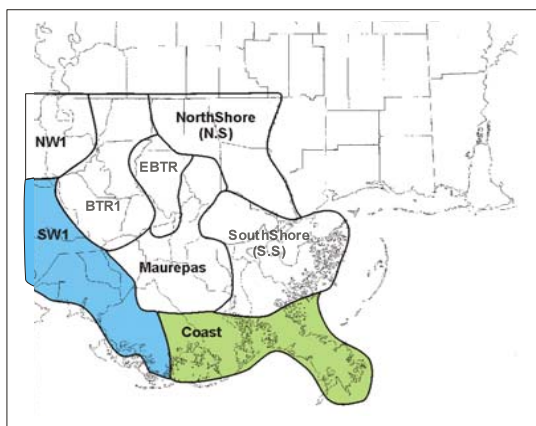
Jan-Jun



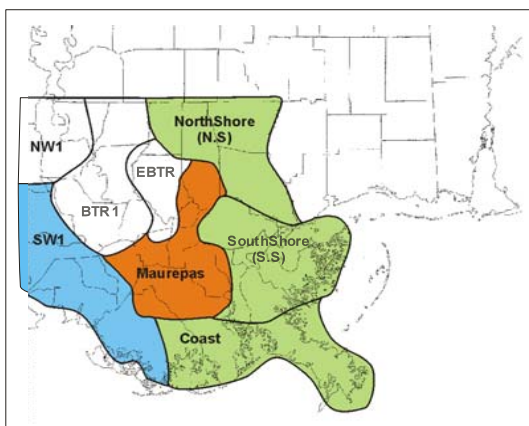
Feb-Jul



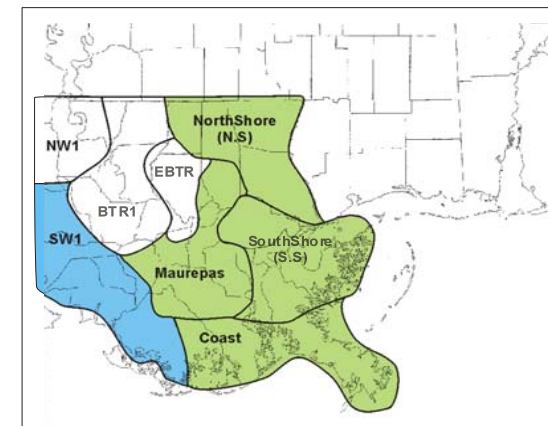
Mar-Aug



Apr-Sep



May-Oct



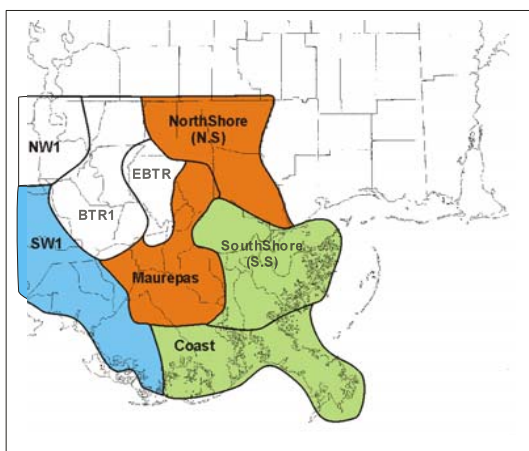
Jun-Nov

Figure 68b- SW1 6 mo Interval T-test results

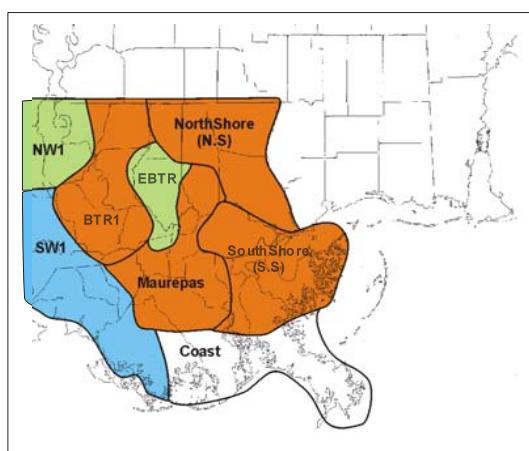
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

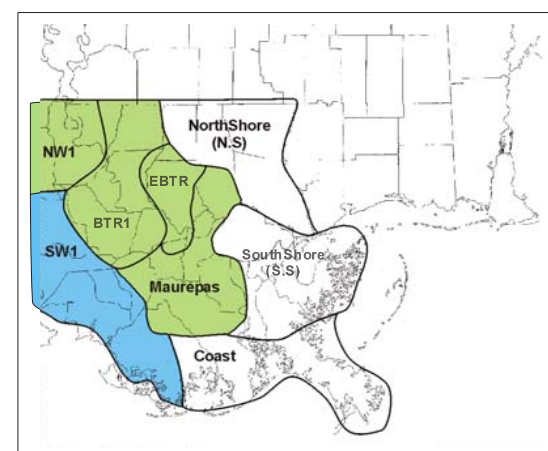
No Shading - T-test not performed due to groups having unequal variances from F-test results



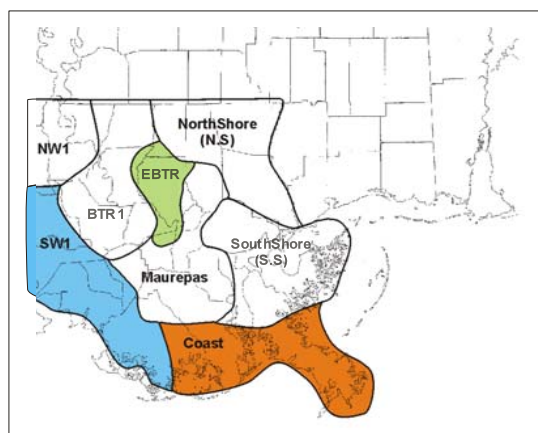
Jul-Dec



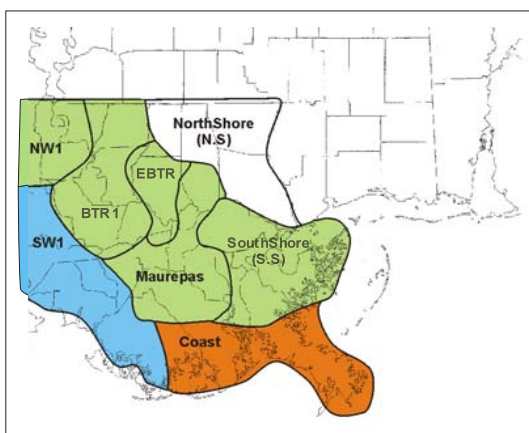
Aug-Jan



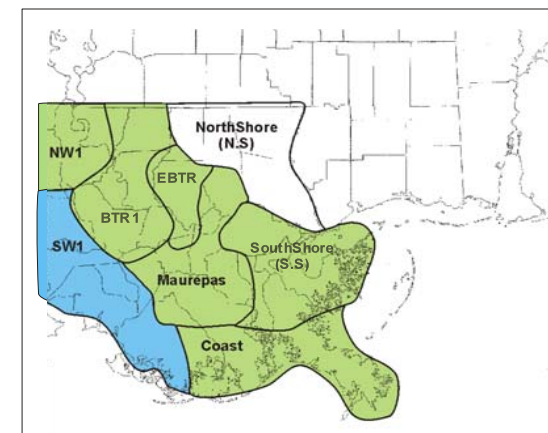
Sep-Feb



Oct-Mar



Nov-Apr



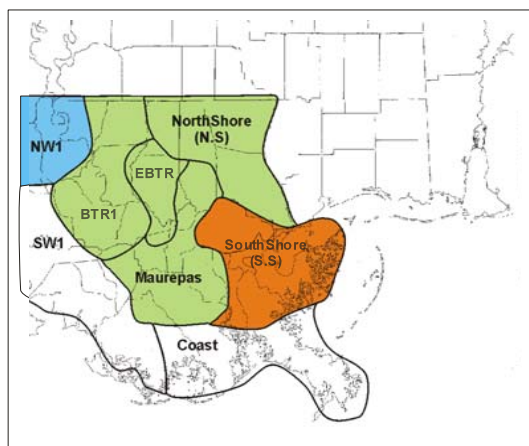
Dec-May

Figure 69a- NW1 6 mo Interval T-test results

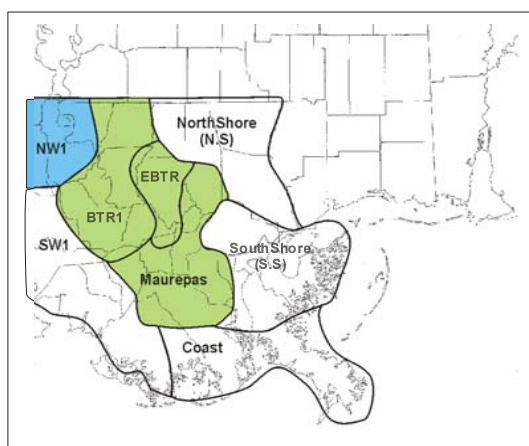
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

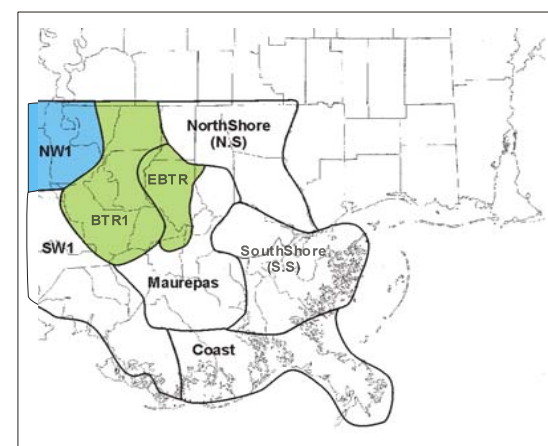
No Shading - T-test not performed due to groups having unequal variances from F-test results



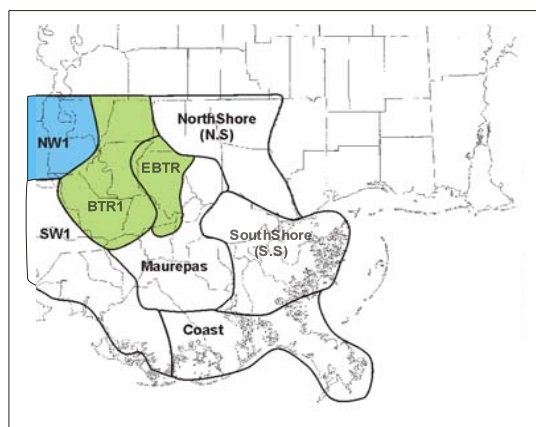
Jan-Jun



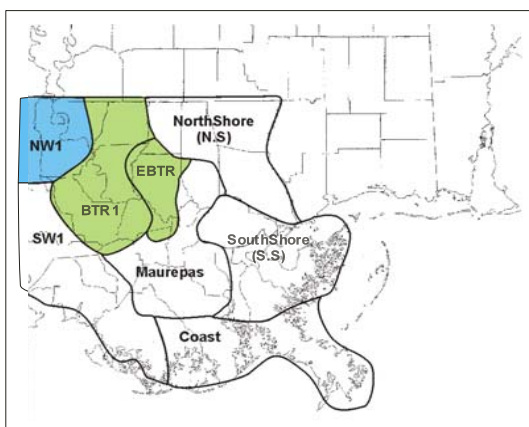
Feb-Jul



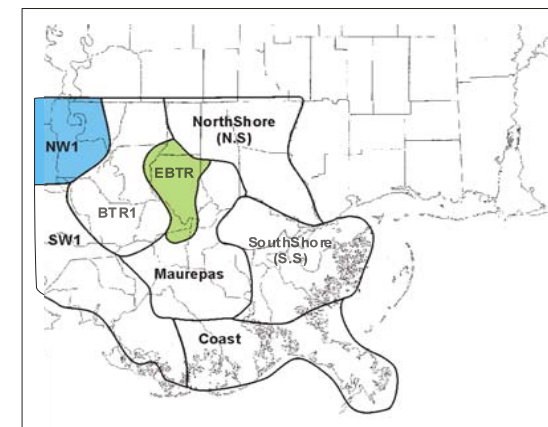
Mar-Aug



Apr-Sep



May-Oct



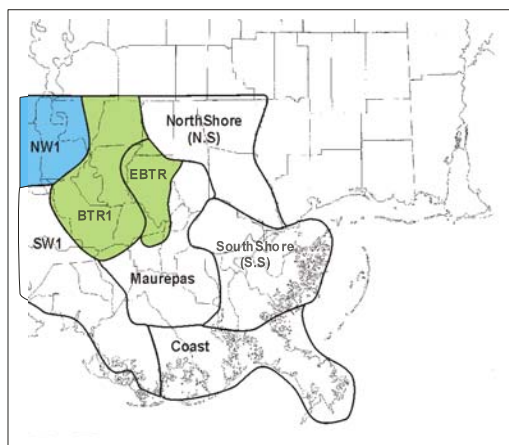
Jun-Nov

Figure 69b- NW1 6 mo Interval T-test results

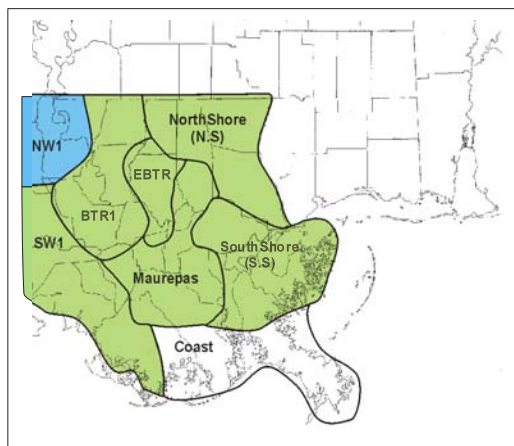
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

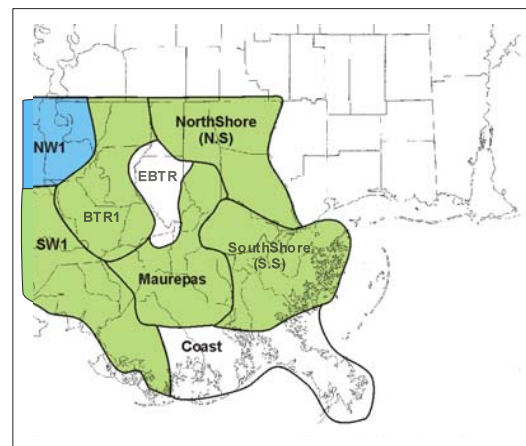
No Shading - T-test not performed due to groups having unequal variances from F-test results



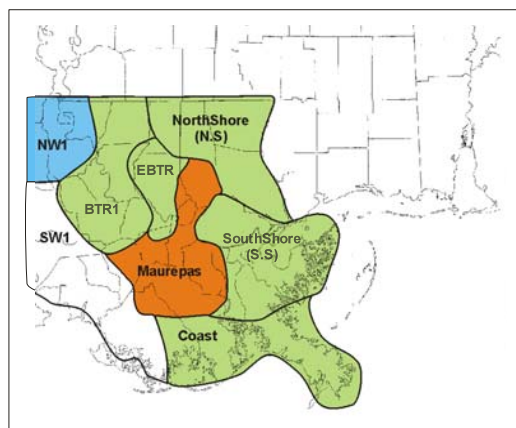
Jul-Dec



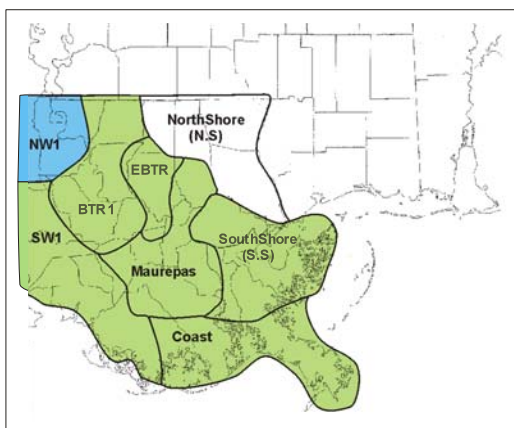
Aug-Jan



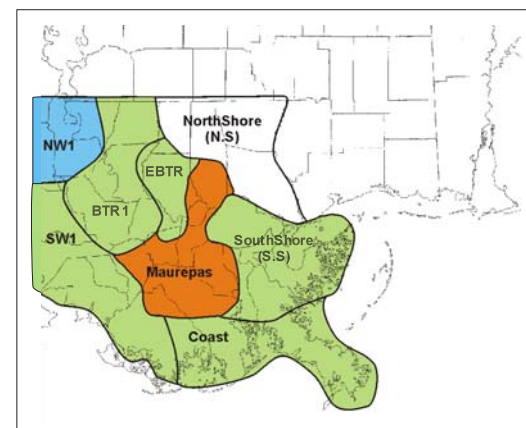
Sep-Feb



Oct-Mar



Nov-Apr



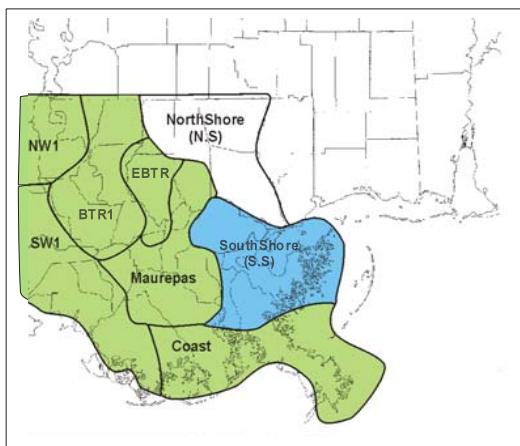
Dec-May

Figure 70a- Southshore 3 mo Interval T-test results

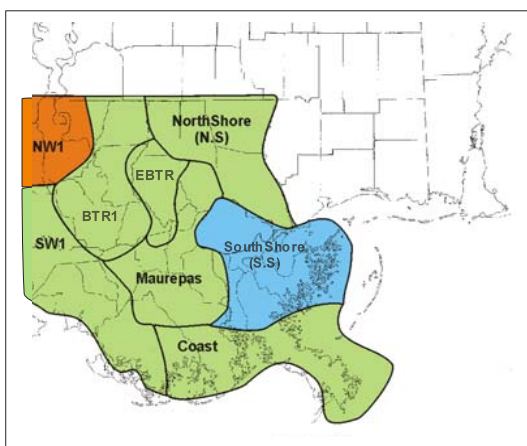
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

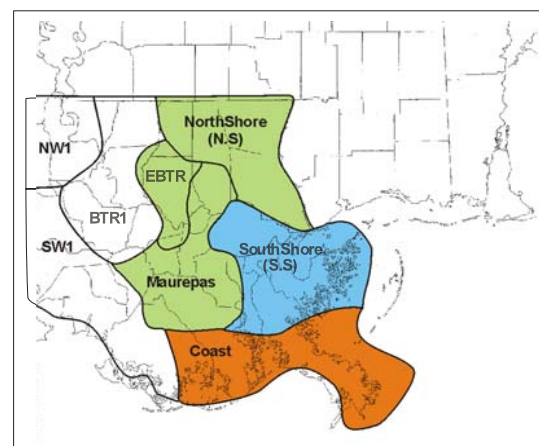
No Shading - T-test not performed due to groups having unequal variances from F-test results



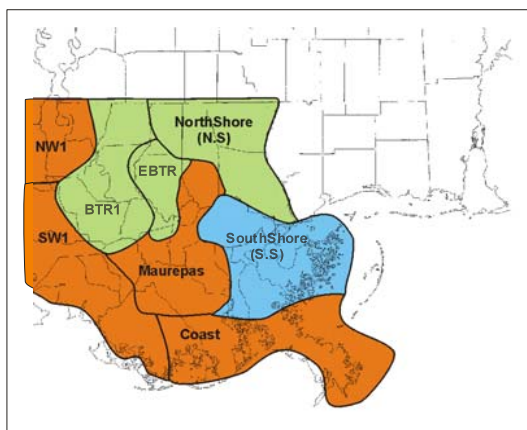
Jan-Mar



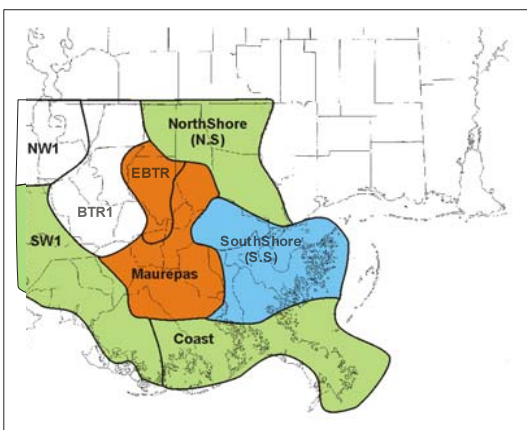
Feb-Apr



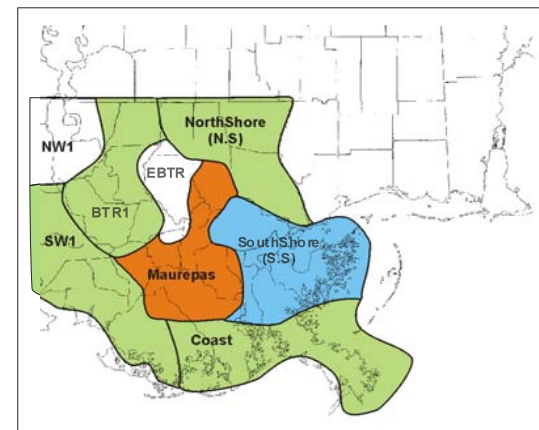
Mar-May



Apr-Jun



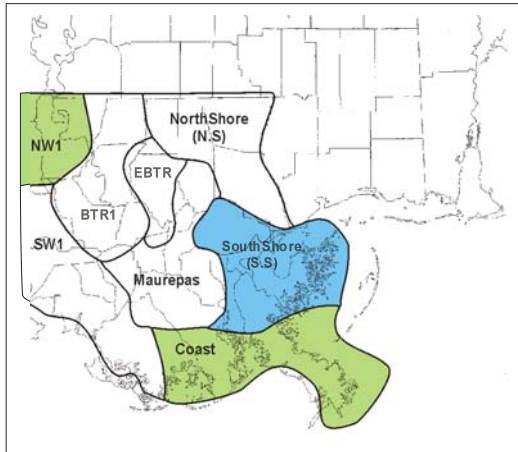
May-Jul



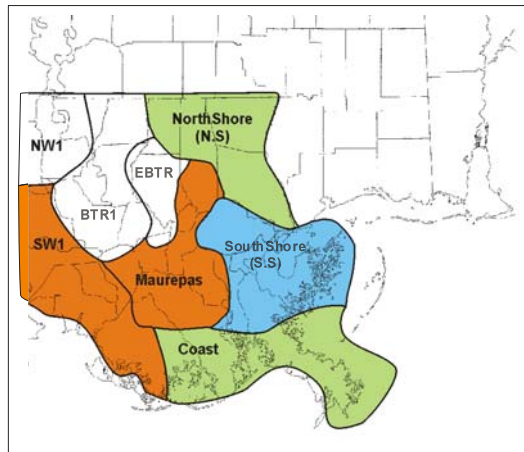
Jun-Aug

Figure 70b- Southshore 3 mo Interval T-test results

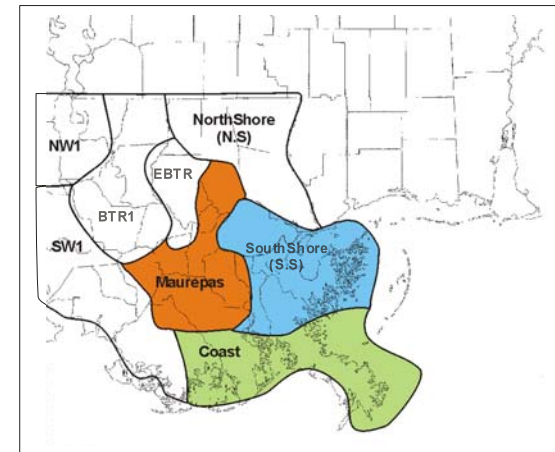
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean
 Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean
 No Shading - T-test not performed due to groups having unequal variances from F-test results



Jul-Sep



Aug-Oct



Sep-Nov

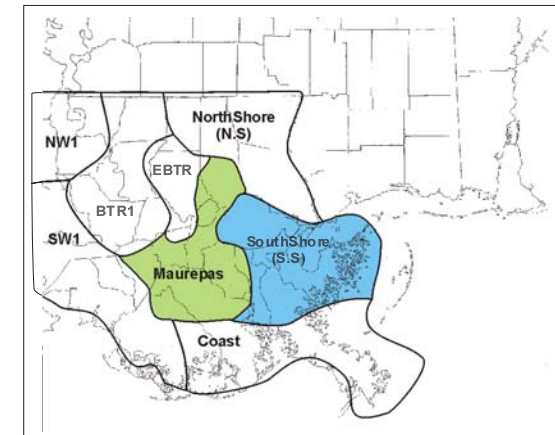
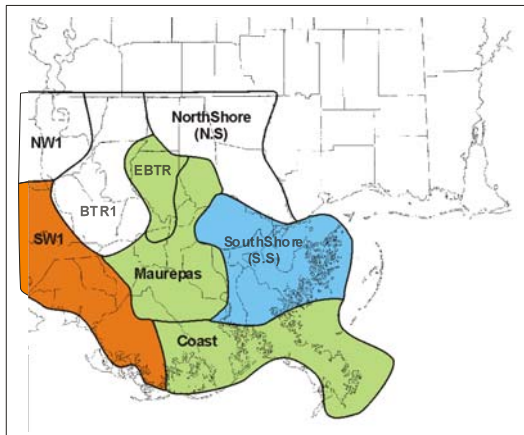
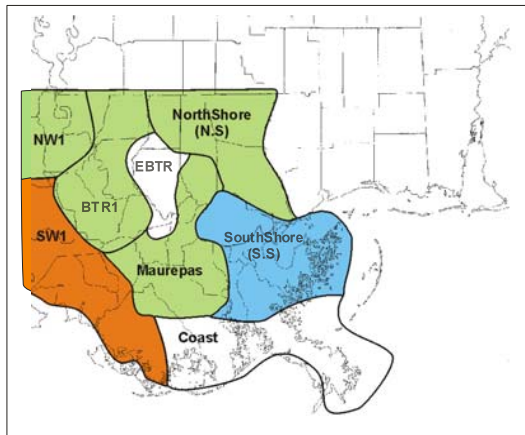
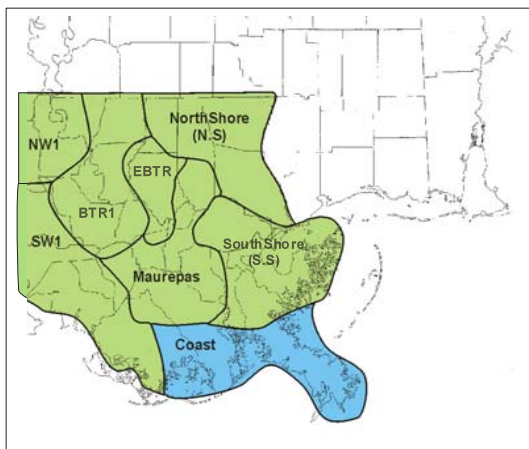


Figure 71a- Coast 3 mo Interval T-test results

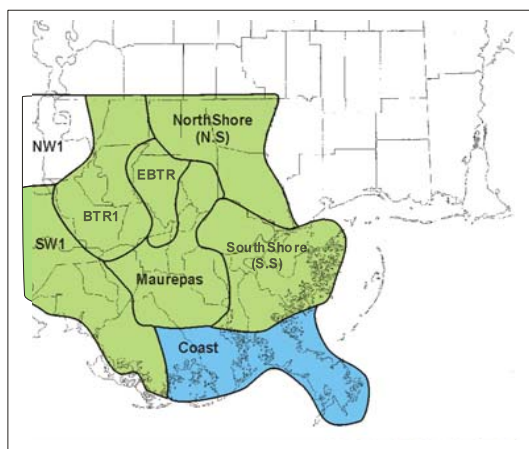
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

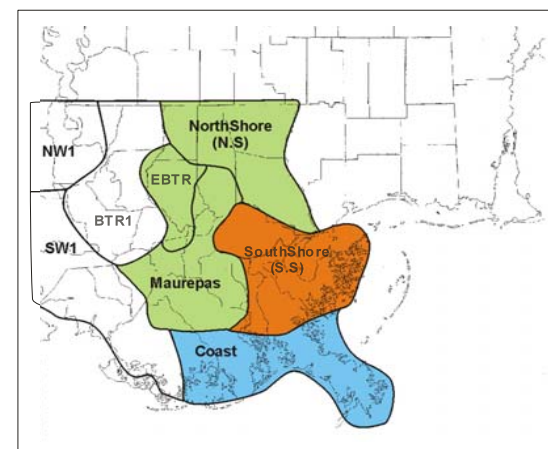
No Shading - T-test not performed due to groups having unequal variances from F-test results



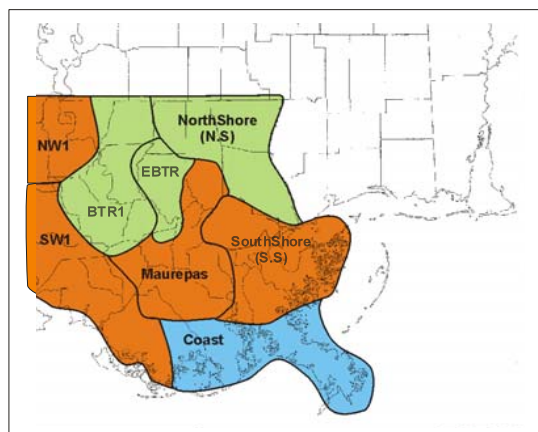
Jan-Mar



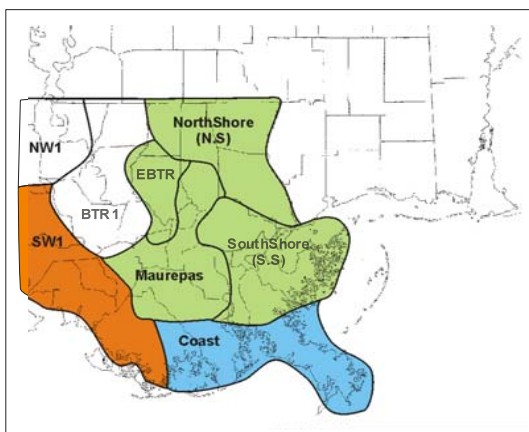
Feb-Apr



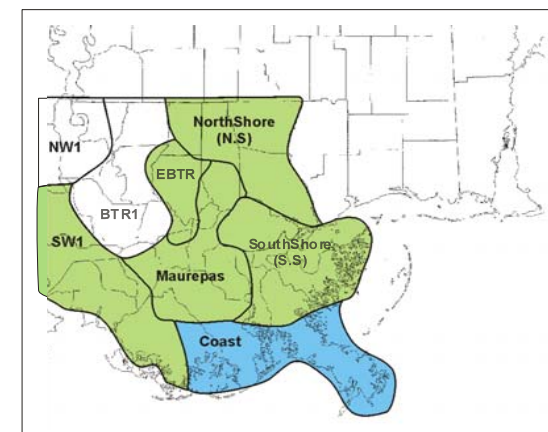
Mar-May



Apr-Jun



May-Jul



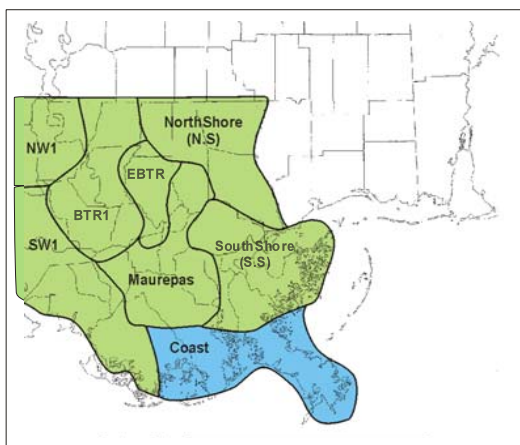
Jun-Aug

Figure 71b-Coast 3 mo Interval T-test results

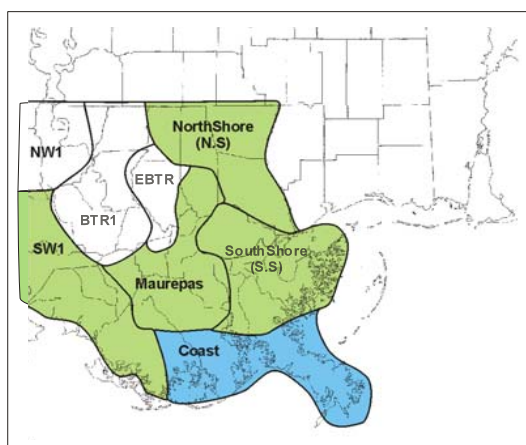
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

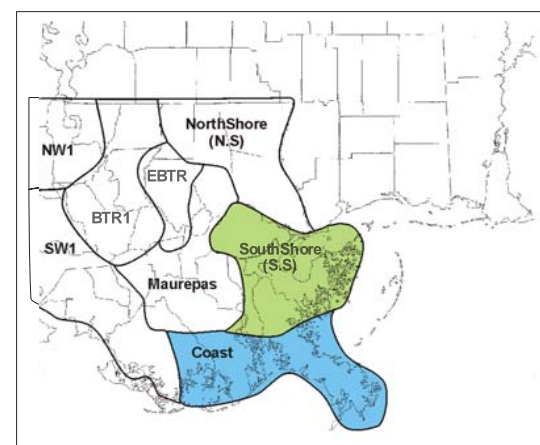
No Shading - T-test not performed due to groups having unequal variances from F-test results



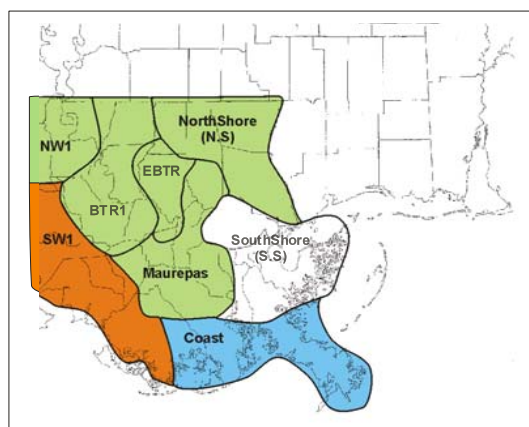
Jul-Sep



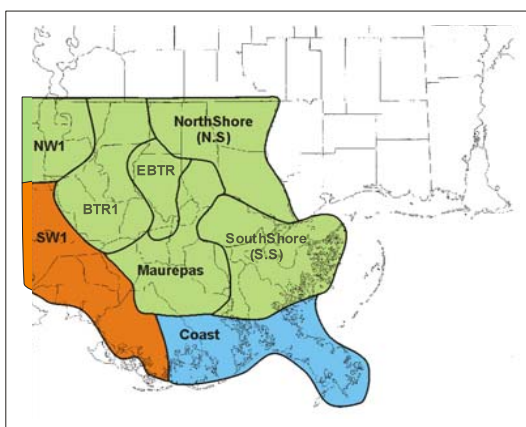
Aug-Oct



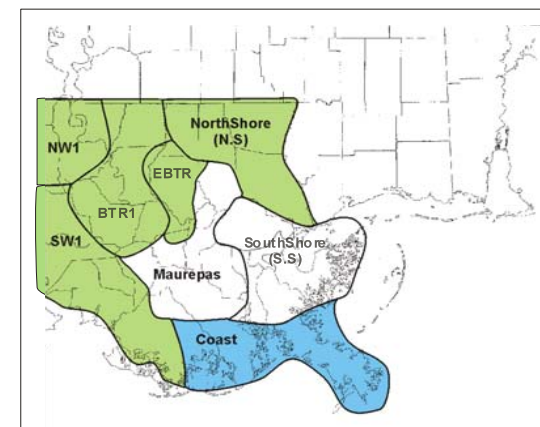
Sep-Nov



Oct-Dec



Nov-Jan



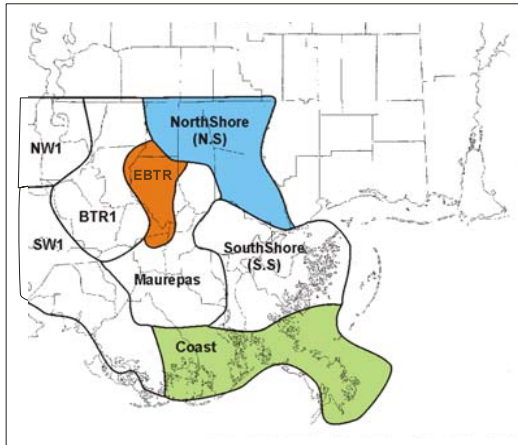
Dec-Feb

Figure 72a-Northshore 3 mo Interval T-test results

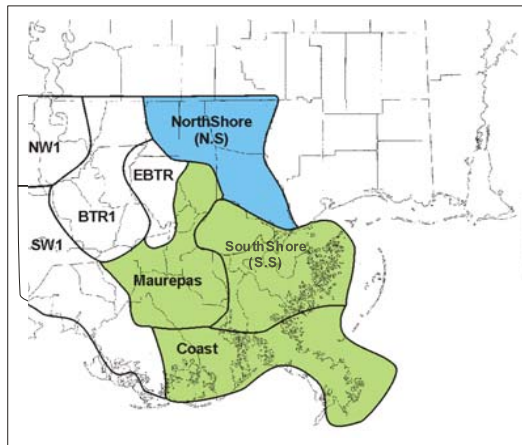
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

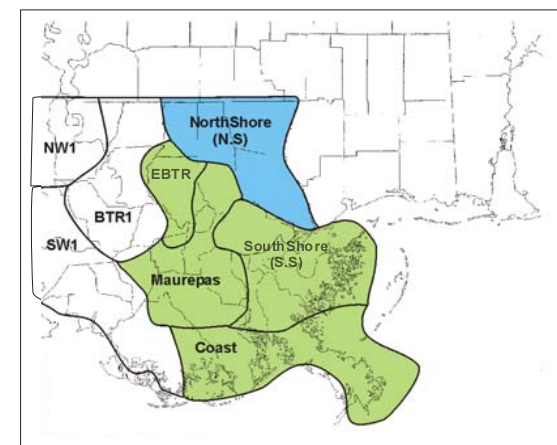
No Shading - T-test not performed due to groups having unequal variances from F-test results



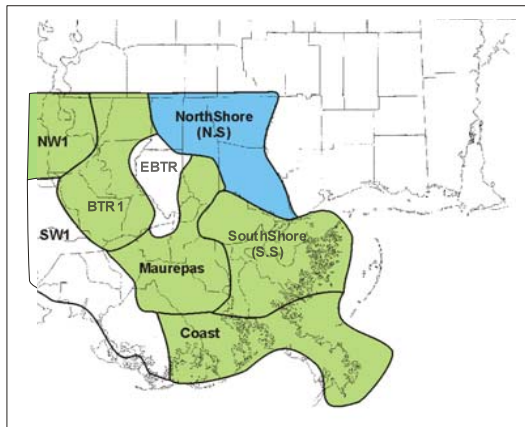
Jan-Mar



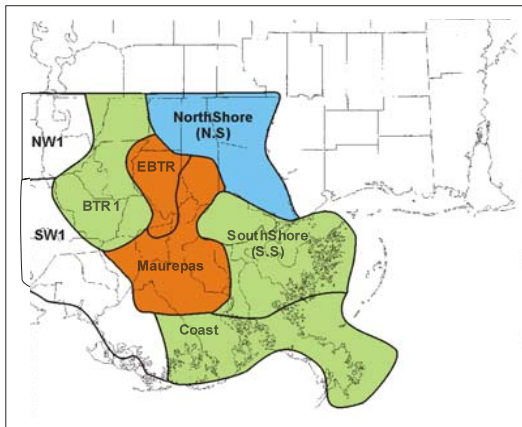
Feb-Apr



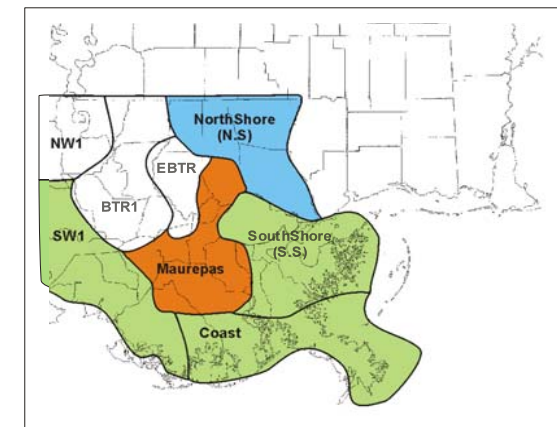
Mar-May



Apr-Jun



May-Jul



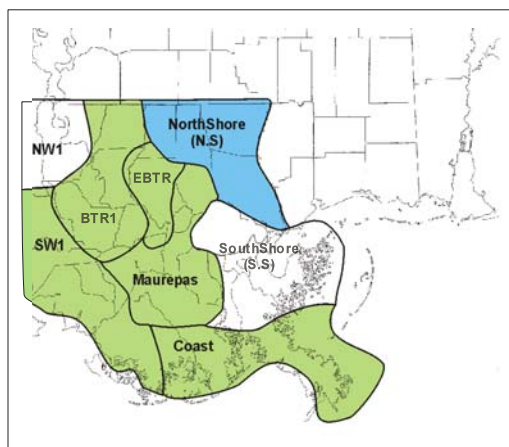
Jun-Aug

Figure 72b-Northshore 3 mo Interval T-test results

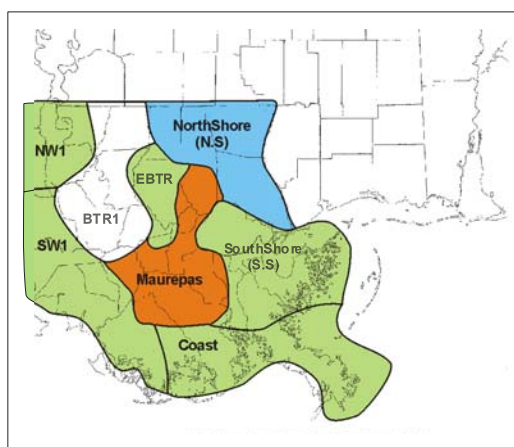
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

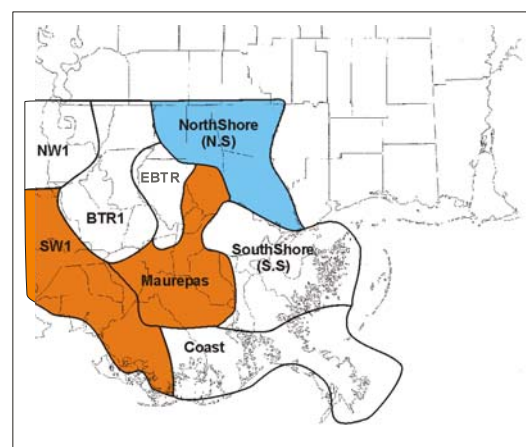
No Shading - T-test not performed due to groups having unequal variances from F-test results



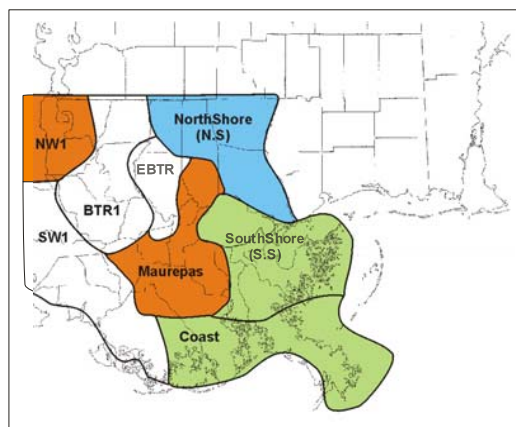
Jul-Sep



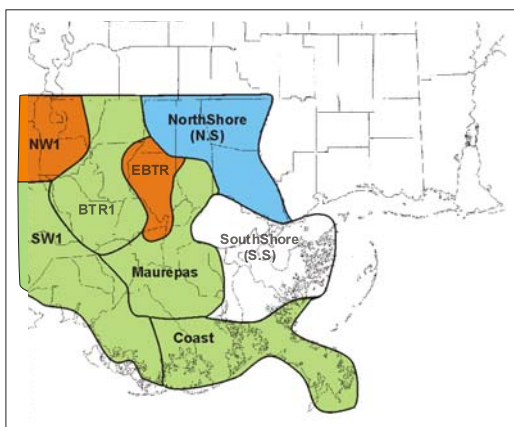
Aug-Oct



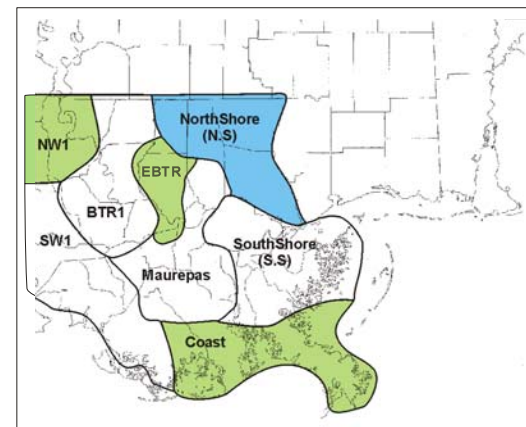
Sep-Nov



Oct-Dec



Nov-Jan



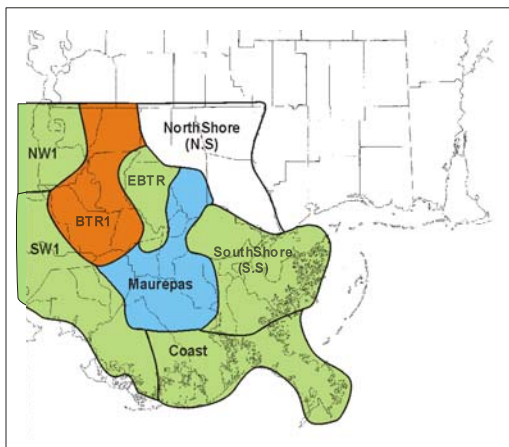
Dec-Feb

Figure 73a-Maurepas 3 mo Interval T-test results

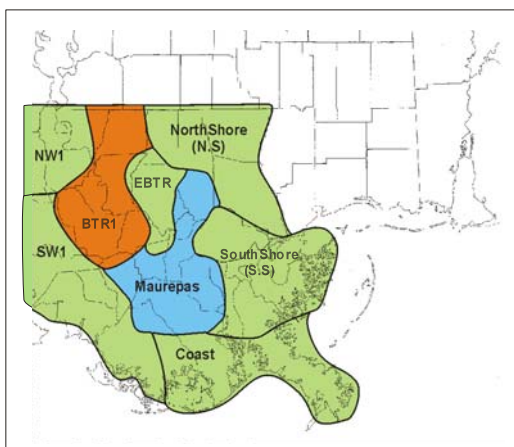
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

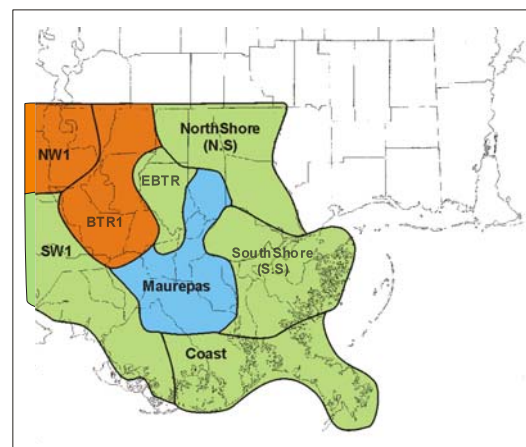
No Shading - T-test not performed due to groups having unequal variances from F-test results



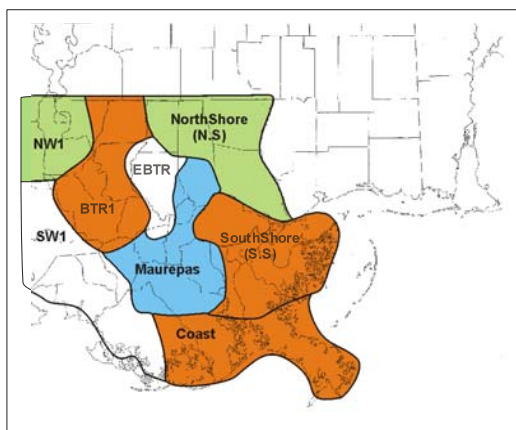
Jan-Mar



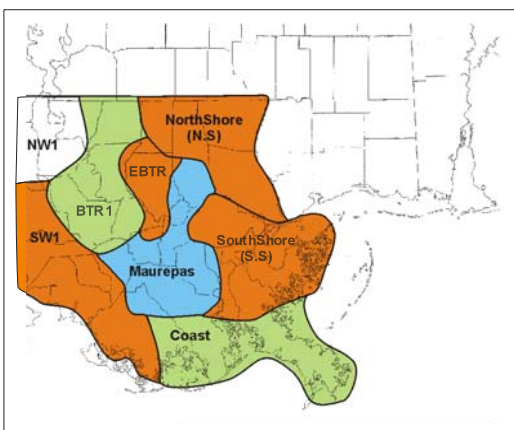
Feb-Apr



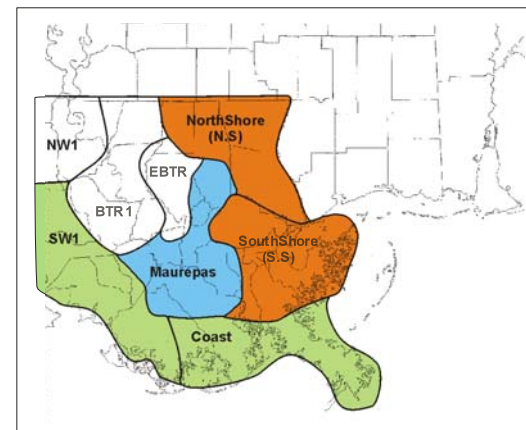
Mar-May



Apr-Jun



May-Jul



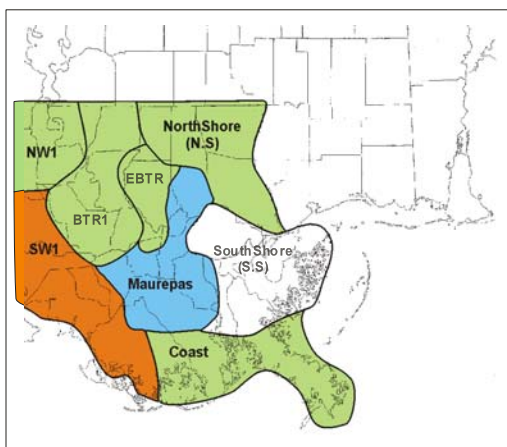
Jun-Aug

Figure 73b-Maurepas 3 mo Interval T-test results

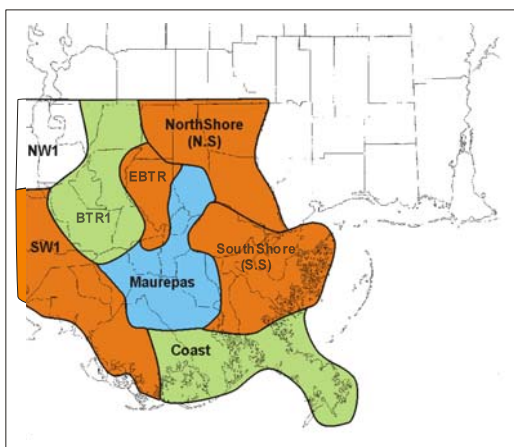
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

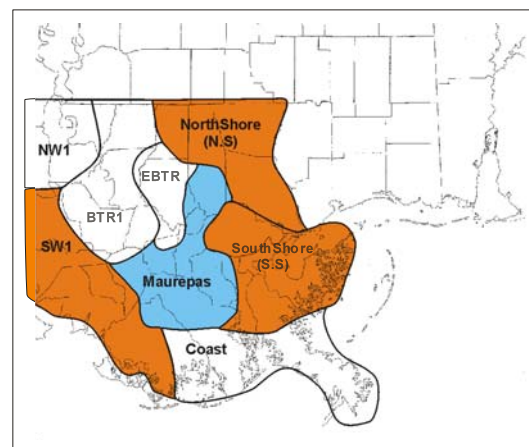
No Shading - T-test not performed due to groups having unequal variances from F-test results



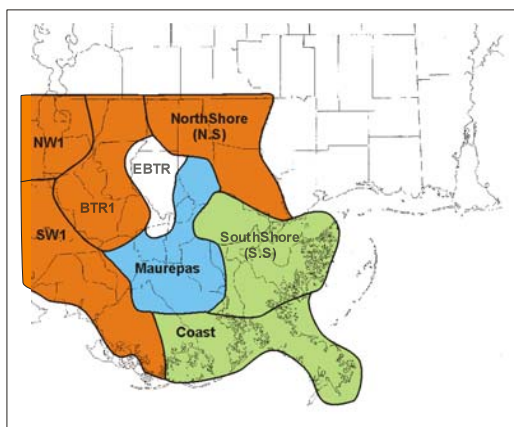
Jul-Sep



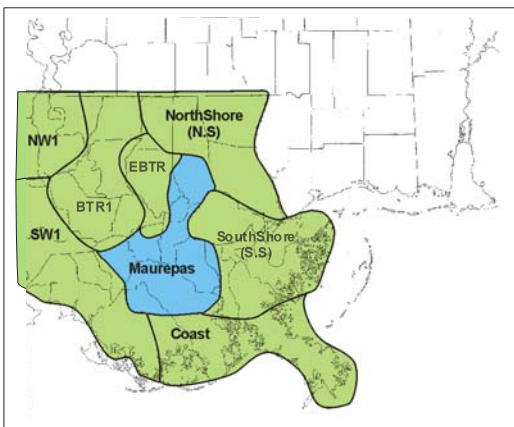
Aug-Oct



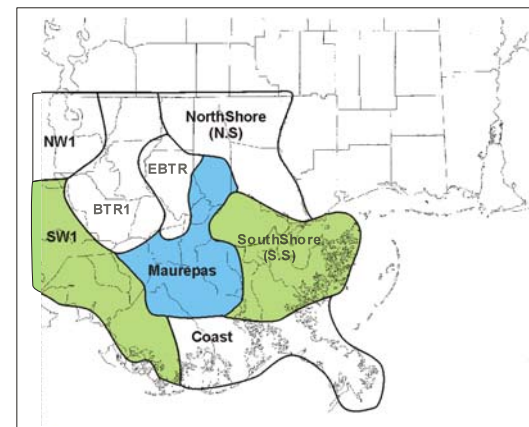
Sep-Nov



Oct-Dec



Nov-Jan



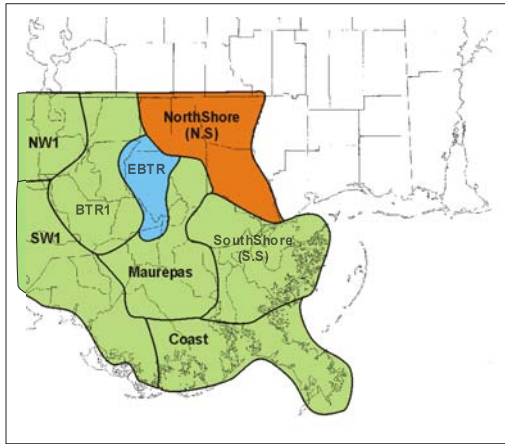
Dec-Feb

Figure 74a-EBTR 3 mo Interval T-test results

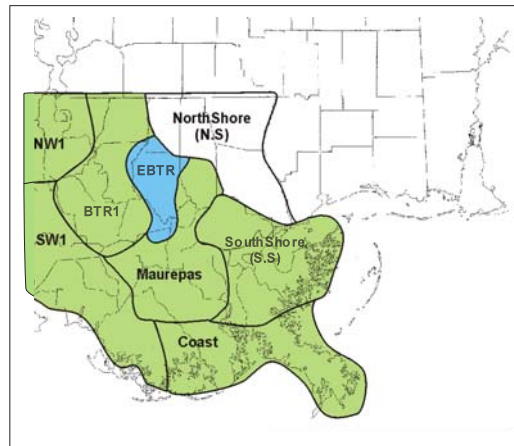
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

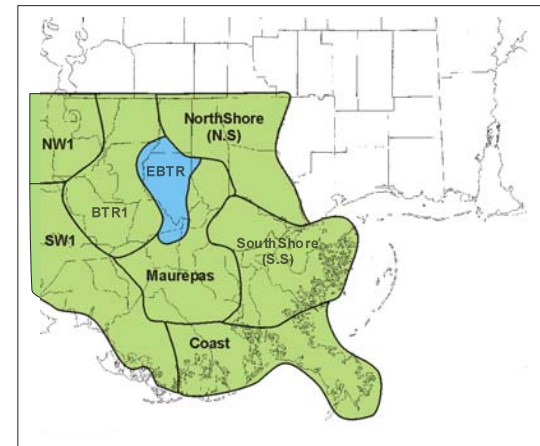
No Shading - T-test not performed due to groups having unequal variances from F-test results



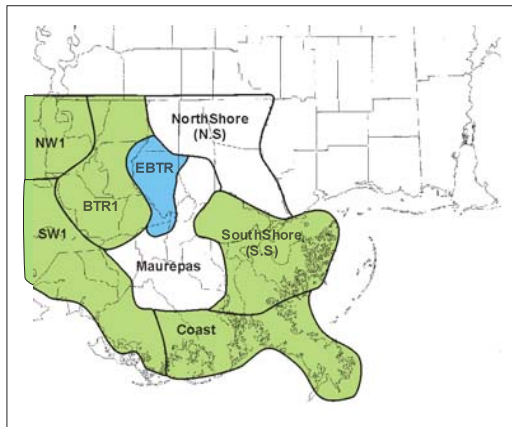
Jan-Mar



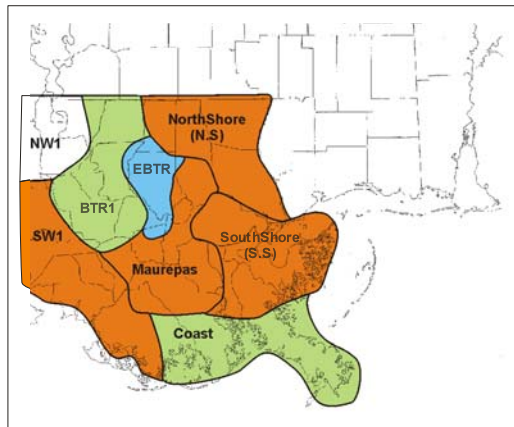
Feb-Apr



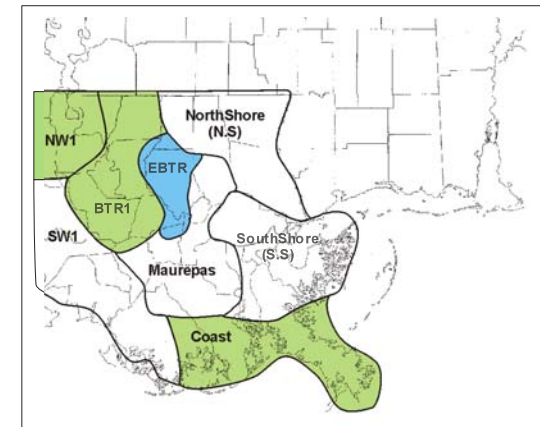
Mar-May



Apr-Jun



May-Jul



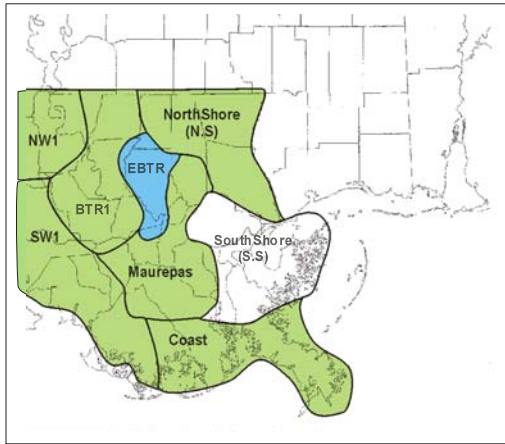
Jun-Aug

Figure 74b-EBTR 3 mo Interval T-test results

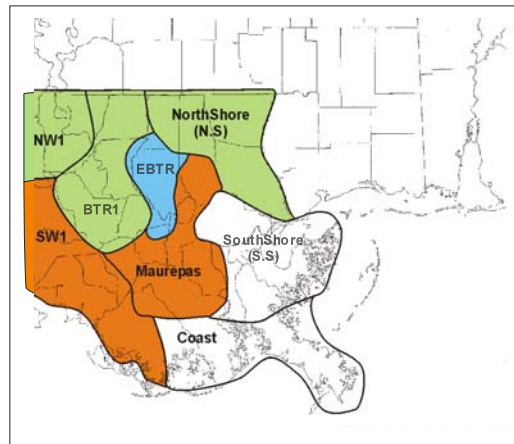
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

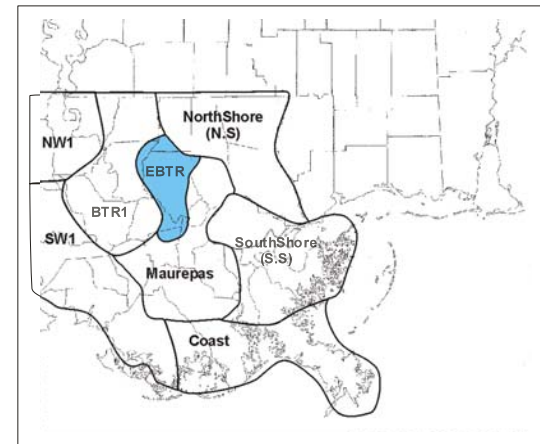
No Shading - T-test not performed due to groups having unequal variances from F-test results



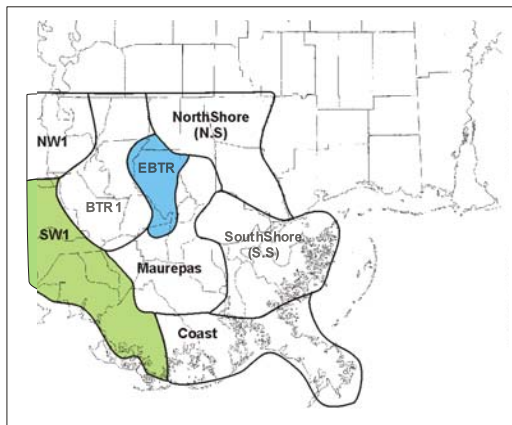
Jul-Sep



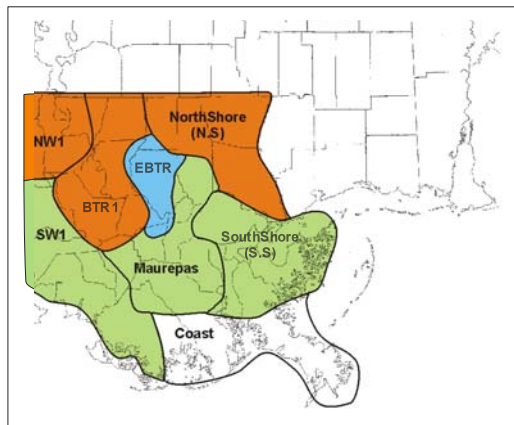
Aug-Oct



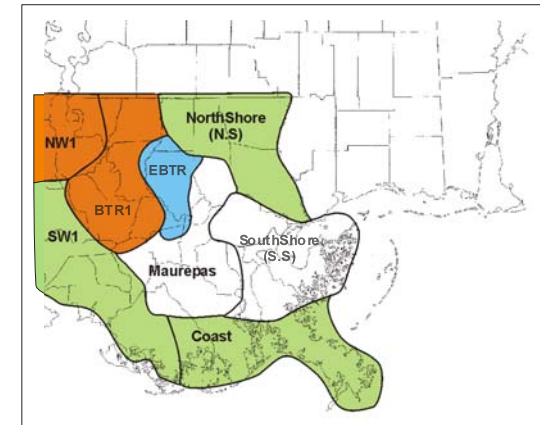
Sep-Nov



Oct-Dec



Nov-Jan



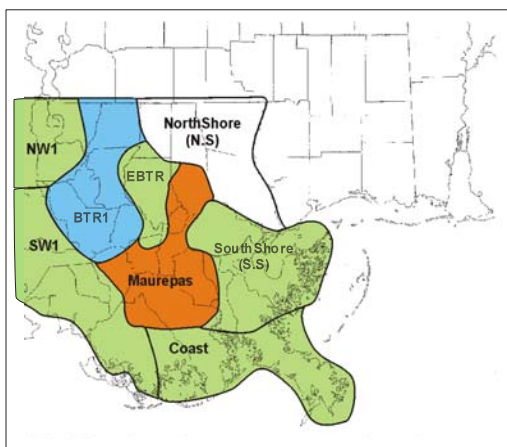
Dec-Feb

Figure 75a-BTR1 3 mo Interval T-test results

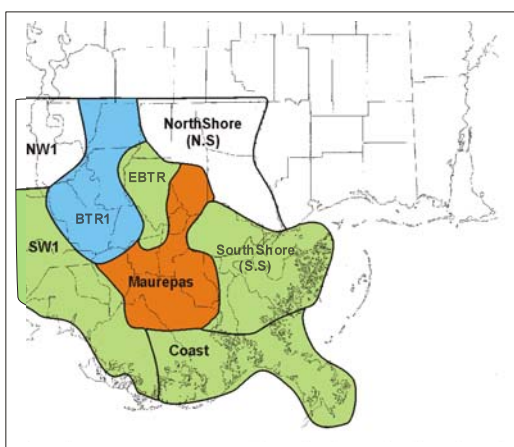
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

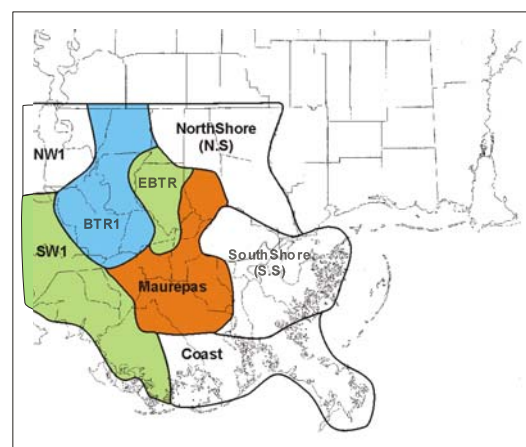
No Shading - T-test not performed due to groups having unequal variances from F-test results



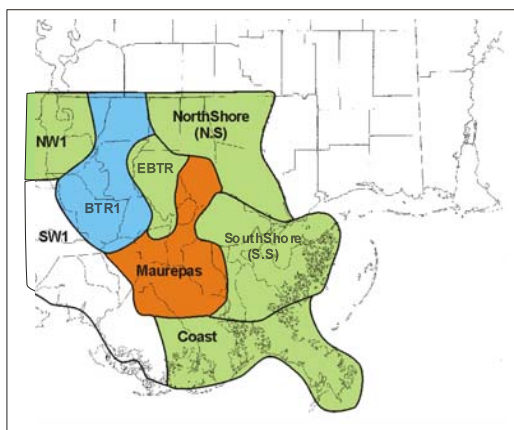
Jan-Mar



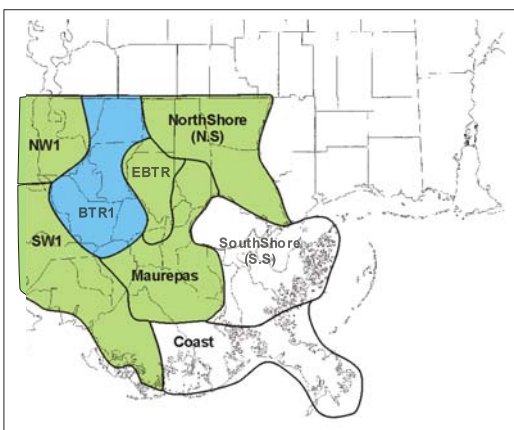
Feb-Apr



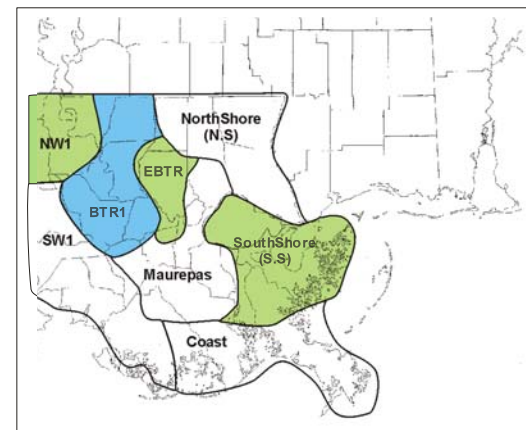
Mar-May



Apr-Jun



May-Jul



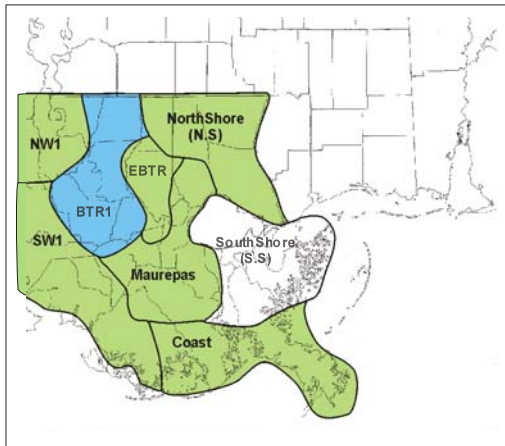
Jun-Aug

Figure 75b- BTR1 3 mo Interval T-test results

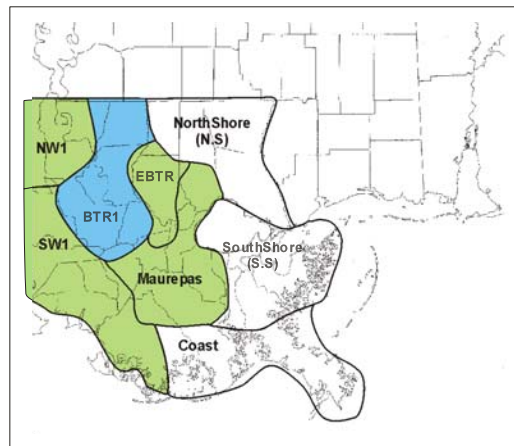
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

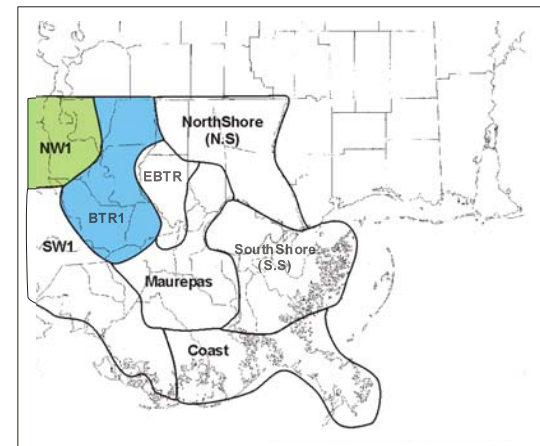
No Shading - T-test not performed due to groups having unequal variances from F-test results



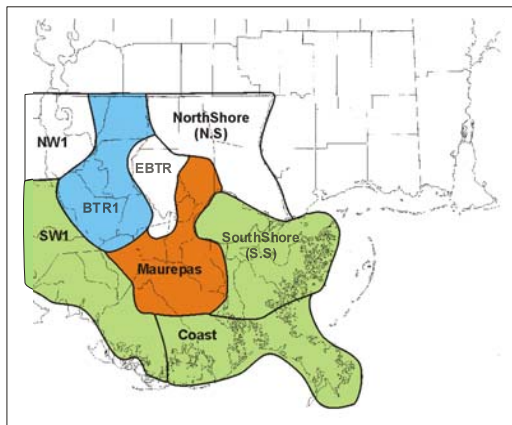
Jul-Sep



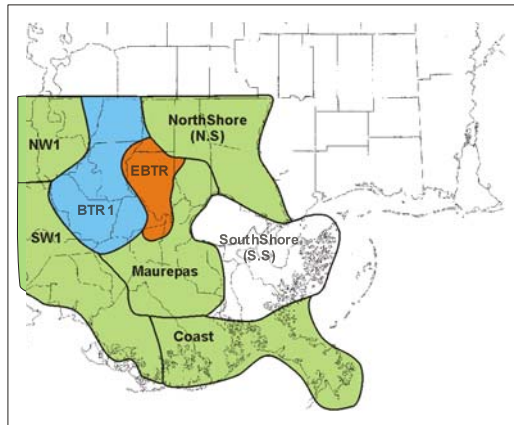
Aug-Oct



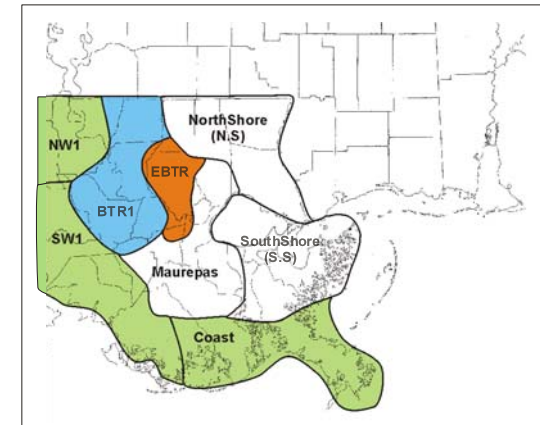
Sep-Nov



Oct-Dec



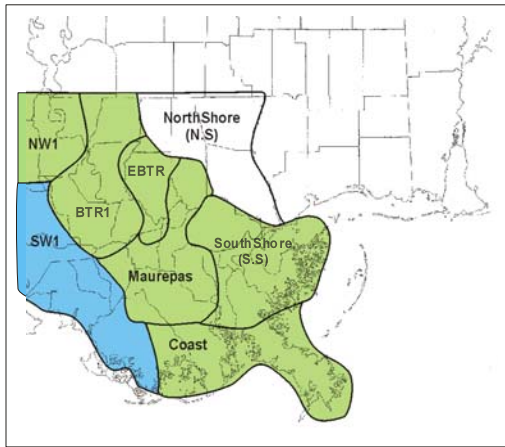
Nov-Jan



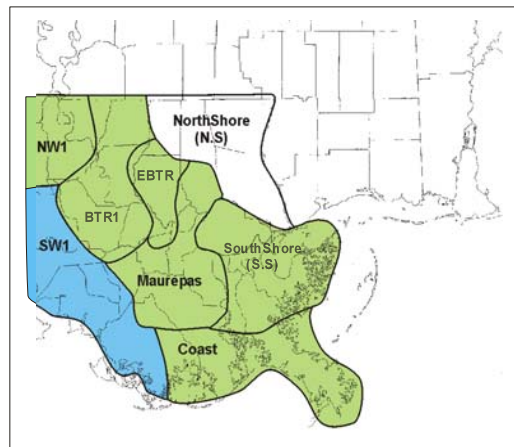
Dec-Feb

Figure 76a- SW1 3 mo Interval T-test results

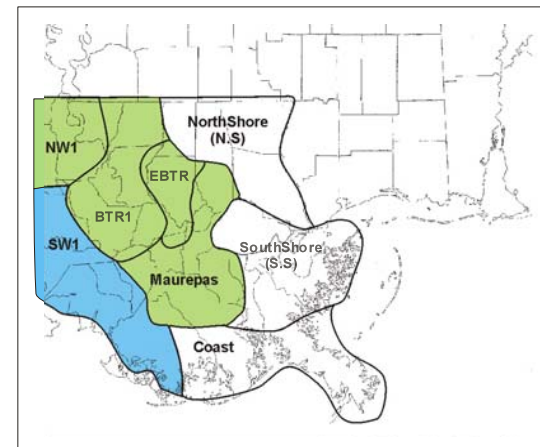
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean
 Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean
 No Shading - T-test not performed due to groups having unequal variances from F-test results



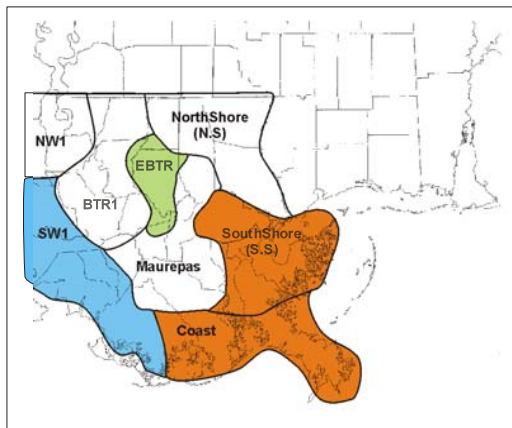
Jan-Mar



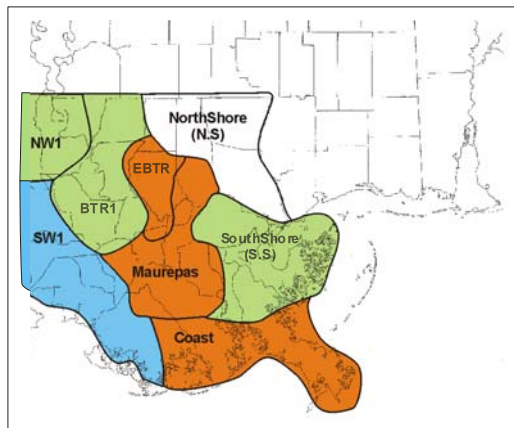
Feb-Apr



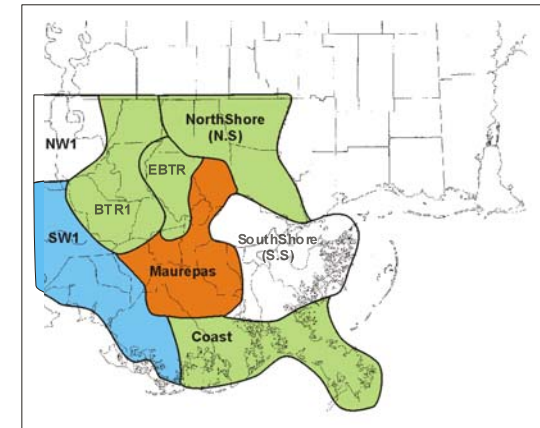
Mar-May



Apr-Jun



May-Jul



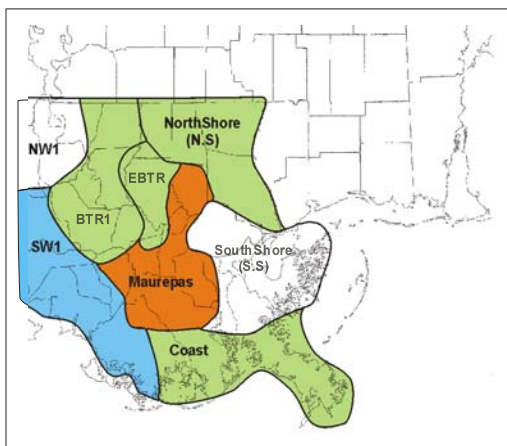
Jun-Aug

Figure 76b-SW1 3 mo Interval T-test results

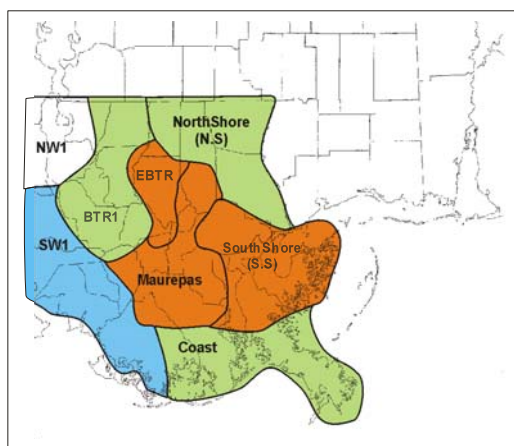
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

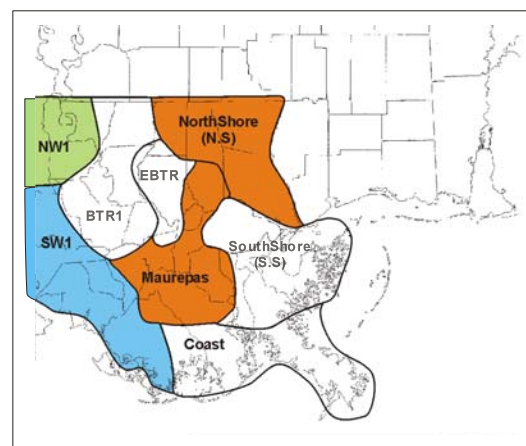
No Shading - T-test not performed due to groups having unequal variances from F-test results



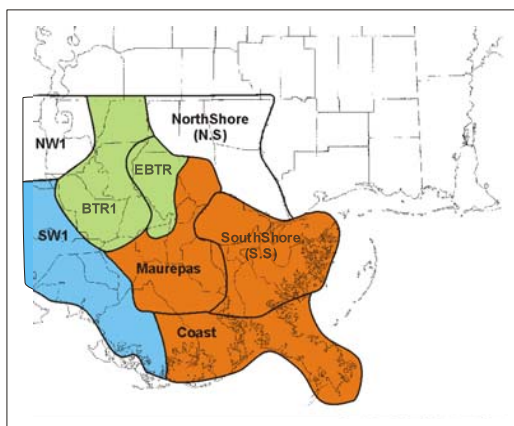
Jul-Sep



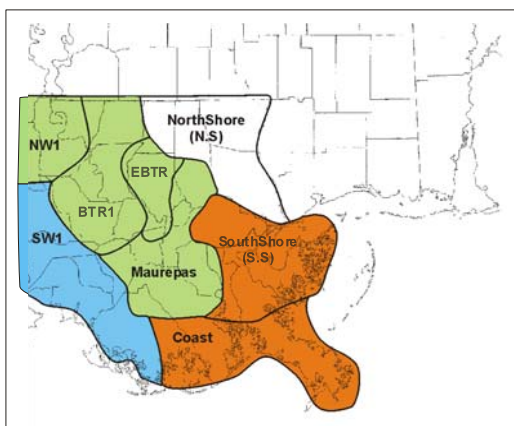
Aug-Oct



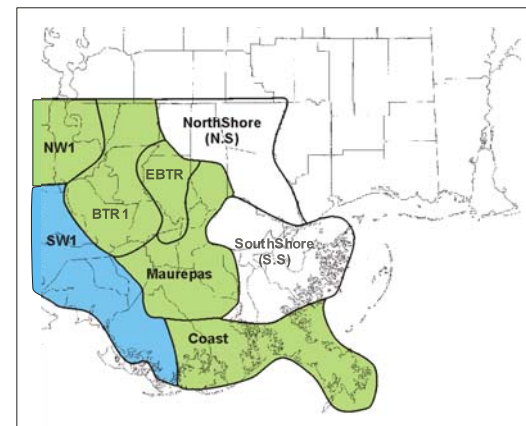
Sep-Nov



Oct-Dec



Nov-Jan



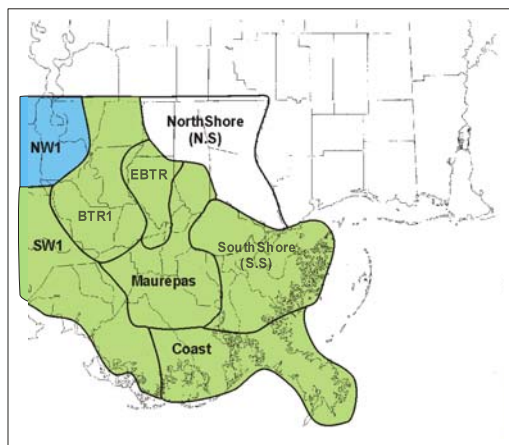
Dec-Feb

Figure 77a-NW1 3 mo Interval T-test results

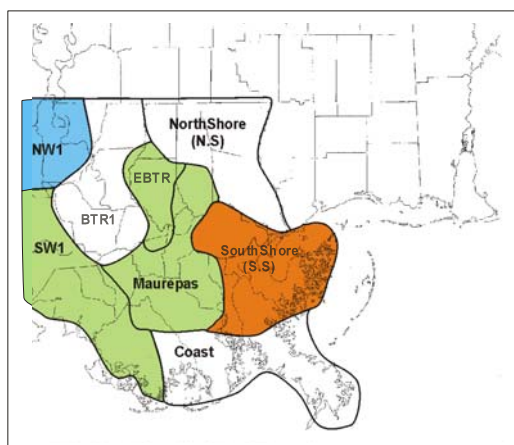
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean

Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean

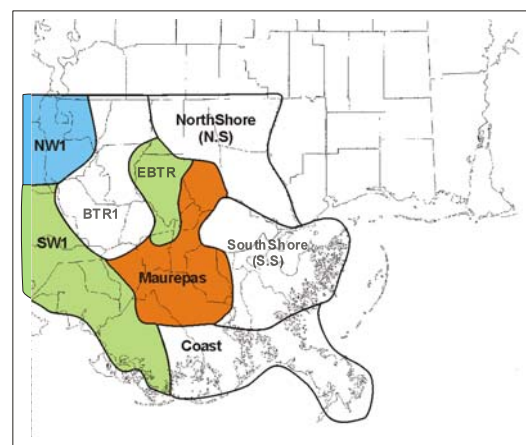
No Shading - T-test not performed due to groups having unequal variances from F-test results



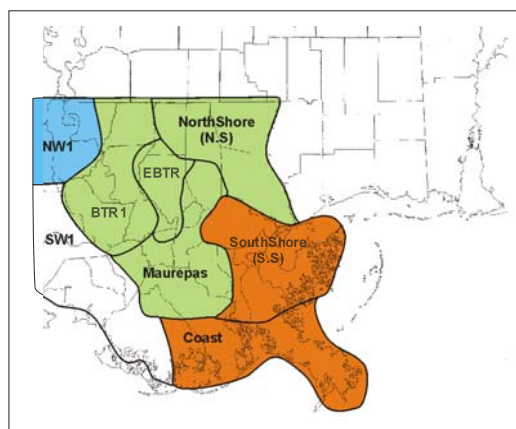
Jan-Mar



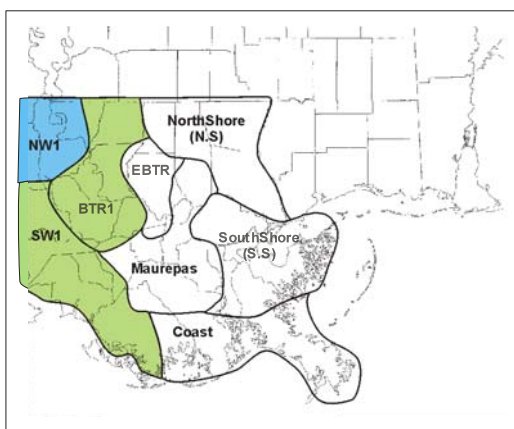
Feb-Apr



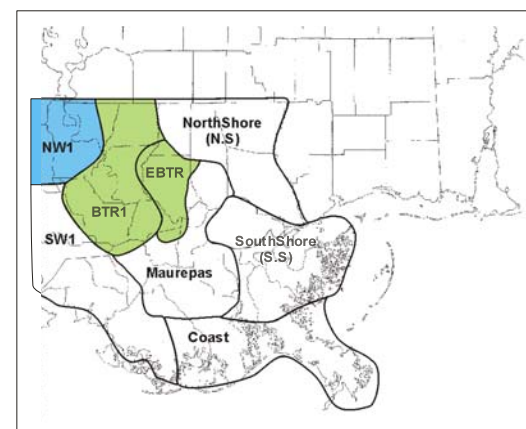
Mar-May



Apr-Jun



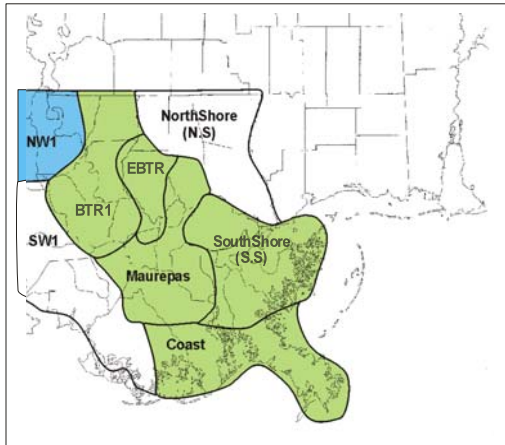
May-Jul



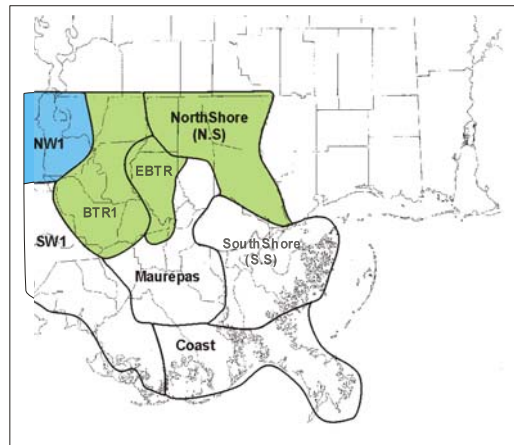
Jun-Aug

Figure 77b-NW1 3 mo Interval T-test results

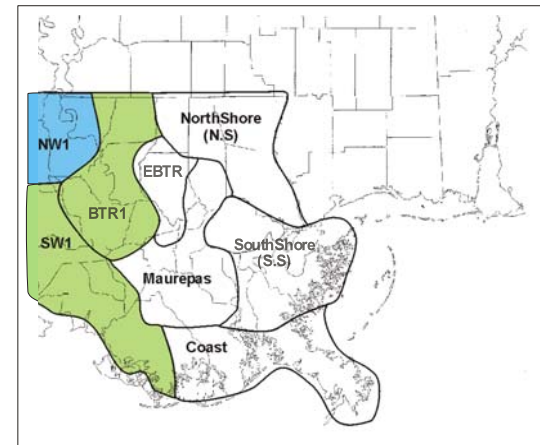
Orange Shading - T-test Performed with results indicating no statistically significant differences in 3 mo mean
 Green Shading - T-test Performed with results indicating statistically significant differences in 3 mo mean
 No Shading - T-test not performed due to groups having unequal variances from F-test results



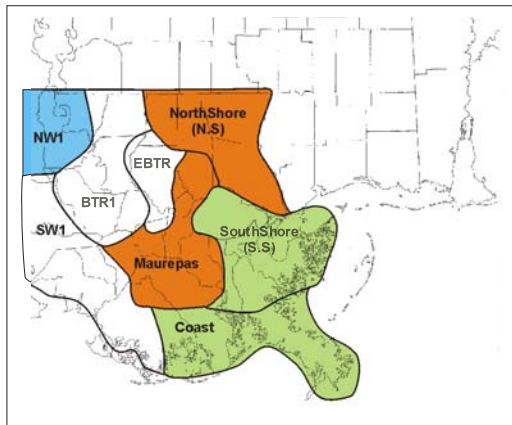
Jul-Sep



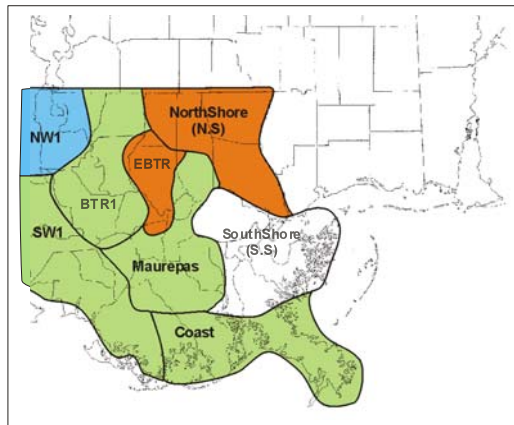
Aug-Oct



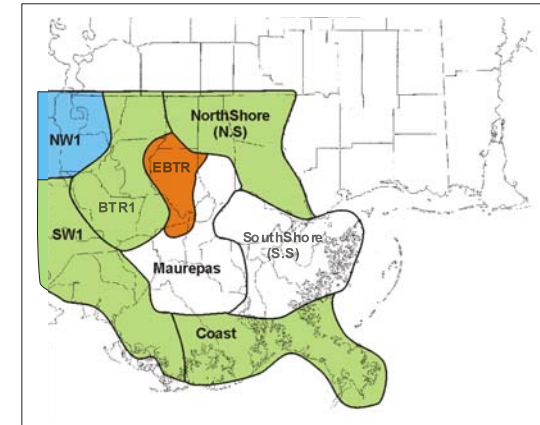
Sep-Nov



Oct-Dec



Nov-Jan



Dec-Feb

Discussion of Results and Opportunities for Future Research Applications

Twelve Month Interval Rainfall Patterns and Precipitation Trends

To investigate the spatial extent of differences in monthly average precipitation for a period from January to December, the F-test was conducted on combinations of station groups in order to identify combinations suitable for the T-test. The F-test results indicated there was no statistical evidence at a five percent level of significance to prove that a difference exists in the variances of the Maurepas group when compared with the S.S., N.S., EBTR, SW1, and NW1 groups. The same premise held for the N.S. group when compared with the S.S. and SW1 groups. The NW1 group variance did not have a statistically significant difference when compared with the EBTR and BTR. When the S.S. group was compared with the SW1 group, a statistically significant difference did not exist. Due to these combinations having similar variances for a 12 month interval, the T-test was performed on each of these station combinations. The T-test indicated a statistically significant difference exists at a five percent level of significance in the monthly rainfall averaged over the 12 month interval from January to December for each of these station combinations except S.S when compared to SW1.

The results of the T-test are significant for stormwater drainage, highway, and airport design projects across southeast Louisiana. To illustrate these impacts, sites have been arbitrarily chosen from the station groups being examined. The results of the statistical tests show that a monthly rainfall value averaged over the period from January to December for Reserve (Maurepas group) is different than the monthly rainfall value averaged over the same 12 month interval at New Orleans (S.S. group), Slidell (N.S. group), Gonzales (EBTR), Lafayette (SW1), or Angola (NW1). If the average monthly rainfall value from Reserve was used as input to environmental models simulating runoff, groundwater recharge, or sediment transport for these other project locations the model would not generate an accurate forecast of water quantity or movement. It is the quantity of stormwater and streamflows which are key input parameters to civil engineering software programs. With the wrong data as input, software programs are not able to determine the correct pipe and pump sizes, detention pond criteria, and road elevations (American Iron and Steel Institute, 1995; Linsley, R., and Franzini, J., 1972). These design errors

can be catastrophic as poor design of civil works structures often cause tremendous losses in terms of lives and property due to flooding and dam failures (Maddox, R., Chappell, C., and Hoxit, R., 1979; Linsley, R., Kohler, M., and Paulhus, J., 1958)

Six Month Interval Rainfall Patterns and Precipitation Trends

For the six-month interval, an interesting finding is the statistically significant difference in average rainfall for almost all six-month intervals between NW1, BTR1, and EBTR. The distance along a transect from the Springville Fire Tower Station in the EBTR group to Melville in the NW1 group is approximately seventy miles with elevations ranging from 35 to 60 feet mean sea level. The dominant feature along this transect are the Mississippi and Atchafalaya Rivers with the secondary feature of the Baton Rouge Metropolitan Area. This statistical finding is significant for regional public works projects and hydrologic simulations in this area of the Mississippi River. To accurately model surface and groundwater flow along the river reach from Angola to Donaldsonville, there would need to be three different six-month mean rainfall values used for the particular time period to be studied. To differentiate the six-month mean rainfall on this small of a spatial scale requires a high resolution model employing a very fine grid mesh (Roberson, 1995). Models of these scales are computationally intensive and expensive to develop but regional issues such as salt water creep toward aquifers (USGS, 1996), Mississippi River projects and diversions, groundwater movement near landfill and superfund sites, and hydropower production schedules, illustrate the need for understanding these precipitation micro-climates on a semi-annual time frame.

The semi-annual time scale was chosen primarily to investigate if precipitation micro-climates exist during the tropical season and if they exist what are their rainfall patterns over a long-term record. The Hurricane, or tropical, season spans from June 1 to November 1. For the peak and late months of the Hurricane season, results from the T-test show there is not statistical evidence to suggest a difference in monthly rainfall averaged over a six-month interval within the Lake Pontchartrain Basin. A comparison of the calculated T-statistic to a theoretical T-value for the April-September and May-October intervals indicates insufficient proof that a statistically significant difference exists in the six-month rainfall patterns of the S.S-Maurepas, N.S-Maurepas, and Maurepas-EBTR station combinations. From a hydrological and meteorological forecast standpoint, there is statistical evidence to combine the S.S, Maurepas, EBTR, and N.S groups to form a larger group for precipitation forecasts for the April-September and May-

October intervals as their average monthly rainfall for April through October is historically similar.

The statistically significant differences in mean monthly rainfall averaged over six months between the S.S. group and other groups shows a transitory pattern. The statistically results show evidence for the existence of Hurricane season precipitation micro-climates when the S.S. is compared with the Coast and SW1 group. For the winter/spring month intervals bordering the beginning and end of Hurricane season, the S.S. group shows a statistically significant difference in average monthly rainfall for the intervals of November-April, December-May, and January-June, when compared with the Coast, BTR1, EBTR, and Maurepas groups. As the intervals extend across a longer portion of the Hurricane Season, the area of statistically significant differences shrink. For the interval of February-July and March-August, only the groups of EBTR and Maurepas show a statistically significant difference in average monthly rainfall when compared to the S.S. group. For the height of the Hurricane season, there is a statistically significant difference in average monthly rainfall between the SW1 and Coast group. For intervals which cover a time period late in the Hurricane Season, the S.S. group indicates a difference in average monthly rainfall when compared to the N.S. group for August-January, September-February, and October-March. The six-month average rainfall comparison between the S.S. and the SW1 and Coast groups is particularly important for coastal restoration projects especially those operating diversion structures which depend on freshwater streamflows. To assume the same rainfall quantities are available across the S.S., SW1, and Coast groups for every six-month interval can result in activities which can actually be detrimental to restoration projects when poor decisions are made in the operation of diversion structures, scheduling of vegetation and seeding operations, and placement of artificial reefs and coastal barriers (Willis, 2003;Visser,2002).

Three Month Interval Rainfall Patterns and Precipitation Trends

Three month intervals were investigated to understand the variability of rainfall for the first and second halves of the Hurricane season and also for the winter storm season along the central Gulf Coast. The EBTR group continues to show a marked discontinuity with its regional neighbors. The T-test indicated a statistically significant difference in monthly rainfall averaged over a three month interval with almost all groups outside of the Hurricane Season from June to November. The N.S. group also showed a permanent discontinuity with the Coast group. The T-

test for all three month intervals indicated the monthly rainfall averaged over a three month interval is always statistically different between the N.S. group and the Coast group.

Examining any three month interval which covers a portion of the Hurricane season, the June-August and the July-September intervals, coincident with the peak of the Hurricane season, show the greatest variability in average rainfall across the eight groups. It should be noted, there is a summer peak in thunderstorm activity (Van Cooten, 2002) in southeast Louisiana. Late afternoon thunderstorms often produce localized intense downpours. These cloudbursts can create a very complex MAP picture across a very small distance as three inches of rain may be reported at one city block and no rain will be recorded just across the street.

For the S.S. group, there is an interesting pattern when the mean monthly rainfall averaged over three months is compared to the Maurepas group which is on the western edge of the S.S. group. For the winter and spring intervals (January-March, February-April, March-May, October-December, November-January, and December-February) there is a statistically significant difference in the monthly rainfall averaged over the three month interval. This difference does not appear in intervals spanning tropical season months of June-September. These differences are significant in the context of Lake Pontchartrain and Lake Maurepas projects especially water budget calculations and drainage planning. Of greater significance is the statistical evidence that monthly rainfall averaged over the three month interval from February-April and March-May is different between the S.S and Maurepas groups. These intervals occur during the spring flood season for the Mississippi River (Stellman, K., et al, 1998). The Mississippi River runs through the southwestern half of the Maurepas group area and includes the Bonnet Carre Spillway structure as it winds into the S.S group area and through the New Orleans metropolitan area. These differences in monthly average rainfall have to be considered when running extended streamflow scenarios to forecast the need for flood operations, contingency plans for overbank flooding due to planned levee breaches upstream of New Orleans in the Maurepas group area, and scheduled releases through Bonnet Carre where the rainfall patterns of the Maurepas and N.S. groups must be considered for antecedent conditions.

Items for Consideration

In creating any inferences from the statistical results of this research, there are particular aspects of the data which must be addressed. The rainfall data used in this study is the rainfall observed and recorded over a 24 hour observation period. It can not be used to infer hourly intensity as rainfall does not occur at a uniform rate for its entire duration (Parsons, 1941; United

States Department of Commerce, 1955). The outlines of the station groups are subjective and are biased toward forecast zone groupings prepared by the author as a forecaster at the NWS New Orleans-Baton Rouge Forecast Office. A plot of station locations is provided for independent mapping of group outlines however it is not recommended to redefine the station groups since these were specifically defined to avoid grouping stations together which failed the F-test or Student T-test. This is the reason for the small number of stations which comprise the Coast group and EBTR.

For the study, a 5 percent level of significance was selected for all statistical tests. In the initial Shapiro-Wilk Test, there were five stations which did not have a normal distribution for their 12 monthly means at a five percent level of significance. In future research, a Shapiro-Wilk Test should be conducted at different levels of significance to see if relaxing the statistical constraints would indicate a normal distribution of the monthly means for these five stations. Then the F-test and the T-test could be conducted to see if the stations along the coast could form their own group or be combined with an existing group such as SW1 or Coast.

Future Research and Applications

The foundation of this study is the compilation of an accurate digitized long-term rainfall database. This database is different from those available from NCDC and other archive departments due to the accessibility and quality of the data, the number of stations collected, and their extended length of record obtained by digitizing historical climate publications. The research applications for this information cross over many scientific disciplines and research communities developing the next-generation of environmental models, climate assessments, and numerical simulations of surface and sub-surface fluid flow.

The focus of research in the tropical meteorology community is creating an interdisciplinary approach to understanding and communicating the impacts of storms on coastal communities (Davidson, 2004). One of the major research efforts is to accurately model storm surge and hurricane rainfall to create flood inundation maps and improve hydrologic forecasts. NOAA's Hurricane Research Division is developing a Climate and Persistence (CLIPER) model based on historical rainfall to understand the patterns of rainfall produced by tropical systems as they move onshore (Personal Communication with Dr. Frank Marks, 2004). The long-term rainfall record developed for this statistical study will be used to provide the historical rainfall data needed for this model for the central Gulf Coast and to update historical studies of maximum rainfall occurring with tropical storms.

Improved numerical simulations of surface and sub-surface fluid flow will allow the NWS and other federal agencies to improve their flood forecasts and warnings. Rainfall climatologies have been completed for a number of Hydrologic Service Areas (HSA) across the United States to provide localized detailed information on precipitation patterns and possible trends. The long-term rainfall data is critical for the development of new hydrologic models which are on smaller temporal and spatial scales. There is a critical need to calibrate these new models using the historical data contained in this study's database to facilitate their transition from research to daily operations. Additional value is provided to the warning programs of the NWS by understanding the historical extremes of rainfall. The data these climatologies provide is input for evacuation plans based on previous actions taken in past floods and also provide a basis to categorize an extreme rainfall event in the context of the historical record for disaster relief applications.

To accurately predict precipitation trends as they correlate to global and regional climate signals has a tremendous economic value (Dutton, 2003). The most publicized and well-funded climate research feature is the El Nino-Southern Oscillation (IPCC, 2001). The impacts of an El Nino/La Nina cycle are dramatic but can be amplified or tempered by regional scale circulations like the Madden-Julian Oscillation or the Saharan High which affects the production of Cape Verde systems in the summer. These regional forcing mechanisms need to be investigated to see if they have any impacts on the trends and magnitude of long-term precipitation cycles observed across south Mississippi and southeast Louisiana. Preliminary research by the author indicates there may be a correlation to abnormally warm summers in the central Plains. Climate records for major cities in Texas, Oklahoma, and Kansas are being examined to identify years where there are 10 or more days of 100 plus temperatures recorded and the average monthly highs for June-August were above normal. Preliminary research indicates there may be a correlation to these abnormally hot summers to above normal rainfall occurring in south Mississippi and southeast Louisiana the following Spring. Additional research is being conducted to identify any impacts of the Central Plains dustbowl years on rainfall and coastal storms along the central Gulf Coast as dust from the Sahara Desert is now being examined as a possible damper for tropical system development (Dunion, J. and Velden, C.,2004).

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Amite	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1888	MMM	MMM	MMM	0.97	5.98	4.85	5.86	16.16	2.93	3.91	1.55	4.52	
1889	7.05	2.14	5.79	3.62	0.44	8.16	5.85	5.88	1.95	0.32	2.72	1.20	45.12
1890	1.43	4.69	6.16	9.11	4.62	4.52	6.73	5.78	6.17	3.57	2.67	6.08	61.53
1891	9.68	10.40	4.34	2.43	3.21	5.00	8.51	5.16	3.58	0.00	5.30	4.90	62.51
1892	7.95	1.27	MMM	7.31	0.95	3.05	8.86	5.80	0.02	0.04	2.20	2.40	
1893	4.15	3.48	4.28	2.89	6.74	10.56	9.49	7.76	7.66	1.14	6.28	3.58	68.01
1894	4.56	7.65	7.69	3.48	1.08	8.74	7.11	6.90	4.96	0.13	1.33	2.23	55.86
1895	6.42	5.23	8.38	3.58	8.39	5.89	7.94	4.45	1.49	2.67	1.64	7.14	63.22
1896	2.59	4.40	8.01	2.86	2.43	8.20	5.46	3.08	4.42	4.30	6.89	1.50	54.14
1897	5.19	7.13	4.26	6.07	4.44	2.91	8.09	10.62	1.10	0.95	5.90	6.49	63.15
1898	6.94	8.89	2.23	3.43	1.48	6.52	7.64	9.92	8.82	4.79	10.89	4.11	75.66
1899	7.44	4.85	2.48	2.00	0.05	6.42	3.55	7.56	3.19	0.31	1.80	3.79	43.44
1900	6.58	12.60	5.33	17.42	4.68	8.00	4.87	5.20	1.62	3.80	2.23	6.17	78.5
1901	6.40	5.74	4.23	9.19	0.58	3.01	15.83	4.57	4.09	3.99	3.00	8.50	69.13
1902	2.45	5.17	4.06	3.73	1.45	2.46	2.83	1.45	5.38	2.78	2.58	7.10	41.44
1903	9.76	8.89	16.34	0.36	3.14	2.98	8.46	6.66	2.04	0.60	0.35	4.85	64.43
1904	3.80	5.70	3.84	1.80	2.79	3.89	6.64	5.44	4.76	0.50	1.80	5.27	46.23
1905	6.20	12.30	8.75	9.91	9.68	4.10	9.03	7.77	6.60	8.60	4.60	5.30	92.84
1906	4.26	3.65	9.79	4.17	0.60	2.95	10.66	2.33	9.46	3.44	2.34	4.20	57.85
1907	1.88	7.10	1.19	6.77	17.06	4.72	6.70	9.87	6.80	3.66	5.25	5.48	76.48
1908	5.74	9.89	2.82	3.64	16.55	5.69	14.75	7.52	8.55	0.84	1.62	3.41	81.02
1909	3.27	6.90	7.30	10.99	10.00	5.31	7.56	5.68	4.35	3.00	1.38	9.09	74.83
1910	3.97	4.10	0.10	3.70	7.32	11.14	8.87	6.82	4.93	3.75	2.58	4.97	62.25
1911	5.45	0.12	2.75	3.95	4.77	9.27	10.34	9.94	5.48	3.00	4.05	10.95	70.07
1912	5.70	5.00	10.25	15.47	10.15	11.92	12.21	7.65	4.22	3.50	2.75	15.44	104.26
1913	9.50	6.30	7.00	6.32	4.50	1.20	14.40	6.35	14.62	2.80	3.20	2.82	79.01
1914	1.20	5.55	6.95	5.70	1.28	4.99	7.91	5.41	6.35	0.65	4.25	5.20	55.44
1915	5.30	7.00	2.35	0.80	6.15	2.30	4.50	5.30	5.00	5.00	2.37	2.50	48.57
1916	6.90	3.87	2.65	4.90	8.90	5.70	11.40	5.35	2.25	3.40	1.02	6.90	63.24
1917	8.60	5.55	5.55	4.10	1.10	3.20	5.47	6.15	3.73	1.05	1.70	3.31	49.51
1918	5.35	2.42	2.60	6.90	1.30	6.50	5.95	10.42	3.50	9.65	5.74	5.32	65.65
1919	5.20	8.74	4.87	5.85	10.45	6.60	6.00	5.35	3.15	5.80	5.50	4.40	71.91
1920	6.60	3.40	2.50	5.80	3.25	4.75	5.05	6.55	4.15	2.60	1.75	8.40	54.8
1921	2.90	3.20	10.50	6.10	3.50	4.30	12.85	4.25	5.55	2.50	2.50	4.40	62.55
1922	8.05	5.60	10.37	4.90	7.55	8.87	8.47	6.35	2.65	5.55	3.62	9.72	81.7
1923	4.33	5.55	6.40	6.84	12.44	9.65	13.56	4.65	3.81	1.77	6.16	11.42	86.58
1924	6.85	5.10	6.41	2.68	5.49	4.65	3.63	2.63	1.80	0.04	0.07	8.03	47.38
1925	9.99	4.33	2.45	1.30	1.74	4.70	6.18	5.11	3.79	8.88	2.69	2.62	53.78
1926	10.13	3.82	10.45	6.06	11.05	4.63	3.45	11.65	4.20	6.32	3.48	4.86	80.1
1927	2.46	6.07	4.34	2.65	8.78	9.34	4.34	7.54	2.46	3.96	3.73	6.01	61.68
1928	0.91	4.44	6.24	7.73	6.38	10.39	8.67	5.39	4.41	1.23	1.84	5.54	63.17
1929	5.47	7.64	6.58	4.63	6.50	4.89	11.71	4.88	3.02	4.45	16.04	5.03	80.84
1930	6.77	3.71	4.60	1.41	3.08	0.00	6.37	3.93	10.27	6.06	6.93	4.15	57.28
1931	5.63	4.00	4.15	2.92	5.77	3.32	7.59	5.70	1.67	2.34	3.32	6.96	53.37
1932	10.34	3.11	3.83	4.70	6.64	2.19	5.42	4.79	3.92	6.05	4.37	8.34	63.7
1933	2.98	5.58	6.99	9.69	3.68	4.01	6.11	2.48	2.80	2.32	3.23	3.40	53.27
1934	10.22	5.25	6.25	5.12	5.78	6.16	5.43	8.31	5.37	2.06	6.09	2.45	68.49
1935	4.55	5.44	6.45	5.41	2.03	5.64	3.16	9.14	0.89	0.25	3.17	5.48	51.61
1936	8.05	5.12	1.34	5.59	6.00	0.47	8.35	5.07	2.02	0.40	2.78	5.67	50.86
1937	8.89	2.04	4.69	3.45	4.55	6.44	3.22	5.84	1.96	9.29	1.79	3.68	55.84
1938	4.71	4.36	6.06	6.35	1.18	5.68	8.23	3.97	1.93	2.98	2.68	3.68	51.81
1939	3.93	5.47	2.76	3.71	8.79	3.53	5.44	3.00	3.82	1.70	1.53	2.48	46.16
1940	2.56	7.01	5.17	MM	0.87	11.23	8.94	4.28	4.06	0.31	6.69	9.58	60.7
1941	3.25	2.22	5.97	4.89	4.90	3.78	9.26	6.48	4.91	3.72	2.47	4.76	56.61
1942	3.79	4.86	4.61	1.74	4.39	5.82	5.79	13.13	5.95	3.77	0.64	8.51	63
1943	2.29	3.08	13.38	2.45	5.23	4.69	4.12	5.84	12.86	0.71	4.92	5.66	65.23
1944	7.47	3.34	6.12	3.77	6.88	5.63	4.38	8.10	6.05	MM	MM	MM	
1945	MM	MM	MM	MM	MM	MM	MM	3.72	3.80	MM	MM	MM	
1946	MM	MM	6.36	0.63	8.35	8.96	8.24	4.76	3.43	1.14	4.89	3.22	

1947	7.29	0.88	11.24	9.18	5.48	5.68	1.62	MM	7.25	5.84	8.37	12.03	
1948	5.92	3.78	10.66	2.99	2.72	1.60	5.55	5.55	11.42	1.45	15.01	7.17	73.82
1949	3.20	4.69	9.81	6.26	5.10	7.58	14.16	6.12	4.67	3.90	0.00	3.88	69.37
1950	6.99	5.30	8.53	4.57	2.73	10.89	6.87	5.78	3.17	2.10	2.07	6.81	65.81
1951	6.36	4.97	9.35	2.79	0.44	3.15	10.93	2.67	4.99	0.17	2.95	4.06	52.83
1952	2.03	6.48	3.26	MMM	5.93	0.78	7.97	3.37	5.29	0.00	5.30	6.95	
1953	6.64	8.97	6.19	7.12	12.56	14.04	10.44	6.96	0.12	0.76	11.31	14.25	99.36
1954	3.15	2.78	2.67	4.34	3.84	2.77	10.64	1.75	7.25	6.86	2.71	4.49	53.25
1955	4.46	4.91	0.19	7.14	4.51	1.83	10.59	9.57	1.53	0.73	5.47	2.93	53.86
1956	2.63	8.83	6.64	3.06	3.11	6.53	3.68	4.02	4.30	1.81	1.64	6.36	52.61
1957	2.11	3.82	4.01	8.61	2.46	7.35	2.54	4.63	13.43	2.31	9.90	3.90	65.07
1958	4.38	6.49	8.49	7.95	8.00	3.15	8.98	3.27	5.99	1.17	1.47	2.13	61.47
1959	5.07	8.32	2.42	3.38	6.06	12.50	10.41	4.99	3.96	6.39	1.83	3.36	68.69
1960	4.20	4.97	2.78	5.13	1.71	3.68	6.88	12.40	1.94	2.01	1.48	5.59	52.77
1961	6.70	20.99	12.73	3.94	4.90	5.21	11.06	4.73	6.14	0.82	12.04	12.53	101.79
1962	8.79	0.43	3.15	10.49	3.15	7.16	3.02	4.84	2.87	5.06	1.15	3.92	54.03
1963	4.52	4.55	1.74	0.85	2.48	5.94	5.73	3.28	3.08	0.08	5.40	5.26	42.91
1964	6.06	5.78	6.98	8.90	4.57	2.86	5.15	3.88	3.55	4.29	6.18	4.20	62.4
1965	4.10	7.97	4.05	0.68	3.69	2.66	9.85	5.98	6.32	0.36	1.91	4.86	52.43
1966	9.77	18.79	3.85	5.37	5.31	1.91	3.81	4.93	3.50	3.56	1.87	3.65	66.32
1967	3.74	5.37	2.15	13.32	6.59	3.45	9.38	7.18	3.02	2.21	0.37	7.18	63.96
1968	3.69	3.62	5.42	3.96	3.18	3.60	6.17	4.72	3.76	2.77	5.65	10.52	57.06
1969	0.62	4.68	6.01	10.31	5.88	1.25	7.82	3.86	2.31	4.32	1.73	4.88	53.67
1970	3.35	2.64	6.73	3.22	3.52	3.89	7.26	3.14	3.42	7.92	1.81	6.25	53.15
1971	3.37	6.06	4.41	1.51	4.59	5.61	4.93	4.47	17.00	0.93	2.58	14.00	69.46
1972	7.77	4.16	MMM	2.55	12.94	3.44	8.49	2.92	5.85	2.27	4.53	9.35	
1973	6.74	3.55	10.38	14.21	5.42	5.20	4.15	1.20	12.65	4.71	10.91	8.07	87.19
1974	8.68	5.21	7.47	6.26	12.56	1.08	6.04	3.96	2.70	1.19	5.01	4.12	64.28
1975	11.85	2.50	5.75	8.75	7.99	11.19	8.17	6.21	3.39	2.92	1.57	2.91	73.2
1976	3.05	3.31	MMM	0.97	4.47	3.15	4.08	6.28	4.73	3.86	5.17	5.88	
1977	6.89	2.45	6.43	13.33	1.71	1.60	10.00	7.97	12.45	5.51	10.41	3.43	82.18
1978	7.47	2.85	3.61	4.43	7.81	4.79	4.06	6.33	1.94	0.00	6.07	2.97	52.33
1979	8.89	9.83	4.53	11.90	5.56	2.27	14.43	1.83	4.03	0.66	4.78	4.17	72.88
1980	6.03	1.74	16.06	12.73	9.43	3.21	3.29	4.48	3.75	4.64	4.23	2.28	71.87
1981	0.75	7.65	3.28	1.00	6.73	6.03	5.54	6.64	3.59	2.50	0.48	8.11	52.3
1982	5.91	4.65	3.45	4.40	0.80	6.05	6.97	10.27	2.68	2.14	4.15	12.58	64.05
1983	5.91	9.01	6.15	18.95	6.02	6.86	3.73	9.43	7.62	1.73	3.54	7.81	86.76
1984	2.88	7.11	1.66	2.75	4.03	5.30	4.90	8.14	1.76	6.86	2.77	3.14	51.3
1985	5.53	5.92	4.64	2.80	2.02	3.70	2.28	9.55	4.15	12.12	0.55	5.11	58.37
1986	2.96	2.71	3.03	2.67	5.16	1.65	8.07	2.21	5.57	4.85	12.00	6.69	57.57
1987	7.46	11.26	7.03	1.88	4.52	7.59	7.18	6.66	3.65	0.80	3.71	3.00	64.74
1988	3.83	12.42	8.35	6.52	1.67	2.35	9.54	MMM	8.31	6.11	3.55	7.10	
1989	2.96	2.10	6.71	1.72	5.69	9.05	5.24	7.15	7.32	0.78	8.93	7.67	65.32
1990	10.42	10.66	7.89	4.40	5.02	7.57	2.82	1.20	2.09	3.79	4.31	5.98	66.15
1991	8.68	6.44	5.10	9.02	11.13	3.05	4.43	2.71	3.46	5.33	2.36	2.52	64.23
1992	10.59	8.31	8.65	2.91	6.13	8.26	3.33	14.50	1.47	1.99	8.72	5.87	80.73
1993	12.35	3.00	7.29	8.13	6.25	4.77	7.07	3.06	1.78	6.46	4.24	3.93	68.33
1994	5.86	4.25	4.84	6.40	4.26	7.18	6.37	3.51	6.32	7.48	1.94	3.42	61.83
1995	7.99	4.05	11.90	10.18	12.57	1.31	5.93	6.07	0.52	4.89	5.84	5.55	76.8
1996	10.01	4.06	7.95	4.80	1.86	7.65	4.54	4.32	4.05	15.23	2.18	3.62	70.27
1997	MMM	9.48	MMM	10.59	4.38	9.66	5.18	2.29	0.56	2.87	5.68	2.30	
1998	15.49	5.41	6.96	5.00	0.57	1.91	9.14	2.71	4.50	2.42	3.82	2.33	60.26
1999	2.45	1.06	7.29	0.57	5.46	3.47	3.25	2.98	2.91	3.43	0.80	4.37	38.04
2000	2.85	1.49	3.54	2.82	1.75	5.67	5.52	4.17	6.15	0.75	8.78	3.66	47.15
2001	5.20	3.05	11.50	0.29	0.73	16.87	8.04	9.84	5.47	4.66	4.33	3.43	73.41
2002	4.49	3.46	5.28	4.78	4.24	5.22	9.23	5.66	9.53	7.47	4.58	8.74	72.68
# of Months	111	112	109	112	114	114	114	113	115	113	113	113	104
Total Inches	635.11	619.68	647.49	606.72	588.45	616.64	813.88	658.18	539.95	370.58	465	634.44	6646.12
Avg	5.72	5.53	5.94	5.42	5.16	5.41	7.14	5.82	4.70	3.28	4.12	5.61	63.90

Abita FT	LA-0021												
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual Sum
1973				11.32	3.55	0.58	4.97	4.38	9.28	3.41	4.74	5.6	
1974	6.55	8.57	8.37	10.16	12.22	1.59	11.28	3.35	6.01	1.57	7.7	3.59	80.96
1975	4.89	1.93	6.2	5.64	10.11	8.01	11.1	7.77	7.98	4.47	3.28	3.79	75.17
1976	1.88	6.67	6.15	0.58	4.96	2.28	6.63	4.06	1.48	6.75	5.18	5.28	51.9
1977	6.27	3.26	4.71	5.94	3.43	1.11	10.82	14.45	8.28	5.75	7.11	4.31	75.44
1978	8.77	3.07	3.92	3.49	14.16	6.65	6.81	6.62	1.5	0	5.01	3.45	63.45
1979	6	10.94	4.36	7.59	3.98	1.18	9.58	3.66	6.58	1.52	4.45	3.04	62.88
1980	5.15	1.94	15.93	13.08	10.29	4.85	4.74	3.97	5.59	3.41	4.73	1.19	74.87
1981	1.36	10.5	4.32	0.77	6.18	2.9	4.09	7.34	1.14	1.13	0.86	6.06	46.65
1982	2.9	6.96	3.64	5.28	0.85	4.76	3.91	12.4	3.52	2.37	4.47	10.02	61.08
1983	5.2	9.71	6.11	10.19	2.69	8.79	3.35	10.83	6.66	0.95	3.8	8.78	77.06
1984	3.95	6.5	4.3	1.39	3.62	4.51	4.45	6.87	2.38	5.3	2.23	3.94	49.44
1985	7.4	5.16	4.53	1.88	1.5	3.69	6.24	5.89	6.39	9.41	1.86	3.86	57.81
1986	2.68	3.14	2.62	2.11	3.6	4.64	3.2	5.04	3.59	3.34	9.38	4.27	47.61
1987	8.16	8.63	5.26	2.35	4.33	7.92	8.59	12.3	2.43	0.42	5.57	3.15	69.11
1988	3.15	12.85	6.19	7.1	2.86	3.38	6.44	11.74	15.09	2.64	1.52	4.96	77.92
1989	2.51	0.22	6.27	2.58	4.82	8.69	5.51	6.91	3.51	2.88	6.86	6.21	56.97
1990	6.32	7.84	7.76	2.37	5.67	6.23	2.74	2.99	2.09	3	3.75	3.87	54.63
1991	17.22	4.37	5.28	9.8	13.33	6.79	8.47	7.34	5.33	3.63	2.22	2.05	85.83
1992	12.21	8.86	6.15	5.98	2.59	14.24	6.08	13.16	4.5	0.68	11.08	5.64	91.17
1993	10.86	2.69	6.11	5.09	7.71	4.1	14.28	9.06	8	5.49	3.67	3.36	80.42
1994	4.52	1.21	4.5	4.55	2.22	5.16	7.08	4.35	5.14	8	4.15	2.74	53.62
1995	6.95	5.2	12.72	8.99	26.2	2.1	6.69	6.81	0.78	2.3	8.28	5.04	92.06
1996	3.96	1.72	6.65	9.23	3.65	6.19	3.22	7.13	5.25	2.3	1.59	6.87	57.76
1997	7.19	6.64	2.61	7.16	7.34	10.3	10.97	6.43	2.64	4.13	6.57	3.81	75.79
1998	19.99	4.36	13.34	5.23	0.08	1.7	8.88	6.41	11.18	0.78	4.21	2.08	78.24
1999	4.16	0.75	4.76	0.13	3.11	6.59	3.96	2.63	3.66	5.21	0.78	4.29	40.03
2000	3.24	0.75	2.69	2.21	0.39	3.17	4.99	4.03	5.61	1.49	11.15	3.38	43.1
2001	4.13	3.19	11.49	0.72	0.8	24.95	7.93	6.8	3.62	6.84	2.66	2.87	76
2002	3.79	1.96	9.47	2.6	1.86	8.62	5.58	5.49	13.75	13.26	9.22	4.92	80.52
# of Mo	29	29	29	30	30	30	30	30	30	30	30	30	29
Total	181.36	149.59	186.41	155.51	168.1	175.67	202.58	210.21	162.96	112.43	148.08	132.42	1937.49
AVG	6.25	5.16	6.43	5.18	5.60	5.86	6.75	7.01	5.43	3.75	4.94	4.41	66.81

Angola	0244												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1913									8.20	4.35	2.00	MMM	
1914	1.32	3.77	6.43	5.68	2.03	3.34	4.95	5.88	2.90	1.08	4.46	8.14	49.98
1915	10.90	9.70	2.45	2.90	8.95	1.95	5.22	7.05	2.30	3.00	1.80	4.60	60.82
1916	7.90	1.60	3.20	3.10	12.40	3.30	8.10	2.70	2.00	2.52	0.80	7.20	54.82
1917	8.25	8.50	3.30	5.30	0.06	1.20	2.80	2.12	2.32	1.35	1.50	2.20	38.9
1918	4.75	1.90	2.45	10.10	1.60	2.40	3.55	5.35	2.19	13.98	MMM	MMM	
1919	MMM	7.45	2.10	6.00	4.50	3.39	4.51	MMM	MMM	3.29	MMM	MMM	
1920	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	1.14	2.13	MMM	
1921	1.32	0.16	7.06	10.80	2.17	3.15	5.63	5.60	0.19	3.70	4.50	4.30	48.58
1922	MMM	5.49	8.25	MMM	MMM	MMM	MMM	MMM	0.10	1.14	2.26	5.68	
1923	1.15	3.24	7.90	9.69	9.05	5.21	5.58	7.12	4.60	1.05	5.77	8.27	68.63
1924	7.33	3.19	3.66	4.25	2.56	0.86	3.33	2.92	2.88	0.00	0.39	4.21	35.58
1925	9.11	2.83	2.30	1.98	1.60	2.88	5.89	1.66	2.95	11.09	2.44	2.24	46.97
1926	5.67	3.90	16.91	6.11	2.63	0.91	1.24	9.36	1.41	3.09	6.37	6.95	64.55
1927	1.04	7.72	5.09	3.54	3.70	5.38	2.70	6.17	1.52	3.00	4.47	9.14	53.47
1928	0.60	5.47	6.62	7.83	8.71	9.80	3.93	10.41	2.33	1.00	2.78	3.30	62.78
1929	7.05	8.98	7.08	4.54	5.43	2.49	5.07	4.40	4.76	2.82	14.80	3.02	70.44
1930	5.42	4.14	3.69	0.58	3.89	0.00	2.91	1.53	7.89	3.53	4.07	4.20	41.85
1931	6.43	3.20	4.43	1.46	10.86	4.24	6.18	4.54	3.38	3.27	7.26	10.56	65.81
1932	8.63	3.84	3.37	3.50	4.10	2.95	4.97	4.20	3.33	3.79	6.42	10.12	59.22
1933	4.17	5.51	5.49	8.32	5.02	1.77	8.53	2.48	1.03	0.29	0.91	4.19	47.71
1934	4.89	6.32	4.37	1.95	8.10	7.32	5.30	3.13	3.59	2.00	10.05	3.45	60.47
1935	4.10	4.59	15.86	4.14	17.80	7.94	5.54	2.02	2.57	0.30	3.41	5.97	74.24
1936	2.64	5.01	2.35	4.22	5.35	0.17	8.45	6.72	2.48	1.37	4.03	11.79	54.58
1937	11.25	3.53	3.22	4.58	5.36	3.43	1.47	5.08	1.33	5.57	1.98	3.07	49.87
1938	5.54	3.17	4.30	11.86	0.64	3.27	6.04	6.53	3.06	1.11	3.59	4.20	53.31
1939	3.89	5.25	8.95	4.79	6.21	3.33	3.76	5.45	1.95	3.48	0.98	5.14	53.18
1940	3.03	4.35	3.57	6.93	1.02	7.80	8.82	8.88	3.74	1.82	5.83	9.45	65.24
1941	3.99	1.76	3.53	6.50	7.00	5.57	8.43	3.83	2.85	3.25	0.50	6.70	53.91
1942	3.99	3.21	6.05	6.05	2.45	6.74	3.38	3.90	4.72	2.63	0.56	5.82	49.5
1943	2.94	6.07	11.24	3.00	0.66	0.98	2.38	2.15	9.96	1.47	3.29	6.34	50.48
1944	6.59	4.51	6.80	3.41	5.32	0.81	2.67	6.04	3.89	2.22	6.77	7.29	56.32
1945	3.35	4.71	3.72	4.99	6.09	6.62	8.09	2.93	1.10	5.75	2.27	8.10	57.72
1946	10.16	4.67	5.55	2.56	11.82	7.62	9.54	2.97	4.56	4.51	12.45	2.44	78.85
1947	12.11	1.18	8.45	3.87	6.16	5.33	0.80	1.09	4.84	0.61	8.77	4.92	58.13
1948	6.30	3.93	11.81	4.26	5.03	5.94	3.40	4.10	7.80	2.60	12.67	4.10	71.94
1949	5.32	5.55	8.13	10.12	3.91	4.85	7.24	3.58	1.41	4.66	0.30	3.15	58.22
1950	8.48	7.32	7.54	5.56	5.55	5.00	4.35	4.97	2.29	1.69	3.11	4.72	60.58
1951	10.40	3.76	6.26	1.03	0.65	5.35	5.47	0.30	2.29	0.29	MMM	7.10	
1952	1.99	6.25	3.07	8.06	8.47	1.51	7.81	1.05	0.00	0.10	6.51	6.90	51.72
1953	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	0.00	MMM	3.58	4.76	
1954	3.11	2.20	3.56	1.78	3.69	3.14	6.55	1.46	0.45	3.68	1.51	4.79	35.92
1955	5.60	11.84	0.81	9.73	6.38	3.96	10.03	2.40	1.66	1.65	4.57	8.71	67.34
1956	2.13	8.50	10.69	4.43	1.88	4.70	2.40	3.83	1.18	1.76	MMM	12.89	
1957	1.60	4.45	5.18	6.98		10.75	5.50	0.95	7.67	4.51	9.04	6.95	63.58
1958	5.39	5.53	4.04	6.59	3.11	6.52	2.92	9.34	9.47	1.43	2.20	1.99	58.53
1959	5.80	10.07	4.38	5.78	3.78	4.40	3.99	5.40	2.64	3.85	2.32	8.03	60.44
1960	3.84	3.23	2.89	0.87	1.42	1.76	2.52	12.72	1.56	4.50	2.14	6.59	44.04
1961	7.05	9.07	12.79	1.65	1.78	5.90	6.89	5.81	5.55	MMM	MMM	8.39	
1962	MMM	1.12	2.55	5.63	4.87	10.25	0.51	3.83	2.80	3.38	2.35	2.26	
1963	6.69	3.22	1.87	1.01	2.10	5.17	4.51	2.99	1.22	0.20	MMM	MMM	
1964	MMM	3.57	8.89	8.59	4.79	1.08	4.53	4.25	4.56	6.28	5.94	MMM	
# of Months	45	49	49	48	47	48	48	47	50	50	46	46	40
Total Rain	243.21	238.53	284.20	246.60	230.65	202.43	238.38	211.19	159.47	145.15	195.85	274.33	2258.22
Avg	5.40	4.87	5.80	5.14	4.91	4.22	4.97	4.49	3.19	2.90	4.26	5.96	56.46

Atchafalaya	367												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1931	9.73	3.54	3.69	1.30	5.83	1.49	6.41	3.40	1.97	4.30	4.77	6.05	52.48
1932	9.63	3.96	0.25	2.81	4.39	3.52	5.68	5.06	3.55	3.72	9.30	7.08	58.95
1933	3.75	5.59	5.28	6.15	3.54	2.17	6.62	3.59	0.90	2.30	1.95	4.25	46.09
1934	4.08	6.33	2.61	3.83	2.39	8.82	9.02	7.38	5.73	1.18	8.73	4.20	64.3
1935	2.92	8.81	5.27	1.99	8.43	6.11	2.56	3.50	4.79	4.06	3.21	6.11	57.76
1936	4.37	4.75	1.23	5.15	6.35	0.00	4.11	0.53	3.37	0.40	2.82	2.87	35.95
1937	13.72	0.59	4.89	1.76	2.08	2.63	3.65	2.15	6.57	4.08	1.81	2.28	46.21
1938	6.49	3.42	1.56	6.06	0.97	4.84	5.20	7.17	2.10	0.47	4.53	2.32	45.13
1939	4.35	4.20	1.74	2.01	5.46	2.28	6.52	6.27	3.39	0.90	1.71	3.71	42.54
1940	1.63	6.81	2.54	7.57	0.40	8.41	6.45	14.13	1.10	0.29	9.17	7.96	66.46
1941	4.56	1.93	3.37	3.55	8.52	6.93	8.54	2.43	6.35	4.00	3.04	2.37	55.59
1942	9.49	5.70	3.61	9.36	2.15	12.19	8.97	2.55	7.70	3.00	0.00	3.61	68.33
1943	3.77	1.24	7.97	2.65	3.75	2.60	2.65	3.60	13.95	1.20	4.60	7.30	55.28
1944	7.20	2.10	3.75	3.80	5.35	1.90	2.60	6.95	4.13	1.38	8.15	5.65	52.96
1945	6.00	6.25	1.75	5.00	5.50	5.25	5.55	7.68	3.15	4.50	2.20	4.15	56.98
1946	10.50	4.80	6.10	4.00	11.19	9.77	19.24	2.39	2.85	2.94	6.66	2.55	82.99
1947	5.00	1.40	15.20	5.20	7.00	4.10	3.10	3.80	2.75	0.00	9.00	4.70	61.25
1948	4.20	5.30	2.50	1.80	1.99	1.60	1.80						
1949		5.20	10.09	3.22			7.06	6.09	1.14	6.14	2.00	2.11	
1950		5.20	7.70	5.70		7.70	5.40	1.75		0.00			
1951	5.60	4.00	3.15	1.40	0.00	7.53	6.55		8.75	0.50	2.20	3.95	
1952	0.85	8.15	4.00	10.59	5.61	1.09	10.35	8.60	0.82	0.00	5.08	9.91	65.05
1953	4.99	8.24	3.95	8.29	15.28	0.78	11.17	11.95	0.00	0.87	4.56	10.00	80.08
1954	3.94	2.17	0.14	4.53	5.23	0.48	3.55	2.28		2.08	1.20	2.93	
1955	1.83	6.43	0.00	10.77	9.87	3.48	7.44	3.98	2.02	1.72	3.24		
1956	0.65	3.17	2.12	1.66	4.07	7.44	2.33	3.89	0.42		5.52		
1957	2.63	3.18	5.13	7.30	6.12	7.44	0.96	1.61	9.84	3.20	5.71	5.38	58.5
1958	3.42	3.71	4.99	1.37	3.19	4.77	4.98	2.22		1.41	0.87	2.00	
1959	3.11	8.17	1.55	1.03						4.88	1.29	4.33	
1960	4.21	3.85	1.74	3.70	3.11	0.68	3.80	10.67	1.11	2.35	1.32	4.08	40.62
1961	4.74	10.63	4.84	3.49	6.83	7.74	9.66	4.91	10.13	1.01	6.72	7.40	78.1
1962	6.28	0.63	1.73	6.65	1.45	6.30	2.58	3.52	3.20	5.49	1.94	3.30	43.07
1963	5.82	3.70	1.20	0.33	5.12	6.28	5.39	2.98	2.93	0.00	4.69	4.36	42.8
1964	6.53	3.94	8.26	2.78	1.63	4.59	9.21	5.00	3.43	11.94	4.55	3.08	64.94
1965	2.31	4.80	6.31	0.95	2.50	3.06	5.09	2.79	5.38	0.49	1.48	4.96	40.12
1966	9.83	12.21	1.64	7.33	5.36	1.12	8.77	5.62	2.82	4.75	2.94	1.98	64.37
1967	3.40	4.87	2.56	2.89	7.05	4.73	5.86	8.29	3.56	3.27	0.21	5.88	52.57
1968	4.65	2.85	3.04	1.86	1.52	7.15	3.66	7.46	3.57	0.85	6.10	7.53	50.24
1969	1.22	5.55	7.58	9.80	4.61	0.51	7.02						
# of Months	37	39	39	39	36	37	38	35	33	36	36	34	29
Total Rain	187.4	187.37	155.03	169.63	173.84	167.48	229.5	176.19	133.47	89.67	143.27	160.34	1629.71
Avg	5.06	4.80	3.98	4.35	4.83	4.53	6.04	5.03	4.04	2.49	3.98	4.72	56.20

Baton Rouge Airport	549												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1843	2.06	2.39	6.54	3.08	2.78	7.62	8.20	2.57	9.16	2.58	4.28	9.81	61.07
1844	5.40		3.10	0.50	3.30	3.50	3.70	5.60	1.10	3.60	7.06	2.20	
1845	4.90	1.80	5.90	4.80	3.10	4.40	6.40	2.30	3.60	3.10	5.00	5.30	50.60
1846													
1847	11.60					2.30	3.30	4.20					
1848						8.60	11.80	12.10	0.50	1.38	6.80	7.60	
1849	3.20	6.20	1.30	2.50			10.92	5.38	2.24	6.00	5.03	2.50	
1850	16.02	7.45	3.13	9.40	4.19	9.01	4.28	3.75	3.58	1.03		9.28	
1851	0.97	5.27	1.54	2.26	1.42	2.06	2.68	7.96	0.59	2.32	8.91	5.36	41.34
1852	1.56	6.73	2.19	8.29	6.08	1.33	5.64	2.26	3.30	2.81	9.32	3.95	53.46
1853	4.48	4.19	4.67	0.57	4.55	2.05	11.18	4.93		1.35		5.00	
1854	2.85	5.50	6.15	3.58	8.05	4.00	6.55	7.41	9.88	4.38	0.45	1.82	60.62
1855	0.75	2.05	1.07	0.40	0.60	4.43	3.61	6.64	4.49	5.13	9.75	10.10	49.02
1856	6.75	3.70	3.53	3.10	5.48	2.55	7.20	14.05	2.04	4.43	9.13	5.78	67.74
1857	2.85	1.40	6.05	2.18	9.01	2.53	5.19	6.48	0.90	2.40	2.45	8.55	49.99
1858	7.97	2.06	3.15	1.67	6.60	6.57	5.66			4.30	3.85	11.73	
1859	5.18	4.35	5.10	4.40	1.94	4.41	3.95	6.03	2.35	0.95			
1860						2.60		2.55	4.30	8.20	9.30	5.86	
1873						5.76	7.42	5.02	5.92	1.40	6.65	3.06	
1874	3.88	4.93	6.87	14.18	0.23	6.31	9.35	4.23	5.38	0.02	6.84	5.91	68.13
1875	5.84	11.60	8.21	6.56	1.15	6.28	3.67	9.45	8.07	1.61	5.24	2.89	70.57
1876	2.90	9.10	13.20	2.00	6.17	2.55	4.34	2.37	0.81	0.40	2.93	7.29	54.06
1877	5.22	1.41	5.07	8.10	3.93	1.40	2.62	1.90	18.42	16.75	8.30	3.85	76.97
1878	5.70	3.75	1.06	2.30	9.10	7.05	3.83						
1879	9.00	3.63	1.98	3.91									
1888		4.91	3.61	1.39		4.23		12.30			1.91		
1889	6.24	2.07	3.60	3.66	0.06	5.07		8.04			2.80		
1890	1.67	3.66	3.34	9.86	6.39	3.67	6.09	5.10	3.00	6.09	0.68	2.52	52.07
1891	9.35	7.50	3.23	0.66	0.85	4.96	11.44	3.08	0.65	2.36	7.17	4.97	56.22
1892	6.93	1.33	6.18	9.85	2.76	8.63	7.92	7.39	1.55	0.68	4.84	5.18	63.24
1893	2.34	1.78	5.65	1.99	10.68	6.84	2.87	4.84	7.03	1.38	6.99	3.77	56.16
1894	3.61	8.73	7.68	3.92	1.50	2.09	8.75	5.56	4.50	0.83	2.48	2.57	52.22
1895	3.73	5.79	9.14	2.80	4.11	3.45	2.65	3.35	1.00	4.93	MMM	5.62	
1896	1.60	5.12	4.55	4.95	1.18	6.52	2.64	3.95	1.14	7.05	4.26	1.69	44.65
1897	4.83	5.06	5.78	7.27	4.57	4.85	5.38	10.70	1.91	5.86	4.08	7.06	67.35
1898	6.06	7.48	2.69	3.11	0.04	8.42	10.76	5.62	9.32	4.89	6.39	4.13	68.91
1899	7.10	2.78	3.04	2.24	1.61	9.55	2.19	2.84	1.13	1.77	1.87	3.83	39.95
1900	7.84	7.01	6.08	10.85	2.62	7.54	5.81	4.86	3.82	2.21	1.14	6.59	66.37
1901	4.59	5.84	3.92	6.31	1.97	6.55	6.38	3.81	2.87	1.82	2.28	9.03	55.37
1902	2.40	3.95	4.36	3.13	2.60	1.71	2.31	3.79	6.51	2.81	4.90	6.76	45.23
1903	8.22	7.54	10.79	0.60	2.53	4.19	6.15	3.91	2.73	3.40	1.35	2.95	54.36
1904	3.30	3.22	5.24	2.20	3.28	3.86	7.66	7.47	5.37	0.91	1.60	4.57	48.68
1905	6.94	12.38	11.12	5.27	7.04	5.25	6.07	4.17	4.75	4.06	4.22	4.10	75.37
1906	4.21	3.32	7.59	3.00	0.90	0.53	10.04	1.08	3.32	3.21	1.83	6.15	45.18
1907	2.11	1.97	0.73	7.10	23.73	1.50	4.95	5.17	3.24	7.60	3.98	4.55	66.63
1908	4.59	6.55	1.06	6.08	15.62	2.81	14.23	10.01	4.95	0.47	1.00	1.71	69.08
1909	3.17	4.51	5.39	5.49	3.90	4.37	5.85	9.00	6.16	1.40	4.00	7.73	60.97
1910	2.89	4.39	0.51	1.10	4.13	4.87	9.43	1.67	3.29	2.52	2.14	4.17	41.11
1911	2.54	0.72	2.62	9.24	3.06	5.71	18.92	7.01	2.60	2.48	3.61	6.90	65.41
1912	5.00	3.55	5.79	8.48	9.79	5.69	9.48	5.21	6.63	1.16	0.68	17.59	79.05
1913	5.57	3.88	6.62	4.13	5.91	3.66	6.01	4.30	8.84	5.93	2.21	3.51	60.57
1914	0.95	3.48	6.70	4.84	1.72	2.76	14.53	5.38	2.93	3.05	5.40	4.34	56.08
1915	9.41	MMM	4.11	0.19	5.27	6.17	7.39	6.30	3.25	5.56	1.67	3.06	
1916	6.21	2.72	1.90	2.55	8.54	2.05	7.16	4.46	5.39	3.59	0.33	4.67	49.57
1917	7.70	MMM	3.17	3.60	1.23	1.10	3.13	5.13	4.80	1.99	1.09	2.75	
1918	4.61	2.65	1.09	8.76	1.29	5.07	3.24	6.01	1.48	5.37	5.67	5.23	50.47
1919	8.02	9.78	4.20	5.35	6.94	5.59	7.26	2.56	2.49	6.89	5.40	3.71	68.19

1920	5.98	4.93	2.74	5.87	3.78	4.49	5.10	7.61	3.37	1.84	2.24	8.65	56.60
1921	3.86	1.88	4.21	4.96	3.99	6.11	7.15	2.37	4.64	3.47	1.97	4.40	49.01
1922	5.10	5.49	9.93	1.88	5.33	7.55	7.19	7.99	4.70	2.74	2.27	8.07	68.24
1923	3.45	5.28	6.99	3.82	6.25	7.45	4.34	4.42	3.13	3.29	5.02	9.89	63.33
1924	8.98	5.00	3.76	4.68	2.91	3.35	0.55	3.25	0.00	0.07	0.60	4.63	37.78
1925	10.55	3.51	2.72	2.04	3.20	5.21	7.36	1.91	3.39	7.26	3.19	3.83	54.17
1926	8.07	2.95	12.83	9.60	7.33	4.06	5.18	16.27	7.75	4.12	5.26	4.63	88.05
1927	2.22	5.88	7.21	1.13	5.73	4.74	7.78	6.89	4.63	3.16	4.38	8.90	62.65
1928	0.60	6.24	6.09	4.52	4.13	14.52	6.23	7.47	5.40	0.49	1.77	3.81	61.27
1929	5.51	7.33	5.40	1.76	9.30	5.90	3.75	6.21	9.65	6.19	20.24	5.31	86.55
1930	9.03	2.56	4.91	2.01	6.23	0.00	4.92	4.85	9.27	3.50	6.40	2.24	55.92
1931	7.25	3.70	4.32	2.27	5.41	1.84	6.42	8.23	2.00	4.79	3.77	5.93	55.93
1932	9.04	4.23	3.21	5.49	8.39	2.80	7.53	5.52	5.44	6.88	5.88	7.46	71.87
1933	3.00	6.48	5.06	7.92	4.41	3.83	6.39	5.72	3.05	0.64	4.71	5.78	56.99
1934	5.38	6.93	2.99	5.46	5.27	9.08	11.02	5.97	2.08	5.36	8.69	2.66	70.89
1935	5.04	4.69	5.10	5.93	4.34	4.57	9.09	5.38	3.02	0.50	1.71	8.25	57.62
1936	5.49	4.24	1.31	3.80	5.33	0.06	6.63	5.97	5.63	1.30	2.17	3.96	45.89
1937	9.91	2.24	3.78	2.97	3.54	3.96	4.09	6.70	4.12	5.34	1.40	3.31	51.36
1938	4.50	4.20	2.41	4.63	1.29	3.10	4.80	5.47	1.25	1.54	2.51	2.94	38.64
1939	3.80	3.97	2.70	3.16	9.19	4.68	4.49	7.60	2.38	1.36	2.00	3.01	48.34
1940	1.98	5.69	4.79	7.12	0.69	9.35	5.16	12.36	2.56	0.00	8.28	8.91	66.89
1941	3.83	2.04	5.29	2.99	4.78	4.08	7.88	2.79	3.29	3.27	1.71	4.21	46.16
1942	5.58	6.13	5.00	10.16	1.76	10.54	4.08	10.06	5.88	4.44	0.47	6.95	71.05
1943	2.74	2.96	12.30	2.38	3.24	3.18	5.01	2.35	12.53	1.55	4.43	7.38	60.05
1944	6.72	2.60	4.95	4.29	4.22	4.92	2.46	9.93	3.48	1.44	7.60	3.74	56.35
1945	7.56	6.87	4.18	6.37	3.52	4.84	5.22	6.30	5.43	4.21	2.70	4.73	61.93
1946	6.47	5.36	8.11	2.42	12.34	7.29	10.76	4.70	1.38	1.06	8.05	1.85	69.79
1947	4.00	1.72	14.63	6.28	3.96	5.23	0.94	2.21	4.85	3.37	10.08	5.84	63.11
1948	5.13	3.53	6.61	3.34	3.84	1.71	2.62	4.78	5.43	1.21	12.98	5.78	56.96
1949	2.56	3.88	8.73	6.02	2.56	1.83	11.57	4.19	2.66	5.48	0.08	2.75	52.31
1950	7.21	4.29	6.56	6.55	3.32	8.92	5.61	0.96	0.57	1.33	1.43	6.49	53.24
1951	5.50	1.11	6.00	2.23	1.07	2.32	7.44	1.42	4.58	0.38	2.77	4.87	39.69
1952	1.46	4.66	3.05	5.84	7.42	1.58	6.29	2.42	0.94	0.12	4.87	5.64	44.29
1953	2.99	6.72	5.17	6.63	10.70	2.71	5.45	6.04	0.09	0.43	5.82	13.23	65.98
1954	4.69	1.78	2.01	1.94	5.81	2.93	6.75	1.55	3.21	5.57	1.92	3.51	41.67
1955	4.64	5.52	0.54	8.35	4.20	3.53	6.19	3.63	3.57	2.20	4.81	3.31	50.49
1956	2.00	7.90	3.38	3.88	2.70	3.78	6.25	2.62	1.97	0.45	1.71	4.58	41.22
1957	1.88	4.17	5.96	6.08	2.67	4.56	7.30	3.60	6.48	3.29	6.22	3.14	55.35
1958	4.97	4.07	7.44	4.14	3.03	4.58	5.08	4.53	3.32	1.06	1.10	2.21	45.53
1959	4.72	8.51	2.23	3.26	8.91	4.14	10.11	5.38	3.21	3.89	1.31	5.87	61.54
1960	3.36	3.26	0.95	2.18	4.28	0.81	5.50	9.37	1.17	1.17	1.54	4.71	38.30
1961	5.20	11.33	5.64	4.65	3.80	3.67	10.94	2.54	9.67	0.86	7.43	8.19	73.92
1962	6.41	0.70	3.27	9.70	1.64	11.36	2.05	4.54	4.29	5.23	0.91	2.90	53.00
1963	3.64	3.87	0.61	0.81	0.63	4.11	10.98	3.66	1.90	0.20	6.32	5.18	41.91
1964	6.18	5.21	8.73	4.76	2.80	1.41	9.37	4.45	3.52	9.46	4.70	3.24	63.83
1965	2.61	5.93	4.50	1.47	3.90	1.83	4.50	7.03	5.20	0.92	2.40	4.71	45.00
1966	9.93	14.51	1.95	7.97	4.48	2.16	6.33	5.92	2.62	2.43	2.79	2.53	63.62
1967	2.75	4.82	1.90	12.64	7.73	2.76	9.32	4.11	3.48	2.17	0.25	5.95	57.88
1968	3.59	2.72	3.34	2.67	2.63	1.90	3.52	9.19	1.68	0.06	6.81	7.04	45.15
1969	1.34	5.44	5.42	10.25	2.92	0.76	9.85	3.74	2.99	6.04	0.52	3.79	53.06
1970	2.20	2.20	7.02	3.52	5.21	3.68	5.96	6.21	4.34	6.19	1.34	6.69	54.56
1971	1.15	4.39	5.22	0.75	3.71	2.32	9.59	5.13	10.94	2.65	3.17	10.04	59.06
1972	8.25	3.43	5.97	1.44	9.15	2.43	6.34	1.98	4.12	3.69	4.75	8.22	59.77
1973	4.01	3.64	12.73	10.10	5.60	2.99	4.34	4.92	13.08	1.89	7.44	8.29	79.03
1974	8.33	6.66	5.66	5.59	5.23	1.11	5.89	6.45	2.19	1.61	4.55	3.70	56.97
1975	7.77	1.42	4.49	10.18	5.49	5.11	9.30	11.69	3.54	2.58	2.16	2.37	66.10
1976	3.72	4.67	5.18	0.38	4.92	4.90	7.63	2.31	1.46	3.10	5.00	5.80	49.07
1977	6.50	3.89	4.85	7.10	3.97	1.46	6.35	13.31	13.95	3.05	10.35	2.92	77.70
1978	6.55	2.24	1.86	2.92	7.43	2.94	7.14	7.54	3.83	0.00	4.94	1.94	49.33
1979	6.25	10.83	4.26	11.48	5.37	0.12	8.76	4.94	3.55	2.47	5.06	2.82	65.91
1980	4.67	3.56	8.25	14.84	7.28	5.35	7.68	1.32	7.74	5.66	5.57	2.38	74.30
1981	1.20	7.07	1.74	3.09	4.47	4.70	4.25	4.46	3.95	1.42	1.51	5.35	43.21
1982	3.35	6.48	2.81	4.60	4.05	2.91	5.18	3.93	2.47	2.42	3.05	15.94	57.19

1983	6.25	4.63	5.39	12.75	6.17	12.25	3.39	8.39	4.47	1.55	4.33	8.06	77.63
1984	2.77	6.63	1.20	1.79	3.82	3.00	4.95	3.92	2.37	14.48	2.74	3.76	51.43
1985	4.56	5.95	4.15	1.61	2.72	4.13	8.85	6.92	6.31	10.08	0.42	4.68	60.38
1986	1.53	3.50	2.71	2.94	8.21	6.10	3.31	6.38	1.91	4.40	8.52	6.19	55.70
1987	7.04	7.97	6.02	1.40	4.23	4.48	6.42	14.48	0.78	1.54	3.78	3.89	62.03
1988	3.98	12.49	9.00	4.66	0.95	4.16	6.45	11.02	9.48	2.80	2.88	8.17	76.04
1989	4.02	1.51	4.64	2.34	14.67	23.18	6.25	5.16	4.51	2.18	13.55	6.31	88.32
1990	11.41	7.91	5.84	2.71	3.61	7.15	7.37	4.35	5.06	3.15	2.12	4.77	65.45
1991	9.69	7.85	3.21	9.18	10.63	5.21	5.29	10.67	6.31	4.64	2.70	2.36	77.74
1992	9.70	7.53	4.46	2.29	2.16	14.45	6.52	7.64	1.50	1.21	8.09	4.70	70.25
1993	13.35	2.82	5.36	11.58	2.18	3.14	4.48	4.17	1.48	5.46	3.77	3.28	61.07
1994	6.67	2.98	3.99	8.75	5.81	6.99	10.32	3.05	4.13	5.13	1.24	3.07	62.13
1995	7.27	3.56	10.70	9.55	10.82	2.34	2.36	5.34	2.70	3.10	8.12	8.99	74.85
1996	6.41	3.27	6.21	5.92	3.14	5.04	2.52	5.94	6.57	10.17	2.30	1.83	59.32
1997	6.04	7.98	3.43	9.51	7.46	7.83	4.71	4.26	1.18	3.49	6.06	6.32	68.27
1998	14.94	5.60	4.03	5.05	0.35	2.51	3.56	3.05	8.54	2.23	3.05	3.58	56.49
1999	5.48	1.78	5.39	0.64	5.49	6.67	5.97	0.38	4.08	7.04	0.87	5.27	49.06
2000	2.78	0.64	3.36	1.55	1.15	4.78	3.61	2.68	3.04	1.07	10.71	2.73	38.10
2001	4.00	1.83	7.35	0.55	0.83	21.36	3.20	5.77	7.11	5.49	0.58	4.25	62.32
2002	4.28	1.44	9.43	4.64	1.83	3.94	3.38	4.63	6.20	9.30	3.76	7.15	59.98
# of Months	135.00	132.00	135.00	135.00	132.00	137.00	135.00	136.00	132.00	134.00	132.00	133.00	123.00
Total Rain	707.33	628.56	668.11	650.42	622.51	655.39	854.04	755.81	563.02	448.78	565.93	705.96	7151.16
Avg	5.24	4.76	4.95	4.82	4.72	4.78	6.33	5.56	4.27	3.35	4.29	5.31	58.14

Bayou Sorrel	LA- 0565												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1969										2.81	0.4	5.26	
1970	3.04	2.33	5.38	1.39	2.89	MMM	8.08	2.88	5.74	5.88	2.73	5.62	
1971	1.27	4.05	3.88	0.26	3.18	1.17	7.29	4.77	5.45	2.79	2.60	11.59	48.30
1972	8.38	3.80	7.68	1.71	6.89	1.77	5.93	2.36	4.26	3.40	6.64	8.53	61.35
1973	3.27	2.73	10.56	10.35	2.34	1.83	3.59	8.61	13.35	MMM	5.61	8.86	
1974	6.50	2.58	4.39	5.31	5.35	3.12	4.92	8.99	3.14	MMM	4.99	5.22	
1975	6.77	0.34	5.55	5.55	7.70	8.87	10.62	10.30	2.62	1.13	2.48	3.59	65.52
1976	2.87	3.87	7.17	0.50	6.75	4.11	5.97	4.51	1.56	4.50	6.23	6.71	54.75
1977	5.97	2.01	3.67	12.04	3.19	1.92	6.03	12.92	10.33	6.01	11.31	3.22	78.62
1978	8.87	2.41	3.49	3.36	6.69	5.96	3.62	11.72	4.00	0.00	4.20	1.99	56.31
1979	6.84	10.81	2.63	18.53	8.10	1.71	9.50	2.80	4.38	2.63	5.01	6.70	79.64
1980	5.21	4.78	9.53	10.09	13.44	3.43	5.20	3.35	4.73	3.59	4.86	1.91	70.12
1981	1.78	6.56	0.96	1.10	8.51	7.70	5.89	6.34	3.59	2.08	1.25	5.35	51.11
1982	3.54	4.52	3.23	4.83	2.84	4.20	2.39	6.85	3.74	3.36	1.99	14.39	55.88
1983	7.00	7.67	4.59	7.20	5.29	8.34	2.94	10.41	8.71	1.99	6.79	5.17	76.10
1984	3.82	3.72	2.24	1.10	3.14	9.66	5.76	6.97	4.65	8.60	0.83	2.63	53.12
1985	8.29	4.43	5.52	1.89	1.41	1.44	4.45	12.67	5.51	11.98	0.42	4.99	63.00
1986	2.98	4.42	2.28	1.79	3.51	2.11	10.80	3.46	3.14	3.19	13.44	6.88	58.00
1987	6.42	6.51	2.81	1.59	4.21	10.61	7.06	3.81	1.18	1.53	5.18	2.46	53.37
1988	3.51	11.09	10.21	6.92	2.61	3.72	6.19	10.40	8.26	4.38	2.58	6.28	76.15
1989	4.08	0.82	4.74	1.27	2.86	15.23	8.93	6.27	4.88	1.14	10.10	5.43	65.75
1990	4.40	6.73	6.75	1.97	3.18	4.76	8.12	3.85	4.02	1.85	3.95	6.50	56.08
1991	9.38	7.05	5.18	13.35	14.37	4.83	9.48	6.34	5.73	4.51	2.45	1.59	84.26
1992	12.84	9.81	4.55	2.29	3.34	12.10	9.28	8.11	5.18	2.26	8.47	4.89	83.12
1993	10.83	2.99	3.78	12.87	3.51	6.36	3.98	5.26	3.75	6.48	4.19	3.46	67.46
1994	4.31	2.95	3.57	6.79	5.55	8.53	7.88	3.21	3.45	3.42	1.60	3.45	54.71
1995	5.62	0.92	15.76	6.71	5.24	2.19	6.88	5.78	1.26	7.88	8.71	5.03	71.98
1996	2.69	1.90	2.38	2.14	2.38	5.72	2.96	6.13	4.14	8.83	2.77	2.79	44.83
1997	5.19	4.95	2.88	9.33	4.31	7.94	2.92	3.36	1.21	1.52	3.41	4.40	51.42
1998	13.48	5.98	4.75	3.81	0.00	1.40	1.31	3.53	11.36	2.12	2.78	2.08	52.60
1999	2.52	2.10	4.02	0.77	5.04	9.09	5.28	2.52	5.39	5.81	1.21	6.05	49.80
2000	1.99	0.58	4.41	1.01	0.28	4.20	6.18	3.29	3.28	1.52	MMM	2.68	
2001	3.94	2.48	7.67	1.11	1.58	18.83	6.06	4.38	4.22	5.09	1.11	2.54	59.01
2002	3.54	2.80	5.56	5.51	1.33	5.16	6.60	3.80	10.00	MMM	4.83	5.50	
# of Months	33	33	33	33	33	32	33	33	33	31	33	34	28.00
Total Rain	181.14	140.69	171.77	164.44	151.01	188.01	202.09	199.95	166.21	122.28	145.12	173.74	1742.36
Avg	5.49	4.26	5.21	4.98	4.58	5.88	6.12	6.06	5.04	3.94	4.40	5.11	62.23

Bogalusa	LA-0945												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1930							4.67	5.19	7.38	1.72	8.11	1.74	
1931	5.55	3.85	4.41	1.88	4.11	2.83	11.84	6.21	0.54	2.20	3.94	11.04	58.4
1932	7.08	4.88	2.62	4.76	4.33	2.40	7.11	4.97	6.12	7.14	1.76	5.58	58.75
1933	0.84	7.02	3.53	14.25	5.47	1.60	7.39	4.25	3.10	0.66	0.68	0.46	49.25
1934	5.35	5.83	6.91	4.55	3.67	8.86	5.94	6.59	1.86	4.61	7.01	3.66	64.84
1935	3.36	6.91	6.17	5.35	7.74	5.25	7.24	4.03	1.85	0.63	2.25	7.98	58.76
1936	9.57	5.44	1.94	10.00	3.84	0.21	5.74	5.72	2.68	1.40	3.17	5.24	54.95
1937	6.73	2.55	5.91	4.89	6.03	3.70	3.57	8.20	0.91	10.64	2.71	3.81	59.65
1938	4.14	2.79	5.60	5.02	0.71	6.70	6.51	11.36	1.86	1.07	2.74	3.49	51.99
1939	3.08	6.16	2.05	2.21	6.22	7.27	9.24	5.78	1.51	1.49	0.61	2.31	47.93
1940	3.7	12.23	5.97	9.26	0.59	5.60	10.39	3.35	3.44	0.35	3.67	16.12	74.67
1941	3.63	2.10	4.30	2.65	2.17	4.57	5.67	4.54	4.86	4.76	2.61	7.54	49.4
1942	2.35	5.12	7.00	1.11	7.18	5.49	6.38	10.61	5.02	2.02	1.15	7.91	61.34
1943	2.45	1.87	13.39	4.04	5.35	5.00	5.34	3.44	13.63	0.31	6.64	5.18	66.64
1944	6.80	3.20	9.07	5.18	7.64	2.08	1.03	7.41	4.63	2.06	8.50	4.81	62.41
1945	4.69	5.31	4.60	6.99	4.19	3.33	11.56	5.44	6.23	4.62	1.90	6.82	65.68
1946	4.96	5.33	12.61	3.44	13.74	9.12	8.08	8.39	2.63	0.57	7.35	3.90	80.12
1947	8.82	1.54	12.60	8.29	7.45	5.91	1.71	5.91	7.75	0.59	MMM	MMM	
1948	5.22	3.03	14.05	3.31	MMM	3.67	MMM	3.94	8.01	0.93	15.44	6.18	
1949	4.03	4.26	MMM	MMM	6.99	10.26	8.08	6.09	5.63	3.82	0.00	3.56	
1950	3.73	7.65	8.25	5.73	2.84	3.88	6.75	4.59	3.44	2.70	2.14	7.91	59.61
1951	3.85	4.57	10.55	6.57	0.33	7.50	5.03	4.77	7.61	1.17	2.02	4.17	58.14
1952	2.10	6.39	3.48	6.48	5.89	1.27	4.77	2.21	3.28	0.00	4.39	6.22	46.48
1953	MMM	6.64	5.17	7.59	6.95	9.67	5.97	6.64	0.71	0.05	6.36	21.52	
1954	2.17	2.50	2.57	4.38	2.31	2.59	11.85	1.36	3.32	6.36	2.53	4.73	46.67
1955	5.92	4.88	0.22	7.78	3.84	1.37	3.36	5.49	1.09	1.70	3.30	2.96	41.91
1956	2.63	5.79	7.10	1.98	6.96	8.80	7.45	2.37	6.68	4.58	2.60	4.46	61.4
1957	2.16	3.06	4.30	6.48	2.53	4.82	1.30	3.43	9.13	2.77	9.22	3.74	52.94
1958	4.64	4.5	7.86	4.24	11.93	5.48	7.97	4.25	3.79	1.37	0.96	1.96	58.95
1959	4.32	7.80	4.50	4.21	11.14	10.13	9.70	7.15	3.55	9.54	3.99	3.91	79.94
1960	3.47	5.55	3.62	4.06	2.30	0.81	4.67	8.26	4.68	3.60	0.73	2.69	44.44
1961	6.95	13.66	10.62	2.70	3.13	5.29	5.97	4.69	6.66	0.38	11.85	18.93	90.83
1962	7.32	1.53	4.55	4.57	1.70	8.52	2.63	3.47	1.91	3.84	1.25	4.46	45.75
1963	4.24	4.87	1.78	0.87	1.57	2.38	6.72	4.43	1.89	0.23	3.25	5.00	37.23
1964	7.33	4.58	7.97	9.75	3.33	3.46	4.80	2.87	6.11	4.46	4.43	5.93	65.02
1965	6.90	6.46	3.10	0.96	1.68	7.25	7.00	7.04	5.70	0.94	2.66	3.60	53.29
1966	9.79	15.62	3.21	5.96	7.18	1.33	4.83	4.59	3.92	1.36	1.89	4.08	63.76
1967	4.38	4.95	0.91	6.78	5.18	3.63	5.93	7.37	3.50	2.27	1.24	9.36	55.5
1968	2.74	3.01	2.97	3.93	1.65	4.61	5.67	5.34	4.81	1.94	4.00	10.19	50.86
1969	2.19	4.48	6.00	3.05	5.04	0.28	7.87	8.17	2.07	4.03	1.23	5.13	49.54
1970	3.41	3.26	6.35	2.54	5.43	4.60	8.01	5.32	1.57	7.71	2.12	5.95	56.27
1971	3.32	7.26	5.24	0.45	5.74	8.94	4.45	8.59	9.92	1.41	2.70	9.42	67.44

1972	8.19	3.38	7.43	0.97	11.04	2.96	8.75	3.62	0.87	2.71	4.92	10.95	65.79
1973	4.18	4.86	9.71	12.06	4.59	3.13	4.05	5.12	6.65	1.99	7.01	6.42	69.77
1974	6.47	5.66	7.40	8.22	9.93	3.22	7.05	2.85	7.64	1.00	7.22	3.53	70.19
1975	7.50	1.18	6.85	13.59	9.23	9.36	9.41	8.30	3.41	2.96	3.22	3.17	78.18
1976	3.58	6.10	4.02	1.09	4.80	7.76	5.43	2.36	5.43	4.75	5.57	5.96	56.85
1977	6.39	2.61	7.45	8.20	2.24	2.14	7.43	5.26	8.63	5.29	8.29	4.24	68.17
1978	6.79	2.22	3.14	4.43	6.67	5.52	4.06	6.08	4.19	0.00	4.17	2.88	50.15
1979	6.85	8.41	5.02	11.82	6.11	1.38	7.80	1.22	7.26	1.52	3.31	2.80	63.5
1980	4.38	2.69	14.14	11.15	13.38	1.68	6.24	1.81	5.00	6.43	3.99	1.23	72.12
1981	0.79	11.78	4.86	1.44	3.22	4.86	7.00	3.99	3.06	1.28	3.42	5.28	50.98
1982	4.26	9.00	6.59	3.98	3.64	5.76	5.47	5.50	2.50	3.04	4.33	12.23	66.3
1983	6.13	9.27	6.19	14.46	6.22	7.52	1.88	5.99	6.07	1.74	4.41	6.48	76.36
1984	3.75	8.58	3.11	2.70	3.94	2.71	5.96	9.65	1.33	7.82	3.25	4.11	56.91
1985	6.34	4.47	5.17	3.60	2.66	2.57	5.31	10.59	10.83	7.78	2.26	4.57	66.15
1986	2.49	4.03	3.11	1.17	3.97	3.87	3.76	4.01	1.81	4.07	11.41	5.00	48.7
1987	8.32	10.47	7.29	1.19	5.91	6.00	2.88	13.32	1.04	0.25	4.85	2.18	63.7
1988	3.32	9.03	11.48	4.67	1.39	6.06	6.28	6.43	9.73	1.90	4.93	4.73	69.95
1989	2.90	1.56	7.95	3.33	4.07	9.78	5.71	4.03	3.68	0.87	8.96	9.56	62.4
1990	8.90	9.20	7.15	2.54	9.69	6.44	2.09	2.49	1.71	2.01	3.18	3.43	58.83
1991	11.03	5.90	7.05	10.01	12.37	9.04	6.49	1.73	4.01	3.15	2.50	1.55	74.83
1992	11.81	8.33	5.59	4.65	2.94	7.55	4.18	9.09	2.07	0.97	10.09	3.67	70.94
1993	12.20	3.19	6.33	6.44	5.84	7.92	7.09	2.76	2.34	5.89	2.73	3.61	66.34
1994	4.06	3.87	4.63	4.43	3.62	9.67	8.34	3.35	3.09	9.29	3.75	3.73	61.83
1995	6.28	6.92	10.86	7.50	9.64	3.68	5.68	2.58	0.52	3.09	4.41	5.17	66.33
1996	5.50	2.84	5.71	4.69	4.05	7.37	7.03	5.42	5.37	8.40	1.29	7.09	64.76
1997	5.94	7.99	4.35	5.88	7.63	10.45	3.65	1.67	3.21	3.81	8.07	4.20	66.85
1998	15.51	5.88	7.77	3.48	0.69	1.41	7.82	4.63	11.59	1.37	4.19	3.42	67.76
1999	5.31	1.43	8.14	0.43	2.42	4.37	7.55	2.23	3.95	10.47	2.61	5.53	54.44
2000	2.98	0.87	3.45	3.28	0.05	5.51	1.34	3.58	4.62	0.66	13.57	4.11	44.02
2001	3.54	2.92	7.84	1.03	1.77	20.58	10.28	5.64	4.34	7.93	4.32	5.03	75.22
2002	4.1	3.03	7.52	3.64	0.68	6.3	5.11	7.75	12.51	9.38	5.66	8.49	74.17
# of Months	71	72	71	71	71	72	72	73	73	73	72	72	68
Total Rain	375.7	386.1	440.35	364.31	360.47	387.03	441.31	386.87	333.44	235.82	316.99	408	4153.24
Avg	5.29	5.36	6.20	5.13	5.08	5.38	6.13	5.30	4.57	3.23	4.40	5.67	61.08

Burrwood	LA-1335													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
	1893	1.95	4.62	4.90	1.30	4.57	6.70	1.78				3.51	0.53	
	1894	1.13	3.52	3.35	3.99	0.52	3.43	9.74				1.10	0.50	
	1895	3.89	4.19	4.52	4.18	10.27	2.15	3.37	9.13	2.06	2.07	0.64	3.61	50.08
	1896	1.49	4.09	4.17	1.22	0.20	2.81	2.91	3.49	10.69	8.79	2.87	2.29	45.02
	1897	5.01	4.19	2.43	11.70	1.87	0.00	2.22	6.90	8.60	4.26	1.47	3.27	51.92
	1898	6.19	3.27	1.39	5.28	0.67	9.10	6.16	7.68	1.71	1.50	3.80	3.49	50.24
	1899	6.19	3.27	1.39	5.28	0.67	9.10	6.16	7.68	1.71	1.50	3.80	3.49	50.24
	1900	3.14	6.44	6.50	6.25	3.85	4.31	5.60	4.33	10.13	2.76	2.15	8.25	63.71
	1901	2.03	6.47	5.35	4.43	0.73	4.02	11.29	14.74	3.22	1.78	1.92	3.61	59.59
	1902	1.29	7.26	3.87	5.40		0.20	1.38	6.34	8.79	9.11	5.42	6.07	55.13
	1903	3.89	7.70	6.65	0.45	2.85	3.91	4.65	4.21	2.16	3.18	0.73	2.43	42.81
	1904	2.72	0.79	2.08	1.15	3.46	0.64	7.34	8.73	6.64	1.66	2.72	6.17	44.10
	1905	6.53	3.61	2.98	2.68	0.65	2.88	7.05	10.81	5.84	8.57			
	1906													
	1907				5.96	8.11	0.40	3.61					1.80	
	1908	2.84	5.15	1.10	2.75	0.23	6.52	12.90	5.40	14.27	0.33	0.24	2.83	54.56
	1909	1.02	2.44	0.81	2.49	3.21	14.62	2.83	13.72	4.87	0.10	0.08	8.97	55.16
	1910	1.94	6.63	1.35	0.48	3.41	6.27	11.48	10.43	9.33	3.10	2.53	3.53	60.48
	1911	2.04	0.58	1.52	7.75	4.10	6.41	8.13	5.85	3.73	8.43	2.42	10.22	61.18
	1912	5.41	6.54	3.56	2.06	5.66	5.74	5.33	6.96	17.60	15.97	2.35	8.83	86.01
	1913	2.77	8.37	3.88	5.30	1.45	2.50	4.11	7.52	15.54	5.56	2.28	7.61	66.89
	1914	3.03	6.22	3.91	3.76	0.15	3.09	9.54	8.66	2.26	2.19	6.17	4.11	53.09
	1915	7.41	4.51	2.98	0.00	4.69	0.61	3.24	8.05	7.38	6.24	0.46	3.35	48.92
	1916	2.56	2.52	1.02	1.63	6.68	7.96	15.51	4.57	2.50	14.60	2.34	4.00	65.89
	1917	3.44	2.65	0.44	2.73	2.11	0.30	4.60	4.36	8.76	1.98	0.26	2.71	34.34
	1918	7.50	2.55	5.89	9.02	1.43	1.24	8.56	6.53	4.93	12.73	2.31	9.37	72.06
	1919	6.85	4.66	3.18	8.12	5.45	1.88	5.78	8.52	3.94	5.88	5.98	1.07	61.31
	1920	6.09	2.24	MMM	5.34	7.64	8.59	10.55	8.79	5.76	5.71	3.12	6.02	
	1921	MMM	0.45	0.59	1.35	1.65	0.53	7.34	6.04	4.26	2.58	1.12	5.76	
	1922	3.04	4.37	6.69	2.19	8.34	5.65	8.66	9.01	8.19	4.89	0.58	5.60	67.21
	1923	3.35	5.89	6.05	3.28	5.87	4.57	12.74	7.72	2.72	10.88	3.99	3.36	70.42
	1924	7.05	5.06	3.50	10.36	3.02	2.68	1.66	2.23	2.44	0.51	0.60	6.64	45.75
	1925	4.65	1.46	1.22	1.43	2.58	4.88	6.50	15.70	6.30	4.29	8.38	4.10	61.49
	1926	6.16	3.38	9.90	8.10	3.24	2.83	7.35	1.80	4.56	3.30	1.37	0.96	52.95
	1927	1.51	4.62	3.16	8.34	6.79	7.35	2.59	3.63	2.42	0.96	MMM	4.91	
	1928	2.71	10.94	2.17	6.94	2.92	7.66	12.75	4.04	10.66	2.92	2.44	3.99	70.14
	1929	5.15	2.90	5.66	2.20	1.28	1.88	8.67	4.09	6.73	3.95	2.70	1.46	46.67
	1930	6.92	4.77	5.19	1.69	1.65	1.60	4.36	4.57	8.28	6.04	9.14	3.69	57.90
	1931	3.86	2.84	3.80	2.82	2.14	2.00	11.13	13.79	0.16	13.44	3.93	6.02	65.93
	1932	3.17	2.77	3.93	7.77	10.09	0.40	2.57	18.99	8.66	8.31	2.97	3.76	73.39
	1933	6.48	6.99	6.16	3.84	1.83	0.71	4.25	4.43	1.57	2.59	2.89	2.98	44.72
	1934	8.69	1.08	6.16	1.29	6.82	2.39	1.68	12.06	2.93	5.67	4.79	3.46	57.02
	1935	0.62	4.83	2.21	4.70	2.40	3.30	9.14	6.85	6.42	0.84	1.50	5.13	47.94
	1936	4.28	5.53	3.52	2.32	6.50	1.72	1.03	12.67	2.07	0.68	4.44	2.36	47.12
	1937	1.82	3.68	5.96	2.22	1.62	3.04	0.59	8.70	7.66	10.32	1.93	3.41	50.95
	1938	6.20	1.85	0.88	2.40	5.51	3.38	8.74	7.53	4.04	1.94	5.52	1.39	49.38
	1939	1.71	4.82	0.40	3.03	7.73	3.12	9.03	9.79	10.69	0.56	8.06	1.64	60.58
	1940	3.51	5.37	1.83	5.11	2.54	3.66	11.68	6.01	6.69	0.55	5.21	8.11	60.27
	1941	4.24	5.45	6.46	2.15	1.57	5.05	8.97	4.53	7.58	5.89	4.82	7.28	63.99
	1942	2.57	12.98	8.79	1.29	4.84	10.05	2.23	6.98	3.58	3.70	0.61	5.29	62.91
	1943	3.11	1.51	4.27	1.01	2.13	8.66	7.34	6.61	13.05	0.66	1.51	3.02	52.88
	1944	14.81	2.32	3.03	14.81	1.62	6.97	9.81	7.44	9.38	0.58	4.37	1.77	76.91
	1945	1.16	3.85	1.21	1.81	3.55	0.29	11.58	6.37	3.52	1.58	1.40	11.04	47.36
	1946	4.27	3.43	8.71	3.49	17.57	6.69	10.70	3.94	16.83	0.32	5.59	2.32	83.86
	1947	6.47	6.37	6.73	6.82	3.42	4.89	2.19	2.89	6.88	0.87	11.10	4.67	63.30
	1948	3.07	0.95	10.87	1.98	2.41	2.23	10.06	10.11	11.58	0.78	16.17	2.28	72.49
	1949	2.84	7.57	3.56	7.18	0.50	4.68	7.15	6.04	15.73	6.10	0.41	3.74	65.50
	1950	1.30	1.01	9.67	4.56	1.86	5.10	8.62	4.68	6.91	0.99	0.96	5.70	51.36

	1951	1.72	2.51	4.53	4.72	2.65	0.44	5.48	5.81	5.33	1.14	2.69	2.06	39.08
	1952	2.06	9.81	1.07	3.43	3.96	0.57	5.78	6.39	6.05	0.00	3.01	1.92	44.05
	1953	2.55	3.30	0.98	4.82	1.78	8.37	4.52	9.49	5.37	0.29	5.97	8.50	55.94
	1954	6.53	1.22	1.05	0.83	2.16	3.63	9.18	3.60	6.50	2.23	4.84	4.88	46.65
	1955	4.02	2.22	0.61	0.96	2.64	1.87	4.62	9.00	7.49	3.43	5.49	3.87	46.22
	1956	4.35	5.57	0.48	3.23	2.57	11.30	8.34	1.51	10.34	2.95	0.69	1.82	53.15
	1957	1.05	5.17	7.47	6.97	1.12	9.60	7.74	8.16	21.06	5.38	9.46	2.44	85.62
	1958	10.63	5.79	6.53	2.91	3.68	3.40	4.75	12.43	8.26	6.61	2.90	1.30	69.19
	1959	3.92	4.70	4.87	6.14	6.23	10.28	5.02	2.33	6.15	11.70	1.10	1.91	64.35
	1960	2.60	3.69	0.75	5.99	8.95	1.79	6.72	6.40	7.74	1.80	0.26	5.11	51.80
	1961	5.21	4.29	7.02	3.26	4.16	4.19	2.26	9.00	4.50	2.17	6.57	5.33	57.96
	1962	2.07	0.41	2.80	1.05	0.00	4.96	7.31	4.59	2.96	5.15	5.56	3.04	39.90
	1963	2.05	5.84	0.67	0.71	0.74	2.97	2.48	4.97	10.21	0.22	7.94	4.44	43.24
	1964	4.82	9.11	3.35	1.93	2.21	2.56	6.13	3.82	3.45	MMM	5.93	0.92	
	1965	2.36												
# of Months		70	70	69	71	71	71	71	68	68	67	68	70	62
Total Rain		279.01	307.15	263.68	284.13	251.47	299.27	467.26	490.14	470.32	277.76	241.58	291.51	3600.27
Avg		3.99	4.39	3.82	4.00	3.54	4.22	6.58	7.21	6.92	4.15	3.55	4.16	58.07

Carville	1565												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
													Sum
1937									2.45	9.08	1.38	3.88	
1938	3.77	3.68	1.20	3.75	1.29	4.11	6.16	5.81	1.68	2.27	2.60	3.18	39.50
1939	2.69	3.16	0.78	2.07	6.70	5.22	6.91	7.36	3.55	1.07	3.20	1.23	43.94
1940	2.35	7.09	4.58	9.31	0.39	14.22	5.92	10.29	3.03	0.30	6.36	9.65	73.49
1941	5.14	2.42	5.23	2.86	7.08	6.34	5.83	5.06	4.77	5.93	2.57	3.02	56.25
1942	1.62	6.84	4.73	1.94	3.14	10.86	4.21	4.76	7.47	5.65	0.32	3.57	55.11
1943	1.92	2.59	10.16	2.20	4.38	3.49	2.72	3.70	15.92	0.78	3.18	5.65	56.69
1944	7.19	4.04	4.03	4.32	5.10	3.72	2.39	4.21	5.45	0.58	7.16	2.72	50.91
1945	6.26	6.20	2.77	4.63	4.94	0.53	6.77	5.78	8.25	3.97	2.44	5.89	58.43
1946	4.45	4.90	8.58	5.21	9.70	8.18	12.43	4.43	5.16	1.81	8.92	3.44	77.21
1947	5.99	1.20	15.20	7.95	5.39	5.40	2.97	4.11	4.59	0.86	10.01	6.12	69.79
1948	4.11	2.84	11.86	3.43	0.71	2.15	5.60	2.17	8.18	0.79	14.61	4.64	61.09
1949	2.96	2.56	7.61	5.14	2.09	4.54	6.85	3.85	5.03	6.21	0.11	4.09	51.04
1950	5.24	4.21	6.11	7.45	5.58	7.00	5.26	2.07	0.59	1.14	1.45	7.25	53.35
1951	5.88	2.91	7.16	3.82	2.35	3.12	6.72	2.13	12.14	1.40	3.06	3.21	53.90
1952	2.13	7.38	3.07	8.59	9.01	2.47	4.76	6.52	2.04	0.00	4.93	6.81	57.71
1953	5.74	4.31	2.11	6.73	7.12	4.74	7.86	4.16	1.08	0.65	5.55	12.44	62.49
1954	4.43	3.18	2.13	1.53	6.70	2.98	11.59	3.14	5.08	6.72	3.72	3.52	54.72
1955	5.36	3.71	0.03	10.88	2.93	2.54	8.68	8.01	6.79	1.16	2.61	3.55	56.25
1956	3.02	6.22	2.20	2.84	4.50	5.62	6.40	3.36	4.15	1.52	3.40	9.02	52.25
1957	0.60	3.99	5.28	5.32	2.70	10.91	3.75	5.22	5.55	3.44	8.36	3.56	58.68
1958	4.47	3.68	5.16	4.35	5.72	4.81	8.87	4.99	10.33	1.08	0.88	2.31	56.65
1959	3.80	10.35	1.76	3.47	11.21	1.02	12.52	5.87	2.22	6.30	2.87	4.66	66.05
1960	2.72	4.84	2.33	4.36	2.18	0.71	4.92	11.24	1.69	1.85	0.84	4.60	42.28
1961	4.21	10.91	7.82	2.70	4.22	9.73	9.40	7.17	9.52	1.71	7.60	13.14	88.13
1962	4.60	1.13	4.34	3.19	1.03	5.93	1.54	2.10	1.54	1.23	1.17	4.18	31.98
1963	5.30	3.44	0.66	0.16	3.28	9.75	6.31	3.87	3.56	0.00	6.50	5.93	48.76
1964	7.72	6.03	7.69	4.14	5.07	3.32	10.08	4.94	5.08	9.51	4.25	3.08	70.91
1965	4.02	7.35	3.64	0.96	4.37	1.63	4.23	7.26	7.23	0.44	3.42	6.63	51.18
1966	10.65	14.36	2.15	6.86	6.32	2.63	8.01	7.53	2.89	3.53	1.04	2.18	68.15
1967	3.38	4.83	3.11	1.21	6.68	4.75	4.18	9.20	2.91	2.31	0.27	6.68	49.51
1968	1.58	3.05	2.69	2.94	5.17	3.96	5.06	7.00	1.63	0.63	6.35	7.53	47.59
1969	1.91	5.78	5.75	11.22	4.07	1.78	9.97	3.27	1.77	3.92	2.76	5.38	57.58
1970	3.08	3.15	5.84	1.94	3.90	6.65	4.96	4.38	4.74	5.49	3.00	5.22	52.35
1971	1.60	4.87	3.64	1.03	5.47	3.35	8.13	4.19	7.61	2.75	2.57	14.48	59.69
1972	9.43	5.30	9.32	1.12	6.86	1.32	4.98	4.00	6.22	2.25	6.59	7.11	64.50
1973	3.18	3.20	8.72	9.99	3.31	1.27	1.16	9.55	15.58	3.29	6.93	7.80	73.98
1974	5.40	3.21	5.41	6.83	4.07	3.60	6.98	5.34	3.68	0.27	5.48	4.46	54.73
1975	5.66	0.56	5.87	7.23	7.20	6.35	16.84	9.69	2.78	1.89	2.87	2.87	69.81
1976	3.15	2.54	5.18	1.07	4.52	2.43	3.56	1.41	1.96	4.48	6.01	6.23	42.54
1977	6.21	2.15	4.34	9.19	0.82	3.55	6.62	15.24	11.14	5.94	8.97	3.87	78.04
1978	10.90	2.33	3.47	3.33	5.78	9.84	6.48	7.25	2.26	0.04	4.85	3.49	60.02
1979	7.56	9.76	2.80	12.83	8.63	0.64	10.13	5.62	3.37	1.15	3.29	2.55	68.33
1980	6.53	1.58	9.93	10.20	8.04	3.13	3.83	0.97	6.49	4.53	3.39	1.49	60.11

1981	1.53	6.46	1.94	0.76	3.69	8.15	6.49	1.40	4.05	1.82	1.30	6.56	44.15
1982	3.31	4.45	2.04	5.41	1.77	6.13	9.64	4.72	4.83	3.29	3.78	9.92	59.29
1983	5.99	7.53	6.32	8.09	4.14	7.67	3.07	7.74	7.52	1.70	4.42	8.57	72.76
1984	4.42	4.53	1.99	0.66	4.48	8.20	3.48	5.67	2.08	5.78	0.87	4.09	46.25
1985	7.08	4.36	5.52	2.03	1.04	2.31	6.82	14.26	4.98	12.64	0.24	6.02	67.30
1986	1.72	3.07	2.57	2.04	3.96	7.14	4.51	10.35	2.89	4.87	8.96	6.11	58.19
1987	9.06	9.06	1.91	4.11	4.20	11.61	6.15	3.79	1.54	0.35	3.23	3.21	58.22
1988	4.09	12.42	8.85	5.27	2.84	4.01	5.85	5.07	3.65	4.46	4.04	5.86	66.41
1989	MMM	MMM	4.50	1.90	6.02	19.38	5.85	4.11	5.54	5.40	10.58	4.82	
1990	5.05	8.33	8.04	2.48	4.22	5.12	3.13	0.92	1.14	2.44	2.89	5.21	48.97
1991	7.54	5.19	5.43	10.79	17.94	5.51	5.64	7.27	3.00	2.78	1.26	1.09	73.44
1992	12.23	5.78	3.08	1.27	5.02	11.92	7.26	9.51	2.82	1.47	8.93	6.63	75.92
1993	11.31	3.70	5.92	10.64	2.33	5.72	3.85	1.16	2.62	5.02	2.97	2.97	58.21
1994	5.35	4.34	4.31	7.87	4.25	6.76	7.36	2.63	4.74	3.29	0.74	4.23	55.87
1995	5.56	2.50	MMM	4.19	5.12	2.85	5.73	4.02	1.31	10.15	9.40	3.09	
1996	1.83	2.52	2.42	2.02	3.78	4.59	4.07	6.35	2.77	11.88	3.82	MMM	
1997	MMM	7.06	3.48	7.20	7.86	17.74	9.03	5.90	1.35	2.75	5.77	3.46	71.60
1998	15.49	5.88	5.71	2.54	0.40	1.57	6.32	2.13	9.14	1.80	3.55	1.61	56.14
1999	1.63	3.09	3.31	0.50	4.42	7.07	4.46	MMM	4.56	6.33	2.30	5.00	42.67
2000	3.37	1.64	3.49	MMM	0.05	4.12	2.15	3.83	4.75	0.84	14.66	3.24	
2001	4.18	2.04	10.61	1.39	2.20	22.99	7.42	6.44	3.54	4.90	1.09	2.29	69.09
2002	5.08	1.46	6.11	5.03	1.89	5.60	7.82	5.03	11.53	11.13	4.83	6.82	72.33
# of Months	63	64	64	64	65	65	65	64	66	66	66	65	61
Total Rain	313.73	303.24	313.99	296.48	301.34	376.45	408.64	350.52	319.5	225.01	287.47	333.11	3602.48
Avg	4.98	4.74	4.91	4.63	4.64	5.79	6.29	5.48	4.84	3.41	4.36	5.12	59.06

Cinclare	LA-	1807												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum	
1910										2.81	2.16	3.85		
1911	2.60	0.59	2.11	10.84	4.01	4.61	9.91	6.33	3.49	3.27	5.35	8.80	61.91	
1912	5.85	4.70	6.08	9.15	10.61	5.74	6.35	6.08	3.60	1.70	0.55	20.05	80.46	
1913	7.70	3.60	5.44	4.05	5.52	5.50	8.17	5.35	10.68	5.64	2.00	2.90	66.55	
1914	0.57	4.62	5.62	4.38	0.55	1.73	15.67	6.37	2.02	3.37	8.35	4.80	58.05	
1915	9.85	6.99	3.85	0.05	5.86	4.05	5.70	5.03	3.39	6.20	1.60	3.50	56.07	
1916	10.20	0.85	1.57	3.20	9.12	5.37	8.39	6.27	4.17	3.80	0.40	5.40	58.74	
1917	10.90	3.47	3.33	4.45	1.25	1.36	1.41	5.30	10.79	1.09	0.98	2.50	46.83	
1918	4.32	3.15	1.44	7.37	2.42	4.80	5.30	5.29	1.37	6.41	4.89	5.64	52.40	
1919	8.16	9.87	4.53	7.29	6.12	9.54	5.61	3.17	3.32	7.40	5.48	4.19	74.68	
1920	5.96	5.12	2.33	6.04	3.15	6.22	9.61	9.68	3.20	1.59	2.54	8.84	64.28	
1921	3.84	1.78	5.70	6.42	2.30	9.06	5.83	4.14	3.51	3.24	3.75	4.77	54.34	
1922	5.66	6.61	8.41	2.26	4.58	6.00	3.61	8.08	4.28	4.62	2.64	9.12	65.87	
1923	3.25	5.99	6.30	2.96	6.70	10.03	6.24	6.09	2.56	3.47	6.70	8.98	69.27	
1924	7.95	4.98	3.60	4.71	3.53	3.44	0.57	1.33	0.05	0.01	0.85	4.26	35.28	
1925	9.70	2.82	2.52	2.67	1.66	5.12	7.33	2.15	3.88	7.24	2.84	3.97	51.90	
1926	8.06	2.92	11.29	9.84	7.98	2.67	2.25	14.82	4.69	5.31	5.62	3.99	79.44	
1927	2.00	7.25	5.04	1.83	3.71	4.67	5.82	6.21	2.53	3.63	6.04	8.51	57.24	
1928	0.82	6.53	6.14	6.39	5.47	15.33	8.60	9.38	5.16	0.38	1.91	4.95	71.06	
1929	6.55	8.02	5.18	2.07	9.40	6.80	3.81	3.17	5.50	12.39	17.26	4.74	84.89	
1930	10.21	2.72	5.16	1.83	6.34	MMM	6.02	5.30	7.10	2.40	6.86	2.79		
1931	7.11	3.58	5.24	2.81	3.15	2.42	5.27	3.74	1.79	4.08	3.79	5.35	48.33	
1932	10.52	5.34	2.57	5.28	10.43	2.79	10.70	5.10	6.10	7.91	5.32	7.78	79.84	
1933	3.16	7.27	4.66	9.39	2.10	2.03	4.99	4.50	2.42	1.65	3.30	5.79	51.26	
1934	6.15	6.55	3.48	5.67	3.34	8.33	7.33	7.42	2.90	2.90	8.60	2.25	64.92	
1935	4.37	4.89	6.20	7.11	3.00	3.40	8.22	6.78	3.30	0.65	1.60	8.60	58.12	
1936	4.93	5.15	0.95	4.10	4.90	0.30	7.75	6.10	6.00	1.60	2.80	3.65	48.23	
1937	11.75	1.78	3.55	2.75	2.75	2.45	6.40	5.20	3.85	5.91	1.76	4.39	52.54	
1938	4.92	3.54	1.91	4.08	1.51	2.53	8.14	5.29	4.81	1.82	3.03	3.05	44.63	
1939	3.95	4.64	2.08	2.80	9.33	4.07	6.67	8.48	3.42	1.62	2.30	3.10	52.46	
1940	2.40	6.25	3.20	10.15	0.35	7.35	9.75	11.70	3.60	0.05	11.85	11.20	77.85	
1941	4.15	2.30	4.25	3.30	8.05	5.82	9.89	1.57	3.89	5.26	1.27	3.80	53.55	
1942	10.57	6.47	5.74	11.47	1.90	11.04	4.95	6.91	8.37	4.25	0.50	5.22	77.39	
1943	2.70	3.05	11.53	1.05	3.60	6.65	2.65	2.04	12.55	0.28	4.55	8.24	58.89	
1944	7.52	4.17	4.09	4.40	4.54	3.51	2.88	8.99	3.41	1.54	7.09	1.55	53.69	
1945	7.63	6.14	4.07	6.87	5.12	5.43	6.97	6.66	6.92	4.10	2.33	5.79	68.03	
1946	7.24	4.80	7.90	2.33	14.94	5.95	11.90	4.52	2.72	1.92	7.78	2.50	74.50	
1947	6.45	1.44	15.54	6.66	4.72	2.07	2.22	1.83	3.76	MMM	10.07	7.71		
1948	5.95	3.78	8.15	3.46	2.73	4.45	2.36	2.53	5.94	0.37	11.63	5.22	56.57	
1949	4.08	3.11	10.07	6.07	2.03	3.27	11.35	5.05	5.21	6.55	0.24	3.69	60.72	
1950	9.45	4.17	5.99	6.35	6.80	8.95	4.05	2.73	1.34	1.54	MM	7.98		
1951	5.59	1.85	6.60	1.72	0.86	1.80	3.78	1.71	8.46	0.26	2.13	5.63	40.39	
1952	1.70	5.37	2.90	7.25	7.70	1.99	11.65	4.61	2.66	0.00	4.69	6.98	57.50	
1953	3.75	8.50	7.70	MMM	16.04	6.41	7.15	4.46	0.00	0.68	6.60	9.32		
1954	4.95	2.44	2.14	2.10	6.94	1.74	7.76	1.15	3.92	6.93	2.94	MMM		
1955	5.26	7.11	0.35	8.42	4.62	1.80	5.74	7.14	1.13	1.29	5.36	3.49	51.71	
1956	2.08	8.91	3.14	2.80	3.45	3.17	2.42	2.61	2.19	1.36	2.16	5.90	40.19	
1957	1.65	3.53	5.44	7.08	5.53	7.89	7.13	3.62	9.82	4.15	6.84	3.44	66.12	
1958	5.71	5.04	7.13	4.87	5.37	5.15	4.81	7.07	8.86	1.56	1.87	2.01	59.45	
1959	5.00	10.06	2.81	3.07	11.06	3.55	20.18	5.42	2.54	5.51	1.09	5.51	75.80	
1960	4.85	4.22	1.75	4.62	2.55	1.46	4.56	9.52	0.52	2.60	1.56	5.63	43.84	
1961	5.34	9.55	6.21	3.84	4.87	6.38	8.70	4.73	10.73	1.00	7.89	12.65	81.89	
1962	6.91	1.79	3.29	8.45	2.67	3.04	0.31	6.82	2.50	4.82	0.74	3.33	44.67	
1963	3.22	4.14	1.10	0.67	0.84	4.17	7.63	5.46	2.97	0.11	7.29	6.16	43.76	
1964	6.92	6.96	9.92	6.22	3.54	7.51	10.26	4.26	4.82	13.07	5.20	3.64	82.32	
1965	2.69	6.64	6.01	0.35	4.86	3.26	4.79	4.45						
	55	55	55	54	55	54	55	55	55	54	54	54	49	
	314.77	267.11	273.30	265.36	276.47	264.17	367.51	299.71	238.71	183.31	234.94	307.10	2958.42	
	5.72	4.86	4.97	4.91	5.03	4.89	6.68	5.45	4.34	3.39	4.35	5.69	60.38	

Clinton 4ENE	1891												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1888			8.50	0.03			3.15	14.05	3.73	4.75	1.55	4.75	
1889	7.10	2.15	4.60	2.83	0.87	8.84	6.96	5.49	2.40	0.00	3.29	1.69	46.22
1890	1.95	6.82	6.66	9.02	2.37	12.32	4.84	7.88	3.44	4.55	0.50	1.90	62.25
1891	10.57	7.76	MMM	MMM	MMM	2.45	14.40	1.43	0.92	1.21	MMM	MMM	
1892	5.85	1.38	6.41	8.00	2.69	6.57	7.48	9.76	1.70	0.37	5.34	5.41	60.96
1893	3.72	2.08	2.58	3.08	7.00	5.26	7.50	7.42	3.98	1.22	6.47	3.66	53.97
1894	4.74	6.62	5.86	3.73	1.74	3.38	3.58	3.69	3.96	0.33	1.41	4.85	43.89
1895	3.57	4.01	5.03	3.31	2.74	7.39	7.78	2.83	0.94	3.37	2.05	6.32	49.34
1896	MMM	MMM	MMM	MMM	1.71	5.90	2.64	3.99	4.55	6.48	4.12	1.44	
1897	4.84	4.98	6.45	2.77	1.27	3.64	3.73	9.48	2.31	2.90	2.47	4.35	49.19
1898	10.32	4.66	3.63	3.81	0.47	7.49	11.99	7.71	7.08	7.07	5.79	3.25	73.27
1899	8.39	3.38	1.92	1.15	0.10	5.11	0.70	5.31	0.55	1.83	1.41	5.55	35.40
1900	4.77	9.98	5.98	15.97	5.91	7.73	4.58	3.25	0.44	2.90	1.26	5.69	68.46
1901	3.63	6.35	3.62	8.56	2.55	2.63	10.04	4.86	2.46	1.42	1.77	11.83	59.72
1902	2.64	4.20	4.76	2.44	2.89	0.77	6.97	7.63	7.59	2.01	3.95	6.44	52.29
1903	6.51	7.61	21.47	1.15	2.75	4.48	7.14	4.51	0.43	2.93	0.55	5.23	64.76
1904	3.35	5.23	3.22	2.66	3.90	3.26	6.91	6.51	4.21	0.02	1.07	4.97	45.31
1905	6.71	13.44	5.73	13.28	7.90	5.94	12.77	5.27	9.55	2.98	5.43	4.33	93.33
1906	6.19	5.09	16.18	4.11	1.05	2.45	5.39	4.34	8.16	4.32	3.72	4.36	65.36
1907	2.80	2.09	1.21	5.67	18.04	1.83	5.82	6.58	3.26	1.53	6.62	4.98	60.43
1908	5.35	7.91	3.69	6.98	9.80	3.72	11.07	9.28	7.31	0.66	1.30	4.37	71.44
1909	2.64	4.77	2.85	9.65	8.53	6.31	6.33	5.06	8.27	1.39	1.19	5.02	62.01
1910	3.87	2.47	0.56	2.22	4.75	8.01	9.94	4.03	3.98	3.32	3.07	3.84	50.06
1911	4.64	0.51	0.58	2.77	4.26	3.96	10.99	3.27	2.54	3.76	3.56	8.56	49.40
1912	4.60	3.72	4.63	6.96	5.43	4.61	4.72	5.20	2.85	0.92	1.00	13.00	57.64
1913	8.97	3.83	4.19	4.62	4.69	0.61	10.08	3.13	4.66	5.74	2.20	2.09	54.81
1914	1.10	4.63	6.72	10.00	0.79	3.12	4.06	6.93	4.68	1.26	4.42	4.48	52.19
1915	8.74	8.01	2.79	0.35	7.30	3.89	7.60	4.58	5.42	3.91	1.86	3.96	58.41
1916	9.06	1.13	2.35	6.32	8.25	2.02	10.90	3.29	6.78	5.15	0.49	8.42	64.16
1917	7.99	6.42	4.10	3.07	0.73	1.66	4.92	7.08	2.55	1.14	0.89	2.35	42.90
1918	8.36	1.65	1.10	9.08	2.34	3.87	3.09	6.38	0.84	8.54	6.68	4.06	55.99
1919	7.11	8.85	3.59	5.56	11.50	7.34	4.50	7.56	0.78	4.60	5.38	6.38	73.15
1920	5.78	3.78	3.39	3.08	2.65	2.40	9.00	5.69	5.81	2.88	3.07	14.63	62.16
1921	2.94	1.86	15.36	10.16	2.07	4.36	4.90	3.15	2.91	1.15	1.56	3.55	53.97
1922	7.83	6.34	5.69	1.59	5.70	6.10	4.87	4.59	2.60	3.85	2.85	7.87	59.88
1923	3.44	4.69	7.27	7.63	18.32	7.46	5.40	7.70	3.27	1.54	5.58	7.67	79.97
1924	6.34	3.40	2.45	2.65	1.00	5.45	2.05	4.26	0.27	0.04	0.41	5.97	34.29
1925	15.06	4.06	2.36	1.74	1.25	2.88	2.83	2.07	4.71	8.91	1.34	2.07	49.28
1926	8.19	5.15	14.84	5.20	6.59	3.53	2.42	15.83	2.93	5.79	5.18	5.68	81.33
1927	1.47	16.25	4.16	0.92	6.83	6.24	3.01	6.36	2.23	0.74	MMMM	MMMM	
1928	1.25	4.27	3.84	4.30	5.39	10.36	7.47	6.28	3.35	0.51	1.98	3.95	52.95
1929	8.03	6.35	5.33	1.40	6.45	2.64	8.38	3.86	2.56	8.48	12.27	4.79	70.54
1930	9.87	3.36	3.58	0.74	4.57	0.00	3.46	1.41	8.82	2.41	7.18	2.44	47.84
1931	7.26	2.80	3.87	2.63	2.45	1.96	6.25	3.87	MMMM	MMMM	MMMM	MMMM	
1932	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	
1933	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	
1934	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	
1935	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	
1936	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	
1937	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	
1938	MMMM	MMMM	MMMM	MMMM	1.62	2.47	4.21	7.54	1.25	0.24	3.70	3.61	
1939	5.26	4.69	4.75	2.94	9.43	3.57	7.66	2.24	2.97	3.43	0.89	3.57	51.40
1940	2.98	6.52	6.14	7.73	1.31	10.13	10.73	6.27	6.97	0.31	5.40	10.98	75.47
1941	3.69	1.44	4.99	3.17	5.65	6.04	7.13	6.23	4.30	2.98	1.68	6.54	53.84
1942	1.59	5.11	7.11	3.21	4.60	7.34	5.60	6.98	7.41	3.08	1.08	7.50	60.61
1943	3.46	5.64	12.45	2.96	2.38	4.01	7.81	0.50	10.60	1.25	5.10	7.24	63.40
1944	5.16	3.26	6.27	5.16	4.20	1.80	2.62	11.23	6.28	0.72	6.42	4.72	57.84
1945	6.59	5.49	4.38	9.16	2.47	4.49	5.15	4.50	4.47	6.39	1.70	6.00	60.79

1946	5.92	4.11	5.71	1.64	10.88	7.20	7.53	2.42	4.45	1.52	6.19	3.79	61.36
1947	10.88	1.11	9.27	5.79	4.48	4.92	1.53	4.69	3.61	3.24	8.13	7.00	64.65
1948	5.81	4.55	8.30	2.59	3.64	2.94	4.11	1.86	4.59	0.55	12.70	5.12	56.76
1949	5.30	8.17	12.03	MMMM	1.86	9.43	9.28	5.02	3.19	6.82	0.13	3.59	64.82
1950	7.95	5.35	6.67	4.86	3.83	8.25	5.37	2.76	0.43	1.88	1.54	MMMM	
1951	7.49	3.00	9.95	1.99	1.41	5.62	9.34	1.99	3.51	0.42	2.01	8.25	54.98
1952	2.23	6.31	2.83	4.61	6.20	1.16	5.58	5.45	2.45	0.20	6.26	6.07	49.35
1953	3.30	8.02	8.70	7.66	14.14	6.59	7.87	3.43	0.02	0.67	4.23	9.98	74.61
1954	3.54	2.33	2.84	2.92	5.69	2.68	6.37	3.21	5.03	4.64	3.23	4.87	47.35
1955	5.25	7.75	0.85	9.48	3.90	8.94	12.81	8.77	2.32	2.51	2.86	8.01	73.45
1956	2.40	8.15	8.03	2.10	1.11	5.33	4.59	3.76	1.86	1.10	0.80	5.83	45.06
1957	2.64	4.05	6.88	6.50	6.15	9.53	4.75	1.09	10.09	4.11	8.37	3.78	67.94
1958	4.82	3.89	6.23	4.32	3.32	5.80	4.19	6.80	6.48	1.51	1.87	1.59	50.82
1959	6.40	8.13	3.36	5.15	5.73	4.94	8.18	4.84	3.39	4.22	6.99	6.64	67.97
1960	5.87	4.04	2.63	1.48	1.92	1.47	2.68	14.01	0.37	6.34	1.41	5.72	47.94
1961	7.72	9.79	15.07	2.28	2.78	2.78	7.19	3.08	10.44	0.57	8.42	9.37	79.49
1962	10.01	1.93	2.38	12.83	4.76	5.82	2.71	3.47	1.59	1.55	1.06	3.31	51.42
1963	6.90	3.40	2.83	0.45	5.25	5.02	3.81	5.88	2.15	0.02	4.02	4.43	44.16
1964	6.85	4.49	11.61	8.93	2.24	3.55	9.45	3.04	2.52	10.80	6.12	4.54	74.14
1965	1.84	5.85	5.34	0.05	3.08	3.52	4.42	4.15	5.77	1.56	4.14	6.27	45.99
1966	9.10	14.61	2.52	6.32	3.99	2.82	5.93	4.72	3.19	2.84	2.44	1.78	60.26
1967	3.68	4.88	3.38	9.72	8.75	2.44	5.88	6.54	1.93	1.80	0.31	6.96	56.27
1968	3.01	3.50	3.25	3.09	7.63	2.35	5.07	2.99	3.10	2.33	4.38	8.69	49.39
1969	1.40	5.90	6.16	7.42	7.32	0.69	8.69	2.23	2.98	5.41	0.68	6.29	55.17
1970	2.78	2.29	5.19	3.15	3.38	4.95	7.27	4.87	5.31	8.28	2.06	5.99	55.52
1971	3.39	4.40	5.01	1.38	8.97	4.61	6.83	4.32	10.17	0.96	3.77	MMMM	
1972	7.25	2.98	7.05	2.71	7.87	2.57	7.20	2.72	4.71	4.32	5.13	7.67	62.18
1973	4.33	4.32	12.11	10.62	5.26	3.90	5.07	2.87	10.74	1.12	10.76	4.93	76.03
1974	11.84	5.66	3.61	5.71	7.74	6.08	2.81	6.26	3.70	3.73	6.30	5.08	68.52
1975	7.23	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	
1976	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	
1977	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	
1978	MMMM	MMMM	MMMM	2.90	7.75	4.77	2.40	12.99	3.88	0.13	4.90	4.35	
1979	7.10	11.78	3.22	15.67	5.64	0.97	11.89	3.00	5.00	1.18	5.09	4.47	75.01
1980	8.82	2.76	13.35	15.59	9.94	7.21	3.18	4.51	5.52	2.62	7.26	2.60	83.36
1981	1.37	4.22	3.42	0.84	7.29	5.91	7.37	3.98	5.36	3.37	0.66	5.93	49.72
1982	5.78	7.42	3.81	5.45	3.07	3.84	6.40	7.99	1.77	1.77	5.15	16.75	69.20
1983	7.75	8.00	5.14	16.57	6.12	7.06	2.26	7.15	2.87	1.25	5.86	6.74	76.77
1984	3.07	6.47	2.42	2.48	3.11	5.27	3.85	3.93	2.76	15.15	2.19	3.47	54.17
1985	5.90	6.37	4.67	2.89	2.34	2.57	5.13	3.45	5.05	14.79	0.88	5.58	59.62
1986	1.17	3.07	3.33	3.46	7.70	2.53	3.63	4.02	1.90	3.95	8.60	6.59	49.95
1987	10.18	10.30	8.93	1.57	3.56	6.32	3.96	4.36	1.20	1.21	3.36	4.04	58.99
1988	3.17	9.97	9.11	5.84	0.78	3.04	4.52	8.18	10.46	2.86	5.86	8.22	72.01
1989	MMMM	MMMM	5.94	1.43	9.26	12.35	10.18	5.86	5.30	1.75	6.06	7.43	65.56
1990	14.39	7.33	4.25	4.91	5.59	4.01							
# of Months	90	89	90	90	92	93	93	93	92	92	90	88	84
Total Inches	512.1	476.84	516.57	450.87	454.68	441.54	574.8	495	377.19	282.33	340.38	498.03	5011.83
Avg	5.69	5.36	5.74	5.01	4.94	4.75	6.18	5.32	4.10	3.07	3.78	5.66	59.66

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1974								3.02	4.47	4.86	6.87	4.49	
1975	8.87	3.07	5.37	4.78	10.27	10.14	7.77	9.92	6.50	5.82	1.91	3.79	78.21
1976	3.56	2.86	7.49	0.60	3.74	3.61	6.90	2.77	3.62	3.23	5.56	6.14	50.08
1977	6.28	4.31	6.41	8.91	0.59	1.17	5.29	10.33	12.88	3.82	10.97	2.70	73.66
1978	6.85	2.97	3.53	2.15	7.93	3.73	2.33	8.43	3.53	0.19	4.90	4.00	50.54
1979	7.47	10.29	2.84	13.57	5.67	1.39	12.59	2.61	3.60	1.41	5.62	3.80	70.86
1980	8.39	2.63	12.93	16.53	6.81	5.25	3.46	4.80	3.84	2.77	5.66	2.56	75.63
1981	1.37	4.85	3.44	0.98	6.24	4.64	4.86	3.47	3.57	2.95	0.55	7.28	44.20
1982	3.54	7.58	3.42	4.74	5.83	1.98	3.85	9.01	2.06	1.96	4.39	14.16	62.52
1983	7.63	7.17	5.55	14.90	6.47	7.43	3.79	10.03	2.87	1.07	5.04	6.40	78.35
1984	3.46	7.22	1.80	2.47	3.11	4.05	6.67	4.06	4.01	17.07	2.26	2.86	59.04
1985	6.18	6.58	4.54	3.08	2.48	3.70	6.69	4.90	4.05	15.44	0.57	4.06	62.27
1986	1.42	3.41	2.77	2.44	6.00	4.45	5.36	3.79	2.25	4.61	10.23	7.60	54.33
1987	9.36	10.33	7.64	1.77	3.14	8.45	2.35	5.25	1.73	1.10	3.51	3.36	57.99
1988	3.78	10.95	8.29	5.26	1.00	2.43	3.03	6.35	8.60	3.25	8.36	7.51	68.81
1989	4.47	2.42	5.23	1.08	11.93	12.16	6.05	8.28	6.54	2.49	7.41	6.45	74.51
1990	12.65	8.17	4.68	3.81	6.43	4.85	3.46	7.03	1.91	2.67	3.02	6.65	65.33
1991	9.47	7.03	2.47	13.67	12.91	4.30	5.06	6.17	3.01	0.76	2.53	3.90	71.28
1992	MMM	6.61	8.92	1.48	4.25	7.56	3.63	7.27	1.91	1.75	7.85	4.34	
1993	12.78	2.25	5.70	9.61	3.41	6.31	6.26	1.53	1.53	4.32	6.02	4.40	64.12
1994	6.90	3.85	3.00	7.92	8.93	5.96	12.59	2.23	7.05	6.12	1.61	3.32	69.48
1995	8.07	3.04	9.21	10.14	9.40	3.07	3.76	3.70	2.42	2.92	7.42	8.75	71.90
1996	2.29	2.52	4.38	4.31	3.08	4.09	2.31	4.66	4.47	8.44	2.50	1.89	44.94
1997	6.28	9.26	3.39	11.74	4.49	9.46	6.29	3.24	1.15	3.10	4.97	5.85	69.22
1998	11.81	6.63	3.83	7.38	0.43	1.82	2.92	3.20	7.07	2.60	2.91	4.41	55.01
1999	6.63	2.51	9.26	0.20	5.39	4.83	4.17	2.93	3.56	10.03	1.18	3.89	54.58
2000	2.94	1.28	3.02	1.81	1.79	4.82	5.18	MMM	1.85	1.12	9.15	2.52	
2001	6.15	4.83	11.79	0.75	1.36	14.89	6.23	5.33	3.84	4.96	1.64	4.05	65.82
2002	3.99	2.99	6.55	4.19	3.17	5.45	3.45	11.75	9.55	8.82	MMM	6.20	
# of Months	27	28	28	28	28	28	28	28	29	29	28	29	25.00
Total Rain	172.59	147.61	157.45	160.27	146.25	151.99	146.3	156.06	123.44	129.65	134.61	147.33	1592.68
Avg	6.39	5.27	5.62	5.72	5.22	5.43	5.23	5.57	4.26	4.47	4.81	5.08	63.71

Covington	2151												
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual Sum
1891													
1892								2.64	1.52	2.38	3.83		
1893	MMM	MMM	MMM	MMM	7.05	6.80	4.92	3.08	9.48	3.24	6.12	2.16	
1894	2.57	12.48	4.26	3.67	1.78	4.11	7.54	8.34	3.65	0.16	1.72	3.10	53.38
1895	7.86	5.41	6.97	2.33	4.01	5.40	8.35	8.84	3.31	2.77	1.34	MMM	
1896	1.54	5.16	MMM	0.88	1.92	7.04	3.36	4.05	3.78	4.17	6.53	MMM	
1897	7.70	MMM	MMM	7.74	3.27	3.44	3.30	8.55	1.27	1.35	1.32	MMM	
1898	MMM	MMM	MMM	2.39	0.94	7.21	7.13	13.76	14.65	3.49	MMM	MMM	
1899	MMM	MMM	MMM	1.70	0.07	8.53	5.58	9.73	2.90	0.30	MMM	MMM	
1900	MMM	MMM	MMM	MMM	3.06	14.18	6.25	7.48	2.47	5.84	1.20	6.41	
1901	4.73	5.38	3.79	8.29	0.85	4.73	10.80	10.61	1.32	5.19	4.11	5.07	64.87
1902	2.27	4.89	4.72	3.44	1.72	1.10	5.95	4.39	3.42	2.03	4.08	6.75	44.76
1903	7.64	8.16	8.09	0.17	1.66	7.48	8.91	5.91	1.30	0.94	0.62	3.75	54.63
1904	2.45	4.30	2.36	1.73	4.65	3.00	8.80	7.14	4.31	0.26	1.13	2.51	42.64
1905	8.40	9.44	10.44	12.03	5.37	5.89	14.57	5.71	5.13	10.06	3.76	6.50	97.30
1906	2.89	3.94	10.84	1.76	5.86	1.13	7.35	4.01	6.09	0.50	1.48	4.03	49.88
1907	1.71	3.54	3.94	10.07	15.08	2.79	4.83	5.57	1.91	1.73	5.91	6.62	63.70
1908	4.45	4.13	1.67	7.13	9.00	5.33	14.97	4.28	9.17	0.68	0.22	1.29	62.32
1909	3.16	4.27	7.22	5.28	8.73	6.77	4.66	6.19	5.94	2.48	0.53	9.53	64.76
1910	2.39	5.34	0.45	0.57	4.05	4.77	7.16	5.74	3.88	5.03	3.47	3.52	46.37
1911	2.24	1.67	2.53	6.41	3.65	5.05	8.81	7.37	3.51	1.52	4.07	7.04	53.87
1912	4.98	5.39	7.43	15.74	12.58	4.12	13.46	6.45	5.99	1.52	2.89	11.85	92.40
1913	6.59	4.26	8.72	9.35	5.22	2.54	6.12	2.77	10.22	4.92	3.97	2.83	67.51
1914	1.58	5.28	8.10	4.45	1.15	2.29	5.92	4.08	5.39	2.59	4.25	5.05	50.13
1915	6.97	7.70	2.04	0.00	3.87	3.60	10.77	4.98	MMM	6.63	3.50	3.21	
1916	9.07	2.33	1.62	4.15	9.49	5.96	18.10	4.48	3.21	1.85	2.20	6.22	68.68
1917	8.49	5.59	6.35	3.09	1.05	1.43	8.64	4.67	4.35	1.55	1.03	3.23	49.47
1918	4.90	1.99	1.58	7.24	2.36	3.76	8.27	11.03	1.57	10.93	3.01	7.98	64.62
1919	7.43	7.36	5.55	8.50	10.16	9.29	8.16	3.05	2.18	10.02	9.14	2.89	83.73
1920	6.35	7.45	3.24	4.59	6.40	MMM	8.58	10.40	6.45	2.40	3.20	7.57	
1921	2.12	1.97	6.10	5.96	1.82	3.68	7.73	3.70	6.78	6.00	2.79	5.56	54.21
1922	6.23	2.62	12.96	3.89	4.57	3.48	8.13	5.65	1.34	3.49	2.23	6.55	61.14
1923	3.17	4.57	3.92	4.32	12.89	7.02	11.85	10.09	2.34	4.64	8.54	8.48	81.83
1924	7.66	2.78	3.03	2.56	4.02	2.26	3.44	2.59	2.69	0.98	0.03	6.45	38.49
1925	8.74	5.08	0.81	1.78	5.45	6.20	3.83	1.60	6.16	6.95	2.07	4.63	53.30
1926	8.50	4.62	10.14	6.97	4.38	3.93	5.07	10.67	2.30	8.90	4.88	2.49	72.85
1927	0.65	9.44	8.51	4.79	6.50	5.67	5.87	5.42	0.67	1.89	3.02	5.98	58.41
1928	0.66	5.99	4.00	5.28	4.84	14.97	7.65	4.92	6.01	3.70	2.22	4.50	64.74
1929	9.25	8.99	7.05	3.48	4.39	5.30	4.18	5.63	6.06	3.26	MMM	MMM	
1930	6.08	MMM	4.77	1.09	2.94	0.79	7.60	3.75	9.84	4.45	MMM	2.08	
1931	5.62	3.08	5.20	1.54	4.74	4.55	11.53	4.72	1.41	3.67	4.23	13.58	63.87
1932	9.20	5.34	2.14	4.97	9.12	2.96	7.32	7.10	6.52	6.14	5.42	4.57	70.80
1933	2.54	7.64	4.50	10.18	4.79	3.66	6.83	5.41	1.70	1.29	1.35	3.38	53.27
1934	5.21	5.07	6.22	4.61	4.70	4.95	5.52	7.61	3.12	4.49	6.80	3.19	61.49
1935	2.48	7.01	8.92	10.44	9.00	3.36	5.48	3.71	3.10	0.74	2.03	7.83	64.10
1936	6.75	4.75	2.13	5.96	3.92	0.00	5.27	8.30	4.73	1.46	1.79	4.21	49.27
1937	4.95	1.43	7.87	3.52	3.38	6.98	6.97	7.18	1.92	16.34	2.14	3.35	66.03
1938	4.00	3.14	5.61	3.58	0.80	5.98	8.90	15.04	5.16	0.64	2.76	2.90	58.51
1939	2.04	5.14	1.78	1.65	5.96	4.02	6.22	7.06	1.88	0.70	1.57	2.45	40.47
1940	2.65	10.52	3.35	9.61	1.35	8.68	7.44	2.16	6.06	1.10	4.50	8.94	66.36
1941	3.81	2.17	4.70	1.12	2.41	3.58	8.02	6.07	4.29	6.82	2.19	5.48	50.66
1942	6.78	5.62	4.67	0.70	5.12	7.33	3.65	7.79	7.38	2.72	0.88	6.50	59.14
1943	1.94	1.67	9.13	0.95	6.98	9.60	3.10	5.39	11.61	0.52	3.36	4.37	58.62
1944	6.33	3.11	5.68	5.58	6.41	4.40	8.90	7.16	5.10	1.89	8.19	3.06	65.81
1945	5.58	7.16	2.82	8.93	3.92	4.87	10.60	5.47	6.07	4.19	1.65	7.41	68.67
1946	5.65	3.84	12.95	6.43	15.68	13.41	6.52	6.74	7.47	0.96	5.16	3.54	88.35
1947	9.27	1.21	19.24	7.50	8.53	5.42	1.65	3.50	6.93	4.37	11.25	8.61	87.48
1948	7.29	2.96	14.71	2.28	4.40	3.88	4.47	6.54	16.29	1.26	13.24	7.36	84.68
1949	2.55	3.65	9.53	13.03	3.97	MMM	12.03	4.11	5.15	4.06	0.40	3.30	
1950	3.19	8.12	2.93	2.48	1.38	5.04	7.35	4.65	3.60	1.47	1.37	6.71	48.29
1951	3.94	3.77	14.34	7.36	1.20	5.03	MMM	MMM	MMM	MMM	2.86	3.58	

1952	1.62	6.99	3.44	6.53	MMM	1.46	5.84	6.19	5.66	0.00	3.77	7.41	
1953	MMM	7.55	4.72	6.36	2.77	7.00	9.28	7.62	0.39	0.31	6.21	18.02	
1954	2.59	2.37	3.02	5.76	5.08	1.83	9.80	1.50	7.76	8.20	2.15	6.44	56.50
1955	5.73	4.25	0.20	8.06	3.46	1.80	5.96	4.19	MMM	MMM	3.81	3.49	
1956	6.08	6.96	5.13	MMM	3.99	12.43	4.29	2.38	4.84	3.16	2.04	5.41	56.71
1957	1.06	3.23	4.68	3.60	1.37	9.76	6.30	4.20	10.42	2.75	9.25	3.95	60.57
1958	5.61	3.37	9.23	2.28	10.23	5.23	3.62	6.46	7.90	1.06	1.02	1.60	57.61
1959	3.93	9.36	4.04	4.46	11.45	3.58	10.59	2.70	1.61	7.09	3.56	3.15	65.52
1960	4.84	4.83	2.41	5.09	3.52	0.81	7.62	10.39	2.74	1.74	0.66	5.49	50.14
1961	6.47	11.94	10.34	5.49	3.47	7.03	3.70	6.19	11.96	0.88	12.76	16.63	96.86
1962	6.06	3.06	4.84	2.23	2.98	7.85	5.61	2.58	1.17	3.96	0.92	3.74	45.00
1963	5.39	4.25	2.53	1.07	2.15	4.90	5.57	4.68	MMM	0.26	5.25	5.87	
1964	7.06	5.23	7.20	10.43	4.18	3.50	8.25	6.72	2.47	3.22	6.02	4.79	69.07
1965	6.24	6.80	3.61	0.47	1.28	5.05	4.61	7.65	6.04	1.49	1.93	4.50	49.67
1966	11.81	16.86	2.77	4.46	7.48	3.85	3.26	5.07	5.62	2.38	1.91	4.52	69.99
1967	4.29	5.05	1.18	6.60	4.68	3.26	2.92	5.90	5.47	2.38	1.69	8.54	51.96
1968	1.12	2.26	4.77	3.33	1.41	5.13	4.98	3.43	2.95	2.67	4.27	8.15	44.47
1969	2.40	4.37	6.46	6.92	4.79	0.74	13.77	7.01	3.32	8.78	1.36	3.76	63.68
1970	2.66	4.07	6.09	2.25	4.94	10.48	6.23	10.94	2.80	5.17	2.66	5.97	64.26
1971	1.69	7.43	5.75	1.08	4.14	4.12	8.15	3.41	12.78	0.14	2.52	8.27	59.48
1972	11.96	5.73	7.52	1.84	8.43	7.61	2.39	3.75	3.61	3.12	8.00	11.20	75.16
1973	4.11	3.87	8.34	10.49	4.37	4.74	8.85	3.74	7.91	2.36	4.89	8.21	71.88
1974	6.81	5.61	8.47	10.18	9.40	0.61	10.89	1.66	3.54	2.99	6.33	3.66	70.15
1975	5.34	1.48	8.26	7.67	10.07	8.36	7.91	7.13	8.66	3.00	4.01	3.61	75.50
1976	2.46	2.91	4.20	0.64	5.12	2.75	5.63	2.48	1.75	5.63	5.33	5.21	44.11
1977	5.11	3.35	6.16	6.14	3.00	0.69	6.88	15.09	7.82	7.36	6.97	3.85	72.42
1978	7.73	2.22	3.76	2.95	9.82	4.20	6.69	5.69	0.96	0.00	3.64	3.54	51.20
1979	4.56	8.92	4.49	8.63	4.44	1.47	10.33	1.99	7.63	1.68	4.28	2.75	61.17
1980	4.50	1.37	13.47	14.12	11.67	3.94	4.03	0.72	7.40	4.79	3.59	1.47	71.07
1981	0.77	10.00	4.59	1.26	6.24	5.35	4.89	4.07	2.38	2.07	2.24	7.73	51.59
1982	4.18	7.95	4.63	4.86	1.16	6.19	9.84	11.75	1.85	2.55	4.04	9.64	68.64
1983	3.86	9.34	6.73	11.02	5.61	4.24	2.82	6.95	7.54	2.36	4.31	12.23	77.01
1984	3.79	6.85	2.82	1.45	2.99	6.15	6.03	9.71	3.68	5.47	2.23	3.76	54.93
1985	5.89	5.12	5.05	2.02	4.43	3.11	7.60	4.33	5.49	9.19	1.88	4.97	59.08
1986	2.29	2.94	3.69	2.50	5.38	5.41	2.87	3.41	2.79	4.63	11.60	4.84	52.35
1987	7.46	9.24	5.85	1.55	5.55	9.13	4.98	7.95	2.17	0.51	4.71	2.14	61.24
1988	3.30	12.06	9.44	6.59	2.42	1.66	9.31	11.40	11.43	2.17	2.53	5.86	78.17
1989	3.82	1.21	6.22	1.50	4.54	8.05	10.57	4.53	3.83	1.46	9.06	8.28	63.07
1990	7.61	11.28	8.50	2.61	3.50	MMM	5.41	4.88	2.71	1.80	3.55	2.86	
1991	12.25	5.91	5.98	8.89	11.12	7.52	4.01	5.90	1.83	1.87	2.36	2.03	69.67
1992	11.27	7.83	5.15	2.99	2.13	11.65	3.87	10.08	4.33	1.69	10.14	5.34	76.47
1993	10.54	3.35	7.81	7.18	5.50	5.04	8.13	5.12	0.90	5.33	2.64	3.24	64.78
1994	4.71	2.79	5.07	5.50	4.63	6.05	10.81	2.79	3.58	4.42	2.30	3.46	56.11
1995	4.50	5.53	8.96	9.44	14.15	1.49	7.08	2.61	0.37	3.56	7.60	4.93	70.22
1996	2.82	2.47	7.06	9.78	3.25	5.44	4.48	5.29	3.16	5.39	1.89	4.58	55.61
1997	5.84	9.62	3.97	7.71	7.03	7.10	6.88	4.62	0.31	5.94	8.25	3.82	71.09
1998	16.44	5.26	11.10	5.26	0.10	1.78	10.94	2.74	13.97	1.69	4.02	2.68	75.98
1999	2.76	0.93	5.85	0.15	6.38	2.89	5.56	2.84	4.32	8.26	0.43	6.46	46.83
2000	3.42	0.82	3.22	3.38	0.32	4.48	1.43	2.04	4.24	0.20	13.95	3.76	41.26
2001	3.84	2.50	7.91	0.35	1.82	22.55	10.25	5.66	2.16	3.90	2.22	4.41	67.57
2002	4.17	2.50	7.18	2.93	1.48	4.74	6.28	10.21	13.40	15.55	7.29	7.20	82.93
# of Months	105	103	103	107	109	107	109	110	107	109	107	104	92
Total Rain	537.95	549.11	615.48	533.29	543.98	562.94	772.37	645.37	523.67	382.2	423.59	567.57	5764.61
Avg	5.12	5.33	5.98	4.98	4.99	5.26	7.09	5.87	4.89	3.51	3.96	5.46	62.66

Denham Springs	LA- 2350												
													Annual
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Sum
1978		2.84	2.43	2.88	8.63	3.42	4.52	8.93	2.92	0.00	5.80	1.44	
1979	6.92	8.85	3.94	15.76	7.18	0.85	12.15	5.33	3.62	1.17	5.33	3.12	74.22
1980	3.74	0.92	12.08	13.62	8.35	5.71	5.43	3.20	6.20	4.50	4.16	1.48	69.39
1981	1.42	7.69	2.94	1.46	7.35	5.58	7.18	2.02	2.24	1.61	1.41	6.46	47.36
1982	4.01	6.03	2.99	5.66	1.80	3.42	12.45	5.27	1.45	2.33	2.41	11.99	59.81
1983	6.20	8.29	5.90	14.12	6.82	6.52	2.86	19.24	5.86	1.29	3.71	6.38	87.19
1984	3.51	5.80	1.18	2.49	3.71	2.77	2.93	6.66	1.02	11.16	1.35	2.34	44.92
1985	6.03	5.08	5.86	2.89	1.65	4.55	11.54	9.72	6.11	10.92	0.53	3.97	68.85
1986	1.98	5.57	3.37	3.71	3.68	12.44	4.68	5.20	1.72	4.99	11.44	5.59	64.37
1987	8.65	8.07	5.32	1.73	4.03	10.62	8.25	9.55	1.32	0.84	3.37	1.85	63.60
1988	3.61	11.87	8.97	2.38	2.00	2.70	5.29	7.49	5.20	1.99	4.53	6.63	62.66
1989	3.31	1.24	6.11	2.37	11.62	12.70	5.61	5.12	3.98	2.08	8.95	7.48	70.57
1990	8.76	7.91	8.34	2.77	3.29	5.51	3.74	4.79	5.04	3.54	3.18	4.36	61.23
1991	7.02	5.82	4.37	8.45	13.81	7.19	4.23	11.57	1.92	10.95	1.49	1.94	78.76
1992	10.38	11.46	7.51	3.11	3.72	6.63	11.16	12.78	5.45	1.10	9.03	5.51	87.84
1993	13.55	3.12	5.85	9.41	2.31	4.24	2.55	5.56	1.74	5.86	3.84	4.91	62.94
1994	7.55	4.48	4.67	6.99	7.99	5.90	5.96	3.30	4.62	3.84	1.15	3.20	59.65
1995	5.97	2.85	12.59	8.59	8.06	3.26	3.76	5.56	1.94	6.91	7.67	7.66	74.82
1996	4.73	3.75	5.99	5.27	2.36	8.29	1.66	7.82	8.71	11.86	2.69	2.47	65.60
1997	4.86	7.85	2.93	7.60	6.46	10.55	5.89	6.79	0.82	4.00	8.34	4.13	70.22
1998	14.27	5.27	4.98	3.38	0.12	1.96	6.23	4.46	13.67	1.10	1.96	2.61	60.01
1999	3.65	1.57	3.15	0.22	2.69	3.94	5.62	2.57	4.62	9.96	1.11	5.07	44.17
2000	3.14	1.32	2.91	2.15	4.43	2.35	2.28	5.52	4.24	0.55	11.53	4.09	44.51
2001	3.15	0.86	8.95	0.64	0.30	20.54	5.37	4.39	6.42	4.83	1.45	3.49	60.39
2002	3.69	2.51	6.96	6.26	2.15	4.72	7.77	2.77	7.71	8.87	2.66	6.22	62.29
# of Mo	24	25	25	25	25	25	25	25	25	25	25	25	24
Total	140.1	131.02	140.29	133.91	124.51	156.36	149.11	165.61	108.54	116.25	109.09	114.39	1545.37
AVG	5.84	5.24	5.61	5.36	4.98	6.25	5.96	6.62	4.34	4.65	4.36	4.58	64.39

Donaldsonville		2534											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1888	3.36	11.63	5.66	MMMM	MMMM	MMMM	MMMM	15.83	MMMM	4.64	1.83	2.56	
1889	6.40	3.10	5.40	1.47	1.00	5.17	5.20	3.64	0.94	0.15	3.30	1.45	37.22
1890	1.46	3.16	MMMM	4.87	6.62	5.33	7.66	10.27	1.26	MMMM	MMMM	MMMM	
1891	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	MMMM	0.92	MMMM	3.44	
1892	6.60	0.10	2.69	8.24	3.35	8.73	4.27	4.84	3.50	3.87	3.77	6.04	56.00
1893	2.33	1.34	3.97	1.71	7.30	8.67	2.60	2.38	11.39	0.73	8.25	2.87	53.54
1894	1.95	10.15	7.98	3.52	1.85	4.34	5.98	4.94	3.88	0.75	1.32	3.55	50.21
1895	6.83	5.67	5.61	1.57	9.00	5.29	5.67	7.69	1.08	2.89	1.35	5.18	57.83
1896	2.13	4.51	4.25	5.18	3.69	9.87	1.17	4.16	2.62	6.25	7.48	1.44	52.75
1897	4.07	9.92	6.96	11.08	1.10	3.44	5.39	7.90	2.41	1.90	5.08	8.03	67.28
1898	5.83	6.20	0.55	3.40	0.43	9.89	5.80	5.95	14.20	3.45	13.03	5.65	74.38
1899	6.15	4.15	0.72	3.70	0.05	7.95	3.85	3.73	1.80	0.60	2.40	4.55	39.65
1900	3.10	9.30	8.38	7.77	5.85	9.43	8.20	8.25	2.95	4.90	0.85	10.45	79.43
1901	2.50	6.30	3.60	8.75	0.95	3.09	3.76	6.65	3.83	1.90	2.22	6.55	50.10
1902	3.27	3.80	4.70	4.90	3.75	1.10	6.35	2.75	5.20	4.62	4.96	4.20	49.60
1903	7.09	10.19	6.55	0.93	3.58	2.97	2.76	4.59	1.60	1.90	0.65	5.11	47.92
1904	4.58	1.86	4.39	3.30	2.78	4.89	5.51	5.78	7.25	0.38	0.37	2.80	43.89
1905	7.29	8.88	8.61	6.12	7.23	7.05	8.65	3.78	6.63	4.88	4.55	5.95	79.62
1906	4.15	3.73	5.92	2.40	1.65	2.51	10.16	2.76	2.69	2.86	0.40	3.11	42.34
1907	1.47	8.47	1.03	5.70	16.80	3.27	5.01	3.96	2.32	8.46	4.96	5.50	66.95
1908	4.05	2.69	1.25	1.53	3.98	5.56	15.41	6.11	6.58	1.35	0.45	1.43	50.39
1909	4.21	2.69	5.98	6.33	3.73	11.25	4.58	7.40	5.00	1.40	3.15	8.20	63.92
1910	3.95	5.40	0.60	1.13	3.03	10.42	5.16	4.75	10.37	3.55	5.90	7.50	61.76
1911	7.40	1.90	5.40	12.45	3.72	6.82	7.36	14.25	3.24	4.46	2.92	5.70	75.62
1912	5.32	2.95	8.29	3.80	6.31	6.72	5.62	6.75	2.82	1.06	1.08	14.02	64.74
1913	4.72	2.85	4.10	2.25	4.49	2.26	9.68	2.86	5.78	5.98	1.10	2.66	48.73
1914	1.28	5.80	7.40	3.91	2.96	0.56	15.67	7.51	2.99	2.20	5.04	4.11	59.43
1915	6.71	6.32	2.73	0.11	3.72	1.42	6.23	5.25	5.21	8.97	1.22	3.49	51.38
1916	5.90	3.36	1.35	4.82	12.06	3.76	8.99	6.04	4.50	5.06	0.71	4.96	61.51
1917	8.84	4.91	4.11	6.28	1.09	1.07	4.56	8.20	4.18	1.21	1.19	2.86	48.50
1918	5.05	2.86	3.48	6.24	0.91	5.52	4.07	7.12	3.70	9.21	4.45	6.77	59.38
1919	7.26	5.99	5.59	6.92	8.26	4.96	4.95	3.64	2.17	6.00	9.39	2.61	67.74
1920	6.58	5.59	2.24	3.81	2.45	5.06	11.45	4.03	5.97	2.36	4.08	11.62	65.24
1921	2.29	1.83	3.90	4.70	2.77	4.20	4.53	6.66	2.04	4.54	5.52	4.37	47.35
1922	4.60	4.24	7.57	4.42	7.99	5.09	8.50	10.21	3.59	3.85	4.34	7.42	71.82
1923	3.36	2.86	4.61	3.55	6.59	6.06	11.53	6.28	5.03	1.77	7.78	5.07	64.49
1924	8.13	4.91	2.47	2.75	4.76	3.19	1.40	3.72	0.41	0.08	0.70	5.85	38.37
1925	5.96	2.77	1.51	0.44	3.12	5.48	7.13	5.38	5.05	7.93	2.98	4.83	52.58
1926	9.51	2.49	10.89	8.16	7.00	5.42	5.17	17.93	4.12	6.83	3.76	2.87	84.15
1927	1.29	3.82	8.58	4.20	2.05	4.02	5.18	5.06	3.08	4.32	5.48	5.85	52.93
1928	0.30	5.24	4.80	5.97	4.96	16.45	3.68	7.88	4.59	1.29	1.59	4.81	61.56
1929	8.33	7.10	5.53	2.16	10.92	4.57	13.19	5.25	5.49	4.85	17.27	4.39	89.05
1930	7.37	3.36	2.79	2.84	1.95	0.05	5.85	6.42	10.71	6.07	5.45	2.48	55.34
1931	5.11	4.11	4.37	1.74	2.40	4.49	4.70	5.07	5.08	4.19	5.27	7.58	54.11
1932	8.44	4.02	2.94	3.89	9.56	2.60	5.86	5.91	3.67	7.89	4.72	5.84	65.34
1933	2.34	7.00	5.18	10.24	4.12	1.65	5.70	4.25	1.65	1.52	3.09	4.09	50.83
1934	6.61	7.07	4.16	3.19	5.70	7.25	5.44	8.42	1.80	4.26	7.92	2.72	64.54
1935	2.82	7.91	7.44	10.29	1.55	6.91	6.21	5.19	3.22	0.47	3.03	5.25	60.29
1936	5.84	5.73	1.57	7.26	7.94	0.11	6.50	5.73	3.03	0.92	2.40	3.63	50.66
1937	5.87	2.24	6.96	4.16	3.63	4.57	3.47	6.63	3.40	7.22	1.56	3.68	53.39
1938	7.21	4.72	0.98	3.93	1.34	4.60	6.13	3.11	3.11	2.99	2.35	4.10	44.57
1939	2.75	3.74	1.13	2.22	6.83	3.94	4.88	7.20	5.22	0.93	4.77	2.25	45.86
1940	3.75	10.74	5.00	9.18	1.60	10.05	3.98	11.29	4.89	0.33	4.00	10.05	74.86
1941	3.46	3.06	5.25	1.41	6.93	9.66	7.82	3.39	7.88	7.03	3.02	3.14	62.05
1942	2.97	7.86	5.59	1.22	3.46	9.79	5.05	5.24	9.03	6.35	0.63	5.71	62.90
1943	2.34	1.53	11.68	2.33	2.99	5.58	2.55	5.02	19.55	0.57	5.02	3.98	63.14
1944	8.14	5.87	5.50	6.48	8.16	3.78	2.57	7.05	3.78	0.96	9.61	2.50	64.40
1945	7.22	5.70	2.16	3.69	5.43	1.66	9.46	8.56	5.59	3.90	1.85	4.63	59.85

1946	6.64	3.50	8.93	2.63	11.91	10.69	4.51	4.29	5.13	1.73	8.15	4.35	72.46
1947	6.97	0.66	12.99	7.18	4.63	1.85	0.88	6.53	4.64	1.09	13.79	8.37	69.58
1948	7.20	2.59	8.08	2.15	1.07	2.38	6.61	2.21	10.83	0.03	12.73	6.03	61.91
1949	1.73	2.96	8.31	6.41	1.09	4.39	9.10	6.83	8.02	3.87	0.34	4.75	57.80
1950	4.20	4.22	5.29	8.21	5.30	6.72	5.91	1.35	0.06	0.95	1.15	7.46	50.82
1951	5.72	2.59	6.18	4.29	6.25	0.67	5.46	3.88	7.43	0.45	4.34	4.43	51.69
1952	1.22	8.28	3.47	7.06	14.19	1.10	10.95	6.73	2.76	0.00	3.81	5.79	65.36
1953	3.67	5.76	5.74	5.87	4.88	4.54	5.94	6.14	0.65	1.17	6.47	12.65	63.48
1954	5.82	1.43	1.22	4.03	7.39	2.55	11.99	1.95	4.52	4.49	2.17	3.40	50.96
1955	6.92	3.10	0.00	8.09	4.00	1.65	11.11	5.81	6.75	2.94	3.60	3.70	57.67
1956	2.95	10.27	4.11	3.25	6.18	6.69	6.99	5.92	7.41	3.79	3.76	7.50	68.82
1957	0.82	6.22	8.20	7.31	5.05	9.03	2.87	6.68	7.36	3.42	5.98	6.39	69.33
1958	7.81	3.68	4.63	5.51	7.73	4.78	8.00	6.87	10.38	1.20	1.43	2.00	64.02
1959	3.22	10.05	2.23	2.91	13.22	3.92	11.81	8.07	1.62	5.05	1.35	4.10	67.55
1960	2.92	6.00	2.11	7.99	5.15	1.09	4.03	6.83	3.42	2.27	1.57	3.75	47.13
1961	4.58	10.15	9.48	2.57	2.23	5.77	6.96	10.74	9.26	2.89	16.82	11.70	93.15
1962	6.09	0.30	4.54	3.78	0.10	6.87	5.41	7.46	6.61	3.20	1.22	5.97	51.55
1963	4.28	3.40	2.15	1.52	4.15	6.97	7.61	5.12	5.10	0.00	8.58	5.43	54.31
1964	11.44	7.69	6.47	4.89	3.68	6.16	12.30	4.42	2.96	8.84	3.10	4.65	76.60
1965	1.28	7.41	MMM	2.04	4.10	0.53	8.10	5.68	7.92	0.92	1.15	8.68	
1966	10.97	13.85	1.54	3.88	5.72	1.75	11.45	6.41	4.16	3.73	0.96	3.20	67.62
1967	4.92	6.04	2.49	1.25	6.64	3.50	7.87	9.57	2.26	3.37	0.30	9.83	58.04
1968	1.98	MMM	MMM	2.10	5.03	1.64	8.10	5.96	0.87	1.71	5.79	6.43	39.61
1969	1.85	3.26	6.28	6.16	5.51	1.45	4.83	MMM	1.27	1.22	0.54	5.71	
1970	2.39	1.60	5.48	1.05	5.11	1.45	3.81	2.76	5.50	4.99	1.79	4.55	40.48
1971	1.04	4.07	2.91	2.15	2.59	5.14	9.56	3.20	9.28	2.66	MMM	13.62	
1972	8.72	3.98	MMM	1.73	5.02	0.31	5.62	5.35	4.44	2.40	5.07	5.72	
1973	MMM	MMM	MMM	9.10	2.59	3.91	4.77	5.48	10.69	2.75	4.85	7.22	
1974	5.88	2.99	8.38	4.83	5.32	2.14	5.22	11.34	4.32	0.94	4.61	4.09	60.06
1975	3.71	1.30	6.82	8.23	MMM	11.04	7.37	8.12	4.17	1.60	4.32	6.45	
1976	3.47	3.47	4.09	0.28	4.53	1.05	8.95	3.63	1.63	3.32	5.75	8.17	48.34
1977	4.90	2.06	2.52	10.53	0.89	3.26	5.22	15.65	9.45	5.71	9.75	3.83	73.77
1978	9.01	2.35	3.13	3.65	6.13	6.96	6.17	5.31	6.21	0.00	5.40	1.91	56.23
1979	4.97	9.88	3.75	11.38	4.42	0.33	11.10	2.37	3.60	1.87	4.25	2.57	60.49
1980	5.23	0.62	12.13	12.78	7.73	3.29	6.60	4.86	10.46	3.68	5.41	1.96	74.75
1981	1.36	7.98	1.64	1.45	5.07	8.77	5.04	4.58	3.39	1.10	1.05	5.70	47.13
1982	2.52	5.48	1.32	5.18	1.14	5.02	6.96	5.35	5.61	4.26	3.25	10.19	56.28
1983	4.38	11.93	5.05	10.13	2.97	7.68	2.41	8.16	6.77	2.25	2.40	7.12	71.25
1984	4.31	5.12	2.18	0.60	3.20	7.81	6.17	6.35	2.82	5.78	1.50	3.65	49.49
1985	5.69	4.78	5.44	1.61	1.22	3.33	8.27	6.58	3.83	13.82	0.41	5.40	60.38
1986	2.66	2.34	2.70	2.00	5.58	7.40	5.83	7.06	3.75	4.35	6.24	6.31	56.22
1987	6.46	9.33	3.59	2.98	9.92	13.10	6.93	7.70	1.66	1.26	4.10	2.56	69.59
1988	2.77	14.93	14.12	5.69	1.49	4.15	6.55	5.42	9.41	5.56	1.41	3.72	75.22
1989	3.55	0.26	2.49	1.56	4.00	10.86	6.19	3.17	5.95	1.84	9.15	4.99	54.01
1990	6.42	7.51	10.63	3.67	3.24	4.89	4.51	5.25	2.00	2.84	4.21	5.62	60.79
1991	12.35	4.88	4.29	15.27	19.15	3.99	5.47	3.75	9.51	4.23	2.12	1.15	86.16
1992	15.57	9.65	3.38	5.27	3.67	8.49	10.81	11.82	2.22	2.04	11.67	4.91	89.50
1993	7.62	2.80	4.70	10.93	3.66	8.13	7.67	2.46	3.15	5.45	3.12	3.74	63.43
1994	4.03	1.31	2.44	5.22	3.79	4.96	10.69	1.69	6.23	2.69	1.92	3.06	48.03
1995	4.73	1.81	13.49	6.02	8.96	2.80	4.74	4.61	2.89	6.32	7.42	3.44	67.23
1996	3.50	1.49	2.29	2.86	1.69	4.81	5.80	8.56	3.26	11.35	3.49	6.36	55.46
1997	5.38	5.99	2.43	6.96	8.33	10.63	7.90	2.35	1.51	2.68	5.67	3.45	63.28
1998	18.86	4.82	4.62	2.31	0.00	2.69	4.54	3.69	15.75	3.29	2.46	2.05	65.08
1999	4.66	1.64	3.33	0.75	3.80	8.25	5.79	2.18	4.36	8.84	1.06	4.91	49.57
2000	2.95	0.62	4.59	0.41	0.33	5.54	1.60	4.35	6.50	0.84	14.01	2.34	44.08
2001	4.65	2.48	10.84	1.29	1.30	24.26	5.85	6.93	3.04	5.29	1.00	2.31	69.24
2002	3.97	1.44	6.10	4.51	0.84	9.64	6.14	5.16	8.67	12.95	6.46	7.10	72.98
# of Months	113	112	109	113	112	113	113	113	113	114	112	114	106
Total Inches	570.75	550.01	537.36	528.07	530.32	602.31	737.24	681.3	566.49	397.2	475.98	587.89	6369.46
Avg	5.05	4.91	4.93	4.67	4.74	5.33	6.52	6.03	5.01	3.48	4.25	5.16	60.09

Franklin	3313												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1892				4.13	4.37	13.87	13.88	5.00	1.00	2.04	2.20	4.20	
1893	1.89	1.48	2.30	2.70	6.25	4.44	MMM	7.49	14.01	0.48	8.82	1.69	
1894	1.83	8.09	5.07	3.10	4.14	9.05	8.56	11.11	3.36	0.44	1.60	2.59	58.94
1895	5.90	6.90	3.78	5.72	2.42	4.07	11.27	6.30	2.64	4.85	3.59	6.06	63.5
1896	2.32	8.40	2.81	2.14	3.75	8.26	4.64	5.44	1.98	2.73	8.42	2.42	53.31
1897	5.54	4.99	4.84	7.26	4.23	1.40	5.26	7.18	4.04	2.71	4.01	8.25	59.71
1898	5.73	8.13	1.23	1.23	0.09	9.85	6.38	11.60	17.46	8.40	7.73	5.05	82.88
1899	3.41	4.13	1.29	4.13	0.02	7.05	5.81	6.44	3.69	2.25	3.52	7.21	48.95
1900	3.39	5.06	7.14	11.06	7.50	8.10	9.57	11.26	3.15	6.75	0.72	5.81	79.51
1901	2.91	6.23	2.80	6.03	1.19	4.30	12.95	10.20	2.31	1.07	4.52	4.95	59.46
1902	1.57	2.17	4.78	5.65	5.98	1.52	4.55	7.36	6.43	2.16	4.06	5.59	51.82
1903	6.66	7.96	6.13	1.44	1.57	4.79	1.79	5.44	3.5	1.10	0.40	4.15	44.93
1904	2.75	1.20	3.96	1.85	2.50	3.03	10.06	6.01	2.66	0.27	0.87	2.76	37.92
1905	4.72	9.29	7.00	9.51	6.52	11.70	11.50	8.59	8.88	3.89	3.97	5.33	90.9
1906	2.60	4.34	3.09	3.79	3.39	2.69	13.84	4.49	5.69	5.00	0.65	1.69	51.26
1907	1.74	2.59	0.86	4.19	15.29	1.47	6.61	9.46	4.21	7.47	6.79	4.87	65.55
1908	3.42	3.1	1.81	1.62	1.40	3.18	29.28	7.38	14.21	0.60	1.06	1.66	68.72
1909	2.19	2.94	2.53	6.22	1.70	11.62	8.29	7.24	7.46	1.98	1.53	6.63	60.33
1910	2.91	4.28	0.75	0.25	4.88	8.57	10.89	5.29	2.68	5.20	2.69	2.95	51.34
1911	2.74	0.95	2.98	3.88	3.37	8.71	14.33	18.79	7.57	4.71	3.83	6.44	78.3
1912	3.73	5.10	4.18	2.19	5.99	11.46	12.75	4.97	6.72	2.32	0.83	15.18	75.42
1913	5.13	3.17	0.88	3.97	5.33	4.86	14.14	6.92	15.50	8.50	2.71	3.21	74.32
1914	0.29	7.11	3.69	7.77	3.80	1.67	16.09	8.43	3.17	1.51	4.53	3.85	61.91
1915	5.53	5.79	2.88	0.00	4.73	2.49	8.75	6.63	5.13	6.07	1.17	2.09	51.26
1916	3.30	3.58	0.57	1.64	6.11	5.50	13.75	5.44	2.72	8.30	0.68	7.30	58.89
1917	5.59	3.11	4.12	2.54	1.33	3.58	9.93	8.10	1.14	0.50	0.97	2.64	43.55
1918	4.00	3.89	1.43	6.94	6.40	5.83	4.65	10.88	4.75	11.98	5.84	9.57	76.16
1919	7.45	5.20	3.66	5.08	9.74	3.95	8.06	6.05	2.56	12.04	4.04	1.00	68.83
1920	7.83	3.57	1.84	2.16	1.59	7.40	10.44	6.99	2.94	3.54	3.94	11.39	63.63
1921	2.45	1.38	1.81	5.63	1.92	7.87	5.00	3.83	4.26	1.79	2.56	5.53	44.03
1922	5.67	2.24	13.62	2.43	11.16	8.16	6.48	9.07	8.33	4.41	4.31	11.94	87.82
1923	2.56	2.62	4.88	2.14	7.81	9.36	8.57	8.93	8.77	1.66	6.56	2.94	66.8
1924	8.19	7.67	2.07	4.37	8.70	6.68	3.22	1.84	0.99	0.00	2.84	4.61	51.18
1925	3.06	0.46	0.78	1.38	2.78	8.58	2.97	2.31	11.31	10.71	5.32	4.63	54.29
1926	8.68	2.97	16.58	6.72	6.63	5.44	9.49	14.34	11.67	6.03	4.73	2.33	95.61
1927	0.97	5.91	11.07	10.64	3.64	3.58	4.86	8.66	5.50	4.64	5.80	6.72	71.99
1928	0.68	6.05	4.19	5.85	1.42	19.06	10.20	11.23	6.66	1.32	1.60	5.42	73.68
1929	4.28	5.91	3.66	4.50	3.20	8.08	9.86	4.21	4.05	6.82	10.68	4.56	69.81
1930	7.22	2.68	2.92	2.91	7.12	1.41	5.99	9.43	11.55	4.11	4.83	2.15	62.32
1931	4.45	4.33	3.88	1.79	3.10	1.65	6.68	3.46	4.33	7.72	3.64	7.69	52.72
1932	6.29	3.52	4.15	7.50	4.00	3.81	7.59	8.09	5.08	5.60	5.52	7.76	68.91
1933	3.13	5.37	9.04	4.17	2.54	0.76	MMM	MMM	MMM	MMM	MMM	MMM	
1934	8	4.15	4	2.64	4.2	15.73	8.59	14.09	4.31	1.80	7.54	2.78	77.83
1935	3.81	6.77	4.82	7.01	1.95	8.01	12.21	4.96	8.99	0.81	2.10	7.14	68.58
1936	4.80	4.32	1.55	9.83	7.24	0.96	7.87	4.88	3.34	0.87	4.01	3.95	53.62
1937	6.07	2.09	5.94	5.46	3.51	3.82	7.95	8.62	6.59	7.00	2.22	3.95	63.22
1938	4.11	2.86	1.21	2.85	3.19	5.04	8.71	5.83	3.88	2.92	2.80	3.64	47.04
1939	2.12	5.95	0.29	1.87	7.95	5.68	8.62	7.83	5.58	1.05	6.14	2.38	55.46
1940	2.93	7.53	5.35	6.18	0.63	12.94	7.74	19.09	3.05	0.23	3.05	12.44	81.16
1941	3.29	2.70	5.44	3.60	7.64	6.81	12.14	2.10	8.41	5.13	2.13	5.15	64.54
1942	0.76	7.11	3.70	5.81	6.14	13.20	8.22	6.18	16.73	4.88	0.49	3.36	76.58
1943	2.64	2.01	12.48	1.83	4.35	6.23	6.13	7.66	25.40	0.97	1.90	5.76	77.36
1944	9.29	8.79	4.17	4.00	7.88	8.73	6.39	8.34	6.68	2.07	12.65	3.74	82.73
1945	5.95	4.88	2.82	3.64	4.10	2.42	4.42	12.16	4.53	3.68	1.64	5.17	55.41
1946	7.16	2.84	10.54	6.41	16.18	10.23	14.83	4.78	8.40	5.3	5.30	6.79	98.76
1947	5.40	2.12	6.33	5.51	6.72	4.43	4.88	5.17	4.00	2.87	12.12	9.85	69.4
1948	4.00	4.05	8.33	4.00	2.51	1.78	3.59	8.27	8.27	0.60	8.95	7.10	61.45

1949	2.50	2.24	8.99	6.43	3.04	8.47	11.96	2.52	2.65	7.14	1.50	4.76	62.2
1950	MMM	4.30	3.52	4.04	4.70	7.45	7.63	1.30	2.60	0.60	1.25	6.44	
1951	4.97	MMM	5.62	2.97	2.07	4.70	12.20	2.82	8.40	0.51	2.50	3.45	
1952	1.00	11.08	MMM	MMM	5.34	5.51	10.83	4.16	3.20	0.00	3.27	4.74	
1953	4.45	4.93	4.30	6.50	5.23	3.78	6.81	8.80	0.50	1.53	7.75	9.21	63.79
1954	4.60	0.75	1.20	3.72	3.97	5.05	18.46	4.90	2.55	2.98	2.52	3.37	54.07
1955	MMM	MMM	MMM	MMM	MMM	MMM	12.14	10.21	MMM	MMM	MMM	MMM	
1956	MMM	MMM	2.32	2.25	10.68	2.46	6.18	5.64	2.26	3.55	2.89	7.41	
1957	0.79	1.31	6.40	3.45	MMM	MMM	MMM	MMM	MMM	MMM	9.40	3.00	
1958	4.49	4.39	4.55	2.92	4.40	3.89	9.41	9.34	5.15	2.44	0.95	1.18	53.11
1959	3.55	9.71	1.99	3.15	11.35	2.87	10.91	10.21	2.18	7.15	0.41	3.20	66.68
1960	2.35	3.94	3.26	5.72	2.36	4.48	5.90	12.47	1.64	3.75	1.26	5.02	52.15
1961	3.16	4.87	2.76	1.50	3.79	11.06	4.31	7.71	6.52	1.96	10.33	6.05	64.02
1962	3.37	0.33	1.77	2.25	0.53	9.76	2.57	6.12	7.16	3.73	1.16	5.14	43.89
1963	2.86	3.61	1.01	0.11	1.93	12.03	8.68	3.31	8.17	0.00	7.68	3.27	52.66
1964	8.06	6.52	5.44	4.09	3.82	5.85	15.57	MMM	3.45	10.13	2.12	2.33	
1965	4.51	6.91	2.51	0.62	1.58	1.64	5.19	7.59	7.94	1.55	3.19	8.91	52.14
1966	10.15	15.53	1.40	4.69	2.32	3.05	10.73	9.60	6.73	3.78	1.33	2.82	72.13
1967	4.76	3.88	1.11	0.74	8.60	3.13	5.79	13.69	4.35	3.56	0.13	6.50	56.24
1968	1.35	3.26	3.13	2.44	7.52	4.03	4.51	12.32	3.75	1.07	8.26	4.85	56.49
1969	1.86	4.27	6.29	10.12	8.02	1.93	11.40	6.74	4.76	1.19	0.45	5.65	62.68
1970	1.80	2.08	5.79	1.01	6.52	8.99	8.19	14.18	11.02	6.47	0.32	3.49	69.86
1971	1.71	3.56	0.89	1.03	2.56	9.30	8.38	10.62	10.58	3.37	0.84	8.36	61.2
1972	9.28	5.28	4.07	2.02	5.30	1.15	8.00	5.84	3.67	4.50	6.95	8.02	64.08
1973	3.78	1.96	11.07	12.35	1.06	3.39	9.32	5.07	16.41	2.99	4.18	6.64	78.22
1974	5.01	4.17	5.06	6.42	7.19	3.59	2.15	MMM	3.96	0.32	7.07	4.86	
1975	3.51	0.92	5.98	5.70	8.29	12.79	10.49	9.07	5.67	2.39	1.77	4.02	70.6
1976	3.12	1.86	2.01	0.38	5.21	5.53	6.69	4.48	5.98	5.75	5.75	9.10	55.86
1977	5.25	2.32	2.64	6.44	1.19	1.94	6.52	13.11	9.21	6.05	10.04	4.30	69.01
1978	10.95	2.22	3.38	4.21	4.93	5.89	11.98	7.94	3.23	0.02	5.72	2.57	63.04
1979	4.65	12.55	2.31	13.75	8.16	1.87	10.45	10.49	4.24	1.15	3.32	2.42	75.36
1980	6.28	0.66	13.45	14.46	12.99	2.24	6.21	5.50	3.17	2.74	5.75	0.94	74.39
1981	1.17	4.38	1.07	2.56	4.56	6.67	7.75	7.76	3.04	2.59	1.42	4.56	47.53
1982	3.42	4.29	2.89	4.32	3.90	5.20	6.17	6.36	4.79	4.21	3.19	13.07	61.81
1983	4.62	7.87	5.99	10.33	4.00	8.00	1.99	8.44	10.04	2.78	4.25	5.58	73.89
1984	3.87	4.63	1.68	0.39	6.62	10.50	6.79	15.54	5.07	4.88	1.45	4.40	65.82
1985	5.96	4.88	4.49	1.70	3.28	2.73	4.98	11.91	8.51	8.68	0.52	7.14	64.78
1986	3.84	3.24	2.03	2.87	6.03	8.67	4.90	4.17	7.54	5.53	5.05	7.57	61.44
1987	7.09	5.11	2.04	0.52	8.36	16.70	7.33	8.45	0.91	1.71	4.94	3.14	66.3
1988	3.19	7.26	12.52	5.14	1.71	5.62	8.13	18.02	5.67	2.67	0.72	3.32	73.97
1989	2.48	0.56	3.52	1.23	5.97	18.31	12.26	6.57	9.42	1.11	8.88	4.36	74.67
1990	4.15	6.23	6.16	2.54	2.97	4.80	5.45	5.18	2.85	3.66	2.81	5.19	51.99
1991	12.73	3.58	3.98	10.85	12.33	6.04	8.06	11.30	5.07	4.83	1.44	MMM	
1992	13.51	8.46	4.90	7.74	2.52	9.66	7.83	11.60	5.75	2.33	9.42	4.77	88.49
1993	5.67	2.52	4.53	13.54	5.49	7.51	6.68	3.59	4.55	8.76	3.12	4.00	69.96
1994	3.22	2.57	3.67	6.01	3.17	6.13	11.19	2.33	3.31	3.85	3.16	3.35	51.96
1995	MMM	1.53	11.78	4.75	6.65	3.77	7.86	4.19	4.11	3.03	5.54	3.95	
1996	1.65	1.72	1.50	1.70	1.39	6.60	8.44	8.56	5.86	6.97	3.85	3.64	51.88
1997	5.12	5.43	4.08	7.01	5.42	13.83	8.19	2.69	3.91	0.71	5.23	3.04	64.66
1998	15.85	6.02	7.06	2.18	0.84	6.01	3.24	6.77	11.75	2.95	3.38	2.60	68.65
1999	4.39	1.28	4.65	0.09	5.34	7.99	6.05	5.81	3.41	9.84	1.85	5.95	56.65
2000	4.67	0.59	2.56	0.49	0.09	9.33	7.66	3.25	3.73	1.27	12.26	2.69	48.59
2001	3.99	2.84	8.66	1.71	1.55	18.58	7.81	6.45	6.81	3.29	1.95	2.37	66.01
2002	4.24	0.85	4.86	3.32	2.96	5.53	8.31	8.31	5.23	18.61	4.83	7.26	74.31
# of Months	106	107	107	109	109	109	109	108	107	108	109	108	98
Total Inches	473.98	467.28	472.86	475.33	523.59	710.86	917.85	824.84	644.65	410.48	436.44	549.98	6290.83
Avg	4.47	4.37	4.42	4.36	4.80	6.52	8.42	7.64	6.02	3.80	4.00	5.09	64.19

Franklinton	3321												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1910									1.35	3.17	2.50	2.01	
1911	4.20	0.80	2.35	5.10	3.78	7.55	7.05	9.56	5.55	1.53	3.05	7.95	58.47
1912	5.22	3.28	MMM	17.90	5.13	3.42	10.59	13.45	4.02	1.02	0.92	15.45	
1913	7.45	5.31	7.56	5.90	8.12	0.89	9.97	5.81	10.07	2.23	2.93	2.72	68.96
1914	0.81	4.69	8.44	6.21	0.45	4.62	MMM	5.81	2.17	1.70	4.68	5.48	
1915	10.05	6.52	1.70	0.92	7.82	4.71	5.47	8.13	16.46	7.30	2.51	4.17	75.76
1916	10.62	1.87	3.55	5.43	5.17	7.28	9.66	6.26	3.09	5.27	0.57	7.86	66.63
1917	10.07	6.36	4.40	5.66	1.50	3.05	7.30	4.85	4.80	1.05	1.45	2.70	53.19
1918	5.60	2.27	0.90	6.90	0.30	3.35	4.05	9.80	MMM	5.25	MMM	4.85	
1919	5.30	10.40	4.30	6.70	8.45	7.45	3.55	4.25	1.05	4.10	6.65	5.35	67.55
1920	4.87	3.20	3.00	2.20	6.80	4.50	MMM	3.00	4.75	MMM	MMM	13.65	
1921	4.15	1.20	13.05	6.40	0.90	4.74	6.65	1.80	0.90	3.70	1.70	4.80	49.99
1922	6.60	6.05	11.30	2.35	5.50	2.70	3.40	6.83	1.43	2.20	2.20	7.65	58.21
1923	3.60	5.20	5.53	6.10	11.90	3.00	7.30	7.20	2.35	2.90	7.90	10.75	73.73
1924	6.40	4.75	3.20	2.45	2.80	MMM	1.66	2.22	2.48	0.00	0.13	6.93	
1925	8.08	3.56	1.86	1.19	3.57	3.43	3.57	2.59	4.19	6.92	2.06	3.69	44.71
1926	8.28	3.65	11.46	5.79	5.49	3.02	5.18	11.72	3.18	2.81	3.62	5.03	69.23
1927	2.06	8.49	8.57	2.08	5.34	6.20	2.30	4.25	1.53	6.34	4.96	8.93	61.05
1928	0.61	3.96	4.11	7.14	6.03	12.89	5.00	5.30	5.90	2.56	1.84	4.78	60.12
1929	7.16	10.58	7.75	2.74	2.96	5.72	3.64	2.67	3.45	4.06	20.23	4.98	75.94
1930	7.82	3.32	4.30	1.35	5.95	0.21	5.63	3.72	8.61	1.60	7.54	2.85	52.9
1931	5.11	3.57	4.02	2.10	4.10	2.35	10.72	3.32	2.40	1.25	4.32	7.73	50.99
1932	8.63	5.44	2.08	3.92	6.08	2.41	6.25	3.53	3.05	6.40	3.87	7.87	59.53
1933	2.36	7.82	5.30	13.65	9.32	2.68	7.11	5.65	1.81	1.33	1.13	2.55	60.71
1934	5.66	6.74	3.63	5.08	4.79	7.97	6.04	9.78	3.47	6.40	7.57	2.48	69.61
1935	4.35	5.79	6.26	10.54	5.58	8.44	4.30	7.56	0.75	0.15	3.88	5.68	63.28
1936	10.96	4.85	1.62	7.27	3.88	0.20	11.08	6.49	2.53	0.61	2.58	7.15	59.22
1937	9.03	2.37	5.45	5.20	3.97	6.76	2.08	6.25	3.22	8.50	2.76	2.90	58.49
1938	4.36	3.46	8.22	6.30	0.54	2.36	5.36	5.25	3.98	1.39	3.95	3.68	48.85
1939	3.66	4.92	3.16	2.95	5.29	7.08	6.48	4.05	2.79	3.38	1.24	2.15	47.15
1940	2.87	9.74	5.08	10.98	1.10	8.74	12.12	5.16	5.09	0.26	5.36	11.71	78.21
1941	4.09	2.10	4.26	4.77	3.00	9.47	5.90	4.65	4.90	4.37	3.29	4.84	55.64
1942	4.85	7.02	4.83	1.14	7.57	5.58	4.48	8.16	9.14	3.44	1.45	6.12	63.78
1943	2.13	3.30	15.35	2.70	3.60	4.49	5.92	4.74	11.34	0.84	5.54	5.41	65.36
1944	7.46	4.63	7.19	4.69	9.09	2.81	1.64	10.22	6.13	2.11	7.98	4.15	68.1
1945	5.85	5.71	6.73	6.37	3.99	5.22	6.71	2.45	4.19	6.90	1.73	6.89	62.74
1946	6.60	5.80	10.94	2.68	11.45	12.61	12.22	6.79	5.25	1.24	6.99	4.70	87.27
1947	9.66	1.87	12.35	14.74	9.45	12.73	3.13	7.50	6.35	1.32	8.61	10.41	98.12
1948	4.81	2.90	8.82	2.61	4.84	3.60	7.22	4.62	6.94	0.98	11.11	6.89	65.34
1949	3.13	4.25	9.63	7.76	7.09	6.46	11.91	10.69	6.91	3.14	0.26	3.67	74.9
1950	5.87	8.26	9.43	4.60	3.67	4.57	5.80	3.14	3.80	1.84	1.13	6.85	58.96
1951	5.72	5.47	9.59	4.85	0.30	9.93	5.47	4.31	6.54	1.02	2.18	5.39	60.77
1952	2.05	6.99	3.23	5.69	4.90	1.97	7.29	1.60	3.43	0.00	4.69	6.45	48.29
1953	5.21	7.64	7.02	7.53	8.46	11.31	12.21	5.90	0.07	0.26	6.79	19.48	91.88
1954	2.82	2.08	3.40	4.60	2.39	3.57	9.09	1.33	5.31	7.01	3.25	4.90	49.75
1955	5.03	4.36	0.29	6.88	6.65	2.50	6.60	5.69	1.02	0.92	5.17	4.10	49.21
1956	3.23	9.53	6.00	2.10	3.80	6.60	5.01	6.74	5.03	2.46	1.62	7.25	59.37
1957	2.20	4.02	4.93	8.60	4.71	9.06	3.28	2.96	7.39	2.86	13.36	4.47	67.84
1958	4.52	5.21	6.98	5.16	8.04	4.39	8.79	6.57	9.50	1.49	2.88	2.91	66.44
1959	5.30	8.94	2.63	5.94	11.45	10.51	6.30	4.26	4.22	10.03	3.36	3.51	76.45
1960	4.97	7.28	3.88	3.29	4.20	0.44	6.46	11.21	0.85	2.91	1.58	3.60	50.67
1961	7.68	18.97	10.15	3.53	2.76	4.57	9.37	5.50	6.78	3.73	15.25	13.96	102.25
1962	10.92	0.50	4.24	11.15	3.74	7.36	2.33	4.01	2.90	3.83	1.97	4.46	57.41
1963	5.05	4.38	2.13	0.99	3.71	6.15	5.51	5.74	2.57	0.12	4.41	4.81	45.57
1964	6.78	5.80	12.95	8.17	4.04	2.99	9.63	3.32	2.13	6.19	6.90	8.18	77.08
1965	7.09	8.99	4.89	0.14	1.75	4.62	5.39	12.98	7.29	0.77	MMM	4.80	
1966	8.91	15.15	2.51	5.19	6.30	4.57	2.79	5.53	2.20	1.27	1.77	3.09	59.28
1967	3.06	4.65	2.13	9.06	9.41	3.38	7.00	5.18	2.97	1.50	0.48	10.54	59.36
1968	3.11	2.00	2.53	2.72	1.63	0.91	6.33	4.52	4.46	0.78	7.17	MMM	
1969	0.49	3.87	6.05	MMM	5.53	2.03							
# of Months	59	59	58	58	59	58	56	58	58	58	56	58	51
Total Inches	324.53	321.83	337.21	316.15	300.13	302.12	357.29	336.57	256.03	168.71	245.02	358.31	3254.31
Avg	5.50	5.45	5.81	5.45	5.09	5.21	6.38	5.80	4.41	2.91	4.38	6.18	63.81

Franklinton 3SW		3327											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1956										3.10	2.75	7.13	
1957	1.46	3.61	4.40	6.46	3.23	6.90	4.07	2.49	9.43	3.08	12.60	4.81	62.54
1958	5.63	3.87	7.86	5.26	5.57	3.68	9.19	6.91	12.58	1.15	2.89	2.10	66.69
1959	5.88	7.76	2.22	4.25	12.97	7.74	6.82	4.51	2.93	8.27	3.10	3.76	70.21
1960	MMM	7.38	4.24	4.36	3.52	0.47	5.97	10.47	1.19	2.84	1.92	5.75	
1961	8.72	MMM	MMM	2.79	2.91	3.15	9.09	4.42	6.95	1.59	14.66	13.18	
1962	10.19	0.40	3.86	7.67	2.80	5.72	1.09	2.30	4.55	4.40	1.93	4.27	49.18
1963	3.67	4.41	1.69	0.97	1.35	7.97	6.44	4.56	3.50	0.22	4.08	4.23	43.09
1964	6.19	5.54	10.91	8.23	3.99	3.01	5.16	3.65	1.97	6.66	6.24	6.69	68.24
1965	4.84	8.22	4.28	0.93	1.52	4.73	6.07	13.80	4.85	1.08	1.17	4.92	56.41
1966	9.64	16.02	1.53	5.15	6.58	4.21	2.22	6.95	3.47	0.98	1.82	3.21	61.78
1967	3.01	4.77	1.63	7.87	11.29	2.96	5.16	3.81	4.68	1.45	0.63	9.87	57.13
1968	3.14	3.19	2.46	3.34	1.39	1.90	5.81	3.24	3.40	0.53	6.79	9.54	44.73
1969	0.77	4.53	6.51	MMM	7.42	3.20	5.96	2.64	0.36	3.13	2.88	4.16	
1970	2.99	3.05	4.03	2.47	5.97	4.07	7.82	9.00	0.69	10.57	2.21	6.90	59.77
1971	3.01	5.14	4.24	1.19	2.78	4.64	8.72	2.77	10.41	0.82	2.96	11.88	58.56
1972	10.22	3.34	7.26	1.85	12.01	0.85	4.91	3.68	3.17	3.56	5.31	9.77	65.93
1973	2.93	3.61	12.38	13.84	4.99	2.33	3.78	5.48	8.19	1.38	11.91	11.99	82.81
1974	7.73	6.60	7.11	5.70	10.22	2.99	7.90	3.98	4.59	2.53	8.71	3.91	71.97
1975	7.67	2.34	7.26	12.64	7.77	15.76	5.21	9.42	2.39	2.20	2.86	3.28	78.8
1976	5.42	1.86	6.54	2.38	2.89	8.30	6.42	7.33	2.45	3.64	5.35	5.33	57.91
1977	5.51	2.54	6.95	12.90	1.14	2.30	9.31	12.01	9.23	7.77	12.51	3.37	85.54
1978	7.14	2.34	3.61	6.80	7.02	6.78	5.94	7.15	2.64	0.00	6.65	3.18	59.25
1979	8.61	9.01	4.31	11.29	5.48	0.64	8.28	3.38	5.37	1.46	4.28	6.40	68.51
1980	4.82	3.97	14.05	10.92	11.63	2.50	5.38	1.60	3.19	3.94	3.66	1.47	67.13
1981	0.93	8.01	4.76	0.70	3.78	5.44	5.36	4.35	1.82	1.92	1.84	5.33	44.24
1982	4.94	7.50	5.34	7.96	1.99	5.67	7.42	4.08	3.45	1.51	7.73	8.06	65.65
1983	5.11	8.60	6.96	18.03	6.12	6.56	2.67	6.49	4.86	1.61	5.31	8.79	81.11
1984	3.65	5.02	3.09	3.53	5.11	2.84	2.90	9.85	2.06	9.63	4.57	3.14	55.39
1985	4.90	5.05	4.74	2.77	2.81	2.91	4.93	9.02	5.59	6.73	0.75	4.00	54.2
1986	1.99	2.13	1.67	2.74	3.55	4.92	3.04	2.86	0.94	4.79	10.46	6.56	45.65
1987	7.85	12.19	6.96	1.67	4.02	7.17	4.07	10.76	1.18	0.46	3.29	2.82	62.44
1988	3.82	11.69	11.58	6.83	1.24	6.66	4.99	4.52	8.74	1.39	4.16	6.24	71.86
1989	3.73	1.84	8.55	3.26	7.94	8.91	8.47	4.48	3.14	0.80	10.60	7.18	68.9
1990	9.48	10.47	6.77	4.34	12.16	2.10	2.60	1.93	2.85	1.70	4.15	6.08	64.63
1991	7.78	6.73	4.42	9.96	13.44	8.56	6.75	3.64	4.55	2.91	2.91	2.12	73.77
1992	11.28	8.12	6.81	3.81	3.13	6.47	5.56	8.16	3.15	2.14	9.00	5.43	73.06
1993	12.71	3.52	MMM	6.75	3.17	8.14	4.99	3.25	2.86	6.96	3.11	3.99	
1994	5.46	2.98	5.65	4.82	4.11	8.11	7.46	3.59	1.24	8.85	1.73	3.86	57.86
1995	4.13	5.62	12.61	7.56	11.00	3.68	2.89	2.45	1.03	4.32	5.88	5.51	66.68
1996	5.12	1.48	7.62	3.01	5.72	3.95	2.39	3.84	4.65	10.93	MMM	2.12	
1997	6.07	11.11	6.50	8.56	6.62	7.33	7.02	1.46	MMM	2.28			
# of Months	40	40	39	40	41	41	41	41	40	42	40	41	35
Total Inches	228.14	225.56	233.36	235.56	232.35	206.22	230.23	220.28	164.29	145.28	205.36	232.33	2221.62
Avg	5.70	5.64	5.98	5.89	5.67	5.03	5.62	5.37	4.11	3.46	5.13	5.67	63.47

Galliano	3433												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1968	4.57	4.51	3.40	6.08	7.46	2.80	5.79	1.80	4.20	1.01	3.75	6.59	51.96
1969	3.04	3.93	7.81	4.79	7.59	1.78	13.19	4.26	3.50	1.95	0.50	5.61	57.95
1970	2.83	2.20	8.98	0.97	5.39	5.14	8.54	15.52	8.41	10.97	0.49	2.69	72.13
1971	2.89	4.23	4.27	1.45	2.22	7.50	9.14	10.61	13.75	0.90	2.63	4.87	64.46
1972	6.98	4.33	4.62	3.57	17.85	0.64	9.69	3.12	3.37	3.16	8.33	5.24	70.90
1973	3.72	3.50	11.80	15.25	0.79	2.41	7.92	3.77	11.47	2.77	3.24	6.72	73.36
1974	7.03	0.90	5.07	11.32	8.84	1.97	5.86	4.11	8.11	0.57	5.12	3.79	62.69
1975	2.54	5.37	2.20	5.56	18.87	7.94	4.05	7.59	3.51	3.93	7.27	3.74	72.57
1976	2.25	4.61	9.35	0.86	8.39	5.48	5.04	5.04	1.48	MMM	4.45	7.60	
1977	6.11	1.86	8.10	2.46	3.97	2.05	10.68	13.88	11.33	2.66	11.68	4.86	79.64
1978	12.33	2.96	6.57	4.79	2.02	4.35	7.08	8.49	2.71	0.12	6.51	3.17	61.10
1979	6.17	13.70	4.43	6.07	11.19	0.22	12.14	3.39	9.05	0.58	4.54	3.82	75.30
1980	8.23	2.54	6.76	13.75	11.44	4.24	8.82	1.89	5.14	7.68	2.58	1.57	74.64
1981	1.25	14.14	2.19	0.26	3.85	4.37	6.09	9.86	4.20	3.10	MMM	MMM	
1982	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	3.30	2.76	4.73	10.21	
1983	4.78	6.55	5.87	3.56	0.98	12.90	2.15	9.72	6.29	2.48	3.02	5.18	63.48
1984	5.12	4.00	8.90	1.16	7.22	5.50	7.83	17.06	1.82	2.70	1.21	1.98	64.50
1985	2.69	3.44	5.11	0.60	2.05	7.84	9.33	11.34	6.45	18.62	1.26	1.40	70.13
1986	5.56	5.56	1.47	1.31	10.23	7.40	5.70	1.82	4.17	6.32	5.05	5.11	59.70
1987	6.83	5.27	3.22	1.59	4.50	15.56	9.47	6.66	5.12	0.92	4.08	2.68	65.90
1988	3.19	10.55	8.69	7.75	1.99	2.94	8.58	10.11	6.79	3.33	0.63	2.53	67.08
1989	1.53	0.49	3.47	3.43	1.63	4.79	8.22	3.71	4.26	1.21	3.05	4.37	40.16
1990	3.32	5.56	5.63	1.25	4.44	1.96	5.51	6.50	7.01	1.81	3.17	3.77	49.93
1991	18.35	3.38	6.87	14.10	11.10	5.13	11.02	8.46	1.89	5.11	2.75	2.00	90.16
1992	14.63	7.87	4.90	3.87	3.66	6.95	5.71	19.24	3.96	0.39	14.13	6.09	91.40
1993	6.15	2.92	6.07	5.88	4.98	6.77	8.26	2.36	7.99	6.27	5.83	3.43	66.91
1994	3.78	1.02	2.90	6.11	5.02	8.79	11.97	7.24	9.79	6.54	0.82	4.54	68.52
1995	3.60	1.20	11.23	1.14	4.53	6.15	5.94	6.71	2.34	3.12	5.26	3.03	54.25
1996	4.06	1.83	2.91	3.25	0.35	6.89	11.75	6.12	5.25	2.02	2.05	5.28	51.76
1997	2.81	5.92	2.80	4.53	12.68	5.71	12.68	6.38	3.94	2.93	8.37	1.76	70.51
1998	19.16	4.64	5.27	2.69	0.25	5.07	2.12	2.09	21.35	3.16	7.17	2.72	75.69
1999	3.32	1.76	5.20	0.18	3.69	7.22	4.44	4.64	6.77	5.25	0.37	2.70	45.54
2000	3.56	0.88	5.50	0.35	1.85	10.10	5.28	4.14	7.46	5.14	9.58	3.03	56.87
2001	2.97	4.96	5.40	0.20	0.59	16.77	10.28	6.88	6.98	4.91	5.70	3.33	68.97
2002	4.70	2.13	4.70	2.56	0.75	5.29	7.55	9.06	17.83	10.85	1.67	3.88	70.97
# of Months	34	34	34	34	34	34	34	34	34	34	34	34	32.00
Total Inches	190.05	148.71	191.66	142.69	192.36	200.62	267.82	243.57	230.99	135.24	150.99	139.29	2109.13
Avg	5.59	4.37	5.64	4.20	5.66	5.90	7.88	7.16	6.79	3.98	4.44	4.10	65.91

Gonzales	3695												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1978	8.28	2.62	3.73	3.61	8.19	6.63	7.59	7.25	5.76	0.00	5.88	2.85	62.39
1979	6.19	9.85	3.84	15.87	6.93	0.68	9.63	3.49	3.21	1.56	4.41	2.21	67.87
1980	4.67	1.11	14.07	11.24	8.55	3.54	3.38	1.66	5.24	4.28	4.17	1.50	63.41
1981	1.09	8.18	1.27	2.28	5.62	8.89	6.14	7.10	3.47	1.26	1.60	6.57	53.47
1982	2.58	5.65	2.78	5.63	3.48	4.20	9.14	4.53	1.25	2.67	3.76	10.87	56.54
1983	5.77	11.16	5.86	10.99	3.02	10.52	3.52	14.48	4.55	2.66	4.01	8.50	85.04
1984	3.78	5.43	2.34	1.80	3.63	3.85	10.65	9.56	1.89	6.13	1.59	3.59	54.24
1985	6.84	4.64	4.54	2.97	0.84	2.06	5.64	8.10	3.83	14.95	0.14	4.92	59.47
1986	2.96	1.89	3.47	1.98	6.42	7.05	3.28	1.98	2.94	2.07	9.21	5.93	49.18
1987	6.32	10.12	5.11	2.62	6.38	10.69	4.52	7.75	2.73	0.92	4.47	2.23	63.86
1988	2.76	17.77	9.54	6.18	1.58	5.53	6.51	7.33	5.25	3.86	1.56	4.76	72.63
1989	2.71	0.23	3.98	1.05	3.78	11.06	9.50	5.37	6.55	0.70	5.44	5.63	56.00
1990	6.03	8.52	9.19	3.01	2.64	5.06	3.11	2.39	1.92	3.03	3.30	5.69	53.89
1991	10.93	4.26	6.29	10.53	14.38	4.53	7.07	9.14	2.01	3.79	1.57	1.92	76.42
1992	15.16	8.38	3.48	5.58	2.48	7.16	10.41	9.97	3.80	3.33	12.49	4.89	87.13
1993	9.61	2.89	5.39	10.04	4.27	11.05	6.65	3.26	2.63	5.41	3.23	3.13	67.56
1994	4.93	4.15	3.66	5.76	5.83	8.40	6.95	7.33	4.21	4.21	1.86	4.21	61.50
1995	7.21	1.98	14.45	9.27	8.34	6.23	5.53	8.97	0.98	3.50	8.36	3.63	78.45
1996	3.90	2.33	4.21	5.78	2.81	7.00	3.25	7.80	4.64	8.98	3.88	8.47	63.05
1997	6.32	6.57	3.69	9.76	6.95	14.23	6.06	6.39	2.04	5.08	7.21	3.80	78.10
1998	16.07	3.34	6.29	3.97	0.22	1.10	6.66	4.27	16.27	1.97	3.29	2.56	66.01
1999	3.70	3.07	3.14	0.87	2.98	7.09	3.90	1.35	3.82	9.11	1.31	5.51	45.85
2000	3.91	0.72	5.55	1.71	2.18	3.79	5.79	4.69	9.28	1.15	14.50	3.10	56.37
2001	4.75	0.67	9.86	0.73	0.79	25.26	4.40	7.64	3.90	5.14	1.99	3.31	68.44
2002	4.36	2.87	5.78	4.45	1.73	4.13	8.43	3.31	7.66	11.33	7.04	7.24	68.33
# of Months	25	25	25	25	25	25	25	25	25	25	25	25	25
Total Inches	150.83	128.4	141.51	137.68	114.02	179.73	157.71	155.11	109.83	107.09	116.27	117.02	1615.2
Avg	6.03	5.14	5.66	5.51	4.56	7.19	6.31	6.20	4.39	4.28	4.65	4.68	64.61

Grand Coteau		3800											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1884								1.75	0.75	3.81	3.57	14.43	
1885	6.91	1.62	5.37	4.44	6.12	5.54	5.21	7.57	10.58	0.56	4.02	2.70	60.64
1886	7.31	1.37	5.92	8.04	1.50	11.31	8.08	1.62	5.91	2.73	2.95	3.26	60.00
1887	2.57	2.37	2.28	1.77	6.50	6.73	6.63	1.88	4.57	2.70	1.86	7.80	47.66
1888	2.70	7.44	5.91	2.68	7.41	3.32	1.89	8.07	0.37	3.82	2.36	4.03	50.00
1889	5.70	1.53	3.69	2.66	0.21	4.90	4.28	5.13	2.13	0.00	2.85	3.75	36.83
1890	2.55	3.85	3.40	10.64	3.57	4.66	5.55	5.29	2.07	4.98	1.51	2.27	50.34
1891	10.43	8.42	0.80	0.87	1.20	8.23	MMM	MMM	0.75	1.38	4.85	4.86	MMM
1892	4.54	2.04	4.72	3.34	3.83	10.59	8.99	2.25	0.60	0.47	4.26	4.63	50.26
1893	3.08	2.03	3.83	2.12	8.08	7.40	4.06	5.39	3.82	2.67	6.42	4.70	53.60
1894	4.30	6.05	8.68	5.02	1.92	2.33	6.54	3.48	5.01	0.89	1.73	1.44	47.39
1895	3.23	4.15	4.86	1.42	4.16	9.11	7.62	4.27	2.18	6.38	4.84	4.82	57.04
1896	1.70	4.71	4.85	1.19	3.55	5.76	4.62	1.76	0.85	8.66	3.78	1.35	42.78
1897	6.42	3.77	4.55	2.46	2.45	6.42	2.11	9.82	2.06	3.72	3.85	4.82	52.45
1898	7.11	8.07	2.46	2.80	1.58	12.04	7.39	5.23	8.14	3.53	6.36	2.72	67.43
1899	10.42	1.84	1.20	3.01	0.72	3.83	1.05	5.23	3.35	1.26	2.19	9.87	43.97
1900	5.56	5.79	4.39	7.22	4.29	4.50	9.31	3.20	1.56	3.75	1.92	10.97	62.46
1901	2.61	5.33	2.02	4.59	0.68	3.13	7.50	4.80	4.34	1.01	1.91	5.47	43.39
1902	1.61	3.47	2.60	2.52	1.80	1.16	2.15	4.97	6.76	2.69	4.20	5.68	39.61
1903	6.17	9.02	9.77	1.63	3.03	7.29	7.97	2.36	3.69	3.77	0.77	4.46	59.93
1904	3.06	1.96	4.59	3.42	4.69	7.45	9.12	8.23	4.15	0.42	1.88	3.67	52.64
1905	6.70	10.17	4.17	13.89	7.46	12.46	8.75	4.12	10.48	3.29	9.67	4.66	95.82
1906	3.15	3.99	12.83	4.80	1.85	5.77	10.21	1.65	2.07	6.01	3.03	5.50	60.86
1907	2.25	5.14	0.64	7.26	25.67	3.09	MM	5.87	2.90	6.08	7.70	4.28	70.88
1908	5.50	5.10	2.73	6.22	8.52	9.91	11.49	5.52	4.94	0.34	2.42	5.48	68.17
1909	2.46	MMM	2.12	3.95	4.34	4.94	4.80	9.07	5.14	2.75	0.94	6.28	MMM
1910	3.68	3.12	0.20	2.89	6.80	8.93	11.05	2.23	2.82	2.59	2.44	5.47	52.22
1911	4.75	1.17	2.61	4.44	1.35	5.60	11.29	7.61	3.78	2.44	4.54	12.21	61.79
1912	5.60	6.34	5.67	5.33	13.72	4.98	5.74	8.72	0.19	MMM	MMM	12.80	MMM
1913	3.58	2.32	4.81	7.25	5.87	4.96	5.41	2.63	16.80	7.67	2.80	3.58	67.68
1914	0.54	3.55	5.79	4.54	1.21	3.56	6.45	9.93	2.06	3.01	9.29	5.59	55.52
1915	8.15	8.32	3.91	1.23	8.15	5.43	5.29	10.08	0.80	5.05	1.48	5.48	63.37
1916	8.94	1.80	0.30	3.96	9.75	3.91	10.77	4.54	1.59	2.03	0.06	5.80	53.45
1917	5.62	6.23	2.40	3.09	1.53	0.40	8.16	3.16	2.03	1.13	0.98	1.91	36.64
1918	6.68	1.71	3.10	5.23	0.68	MMM	2.58	6.93	2.90	MMM	4.45	5.82	MMM
1919	5.44	6.22	1.93	3.40	10.55	3.22	6.16	MMM	MMM	4.27	1.80	MMM	MMM
1920	4.02	3.61	1.76	3.00	2.60	3.21	8.84	MMM	MMM	1.19	2.18	MMM	MMM
1921	MM	1.20	3.60	7.89	2.55	6.68	7.44	1.81	2.94	2.23	2.36	4.45	MMM
1922	6.84	4.59	6.97	1.67	5.98	4.48	4.19	7.82	4.17	6.34	6.45	8.81	68.31
1923	3.42	6.86	7.94	5.68	9.30	7.27	7.55	9.09	8.60	2.35	5.15	11.18	84.39
1924	6.60	3.21	3.03	4.63	2.16	2.44	0.26	2.83	0.47	0.00	1.37	4.78	31.78
1925	7.06	3.89	3.71	2.31	1.38	3.00	4.35	2.39	7.16	8.78	2.84	3.55	50.42
1926	7.07	4.79	9.93	10.49	5.30	4.12	2.79	6.76	1.64	3.71	3.74	5.00	65.34
1927	0.99	10.53	5.95	3.35	16.38	9.68	5.76	3.79	1.68	2.07	4.00	8.95	73.13
1928	0.34	4.30	5.70	4.54	5.13	7.68	6.58	4.65	3.10	1.41	3.62	4.16	51.21
1929	6.57	6.33	6.10	1.74	6.98	2.92	4.57	1.07	1.79	4.21	16.52	5.14	63.94
1930	10.13	3.69	3.47	0.77	2.36	0.24	8.22	3.80	7.12	3.32	5.25	3.47	51.84
1931	11.28	4.48	3.42	0.71	4.06	0.24	6.13	5.79	2.01	0.88	5.39	11.51	55.90
1932	12.56	2.80	2.20	3.42	4.50	4.06	6.22	8.66	5.20	7.19	5.01	8.54	70.36
1933	3.33	4.59	4.11	6.66	5.62	5.60	10.71	2.47	2.24	MM	MM	5.07	MMM
1934	6.34	4.48	4.94	3.32	3.21	6.67	4.35	3.51	4.43	1.09	9.44	3.01	54.79
1935	2.87	6.98	7.20	5.48	13.22	5.20	3.12	2.99	5.80	0.80	2.14	6.22	62.02
1936	4.24	4.62	1.35	4.56	7.58	0.06	5.23	4.44	3.00	1.35	MMM	MMM	MMM
1937	MMM	2.82	4.40	0.44	3.92	3.57	5.06	3.19	2.39	4.65	1.89	3.48	MMM
1938	5.02	2.77	2.12	4.94	3.15	3.96	3.67	6.39	2.80	1.58	MMM	3.27	MMM
1939	4.46	3.87	MMM	1.09	4.99	5.38	5.82	9.51	5.74	1.82	1.66	3.03	MMM
1940	3.24	5.71	3.80	10.63	1.07	15.04	9.02	31.63	2.73	1.35	10.41	10.87	105.50
1941	4.07	2.43	5.88	6.11	MMM	19.81	4.12	1.55	6.78	4.46	2.17	4.38	MMM
1942	5.72	5.26	MMM	MMM	2.65	11.30	4.56	MM	5.07	MMM	MMM	9.05	MMM
1943	3.26	2.60	9.17	1.43	3.96	3.69	3.27	0.56	11.70	1.15	6.65	5.20	52.64
1944	5.62	3.30	4.30	2.94	5.84	1.80	2.46	5.20	3.80	0.89	10.34	4.80	51.29

1945	4.92	4.18	4.23	4.31	4.60	4.22	10.63	5.11	MMM	2.52	MMM	MMM	MMM
1946	3.49	MMM	MMM	1.20	8.71	3.51	1.90	2.70	MMM	MMM	0.16	MMM	MMM
1947	MMM	MMM	MMM	6.75	MMM	3.44	1.26	4.66	1.65	1.36	8.18	7.82	MMM
1948	MMM	MMM	8.40	5.23	1.61	1.65	2.33	3.93	3.45	0.15	9.75	4.00	MMM
1949	4.15	5.92	11.00	MMM	MMM	MMM	MMM	MMM	0.12	MMM	MMM	4.55	MMM
1950	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	1.22	1.83	9.12	MMM	MMM
1951	6.80	3.69	8.42	3.44	1.63	6.66	5.88	1.76	9.36	0.82	2.50	6.48	57.44
1952	1.88	5.97	3.24	10.29	6.34	3.34	12.14	1.57	1.54	0.08	5.10	5.58	57.07
1953	2.78	8.77	6.22	8.02	16.82	1.83	5.89	8.46	0.52	1.99	3.32	7.46	72.08
1954	4.65	1.51	2.03	1.62	4.98	1.68	9.43	1.57	0.64	6.34	1.39	3.13	38.97
1955	5.55	12.64	0.33	7.34	4.00	3.01	6.99	5.87	3.71	1.32	4.95	5.32	61.03
1956	2.06	5.67	3.16	2.01	5.78	4.48	2.17	3.26	1.00	2.54	4.34	8.24	44.71
1957	2.46	3.93	5.16	5.53	2.53	11.67	5.58	0.84	8.45	6.36	5.67	3.93	62.11
1958	3.77	2.51	4.25	3.45	5.64	3.80	7.02	5.40	9.84	MMM	1.71	2.18	MMM
1959	6.17	9.90	2.58	4.81	6.08	4.24	11.14	5.89	3.19	4.62	1.43	7.76	67.81
1960	4.71	3.68	2.68	4.04	3.29	2.20	1.56	5.98	0.64	5.18	1.96	7.03	42.95
1961	5.38	10.65	5.86	3.82	5.61	13.14	7.87	2.04	6.15	1.52	4.31	6.28	72.63
1962	4.16	0.49	3.75	3.72	2.33	7.44	0.66	1.97	4.02	4.63	1.91	4.05	39.13
1963	6.92	3.56	1.07	0.54	3.52	5.23	3.99	6.59	4.25	0.00	4.77	5.07	45.51
1964	5.57	2.81	6.83	2.43	3.04	2.82	5.69	4.37	4.14	8.56	4.76	5.90	56.92
1965	2.33	5.93	7.04	0.54	2.86	3.85	5.27	5.79	7.57	0.31	1.99	5.76	49.24
1966	9.57	12.21	0.80	8.87	4.50	2.94	2.82	5.78	MMM	MMM	3.88	1.76	MMM
1967	3.34	5.30	2.63	8.88	10.01	4.31	7.81	7.29	MMM	4.90	0.22	7.96	MMM
1968	3.24	3.06	3.06	2.92	4.24	8.00	3.54	3.58	4.66	2.50	7.78	5.39	51.97
1969	5.56	6.22	5.20	9.70	7.51	0.73	7.70	2.59	3.05	3.96	1.36	4.61	58.19
1970	2.02	2.48	4.45	2.80	4.69	3.89	2.26	5.51	5.38	9.00	1.68	6.79	50.95
1971	1.03	4.53	3.77	0.82	8.18	3.23	10.11	4.21	9.04	6.10	2.06	14.13	67.21
1972	8.55	3.18	10.40	4.04	4.48	2.54	6.03	2.21	6.45	4.97	5.93	6.85	65.63
1973	4.43	4.14	12.97	8.85	7.84	1.92	3.87	3.72	12.62	3.02	8.94	4.60	76.92
1974	12.09	4.76	3.24	1.95	4.49	6.43	12.75	4.01	5.81	2.00	6.22	5.91	69.66
1975	5.91	1.13	4.00	9.56	10.84	4.71	7.51	5.54	3.46	2.33	4.20	2.57	61.76
1976	2.31	3.48	MMM	0.65	4.12	7.83	6.32	3.00	3.39	2.35	6.53	6.29	MMM
1977	6.27	3.40	6.71	14.89	1.29	2.92	4.21	7.99	6.20	3.75	7.79	4.00	69.42
1978	7.24	2.29	1.79	2.69	5.56	3.71	3.90	8.22	3.25	0.95	4.61	3.64	47.85
1979	6.95	9.51	3.60	15.40	8.71	0.43	12.90	1.74	5.85	2.54	4.20	2.54	74.37
1980	6.15	1.52	11.29	6.77	11.72	3.53	0.88	3.33	2.56	8.42	5.31	1.92	63.40
1981	1.98	4.44	1.61	1.13	6.62	10.21	4.87	1.64	1.21	1.95	4.98	3.54	44.18
1982	2.63	6.42	1.89	5.95	3.52	4.28	3.71	4.47	3.44	5.23	7.27	16.97	65.78
1983	6.18	5.44	4.53	5.90	8.00	7.03	3.32	5.28	4.97	2.33	7.08	3.42	63.48
1984	3.75	6.69	2.54	1.73	6.13	6.90	4.79	6.33	5.74	10.93	3.75	2.75	62.03
1985	5.55	5.67	3.65	2.57	6.82	3.80	4.54	7.89	4.95	18.91	2.87	3.78	71.00
1986	1.57	1.50	3.29	2.56	4.55	5.48	3.23	6.33	5.65	5.06	8.43	5.79	53.44
1987	8.06	7.40	4.97	0.58	5.99	4.70	3.92	3.05	1.44	1.97	3.30	4.75	50.13
1988	2.66	11.20	7.08	4.91	2.98	4.12	6.39	10.34	6.60	7.80	2.28	9.47	75.83
1989	4.18	1.14	4.08	1.19	6.44	16.56	19.31	4.61	2.31	0.54	5.40	6.04	71.80
1990	13.03	5.37	6.09	3.16	3.61	5.55	3.13	1.16	3.04	3.26	2.87	5.16	55.43
1991	12.71	5.20	2.60	8.88	15.89	8.38	3.64	4.12	3.95	3.91	3.01	4.33	76.62
1992	7.81	8.60	2.45	5.36	2.62	13.85	8.96	8.31	5.06	2.88	8.62	3.62	78.14
1993	13.93	3.02	5.15	8.41	4.00	7.92	5.83	1.15	2.07	3.97	10.11	4.54	70.10
1994	7.28	3.14	3.02	7.00	4.53	10.00	9.02	1.96	3.79	2.31	2.13	7.01	61.19
1995	6.19	2.79	10.90	6.08	3.68	1.52	7.14	8.12	2.08	3.96	7.96	7.38	67.80
1996	3.27	3.01	2.26	6.14	3.13	9.14	6.77	6.07	6.70	11.34	3.78	4.27	65.88
1997	5.86	8.90	4.28	8.11	10.96	5.73	MMM	4.36	0.87	3.26	5.94	6.19	MMM
1998	15.93	6.33	2.43	5.22	0.01	2.36	1.95	6.35	11.29	2.74	3.88	2.51	61.00
1999	9.33	1.69	4.50	0.80	5.47	6.27	4.30	0.40	5.43	2.50	1.47	3.53	45.69
2000	1.79	0.73	1.76	2.64	1.85	10.85	2.29	1.97	1.20	2.62	12.59	2.39	42.68
2001	7.01	1.87	7.84	0.63	2.51	13.21	1.34	6.85	8.31	4.56	2.33	2.86	59.32
2002	3.31	1.45	5.79	3.95	1.87	3.40	3.74	4.16	2.94	14.67	3.92	6.49	55.69
# of Months	113	112	111	114	114	115	113	113	112	111	112	114	93
Total Inches	602.49	520.74	503.02	517.9	597.36	647.55	664.71	553.91	468.75	387.88	479.4	621.46	5479.82
Avg	5.33	4.65	4.53	4.54	5.24	5.63	5.88	4.90	4.19	3.49	4.28	5.45	58.92

Greensburg	3846												
													Annual
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sum
1958	MMM	MMM	7.44	6.15	10.18	6.39	7.17	7.23	3.97	1.61	1.68	1.57	
1959	5.40	8.64	2.36	4.55	8.02	9.04	9.16	2.97	3.97	7.96	3.36	3.88	69.31
1960	4.14	4.89	3.61	2.17	3.13	3.02	7.62	11.57	1.66	1.93	1.10	3.41	48.25
1961	7.58	11.06	8.62	2.22	3.61	3.37	8.50	6.22	3.35	1.51	MMM	9.61	
1962	7.64	0.96	3.13	18.80	3.06	6.73	3.60	5.51	5.70	3.10	0.20	4.43	62.86
1963	4.21	MMM	MMM	MMM	MMM	MMM	MMM	3.85	MMM	MMM	6.56	MMM	
1964	7.88	6.00	9.72	7.90	3.27	5.29	7.41	MMM	4.82	8.45	8.77	5.10	74.61
1965	MMM	6.09	6.59	0.00	2.71	2.75	9.54	5.39	7.71	1.18	1.86	5.45	
1966	10.57	15.85	2.74	5.66	6.29	3.34	6.68	10.36	4.05	4.34	1.68	3.27	74.83
1967	3.19	4.92	2.24	9.95	5.23	1.32	6.09	5.94	3.18	2.21	0.25	6.59	51.11
1968	1.85	2.86	3.01	5.06	4.61	7.88	5.65	3.62	MMM	2.01	5.87	10.49	
1969	1.00	5.24	5.35	10.38	5.93	1.15	7.01	4.05	1.50	3.35	1.97	4.70	51.63
1970	3.58	2.84	5.41	2.83	2.16	3.55	5.77	7.56	4.14	6.39	1.81	6.52	52.56
1971	2.06	5.18	5.21	1.82	4.64	4.93	5.44	2.08	14.82	0.57	2.82	10.32	59.89
1972	7.37	3.80	8.09	1.58	13.27	3.43	6.23	3.81	6.70	3.71	4.99	8.79	71.77
1973	5.05	3.93	13.27	12.46	MMM	5.28	MMM	4.84	10.71	1.98	MMM	6.86	
1974	10.52	6.24	6.09	5.03	15.19	1.14	6.71	5.43	5.85	4.24	5.47	6.52	78.43
1975	12.65	2.13	MMM	8.08	10.01	5.93	5.39	8.12	1.80	2.63	1.34	4.17	
1976	4.43	2.07	MMM	0.71	4.78	5.98	4.48	4.90	MMM	3.34	6.57	5.92	
1977	7.78	4.54	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1978	MMM	MMM	2.91	3.99	5.80	1.67	1.29	10.86	1.96	0.01	6.41	2.56	
1979	7.61	10.80	4.64	15.10	6.14	0.28	10.36	4.60	2.88	1.74	7.91	4.85	76.91
1980	6.13	2.63	13.48	15.19	12.45	5.46	2.63	2.57	5.53	3.40	4.69	2.43	76.59
1981	1.06	7.04	4.51	0.68	4.97	6.35	4.34	5.11	5.72				
# of Months	21	21	20	22	22	22	21	22	20	21	20	21	13
Total Inches	121.7	117.71	118.42	140.31	135.45	94.28	131.07	126.59	100.02	65.66	75.31	117.44	848.75
Avg	5.80	5.61	5.92	6.38	6.16	4.29	6.24	5.75	5.00	3.13	3.77	5.59	65.29

Greenwell Springs													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1967						4.25	6.77	6.36	4.39	1.70	0.22	6.90	
1968	4.30	2.86	3.08	5.83	2.69	2.23	5.91	6.25	1.23	3.93	7.80	9.96	56.07
1969	1.56	5.49	5.23	9.85	3.90	0.65	14.54	4.36	1.18	10.74	0.77	3.52	61.79
1970	2.85	2.43	6.61	3.17	5.62	3.92	5.72	5.88	6.51	7.69	1.69	6.98	59.07
1971	1.32	5.89	4.69	0.31	3.40	2.89	8.92	0.77	11.24	0.87	3.20	12.77	56.27
1972	7.20	3.94	7.10	1.44	9.19	5.01	4.35	5.10	3.93	2.52	5.60	10.18	65.56
1973	4.60	4.01	12.67	11.46	6.52	3.19	7.26	2.71	11.57	2.86	5.90	8.79	81.54
1974	9.11	6.33	5.14	5.58	5.03	1.59	7.17	5.80	4.27	0.73	4.63	4.90	60.28
1975	8.34	2.08	6.16	8.13	9.86	5.03	13.07	5.38	8.01	1.73	1.80	3.23	72.82
1976	3.96	4.56	7.01	0.58	4.68	2.63	8.19	3.89	3.05	3.57	4.41	6.76	53.29
1977	7.51	3.13	6.16	9.94	1.63	5.26	9.65	14.95	11.87	3.45	11.04	4.78	89.37
1978	7.71	3.45	2.76	3.45	7.27	3.99	3.27	11.29	2.39	0.16	6.02	2.10	53.86
1979	7.38	10.53	5.16	14.20	6.83	0.11	12.22	5.08	3.15	1.59	5.89	3.52	75.66
1980	5.29	1.39	13.30	17.05	7.10	4.28	2.86	3.76	5.74	4.21	4.40	2.20	71.58
1981	0.98	7.07	2.36	1.40	8.20	3.95	5.26	2.39	1.60	3.13	0.76	6.90	44.00
1982	3.42	6.38	2.94	5.23	1.04	2.39	3.23	4.23	1.86	2.44	2.82	14.20	50.18
1983	6.95	8.12	5.46	14.95	7.18	12.66	1.52	16.23	6.39	1.86	5.54	9.63	96.49
1984	3.88	6.75	1.68	2.39	4.62	6.46	1.93	8.59	2.26	11.35	3.30	2.88	56.09
1985	6.32	6.22	4.37	2.59	2.37	3.92	7.24	7.75	5.20	14.83	0.80	5.11	66.72
1986	2.06	4.99	3.77	2.46	8.70	13.09	3.45	4.36	4.88	4.43	9.15	6.42	67.76
1987	8.62	8.37	6.43	1.54	5.62	5.92	8.86	10.18	1.59	1.07	4.72	2.32	65.24
1988	4.39	12.11	10.35	5.51	1.74	3.63	3.83	6.13	9.65	2.98	7.12	7.04	74.48
1989	3.80	1.45	6.66	3.09	11.90	14.90	6.24	6.18	6.83	4.38	13.18	6.57	85.18
1990	9.83	9.03	6.80	3.65	2.85	5.64	4.94	3.34	3.39	4.13	2.69	4.68	60.97
1991	9.97	6.72	3.88	9.55	11.74	7.16	5.96	7.88	3.51	3.41	2.87	2.76	75.41
1992	10.59	9.64	7.67	2.46	2.95	8.78	6.56	9.47	3.48	2.85	8.00	5.20	77.65
1993	12.33	3.29	6.34	11.23	2.02	5.88	2.27	3.97	1.36	5.38	6.89	3.44	64.40
1994	6.97	4.20	3.91	7.83	7.65	8.31	9.34	2.82	4.45	5.16	2.51	3.25	66.40
1995	7.65	3.60	12.21	9.60	11.43	3.78	4.91	4.75	2.62	6.81	6.54	8.24	82.14
1996	6.60	3.50	5.99	5.78	2.63	10.84	3.37	5.12	4.85	11.79	2.86	3.84	67.17
1997	5.78	8.00	2.95	7.80	6.33	7.55	4.90	4.89	1.68	2.57	7.18	5.65	65.28
1998	15.84	5.88	4.56	5.66	0.43	2.21	4.47	3.97	13.62	1.46	2.58	5.38	66.06
1999	6.51	1.69	5.69	0.21	5.39	5.48	5.90	2.54	5.11	8.36	1.37	5.75	54.00
2000	3.69	0.96	3.60	1.62	6.01	1.17	4.38	3.65	3.28	0.88	10.03	3.62	42.89
2001	3.84	3.21	9.63	0.67	1.98	25.06	4.64	6.46	4.29	5.16	1.25	4.05	70.24
2002	3.40	2.17	5.61	6.29	1.75	3.35	4.38	5.63	7.11	10.39	4.37	7.65	62.10
# of Months	35	35	35	35	35	36	36	36	36	36	36	36	35
Total Inches	214.55	179.44	207.93	202.5	188.25	207.16	217.48	212.11	177.54	160.57	169.9	211.17	2318.01
Avg	6.13	5.13	5.94	5.79	5.38	5.75	6.04	5.89	4.93	4.46	4.72	5.87	66.23

Hammond	4034												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1888												4.19	
1889	5.26	2.61	4.30	2.69	0.13	8.00	8.05	8.36	2.98	0.00	4.44	0.84	47.66
1890	1.33	3.43	4.20	11.16	5.48	5.54	9.18	5.00	3.79	6.30	2.70	3.00	61.11
1891	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1892	MMM	MMM	MMM	10.63	1.67	4.62	6.64	6.57	2.20	3.50	3.48	MMM	
1893	3.92	2.30	5.48	2.81	7.84	5.27	6.69	5.26	7.20	2.03	6.37	2.60	57.77
1894	1.78	7.89	7.60	4.78	1.83	6.72	10.46	MMM	MMM	MMM	MMM	5.14	
1895	5.59	5.69	8.02	3.30	5.91	6.45	5.16	4.21	2.28	2.97	1.44	4.31	55.33
1896	2.44	4.57	6.08	2.08	2.16	8.93	4.92	2.93	3.56	2.36	5.17	2.05	47.25
1897	5.27	6.66	5.55	6.45	4.72	2.50	5.02	13.46	1.96	3.46	2.56	10.81	68.42
1898	5.67	7.15	0.63	MMM	MMM	MMM	MMM	10.78	11.65	2.69	9.97	2.88	
1899	5.17	3.83	2.20	2.46	0.32	6.93	3.96	8.70	1.35	1.27	2.45	3.70	42.34
1900	10.68	7.42	7.12	10.55	2.86	9.27	3.77	3.56	1.44	2.52	0.63	6.95	66.77
1901	5.11	5.37	3.12	8.32	0.54	1.71	7.09	3.42	2.83	2.26	2.28	5.34	47.39
1902	2.35	4.21	4.05	3.23	3.25	1.41	3.19	6.44	4.17	4.96	4.06	5.69	47.01
1903	5.93	9.40	10.15	0.39	1.47	8.51	9.73	4.39	0.91	1.67	1.35	3.62	57.52
1904	3.95	2.57	4.11	1.29	1.79	4.34	7.01	8.88	3.57	0.31	0.94	4.82	43.58
1905	5.93	9.83	7.32	7.01	6.91	6.19	9.63	5.75	5.58	6.56	4.18	7.34	82.23
1906	3.99	3.42	9.37	2.38	3.01	2.63	MMM	MMM	MMM	MMM	MMM	MMM	
1907	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1908	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1909	MMM	MMM	MMM	8.30	8.24	6.81	4.90	4.48	7.59	1.13	1.32	4.89	
1910	1.95	5.78	0.38	0.15	4.27	9.71	12.48	3.03	4.19	3.01	2.04	3.81	50.80
1911	1.43	1.31	2.01	6.94	3.04	8.43	7.37	4.80	4.67	2.74	4.13	7.94	54.81
1912	2.41	5.13	8.15	8.15	11.67	5.23	7.95	7.38	3.75	1.75	1.75	14.05	77.37
1913	7.15	2.97	8.35	3.20	10.10	5.93	5.97	5.70	12.10	3.25	3.03	2.55	70.30
1914	1.40	5.60	6.20	5.47	0.00	2.85	6.12	6.35	2.85	1.55	6.00	4.40	48.79
1915	10.00	5.25	2.05	0.70	1.15	2.25	7.30	5.20	12.35	7.15	2.10	2.65	58.15
1916	9.00	2.70	1.25	4.70	7.30	3.65	16.83	4.37	5.45	3.50	0.90	6.15	65.80
1917	10.25	4.55	4.95	3.90	0.89	1.30	5.85	7.85	4.55	0.25	0.70	3.45	48.49
1918	5.30	2.45	1.85	7.20	1.05	2.65	9.10	8.20	4.70	MMM	MMM	MMM	
1919	MMM	6.40	6.80	5.65	9.45	3.80	4.60	2.60	0.85	7.05	6.70	2.20	
1920	1.20	7.30	4.95	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1921	MMM	MMM	MMM	5.45	1.40	3.05	8.26	4.65	4.01	2.25	3.27	4.95	
1922	5.65	5.35	12.34	2.76	4.68	5.95	4.09	5.28	2.61	4.20	2.96	8.20	64.07
1923	3.42	4.41	3.98	3.23	9.57	7.04	9.41	11.03	4.41	1.89	8.32	6.42	73.13
1924	7.48	3.28	3.56	2.64	MMM	MMM	1.55	2.25	2.28	0.45	0.06	6.66	
1925	9.20	7.39	1.42	2.79	3.55	4.85	2.80	1.48	7.13	5.90	1.72	4.55	52.78
1926	9.62	2.54	11.23	7.71	6.88	5.46	6.58	10.72	1.19	5.74	4.87	2.87	75.41
1927	0.72	4.95	7.60	4.42	2.97	9.09	4.44	6.14	2.86	3.80	3.94	6.16	57.09
1928	0.34	4.28	4.05	6.20	4.38	10.35	7.89	3.24	3.70	2.25	1.97	4.75	53.40
1929	6.79	9.79	9.32	2.75	3.10	3.08	7.39	7.29	2.21	3.60	11.45	3.40	70.17
1930	6.53	5.62	3.76	1.67	3.89	1.28	7.90	7.04	15.12	1.99	7.03	2.27	64.10
1931	5.40	4.65	4.46	1.31	3.15	5.20	11.46	4.23	1.43	1.63	4.91	9.01	56.84
1932	7.98	5.70	3.04	3.39	6.63	1.93	8.23	4.26	5.56	7.37	4.00	5.44	63.53
1933	2.55	7.31	5.08	10.14	3.15	1.92	7.49	6.80	1.57	1.08	2.62	2.93	52.64
1934	7.49	5.30	4.24	5.89	6.56	3.49	6.08	5.68	1.61	3.78	6.95	2.60	59.67
1935	3.76	7.62	7.08	8.83	5.48	3.65	7.33	3.90	1.87	0.45	6.10	6.33	62.40
1936	7.20	4.58	1.53	6.55	5.88	0.32	6.32	4.44	2.45	0.35	2.07	2.82	44.51
1937	6.12	1.27	5.79	3.44	4.68	5.82	7.30	7.74	2.72	17.44	1.94	3.06	67.32
1938	4.28	3.74	4.66	5.06	0.95	4.62	6.99	10.50	4.42	1.06	3.00	3.21	52.49
1939	4.12	5.20	2.33	2.96	9.93	5.50	6.66	4.33	1.85	1.78	2.00	2.65	49.31
1940	MMM	MMM	MMM	MMM	0.72	MMM	MMM	MMM	3.29	0.69	5.48	11.08	
1941	3.78	2.35	4.30	2.02	4.13	3.69	8.07	6.36	3.41	6.47	3.60	4.62	52.80
1942	5.22	6.68	3.83	0.23	3.56	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1943	MMM	MMM	MMM	MMM	MMM	MMM	MMM	2.58	12.05	0.75	4.04	6.06	
1944	7.84	3.76	7.28	2.80	5.01	2.84	4.18	6.06	4.80	0.26	8.21	2.72	55.76
1945	4.49	4.27	3.71	4.19	3.59	3.68	7.51	6.87	4.21	3.69	1.64	6.26	54.11
1946	6.51	3.92	9.10	1.14	14.49	6.42	4.96	3.98	3.00	1.72	5.79	3.97	65.00

1947	7.37	1.46	15.33	10.06	4.70	3.71	0.71	3.76	6.40	3.80	11.80	6.50	75.60
1948	5.07	3.46	10.39	2.89	2.50	5.85	2.42	4.95	10.47	1.11	15.30	5.04	69.45
1949	2.96	2.60	7.28	10.05	1.60	MMM	13.63	7.30	4.34	5.38	0.82	MMM	
1950	5.98	7.28	5.17	5.57	3.30	10.96	7.61	2.23	3.25	1.75	0.56	6.33	59.99
1951	2.73	4.22	15.33	2.69	1.07	4.38	7.09	2.69	7.64	0.72	2.16	4.04	54.76
1952	2.32	9.06	2.51	7.24	5.55	1.66	5.26	1.96	2.94	0.00	3.84	4.98	47.32
1953	2.84	8.89	4.19	7.43	10.41	6.48	6.45	4.68	0.23	0.75	9.69	15.30	77.34
1954	3.23	2.53	2.54	3.29	3.74	4.67	12.07	0.40	5.78	7.12	2.56	4.83	52.76
1955	5.23	3.88	0.12	11.14	2.66	2.46	7.04	5.91	3.65	2.70	7.14	1.61	53.54
1956	2.46	10.04	6.52	4.18	5.08	7.93	5.98	5.98	5.29	2.37	1.76	5.67	63.26
1957	0.91	3.51	4.19	8.72	2.36	5.35	3.28	4.93	8.49	2.13	7.36	3.72	54.95
1958	4.99	4.67	8.90	3.82	5.75	4.86	6.93	3.41	8.00	0.79	2.50	2.17	56.79
1959	4.18	8.31	2.43	3.47	12.39	4.68	9.06	4.53	3.26	5.71	2.94	2.81	63.77
1960	4.59	6.34	3.65	4.93	6.35	1.56	9.30	11.23	1.43	1.62	1.53	5.04	57.57
1961	5.56	13.14	8.98	6.43	3.49	5.17	4.79	3.25	13.14	3.14	10.92	15.19	93.20
1962	8.69	1.64	4.47	2.90	0.25	4.64	5.32	5.18	5.20	2.96	1.18	3.57	46.00
1963	4.24	4.78	1.44	1.53	3.49	3.84	11.32	3.55	4.64	0.22	7.09	5.49	51.63
1964	7.78	5.71	9.51	6.99	2.72	2.64	9.34	4.67	14.85	2.80	4.42	7.21	78.64
1965	5.34	MMM	2.72	0.20	7.19	2.23	6.67	4.82	4.31	0.60	1.64	4.98	
1966	11.33	17.15	1.87	6.84	3.29	3.31	4.70	7.21	2.31	2.31	1.72	4.32	66.36
1967	3.67	5.83	2.08	9.21	6.89	2.85	9.33	6.30	3.95	2.72	0.75	9.77	63.35
1968	1.43	2.98	3.28	3.55	2.64	5.16	3.98	2.52	2.77	1.55	4.81	7.99	42.66
1969	1.22	5.24	6.81	8.26	7.19	0.63	11.69	4.64	3.15	6.20	0.62	4.20	59.85
1970	3.15	3.23	6.34	2.82	4.16	6.54	7.63	7.57	4.56	8.22	2.76	6.88	63.86
1971	2.23	6.04	4.70	1.89	4.15	6.90	9.96	2.63	12.18	0.62	3.09	12.33	66.72
1972	8.38	4.25	5.78	2.36	11.91	2.30	6.83	1.31	6.74	3.62	5.80	11.32	70.60
1973	2.90	3.91	13.16	14.26	5.05	3.29	7.93	4.82	11.72	2.87	5.92	8.65	84.48
1974	7.23	5.45	7.70	7.38	14.80	2.75	6.58	6.51	5.05	4.21	6.38	4.31	78.35
1975	6.22	1.41	7.72	6.16	6.45	6.00	10.28	6.13	2.64	3.13	2.45	4.23	62.82
1976	5.03	4.20	4.94	0.43	3.65	4.11	7.70	2.33	2.28	2.88	6.13	5.58	49.26
1977	6.04	3.56	6.59	13.95	3.07	0.52	4.39	12.40	11.96	9.74	10.06	5.54	87.82
1978	7.17	2.70	3.40	2.84	7.45	2.49	8.95	8.59	6.17	0.09	6.01	2.81	58.67
1979	8.03	8.30	4.27	14.09	6.28	0.75	12.86	2.69	3.31	1.01	5.49	3.81	70.89
1980	5.06	1.51	13.00	15.43	10.98	4.50	3.31	1.77	4.41	5.38	4.38	1.40	71.13
1981	0.85	10.38	3.77	0.83	7.65	4.82	5.05	2.02	4.06	1.84	1.12	5.86	48.25
1982	4.11	7.53	2.94	5.04	1.93	8.71	5.70	7.99	2.90	2.99	3.67	9.60	63.11
1983	5.90	10.07	4.43	16.49	5.19	7.81	6.50	12.59	5.11	1.54	4.41	11.99	92.03
1984	3.97	7.70	2.87	2.88	4.13	6.77	5.13	9.80	1.04	7.19	3.41	4.43	59.32
1985	8.37	6.75	5.42	2.81	3.15	7.03	8.72	8.15	6.84	13.42	0.26	4.72	75.64
1986	2.30	3.77	2.82	2.33	3.70	6.56	9.71	2.92	5.00	2.68	8.27	5.17	55.23
1987	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1988	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1989	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1990	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1991	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1992	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1993	11.80	4.37	7.75	11.22	6.31	8.03	4.93	5.41	2.73	4.95	2.11	3.02	72.63
1994	6.15	4.80	6.80	5.39	2.70	4.13	12.93	2.17	8.34	5.68	0.89	4.00	63.98
1995	5.64	3.35	10.64	11.04	9.76	6.74	4.53	7.20	0.66	6.25	4.72	2.40	72.93
1996	4.37	3.52	5.56	7.83	2.06	5.61	1.87	5.85	6.41	9.16	1.90	6.92	61.06
1997	6.17	9.17	4.85	7.35	6.99	9.01	5.48	2.45	2.95	5.40	8.68	4.10	72.60
1998	17.10	6.07	10.30	7.20	0.00	1.90	6.80	3.70	14.95	2.05	3.05	5.37	78.49
1999	3.30	1.15	5.15	0.40	4.09	7.80	9.90	1.70	3.54	5.21	1.19	10.10	53.53
2000	2.79	0.78	2.85	1.54	0.10	3.63	4.23	8.25	3.45	0.20	10.65	3.71	42.18
2001	3.05	1.58	MMM	0.39	2.41	15.68	5.63	6.48	2.45	4.70	2.13	3.53	
2002	5.33	2.50	7.10	5.18	0.75	5.28	4.35	4.99	8.71	7.85	3.61	7.74	63.39
# of Months	99	99	99	101	101	98	99	100	101	100	100	101	89
Total Inches	507.71	510.52	550.49	532.38	468.86	485.54	693.71	549.04	493.93	336.16	410.28	538.64	5473.18
Avg	5.13	5.16	5.56	5.27	4.64	4.95	7.01	5.49	4.89	3.36	4.10	5.33	61.50

Houma	4407												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1888										5.27	0.82	3.53	
1889	7.23	4.20	3.80	1.41	0.81	8.16	10.49	6.22	6.80	0.28	3.25	1.62	54.27
1890	1.06	3.79	1.51	2.11	8.60	12.12	7.40	8.34	4.79	6.13	1.00	2.69	59.54
1891	7.53	10.87	4.54	0.00	0.50	5.13	10.58	4.64	3.26	0.24	4.08	5.70	57.07
1892	7.20	0.05	3.65	6.95	1.25	6.55	19.71	9.20	3.06	2.67	3.80	3.87	67.96
1893	3.40	4.19	5.34	5.60	5.70	5.66	MMM	MM	MM	0.00	4.01	0.06	33.96
1894	0.90	10.36	MM	3.50	4.89	9.65	7.59	6.45	2.87	0.25	2.10	1.38	49.94
1895	4.30	5.65	2.97	8.50	7.50	7.30	12.45	MM	1.34	0.94	0.60	2.96	54.51
1896	0.45	3.70	4.50	2.81	MMM	5.25	4.20	MM	5.72	4.76	5.63	4.25	
1897	4.12	4.70	1.48	10.64	0.15	4.01	5.82	MM	3.63	2.75	1.25	6.26	44.81
1898	4.78	7.30	1.70	2.32	1.65	7.63	MMM	MM	18.70	4.55	MMM	MMM	
1899	1.00	4.15	0.26	2.08	1.50	3.37	3.17	5.70	1.39	4.86	1.17	4.38	33.03
1900	MM	5.53	3.60	10.25	6.60	11.16	MM	5.87	2.90	MMM	1.47	12.02	
1901	2.64	4.97	2.10	4.83	1.06	3.96	8.75	6.89	2.63	3.65	5.61	5.37	52.46
1902	MM	2.70	4.65	0.60	4.38	1.53	4.69	5.74	5.12	1.72	3.81	7.28	
1903	5.92	5.58	4.40	0.65	1.99	4.28	7.60	11.12	4.33	1.14	0.16	3.12	50.29
1904	3.61	0.93	6.76	1.88	1.01	2.73	9.21	5.18	4.32	0.88	0.65	3.19	40.35
1905	3.74	5.18	6.13	6.75	3.83	7.12	8.62	10.52	7.13	11.62	4.47	8.82	83.93
1906	1.98	2.37	3.70	3.32	0.54	1.19	11.62	5.30	10.59	1.27	2.21	2.51	46.60
1907	1.66	5.28	0.84	5.86	13.45	0.84	5.62	3.48	9.19	3.12	4.10	5.48	58.92
1908	3.66	3.60	MMM	1.97	4.78	5.31	19.59	3.31	15.00	1.41	1.55	1.72	
1909	3.41	5.24	2.61	5.05	2.61	12.68	3.27	6.56	MMM	MMM	MMM	MMM	
1910	MM	MM	MM	MM	3.25	4.40	15.81	4.91	6.10	4.75	1.60	MMM	
1911	MM	0.90	2.10	7.10	2.80	5.00	11.90	12.27	5.54	1.93	4.33	7.78	
1912	3.39	5.07	3.17	2.30	7.33	6.70	7.24	2.45	3.02	1.58	1.90	10.05	54.20
1913	5.30	3.00	3.55	2.15	2.75	7.50	7.90	7.15	10.66	5.85	3.75	3.05	62.61
1914	1.45	5.65	3.05	9.65	3.05	3.50	10.80	12.80	5.95	1.90	MMM	MMM	
1915	3.48	3.91	2.65	0.00	2.10	0.10	1.21	7.63	MMM	6.75	1.60	3.35	
1916	2.95	1.01	MM	2.36	4.50	6.22	8.63	4.15	3.90	9.00	0.50	3.80	
1917	5.30	MM	1.80	2.10	1.25	1.37	9.25	9.20	3.40	0.00	MMM	1.50	
1918	8.80	3.56	3.40	MMM	2.73	4.49	3.12	9.65	2.88	10.99	3.60	13.62	
1919	5.77	4.19	MMM	MMM	MMM	MMM	MM	MMM	MMM	8.46	17.53	MMM	
1920	6.03	2.07	2.43	2.80	7.77	7.03	12.03	8.37	6.19	4.47	3.90	9.55	72.64
1921	1.26	1.41	1.26	3.34	4.21	9.58	11.70	9.16	3.93	1.10	3.60	4.01	54.56
1922	3.39	6.18	8.46	3.32	8.48	5.86	7.19	5.21	4.27	3.13	4.72	6.85	67.06
1923	2.42	1.77	4.44	4.23	6.49	11.81	7.40	9.63	6.12	2.89	14.69	2.13	74.02
1924	6.41	6.99	1.63	1.84	5.20	4.49	2.74	3.43	3.97	0.43	0.59	7.15	44.87
1925	5.28	2.30	0.94	0.39	2.86	8.30	7.83	4.44	7.34	9.77	5.07	4.82	59.34
1926	6.87	1.08	13.78	6.50	4.37	6.42	4.57	15.05	9.39	7.13	3.87	1.31	80.34
1927	1.09	8.45	4.82	6.70	3.89	7.66	5.31	MM	2.79	6.45	4.00	4.48	55.64
1928	2.28	6.33	2.69	3.03	2.29	11.49	8.98	8.34	9.27	4.61	1.97	4.09	65.37
1929	10.12	7.35	6.91	1.64	4.85	9.04	11.88	7.17	8.08	6.96	6.33	3.61	83.94
1930	8.64	2.96	4.27	3.28	1.24	1.34	8.16	5.55	9.11	5.27	6.35	2.24	58.41
1931	3.42	4.23	3.78	3.46	2.06	3.01	9.66	7.28	3.28	5.73	2.37	10.07	58.35
1932	4.76	1.68	2.50	6.46	5.68	3.52	5.90	12.93	8.14	9.92	3.51	3.81	68.81
1933	4.26	4.28	10.28	3.61	3.37	3.13	9.94	4.86	3.36	3.74	3.55	2.48	56.86
1934	5.51	2.28	2.61	2.70	4.73	7.83	6.61	13.35	1.71	3.29	5.00	1.95	57.57
1935	1.50	2.77	4.90	5.18	1.30	2.40	6.04	5.54	5.11	0.53	1.04	6.23	42.54
1936	10.40	4.33	2.66	4.19	6.37	1.38	10.52	7.08	2.57	3.41	2.79	2.98	58.68
1937	3.03	3.13	4.10	3.31	3.42	7.97	7.35	5.90	2.82	11.17	1.61	3.65	57.46
1938	4.37	2.50	1.21	4.75	6.13	5.37	6.75	4.93	7.33	1.45	2.10	5.12	52.01
1939	1.49	3.20	0.85	0.86	9.61	6.18	9.15	5.35	4.55	2.06	11.83	4.03	59.16
1940	2.35	8.85	3.35	10.40	1.21	14.00	10.43	10.57	5.26	0.25	2.33	6.88	75.88
1941	2.11	3.64	4.23	2.26	5.91	10.06	8.24	6.65	6.88	3.28	1.99	3.08	58.33
1942	1.32	8.39	6.22	3.46	5.05	15.00	12.94	10.19	9.08	11.00	1.32	3.56	87.53
1943	2.79	1.25	7.42	3.47	4.21	7.98	8.31	3.38	16.78	0.45	1.02	3.44	60.50
1944	9.38	3.12	3.85	6.68	3.89	3.16	4.89	13.36	7.01	0.37	15.50	2.61	73.82
1945	4.41	6.31	2.71	3.31	3.34	4.09	5.15	15.20	8.33	3.34	1.17	6.27	63.63

1946	5.50	3.79	12.39	2.20	9.09	6.91	10.00	2.60	12.76	0.35	4.21	3.45	73.25
1947	10.50	3.29	4.29	8.99	6.16	3.78	2.77	9.14	4.57	2.41	12.95	10.25	79.10
1948	5.02	1.65	16.49	2.88	1.34	2.47	8.00	4.12	15.61	3.03	12.17	5.52	78.30
1949	2.60	2.66	15.58	7.63	1.30	4.69	9.10	9.40	5.57	8.84	0.52	6.88	74.77
1950	2.43	4.23	4.46	7.20	4.23	9.27	8.35	4.36	2.18	1.64	0.91	9.61	58.87
1951	4.17	1.50	9.44	3.99	3.15	6.21	5.37	5.66	6.80	0.82	2.68	2.91	52.70
1952	2.85	7.04	3.41	8.12	3.14	1.74	6.50	5.70	8.21	0.00	2.28	6.03	55.02
1953	2.44	7.65	2.74	3.73	2.38	11.07	11.69	8.27	0.30	1.08	12.21	9.24	72.80
1954	4.49	1.16	1.68	3.09	6.43	6.80	18.85	2.29	4.18	6.33	2.25	4.75	62.30
1955	3.33	3.34	0.00	3.36	2.90	4.27	8.68	5.45	5.47	1.17	4.34	3.93	46.24
1956	2.85	4.73	3.51	3.29	7.65	5.64	6.07	6.98	16.41	1.89	0.88	4.98	64.88
1957	2.02	5.58	9.33	6.62	5.33	11.99	4.51	8.42	8.86	4.38	4.95	2.60	74.59
1958	6.83	3.61	7.94	1.53	7.98	5.45	11.83	8.79	10.60	0.91	0.97	1.83	68.27
1959	2.88	7.45	3.18	2.98	15.44	12.61	10.20	10.36	3.69	11.60	1.19	2.08	83.66
1960	4.31	5.06	2.89	4.82	1.57	3.84	9.07	10.55	1.53	8.41	0.14	4.04	56.23
1961	6.96	8.97	5.80	3.22	4.35	10.57	5.05	10.20	6.97	0.87	6.23	4.16	73.35
1962	5.29	1.12	2.21	2.28	0.35	7.90	2.99	3.96	6.67	2.95	1.74	2.93	40.39
1963	4.50	5.90	1.04	1.09	2.16	14.08	8.43	3.18	11.35	0.00	13.26	4.30	69.29
1964	8.33	5.39	4.41	7.35	2.35	4.86	12.02	6.27	5.61	9.05	2.43	4.10	72.17
1965	8.32	5.57	1.97	0.79	4.10	4.74	7.95	4.26	10.97	0.97	2.42	8.50	60.56
1966	12.36	10.28	1.52	8.65	10.81	2.60	11.43	7.07	5.72	4.00	0.78	6.64	81.86
1967	2.68	6.05	2.23	0.89	4.05	9.76	6.92	10.03	7.29	3.54	0.33	11.56	65.33
1968	1.60	3.67	2.57	7.27	2.10	3.97	5.03	7.40	3.39	0.63	4.59	8.53	50.75
1969	4.16	3.69	6.64	8.88	MMM	2.08	7.66	5.75	6.20	0.34	0.09	3.45	
1970	4.20	2.19	7.02	0.42	5.13	4.00	5.82	6.95	10.83	5.81	1.05	2.30	55.72
1971	1.81	3.80	1.54	0.83	2.23	9.94	9.29	4.06	17.61	0.93	3.73	3.68	59.45
1972	6.07	4.15	4.43	3.25	7.81	0.96	4.78	5.00	7.08	2.07	7.96	8.62	62.18
1973	2.96	3.77	9.50	14.06	0.56	3.33	5.95	3.15	19.41	3.49	4.01	7.68	77.87
1974	4.19	1.12	6.86	4.28	7.28	3.09	2.34	9.20	5.27	0.66	7.99	MMM	
1975	2.59	1.81	4.24	3.74	13.54	10.54	11.09	8.75	MMM	3.78	3.79	3.74	
1976	0.67	1.63	2.70	0.82	6.09	4.41	6.51	2.57	3.62	5.46	5.01	8.25	47.74
1977	5.07	1.73		3.17	2.95	2.21	6.70	12.89	9.24	4.09	7.14	5.43	60.62
1978	13.12	3.80	3.93	3.10	3.05	5.60	9.01	6.78	4.51	0.00	6.10	6.06	65.06
1979	5.67	11.20	1.49	6.82	9.78	6.03	9.61	8.20	4.97	1.50	4.59	2.97	72.83
1980	7.15	0.89	8.45	15.50	10.29	2.35	6.81	2.18	9.20	8.76	3.67	1.56	76.81
1981	1.31	9.53	1.67	0.26	5.15	4.85	7.41	6.45	5.21	2.45	1.39	5.04	50.72
1982	2.59	5.16	2.70	8.25	5.72	7.09	9.17	5.73	2.92	2.38	5.81	9.51	67.03
1983	6.18	6.56	5.13	6.79	1.99	7.03	1.62	10.12	5.10	1.25	4.40	5.60	61.77
1984	3.63	4.37	4.71	1.31	4.94	8.33	8.46	14.20	2.31	3.60	1.91	3.99	61.76
1985	4.96	9.27	5.36	2.60	2.15	4.61	8.71	11.34	4.34	12.36	0.61	2.14	68.45
1986	2.77	2.50	1.44	2.49	3.49	7.57	3.60	6.24	3.58	4.23	6.42	5.09	49.42
1987	8.08	4.67	7.07	1.78	10.39	12.45	8.62	4.88	4.26	0.64	3.84	3.40	70.08
1988	3.62	11.45	6.19	9.87	2.09	2.24	10.05	11.82	5.06	3.58	0.87	2.80	69.64
1989	3.74	0.02	4.59	2.06	7.69	9.51	8.20	5.91	3.90	0.47	3.60	3.54	53.23
1990	6.25	8.84	7.31	2.51	2.58	2.92	5.91	3.80	6.97	1.46	2.78	3.99	55.32
1991	13.98	4.57	6.14	11.46	20.84	4.95	11.90	8.33	9.19	0.96	2.92	2.35	97.59
1992	11.96	10.16	5.08	2.22	2.94	5.53	9.47	11.95	6.99	0.68	11.72	5.52	84.22
1993	4.59	3.26	6.11	6.35	7.24	5.50	10.31	6.28	5.16	7.47	4.16	4.33	70.76
1994	3.28	0.80	3.45	6.65	3.89	5.30	13.96	6.74	3.17	4.42	2.32	3.76	57.74
1995	5.58	6.50	9.84	1.24	4.16	4.70	10.64	4.77	0.73	2.14	5.36	1.64	57.30
1996	4.50	1.72	2.58	2.21	0.78	9.99	11.06	5.19	5.53	1.51	1.22	4.81	51.10
1997	5.64	7.28	3.41	3.80	6.87	5.00	7.76	5.51	3.06	1.85	5.80	3.39	59.37
1998	15.53	5.38	6.87	5.51	0.67	3.70	5.88	3.27	14.26	2.06	3.75	2.71	69.59
1999	3.24	1.25	2.99	0.07	2.99	13.11	8.41	2.35	3.87	7.35	0.28	3.30	49.21
2000	2.16	0.44	9.66	0.76	0.26	5.81	2.30	4.20	8.10	1.54	13.36	3.17	51.76
2001	3.47	0.89	7.43	0.84	1.87	19.93	8.97	11.69	3.06	3.93	2.52	2.64	67.24
2002	4.59	2.03	3.47	4.19	0.53	8.27	6.48	4.22	16.15	10.86	3.77	3.50	68.06
# of Months	110	112	108	111	111	113	110	107	109	113	111	110	96
Total Inches	511.49	490.6	485.64	463.97	496.79	711.16	901.18	762.58	702.46	409.87	437.14	514.54	6036.09
Avg	4.65	4.38	4.50	4.18	4.48	6.29	8.19	7.13	6.44	3.63	3.94	4.68	62.88

Jeanerette	4674												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1889	6.00	3.50	3.32	2.89	0.16	9.35	8.04	4.78	2.93	0.00	3.40	2.12	46.49
1890	1.83	2.95	2.60	11.16	5.87	12.06	6.96	7.90	3.04	5.16	2.13	2.05	63.71
1891	9.68	8.26	4.35	1.37	0.60	3.13	11.91	2.75	2.23	0.90	5.30	5.10	55.58
1892	7.47	0.87	3.44	8.98	4.20	14.36	23.08	4.80	MMM	MMM	MMM	MMM	
1893	1.41	3.05	3.70	2.11	4.68	9.01	6.35	6.84	10.21	0.91	6.70	2.00	56.97
1894	3.37	10.23	4.65	2.18	3.47	4.56	7.83	6.66	5.89	0.24	1.81	3.06	53.95
1895	3.95	6.38	3.72	3.30	3.45	8.77	5.10	7.31	3.40	4.29	4.16	5.69	59.52
1896	2.84	5.44	3.26	8.15	2.95	7.51	4.19	2.26	1.67	MMM	MMM	2.19	
1897	6.67	6.93	5.10	7.40	2.42	2.69	7.92	6.34	3.42	6.69	7.39	7.00	69.97
1898	7.47	6.01	3.25	1.63	0.67	12.35	4.84	11.97	15.06	2.02	8.31	4.61	78.19
1899	5.18	2.98	1.47	9.70	1.20	8.66	5.10	7.90	2.20	2.40	2.75	7.55	57.09
1900	3.35	5.53	7.22	8.25	6.30	12.90	11.40	7.70	2.11	4.95	0.75	5.85	76.31
1901	3.35	7.00	2.25	5.68	2.67	5.39	9.18	6.54	MMM	2.30	2.75	3.75	
1902	1.57	2.37	3.14	1.66	MMM	MMM	MMM	MMM	MMM	MMM	2.50	2.37	
1903	5.12	5.45	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1904													
1905													
1906													
1907													
1908													
1909													
1910													
1911													
1912													
1913		MMM	MMM	MMM	MMM	MMM	MMM	MMM	20.36	5.47	2.00	2.66	
1914	0.00	6.98	4.98	7.08	4.42	2.38	13.70	7.77	2.94	4.16	5.44	2.73	62.58
1915	7.59	4.40	2.80	0.00	6.57	2.65	9.20	MMM	MMM	MMM	MMM	MMM	
1916	3.85	2.45	0.30	4.73	6.43	1.96	6.95	3.99	2.64	3.02	0.75	4.79	41.86
1917	7.17	3.73	2.72	3.03	1.55	1.40	8.05	9.34	0.92	0.57	0.80	2.45	41.73
1918	3.90	1.38	1.27	3.99	4.22	5.85	4.66	7.90	2.04	10.60	4.15	6.92	56.88
1919	6.71	5.66	2.21	6.24	8.30	5.94	12.41	5.65	3.40	9.09	6.45	1.55	73.61
1920	6.73	3.99	2.08	2.36	4.78	8.11	14.05	9.59	1.58	3.66	2.99	11.80	71.72
1921	1.57	2.07	4.24	6.03	2.41	6.59	8.36	2.42	4.43	1.18	2.05	3.71	45.06
1922	4.75	3.23	8.09	3.92	7.70	7.14	6.45	6.87	7.44	4.48	4.37	10.31	74.75
1923	3.54	1.35	6.46	3.68	9.91	9.03	8.64	6.74	7.21	2.16	MMM	4.15	62.87
1924	7.50	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1925													
1926													
1927													
1928													
1929	MMM	MMM	MMM	1.50	3.55	4.14	10.50	4.69	5.47	7.67	12.96	6.60	
1930	9.08	2.39	2.43	3.17	3.67	1.45	6.18	1.22	8.22	3.88	4.05	2.84	48.58
1931	4.13	3.49	4.71	1.17	2.39	2.02	5.48	6.07	3.36	3.33	3.45	6.39	45.99
1932	9.78	2.98	3.56	2.49	5.00	5.37	3.26	6.40	6.20	7.07	4.19	7.35	63.65
1933	4.62	4.34	5.21	3.12	5.52	3.52	10.19	5.35	1.60	1.17	2.19	5.08	51.91
1934	5.89	4.99	2.97	2.64	3.83	7.64	6.82	8.61	2.72	1.31	7.73	2.32	57.47
1935	3.44	5.01	6.11	4.85	4.56	5.26	5.41	6.61	5.53	0.87	1.23	5.82	54.70
1936	2.85	4.27	1.61	5.90	3.60	0.60	9.22	5.45	2.59	0.55	3.13	2.95	42.72
1937	7.08	1.64	5.58	2.68	2.75	4.19	7.82	4.55	4.41	6.06	1.94	4.18	52.88
1938	5.11	3.10	1.30	4.10	3.24	2.84	8.38	3.03	2.17	0.97	3.23	3.85	41.32
1939	2.46	3.22	0.61	3.56	6.63	1.95	9.16	4.95	2.27	0.87	4.69	1.97	42.34
1940	3.16	6.09	2.86	7.52	2.07	11.38	9.07	13.82	3.16	0.05	5.09	10.63	74.90
1941	3.02	2.39	6.01	3.89	7.83	11.37	10.26	2.80	6.96	4.85	2.61	3.24	65.23
1942	1.60	7.71	5.47	5.62	4.89	12.95	4.24	7.68	11.16	4.46	0.00	2.65	68.43
1943	2.40	2.14	7.67	1.90	3.01	7.05	4.04	3.17	18.06	1.10	4.43	7.15	62.12
1944	7.11	3.84	5.65	3.01	6.64	5.09	7.49	6.06	7.05	1.23	10.83	3.62	67.62
1945	7.72	4.58	3.05	4.94	5.20	3.49	5.43	10.62	3.05	4.29	1.75	5.76	59.88
1946	5.79	4.59	9.59	2.61	9.59	10.65	22.88	4.73	5.03	2.49	8.27	3.34	89.56
1947	6.25	1.15	12.31	6.73	8.01	4.11	4.73	8.06	3.91	1.18	9.90	5.94	72.28
1948	5.31	4.02	8.45	3.01	2.09	0.97	3.44	6.39	5.40	1.06	7.99	8.20	56.33

1949	MMM	MMM	7.66	6.89	1.57	9.06	11.24	4.19	1.67	6.72	0.40	5.28	
1950	3.49	4.29	4.04	5.09	5.54	6.80	8.88	3.01	2.19	0.70	1.84	7.37	53.24
1951	5.82	1.15	4.96	1.20	1.61	2.15	13.95	1.45	6.50	2.00	2.16	3.40	46.35
1952	2.21	7.71	MMM	8.80	6.27	5.33	9.52	2.54	4.95	0.00	3.24	6.06	
1953	4.71	5.06	2.97	MMM	10.15	2.51	4.01	8.10	1.85	1.08	6.56	10.13	
1954	MMM	1.10	1.18	2.34	2.67	3.83	15.66	2.01	4.29	4.53	2.29	2.39	
1955	5.63	8.80	0.07	7.31	8.06	4.97	7.34	12.17	1.15	0.87	3.90	3.29	63.56
1956	2.83	7.29	2.56	2.50	4.43	7.67	3.49	5.20	0.99	2.51	4.73	10.30	54.50
1957	0.87	3.29	9.51	5.09	4.54	12.28	3.41	1.76	8.88	8.73	4.60	3.48	66.44
1958	4.80	4.69	4.47	3.72	5.26	2.51	8.74	10.63	4.61	1.48	1.58	1.58	54.07
1959	4.08	10.48	2.00	2.75	6.82	5.87	13.09	6.44	2.98	9.72	1.43	3.52	69.18
1960	2.97	3.50	3.69	4.97	0.70	2.80	7.37	15.42	1.23	4.14	1.72	5.69	54.20
1961	4.71	5.71	3.61	1.94	7.04	9.35	8.61	4.50	4.03	1.11	5.86	11.29	67.76
1962	4.09	0.30	1.83	2.49	0.00	9.42	5.30	6.90	2.83	6.48	0.64	3.96	44.24
1963	4.00	2.72	0.72	0.18	3.06	7.08	5.28	3.65	4.90	0.00	7.00	5.44	44.03
1964	6.19	4.78	5.56	3.25	2.59	3.24	12.32	7.43	4.69	17.93	1.85	1.43	71.26
1965	2.59	6.32	3.85	0.49	1.25	7.21	7.21	8.50	6.53	1.70	1.26	9.05	55.96
1966	10.28	13.56	1.18	7.72	1.95	5.55	9.44	10.47	10.72	3.93	0.82	1.67	77.29
1967	3.12	4.34	2.80	3.05	5.59	5.56	6.27	7.20	3.46	3.14	0.08	4.94	49.55
1968	1.60	3.17	2.52	1.43	3.70	3.59	5.94	7.55	3.98	1.52	6.62	6.64	48.26
1969	1.67	5.05	5.19	9.64	8.12	1.40	11.58	3.44	3.81	3.48	0.56	6.61	60.55
1970	2.01	2.35	5.69	1.82	3.52	6.45	8.95	7.84	8.23	MMM	1.95	4.27	
1971	1.56	3.73	1.25	0.81	3.51	8.04	7.24	2.78	8.74	1.34	2.13	10.50	51.63
1972	7.59	4.14	7.65	1.91	8.13	2.80	7.37	6.19	4.73	1.65	5.14	8.87	66.17
1973	3.88	2.64	9.78	9.29	2.33	2.51	4.00	4.26	18.68	3.81	4.47	4.92	70.57
1974	7.71	2.19	5.10	5.55	5.26	5.00	7.66	4.58	1.79	0.78	5.43	3.87	54.92
1975	4.85	0.28	4.05	3.18	9.79	7.97	7.10	10.25	2.17	2.17	2.76	3.62	58.19
1976	2.26	1.26	4.79	2.63	6.23	1.97	6.15	3.73	3.60	4.44	6.15	7.99	51.20
1977	5.26	2.03	2.21	7.51	3.22	3.00	6.85	12.51	7.87	3.74	9.67	4.80	68.67
1978	8.08	2.03	4.09	3.21	4.10	9.63	5.88	6.30	5.67	0.04	5.28	1.57	55.88
1979	6.28	10.13	2.35	15.39	7.89	1.29	9.72	6.31	6.57	1.75	3.63	3.37	74.68
1980	5.87	0.73	9.39	8.37	11.47	1.94	5.17	3.92	3.18	5.35	5.59	2.43	63.41
1981	1.43	3.69	0.94	0.62	5.28	8.93	11.37	2.07	4.77	1.96	2.46	5.98	49.50
1982	3.38	4.46	2.83	6.75	5.04	5.18	3.44	8.10	9.50	4.50	1.43	15.14	69.75
1983	6.66	5.22	3.45	5.65	6.66	12.10	3.58	9.22	6.31	2.18	5.74	2.45	69.22
1984	4.94	4.46	1.68	0.79	5.21	10.18	6.07	8.70	3.78	18.81	1.47	2.89	68.98
1985	7.74	5.47	4.84	1.11	3.36	2.80	5.61	7.07	7.35	9.52	1.05	6.06	61.98
1986	4.96	3.55	1.13	2.78	2.69	9.27	7.87	2.28	4.84	6.12	7.17	6.27	58.93
1987	6.84	6.04	2.17	0.85	5.55	13.75	5.18	10.99	3.47	1.32	4.24	2.44	62.84
1988	3.36	10.46	7.69	6.78	1.82	4.02	4.92	9.12	4.69	2.52	0.86	2.53	58.77
1989	4.67	1.30	3.55	1.54	4.33	16.25	7.29	6.77	3.04	0.81	5.66	3.97	59.18
1990	2.67	7.57	5.58	2.97	3.33	6.95	2.40	3.81	8.36	2.63	2.44	5.21	53.92
1991	10.62	7.39	5.26	9.33	13.60	7.96	9.16	6.03	4.91	4.97	1.99	1.61	82.83
1992	13.31	7.79	4.22	6.81	5.05	12.82	6.61	10.09	4.71	1.55	7.80	4.53	85.29
1993	9.59	2.20	3.89	12.27	4.51	6.17	7.94	5.53	2.50	8.83	5.27	3.26	71.96
1994	3.41	3.12	2.75	5.16	5.52	8.19	10.20	3.27	2.65	2.07	1.18	4.29	51.81
1995	3.73	2.32	12.10	5.83	4.88	2.40	4.31	6.34	4.23	4.95	7.61	6.88	65.58
1996	2.11	1.61	1.21	1.59	1.63	9.83	3.69	13.92	6.84	10.37	2.18	4.55	59.53
1997	4.31	5.32	3.23	7.94	10.02	12.49	4.88	3.56	4.12	2.06	5.67	5.28	68.88
1998	14.27	6.91	6.29	3.39	0.00	2.56	6.69	3.50	11.62	2.57	1.65	3.31	62.76
1999	3.80	1.44	3.76	0.24	4.88	7.48	6.94	2.77	4.07	3.74	0.95	4.38	44.45
2000	2.31	0.77	1.77	0.63	0.44	6.40	5.55	3.95	5.62	0.96	13.95	2.98	45.33
2001	3.71	2.11	10.54	1.09	3.07	10.51	7.10	8.67	15.80	3.67	1.48	2.70	70.45
2002	3.45	1.85	5.23	4.80	1.74	6.72	9.67	6.34	3.59	14.94	5.32	4.73	68.38
# of Months	97	97	96	97	97	97	97	96	96	94	95	97	87
Total Inches	471.65	414	402.6	419.37	443.98	619.57	753.58	607.61	497.68	346.6	375.52	475.46	5252.83
Avg	4.86	4.27	4.19	4.32	4.58	6.39	7.77	6.33	5.18	3.69	3.95	4.90	60.38

Kentwood	4859													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum	
1940								4.16	5.22	0.40	6.41	14.50		
1941	3.53	1.77	3.29	2.10	3.78	2.64	5.91	6.51	4.51	4.12	1.56	4.02	43.74	
1942	4.21	5.30	5.91	3.72	6.15	6.67	3.86	6.15	8.72	3.29	1.14	9.71	64.83	
1943	2.64	5.24	14.60	3.88	3.43	6.27	4.65	3.16	10.12	0.95	5.11	6.50	66.55	
1944	5.54	3.43	10.42	3.65	9.00	5.58	3.77	7.97	8.10	1.83	7.25	4.20	70.74	
1945	5.37	6.15	5.45	6.69	2.45	5.80	9.90	3.82	4.42	6.73	2.68	6.14	65.60	
1946	6.14	4.41	7.01	0.71	11.42	8.09	14.34	7.54	8.26	1.29	10.07	3.62	82.90	
1947	10.11	1.37	8.88	9.08	6.57	3.17	1.96	3.17	7.32	2.70	10.21	6.83	71.37	
1948	5.77	3.16	9.23	3.84	2.94	1.21	8.60	3.99	9.44	1.41	11.65	6.52	67.76	
1949	3.96	7.46	10.33	7.37	11.24	10.16	8.52	3.55	4.66	3.44	0.15	3.85	74.69	
1950	5.61	5.46	7.24	4.16	7.04	6.59	7.48	4.42	1.76	1.78	1.76	6.04	59.34	
1951	7.55	3.32	8.72	2.60	0.66	5.92	7.92	4.04	3.93	0.50	3.14	5.75	54.05	
1952	2.25	5.49	4.31	4.73	5.88	2.84	7.78	1.24	2.96	0.08	6.27	5.35	49.18	
1953	4.28	8.37	5.39	7.76	9.24	8.61	7.73	6.05	0.06	0.75	5.59	13.01	76.84	
1954	2.50	1.92	3.51	2.02	2.86	3.56	7.04	1.00	8.10	4.37	3.47	4.66	45.01	
1955	5.70	5.69	0.61	8.41	4.87	4.36	9.58	5.64	1.18	3.52	4.25	7.10	60.91	
1956	2.81	8.71	6.90	2.92	2.37	4.47	7.83	5.02	2.31	2.52	0.63	4.76	51.25	
1957	2.58	4.47	4.50	7.33	3.06	11.28	4.56	2.96	11.13	2.11	10.56	3.82	68.36	
1958	3.45	5.68	7.24	6.03	5.17	5.53	11.45	8.17	6.53	1.36	1.64	2.48	64.73	
1959	4.45	7.81	3.00	5.10	8.98	6.99	10.61	4.68	4.69	7.07	4.60	4.63	72.61	
1960	3.83	4.83	3.02	3.86	3.52	1.55	6.41	6.14	1.39	1.54	0.82	4.88	41.79	
1961	6.76	12.86	11.69	3.09	3.26	6.09	10.43	4.32	6.92	0.72	10.97	11.33	88.44	
1962	8.36	0.48	3.14	13.70	8.02	8.05	5.20	6.41	5.25	2.93	0.75	2.75	65.04	
1963	4.34	3.45	2.84	0.53	2.96	5.80	10.44	2.01	3.33	0.00	5.69	5.16	46.55	
1964	8.68	6.02	11.36	7.67	3.15	3.75	6.58	4.64	2.90	7.49	8.00	4.67	74.91	
1965	2.90	7.03	5.60	0.31	3.47	0.86	7.07	9.04	3.85	1.00	4.28	5.61	51.02	
1966	8.56	15.83	3.69	5.44	7.14	1.21	4.41	7.91	4.24	MMM	1.47	5.76		
1967	3.80	5.71	MMM	8.80	8.23	0.63	5.61	6.20	3.04	2.40	0.27	6.83		
1968	3.29	MMM	2.92	7.75	7.61	4.09	3.97	2.80	3.94	4.92	MMM	10.43		
1969	0.92	3.80	5.88	6.30	7.47	1.12	7.07	3.01	3.07	2.00	2.20	5.90	48.74	
1970	4.27	1.75	5.53	3.25	5.40	6.95	4.50	8.30	2.20	8.50	MMM	5.15	55.80	
1971	3.00	4.93	5.72	4.20	6.85	7.14	9.82	3.15	14.15	0.42	2.70	11.39	73.47	
1972	9.00	3.97	MMM	2.35	10.40	3.95	7.05	1.20	4.20	3.65	5.38	10.00		
1973	4.65	4.05	13.45	12.30	5.65	4.35	5.25	4.80	11.59	2.31	MMM	7.94		
1974	9.75	5.55	5.05	4.80	17.08	1.60	5.00	5.90	3.45	0.85	MMM	5.40		
1975	8.10	3.19	6.29	9.18	11.13	8.39	7.21	14.49	4.86	2.56	2.32	3.96	81.68	
1976	4.28	0.83	5.19	1.30	4.35	4.40	4.72	3.15	1.88	3.59	5.68	5.09	44.46	
1977	6.08	3.32	7.24	10.88	1.87	1.50	6.65	5.55	10.15	6.52	12.80	3.33	75.89	
1978	9.88	1.41	3.16	5.43	8.18	4.69	4.36	8.49	3.01	0.00	5.89	3.70	58.20	
1979	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM		
1980	MMM	MMM	MMM	14.71	MMM	3.26	6.05	1.68	3.67	4.10	4.74	2.26		
1981	1.07	5.33	4.86	0.67	4.54	MMM	6.78	2.83	5.58	2.52	0.45	7.41		
1982	5.45	7.62	5.89	7.64	3.73	3.80	2.73	5.20	1.95	3.73	MMM	14.76		
1983	7.61	8.83	5.34	15.25	5.46	9.27	2.93	11.46	3.85	0.70	5.49	9.79	85.98	
1984	3.88	6.25	2.88	4.06	2.36	5.23	4.48	8.29	1.42	9.59	3.46	2.11	54.01	
1985	5.19	6.61	4.74	3.94	1.76	4.52	6.47	12.82	5.30	8.97	0.40	4.25	64.97	
1986	2.31	3.73	5.40	2.81	5.37	3.86	2.62	5.71	1.81	3.81	10.52	7.98	55.93	
1987	9.68	11.95	7.59	2.52	3.77	5.56	3.09	7.28	4.86	0.56	4.19	2.72	63.77	
1988	4.20	11.22	9.14	4.83	2.18	8.17	4.87	5.38	6.66	5.36	5.62	4.91	72.54	
1989	6.42	2.51	8.02	2.43	6.05	10.40	8.61	4.37	6.84	3.46	6.90	7.31	73.32	
1990	13.38	9.02	6.24	5.90	5.38	7.93	6.05	0.79	1.72	4.14	2.91	4.69	68.15	
1991	9.01	9.27	3.27	10.01	11.66	3.06	5.08	2.26	4.93	1.91	2.81	2.69	65.96	
1992	11.39	8.12	8.60	2.83	3.58	6.25	4.82	8.01	2.89	1.59	10.42	4.74	73.24	
1993	12.59	2.96	6.93	10.06	3.87	5.09	MMM	MMM	MMM	MMM	6.63	4.27		
1994	6.91	5.61	2.90	5.97	7.04	6.15	6.42	2.33	6.48	7.74	2.14	3.08	62.77	
1995	7.01	3.61	9.22	9.51	6.47	6.49	1.84	4.39	1.99	6.14	6.11	6.79	69.57	
1996	3.76	3.67	5.02	3.68	3.35	5.71	4.95	4.81	2.60	8.22	5.51	3.66	54.94	
1997	6.21	10.76	4.88	8.69	3.80	9.94	1.55	1.54	1.84	2.97	5.31	6.67	64.16	
1998	12.37	6.37	5.24	6.85	0.18	1.32	10.07	2.59	8.65	3.99	2.83	3.17	63.63	

1999	8.66	MMM	10.87	0.52	2.98	6.73	5.85	1.31	2.99	4.86	0.76	4.02	
2000	5.24	1.47	3.25	2.56	1.47	2.46	MMM	5.45	7.34	1.14	10.30	MMM	
2001	6.55	4.82	12.13	2.12	0.07	18.04	7.63	MMM	6.43	4.94	2.35	4.42	
2002	3.55	3.19	8.39	4.22	3.65	2.61	4.78	10.17	10.31	9.08	5.06	5.86	70.87
# of Months	60	58	58	61	60	60	59	60	61	60	57	61	48
Total Inches	351.34	317.14	369.11	335.02	321.57	321.71	372.91	309.42	306.95	201.14	272.27	360.33	3080.26
Avg	5.86	5.47	6.36	5.49	5.36	5.36	6.32	5.16	5.03	3.35	4.78	5.91	64.17

Lafayette	5026												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1888				1.97	6.16	3.37	6.77	9.97	0.70	0.40	MMM	MMM	
1889	6.60	1.35	3.30	2.78	0.31	12.40	6.30	7.78	1.11	0.00	3.64	2.45	48.02
1890	2.56	3.46	2.65	7.70	3.32	6.22	5.19	5.38	4.90	7.24	1.61	2.30	52.53
1891	8.78	9.22	2.06	1.05	0.52	2.00	12.03	0.29	1.27	0.53	5.53	4.55	47.83
1892	6.29	1.83	3.46	5.51	5.34	13.97	13.12	3.05	1.33	1.88	4.30	4.95	65.03
1893	1.75	1.74	3.44	1.64	5.13	5.48	6.16	3.21	4.34	0.98	7.28	3.41	44.56
1894	4.37	5.84	7.49	3.51	2.61	1.59	7.13	7.29	5.09	0.75	1.44	2.17	49.28
1895	1.83	4.34	4.69	1.49	2.92	9.48	6.59	6.86	4.63	3.64	3.84	6.17	56.48
1896	2.70	6.87	4.59	2.78	3.23	6.33	2.42	1.95	1.19	6.82	6.20	1.64	46.72
1897	4.45	2.28	6.31	4.49	2.93	2.58	3.32	9.60	4.58	5.88	2.62	3.39	52.43
1898	2.47	4.84	1.63	3.67	1.56	13.01	5.28	10.99	12.20	4.88	9.00	3.13	72.66
1899	7.42	2.75	1.45	4.05	0.43	4.67	2.63	7.27	1.66	2.57	3.27	7.84	46.01
1900	4.85	6.83	3.77	7.53	3.31	8.59	12.65	3.93	1.45	2.12	1.49	6.55	63.07
1901	5.48	4.58	3.76	3.86	1.02	5.36	5.97	4.06	2.66	1.67	0.71	8.02	47.15
1902	1.35	4.06	2.57	3.41	1.98	2.12	2.90	2.04	4.33	3.09	4.38	5.02	37.25
1903	6.82	8.38	8.65	1.07	3.30	2.79	11.00	4.92	0.80	1.86	0.55	3.36	53.50
1904	3.76	5.20	4.66	4.43	4.23	5.86	8.75	7.44	4.77	0.44	1.58	5.09	56.21
1905	5.17	10.26	7.00	8.95	5.04	18.52	7.31	2.09	5.03	3.17	5.68	3.82	82.04
1906	3.52	4.44	6.22	4.08	0.82	5.62	8.27	2.24	1.49	5.27	0.87	2.33	45.17
1907	1.20	2.59	0.39	3.98	22.74	0.76	3.13	4.01	3.12	9.11	6.01	4.54	61.58
1908	4.06	3.83	2.02	6.11	7.57	5.46	13.17	5.69	6.83	0.49	1.36	5.30	61.89
1909	2.46	3.09	1.16	4.75	3.35	8.02	3.52	8.54	5.43	2.26	0.95	6.72	50.25
1910	3.13	2.59	1.47	1.78	7.05	8.62	10.90	5.55	0.85	3.07	4.68	4.16	53.85
1911	4.00	0.82	2.81	4.79	2.14	4.69	11.09	7.91	4.92	3.62	3.66	11.83	62.28
1912	6.51	4.73	5.00	4.58	5.17	7.00	8.17	6.18	1.62	1.37	0.28	15.74	66.35
1913	6.96	3.02	4.85	6.82	2.94	3.04	7.39	4.52	14.46	8.84	2.23	3.01	68.08
1914	0.73	5.61	5.04	4.91	4.76	1.90	5.27	8.28	0.38	3.37	2.23	3.69	46.17
1915	7.53	5.97	2.32	0.69	6.43	3.19	7.53	2.57	1.95	4.83	0.96	4.42	48.39
1916	10.05	2.08	0.19	2.80	7.46	5.31	9.23	6.86	4.40	1.32	0.66	4.32	54.68
1917	5.44	2.55	4.08	2.77	1.44	0.90	6.74	7.05	2.52	0.41	1.19	2.61	37.70
1918	4.72	2.51	3.97	7.31	1.64	5.20	4.64	4.76	4.46	12.02	5.81	4.58	61.62
1919	7.31	7.21	2.34	4.14	6.50	5.94	7.89	3.69	6.72	7.90	5.97	3.70	69.31
1920	6.55	5.10	1.94	4.46	3.53	5.22	10.85	8.34	2.81	2.76	4.26	11.39	67.21
1921	3.02	2.94	4.48	8.60	2.50	5.16	9.67	1.81	3.81	4.05	2.42	5.24	53.70
1922	6.21	6.59	8.88	2.71	8.45	5.74	4.60	8.05	5.91	2.38	5.47	12.82	77.81
1923	3.99	6.71	8.02	3.90	9.24	6.35	4.81	7.58	8.09	1.74	6.79	7.31	74.53
1924	8.73	4.15	2.13	4.07	2.57	3.97	2.05	2.69	0.67	0.00	1.26	3.81	36.10
1925	7.94	1.61	1.32	2.96	1.97	7.80	1.41	1.44	5.27	12.16	2.50	3.85	50.23
1926	8.57	4.49	12.38	10.02	7.72	7.17	2.74	5.33	2.12	2.77	4.52	4.94	72.77
1927	0.91	5.01	5.55	2.06	10.43	5.80	5.83	7.12	3.30	2.65	4.56	8.65	61.87
1928	0.35	4.79	5.56	4.72	2.93	7.64	8.10	4.25	5.31	2.35	3.42	5.21	54.63
1929	5.89	5.82	4.55	2.23	9.24	5.59	6.96	1.62	3.62	4.19	18.82	4.81	73.34
1930	8.68	4.29	3.27	1.37	3.58	0.36	9.04	6.02	9.41	5.77	5.32	3.86	60.97
1931	9.54	3.54	3.69	0.83	3.49	3.95	6.37	4.97	1.53	3.74	7.48	7.29	56.42
1932	9.45	3.42	2.98	2.66	5.23	6.50	5.81	4.66	6.36	10.16	4.66	8.06	69.95
1933	3.10	4.84	5.65	3.77	3.70	5.46	6.73	1.75	1.54	2.03	1.49	10.27	50.33
1934	5.40	6.35	3.14	2.12	3.68	11.45	9.47	6.78	8.47	1.48	8.95	4.16	71.45
1935	2.59	5.23	4.36	4.46	7.11	5.55	2.96	6.96	4.47	1.42	2.24	6.14	53.49
1936	4.84	4.57	1.12	4.89	3.96	1.30	7.62	3.18	1.52	0.72	3.17	4.18	41.07
1937	9.99	1.23	5.52	1.49	3.31	2.88	3.25	9.29	5.37	5.60	1.85	3.58	53.36
1938	5.97	3.06	1.44	5.04	1.48	4.84	6.91	5.05	1.56	0.88	3.72	2.97	42.92
1939	4.22	3.34	1.38	3.65	8.24	4.43	6.90	6.37	4.71	1.67	2.23	3.99	51.13
1940	2.08	6.70	2.27	9.62	0.92	11.66	5.31	37.99	2.58	0.14	13.07	6.38	98.72
1941	5.01	2.23	5.36	5.70	10.12	5.72	10.69	3.91	9.56	2.37	1.97	3.91	66.55
1942	1.72	5.28	4.35	10.32	4.43	12.00	3.64	3.03	5.82	2.50	0.16	4.57	57.82
1943	3.82	2.43	5.83	4.80	2.38	2.81	3.70	1.34	11.02	1.43	3.64	5.94	49.14
1944	6.43	3.30	3.69	2.78	7.23	0.76	6.09	6.44	4.92	1.34	7.90	4.35	55.23
1945	5.14	5.98	6.12	3.66	4.60	6.79	7.15	7.14	3.22	4.45	1.88	6.68	62.81
1946	9.89	4.52	5.48	2.63	13.80	7.03	MMM	1.38	3.07	1.80	6.70	3.40	
1947	6.79	1.59	13.42	4.16	6.16	1.74	1.34	4.63	2.55	1.34	7.89	6.05	57.66

1948	5.09	3.79	5.93	3.75	2.54	2.38	3.38	4.02	4.64	2.28	10.91	5.51	54.22
1949	8.02	3.92	10.86	4.57	3.04	4.50	12.66	9.42	2.47	13.70	0.19	3.67	77.02
1950	8.07	3.38	7.59	8.08	4.54	10.72	6.28	3.92	1.22	0.90	1.33	9.27	65.30
1951	7.10	2.57	5.59	1.87	1.44	4.41	7.75	1.96	4.50	0.54	2.23	6.86	46.82
1952	1.36	7.66	3.40	8.48	6.15	1.83	4.61	2.83	5.17	0.10	4.90	4.54	51.03
1953	2.17	6.61	4.35	6.95	10.69	2.68	6.99	7.95	1.63	1.15	6.48	8.61	66.26
1954	4.49	1.58	2.24	0.77	2.47	1.27	12.91	2.94	2.38	4.97	1.76	3.77	41.55
1955	4.35	8.75	0.00	10.24	6.55	5.07	7.48	4.81	2.21	1.50	2.99	5.24	59.19
1956	2.32	6.90	4.10	1.90	5.67	5.20	3.48	5.13	2.02	2.42	3.76	9.25	52.15
1957	1.11	2.73	7.06	6.62	5.07	9.34	2.01	3.94	9.64	7.08	4.34	3.79	62.73
1958	3.63	4.39	3.14	6.34	4.91	5.60	9.35	4.76	4.99	2.32	1.23	2.17	52.83
1959	6.17	12.49	1.97	2.54	7.10	3.76	9.26	2.78	3.52	7.49	1.57	5.09	63.74
1960	2.63	2.04	1.93	5.94	1.19	0.82	7.20	7.19	2.51	3.74	1.36	5.51	42.06
1961	4.37	6.84	2.61	3.66	7.37	9.86	8.59	4.31	6.41	0.91	7.49	6.97	69.39
1962	6.20	0.70	2.68	5.08	3.53	4.43	1.37	2.58	3.34	6.41	2.14	3.87	42.33
1963	3.96	2.98	0.88	0.99	0.94	6.98	8.91	4.53	8.01	0.00	4.13	2.98	45.29
1964	6.22	3.39	6.98	1.92	4.69	1.67	10.52	7.42	7.05	10.57	3.31	2.85	66.59
1965	3.25	5.05	3.82	0.67	2.70	4.35	4.42	7.56	6.83	0.45	1.42	4.58	45.10
1966	9.80	12.12	0.55	6.53	4.14	4.75	5.28	7.08	5.08	2.12	2.48	1.75	61.68
1967	4.03	3.28	3.25	3.30	7.27	2.16	16.57	10.45	3.12	5.57	0.13	10.65	69.78
1968	3.53	3.43	3.05	2.56	6.43	4.65	3.30	3.76	3.90	1.34	6.65	3.16	45.76
1969	3.32	6.14	6.72	11.95	5.02	0.53	6.35	3.54	2.22	2.31	0.52	4.43	53.05
1970	1.98	2.22	4.43	2.01	3.05	4.60	5.30	8.68	7.20	7.54	1.80	4.84	53.65
1971	0.55	3.40	3.10	0.48	5.33	4.46	9.94	3.68	10.68	3.98	2.58	12.21	60.39
1972	9.10	4.38	6.66	3.97	6.43	5.30	4.23	2.33	3.95	2.12	5.19	7.36	61.02
1973	3.85	3.38	11.62	6.34	6.01	2.99	4.90	4.34	16.15	2.74	4.54	4.05	70.91
1974	10.44	4.67	3.06	7.06	2.20	3.14	7.46	9.37	4.63	1.15	5.28	5.95	64.41
1975	6.92	1.45	3.63	5.99	9.45	7.54	14.52	8.70	2.58	1.51	2.71	3.59	68.59
1976	3.09	3.22	8.77	0.59	4.34	4.52	4.73	3.70	6.44	3.54	6.84	6.73	56.51
1977	6.07	1.99	3.52	11.51	1.18	2.97	7.84	8.21	7.54	5.07	6.39	3.50	65.79
1978	7.79	2.13	2.78	2.79	4.22	8.25	6.12	8.70	6.81	0.30	4.54	3.17	57.60
1979	6.89	8.25	6.24	15.57	8.17	0.04	12.80	5.66	3.73	1.87	3.57	2.32	75.11
1980	4.78	0.71	6.60	8.42	13.52	2.36	1.58	2.59	6.24	5.09	5.80	0.89	58.58
1981	1.02	3.96	1.18	0.97	3.67	8.33	7.81	2.20	0.77	1.50	2.89	5.51	39.81
1982	2.62	7.13	2.82	4.32	3.46	2.22	2.49	4.60	8.06	3.13	5.72	14.68	61.25
1983	5.23	4.07	4.14	3.85	8.75	7.97	4.96	6.74	6.17	3.09	3.18	2.85	61.00
1984	4.58	4.58	0.73	1.04	4.54	4.22	8.22	4.96	2.19	12.79	2.62	5.53	56.00
1985	5.73	4.02	4.25	0.78	4.41	4.17	8.11	MMM	5.14	15.65	2.42	3.58	
1986	2.75	2.92	2.86	1.80	6.08	6.81	4.28	2.76	2.83	5.05	5.52	6.34	50.00
1987	6.51	6.10	3.23	0.45	6.47	9.25	7.33	3.57	1.54	1.38	2.75	3.73	52.31
1988	2.11	8.81	4.35	3.20	1.60	4.30	6.11	7.43	5.88	2.85	0.89	7.07	54.60
1989	4.18	0.69	3.41	1.13	6.45	16.23	9.86	3.41	3.16	1.25	7.71	9.00	66.48
1990	7.68	6.36	5.87	3.28	3.11	4.89	5.02	3.97	3.04	2.14	3.21	6.52	55.09
1991	11.03	5.72	3.16	7.66	13.43	MMM	6.84	3.23	5.67	7.73	1.25	2.53	
1992	13.96	7.58	2.71	7.21	2.43	6.97	9.06	10.39	4.23	1.66	6.97	3.86	77.03
1993	16.74	4.07	4.71	11.88	3.18	4.88	8.96	3.27	3.30	4.77	10.12	5.19	81.07
1994	6.22	3.30	2.52	6.55	5.11	7.92	6.72	6.08	5.23	3.35	1.93	7.42	62.35
1995	5.87	3.24	10.50	4.47	7.40	1.26	6.65	3.61	3.26	9.02	11.36	10.20	76.84
1996	3.72	3.33	4.43	4.77	1.34	11.30	4.28	9.03	8.16	10.32	1.51	4.93	67.12
1997	5.81	8.51	3.58	8.20	6.90	8.48	4.98	3.62	2.19	2.54	6.22	5.25	66.28
1998	12.73	6.25	6.24	5.19	0.19	7.46	3.42	MMM	MMM	MMM	MMM	MMM	
1999	MMM	MMM	5.29	0.81	8.14	8.45	3.38	1.23	4.86	1.37	0.78	4.38	
2000	2.85	1.05	3.27	1.30	1.69	6.96	6.97	2.37	3.51	1.04	11.57	3.25	45.83
2001	5.06	2.16	10.66	1.80	2.76	19.96	5.74	7.51	9.76	5.10	2.27	2.86	75.64
2002	5.10	0.84	5.31	3.20	3.21	7.47	8.39	9.81	3.10	18.27	3.43	5.35	73.48
# of Months	113	113	114	115	115	114	114	113	114	114	113	113	109
Total Inches	595.24	495.21	491.55	502.38	557.02	648.29	770.13	623.72	510.64	422.47	453.2	603.78	6377.91
Avg	5.27	4.38	4.31	4.37	4.84	5.69	6.76	5.52	4.48	3.71	4.01	5.34	58.51

LSU Ben Hur	5620												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1963	3.27	4.13	0.79	0.48	1.87	5.92	5.54	8.05	3.79	0.00	6.02	5.34	45.20
1964	5.91	5.38	7.08	3.44	2.74	3.78	11.90	3.73	3.29	9.39	4.27	3.78	64.69
1965	2.92	6.65	5.57	0.31	6.37	1.88	3.98	3.73	5.53	0.57	2.07	5.46	45.04
1966	9.89	16.22	1.69	5.70	3.21	2.63	7.04	3.29	1.28	2.95	1.64	2.37	57.91
1967	3.60	4.68	1.89	5.83	4.58	5.14	5.40	5.31	3.10	1.45	0.13	5.65	46.76
1968	1.74	2.42	2.73	2.56	4.56	5.29	3.07	7.09	1.34	0.11	6.74	MMM	
1969	1.63	6.52	4.72	9.58	4.05	0.51	6.58	2.20	0.78	6.41	0.73	3.37	47.08
1970	2.72	1.09	5.13	2.07	3.95	6.06	5.63	4.50	6.79	5.98	1.62	5.67	51.21
1971	1.31	4.59	5.32	0.74	2.96	2.97	7.04	2.59	7.23	1.73	2.84	10.93	50.25
1972	7.77	5.18	6.11	0.96	9.03	1.55	4.43	3.36	4.79	4.17	5.28	9.78	62.41
1973	3.55	2.77	11.77	MMM	MMM	MMM	4.48	5.85	11.11	2.54	7.97	7.90	
1974	7.07	4.77	4.62	7.76	6.43	1.14	7.24	5.90	4.87	0.55	5.16	4.20	59.71
1975	8.60	1.24	4.30	8.15	8.95	6.17	10.61	9.59	2.34	1.28	3.10	3.37	67.70
1976	2.22	3.80	6.72	1.35	MMM	1.65	5.51	2.57	3.29	2.71	5.07	5.58	
1977	7.45	2.59	3.72	11.02	2.17	2.55	7.09	12.40	9.96	4.83	8.83	4.50	77.11
1978	6.50	2.32	2.13	3.38	9.44	5.25	2.65	15.12	4.58	0.00	4.97	2.26	58.60
1979	7.85	8.03	4.12	14.47	5.86	1.37	13.40	3.14	2.51	1.25	5.45	3.21	70.66
1980	4.19	0.88	10.00	12.03	10.08	3.59	5.03	4.14	6.71	4.17	4.27	1.27	66.36
1981	1.00	8.08	2.29	1.04	4.28	9.16	6.31	2.36	3.42	1.68	1.22	6.75	47.59
1982	3.69	5.61	2.79	5.15	1.85	3.64	1.76	7.00	3.25	4.19	3.42	13.13	55.48
1983	5.39	5.92	4.80	8.81	7.20	9.32	3.23	10.81	6.10	1.11	4.68	5.94	73.31
1984	3.27	6.40	1.63	1.48	4.47	4.31	2.51	4.99	3.53	8.72	2.19	2.21	45.71
1985	5.86	4.83	4.86	4.70	2.69	3.23	6.80	6.05	8.51	8.54	1.27	4.34	61.68
1986	1.90	5.33	2.55	2.39	2.76	6.27	5.07	4.32	1.47	4.27	12.41	6.31	55.05
1987	8.59	8.04	5.14	0.92	6.89	12.05	5.99	11.88	1.54	0.96	4.39	2.17	68.56
1988	3.35	14.55	6.88	3.87	1.13	2.90	4.69	5.14	3.61	3.60	3.38	5.99	59.09
1989	4.12	1.16	4.61	1.40	6.55	21.26	6.37	7.87	5.34	3.23	7.84	7.15	76.90
1990	8.07	8.01	6.64	2.20	2.92	7.54	2.33	0.61	4.88	3.34	3.51	6.07	56.12
1991	9.05	6.14	5.28	9.31	14.12	8.51	5.56	4.92	2.76	4.04	1.90	2.66	74.25
1992	10.95	10.22	5.79	3.48	2.91	7.52	10.73	6.35	4.12	3.98	8.14	4.72	78.91
1993	13.27	3.36	5.02	10.21	3.68	4.54	3.52	5.22	1.16	6.00	3.04	3.79	62.81
1994	7.16	3.81	3.74	5.46	6.08	7.76	6.27	3.87	2.42	3.17	2.07	2.87	54.68
1995	5.53	3.07	11.33	8.58	6.54	2.11	2.80	3.19	1.86	5.75	7.88	7.76	66.40
1996	4.71	3.87	3.60	7.46	4.36	5.32	4.70	5.90	5.14	10.65	2.72	4.13	62.56
1997	5.92	7.39	3.03	8.15	8.07	12.78	4.22	6.82	2.44	3.63	6.73	3.99	73.17
1998	13.28	5.14	4.20	3.63	0.09	2.34	1.87	4.20	9.96	1.30	2.78	3.90	52.69
1999	4.18	1.64	3.02	0.16	4.02	8.68	4.61	1.26	4.02	6.09	0.90	5.09	43.67
2000	2.45	0.98	3.31	1.56	1.27	5.15	5.20	4.06	3.14	0.89	10.77	3.14	41.92
2001	3.74	0.90	10.07	1.28	1.38	21.95	6.54	6.35	5.44	4.67	1.01	3.52	66.85
2002	3.43	1.93	7.51	5.13	1.68	5.76	4.11	4.63	8.47	9.49	3.50	6.08	61.72
# of Months	40	40	40	39	38	39	40	40	40	40	40	39	37
Total Inches	217.1	199.64	196.5	186.2	181.19	229.55	221.81	220.36	175.87	149.39	171.91	196.35	2209.81
Avg	5.43	4.99	4.91	4.77	4.77	5.89	5.55	5.51	4.40	3.73	4.30	5.03	59.72

Melville	6117												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1886	5.71	1.53	7.40	10.10	0.62	7.80	6.54	0.72	5.47	2.55	3.17	2.41	54.02
1887	4.82	2.63	2.38	2.09	7.12	7.45	7.03	1.64	3.58	4.13	1.20	6.11	50.18
1888	5.36	9.18	6.40	1.86	7.03	3.37	2.28	9.04	3.52	3.88	2.32	6.20	60.44
1889	5.56	1.91	2.18	2.10	0.55	5.43	5.05	6.17	0.70	0.46	1.78	2.71	34.60
1890	2.50	6.44	5.45	12.45	4.86	6.12	4.75	5.50	2.33	4.38	0.87	3.07	58.72
1891	12.36	7.57	1.89	2.30	0.13	3.83	10.38	3.55	0.59	1.48	4.22	5.21	53.51
1892	5.52	3.01	5.23	5.73	2.39	7.72	7.51	7.01	0.63	0.47	4.77	3.55	53.54
1893	3.92	3.10	1.85	2.43	9.26	3.75	2.49	4.94	3.64	0.15	6.23	4.53	46.29
1894	4.14	7.24	9.46	4.21	3.55	4.34	4.41	3.88	4.88	0.65	1.79	2.30	50.85
1895	4.05	6.01	5.00	6.75	5.78	3.93	7.15	3.30	2.45	5.60	5.00	5.40	60.42
1896	1.16	6.00	9.00	3.10	4.52	4.93	0.90	8.95	1.80	8.30	4.30	2.70	55.66
1897	5.51	6.19	3.55	1.57	3.90	5.76	2.70	10.70	1.70	3.78	4.60	4.90	54.86
1898	8.25	4.55	3.40	4.70	0.50	3.84	7.74	2.93	9.40	6.67	6.29	3.05	61.32
1899	9.15	2.42	2.89	2.20	0.00	7.99	2.55	6.28	0.55	1.45	2.40	8.70	46.58
1900	5.72	8.85	4.45	10.98	0.55	6.72	4.81	6.37	3.30	4.40	5.70	7.30	69.15
1901	3.40	5.20	4.10	6.20	1.50	2.20	4.15	5.20	4.10	1.30	3.20	8.30	48.85
1902	2.60	3.30	4.40	3.50	3.15	0.85	1.76	4.30	5.00	2.20	4.53	8.00	43.59
1903	6.40	6.72	15.68	1.85	2.46	4.85	9.60	2.62	2.10	2.84	0.34	4.46	59.92
1904	4.10	0.74	5.47	2.92	1.36	2.33	11.63	5.75	2.95	0.50	2.20	5.11	45.06
1905	6.50	10.11	5.10	18.90	7.63	6.58	5.77	5.08	5.50	1.62	5.03	3.93	81.75
1906	4.15	4.10	15.63	3.96	0.70	0.92	10.30	1.60	4.19	5.35	3.65	3.65	58.20
1907	0.80	3.50	1.10	7.05	19.90	3.15	6.52	2.80	1.53	1.95	6.45	2.85	57.60
1908	4.32	7.05	3.96	6.62	9.20	1.75	9.45	10.05	4.15	0.20	0.48	2.63	59.86
1909	2.90	7.18	1.56	4.20	7.39	4.05	2.60	6.94	7.54	1.98	1.67	6.03	54.04
1910	4.06	2.26	0.20	2.35	4.99	6.62	10.00	1.61	2.64	1.62	3.65	4.71	44.71
1911	2.87	0.93	1.72	11.00	2.20	4.14	9.56	9.04	1.35	1.92	3.54	13.67	61.94
1912	4.34	3.20	5.92	4.63	14.20	3.75	5.45	3.57	0.83	1.65	0.95	17.30	65.79
1913	5.20	2.77	6.27	3.90	5.89	1.69	3.70	1.96	9.13	6.63	2.02	3.76	52.92
1914	0.64	3.48	5.63	6.97	2.21	2.36	3.37	7.72	1.81	2.68	5.29	4.83	46.99
1915	7.29	9.49	1.86	0.60	9.13	2.68	2.78	5.25	2.39	5.07	1.71	4.92	53.17
1916	8.48	2.18	0.72	4.65	8.44	3.02	7.78	4.83	2.92	2.20	0.70	6.16	52.08
1917	6.01	5.97	4.58	6.47	1.17	2.65	5.36	7.18	4.27	1.33	1.56	2.30	48.85
1918	8.53	1.65	1.95	6.30	1.25	3.90	2.56	2.30	1.85	4.50	6.65	5.45	46.89
1919	6.55	6.75	2.00	4.30	7.00	4.80	3.65	1.05	MMM	5.25	3.70	3.10	
1920	6.45	4.50	3.30	4.50	4.90	1.70	10.20	9.15	2.20	2.10	1.10	11.25	61.35
1921	1.75	0.75	5.05	9.35	1.25	3.00	5.70	1.05	3.60	2.40	0.40	3.90	38.20
1922	8.15	5.30	7.30	2.60	7.95	4.05	7.90	3.47	2.94	2.81	6.00	9.21	67.68
1923	2.31	6.10	8.13	9.69	8.67	10.87	4.24	7.04	6.92	1.89	5.78	9.83	81.47
1924	8.35	3.90	3.15	2.98	2.12	1.08	0.10	3.00	1.55	0.00	1.00	6.13	33.36
1925	11.71	3.65	3.60	1.38	1.49	3.60	1.84	2.15	9.72	9.28	2.71	3.18	54.31
1926	6.68	5.38	17.34	7.58	6.54	2.02	1.26	8.42	1.07	3.18	4.40	3.94	67.81
1927	1.35	10.35	6.15	3.31	4.87	3.92	5.07	4.15	1.08	1.24	6.06	8.48	56.03
1928	0.72	5.93	4.87	4.26	6.60	9.84	7.14	5.01	3.21	2.55	3.08	4.20	57.41
1929	6.58	9.42	8.79	4.68	6.07	0.67	3.32	3.23	2.70	4.10	18.20	8.00	75.76
1930	10.06	3.63	2.91	0.87	2.63	0.00	2.73	6.67	6.44	1.81	4.87	4.68	47.30
1931	8.08	3.45	3.83	0.57	7.19	1.59	5.72	6.20	3.13	3.24	7.54	8.94	59.48
1932	11.33	2.84	1.64	1.93	5.49	3.32	5.99	4.40	4.71	4.23	6.58	9.18	61.64
1933	1.86	6.28	4.17	7.07	4.47	1.57	9.53	2.83	0.58	0.89	2.63	6.13	48.01
1934	4.69	7.17	5.44	4.52	5.34	8.14	9.66	3.96	2.28	2.10	7.65	3.55	64.50
1935	4.32	4.23	10.32	6.45	17.00	2.62	5.95	2.94	2.48	0.27	2.73	6.75	66.06
1936	4.82	5.23	2.09	4.61	5.48	0.00	5.31	5.17	2.89	1.26	4.74	5.36	46.96
1937	18.87	2.68	3.82	3.29	5.10	2.86	3.67	3.76	3.51	5.19	2.25	3.38	58.38
1938	5.49	3.24	3.54	7.65	1.77	4.85	2.31	6.50	3.62	0.32	4.73	3.92	47.94
1939	4.66	4.79	6.27	2.84	8.28	5.94	5.37	3.82	4.01	8.82	1.25	3.22	59.27
1940	3.11	5.85	3.46	8.83	1.67	6.77	7.47	16.94	3.26	0.10	7.39	10.40	75.25
1941	4.35	1.88	6.61	6.72	8.50	5.36	7.39	2.44	3.13	2.43	1.84	4.12	54.77
1942	2.76	4.56	5.94	4.10	3.75	6.74	2.57	5.47	7.74	3.66	0.61	8.92	56.82
1943	3.81	6.14	8.67	3.29	3.77	2.61	3.03	1.92	7.22	2.25	6.20	7.18	56.09
1944	6.84	3.93	7.53	3.31	5.23	3.13	2.80	6.23	9.78	0.83	6.96	5.81	62.38

1945	6.14	5.26	3.89	5.43	5.15	6.76	5.31	2.35	2.27	5.00	2.91	5.85	56.32
1946	8.27	5.40	5.15	1.92	11.45	5.03	9.86	3.96	3.42	3.65	10.15	3.57	71.83
1947	12.15	1.64	8.88	6.26	4.65	4.23	1.95	3.41	3.55	0.40	8.06	5.39	60.57
1948	7.02	5.05	10.88	3.88	1.88	2.32	2.91	3.27	3.09	0.54	11.03	4.43	56.30
1949	6.76	5.18	10.52	9.55	2.07	5.15	7.06	3.83	2.91	6.75	0.32	2.85	62.95
1950	10.88	6.68	7.48	5.35	7.07	7.25	2.12	2.18	1.65	1.85	1.67	5.92	60.10
1951	8.94	4.62	6.14	0.94	0.52	3.73	3.87	2.95	8.58	0.90	3.99	7.49	52.67
1952	2.04	6.33	3.21	7.86	8.65	2.30	4.28	2.27	0.71	0.10	5.89	6.41	50.05
1953	2.86	8.49	4.69	7.39	29.52	1.85	5.01	6.22	0.08	0.53	3.66	8.71	79.01
1954	4.36	1.78	2.76	1.27	4.64	1.15	10.87	1.48	0.57	3.07	1.63	MMM	
1955	MMM	12.27	0.61	9.42	4.96	3.26	5.79	4.62	1.39	0.46	5.59	6.15	
1956	2.29	6.63	7.78	2.87	2.86	10.75	2.83	5.35	1.55	1.49	2.34	9.69	56.43
1957	2.36	4.71	6.07	6.78	3.31	12.61	3.66	2.69	8.81	4.52	5.92	4.53	65.97
1958	4.22	2.83	4.05	4.93	MMM	7.48	4.96	6.02	6.70	3.35	2.60	1.94	
1959	6.64	8.72	2.01	3.91	4.77	6.25	8.95	2.02	2.65	4.72	2.69	6.37	59.70
1960	3.87	3.30	1.92	2.55	2.11	1.35	2.30	11.14	2.87	3.70	2.47	6.89	44.47
1961	6.39	7.72	5.47	3.27	3.43	5.76	8.66	1.80	6.22	1.43	7.31	5.35	62.81
1962	5.74	0.59	2.52	5.52	1.29	4.26	0.54	2.40	1.85	5.06	1.60	3.79	35.16
1963	8.00	3.35	0.85	0.93	2.31	5.93	5.32	3.79	1.39	0.00	4.69	6.18	42.74
1964	5.12	3.34	8.23	4.21	5.54	1.63	6.65	4.16	5.96	6.92	4.08	5.27	61.11
1965	1.97	5.18	5.48	0.28	3.63	0.96	4.99	2.22	5.80	0.11	2.79	5.39	38.80
1966	8.04	11.67	0.67	10.95	5.55	2.49	5.45	4.60	2.84	5.01	2.13	2.52	61.92
1967	3.27	5.03	2.33	9.30	9.35	2.66	3.35	3.47	2.65	3.27	0.26	7.65	52.59
1968	3.15	2.37	3.54	4.15	3.96	2.69	2.67	5.54	2.71	1.45	4.35	7.00	43.58
1969	2.43	8.83	5.96	7.77	4.50	0.64	6.85	2.56	1.51	5.25	0.53	4.45	51.28
1970	2.21	1.80	4.02	3.32	4.64	4.35	1.10	2.68	5.83	8.46	1.81	3.24	43.46
1971	1.33	4.02	4.35	0.41	6.13	2.73	7.27	3.44	9.75	3.18	2.54	15.74	60.89
1972	5.90	1.73	6.96	1.82	3.84	2.98	4.49	1.18	2.79	2.80	5.04	8.00	47.53
1973	MMM	4.35	10.32	7.30	2.65	5.04	6.47	2.49	11.39	1.81	8.81	4.97	
1974	15.59	7.72	2.77	5.00	3.88	5.33	3.38	5.08	5.42	4.02	5.62	6.67	70.48
1975	7.22	1.74	4.27	6.66	10.41	5.07	6.87	8.67	5.41	2.06	3.02	3.40	64.80
1976	2.00	3.01	8.55	2.05	8.10	2.93	6.26	0.45	3.43	1.64	5.03	6.68	50.13
1977	5.36	5.26	4.65	11.47	2.60	1.23	6.80	9.92	6.64	2.91	10.20	3.63	70.67
1978	MMM	3.07	2.45	2.68	4.23	6.33	3.93	5.80	3.43	0.16	3.97	3.28	
1979	7.53	10.57	2.93	13.34	5.14	0.36	9.54	2.56	6.47	2.98	4.86	3.96	70.24
1980	8.51	2.90	14.05	9.27	8.90	3.84	2.21	2.84	2.48	5.36	6.54	3.70	70.60
1981	2.17	4.16	2.39	0.92	7.25	8.21	7.81	1.04	3.80	3.06	2.96	4.35	48.12
1982	2.90	6.39	2.46	6.20	1.76	2.34	3.54	6.14	2.69	2.50	6.84	15.83	59.59
1983	7.72	6.85	4.37	9.67	8.54	9.89	2.73	7.35	2.94	3.05	5.86	8.22	77.19
# of Months	95	98	98	98	97	98	98	98	97	98	98	97	94
Total Inches	523.32	484.93	497.93	502.12	507.9	410.64	517.16	449.69	362.76	279.61	400.42	564.42	5210.64
Avg	5.51	4.95	5.08	5.12	5.24	4.19	5.28	4.59	3.74	2.85	4.09	5.82	55.43

Metairie/DPS6	6157												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1949												6.44	
1950	1.57	2.81	6.02	5.85	2.53	6.24	6.73	2.11	3.27	1.54	0.58	6.42	45.67
1951	4.70	3.34	8.99	5.93	2.02	4.89	4.65	0.73	6.57	2.26	3.19	3.44	50.71
1952	3.70	10.25	3.81	6.34	5.91	2.24	6.30	1.94	4.46	0.00	2.93	6.82	54.70
1953	2.11	7.48	4.54	7.27	1.96	8.09	10.67	7.73	0.26	0.62	12.15	9.98	72.86
1954	3.32	1.56	2.50	1.35	4.15	2.44	8.48	3.47	6.13	3.06	2.71	3.11	42.28
1955	7.99	7.13	0.37	7.35	3.71	2.69	11.14	8.95	4.84	1.19	2.96	2.72	61.04
1956	2.01	7.88	3.64	4.40	5.10	11.32	6.90	3.14	7.51	2.35	1.87	7.16	63.28
1957	1.58	3.67	5.39	7.18	5.14	11.49	4.11	5.60	11.33	2.73	4.24	4.48	66.94
1958	6.49	3.88	8.03	3.20	6.82	4.42	8.64	3.41	7.15	1.21	1.29	1.66	56.20
1959	3.36	13.03	5.51	4.44	11.47	10.82	11.84	6.38	3.52	6.08	1.86	1.75	80.06
1960	5.67	5.32	5.16	6.36	5.30	0.86	6.64	9.12	3.99	6.91	0.26	4.44	60.03
1961	7.90	9.94	7.93	4.43	4.56	7.78	6.33	6.25	4.87	1.17	6.21	6.83	74.20
1962	3.98	1.79	1.24	3.96	1.95	12.35	2.36	3.30	4.25	2.44	2.45	3.10	43.17
1963	3.65	5.90	1.76	2.11	1.46	7.33	4.12	1.49	6.86	0.00	7.18	5.31	47.17
1964	10.10	4.97	5.34	7.24	2.11	3.25	5.85	3.05	3.67	3.92	2.93	3.34	55.77
1965	6.17	5.17	2.89	0.90	3.69	5.56	3.07	7.14	MMM	MMM	MMM	6.67	
1966	12.77	8.92	3.21	9.96	7.22	2.30	12.35	7.44	6.71	4.17	0.69	4.83	80.57
1967	4.23	6.96	1.58	2.52	3.31	2.72	10.62	9.96	5.66	5.45	0.56	8.45	62.02
1968	0.83	3.53	1.76	3.06	3.81	7.38	4.66	7.73	1.85	2.59	5.04	9.18	51.42
1969	2.87	4.32	7.15	4.77	7.06	2.01	1.97	9.00	3.72	0.83	1.41	5.36	50.47
1970	3.41	2.50	7.42	0.73	7.77	6.59	10.71	9.78	5.43	4.32	0.88	2.86	62.40
1971	1.92	5.10	3.56	0.73	1.79	4.26	3.15	5.70	16.04	0.82	3.94	6.67	53.68
1972	6.00	5.14	5.30	1.43	7.48	1.18	11.57	4.17	3.76	3.24	8.69	7.96	65.92
1973	2.29	5.09	10.21	11.09	5.44	8.13	7.58	3.51	12.21	3.51	4.15	12.00	85.21
1974	6.87	6.16	4.40	5.93	9.96	1.53	7.37	5.05	7.44	0.74	6.46	4.77	66.68
1975	3.49	3.96	4.80	6.04	7.02	11.80	9.47	9.08	5.18	2.78	5.53	3.44	72.59
1976	2.91	3.29	3.28	0.36	8.25	7.85	7.64	3.00	1.43	6.33	6.32	9.04	59.70
1977	6.08	2.62	5.87	3.25	1.74	0.61	4.33	18.67	9.96	4.23	8.92	4.50	70.78
1978	10.58	2.31	3.51	3.33	9.70	11.94	9.73	9.53	4.90	0.00	6.20	4.70	76.43
1979	5.04	10.26	3.28	6.17	6.02	0.28	6.59	3.63	3.95	1.03	4.40	2.50	53.15
1980	6.43	3.30	11.16	16.82	8.72	1.28	3.96	1.97	3.48	7.76	3.25	1.38	69.51
1981	0.60	9.21	2.55	1.47	3.30	9.20	4.84	7.66	4.45	1.50	0.93	7.39	53.10
1982	1.18	5.39	2.93	6.01	5.16	5.57	8.56	3.07	3.83	3.65	3.77	9.47	58.59
1983	5.13	9.95	4.09	15.54	3.58	7.30	1.16	5.47	5.73	2.80	3.15	7.60	71.50
1984	2.40	3.84	3.92	1.64	2.75	4.69	2.24	6.57	1.18	1.98	2.21	0.85	34.27
1985	4.02	4.35	6.57	0.29	1.16	2.50	7.32	7.14	4.34	10.36	0.69	3.71	52.45
1986	2.71	3.37	2.02	1.23	0.92	6.34	5.37	10.50	2.02	3.16	8.41	4.62	50.67
1987	9.21	6.95	5.07	1.34	5.26	10.98	3.86	3.57	2.87	0.55	3.07	2.16	54.89
1988	4.33	11.04	9.89	9.06	3.09	8.67	5.02	13.22	10.08	1.17	1.69	1.93	79.19
1989	1.38	0.01	5.29	3.02	2.62	4.46	8.38	MMM	1.96	2.15	14.04	4.04	
1990	9.49	6.29	4.68	2.24	8.18	2.69	4.61	2.16	4.90	2.06	2.28	7.23	56.81
1991	20.94	4.28	MMM	MMM	12.69	15.78	10.03	8.15	6.04	1.12	3.19	4.39	
1992	10.50	9.39	7.01	2.54	0.56	MMM	7.41	15.88	9.33	0.58	16.94	7.71	
1993	7.19	2.91	6.73	4.98	6.67	6.17	10.16	4.00	4.42	5.15	2.92	3.74	65.04
1994	3.32	1.24	4.56	1.86	4.68	6.84	13.14	7.04	6.72	3.37	3.75	4.11	60.63
1995	6.20	3.69	11.67	5.01	24.37	2.46	7.16	6.33	2.83	2.57	4.13	4.50	80.92
1996	6.77	3.79	3.16	4.11	1.78	2.30	8.29	5.88	4.20	2.82		9.34	
1997	5.91	6.08	2.99	6.26	MMM	10.83	7.46	2.10	0.78	2.70	7.04	2.89	
1998	21.24	4.20	9.08	4.60	0.69	4.60	6.92	10.33	23.00	0.75	4.45	3.56	93.42
1999	2.81	0.77	4.14	0.05	2.06	11.56	4.72	4.62	MMM	3.84	1.01	2.90	
2000	2.61	1.23	2.76	0.65	0.42	12.54	1.91	4.43	MMM	1.39	13.34	2.26	
2001	2.96	0.54	11.70	1.20	1.63	22.42	8.06	11.40	9.12	3.62	3.65	4.03	80.33
2002	4.19	2.69	4.10	3.86	1.82	8.09	4.60	5.36	20.19	14.05	3.30	8.97	81.22
# of Months	53	53	52	52	52	52	53	52	50	52	52	54	45.00
Total Inches	285.11	268.79	264.52	231.46	256.56	337.62	360.75	326.91	298.39	154.62	223.21	278.71	2827.64
Avg	5.38	5.07	5.09	4.45	4.93	6.49	6.81	6.29	5.97	2.97	4.29	5.16	62.84

Morgan City	6394												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1905	3.25	5.40	5.72	4.26	2.60	6.46	10.89	6.31	7.40	4.64	1.78	5.78	64.49
1906	1.08	1.42	2.24	2.54	1.42	0.40	8.52	4.84	5.06	4.18	0.24	1.84	33.78
1907	1.50	2.48	1.12	4.82	11.21	1.64	4.48	8.87	5.28	4.14	5.08	5.46	56.08
1908	3.08	2.34	2.12	1.44	1.58	4.08	11.60	7.57	9.51	2.00	0.18	2.70	48.20
1909	2.64	2.72	3.08	3.36	2.30	11.58	2.36	4.38	4.42	1.26	2.80	4.99	45.89
1910	3.27	4.00	0.68	0.85	4.18	6.68	15.43	6.30	4.00	3.45	1.40	3.06	53.30
1911	3.97	1.08	1.53	2.71	2.41	5.36	13.64	13.06	6.02	4.44	3.94	3.41	61.57
1912	5.09	3.99	5.91	1.03	4.06	7.60	7.11	2.90	1.60	2.02	0.48	9.04	50.83
1913	4.43	2.91	1.28	2.75	4.29	2.96	13.64	4.12	9.11	8.51	2.25	2.34	58.59
1914	0.60	6.93	5.64	5.56	3.59	2.20	13.96	4.99	5.60	0.89	4.64	3.44	58.04
1915	5.92	5.58	1.15	0.00	3.08	0.73	9.07	7.11	4.15	4.14	0.47	1.66	43.06
1916	2.34	2.06	0.52	1.94	5.37	2.23	10.37	8.79	3.38	5.56	1.89	3.24	47.69
1917	6.43	3.27	2.23	2.82	1.88	0.54	7.82	7.85	2.30	0.32	0.63	2.02	38.11
1918	4.58	2.66	1.70	5.59	5.41	3.33	3.15	13.85	3.27	11.78	4.75	10.88	70.95
1919	5.73	3.77	5.61	4.59	6.66	6.11	10.80	7.36	2.59	2.31	4.76	1.16	61.45
1920	5.30	1.77	1.34	2.33	3.84	5.30	12.19	7.08	4.35	4.56	2.94	8.72	59.72
1921	2.42	1.37	1.13	4.74	3.31	5.49	8.58	5.13	3.07	0.00	2.29	4.58	42.11
1922	3.28	2.78	8.21	1.61	10.82	6.10	8.89	5.23	3.00	5.13	3.89	7.49	66.43
1923	4.08	1.63	3.48	1.60	5.97	6.57	12.69	6.79	5.20	1.82	10.54	2.29	62.66
1924	7.31	4.72	1.72	3.74	2.95	4.82	3.15	2.38	2.87	0.06	0.91	5.53	40.16
1925	4.54	1.42	0.63	0.58	1.74	9.50	6.93	7.67	9.19	8.62	4.78	4.61	60.21
1926	9.07	3.88	12.05	6.77	3.92	2.63	3.27	13.48	4.94	4.99	3.59	1.27	69.86
1927	0.96	2.16	12.18	15.75	2.47	5.33	4.84	8.31	3.73	4.55	2.81	4.08	67.17
1928	0.63	5.58	2.67	5.98	2.83	9.36	7.79	7.31	11.70	3.10	1.66	4.29	62.90
1929	8.22	5.52	6.00	2.02	1.89	5.10	8.99	4.44	6.49	2.87	8.67	7.50	67.71
1930	10.46	4.00	3.68	2.14	3.20	1.10	4.06	6.25	12.20	5.90	5.63	2.35	60.97
1931	4.29	5.11	4.77	2.05	4.22	2.76	8.52	4.79	2.56	4.87	2.92	10.22	57.08
1932	8.34	2.57	4.94	3.66	6.18	1.20	8.74	11.65	7.40	6.32	2.63	7.04	70.67
1933	3.56	5.81	8.18	7.31	4.32	2.60	7.11	6.12	4.24	2.68	4.12	4.35	60.40
1934	9.61	3.85	5.16	2.63	4.44	11.06	9.61	11.57	5.96	2.62	10.65	2.81	79.97
1935	2.98	6.92	5.16	6.94	2.55	5.08	5.15	9.91	5.35	0.34	1.19	6.77	58.34
1936	5.20	5.02	3.34	3.89	5.98	1.32	8.33	9.91	4.05	3.36	5.46	4.29	60.15
1937	5.57	3.51	4.83	3.25	6.20	5.71	4.77	6.56	4.45	8.51	1.55	7.52	62.43
1938	6.83	5.52	3.51	3.00	1.89	8.81	6.30	5.11	3.77	3.71	4.19	3.78	56.42
1939	1.51	6.10	0.72	1.60	6.94	6.33	9.45	6.06	6.28	1.39	4.70	2.78	53.86
1940	6.64	14.74	5.44	6.03	0.63	11.34	9.24	12.08	8.97	0.14	1.86	9.62	86.73
1941	3.04	4.08	7.53	3.57	4.73	6.93	11.94	3.17	7.38	7.28	2.23	4.83	66.71
1942	1.82	7.57	5.81	2.60	5.07	14.62	11.66	8.11	11.18	7.96	0.70	4.10	81.20
1943	3.16	2.30	11.81	1.46	2.00	5.82	3.92	9.99	22.69	0.92	2.88	3.08	70.03
1944	9.07	5.78	2.09	3.61	4.09	5.06	6.73	10.53	10.41	1.63	13.98	2.11	75.09
1945	6.86	7.89	4.43	3.67	2.97	1.27	8.12	12.37	4.98	2.88	0.88	2.91	59.23
1946	7.62	6.57	9.56	5.73	18.40	12.38	19.68	5.07	12.11	1.71	7.43	5.02	111.28
1947	7.06	3.05	4.53	MM	5.25	2.68	3.16	9.89	4.07	0.30	15.11	12.07	
1948	4.71	2.40	9.62	4.31	0.57	2.22	3.38	4.73	15.84	1.41	7.64	7.13	63.96
1949	2.02	2.24	8.22	7.55	2.89	3.75	9.08	6.52	7.00	6.45	0.34	MM	
1950	5.42	3.46	3.32	7.24	5.08	7.73	10.20	4.11	2.11	1.04	1.64	8.48	59.83
1951	5.19	1.94	7.09	4.04	2.48	3.79	13.74	3.38	11.03	1.61	3.30	3.23	60.82
1952	2.75	9.09	1.22	6.59	4.11	0.91	9.97	6.86	6.52	0.00	3.26	5.33	56.61
1953	2.63	5.89	3.98	6.24	2.73	5.16	8.91	4.69	0.96	1.39	8.73	11.80	63.11
1954	3.70	1.19	1.36	3.36	6.21	2.34	9.21	5.49	3.79	5.21	2.51	3.28	47.65
1955	5.51	4.01	0.07	5.47	4.67	1.35	11.44	9.66	5.30	0.95	3.97	3.87	56.27
1956	3.10	7.01	3.59	3.64	4.55	7.76	5.21	4.68	4.92	5.16	1.40	9.93	60.95
1957	1.22	3.39	6.64	8.79	4.14	8.42	5.05	8.62	6.65	5.54	7.40	2.63	68.49
1958	5.83	2.65	6.51	2.10	6.08	3.70	8.12	8.31	5.82	3.04	1.61	1.80	55.57
1959	2.96	9.58	2.66	2.61	8.30	6.75	9.25	7.15	5.09	9.75	1.42	3.73	69.25
1960	3.41	4.28	1.27	6.06	5.19	3.41	3.47	10.05	1.82	4.39	0.86	5.06	49.27
1961	6.03	8.62	2.62	2.10	3.98	12.91	5.65	6.14	7.47	2.87	6.75	4.99	70.13
1962	5.56	0.39	1.68	5.22	0.28	9.14	6.36	2.81	2.91	6.27	1.59	4.87	47.08
1963	2.18	4.93	1.15	0.19	1.31	15.82	4.07	4.96	6.84	0.00	11.65	4.78	57.88
1964	7.71	6.28	6.64	5.13	2.45	2.48	20.34	6.23	4.84	9.64	2.99	2.38	77.11

1965	4.78	6.82	2.50	1.50	4.45	4.28	6.85	9.03	8.15	1.48	5.26	7.15	62.25
1966	10.64	11.22	1.29	9.28	5.78	2.97	6.97	9.34	5.48	4.85	1.56	3.33	72.71
1967	3.92	4.87	1.53	0.84	8.15	1.64	2.90	7.00	7.37	4.19	0.59	11.06	54.06
1968	1.42	3.59	2.76	5.66	3.07	6.43	6.78	6.66	5.77	3.93	5.60	5.10	56.77
1969	2.61	4.52	7.61	6.47	10.30	3.20	10.16	7.68	1.89	1.64	0.42	4.58	61.08
1970	2.00	1.89	6.29	0.69	5.08	4.94	8.36	9.81	10.44	6.65	0.55	3.10	59.80
1971	1.43	2.10	0.91	1.16	2.81	4.02	6.65	5.80	16.75	1.89	0.86	7.11	51.49
1972	6.60	5.82	4.29	1.73	5.40	0.42	7.94	5.10	MM	5.75	6.85	7.04	
1973	4.14	2.42	9.41	15.30	0.99	MM	4.31	3.57	18.00	5.26	3.81	8.90	76.11
1974	4.75	1.35	8.98	3.46	6.11	4.08	4.54	7.92	3.94	2.39	8.64	3.53	59.69
1975	2.62	1.94	4.68	2.48	15.83	15.96	17.54	16.14	4.44	2.66	3.50	2.56	90.35
1976	1.09	3.08	1.67	0.50	2.58	3.58	6.54	2.24	3.01	3.61	5.19	9.37	42.46
1977	6.36	3.10	1.88	2.42	3.23	2.73	5.56	10.44	11.89	4.30	11.59	5.27	68.77
1978	13.12	2.66	4.74	4.04	8.67	7.81	11.88	13.55	1.86	0.01	7.42	1.90	77.66
1979	4.82	12.30	1.46	7.06	7.98	2.20	12.01	6.66	3.90	1.36	3.22	2.88	65.85
1980	6.31	1.09	10.37	15.50	11.58	1.95	2.89	5.10	5.26	3.69	6.50	1.45	71.69
1981	1.50	8.03	1.44	0.32	5.23	3.42	7.30	3.20	2.16	4.61	1.29	5.60	44.10
1982	2.14	5.97	4.27	6.37	3.68	3.56	9.40	8.85	6.16	3.17	4.56	9.38	67.51
1983	7.45	8.45	5.59	8.18	3.07	11.62	3.78	14.44	9.66	3.07	4.16	4.53	84.00
1984	4.01	3.91	2.64	0.26	4.69	7.76	11.93	6.98	3.52	3.92	1.38	5.59	56.59
1985	8.37	5.61	5.37	1.61	1.45	1.93	11.35	5.20	12.27	12.36	0.52	5.94	71.98
1986	4.34	2.16	1.86	1.68	1.31	8.52	7.28	7.99	4.83	3.32	5.55	7.26	56.10
1987	9.01	8.04	4.77	1.51	7.79	12.32	11.27	9.74	3.07	1.14	5.11	2.08	75.85
1988	4.63	11.84	8.75	6.21	1.92	6.80	8.29	9.71	7.49	4.02	1.34	1.53	72.53
1989	3.20	0.46	3.43	0.53	5.25	11.07	11.03	8.87	8.61	2.69	6.47	9.18	70.79
1990	7.30	6.49	6.18	2.47	2.13	4.60	3.19	6.40	4.26	1.59	3.74	7.12	55.47
1991	17.43	5.47	3.13	7.42	18.82	3.39	8.21	10.22	7.07	5.82	1.55	2.10	90.63
1992	13.99	10.31	6.44	4.61	3.01	2.82	11.25	14.88	5.56	1.03	14.95	6.05	94.90
1993	3.61	2.81	5.84	8.76	8.65	4.32	6.02	3.07	4.38	3.82	4.00	3.28	58.56
1994	3.20	1.48	3.93	6.54	3.10	6.25	6.23	4.04	4.27	2.93	2.86	3.10	47.93
1995	3.56	2.01	9.18	2.00	12.27	4.07	8.67	8.44	1.75	3.69	6.15	4.64	66.43
1996	4.10	0.98	1.49	2.28	2.52	6.05	8.59	7.47	6.71	3.16	3.51	9.22	56.08
1997	3.00	4.33	4.47	8.46	6.12	9.69	2.59	1.95	4.02	2.26	6.29	2.41	55.59
1998	17.59	5.09	4.43	2.63	0.38	4.50	3.59	7.15	15.47	3.46	4.56	2.78	71.63
1999	2.17	1.14	4.16	0.29	4.48	9.86	3.24	3.26	3.50	11.50	0.44	3.66	47.70
2000	2.47	1.19	5.12	0.94	0.19	6.19	4.82	3.59	5.86	1.16	16.04	3.14	50.71
2001	3.35	2.31	8.58	0.81	0.50	23.04	7.87	9.05	4.38	2.95	1.20	2.06	66.10
2002	3.02	0.82	MMM	3.36	1.40	9.13	4.30	7.40	5.80	10.48	4.06	3.67	
# of Months	98	98	97	97	98	97	98	98	97	98	98	97	94
Total Inches	479.32	426.85	424.51	388.49	453.83	552.93	792.18	717.59	604.14	368.39	403.83	478.97	5857.42
Avg	4.89	4.36	4.38	4.01	4.63	5.70	8.08	7.32	6.23	3.76	4.12	4.94	62.31

1943													
1944													
1945													
1946													
1947									2.18	0.82	9.44	6.45	
1948	5.33	3.55	8.04	3.29	2.76	2.28	3.73	6.51	4.38	1.67	8.60	6.49	56.63
1949	2.67	2.01	8.09	4.12	3.86	7.85	15.07	4.04	1.72	7.08	0.42	4.59	61.52
1950	5.38	4.16	4.89	5.74	4.53	10.53	8.60	3.13	2.22	0.53	1.66	11.05	62.42
1951	6.75	1.64	5.74	2.19	2.35	5.69	6.29	2.93	8.53	1.37	1.66	4.39	49.53
1952	1.06	7.77	3.90	10.13	5.63	4.70	6.67	6.55	2.90	0.00	3.09	5.87	58.27
1953	3.83	5.14	1.87	7.85	9.71	2.08	6.96	10.90	0.68	0.65	4.03	7.73	61.43
1954	5.07	1.69	0.66	6.76	3.62	2.14	12.56	2.22	2.81	5.70	2.67	2.71	48.61
1955	5.68	6.11	0.06	6.91	8.67	5.50	8.04	7.13	MMM	1.50	4.95	4.38	
1956	3.10	7.27	3.09	4.48	3.67	7.39	2.04	6.45	2.64	0.98	0.80	8.30	50.21
1957	0.73	4.31	8.89	6.12	2.28	10.03	4.11	2.94	8.35	5.77	3.71	2.73	59.97
1958	4.61	5.55	3.63	4.17	2.54	5.52	4.88	5.99	6.69	3.54	1.35	2.39	50.86
1959	4.32	MMM	2.27	3.02	6.56	8.87	6.14	3.43	5.07	5.87	1.32	1.97	
1960	2.76	2.98	2.63	3.75	1.36	2.29	8.27	8.57	1.08	3.64	1.13	4.61	43.07
1961	4.12	MMM	4.77	2.34	12.68	6.08	8.89	2.11	2.86	1.78	6.26	6.59	
1962	5.16	0.70	1.13	6.07	1.59	4.99	1.96	4.86	4.18	7.03	1.44	4.35	43.46
1963	3.02	2.36	0.55	1.03	0.82	5.25	6.54	2.57	7.54	0.00	6.30	4.17	40.15
1964	6.55	4.86	6.38	1.84	5.47	4.36	13.93	5.73	3.53	9.31	2.89	2.26	67.11
1965	2.25	5.05	7.07	0.98	2.41	3.89	6.01	4.62	5.46	0.80	1.91	6.56	47.01
1966	8.08	12.35	0.87	9.79	2.63	7.80	10.42	9.86	6.97	3.37	1.35	2.71	76.20
1967	3.36	3.85	3.58	3.08	6.95	2.30	6.83	9.83	2.95	3.03	0.14	5.99	51.89
1968	3.22	3.26	2.15	2.00	1.10	8.26	9.08	9.24	3.46	1.60	6.33	4.13	53.83
1969	2.43	4.84	4.38	8.69	7.04	1.65	10.24	5.05	2.18	3.66	0.43	7.34	57.93
1970	2.35	2.18	MMM	1.89	3.10	6.11	4.26	7.22	8.81	7.31	1.25	3.74	
1971	1.07	3.38	1.49	0.77	7.24	5.63	8.23	5.19	13.17	3.20	4.20	14.06	67.63
1972	7.92	4.14	8.55	1.91	7.47	1.74	9.08	2.93	4.23	1.50	6.97	6.93	63.37
1973	2.68	2.49	11.57	9.17	2.93	3.12	5.72	4.53	19.28	3.98	5.18	5.20	75.85
1974	8.72	3.64	MMM	5.16	3.74	3.19	5.44	3.20	5.31	1.52	3.81	4.40	
1975	5.57	0.51	4.08	3.41	4.46	6.75	9.47	7.94	1.83	0.43	MMM	1.44	
1976	1.14	2.28	4.34	0.44	MMM	1.49	3.27	3.67	2.46	4.32	7.03	7.30	
1977	5.28	1.83	2.94	6.61	1.27	2.24	8.95	10.49	6.08	4.99	10.75	3.87	65.30
1978	9.69	1.72	1.92	4.78	9.63	16.02	9.43	10.16	2.53	0.62	4.14	1.56	72.20
1979	5.75	8.79	5.43	13.42	7.37	1.82	8.87	6.11	5.05	1.84	5.61	3.13	73.19
1980	6.15	1.04	MMM	7.23	7.53	2.54	3.22	5.09	4.69	5.91	5.61	2.10	
1981	1.71	4.03	0.94	1.25	4.26	10.13	3.74	5.74	4.19	3.04	3.01	7.04	49.08
1982	3.00	5.83	1.67	5.18	5.32	5.68	4.31	7.19	7.20	4.00	3.25	14.05	66.68
1983	6.71	6.44	3.90	4.50	8.39	7.00	6.07	12.71	6.01	2.83	4.17	5.22	73.95
1984	5.62	3.60	1.96	2.46	4.76	11.41	5.43	7.59	2.91	21.35	1.64	2.90	71.63
1985	2.37	4.86	4.17	1.30	2.12	1.95	7.35	5.46	4.33	11.21	1.43	5.52	52.07
1986	3.50	5.12	1.44	2.45	3.21	6.26	17.89	3.11	5.51	4.40	2.88	5.59	61.36
1987	6.63	6.22	3.81	0.77	2.69	11.84	7.66	9.89	3.47	1.41	4.37	3.01	61.77
1988	2.62	8.77	7.87	4.57	1.65	6.04	6.48	8.23	6.76	2.52	2.49	2.88	60.88
1989	3.64	0.89	4.47	1.61	5.58	15.79	11.67	13.15	2.33	0.91	5.70	5.59	71.33
1990	2.29	6.82	5.41	2.32	3.25	3.39	2.93	0.96	6.98	1.85	2.15	6.41	44.76
1991	8.15	9.99	4.48	8.99	14.06	5.84	10.64	5.56	4.61	4.58	1.00	1.70	79.60
1992	12.48	8.46	4.18	9.13	4.54	8.39	5.14	7.49	6.66	1.39	8.84	3.93	80.63
1993	10.14	3.25	3.51	13.40	5.23	9.46	8.45	4.68	5.06	9.15	6.14	3.30	81.77
1994	3.38	2.83	2.49	4.86	6.86	5.71	10.49	4.43	6.91	3.16	1.37	4.21	56.70
1995	3.86	1.68	MMM	6.69	6.02	1.11	5.98	3.72	3.59	4.26	7.48	6.45	
1996	2.06	0.79	0.62	0.91	1.29	9.84	3.41	10.84	6.64	8.88	2.64	3.99	51.91
1997	2.61	4.10	3.66	9.35	10.80	6.18	6.68	2.81	2.30	1.62	2.21	3.42	55.74
1998	12.60	5.56	4.37	2.85	0.34	1.36	2.14	3.09	12.34	2.68	2.54	2.72	52.59
1999	5.37	1.49	4.21	0.56	5.79	4.27	8.57	1.36	2.52	3.00	1.92	4.15	43.21
2000	1.77	0.22	1.70	0.78	0.25	4.53	6.62	4.08	5.13	1.20	13.46	3.00	42.74
2001	4.12	0.94	10.87	1.55	1.19	16.21	9.36	8.55	MMM	3.10	2.68	2.01	
2002	3.94	1.98	MMM	5.70	3.57	9.30	9.61	5.19	4.30	9.61	4.14	MMM	
# of Months	100	96	93	99	99	100	98	98	99	101	99	100	81
Total Inches	457.88	397.96	365.67	442.31	443.44	626.08	719.49	591.46	468.06	359.21	365.24	493.72	4747.26
Avg	4.58	4.15	3.93	4.47	4.48	6.26	7.34	6.04	4.73	3.56	3.69	4.94	58.61

New Roads	6686												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1942	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	3.91	0.46	7.00	
1943	3.26	4.42	13.81	2.39	5.80	2.78	3.96	3.80	11.73	1.72	6.02	7.52	67.21
1944	6.48	3.43	5.58	6.47	5.44	2.87	6.04	4.60	3.30	0.88	7.50	6.55	59.14
1945	5.76	5.88	4.18	7.80	4.02	5.13	6.03	1.76	0.98	6.89	3.32	5.05	56.80
1946	8.29	5.80	5.68	1.89	16.29	5.02	9.41	4.81	4.37	1.98	6.26	3.94	73.74
1947	10.85	2.36	8.99	4.46	5.09	3.35	6.45	1.99	1.54	1.30	11.93	6.98	65.29
1948	8.65	4.57	10.19	4.22	3.18	4.38	MMM	MMM	MMM	MMM	MMM	MMM	
1949	MMM	MMM	MMM	MMM	2.46	2.51	6.70	1.73	2.34	7.14	0.32	2.96	
1950	7.15	5.98	6.30	4.02	3.98	6.60	4.74	2.32	1.83	1.85		7.45	
1951	5.92	1.98	7.51	0.97	0.98	5.01	3.57	3.89	3.14	0.30		7.84	
1952	1.75	5.57	3.11	5.64	7.28	1.29	6.23	1.05	0.64	0.20	5.10	5.59	43.45
1953	3.53	8.46	5.26	6.09	20.73	5.61	5.28	7.51	2.31	0.78	5.50	8.32	79.38
1954	4.62	1.82	2.53	2.05	4.83	0.58	9.78	3.50	2.97	4.50	2.78	3.47	43.43
1955	4.70	8.56	1.48	12.84	5.56	2.19	8.65	4.90	3.32	1.41	3.54	5.45	62.60
1956	2.13	8.95	4.08	3.08	1.89	4.33	2.30	4.03	0.70	0.93	2.54	6.04	41.00
1957	3.01	5.60	6.40	4.87	4.04	15.10	3.56	2.54	10.83	5.67	5.80	5.01	72.43
1958	5.10	3.22	4.97	4.56	4.31	8.39	7.01	5.01	4.88	2.88	2.04	1.87	54.24
1959	7.01	8.99	2.45	3.79	6.09	4.05	6.93	6.88	3.19	3.44	1.69	5.19	59.70
1960	5.10	3.64	2.54	3.03	4.35	1.42	1.20	8.73	1.16	2.72	1.05	6.61	41.55
1961	5.12	10.37	8.58	4.11	4.39	5.26	7.60	5.55	8.67	0.16	7.77	9.25	76.83
1962	7.35	1.89	2.15	8.59	2.46	5.49	0.16	4.51	5.52	5.37	0.88	3.77	48.14
1963	7.69	2.95	0.90	0.49	3.07	3.64	5.32	1.84	1.95	0.00	5.03	4.41	37.29
1964	6.37	3.99	9.78	4.83	5.83	3.26	14.67	5.52	2.53	10.36	6.14	5.02	78.30
1965	2.22	4.53	4.51	0.27	4.91	1.02	5.92	3.71	5.93				
1966													
1967													
1968													
1969													
1970													
1971													
1972													
1973				6.91	3.72	1.79	3.26	4.54	14.42	1.74	9.68	4.68	
1974	11.58	8.12	4.30	4.92	3.33	2.85	6.24	6.48	3.85	2.48	5.95	5.98	66.08
1975	6.85	3.42	5.22	4.26	9.23	8.06	12.20	9.04	3.23	3.17	2.13	3.85	70.66
1976	2.33	4.37	7.79	0.57	6.54	1.29	3.25	1.48	2.39	2.70	6.38	6.01	45.10
1977	6.91	5.04	7.09	7.86	5.70	0.69	4.97	10.52	10.62	4.71	11.23	3.25	78.59
1978	6.77	4.23	3.40	3.13	5.88	6.33	2.65	11.70	5.98	0.05	5.62	4.01	59.75
1979	6.80	10.59	3.15	13.80	4.79	0.24	10.24	4.95	2.33	2.25	3.77	3.42	66.33
1980	7.34	2.03	11.61	11.68	9.78	3.84	2.31	4.41	4.62	3.09	6.92	3.42	71.05
1981	2.16	5.07	2.39	1.60	6.20	4.68	10.73	5.16	4.21	4.25	1.49	5.80	53.74
1982	3.92	6.86	2.30	5.94	3.45	3.54	4.64	4.85	3.43	2.77	5.05	14.41	61.16
1983	8.55	7.24	4.99	13.15	8.56	8.57	2.48	5.23	4.74	3.66	5.30	8.10	80.57
1984	3.93	6.13	2.69	2.07	3.95	3.14	2.00	2.08	4.13	19.29	2.95	3.11	55.47
1985	6.96	7.47	4.56	1.99	5.04	3.77	6.19	8.21	5.99	10.66	1.94	4.94	67.72
1986	1.46	2.57	3.55	2.64	3.87	2.55	2.77	4.45	4.24	3.13	8.90	5.22	45.35
1987	8.55	8.86	5.62	1.06	3.07	9.29	4.09	11.79	1.12	1.61	3.56	4.95	63.57
1988	3.68	15.92	8.66	6.30	2.27	2.38	4.71	7.08	15.50	4.25	4.86	10.44	86.05
1989	3.70	1.49	4.39	2.03	12.64	21.26	8.33	5.15	1.55	0.42	5.51	7.22	73.69
1990	10.96	6.77	4.32	2.95	2.97	2.63	4.50	4.32	2.08	2.00	3.50	6.30	53.30
1991	12.26	9.00	3.20	11.12	11.44	5.57	3.57	6.11	7.70	2.73	1.17	2.76	76.63
1992	8.31	6.21	8.85	2.26	3.21	6.62	5.13	4.35	5.15	1.34	7.72	3.30	62.45
1993	12.84	1.47	4.87	9.50	4.10	3.30	1.65	2.60	1.82	3.65	11.31	3.19	60.30
1994	6.35	4.97	2.68	6.86	5.98	5.97	5.75	1.78	4.70	3.89	0.65	6.11	55.69
1995	5.63	4.85	13.83	8.79	9.05	1.51	4.61	5.45	0.83	5.01	5.61	6.70	71.87
1996	5.05	2.74	1.85	4.51	1.47	2.43	2.57	4.63	4.18	6.19	2.22	4.08	41.92
1997	6.23	5.75	3.19	10.17	7.89	6.00	5.36	MMM	0.76	2.73	3.79	5.55	
1998	9.91	5.63	3.97	6.55	0.39	1.76	2.59	3.04	6.85	2.22	2.57	4.79	50.27
1999	6.45	2.28	4.94	0.30	3.26	3.97	2.80	1.46	5.37	3.93	1.61	4.08	40.45
2000	2.68	0.70	2.05	1.46	0.46	6.22	2.71	0.98	1.04	0.99	10.12	2.34	31.75
2001	6.68	2.99	10.97	1.30	MMM	20.70	4.95	7.39	5.04	6.34	2.06	3.86	
2002	3.51	2.44	6.83	3.60	MMM	9.45	2.70	2.77	4.90	7.47	5.86	7.30	
# of Months	51	51	51	52	51	53	52	51	52	52	50	52	44
Total Inches	310.41	268.17	274.24	255.74	275.22	259.68	271.46	242.18	226.6	183.11	235.1	284.46	2650.03
Avg	6.09	5.26	5.38	4.92	5.40	4.90	5.22	4.75	4.36	3.52	4.70	5.47	60.23

Algiers	6666												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1946	5.55	3.89	11.53	3.31	7.28	7.11	5.49	5.38	7.99	0.11	3.09	2.50	63.23
1947	7.33	2.75	7.35	8.58	6.03	5.19	MMM	6.09	1.89	2.92	13.45	6.83	
1948	4.15	1.32	17.47	1.90	2.18	1.95	2.80	9.57	11.85	1.35	8.96	5.08	68.58
1949	2.41	3.81	11.87	9.95	0.95	5.64	7.01	5.15	7.83	3.05	0.10	3.69	61.46
1950	1.81	1.05	4.77	6.40	2.42	2.87	6.36	3.21	4.25	1.02	0.44	6.20	40.80
1951	3.90	0.85	7.74	6.61	2.04	3.59	3.89	2.13	4.70	1.46	2.52	2.51	41.94
1952	2.63	8.25	4.92	3.02	5.35	2.20	10.21	3.82	1.60	0.00	1.73	6.60	50.33
1953	2.22	5.96	4.11	8.54	0.86	6.24	7.79	4.42	1.80	0.72	11.59	8.38	62.63
1954	3.61	1.46	3.09	1.05	3.88	4.43	5.49	4.00	5.62	3.84	2.71	5.45	44.63
1955	6.37	4.89	0.10	6.61	5.36	2.22	11.01	13.05	9.04	2.28	3.47	2.78	67.18
1956	2.79	8.99	4.46	3.52	5.54	12.62	6.45	2.89	9.93	1.08	1.24	7.76	67.27
1957	1.12	1.95	11.16	5.57	2.45	11.87	9.63	6.42	10.67	1.73	4.03	3.27	69.87
1958	5.43	3.44	9.20	3.29	4.94	3.74	9.57	4.00	7.52	1.02	1.13	1.24	54.52
1959	2.87	9.52	4.37	3.66	10.92	4.65	16.98	4.73	4.21	10.20	0.80	2.42	75.33
1960	4.88	5.92	4.83	6.95	4.36	1.65	5.72	4.52	4.11	4.97	0.15	4.30	52.36
1961	6.45	7.71	7.24	3.88	7.76	11.67	9.81	3.48	4.18	2.88	5.66	5.91	76.63
1962	2.90	1.35	1.23	3.62	0.45	8.99	3.75	8.15	1.67	1.43	2.98	2.70	39.22
1963	4.98	5.74	0.59	0.77	1.44	10.94	6.87	3.42	8.68	0.00	9.84	4.93	58.20
1964	9.38	5.32	4.53	9.86	1.22	2.19	8.10	6.83	3.61	4.44	4.28	2.61	62.37
1965	7.50	5.06	2.86	1.74	3.93	5.36	7.38	5.46	MMM	MMM	MMM	6.67	
1966	11.85	9.05	3.50	5.92	10.17	4.91	8.62	7.70	5.24	2.99	0.44	4.72	75.11
1967	2.78	7.03	1.56	2.92	3.57	4.94	5.92	10.15	5.28	7.62	0.47	9.99	62.23
1968	1.15	3.12	2.40	3.29	6.89	7.47	7.69	7.97	2.27	4.42	4.44	7.76	58.87
1969	2.94	4.66	6.62	4.33	5.93	1.41	6.45	6.98	2.38	0.71	1.76	6.35	50.52
1970	4.04	2.33	8.64	0.85	6.31	4.72	7.10	8.17	6.32	5.40	1.13	4.08	59.09
1971	1.75	4.11	3.85	1.16	1.51	4.73	9.00	7.38	14.30	1.91	3.61	6.51	59.82
1972	5.85	5.05	5.33	1.04	6.69	0.42	6.79	0.62	1.65	1.93	8.64	6.28	50.29
1973	2.28	4.46	10.29	12.07	3.98	4.25	7.82	3.60	12.07	4.28	3.91	7.56	76.57
1974	8.66	3.51	5.34	4.74	12.88	1.27	7.72	10.14	4.69	0.38	7.63	6.06	73.02
1975	4.19	4.89	5.40	5.69	8.82	13.06	8.35	7.81	6.39	3.21	3.66	3.30	74.77
1976	2.24	3.58	3.08	0.73	7.34	6.28	5.54	4.65	1.54	5.76	6.07	8.18	54.99
1977	5.86	2.73	7.22	2.38	2.65	0.75	6.12	15.65	7.87	3.31	7.12	3.52	65.18
1978	11.51	2.50	3.60	3.23	12.86	10.54	6.25	7.21	4.81	0.00	4.88	6.07	73.46
1979	5.22	12.27	5.43	3.37	4.41	1.40	12.33	3.82	3.43	1.68	4.16	2.66	60.18
1980	5.49	3.82	9.67	22.44	9.25	1.04	5.88	3.26	5.57	5.37	3.37	1.57	76.73
1981	0.56	8.37	1.48	1.36	2.74	9.10	4.29	5.15	2.95	0.82	0.65	5.61	43.08
1982	1.62	5.60	3.24	6.33	5.53	4.05	4.87	6.98	3.87	1.88	2.75	10.53	57.25
1983	4.30	7.69	3.42	16.16	4.69	8.11	4.22	5.39	6.88	7.21	4.09	5.75	77.91
1984	2.32	5.54	3.53	1.63	1.99	4.18	5.78	5.81	2.19	1.63	3.26	1.35	39.21
1985	4.12	6.15	6.78	0.36	0.89	4.44	8.97	7.92	4.39	14.30	1.20	3.90	63.42
1986	3.03	3.94	2.58	1.38	1.08	6.81	6.09	4.23	4.61	2.11	4.75	3.89	44.50
1987	7.12	5.06	5.07	0.90	4.38	7.18	3.10	6.15	1.49	0.21	3.38	2.40	46.44
1988	4.76	8.34	6.24	11.33	1.61	4.39	2.72	8.65	10.13	2.37	1.83	1.22	63.59
1989	1.57	0.00	4.48	2.85	4.24	3.94	6.22	MMM	1.57	1.37	14.10	5.42	
1990	8.15	7.81	6.50	2.46	8.25	3.16	1.15	4.10	4.13	2.27	2.28	4.24	54.50
1991	21.98	3.44											
1992													
1993				5.21	6.73	4.02	8.46	2.65	6.37	4.45	2.96	2.91	
1994	2.50	0.67	3.87	1.40	11.89	11.52	10.75		3.91	3.33	3.91	2.96	56.71
1995	5.56	4.02	11.20	5.14	16.94	2.27	8.71	3.32	1.48	2.84	5.11	3.43	70.02
1996	5.54	2.42	5.17	9.32	4.66	10.36	8.06	9.03	3.90	1.50	2.64	7.93	70.53
1997	6.03	5.90	3.34	7.03	9.70	8.25	5.38	3.63	0.73	2.06	7.69	2.26	62.00
1998	18.14	4.96	9.12	5.38	2.84	5.61	6.93	7.73	27.80	0.97	4.59	2.33	96.40
1999	3.17	0.53	4.33	0.07	4.48	10.22	2.85	6.32	4.28	3.57	0.67	3.13	43.62
2000	3.02	0.66	2.51	0.12	2.09	8.18	1.30	5.04	5.68	1.75	12.50	3.64	46.49
2001	3.08	0.87	11.80	0.30	0.28	23.11	7.93	12.56	5.92	5.47	3.61	3.88	78.81
2002	4.56	2.66	4.81	4.40	2.49	4.76	7.25	5.32	26.53	10.84	4.35	4.76	82.73
# of Months	55	55	54	55	55	55	54	53	54	54	54	55	51
Total Inches	275.22	246.97	304.82	256.12	280.12	325.97	370.92	321.81	323.77	164.42	225.78	257.98	3124.59
Avg	5.00	4.49	5.64	4.66	5.09	5.93	6.87	6.07	6.00	3.04	4.18	4.69	61.27

Audubon	6665	6664											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1893	3.47	4.16	4.42	4.00	2.90	7.67	3.27	2.99	6.32	6.57	7.50	2.85	56.12
1894	MMMM	13.36	7.63	4.52	2.73	4.75	13.41	7.52	1.59	0.84	1.06	2.40	
1895	8.58	6.20	3.31	2.53	9.37	17.06	7.62	6.99	2.93	1.45	1.36	5.75	73.15
1896	2.94	3.26	6.13	2.63	1.65	11.04	4.44	3.29	4.70	7.48	4.71	4.57	56.84
1897	3.44	5.92	6.73	5.89	1.11	8.01	3.03	3.56	3.56	3.93	3.37	5.74	54.29
1898	3.51	8.86	2.29	3.45	0.00	4.47	6.19	7.58	19.55	1.90	7.09	4.15	69.04
1899	2.90	4.46	3.30	1.90	0.05	13.33	7.30	1.74	0.30	2.03	2.29	4.00	43.60
1900	3.96	6.27	5.23	13.63	4.53	7.74	9.08	5.00	3.85	2.03	1.66	8.64	71.62
1901	2.24	6.27	3.13	8.50	1.03	3.07	8.82	6.98	3.88	2.91	2.62	4.98	54.43
1902	1.44	2.92	4.16	3.60	1.49	1.30	1.77	3.31	6.18	2.70	3.41	6.83	39.11
1903	4.48	10.53	9.08	0.85	2.02	3.56	5.55	5.98	1.27	0.36	0.23	3.89	47.80
1904	3.25	1.60	4.69	2.17	3.21	3.58	5.59	6.47	3.24	0.75	1.50	3.02	39.07
1905	6.48	5.24	7.82	4.80	2.89	3.76	4.02	3.33	8.94	7.00	4.05	13.64	71.97
1906	1.66	2.49	6.36	1.95	0.63	4.26	6.18	7.44	8.73	1.59	1.10	3.16	45.55
1907	2.29	4.82	1.63	13.38	14.56	2.83	1.85	5.47	8.92	0.57	5.15	7.89	69.36
1908	4.46	4.12	3.66	2.13	5.63	4.42	12.16	5.49	11.70	0.81	0.63	1.89	57.10
1909	2.97	5.35	4.64	7.02	3.89	11.80	3.71	8.96	6.54	3.70	1.59	8.48	68.65
1910	2.83	3.90	3.85	1.15	3.74	5.61	6.80	4.85	6.08	2.33	3.95	3.70	48.79
1911	2.29	1.46	4.23	13.09	3.53	7.27	4.70	8.85	2.65	2.50	4.48	8.68	63.73
1912	5.57	3.92	9.72	9.19	11.95	2.90	10.36	7.22	4.72	1.72	2.62	10.72	80.61
1913	5.88	2.19	4.69	5.43	7.29	1.69	9.28	6.85	13.89	4.18	2.35	2.14	65.86
1914	1.07	6.25	3.98	5.11	1.35	5.16	7.24	9.75	6.25	0.90	3.83	4.03	54.92
1915	6.28	6.12	2.29	0.14	3.92	4.98	6.70	12.15	10.88	12.52	1.82	5.83	73.63
1916	4.26	1.91	0.83	3.38	8.06	5.09	7.32	6.09	4.79	6.39	0.76	6.49	55.37
1917	4.06	3.24	2.97	3.88	1.45	2.08	5.23	3.83	3.16	0.55	0.34	2.28	33.07
1918	4.91	2.17	2.19	11.24	2.68	3.62	3.86	5.66	4.22	11.48	4.65	7.64	64.32
1919	6.88	6.54	3.87	7.60	9.13	6.63	8.60	5.50	3.41	4.66	9.44	1.38	73.64
1920	6.20	4.66	3.08	6.50	6.60	6.67	5.77	4.95	9.95	2.63	3.13	8.50	68.64
1921	1.14	2.40	4.03	4.37	2.15	8.22	7.39	5.62	2.81	1.72	3.87	3.25	46.97
1922	4.78	3.75	7.69	4.32	6.69	5.80	5.80	7.10	1.33	4.51	3.76	6.71	62.24
1923	3.05	2.02	4.73	4.20	9.39	5.17	13.76	8.27	1.38	3.08	5.03	3.61	63.69
1924	5.81	5.37	2.26	2.50	6.73	2.84	0.63	1.05	4.87	0.00	0.25	7.97	40.28
1925	6.36	2.11	1.04	0.30	2.91	3.43	7.52	1.44	6.49	7.69	5.35	3.92	48.56
1926	6.07	3.15	14.18	6.51	10.98	3.34	4.75	8.90	5.95	3.69	2.65	2.19	72.36
1927	0.64	8.93	10.13	15.29	2.74	5.74	4.05	12.05	1.22	4.14	1.27	3.92	70.12
1928	1.70	8.50	2.55	6.72	4.44	13.66	7.19	4.62	4.04	2.82	4.12	5.67	66.03
1929	10.83	6.35	6.26	2.51	13.21	2.98	14.45	2.96	17.10	6.41	4.69	3.03	90.78
1930	6.85	2.61	5.62	3.46	2.42	1.46	9.19	12.58	8.02	4.11	8.34	1.94	66.60
1931	4.66	4.01	5.88	3.71	3.09	2.93	7.19	7.62	1.96	3.79	3.10	9.00	56.94
1932	4.69	2.10	2.86	6.59	17.22	3.50	4.19	7.33	5.93	9.16	2.75	5.00	71.32
1933	2.76	6.67	6.69	8.04	1.21	2.05	6.29	7.31	4.28	1.43	4.03	0.57	51.33
1934	5.35	4.26	6.11	6.62	8.60	5.02	3.08	11.19	2.66	3.07	5.65	1.96	63.57
1935	2.36	3.40	8.83	7.61	4.40	3.72	7.58	3.63	3.25	0.85	1.96	7.20	54.79
1936	7.39	5.17	1.56	5.36	6.18	1.18	6.18	7.24	7.08	3.01	3.37	3.72	57.44
1937	4.31	2.16	4.68	5.29	4.93	7.90	5.68	4.70	5.54	22.96	1.52	3.78	73.45
1938	4.24	2.02	1.37	2.83	2.91	4.30	12.00	5.36	5.34	0.62	2.10	4.37	47.46
1939	2.11	3.85	1.46	3.11	11.81	5.45	6.23	5.89	5.18	0.91	3.61	2.52	52.13
1940	4.86	8.87	3.46	10.79	1.09	8.10	10.77	9.72	7.95	0.40	1.73	8.64	76.38
1941	4.25	2.95	2.93	2.87	3.06	10.21	9.08	3.89	7.06	6.22	1.72	2.12	56.36
1942	1.57	10.54	7.70	1.68	6.70	14.25	6.28	13.25	5.25	5.06	2.92	3.84	79.04
1943	2.53	1.78	10.39	0.87	4.14	2.65	7.12	4.80	14.36	1.39	1.58	4.81	56.42
1944	7.16	4.24	4.00	MMM	MMM	MMM	7.59	MMM	MMM	MMM	MMM	MMM	
1945	MMM	MMM	MMM	MMM	MMM	MMM	7.59	9.18	6.34	2.29	3.29	5.73	
1946	5.39	3.09	18.13	3.38	7.35	10.10	6.10	3.98	10.50	0.10	2.05	2.21	72.38
1947	9.46	MMM	6.47	MMM	5.46	6.73	3.59	5.62	0.47	2.82	11.48	7.26	
1948	5.58	1.08	18.46	1.97	3.99	3.07	8.80	MMMM	MMMM	MMMM	MMMM	5.73	
1949	MMMM	MMMM	12.96	9.73	0.84	5.49	9.86	5.97	8.05	MMMM	0.20	5.37	
1950	2.29	1.47	4.37	MMMM	1.52	4.53	9.57	3.64	MMMM	1.11	1.29	MMMM	
1951	2.30	2.18	7.40	6.70	1.57	5.44	3.69	6.15	MMMM	0.57	3.54	2.92	
1952	3.66	8.71	MMMM	5.32	3.81	3.85	10.48	5.15	MMMM	0.00	2.24	MMMM	
1953	2.36	5.50	4.95	MMMM	MMMM	10.78	10.50	8.14	1.25	0.43	MMMM	8.69	

1954	3.80	0.54	3.21	0.58	3.72	3.43	11.93	3.22	6.63	4.52	1.93	MMMM	
1955	9.22	3.46	0.00	6.12	5.09	4.59	MMMM	9.69	9.50	1.59	3.67	2.93	
1956	2.07	7.94	3.60	4.30	2.82	10.47	5.51	6.32	10.89	1.44	1.49	6.49	63.34
1957	1.53	2.60	7.47	10.80	2.68	6.64	3.65	5.54	10.34	1.90	4.49	3.06	60.70
1958	6.38	4.22	9.05	3.48	9.28	5.52	10.80	6.37	6.63	0.93	1.07	1.40	65.13
1959	3.51	11.58	3.79	3.84	9.72	7.40	20.30	3.66	3.56	8.18	1.09	1.85	78.48
1960	4.87	4.43	4.70	5.82	3.47	2.09	5.67	8.25	3.89	4.39	0.55	5.12	53.25
1961	7.63	10.13	8.78	3.97	7.88	10.48	9.06	4.81	7.04	0.75	6.61	6.74	83.88
1962	3.47	2.84	1.28	4.95	0.83	10.91	4.33	6.26	5.36	1.77	2.75	2.31	47.06
1963	4.59	5.50	1.03	1.16	0.62	8.45	5.93	5.11	6.45	0.00	10.15	5.73	54.72
1964	10.15	5.34	6.33	9.66	1.66	2.91	6.38	5.63	3.88	4.64	3.26	2.96	62.80
1965	7.43	4.97	3.89	0.97	3.77	3.68	5.41	7.75	8.68	1.24	1.75	6.94	56.48
1966	12.69	9.40	2.47	6.08	8.07	2.11	9.97	7.95	6.03	2.06	0.49	5.04	72.36
1967	3.36	7.74	1.76	2.75	3.01	6.59	7.94	8.94	5.31	5.55	0.54	8.93	62.42
1968	0.99	3.18	1.79	3.38	3.49	6.93	2.37	3.35	1.92	0.43	5.00	7.28	40.11
1969	3.28	4.48	6.96	3.97	5.05	2.70	8.36	8.18	3.18	0.55	1.60	6.36	54.67
1970	3.93	2.44	7.29	0.75	5.60	4.05	6.50	5.91	6.18	3.73	0.91	2.99	50.28
1971	2.03	4.58	3.92	0.74	2.59	3.39	10.29	4.82	16.91	0.82	3.45	6.26	59.80
1972	5.83	5.53	5.45	1.43	4.43	1.90	6.23	3.73	5.28	4.70	8.47	7.30	60.28
1973	2.36	4.98	10.17	11.30	4.14	7.36	6.11	7.25	11.94	2.91	4.14	8.92	81.58
1974	8.11	3.34	4.74	4.30	9.60	1.58	6.12	6.47	6.42	0.69	6.30	5.60	63.27
1975	3.47	4.81	4.66	4.97	9.10	14.44	6.89	8.08	2.65	2.76	3.77	2.98	68.58
1976	2.03	3.06	2.61	0.75	6.25	6.14	5.68	4.42	0.80	5.55	5.40	8.59	51.28
1977	5.30	2.59	6.07	4.04	1.90	0.39	5.78	17.82	9.64	4.53	9.42	3.93	71.41
1978	10.67	2.70	3.47	3.15	12.61	10.47	9.31	11.30	2.83	0.01	6.42	4.80	77.74
1979	5.73	12.44	4.56	MMMM	5.64	2.22	7.50	6.94	5.15	0.87	4.03	2.52	
1980	5.95	2.95	8.11	20.24	7.99	1.22	4.30	2.67	6.34	4.97	3.00	1.69	69.43
1981	1.20	7.98	1.97	3.67	3.10	16.98	4.99	9.63	3.47	1.55	0.79	7.54	62.87
1982	1.89	5.94	3.41	9.72	3.33	2.79	10.89	8.66	6.21	4.34	4.52	8.75	70.45
1983	2.83	7.92	4.25	14.76	5.17	9.41	5.82	7.58	8.88	3.23	5.56	10.68	86.09
1984	3.59	5.26	3.39	2.04	2.43	2.91	8.88	5.18	3.12	2.69	1.70	2.21	43.40
1985	4.84	6.28	7.14	0.64	1.44	2.94	12.47	4.56	6.07	MMMM	1.54	3.79	
1986	3.71	4.57	2.89	1.43	1.04	6.69	3.04	8.10	4.68	2.67	6.21	MMMM	
1987	7.57	5.36	5.67	1.23	3.11	10.05	MMMM	5.54	2.74	0.58	2.95	MMMM	
1988	3.42	7.28	8.16	11.54	2.40	6.29	7.26	7.03	10.48	2.37	3.20	1.95	71.38
1989	2.04	0.07	6.78	2.87	2.32	4.40	9.07	2.80	2.07	0.99	12.90	3.95	50.26
1990	7.05	7.00	5.57	2.54	7.22	4.41	3.06	MMMM	4.78	2.68	3.03	5.15	
1991	19.80	3.08	6.60	17.13	14.20	17.90	16.00	6.30	2.59	1.21	2.91	4.60	112.32
1992	11.00	10.10	6.10	1.42	1.00	7.30	5.20	11.00	8.93	0.26	14.79	5.44	82.54
1993	6.44	2.16	6.19	4.62	6.08	4.61	MMMM	3.17	3.64	4.40	2.77	2.48	
1994	3.13	0.61	3.91	1.73	MMMM	7.59	5.74	5.01	4.81	MMMM	3.18	4.27	
1995	3.92	5.24	9.89	5.94	15.79	3.13	7.01	4.79	0.90	2.10	3.58	4.29	66.58
1996	3.96	3.67	3.86	5.13	3.03	4.95	8.99	7.76	3.94	1.20	4.19	6.88	57.56
1997	5.00	4.67	3.76	MMMM	5.20	4.08	7.18	3.32	2.45	1.63	6.80	2.04	
1998	17.14	4.51	8.31	1.49	0.34	3.80	8.65	6.04	22.22	1.83	3.53	2.27	80.13
1999	3.82	0.41	4.47	0.04	MMMM	11.90	4.92	4.73	5.73	3.93	0.41	2.81	
2000	1.83	0.66	2.20	1.06	0.04	7.43	1.49	2.57	5.40	1.95	11.68	3.26	39.57
2001	2.78	1.30	9.19	0.25	2.28	17.87	6.58	6.84	MMMM	4.84	2.68	3.38	
2002	3.80	1.73	3.97	2.90	0.39	4.94	11.14	7.34	15.97	12.20	4.68	4.62	73.68
# of Months	107	107	108	104	105	108	109	107	104	105	106	104	88
Total Inches	505.95	501	569.9	507.96	499.85	648.67	764.72	680.54	630.37	328.97	391.5	510	5502.8
Avg	4.73	4.68	5.28	4.88	4.76	6.01	7.02	6.36	6.06	3.13	3.69	4.90	62.53

NO DPS 3	London	6675											
													Annual
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Sum
1946	4.49	3.35	16.86	2.45	10.10	7.69	5.32	4.43	7.29	0.18	3.05	2.11	67.32
1947	6.32	2.66	6.58	6.53	4.57	5.38	1.94	4.94	3.33	2.66	12.05	7.52	64.48
1948	4.86	1.49	17.91	1.31	4.31	2.47	5.97	6.14	13.77	0.41	10.50	4.56	73.70
1949	1.92	4.25	9.29	9.48	0.72	5.44	7.18	2.96	7.84	2.53	0.11	3.70	55.42
1950	1.83	1.56	4.63	5.13	2.59	3.29	6.96	3.21	1.64	1.26	0.58	5.10	37.78
1951	4.41	1.54	7.17	5.95	1.71	2.40	5.09	2.90	6.14	0.90	3.89	2.69	44.79
1952	2.47	8.54	6.34	3.81	4.67	2.09	6.99	2.44	2.38	0.00	2.34	6.61	48.68
1953	2.68	6.47	4.07	7.05	2.31	7.67	8.16	6.98	0.77	0.55	12.46	8.44	67.61
1954	3.20	1.96	2.35	0.79	3.48	2.58	5.55	4.27	5.53	3.50	2.93	4.42	40.56
1955	6.02	5.22	0.09	7.10	3.57	1.24	7.02	13.20	3.55	0.75	2.80	2.18	52.74
1956	1.98	8.24	4.44	4.21	4.36	11.15	9.94	2.70	9.56	2.02	0.76	6.07	65.43
1957	1.06	2.96	8.21	4.12	2.88	6.66	5.64	4.40	12.86	1.76	3.60	3.44	57.59
1958	5.77	3.42	7.26	MMM	6.80	3.86	6.68	3.82	5.86	1.38	1.08	1.37	
1959	3.29	11.44	3.83	3.93	11.64	4.99	8.46	6.06	2.06	6.28	1.33	2.40	65.71
1960	4.16	5.94	6.34	6.75	5.01	1.38	9.58	5.47	4.60	3.46	0.17	3.43	56.29
1961	6.28	7.49	6.31	4.30	5.84	10.07	5.14	4.65	6.56	2.96	5.72	6.31	71.63
1962	3.50	1.82	0.74	2.63	0.48	6.60	3.11	4.52	5.52	0.93	2.82	2.21	34.88
1963	4.10	5.19	1.23	2.74	2.06	7.92	6.34	1.66	9.22	0.00	7.45	5.11	53.02
1964	9.47	4.95	6.09	9.31	0.46	6.04	8.49	1.69	5.17	3.22	3.49	2.63	61.01
1965	6.27	5.00	2.96	1.31	3.79	5.25	2.36	12.98	4.80	0.99	1.56	6.99	54.26
1966	13.68	8.38	3.27	6.91	6.30	1.99	9.69	10.38	9.72	3.37	0.68	7.15	81.52
1967	4.24	6.56	1.27	2.80	2.44	4.91	6.97	9.57	7.47	6.08	0.55	8.51	61.37
1968	0.86	3.35	1.67	3.33	5.16	6.74	4.43	4.20	2.38	6.33	5.31	7.61	51.37
1969	3.09	4.22	7.75	4.75	5.80	1.09	5.79	7.75	2.82	0.58	1.70	5.44	50.78
1970	3.51	2.28	7.63	0.63	5.85	5.47	11.35	6.96	4.13	4.41	0.90	2.86	55.98
1971	1.90	4.78	3.19	0.87	1.13	3.26	2.55	6.06	14.46	1.20	3.39	7.24	50.03
1972	5.87	5.42	5.65	1.32	6.00	1.87	7.88	2.19	2.94	3.77	9.26	7.07	59.24
1973	2.21	4.89	10.52	11.13	5.62	5.30	8.30	3.91	9.23	2.96	3.92	8.39	76.38
1974	7.79	6.38	5.01	4.69	10.89	1.25	4.21	11.20	6.98	0.39	6.83	4.28	69.90
1975	3.60	5.05	5.00	5.77	7.78	10.07	8.21	8.38	5.09	2.49	4.00	3.72	69.16
1976	2.34	3.03	3.18	1.51	5.47	6.56	6.54	2.37	2.11	5.44	5.32	8.95	52.82
1977	5.27	2.77	6.45	3.89	2.07	2.36	4.99	12.20	7.69	3.81	6.72	4.07	62.29
1978	11.29	2.23	3.58	2.88	10.06	7.95	5.43	6.28	4.27	0.00	6.23	6.64	66.84
1979	6.11	11.12	4.13	3.36	4.81	0.86	10.92	4.82	4.06	1.08	5.24	2.72	59.23
1980	5.18	3.53	10.59	17.17	8.53	2.38	5.00	2.73	4.81	7.00	3.44	1.97	72.33
1981	0.47	6.92	2.42	1.57	2.47	10.04	3.89	7.41	3.64	1.36	0.69	7.58	48.46
1982	1.50	5.15	3.08	5.70	2.75	3.95	9.49	3.82	6.91	3.76	2.91	9.09	58.11
1983	4.42	8.54	3.69	17.69	3.63	8.86	2.41	6.02	6.45	4.74	3.54	7.71	77.70
1984	3.67	4.41	4.34	1.33	2.89	5.43	7.26	7.28	1.06	1.65	2.61	2.01	43.94
1985	5.79	8.11	8.75	0.53	0.82	2.32	6.99	6.47	6.33	14.16	1.26	4.67	66.20
1986	2.51	4.20	2.66	1.69	0.75	5.65	8.12	6.13	4.24	3.12	7.00	4.93	51.00
1987	8.77	6.26	5.54	1.84	7.12	10.44	3.31	1.80	1.85	0.38	3.05	2.11	52.47
1988	4.33	11.18	8.56	11.14	1.81	6.07	2.60	13.91	12.15	1.14	2.24	1.89	77.02
1989	1.53	0.05	9.30	2.59	2.69	4.55	8.43	3.47	4.10	1.68	14.51	4.80	57.70
1990	9.90	8.90	6.84	1.96	10.14	6.64	2.34	2.03	3.57	2.17	4.07	5.18	63.74
1991	22.61	4.63											
# of Mo	46	46	45	44	45	45	45	45	45	45	45	45	44
Total	226.52	235.83	256.77	205.95	204.33	230.18	283.02	256.76	256.91	118.81	184.06	223.88	2608.48
AVG	4.92	5.13	5.71	4.68	4.54	5.12	6.29	5.71	5.71	2.64	4.09	4.98	59.28

Jourdan	DPS 5	6672											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual Sum
1946	5.28	3.48	13.02	4.13	8.45	6.68	5.65	3.67	5.92	0.11	9.43	2.49	68.31
1947	7.56	2.69	8.24	8.46	6.45	6.07	3.10	5.46	3.98	2.52	14.42	6.97	75.92
1948	4.81	1.46	18.86	1.84	2.07	2.17	5.61	10.39	13.80	1.48	9.71	5.22	77.42
1949	2.26	4.08	11.18	10.16	1.36	5.92	4.16	4.94	9.15	3.26	0.20	3.56	60.23
1950	2.17	1.02	4.71	7.22	1.87	3.28	5.18	4.41	2.65	1.45	0.50	6.91	41.37
1951	4.93	1.63	8.96	5.79	1.83	2.84	4.50	2.14	4.69	1.16	3.57	3.84	45.88
1952	2.93	9.11	5.82	3.63	5.03	2.43	11.66	4.90	2.36	0.00	2.00	6.78	56.65
1953	2.09	6.88	3.88	8.73	1.19	3.84	7.41	6.04	2.12	0.58	11.26	9.52	63.54
1954	3.62	1.64	3.23	0.92	4.64	4.13	7.16	5.78	5.90	4.35	3.07	5.71	50.15
1955	6.34	5.29	0.03	7.64	6.50	1.91	12.65	12.13	7.73	2.68	3.04	2.63	68.57
1956	2.51	9.67	5.48	3.98	6.18	13.64	5.53	3.72	11.81	2.22	2.12	7.64	74.50
1957	1.43	2.65	10.22	5.34	3.67	7.22	11.31	9.15	13.35	1.52	4.13	3.51	73.50
1958	5.82	3.57	8.67	3.58	6.15	3.37	8.55	2.15	6.05	1.09	1.32	1.35	51.67
1959	4.00	11.28	4.30	3.41	15.53	6.34	9.52	5.05	1.05	8.87	1.09	2.63	73.07
1960	4.35	5.49	5.12	6.63	4.33	0.97	9.20	5.87	4.73	4.10	0.19	4.49	55.47
1961	6.77	8.68	6.52	4.15	6.82	10.78	8.78	4.82	4.88	5.00	6.12	6.61	79.93
1962	3.31	1.44	1.45	2.78	0.47	6.90	2.73	5.65	6.51	0.98	3.14	2.57	37.93
1963	5.40	5.46	0.70	1.61	0.56	6.67	8.71	0.96	8.13	0.00	9.08	5.65	52.93
1964	10.11	5.67	5.80	8.80	1.14	3.12	7.18	4.43	7.25	4.53	2.98	2.63	63.64
1965	6.87	5.29	2.92	1.75	2.10	6.41	2.94	9.98	MMM	1.02	1.81	7.59	
1966	13.15	9.87	3.68	5.13	8.02	3.26	7.19	8.14	3.92	2.38	0.39	5.26	70.39
1967	2.81	6.90	1.59	3.07	2.88	4.64	5.03	11.29	6.95	5.31	0.64	10.42	61.53
1968	0.58	2.84	1.97	3.15	5.77	3.42	6.20	3.78	1.96	6.05	5.44	9.29	50.45
1969	2.79	4.27	7.45	4.53	5.76	1.52	6.12	7.24	2.39	0.65	1.09	5.79	49.60
1970	3.62	2.87	7.20	0.76	7.76	3.85	10.77	8.62	4.22	5.33	0.54	2.81	58.35
1971	1.81	4.62	3.60	0.82	3.16	3.06	6.04	5.88	15.17	1.01	3.75	6.02	54.94
1972	6.22	5.10	5.61	1.45	7.36	0.40	8.58	2.21	2.95	4.05	7.16	6.48	57.57
1973	1.99	4.93	9.83	12.24	5.76	4.20	6.42	2.28	10.51	5.29	3.11	6.48	73.04
1974	5.46	4.84	6.10	5.49	11.63	1.48	4.52	9.37	4.98	0.28	7.09	5.14	66.38
1975	3.46	5.47	6.01	6.12	7.74	14.60	9.70	6.42	8.78	2.56	3.78	2.93	77.57
1976	1.56	3.62	2.43	0.96	7.03	7.68	4.80	1.16	1.43	6.60	5.76	9.19	52.22
1977	5.33	3.42	7.40	3.40	2.51	1.37	3.79	15.13	9.26	5.98	6.59	3.95	68.13
1978	11.84	2.32	3.94	2.54	9.59	8.82	5.78	6.15	2.67	0.00	5.36	6.10	65.11
1979	5.39	13.15	5.23	3.04	4.66	1.39	11.00	6.79	4.12	1.31	4.34	3.07	63.49
1980	5.09	3.26	10.79	18.95	8.40	1.36	7.49	6.65	6.46	4.78	3.68	1.93	78.84
1981	0.42	7.45	1.63	0.63	4.00	7.58	3.19	6.12	4.79	1.05	0.80	6.85	44.51
1982	1.98	5.91	3.68	5.93	3.07	3.69	8.78	2.13	6.12	3.30	3.56	11.04	59.19
1983	5.59	7.78	4.78	19.25	4.93	7.30	4.17	7.23	4.45	5.50	4.58	7.00	82.56
1984	4.52	4.71	4.41	2.08	2.69	4.78	9.56	8.88	2.12	1.06	3.86	2.22	50.89
1985	4.31	7.27	8.15	0.60	1.38	2.61	8.52	7.23	7.24	16.87	1.67	2.98	68.83
1986	4.73	4.96	3.72	1.48	1.20	5.31	9.99	5.22	3.67	1.68	6.65	6.43	55.04
1987	11.24	7.07	6.54	1.52	5.38	10.14	3.11	3.80	2.33	0.25	6.43	3.00	60.81
1988	5.53	13.98	10.11	12.40	2.46	7.83	3.94	12.70	14.26	0.61	2.41	2.53	88.76
1989	2.19	0.01	6.42	4.63	4.54	9.40	10.09	MMM	4.77	0.98	15.31	6.74	
1990	7.25	9.32	3.26	1.22	9.22	2.07	MMM	1.22	3.70	1.58	2.35	5.09	
1991	20.10	3.28											
# of Mo	46	46	45	45	45	45	44	44	44	45	45	45	42
Total	231.52	245.7	264.64	221.94	223.24	226.45	306.31	267.28	261.28	131.38	195.52	237.04	2628.88
AVG	5.03	5.34	5.88	4.93	4.96	5.03	6.96	6.07	5.94	2.92	4.34	5.27	62.59

Eastover	DPS 14	(Citrus)	6668										
													Annual
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Sum
1961							9.67	6.59	8.31	5.3	6.41	7.11	
1962	4.48	1.96	1.42	3.37	0.43	4.19	3.03	3.95	5.87	1.71	3.53	3.9	37.84
1963	5.71	6.45	1.17	3.72	4.34	6.94	6.99	3.61	9.67	0	7.44	5.55	61.59
1964	12.03	5.66	6.87	8.48	2.34	7.3	10.02	6.94	7.41	4.12	3.16	2.78	77.11
1965	6.13	5.82	2.79	1.97	2.2	4.55	6.8	8.79	5.34	1	1.42	7.56	54.37
1966	13.53	9.69	3.77	7.24	6.49	1.87	6.54	7.86	3.7	2.18	0.47	5.87	69.21
1967	4.44	6.51	1.64	3.51	3.44	1.62	4.12	8.31	7.56	4.38	0.39	7.95	53.87
1968	1.07	3.39	1.72	4.81	6.63	5.49	8.07	4.99	3.35	2.34	4.46	7.76	54.08
1969	3.28	3.73	7.29	4.13	5.1	0.43	5.16	10.79	2.4	1.6	1.11	5.83	50.85
1970	4.28	2.53	7.5	0.93	7.07	3.12	9.14	5.79	4.51	5.56	0.93	3.26	54.62
1971	1.77	4.68	2.6	1.01	1.39	2.95	5.57	2.9	11.57	0.39	3.85	6.1	44.78
1972	7.27	4.95	5.15	1.52	8.7	0.75	5.71	2.22	3.28	3.95	7.98	6.48	57.96
1973	1.75	4.6	9.37	8.77	3.66	2.59	4.33	1.46	9.89	1.34	3.74	7.47	58.97
1974	5.93	4.29	4.39	6.98	10.84	3.03	2.88	7	5.91	0.21	6.05	3.21	60.72
1975	2.9	4.31	4.51	6.48	5.51	10.03	6.19	7.57	6.41	2.47	3.92	4.2	64.5
1976	2.06	5.52	1.68	0.26	5.26	5.1	1.04	2	2.64	4.72	5.44	7.87	43.59
1977	4.4	2.59	4.88	3.45	2.31	0.31	4.14	11.5	8.87	5.14	4.49	3.85	55.93
1978	11.09	1.61	3.44	3.01	11.12	4.38	9.73	6.33	3.24	0	5.38	6.6	65.93
1979	5.23	10.41	3.67	2.82	5.11	0.83	11.2	5.06	6.89	1.03	4.11	2.25	58.61
1980	3.72	2.59	10.66	15.18	7.81	1.15	7.08	4.78	4.68	3.51	2.26	1.69	65.11
1981	0.58	5.53	1.72	0.21	6.76	6.59	2.5	2.47	2.45	0.98	1.01	6.95	37.75
1982	1.68	6.53	4.14	6.33	0.99	2.74	5.05	6.1	2.66	4.1	2.9	8.89	52.11
1983	5.25	10.48	3.6	16.19	2.43	8	1.37	3.39	5.24	3.05	5.4	8.09	72.49
1984	3.35	4.75	3.18	1.58	1.82	4.57	6.93	5.79	1.17	3	1.95	1.86	39.95
# of Mo	23	23	23	23	23	23	24	24	24	24	24	24	23
Total	111.93	118.58	97.16	111.95	111.75	88.53	143.26	136.19	133.02	62.08	87.8	133.08	1291.94
AVG	4.87	5.16	4.22	4.87	4.86	3.85	5.97	5.67	5.54	2.59	3.66	5.55	56.17

Moisan	6660	6295											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual Sum
1947	8.30	2.84	6.24	7.38	4.11	3.65	4.18	4.23	3.40	1.66	14.58	9.59	70.16
1948	5.72	1.96	19.09	1.49	1.74	1.28	4.48	5.79	13.53	1.07	13.72	5.31	75.18
1949	2.78	2.85	8.13	8.78	0.99	4.37	6.01	3.63	5.19	4.27	0.21	5.36	52.57
1950	3.93	4.08	5.63	7.30	2.76	5.97	7.20	4.34	0.98	1.18	0.91	6.12	50.40
1951	5.49	1.98	7.74	7.79	1.66	2.98	3.45	4.93	7.04	1.11	3.00	3.17	50.34
1952	2.70	8.06	5.06	4.82	5.79	1.12	6.23	2.00	2.81	0.00	3.00	6.86	48.45
1953	2.56	7.10	3.53	5.94	1.39	7.22	10.44	4.88	0.24	0.51	10.39	8.93	63.13
1954	3.96	1.34	2.22	2.29	4.45	3.16	11.46	5.40	6.66	5.46	2.04	6.02	54.46
1955	7.13	5.16	0.24	4.81	5.38	4.42	9.96	11.77	4.53	0.90	2.74	2.81	59.85
1956	2.37	7.27	3.66	4.16	2.37	6.68	6.65	4.99	8.02	1.90	1.78	6.49	56.34
1957	1.55	2.88	8.19	6.79	1.24	7.41	5.12	7.57	10.21	2.15	4.15	3.09	60.35
1958	6.78	3.96	6.98	2.00	6.70	2.81	9.12	3.19	6.57	0.89	1.10	1.46	51.56
1959	3.71	10.56	3.82	3.18	14.33	6.76	7.96	4.53	3.47	6.45	1.14	2.58	68.49
1960	3.34	4.77	3.68	5.69	3.30	1.68	4.26	6.51	4.11	4.90	0.60	4.17	47.01
1961	6.94	9.00	8.53	2.88	6.46	8.01	10.38	7.26	8.90	0.51	8.66	6.01	83.54
1962	4.19	1.02	1.60	2.66	1.31	8.87	4.70	2.41	2.52	3.29	1.96	4.47	39.00
1963	5.21	5.90	1.00	1.84	3.17	4.16	6.40	2.12	7.35	0.00	7.85	5.25	50.25
1964	9.60	5.35	5.45	5.66	1.69	5.52	5.90	3.88	4.93	3.50	3.51	3.10	58.09
1965	4.48	5.25	1.95	0.33	3.62	2.21	5.26	6.34	10.03	1.03	1.49	7.35	49.34
1966	12.62	10.11	1.90	4.92	9.31	2.10	9.42	2.84	5.55	3.15	0.72	5.44	68.08
1967	4.22	6.80	1.60	2.18	3.56	2.40	6.42	7.51	3.73	3.79	0.45	10.77	53.43
1968	0.54	3.02	3.49	3.59	4.13	3.69	4.96	4.78	2.44	1.40	4.97	6.14	43.15
1969	3.12	4.80	7.08	6.04	5.51	2.47	6.64	7.80	1.08	0.51	1.73	5.26	52.04
1970	2.53	2.28	7.22	0.43	4.68	4.97	3.70	10.21	4.25	4.94	0.85	4.28	50.34
1971	1.13	4.87	3.61	1.53	1.38	8.02	4.55	5.75	16.74	0.58	2.63	6.64	57.43
1972	6.98	6.03	6.07	1.64	6.31	3.10	3.90	4.92	3.29	4.64	8.45	8.65	63.98
1973	2.68	5.40	12.17	10.47	4.68	6.08	5.94	3.37	11.07	5.07	4.04	8.31	79.28
1974	8.46	5.53	6.64	5.52	9.84	3.83	5.66	6.70	7.58	2.26	5.88	4.89	72.79
1975	2.95	3.64	5.32	6.69	8.03	12.28	8.35	10.11	3.97	4.00	11.35	3.81	80.50
1976	2.61	3.85	3.08	0.28	5.58	3.36	5.67	1.69	1.57	5.08	5.80	8.81	47.38
1977	5.62	2.75	3.96	6.38	2.59	1.74	2.91	16.12	13.48	4.33	8.77	4.15	72.80
1978	13.63	2.53	2.67	3.44	9.72	7.82	10.34	14.68	2.98	0.00	4.67	4.42	76.90
1979	5.55	12.49	3.31	4.90	4.38	0.23	11.43	4.57	4.55	1.49	4.27	3.07	60.24
1980	6.37	3.09	10.08	16.12	9.65	3.69	4.84	1.68	6.31	5.87	3.85	1.54	73.09
1981	0.94	8.34	2.70	2.28	5.35	8.47	1.92	11.10	4.78	2.03	1.10	5.50	54.51
1982	2.76	7.88	2.56	5.86	1.19	5.43	13.07	1.92	5.40	3.84	5.45	10.26	65.62
1983	3.31	12.59	4.88	14.86	3.71	10.64	2.95	6.29	5.72	4.88	6.32	9.15	85.30
1984	4.10	5.27	4.90	1.72	3.54	7.21	3.86	9.51	3.79	2.84	2.80	2.53	52.07
1985	4.83	9.28	7.07	2.11	1.16	4.56	6.92	6.37	5.74	13.20	0.96	4.78	66.98
1986	3.49	2.93	1.88	1.50	1.61	8.87	3.60	6.74	1.42	2.87	7.90	5.05	47.86
1987	8.88	7.38	4.39	2.27	3.46	15.01	6.38	5.05	1.29	0.72	2.92	2.88	60.63
1988	3.74	11.31	8.90	9.25	1.68	11.28	6.78	7.53	5.86	2.87	1.26	3.94	74.40
1989	2.47	0.15	7.14	3.20	3.50	8.22	8.34	3.31	4.53	0.51	19.81	6.28	67.46
1990	7.59	11.45	5.98	4.59	5.87	1.01	2.30	2.45	4.55	2.38	3.21	9.67	61.05
1991	19.25	5.42	6.27	15.29	14.28	10.71	13.15	7.86	3.44	1.88	2.19	2.63	102.37
1992	9.94	8.73	6.69	2.52	0.95	9.52	5.75	9.64	6.63	0.55	15.27	5.68	81.87
1993	6.21	2.34	5.65	6.82	7.23	4.96	5.77	2.26	2.47	3.67	2.43	2.90	52.71
1994	3.25	0.54	4.82	2.83	3.67	9.35	8.95	4.59	5.61	2.30	1.39	4.61	51.91
1995	3.66	4.94	7.89	3.81	21.18	2.84	6.44	3.26	0.69	1.31	4.24	5.07	65.33
1996	4.66	1.56	2.97	3.87	1.37	8.60	10.32	8.76	3.96	2.59	3.10	5.55	57.31
1997	6.32	6.88	2.57	4.91	5.03	6.97	3.94	2.25	0.81	1.36	8.09	2.55	51.68
1998	19.28	4.28	5.97	4.39	0.43	3.38	6.56	8.30	18.98	1.82	3.40	2.25	79.04
1999	3.20	0.92	4.60	0.30	3.37	12.20	4.05	5.21	2.87	5.46	0.28	3.85	46.31
2000	2.25	1.81	2.41	1.13	0.07	5.46	1.38	2.35	6.50	1.10	11.72	2.70	38.88
2001	3.05	1.59	8.07	1.08	6.85	17.62	6.97	7.41	6.30	5.13	2.54	2.90	69.51
2002	3.29	2.76	3.58	2.14	3.04	4.83	4.54	4.09	14.23	10.09	5.10	4.82	62.51
# of Mo	56	56	56	56	56	56	56	56	56	56	56	56	56
Total	296.22	286.87	292.83	256.65	260.35	331.2	357.83	324.75	314.65	161.29	262.74	289.87	3435.25
AVG	5.29	5.12	5.23	4.58	4.65	5.91	6.39	5.80	5.62	2.88	4.69	5.18	61.34

N.O.Jefferson		6671											
													Annual
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Sum
1946	5.33	4.72	15.23	3.07	8.03	5.99	5.36	6.42	8.54	0.25	3.74	2.70	69.38
1947	7.97	2.75	7.65	7.92	4.79	8.20	3.86	5.52	3.81	3.18	13.11	9.24	78.00
1948	4.50	1.07	19.80	2.00	2.25	2.72	5.52	6.64	14.53	0.95	10.12	4.44	74.54
1949	2.59	4.83	11.82	8.11	0.92	6.64	8.23	7.28	7.40	4.40	0.27	2.68	65.17
1950	2.24	1.18	4.69	6.47	1.52	3.07	6.88	4.19	1.75	1.48	1.04	6.40	40.91
1951	4.07	1.36	7.89	7.63	2.01	5.01	5.51	4.91	5.72	1.19	2.88	2.83	51.01
1952	3.14	9.72	5.39	2.06	3.90	3.55	9.67	5.80	3.00	0.00	2.57	6.09	54.89
1953	2.01	6.69	5.79	8.49	1.48	10.89	9.80	5.85	2.33	0.74	9.80	9.56	73.43
1954	4.14	1.75	3.06	1.15	4.03	4.26	11.43	2.62	5.94	3.76	2.90	5.62	50.66
1955	5.97	6.38	0.08	6.04	6.35	4.95	15.97	10.34	7.24	1.33	3.80	2.43	70.88
1956	2.35	8.05	3.97	3.92	5.83	12.65	6.35	7.70	9.60	0.77	1.26	6.37	68.82
1957	1.54	1.94	9.77	6.20	3.54	7.75	3.33	8.12	9.19	1.82	4.16	3.10	60.46
1958	6.25	3.84	8.78	2.92	7.95	4.36	7.85	6.22	4.93	0.96	1.20	1.44	56.70
1959	3.20	10.66	4.38	3.79	9.57	7.68	17.21	4.75	3.72	6.88	1.05	2.20	75.09
1960	3.89	5.74	4.52	6.73	3.80	1.60	3.96	6.07	4.07	3.31	0.65	3.66	48.00
1961	6.97	7.97	8.44	3.75	6.27	11.02	9.27	5.55	5.58	2.86	5.89	7.29	80.86
1962	3.05	1.38	1.15	3.93	1.28	10.48	4.31	9.68	2.94	1.87	2.90	2.77	45.74
1963	4.52	6.03	0.79	1.39	1.13	10.07	6.62	5.92	5.70	0.00	10.15	6.31	58.63
1964	10.64	6.04	6.52	11.02	1.22	4.77	6.47	6.78	3.03	4.36	2.70	2.99	66.54
1965	7.92	4.84	3.37	1.07	4.68	4.71	6.39	7.41	8.11	1.31	1.92	7.18	58.91
1966	12.92	9.74	3.40	6.52	9.47	1.28	10.40	6.39	4.28	2.16	0.48	4.51	71.55
1967	3.46	7.84	1.61	2.92	2.76	3.09	8.60	7.56	5.16	5.66	0.70	8.81	58.17
1968	1.07	3.11	1.81	3.70	4.04	5.53	3.40	5.67	1.66	1.89	4.98	7.02	43.88
1969	2.79	5.17	8.34	4.01	5.58	1.11	8.95	9.39	3.69	0.52	1.43	6.52	57.50
1970	4.22	2.47	7.84	0.68	5.89	3.80	8.83	7.77	7.72	4.42	0.95	3.24	57.83
1971	1.71	4.50	4.20	0.86	2.46	4.33	13.13	5.58	16.16	1.31	3.34	6.33	63.91
1972	5.91	6.00	6.18	1.15	5.33	1.97	11.74	2.88	4.49	5.05	7.51	6.89	65.10
1973	2.25	5.35	9.65	12.02	5.43	6.86	6.61	6.10	11.28	1.38	4.52	8.41	79.86
1974	7.96	3.09	5.67	6.39	10.84	1.37	6.37	6.58	5.64	0.75	7.16	5.80	67.62
1975	3.90	5.98	5.97	5.35	10.34	19.07	7.42	10.90	3.90	2.73	3.77	3.01	82.34
1976	2.27	3.60	3.05	0.76	6.57	6.49	7.36	4.40	0.83	5.44	6.09	8.38	55.24
1977	6.04	2.59	7.59	3.07	1.59	0.27	4.76	16.44	9.55	4.72	9.32	3.91	69.85
1978	11.06	3.08	3.55	3.18	12.13	11.48							
# of Mo	33	33	33	33	33	33	32	32	32	32	32	32	32
Total	157.85	159.46	201.95	148.27	162.98	197.02	251.56	217.43	191.49	77.45	132.36	168.13	2021.47
AVG	4.78	4.83	6.12	4.49	4.94	5.97	7.86	6.79	5.98	2.42	4.14	5.25	63.17

NO	WBO	6659												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1836		6.14	3.07	1.60	8.86	5.12	2.90	7.27	3.83	6.21	1.05	2.90	3.30	52.25
1837		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1838		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1839		8.10	3.40	2.19	2.10	2.02	3.11	9.86	4.80	0.12	2.40	3.92	4.40	46.42
1840		0.11	2.01	1.09	3.10	4.80	7.10	5.60	3.10	1.80	7.80	5.55	2.22	44.28
1841		9.27	3.66	6.65	5.04	1.70	2.67	1.79	3.58	2.83	3.26	0.90	8.57	49.92
1842		3.47	5.63	2.80	4.13	0.87	1.50	6.53	6.64	5.45	1.46	3.51	1.56	43.55
1843		4.00	3.80	5.31	2.67	0.45	14.57	8.70	3.37	8.35	2.30	2.26	6.18	61.96
1844		3.88	0.73	3.90	1.16	3.12	4.42	9.80	5.25	4.11	3.25	7.78	1.35	48.75
1845		6.24	1.19	5.16	1.99	8.06	3.20	2.70	4.53	4.29	6.25	4.62	6.20	54.43
1846		9.19	6.65	7.88	10.70	5.38	1.85	8.86	6.89	6.31	1.14	1.64	0.80	67.29
1847		7.71	3.77	3.40	4.63	4.80	3.43	5.06	6.81	2.83	0.75	2.59	7.73	53.51
1848		5.42	1.28	1.97	3.92	4.75	9.36	6.86	7.01	1.03	2.88	6.26	2.66	53.40
1849		3.63	2.76	2.27	2.69	6.14	4.52	12.92	2.23	2.60	6.45	3.94	2.37	52.52
1850		6.55	4.17	2.13	4.11	6.28	6.83	6.20	7.11	0.95	1.07	1.47	4.26	51.13
1851		4.26	3.75	1.57	4.55	2.73	1.42	4.23	8.39	3.90	3.86	8.30	3.15	50.11
1852		0.88	1.53	4.47	4.96	6.39	1.58	5.52	2.46	0.64	3.51	6.84	5.10	43.88
1853		3.20	4.40	7.12	1.85	3.32	1.78	11.51	6.28	4.95	5.84	7.03	4.56	61.84
1854		1.89	9.84	4.18	3.81	6.15	4.08	2.94	3.48	8.92	4.84	1.55	1.16	52.84
1855		0.86	1.89	0.86	1.90	1.93	3.72	7.48	4.14	4.73	1.97	5.66	6.78	41.92
1856		8.90	3.68	3.73	2.85	2.53	5.79	8.63	16.12	3.20	2.29	4.65	4.75	67.12
1857		2.91	1.90	4.45	1.41	7.33	2.90	5.86	5.08	2.55	5.01	3.05	5.10	47.55
1858		4.42	5.24	5.44	2.66	3.20	5.91	7.97	9.51	4.31	4.47	3.61	3.96	60.70
1859		6.40	3.77	7.84	3.99	1.94	7.12	0.93	6.17	1.19	2.17	2.79	5.09	49.40
1860		0.62	8.61	0.76	2.42	1.26	5.07	1.50	4.50	1.80	5.66	4.28	2.74	39.22
1861		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1862		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1863		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1864		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1865		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1866		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1867		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1868		MMM	MMM	MMM	1.70	1.60	3.02	15.51	3.30	3.65	13.36	3.37	10.24	
1869		MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1870		4.75	3.72	2.19	3.95	2.50	2.30	6.00	5.70	1.30	1.30	6.80	7.85	48.36
1871		6.75	1.59	4.47	2.29	5.08	8.61	4.34	7.21	6.59	9.09	7.14	1.46	64.62
1872		5.10	4.77	9.18	5.01	3.14	5.34	6.43	3.75	2.10	3.18	7.43	5.25	60.68
1873		5.06	1.93	5.10	1.74	18.68	6.68	5.22	8.30	3.21	1.89	5.95	1.79	65.55
1874		1.68	3.68	5.37	13.62	0.22	9.62	12.93	4.82	4.21	0.00	1.12	3.27	60.54
1875		8.44	13.85	10.84	8.05	2.53	4.92	6.57	8.61	7.89	2.09	6.79	5.15	85.73
1876		4.43	8.20	11.32	6.41	7.10	6.20	4.73	4.44	0.26	0.24	4.35	9.57	67.25
1877		5.30	0.98	4.94	4.79	1.48	2.75	6.41	2.54	13.21	9.15	6.58	4.96	63.09
1878		5.36	3.50	4.63	1.51	8.11	7.35	6.21	5.31	2.64	5.07	7.78	8.69	66.16
1879		2.34	2.13	1.36	9.17	4.63	2.96	7.04	10.44	3.15	1.36	3.79	2.90	51.27
1880		1.02	4.62	6.66	6.88	6.55	6.43	11.22	4.60	7.48	1.88	6.04	6.45	69.83
1881		11.15	5.80	2.75	3.92	3.20	2.84	6.97	4.21	4.47	4.84	7.24	6.62	64.01
1882		4.54	4.04	0.92	4.83	6.83	2.71	6.84	9.47	1.59	2.16	1.98	4.27	50.18
1883		10.63	1.59	5.01	14.20	5.41	12.05	3.33	4.12	0.25	3.43	6.36	3.47	69.85
1884		4.35	3.16	8.24	6.48	4.33	8.60	4.12	0.87	3.12	5.60	3.13	8.01	60.01
1885		9.70	2.39	6.99	3.67	5.77	3.30	6.15	4.25	13.55	0.56	3.47	4.38	64.18
1886		7.53	1.96	8.41	5.60	3.07	9.30	4.35	2.40	4.09	0.22	5.33	2.57	54.83
1887		4.26	5.58	3.37	1.87	3.99	11.33	7.85	7.42	6.51	4.71	0.52	7.56	64.97
1888		3.29	11.21	6.45	1.89	9.75	9.09	2.02	22.74	4.15	7.36	1.50	3.68	83.13
1889		6.51	2.78	3.86	2.28	1.17	7.62	9.13	5.59	6.40	0.26	2.18	0.67	48.45
1890		0.66	2.27	1.45	3.46	5.32	7.71	6.59	3.62	2.85	5.24	0.42	2.58	42.17
1891		3.75	7.42	2.67	0.26	0.76	4.45	4.57	1.69	3.43	2.38	3.31	3.93	38.62
1892		5.87	0.04	2.82	10.44	2.62	5.46	7.46	6.96	6.33	2.14	3.55	3.22	56.91
1893		2.50	4.92	3.49	3.70	2.66	5.30	3.72	4.56	4.38	4.24	6.24	2.31	48.02
1894		1.76	11.06	5.94	4.71	1.79	5.19	11.51	7.32	0.92	0.89	1.34	2.01	54.44
1895		7.19	3.92	3.81	2.58	7.95	9.74	6.07	6.79	1.97	1.21	0.69	4.52	56.44

1896	2.33	2.78	5.29	4.84	2.80	8.23	2.92	3.31	5.26	5.33	2.82	3.77	49.68
1897	1.92	4.82	4.82	5.75	0.25	4.82	4.70	3.12	3.19	2.70	3.38	4.00	43.47
1898	1.71	6.20	0.80	2.80	0.02	3.79	4.57	6.24	13.90	1.77	5.17	2.03	49.00
1899	2.44	2.93	2.71	1.56	0.14	7.80	5.45	2.31	0.35	0.89	1.70	2.79	31.07
1900	3.69	5.46	4.00	10.71	2.91	5.10	6.08	4.19	3.76	3.55	1.29	5.61	56.35
1901	4.24	5.78	4.26	7.79	1.08	4.46	10.71	5.80	3.30	2.67	2.78	4.86	57.73
1902	0.97	3.83	4.07	3.71	1.56	1.46	4.24	2.93	6.68	2.42	3.65	6.09	41.61
1903	4.01	10.20	14.61	0.97	1.11	3.61	7.17	7.48	3.32	0.81	0.18	3.71	57.18
1904	3.58	1.52	4.12	1.94	4.31	5.59	8.49	5.83	2.84	1.20	1.90	2.37	43.69
1905	6.31	5.32	7.80	5.89	4.23	7.55	3.93	3.95	11.09	5.95	3.62	14.43	80.07
1906	2.57	2.25	5.53	1.08	0.70	4.39	7.32	4.88	7.40	1.08	1.03	3.36	41.59
1907	2.14	4.47	2.30	13.18	14.74	0.98	4.47	5.28	5.31	1.61	4.96	6.88	66.32
1908	4.50	4.14	3.28	1.34	4.77	2.39	11.03	5.65	10.70	0.78	0.69	1.79	51.06
1909	3.72	5.61	4.57	8.08	4.61	8.82	4.85	8.03	7.68	3.63	1.18	7.40	68.18
1910	2.68	4.75	3.15	0.90	4.65	9.46	6.40	6.01	4.91	2.09	3.05	3.45	51.50
1911	2.31	1.35	5.82	13.76	2.20	6.23	8.40	8.15	5.43	1.99	4.08	8.14	67.86
1912	5.10	3.73	10.81	8.62	16.80	4.11	7.38	4.93	3.84	2.47	2.50	11.21	81.50
1913	5.71	2.19	4.84	4.90	7.94	5.58	5.37	5.29	11.84	5.53	2.67	1.78	63.64
1914	1.02	6.43	4.17	5.34	0.19	3.51	9.18	8.47	5.05	2.63	4.65	3.99	54.63
1915	8.42	4.23	2.31	0.04	3.64	5.61	7.55	7.22	10.83	12.07	2.29	5.07	69.28
1916	4.46	2.76	0.64	2.55	7.97	9.70	6.78	4.89	3.13	8.51	0.88	7.17	59.44
1917	4.12	3.19	3.03	4.11	1.63	2.77	8.35	6.92	2.69	0.71	0.34	2.16	40.02
1918	4.43	2.21	1.69	10.73	2.79	2.45	2.03	6.19	4.82	11.07	4.46	8.46	61.33
1919	8.03	6.52	3.22	7.88	7.02	4.50	7.62	7.38	2.93	4.21	7.29	0.83	67.43
1920	5.66	3.60	3.28	7.84	4.08	8.45	6.20	4.18	6.47	3.59	3.03	8.70	65.08
1921	1.16	1.94	5.59	4.87	1.61	9.44	7.90	3.09	3.94	1.85	3.83	3.49	48.71
1922	5.22	3.25	8.45	3.81	5.75	6.45	4.05	5.71	0.93	3.25	3.38	7.01	57.26
1923	5.26	2.33	4.56	4.48	9.10	5.38	8.72	7.60	2.63	2.25	4.94	4.37	61.62
1924	6.17	5.53	2.39	3.10	5.96	4.27	2.56	2.26	2.59	0.00	0.23	6.72	41.78
1925	5.02	1.64	1.04	0.70	4.51	4.12	9.90	4.41	7.13	7.96	4.85	3.58	54.86
1926	6.10	3.02	15.95	6.39	13.66	3.70	4.20	7.25	6.01	4.48	2.92	2.18	75.86
1927	0.61	10.15	7.99	14.94	3.14	7.78	6.06	8.52	5.48	2.23	2.25	4.24	73.39
1928	2.29	7.63	5.42	7.47	6.48	12.68	5.81	6.61	3.85	3.36	5.10	6.06	72.76
1929	10.63	6.26	6.25	1.98	7.62	3.00	11.78	6.70	16.57	6.26	5.16	2.85	85.06
1930	6.89	2.98	5.88	2.89	4.31	1.27	6.11	9.49	7.30	4.81	8.57	1.80	62.30
1931	4.65	3.79	4.83	3.39	2.48	2.56	7.77	5.28	2.06	5.36	2.87	8.63	53.67
1932	5.25	2.54	2.54	5.88	15.06	3.73	6.57	8.21	6.14	8.43	3.62	4.15	72.12
1933	3.59	5.62	6.15	6.38	3.01	0.59	7.32	7.28	3.08	0.64	3.60	1.23	48.49
1934	6.00	3.33	5.93	4.55	10.39	5.24	7.72	11.46	1.16	2.53	5.75	1.96	66.02
1935	2.93	3.64	9.62	8.35	4.57	3.45	8.43	4.80	2.43	0.48	2.15	7.06	57.91
1936	8.78	5.46	2.25	6.55	3.97	0.71	8.43	7.48	6.75	3.49	3.06	3.86	60.79
1937	3.93	2.15	5.58	7.42	3.36	8.87	3.38	7.94	6.24	25.11	1.45	3.97	79.40
1938	5.27	1.50	0.91	2.93	3.60	2.57	7.85	3.35	4.54	0.96	2.10	4.59	40.17
1939	2.24	4.20	1.20	3.05	12.72	6.38	4.21	5.68	2.48	0.17	3.38	2.74	48.45
1940	5.56	8.41	5.10	11.65	0.78	7.21	11.95	10.58	7.99	1.25	1.21	8.09	79.78
1941	3.87	2.96	2.69	3.38	3.06	11.75	7.91	6.85	5.30	5.71	1.73	2.89	58.10
1942	1.32	10.41	7.33	1.51	6.35	16.01	8.70	10.87	5.35	4.22	2.23	3.77	78.07
1943	2.89	1.89	7.54	1.28	1.92	4.22	6.68	2.81	13.81	0.36	1.41	5.53	50.34
1944	8.63	5.19	5.93	9.81	4.58	2.09	5.25	5.82	6.67	0.78	12.38	2.40	69.53
1945	5.10	5.41	2.49	6.11	2.76	4.13	11.08	4.14	6.12	2.77	2.68	5.68	58.47
1946	5.43	3.88	16.51	3.16	9.18	7.19	9.37	3.78	9.28	0.17	4.00	2.63	74.58
1947	8.22	2.73	8.73	9.01	5.94	7.01	3.23	5.28	3.56	4.68	14.41	8.51	81.31
1948	4.92	1.51	21.09	2.02	2.32	5.97	4.63	9.84	15.26	1.25	10.12	5.18	84.11
1949	3.26	4.73	11.83	9.72	1.01	5.31	6.61	5.51	7.10	3.53	0.10	5.33	64.04
1950	2.14	1.40	4.94	6.68	3.69	4.21	8.52	3.67	2.95	1.40	0.77	6.81	47.18
1951	5.18	1.91	8.68	5.50	1.96	4.96	4.92	4.00	6.16	0.75	3.71	3.30	51.03
1952	3.02	10.08	5.49	3.56	5.18	3.36	10.73	2.81	2.32	0.00	2.09	6.62	55.26
1953	2.06	6.93	4.46	8.25	1.28	8.16	10.98	7.38	2.10	0.63	11.70	8.68	72.61
1954	3.76	1.90	2.94	0.89	5.11	5.10	7.81	4.05	5.83	3.76	2.88	5.88	49.91
1955	6.48	6.38	0.04	6.63	4.81	1.44	11.84	13.79	9.55	1.32	3.52	2.57	68.37
1956	2.38	9.32	4.19	4.17	7.19	11.68	8.27	3.24	9.80	1.06	1.92	6.74	69.96
1957	1.40	2.06	10.15	6.35	2.17	7.15	5.55	9.03	10.90	1.69	4.69	3.67	64.81
1958	6.53	3.92	8.50	3.17	7.16	4.56	8.52	3.76	6.62	0.98	1.38	1.38	56.48
1959	3.95	10.86	4.23	4.16	12.99	5.61	18.16	5.20	4.15	9.27	1.16	2.76	82.50
1960	3.99	6.45	4.76	6.93	4.57	3.39	5.18	6.21	3.97	3.95	0.24	4.24	53.88

1961	7.56	8.25	7.72	4.22	8.60	12.33	5.84	3.86	4.43	4.86	6.08	7.41	81.16
1962	3.02	2.77	0.99	3.00	0.78	9.28	3.30	6.36	4.48	1.32	2.92	2.57	40.79
1963	5.04	5.69	0.78	0.94	1.28	9.13	9.25	4.10	7.08	0.00	9.77	5.60	58.66
1964	10.48	6.26	6.08	9.31	0.87	3.43	5.36	6.05	4.61	4.26	2.91	2.74	62.36
1965	7.69	5.42	3.41	0.79	6.39	4.12	5.34	9.57	3.02	1.36	1.95	7.37	56.43
1966	13.81	9.57	3.22	6.13	8.07	2.17	9.37	10.28	8.84	3.46	0.38	5.43	80.73
1967	3.47	7.59	1.24	3.15	2.84	5.78	7.70	9.26	5.77	7.47	0.73	9.60	64.60
1968	1.17	3.41	2.25	2.88	4.63	9.07	4.51	6.04	1.50	4.20	4.76	7.34	51.76
1969	2.98	4.77	7.78	5.55	6.10	1.32	5.69	6.84	3.71	0.83	1.80	5.76	53.13
1970	4.05	2.52	7.70	0.77	6.63	4.23	7.11	11.40	5.98	4.39	0.30	3.19	58.27
1971	1.60	4.49	3.70	0.74	1.60	6.68	8.88	6.63	14.77	2.35	3.94	6.38	61.76
1972	5.84	5.10	5.44	1.35	6.38	0.96	10.47	2.47	3.37	5.07	8.09	7.48	62.02
1973	2.31	4.78	10.50	12.04	6.18	5.35	8.51	7.05	11.08	3.30	4.14	8.92	84.16
1974	8.58	3.34	4.74	4.30	9.60	1.58	6.12	8.21	6.42	0.04	6.30	5.60	64.83
1975	3.48	4.54	5.65	4.97	9.10	MMM	8.23	8.08	2.65	2.76	3.82	2.98	MMM
1976	2.31	3.61	3.29	0.63	7.41	4.72	7.36	5.08	1.61	5.47	6.42	9.32	57.23
1977	5.79	2.81	7.46	3.37	2.16	0.87	5.78	18.35	8.12	5.46	8.60	4.23	73.00
1978	12.53	2.70	4.00	3.12	12.37	11.21	5.04	10.19	4.05	0.00	6.44	6.02	77.67
1979	6.62	14.09	5.40										
# of Months	133.00	133.00	133.00	133.00	133.00	132.00	133.00	133.00	133.00	133.00	133.00	133.00	130.00
Total Inches	628.45	597.11	671.63	637.15	634.95	721.99	921.72	822.50	687.08	452.54	511.98	642.51	7791.49
Avg	4.73	4.49	5.05	4.79	4.77	5.47	6.93	6.18	5.17	3.40	3.85	4.83	59.93

Dublin	6669												
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual Sum
1946	4.48	3.26	15.23	3.51	8.21	8.16	5.47	4.34	8.11	0.20	3.21	2.34	66.52
1947	8.11	2.35	6.45	8.51	6.24	6.62	3.39	5.37	2.69	2.73	10.59	7.13	70.18
1948	4.28	1.62	18.17	1.51	1.66	2.39	6.73	4.79	9.59	0.80	8.73	3.78	64.05
1949	2.21	4.32	8.17	9.20	0.62	3.78	6.61	4.44	6.83	2.94	0.06	3.33	52.51
1950	1.13	1.03	3.01	5.78	1.36	3.91	7.81	3.80	0.79	1.18	0.67	5.22	35.69
1951	4.37	1.06	4.56	3.05	1.02	2.97	3.54	2.09	5.17	0.40	2.25	1.77	32.25
1952	1.46	6.78	3.31	2.77	3.04	2.39	8.39	1.31	2.22	0.00	1.40	5.36	38.43
1953	2.22	4.27	4.28	6.68	1.45	7.45	9.78	9.35	0.76	0.69	10.56	8.08	65.57
1954	2.97	1.23	2.01	1.14	2.96	2.22	9.03	3.10	6.79	2.90	2.43	3.80	40.58
1955	5.76	5.25	0.27	6.98	3.17	3.35	12.05	8.88	5.13	0.98	2.52	1.79	56.13
1956	1.40	7.75	3.79	3.44	3.55	9.50	6.05	3.08	8.94	0.72	1.33	5.67	55.22
1957	1.04	2.93	7.14	5.90	1.57	7.10	2.87	6.88	12.54	1.66	3.93	2.99	56.55
1958	6.15	3.58	7.45	3.01	9.00	3.01	11.48	6.86	5.73	0.85	0.95	1.15	59.22
1959	3.25	9.51	4.54	3.79	11.82	5.82	14.33	4.42	3.34	5.09	0.97	1.78	68.66
1960	4.17	4.20	3.64	5.37	4.13	2.60	5.04	9.23	2.25	3.54	0.20	3.42	47.79
1961	6.71	9.81	7.14	4.53	7.14	8.81	5.77	6.55	4.75	1.94	5.30	6.96	75.41
1962	2.61	1.19	1.25	2.80	0.86	11.21	3.42	4.92	3.90	2.40	2.59	2.39	39.54
1963	4.50	5.00	0.82	1.34	0.52	8.67	4.66	3.82	6.03	0.00	7.80	4.10	47.26
1964	11.58	5.12	5.67	5.58	0.77	3.19	7.53	3.63	3.16	4.39	2.31	2.82	55.75
1965	6.55	4.85	2.87	0.93	3.67	3.45	3.87	7.45	MMM	MMM	0.88	3.88	
1966	6.23	8.05	3.10	6.82	9.27	1.11	8.69	5.89	4.44	2.83	0.48	5.58	62.49
1967	2.99	6.76	1.60	2.83	2.67	3.24	7.97	10.83	5.81	5.78	0.49	8.31	59.28
1968	0.73	3.22	1.35	2.52	3.39	7.49	1.97	7.04	2.62	1.47	4.02	7.26	43.08
1969	4.68	4.21	7.08	4.23	6.06	1.53	5.86	7.25	3.56	0.59	1.72	5.42	52.19
1970	3.95	2.01	6.67	0.89	6.22	5.46	10.06	8.48	8.02	4.12	0.86	3.11	59.85
1971	2.02	4.22	3.34	0.53	2.87	4.95	4.74	4.30	16.62	0.82	3.01	6.33	53.75
1972	5.58	5.49	5.11	1.15	5.46	1.64	5.74	2.56	5.11	3.63	9.24	6.32	57.03
1973	2.10	3.97	10.12	11.01	4.31	8.29	5.71	4.27	10.31	4.03	3.83	8.10	76.05
1974	7.04	4.44	3.88	4.15	8.73	2.56	5.18	6.76	5.27	0.71	5.84	4.38	58.94
1975	3.27	5.29	3.97	5.17	7.26	11.30	6.47	9.96	4.32	2.67	4.31	2.99	66.98
1976	1.98	3.13	2.41	0.75	6.17	4.48	7.20	5.13	1.51	5.62	5.82	8.69	52.89
1977	4.95	2.74	5.30	3.33	1.41	0.76	2.79	18.44	10.38	4.48	9.16	3.52	67.26
1978	11.35	2.52	3.38	3.16	13.38	11.16	11.60	7.98	1.66	0.00	6.39	4.55	77.13
1979	5.27	10.77	3.77	4.59	4.78	0.61	6.94	4.72	5.44	1.54	4.35	3.12	55.90
1980	6.35	3.47	9.45	19.46	7.41	1.18	3.95	1.88	5.19	5.09	1.29	2.87	67.59
1981	0.59	7.92	2.58	1.96	3.77	14.00	4.82	4.66	2.24	1.63	0.34	6.66	51.17
1982	1.46	5.14	2.73	7.51	2.72	3.09	9.71	6.28	5.81	3.62	3.44	9.56	61.07
1983	4.53	8.11	4.15	15.64	4.19	7.14	1.22	6.33	7.17	2.43	3.35	7.30	71.56
1984	3.10	4.38	3.42	1.05	2.56	3.12	3.37	4.14	1.63	2.38	1.47	1.05	31.67
1985	3.76	5.78	6.70	0.36	1.42	3.24	7.92	6.42	4.23	14.71	0.74	3.45	58.73
1986	3.11	3.38	1.82	0.97	0.51	6.46	5.38	8.86	1.55	2.17	8.54	4.48	47.23
1987	7.72	6.09	5.53	2.15	3.76	11.47	5.53	4.48	4.45	0.47	2.59	1.86	56.10
1988	3.38	9.07	7.17	10.68	1.74	8.88	2.61	11.43	9.49	1.17	1.22	1.55	68.39
1989	1.18	0.00	5.50	2.23	1.47	3.01	7.94	2.99	3.15	1.31	13.18	6.23	48.19
1990	7.91	7.56	4.44	2.46	6.47	2.12	1.47	0.64	4.25	4.26	2.70	4.76	49.04
1991	18.67	4.66											
# of Mo	46	46	45	45	45	45	45	45	44	44	45	45	44
Total	208.85	217.49	224.34	201.42	190.76	234.89	282.66	266.03	232.95	110.94	167.06	205.21	2480.87
AVG	4.54	4.73	4.99	4.48	4.24	5.22	6.28	5.91	5.29	2.52	3.71	4.56	56.38

Oaknolia 2N	6911												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1941									2.01	4.98	0.45	6.45	
1942	0.65	5.22	5.79	4.28	5.96	8.33	3.44	8.85	6.93	3.12	1.18	7.63	61.38
1943	1.67	4.09	11.48	3.68	4.76	4.30	6.11	5.08	11.56	1.17	5.82	10.44	70.16
1944	5.28	3.61	6.62	2.80	6.58	5.11	3.21	6.62	3.28	0.24	7.76	4.51	55.62
1945	4.14	6.78	5.16	5.05	3.30	3.35	9.19	6.03	3.03	6.78	1.63	4.83	59.27
1946	6.94	4.71	5.50	1.21	14.14	6.98	9.60	1.78	3.57	1.29	7.73	3.10	66.55
1947	7.99	1.53	9.92	5.56	4.00	3.20	1.02	MMM	6.16	2.08	10.87	6.09	
1948	5.72	4.12	9.43	3.05	4.73	3.89	5.63	3.04	4.53	1.53	16.95	6.09	68.71
1949	4.60	6.04	10.79	6.64	2.67	5.69	12.44	6.18	4.46	6.27	0.10	3.36	69.24
1950	8.23	4.53	9.04	4.25	3.54	9.44	6.97	1.92	0.63	1.51	1.68	7.82	59.56
1951	7.75	3.47	9.42	1.48	0.50	5.02	7.02	2.12	2.22	0.45	2.67	5.82	47.94
1952	1.76	6.26	2.93	5.14	7.68	1.65	4.95	2.75	1.36	0.12	4.96	6.78	46.34
1953	3.86	7.07	6.33	8.45	19.48	8.06	5.09	7.62	0.03	1.07	6.30	14.27	87.63
1954	3.49	1.85	3.09	3.52	3.05	2.12	6.36	0.61	3.30	5.40	3.20	3.84	39.83
1955	5.37	7.13	0.29	9.66	5.21	2.92	10.32	5.87	1.14	1.26	4.25	3.79	57.21
1956	2.49	9.97	4.19	2.78	1.38	6.99	2.91	3.30	4.03	1.00	1.22	5.37	45.63
1957	3.17	4.66	7.27	5.81	3.76	6.06	2.90	2.87	8.53	3.79	7.86	3.60	60.28
1958	4.80	4.21	7.99	5.54	8.03	4.80	8.42	4.13	6.10	1.80	1.47	2.23	59.52
1959	4.79	8.99	2.53	3.63	12.34	2.60	10.64	4.93	2.42	4.11	4.83	4.13	65.94
1960	5.11	4.11	2.85	2.11	2.16	0.52	6.26	11.64	1.11	3.03	1.05	5.36	45.31
1961	6.95	12.08	7.73	3.75	4.52	3.39	8.67	5.19	8.01	0.61	7.78	9.39	78.07
1962	7.14	0.75	2.96	16.10	2.19	4.21	2.40	4.58	2.41	4.33	0.69	3.82	51.58
1963	4.19	3.21	0.83	0.66	0.53	9.16	6.39	6.55	2.23	0.20	5.70	4.44	44.09
1964	7.03	4.74	9.93	7.21	1.94	7.64	8.86	1.99	3.30	9.22	6.52	4.27	72.65
1965	2.32	5.51	5.38	0.01	5.11	3.10	6.31	6.39	8.11	0.88	3.40	5.20	51.72
1966	9.59	15.22	2.48	7.27	5.75	2.96	3.37	3.30	4.70	3.10	1.78	2.99	62.51
1967	2.76	5.19	1.62	8.33	6.96	0.57	6.58	5.18	3.09	1.89	0.34	6.40	48.91
1968	2.67	3.35	3.22	7.58	3.34	2.10	3.60	4.05	1.61	1.86	6.52	9.28	49.18
1969	1.59	6.53	5.36	7.16	4.69	1.08	7.53	2.47	4.58	12.24	0.70	6.85	60.78
1970	2.59	2.26	5.78	4.83	3.81	3.55	5.34	5.11	4.03	7.89	1.32	4.17	50.68
1971	3.01	4.69	4.32	0.95	5.99	4.40	5.80	2.39	9.43	0.92	3.03	10.50	55.43
1972	7.84	3.41	7.64	2.51	9.31	3.72	5.43	0.36	1.55	3.36	5.16	7.92	58.21
1973	4.88	5.33	13.51	10.99	3.59	4.59	5.56	2.97	11.78	1.05	7.92	6.37	78.54
1974	11.74	8.43	4.98	4.57	5.85	1.77	3.36	5.15	3.07	3.54	5.36	4.47	62.29
1975	10.06	1.38	4.75	5.59	8.44	6.88	7.75	8.96	4.83	3.88	1.71	3.81	68.04
1976	3.77	3.41	7.39	0.62	4.30	4.09	6.49	3.13	3.26	3.08	6.64	5.42	51.60
1977	7.09	3.78	7.80	10.41	1.20	1.24	6.02	16.17	11.30	4.67	9.34	3.74	82.76
1978	7.02	2.93	3.04	2.71	9.91	5.02	6.00	9.80	2.39	0.41	5.02	3.02	57.27
1979	7.70	9.43	3.41	13.61	5.90	0.94	9.89	2.63	3.56	1.29	5.84	3.38	67.58
1980	7.29	2.35	10.89	15.54	12.14	2.89	5.69	1.01	3.80	4.15	5.52	2.44	73.71
1981	1.19	5.36	3.80	1.72	5.91	7.30	6.45	7.07	3.16	2.93	0.37	8.56	53.82
1982	3.86	6.10	3.34	4.00	3.06	4.90	5.53	7.55	2.92	2.40	4.16	14.23	62.05
1983	7.35	7.08	4.93	14.85	9.14	7.05	3.84	11.54	5.92	1.89	5.24	8.69	87.52
1984	3.61	7.52	1.90	2.40	3.25	4.17	5.30	6.42	2.94	13.70	2.25	2.98	56.44
1985	6.64	6.10	4.40	1.90	2.80	6.01	4.33	5.46	5.43	11.92	0.35	4.42	59.76
1986	1.57	4.54	3.36	2.56	6.14	4.72	4.12	3.16	2.01	4.88	12.71	7.83	57.60
1987	8.77	11.29	7.97	2.12	4.71	6.62	3.75	12.85	1.57	1.15	3.52	2.86	67.18
1988	4.02	11.86	9.81	5.15	1.76	4.78	4.48	9.10	10.38	4.19	7.81	7.54	80.88
1989	4.42	1.44	5.46	1.71	9.57	13.11	4.94	5.93	8.13	1.83	6.95	6.99	70.48
1990	13.39	8.16	4.82	3.65	3.60	5.31	4.69	2.60	5.19	4.53	3.52	5.56	65.02
1991	10.18	7.95	3.25	12.94	11.62	3.40	7.20	7.18	4.93	1.07	3.14	3.77	76.63
1992	10.93	6.37	8.24	1.23	2.13	5.61	4.66	10.96	3.90	3.03	8.73	4.16	69.95
1993	15.28	2.40	6.00	9.62	3.15	6.56	4.34	4.86	2.63	5.13	4.70	4.19	68.86
1994	6.38	3.32	3.78	6.18	5.38	7.95	12.19	5.23	4.43	6.74	3.39	3.32	68.29
1995	7.62	3.82	9.56	9.81	10.65	2.39	2.80	5.52	2.30	3.10	5.68	8.30	71.55
1996	5.06	2.20	4.27	5.03	2.49	5.80	2.63	3.03	6.60	7.70	2.75	2.74	50.30
1997	8.01	11.71	3.69	10.01	5.01	5.48	2.73	2.34	2.62	2.28	5.65	6.17	65.70
1998	12.42	7.24	4.02	6.62	0.05	3.88	3.48	3.56	9.52	2.60	2.20	4.46	60.05
1999	6.49	1.99	8.40	0.24	4.68	5.95	4.90	2.85	6.28	9.25	1.02	4.86	56.91
2000	4.43	1.16	3.79	3.42	1.95	4.16	3.41	7.24	1.66	1.40	11.14	3.48	47.24
2001	5.59	3.38	10.82	0.69	1.95	17.77	5.95	8.49	5.64	6.25	2.30	4.12	72.95
2002	3.76	2.84	7.21	4.45	2.95	5.88	7.41	9.48	7.63	8.82	3.67	7.56	71.66
# of Months	61	61	61	61	61	61	61	60	62	62	62	62	60
Total Rain	356.01	326.16	356.46	325.34	320.69	303.13	352.65	325.14	279.23	226.36	283.52	350.18	3732.56
Avg	5.84	5.35	5.84	5.33	5.26	4.97	5.78	5.42	4.50	3.65	4.57	5.65	62.21

Old River Lock		6962											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1965	2.42	7.05	6.17	2.03	2.33	1.44	5.53	6.90	11.99	0.27	5.67	6.59	58.39
1966	8.35	10.86	1.77	9.06	3.64	0.50	3.97	4.53	0.71	7.91	2.82	3.27	57.39
1967	2.11	5.06	2.00	18.38	12.38	1.81	7.71	3.33	4.52	3.56	0.08	7.54	68.48
1968	4.72	2.85	3.56	3.20	6.62	2.74	3.14	7.00	2.97	2.45	4.96	9.12	53.33
1969	2.42	5.51	5.41	5.89	6.59	1.21	6.94	1.18	0.91	4.50	1.88	6.59	49.03
1970	1.87	4.23	5.06	3.08	5.31	3.11	2.27	6.84	6.23	8.84	2.27	5.55	54.66
1971	2.06	5.72	3.61	1.82	7.31	4.31	5.97	3.16	12.51	2.41	2.10	14.28	65.26
1972	8.33	1.70	6.06	1.50	5.94	1.08	3.72	2.66	5.20	2.79	5.66	10.41	55.05
1973	5.87	3.10	10.01	10.32	4.32	5.16	7.68	1.52	8.97	1.51	11.53	9.13	79.12
1974	14.22	3.34	3.25	5.29	3.41	4.28	5.06	2.96	4.38	MMM	5.82	7.19	
1975	7.25	2.85	6.07	5.58	9.71	6.86	6.03	6.50	6.22	2.41	4.93	3.82	68.23
1976	2.84	2.94	8.03	1.98	6.83	3.92	4.29	1.91	4.30	2.73	4.51	4.67	48.95
1977	5.86	2.87	6.04	11.91	1.45	1.60	4.54	6.69	4.31	3.17	11.21	3.38	63.03
1978	6.36	2.51	2.52	2.41	4.43	4.73	3.69	3.62	1.58	0.12	2.76	4.18	38.91
1979	7.38	8.51	4.47	12.29	3.62	3.23	7.99	3.03	4.11	1.21	4.58	3.59	64.01
1980	8.28	4.09	11.01	8.29	5.72	4.69	3.61	1.64	6.65	3.66	3.60	2.89	64.13
1981	1.62	4.37	5.45	2.75	7.44	5.58	4.76	1.53	4.66	3.21	2.34	5.28	48.99
1982	4.74	8.43	2.34	6.66	2.10	3.94	2.69	7.10	2.82	1.89	8.43	14.67	65.81
1983	6.56	7.67	5.24	7.58	8.76	7.52	1.39	3.00	2.08	2.20	5.94	6.76	64.70
1984	4.52	8.92	2.92	1.86	2.84	10.32	5.55	5.86	0.97	15.34	4.41	2.24	65.75
1985	2.75	7.58	4.49	2.56	2.55	3.62	3.31	6.28	5.91	9.74	1.74	3.12	53.65
1986	2.84	1.19	4.37	3.23	4.88	3.08	0.27	3.28	2.73	5.77	13.78	7.23	52.65
1987	8.92	10.01	5.90	1.99	3.18	4.89	4.39	5.28	1.34	1.72	4.14	2.86	54.62
1988	2.70	7.76	7.44	3.49	1.08	3.11	8.62	4.58	4.63	6.41	3.44	5.66	58.92
1989	4.33												
# of Months	25	24	24	24	24	24	24	24	24	23	24	24	23
Total Inches	129.32	129.12	123.19	133.15	122.44	92.73	113.12	100.38	110.7	93.82	118.6	150.02	1353.06
Avg	5.17	5.38	5.13	5.55	5.10	3.86	4.71	4.18	4.61	4.08	4.94	6.25	58.83

Paradis	22	7096											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1911							8.34	8.39	4.49	2.16	0.97	7.88	
1912	3.97	3.62	8.46	3.34	7.17	6.12	5.52	6.68	1.18	1.15	1.10	10.08	58.39
1913	3.36	3.34	4.38	3.15	5.35	3.55	9.52	3.30	12.58	3.27	2.65	2.00	56.45
1914	1.67	4.55	3.75	2.55	1.50	2.25	5.26	8.95	3.50	1.60	4.90	5.05	45.53
1915	7.50	6.81	2.25	0.00	2.75	1.20	8.00	5.35	9.75	16.15	0.30	2.85	62.91
1916	5.13	1.12	1.50	2.75	7.55	4.65	8.46	3.47	2.03	11.05	0.90	6.87	55.48
1917	5.27	3.40	3.72	1.10	1.32	1.40	5.91	12.17	3.55	1.25	0.25	3.33	42.67
1918	3.98	1.80	2.83	9.83	0.98	0.47	4.50	7.11	3.70	8.95	5.00	10.10	59.25
1919	6.85	5.02	3.87	7.32	7.45	13.74	7.67	3.02	0.81	2.10	10.10	0.30	68.25
1920	5.45	1.48	4.47	3.75	1.15	6.00	10.70	7.81	7.54	3.75	3.75	9.05	64.90
1921		1.20	2.20	4.53	3.45	7.30	3.57	5.10	2.02	0.22	2.00	2.60	
1922	3.05		10.30	5.80	8.20	4.10	6.75	2.66	4.60	1.00	2.30	8.78	
1923	1.75	1.52	4.05	3.20	8.60	6.20	8.80	6.50	1.97	4.30	8.50	3.10	58.49
1924	3.25	5.90	2.18	3.11	6.42	4.54	4.27	1.13	1.76	0.00	0.30	3.93	36.79
1925	6.49	3.36	0.58	0.43	2.05	7.77	9.63	6.30	3.53	8.81	5.30	5.12	59.37
1926	6.67												
1927								8.61	0.82	2.30	3.29	5.09	
1928	2.87	8.00	2.76	7.02	3.49	18.00	8.21	2.81	6.59	2.31	2.79	5.86	70.71
1929	10.40	7.84	8.30	2.63	8.88	10.00	10.07	4.83	4.87	5.84	7.64	3.83	85.13
1930	9.95	2.66	7.64	2.83	1.87	1.30	4.19	5.13	9.98	5.09	9.51	3.36	63.51
1931	5.16	3.82	5.74	3.64	4.43	1.10	8.13	10.39	2.96	8.87	4.25	13.65	72.14
1932	6.42	3.12	2.75	6.55	11.49	6.19	7.42	12.15	7.63	10.01	3.32	8.31	85.36
1933	4.47	6.63	7.39	7.79	4.99	1.28	6.97	5.99	0.72	1.40	4.80	4.23	56.66
1934	9.05	1.84	4.94	4.04	13.45	5.73	2.24	8.18	2.40	2.96	6.93	4.55	66.31
1935	2.54	3.39	7.82	5.60	5.17	7.81	12.14	3.36	4.83	0.82	0.67	8.63	62.78
1936	11.54	8.07	2.81	4.14	4.22	0.00	3.11	6.27	4.21	1.29	3.71	4.31	53.68
1937	3.93	5.50	6.24	6.91	3.01	16.75	6.54	2.55	2.38	15.45	2.44	3.74	75.44
1938	5.51	2.40	1.08	4.13	3.42	3.56	9.13	4.88	0.93	2.12	1.84	5.58	44.58
1939	3.31	7.20	1.88	2.17	10.81	7.68	9.43	11.13	1.23	0.34	5.41	3.71	64.30
1940	3.82	12.28	3.74	12.97	1.31	7.85	8.28	10.45	4.28	0.00	2.51	9.62	77.11
1941	4.36	3.39	4.85	2.27	3.51	5.16	14.64	4.04	9.19	6.51	3.73	5.70	67.35
1942	1.37	11.21	6.24	0.94	5.41	9.27	7.44	9.82	10.10	6.25	1.37	3.30	72.72
1943	3.45	1.53	12.47	1.47	3.58	3.26	5.61	7.91	16.40	0.64	0.88	5.56	62.76
1944	10.86	11.24	5.56	6.89	6.59	1.23	6.03	5.06	11.29	2.34	13.85	3.74	84.68
1945	5.17	6.40	7.83	3.82	3.65	3.70	9.30	9.82	9.11	5.02	2.06	6.32	72.20
1946	8.32	4.95	16.14	4.83	10.35	17.90	6.78	5.12	6.69	1.07	4.71	3.24	90.10
1947	7.22	2.80	6.22	6.55	5.14	9.95	3.83	6.79	1.11	1.74	13.07	8.25	72.67
1948	4.42	1.27	16.40	2.60	3.33	4.07	3.92	8.76	13.95	1.05	12.57	5.60	77.94
1949	2.71	2.82	12.62	6.55	0.46	8.26	MMM	4.37	6.46	4.56	0.30	5.84	
1950	2.37	3.11	4.77	8.26	3.12	5.24	7.13	5.30	0.75	0.84	1.44	7.85	50.18
1951	4.56	2.00	7.36	7.76	4.17	2.54	5.17	3.55	7.06	2.10	3.10	3.90	53.27
1952	2.75	8.41	2.99	8.55	3.52	2.76	5.23	5.79	3.75	0.00	3.00	8.14	54.89
1953	1.85	6.68	MMM	4.90	MMM	9.40	12.20	7.80	2.10	0.97	9.90	8.48	
1954	6.02	1.70	1.83	1.75	6.03	4.85	7.94	0.79	10.96	3.35	2.45	4.55	52.22
1955	6.03	5.35	0.25	5.18	3.18	5.42	9.43	6.25	3.80	1.31	6.30	3.20	55.70
1956	1.65	5.63	3.78	3.90	4.49	7.78	7.60	2.64	8.98	1.94	0.58	5.35	54.32
1957	1.85	2.85	8.30	8.80	1.97	5.90	6.56	5.22	15.48	2.00	4.50	2.38	65.81
1958	7.35	4.96	10.10	2.90	7.06	2.60	7.80	7.88	7.95	0.75	1.10	1.62	62.07
1959	2.35	10.65	5.20	2.05	18.00	10.35	10.37	5.88	1.87	10.75	1.00	2.15	80.62
1960	4.85	5.75	4.30	4.20	3.89	2.65	5.27	6.71	1.35	4.00	0.30	4.65	47.92
1961	6.35	13.06	14.83	3.95	3.72	7.61	8.78	9.63	8.20	1.80	6.00	5.07	89.00
1962	3.85	1.50	1.05	2.95	1.13	4.90	2.90	7.37	2.73	3.57	1.48	2.77	36.20
1963	4.40	5.30	1.35	0.50	3.13	8.22	6.07	4.32	6.62	0.00	12.33	4.48	56.72
1964	9.37	6.25	6.61	7.64	1.03	2.65	11.54	5.10	4.55	4.35	2.87	1.64	63.60
1965	7.27	3.18	2.16	0.45	3.47	3.14	4.97	9.22	7.72	1.38	1.80	8.01	52.77
1966	13.45	9.81	1.34	7.39	13.61	3.22	13.16	1.80	5.32	3.68	1.08	5.24	79.10
1967	4.13	7.92	2.00	2.97	3.73	1.55	7.56	10.45	6.92	3.85	0.45	9.46	60.99
1968	1.45	MMM	2.96	4.02	6.43	0.77	4.51	7.10	4.60	2.18	4.42	8.01	
1969	3.61	3.34	7.08	3.84	6.06	1.56	10.17	3.97	2.12	0.94	0.33	6.91	49.93
1970	3.69	1.05	6.52	0.64	5.75	3.62	4.17	11.44	4.90	6.44	1.25	2.36	51.83

1971	1.75	4.63	5.20	1.07	2.22	4.65	13.94	4.01	17.40	1.13	2.65	6.20	64.85
1972	7.16	8.04	4.39	1.99	6.81	6.73	6.51	1.91	6.88	3.98	7.84	8.60	70.84
1973	2.82	4.69	10.81	11.92	3.94	3.39	5.96	3.56	14.05	2.65	4.01	11.45	79.25
1974	6.49	1.67	6.62	4.10	5.97	2.90	8.63	7.93	6.67	0.52	7.20	5.08	63.78
1975	3.18	6.60	5.20	2.68	10.62	8.53	11.04	11.21	3.31	4.82	3.99	3.08	74.26
1976	1.44	4.85	4.70	0.54	6.94	8.75	5.48	4.92	2.12	6.40	5.19	9.33	60.66
1977	5.29	2.44	4.25	2.93	4.82	2.30	6.36	13.12	8.96	3.82	15.69	3.93	73.91
1978	12.36	3.02	3.94	3.35	7.15	7.72	5.58	8.36	5.76	0.00	6.91	4.59	68.74
1979	5.90	11.01	2.46	5.66	6.68	1.72	9.65	4.27	7.50	1.50	4.31	2.97	63.63
1980	7.06	1.81	9.41	22.12	12.31	3.91	4.43	1.29	7.94	8.92	3.61	1.48	84.29
1981	0.92	9.26	2.40	0.62	8.21	5.08	3.66	7.48	5.02	4.24	0.92	6.73	54.54
1982	2.94	7.12	2.43	7.14	2.63	4.15	9.37	8.58	5.94	2.60	6.15	8.63	67.68
1983	6.16	10.09	4.64	11.29	5.84	10.61	3.38	8.13	6.85	3.40	5.38	7.86	83.63
1984	3.98	6.33	4.32	2.22	4.51	6.77	7.06	8.96	2.44	3.86	1.82	2.47	54.74
1985	4.98	8.19	5.69	0.86	3.57	1.56	11.15	10.85	7.06	14.66	0.81	2.67	72.05
1986	3.28	2.67	2.12	1.50	4.79	4.16	2.77	5.18	1.34	7.09	5.57	5.40	45.87
1987	MMM	MMM	MMM	MMM	MMM	MMM	3.93	5.82	2.68	0.65	4.32	2.86	
1988	3.47	9.17	5.20	9.38	2.01	9.24	10.82	8.10	8.74	5.25	1.79	5.44	78.61
1989	1.89	0.07	6.40	4.73	3.29	6.78	8.57	3.17	2.61	1.57	8.15	6.63	53.86
1990	9.11	11.82	6.36	3.06	6.36	2.36	2.07	5.00	4.71	2.82	3.78	5.66	63.11
1991	19.40	5.48	6.09	15.07	16.51	6.18	5.60	5.88	2.41	2.88	2.32	3.15	90.97
1992	11.14	9.40	5.54	1.73	1.55	6.11	7.84	9.18	5.94	0.50	13.10	6.30	78.33
1993	5.98	2.68	7.70	4.91	4.95	6.73	4.81	2.37	6.41	7.18	4.13	3.94	61.79
1994	2.64	1.16	4.72	3.40	6.41	8.36	8.68	4.14	3.70	3.58	2.72	2.95	52.46
1995	4.21	5.60	10.28	3.54	11.07	4.51	6.93	3.54	1.50	1.63	4.36	2.23	59.40
1996	6.30	2.28	2.92	2.76	2.19	11.05	5.68	5.67	6.22	1.89	2.53	MMM	
1997	4.61	8.32	6.80	4.39	10.59	4.70	9.76	4.95	1.67	2.98	7.25	2.64	68.66
1998	15.81	4.53	6.16	3.07	1.60	2.29	6.98	2.12	20.59	1.43	6.10	1.70	72.38
1999	4.56	MMM	3.93	0.00	3.62	5.97	6.57	1.46	4.95	5.57	0.36	3.32	
2000	2.47	0.93	5.17	0.80	0.48	5.52	4.02	3.19	11.58	1.62	13.70	3.09	52.57
2001	2.71	1.43	10.66	1.35	0.05	20.44	6.51	6.11	6.25	6.32	2.71	3.34	67.88
2002	3.58	2.10	4.40	3.49	1.21	3.08	4.09	9.13	17.93	14.35	3.95	4.29	71.60
# of Months	88	85	87	88	87	88	89	91	91	91	91	90	81
Total Rain	464.03	427.37	471.65	391.47	454.89	502.32	636.67	564.16	536	339.75	388.97	467.29	5218.09
Avg	5.27	5.03	5.42	4.45	5.23	5.71	7.15	6.20	5.89	3.73	4.27	5.19	64.42

Pearl River	7160												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1906	MMM	MMM	MMM	MMM	MMM	1.93	9.15	8.02	5.62	1.50	1.20	3.60	
1907	1.57	4.76	2.81	10.95	10.77	2.45	4.49	10.11	6.78	3.26	7.86	10.06	75.87
1908	4.64	5.54	2.84	3.38	8.66	3.30	10.42	7.84	8.65	1.20	0.85	2.62	59.94
1909	3.20	5.05	5.78	5.53	4.20	16.50	5.53	8.63	7.38	3.86	1.42	8.64	75.72
1910	2.30	3.26	0.86	0.17	3.76	8.21	6.09	5.71	3.72	3.04	1.62	3.61	42.35
1911	3.39	1.68	2.59	7.33	7.38	5.20	4.36	9.00	5.26	2.84	3.98	7.54	60.55
1912	4.96	4.26	9.38	23.43	9.36	5.30	5.02	4.28	2.54	1.66	3.14	10.64	83.97
1913	6.63	2.90	5.16	4.15	4.82	4.08	5.28	5.20	7.38	5.28	2.70	1.86	55.44
1914	1.58	8.44	5.30	4.48	0.62	2.92	11.36	5.65	4.98	1.58	6.94	4.58	58.43
1915	7.36	7.64	1.63	0.04	5.13	3.34	12.66	6.02	8.02	6.03	3.34	6.74	67.95
1916	6.82	2.89	1.86	4.77	7.00	6.54	15.19	7.74	2.46	2.86	0.86	5.36	64.35
1917	5.46	4.62	4.76	3.15	1.65	1.71	6.93	8.23	2.23	0.63	0.98	3.32	43.67
1918	6.36	2.22	1.30	8.23	1.00	3.78	6.23	5.01	3.47	10.09	4.08	10.41	62.18
1919	7.74	6.66	4.09	6.95	11.20	6.84	4.29	4.75	1.80	9.05	7.86	1.90	73.13
1920	4.86	7.04	2.66	4.88	7.93	4.26	9.06	3.77	8.02	2.00	3.89	8.34	66.71
1921	1.98	3.47	4.15	5.30	3.24	4.97	11.87	2.69	3.73	2.61	3.41	5.17	52.59
1922	5.45	4.13	11.97	2.89	7.68	3.48	5.25	5.43	2.00	2.47	7.45	6.70	64.90
1923	5.24	5.06	4.41	3.23	13.34	7.73	10.05	8.36	2.93	5.73	6.32	3.99	76.39
1924	6.56	3.06	2.90	2.81	3.82	4.88	1.98	1.07	2.95	0.07	0.44	4.30	34.84
1925	8.42	4.27	0.69	1.46	7.50	5.13	9.86	4.39	3.29	9.28	2.68	3.25	60.22
1926	7.26	4.62	8.90	7.48	4.58	6.02	5.92	14.83	4.48	3.84	4.01	3.46	75.40
1927	0.90	7.60	8.79	6.28	3.94	7.22	6.23	5.54	1.22	3.27	1.30	5.58	57.87
1928	0.94	5.39	4.44	6.60	8.43	18.41	5.05	7.36	4.03	8.70	3.78	6.79	79.92
1929	8.98	8.36	7.16	2.98	5.26	3.96	10.02	6.56	4.80	7.86	5.56	2.46	73.96
1930	5.58	2.12	4.00	1.34	2.52	1.06	4.32	10.12	7.21	5.28	6.57	1.92	52.04
1931	6.87	3.73	6.55	0.89	2.58	3.36	14.56	7.13	3.49	3.29	3.37	9.39	65.21
1932	6.08	2.93	2.45	3.79	9.77	3.26	2.76	10.59	6.45	7.41	4.58	4.70	64.77
1933	3.40	6.41	6.10	9.79	5.88	3.19	7.73	4.88	0.83	1.48	1.48	3.31	54.48
1934	3.18	6.74	4.49	3.12	8.19	7.30	5.84	11.91	1.47	1.72	7.82	2.46	64.24
1935	2.28	4.10	6.13	8.96	7.30	3.43	6.82	6.79	3.29	0.11	2.86	5.68	57.75
1936	9.51	5.36	1.61	7.93	6.59	1.01	4.84	6.00	5.93	2.17	1.76	4.93	57.64
1937	5.86	1.77	8.48	3.42	3.40	7.36	7.83	8.08	3.76	14.08	1.84	4.17	70.05
1938	4.59	3.83	6.39	3.92	2.00	6.59	6.96	5.29	4.40	3.52	6.50	3.63	57.62
1939	2.83	7.71	2.26	2.25	8.11	7.12	9.37	5.48	2.50	1.58	1.21	3.12	53.54
1940	4.10	9.11	3.47	7.55	0.52	9.50	10.89	5.88	4.58	1.40	2.64	10.23	69.87
1941	3.67	3.56	2.93	2.21	1.83	5.71	9.20	6.75	5.99	3.85	1.74	3.79	51.23
1942	5.47	8.59	5.25	1.24	4.18	10.91	6.37	14.39	3.82	1.93	3.36	6.29	71.80
1943	2.33	2.58	8.86	0.62	2.82	5.71	7.10	1.91	11.44	5.08	5.37	2.42	56.24
1944	6.23	2.57	6.26	7.52	3.59	2.95	2.17	6.32	2.41	2.05	12.77	3.15	57.99
1945	4.86	4.51	2.99	5.39	2.15	3.65	16.58	3.03	6.30	4.67	0.83	7.58	62.54
1946	5.95	4.38	18.13	2.04	14.05	9.87	14.95	7.02	7.58	0.25	4.43	3.10	91.75
1947	10.00	2.93	17.69	6.76	3.39	5.55	0.29	8.40	8.76	1.76	12.04	7.55	85.12
1948	7.08	1.93	15.46	2.75	6.22	2.64	9.71	8.54	14.10	0.82	15.72	5.88	90.85
1949	2.45	4.19	7.25	11.00	2.21	6.68	9.22	3.17	6.58	1.83	0.09	4.39	59.06
1950	2.48	5.77	6.37	4.60	1.96	6.28	4.73	5.78	4.38	2.40	0.93	5.67	51.35
1951	4.09	3.30	13.77	10.19	0.94	9.00	4.72	2.46	10.32	0.41	3.54	3.48	66.22
1952	1.91	9.90	3.65	6.43	4.53	2.03	6.96	5.37	4.50	0.13	2.81	7.44	55.66
1953	3.60	8.50	4.87	10.15	1.30	8.65	7.98	4.38	0.31	0.27	11.65	9.93	71.59
1954	2.01	1.04	3.04	3.10	4.33	2.84	10.44	2.87	8.70	5.93	1.99	3.73	50.02
1955	7.13	5.73	0.14	11.55	4.53	1.96	10.05	4.24	2.02	0.46	4.94	3.82	56.57
1956	2.97	4.51	3.64	3.55	4.49	12.62	9.15	2.22	9.34	4.40	1.50	7.71	66.10
1957	1.11	3.48	5.84	8.41	2.92	4.08	3.76	8.54	9.88	1.24	5.02	3.96	58.24
1958	7.10	3.09	11.68	3.47	17.16	6.77	6.28	6.99	5.89	0.94	1.03	1.33	71.73
1959	3.47	8.08	4.05	6.10	6.13	8.42	9.44	8.71	4.19	7.49	5.43	1.53	73.04
1960	6.62	5.01	3.01	5.28	5.84	1.98	4.74	9.62	4.19	3.62	0.69	2.65	53.25
1961	7.64	11.21	13.90	4.17	4.86	6.39	5.88	7.60	11.18	0.73	6.50	9.53	89.59
1962	6.69	2.45	4.60	1.39	1.20	7.83	5.49	7.70	2.13	1.53	3.56	3.80	48.37
# of Months	56	56	56	56	55	57	57	57	57	57	57	57	56
Total Rain	271.74	274.04	319.74	297.35	298.76	323.86	429.42	374.35	295.66	192.54	232.24	293.19	3571.87
Avg	4.85	4.89	5.71	5.31	5.43	5.68	7.53	6.57	5.19	3.38	4.07	5.14	63.78

Pearl River Lock 1			7161										
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1948	7.85	2.07	14.26	3.76	5.93	1.97	MM	MM	12.28	1.08	11.99	5.54	
1949	3.28	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	
1950	MM	MM	MM	MM	MM	5.21	5.26	4.09	2.32	2.79	MM	5.76	
1951	3.13	2.86	13.00	9.29	0.60	7.03	MM	1.27	8.68	0.33	2.55	3.40	
1952	2.21	8.24	2.37	5.74	4.42	1.87	8.54	3.84	5.00	0.00	2.85	MM	
1953	MM	6.54	4.43	7.61	1.28	5.12	8.31	7.14	0.45	0.31	11.71	10.81	
1954	3.27	0.94	3.41	3.42	3.66	2.60	6.98	2.23	8.97	6.50	2.67	4.89	49.54
1955	7.09	5.13	0.14	11.38	5.30	2.15	10.71	6.10	3.44	0.67	5.45	3.83	61.39
1956	2.51	3.86	4.83	3.49	4.29	9.13	8.56	2.75	6.90	5.40	0.97	11.03	63.72
1957	0.87	3.57	6.47	7.73	1.47	3.64	4.00	9.96	10.48	1.96	6.54	3.77	60.46
1958	5.91	3.02	10.41	3.78	13.32	5.76	3.10	4.96	6.34	1.27	1.20	1.49	60.56
1959	3.71	7.64	4.67	4.84	6.02	7.56	12.04	5.82	2.66	11.29	4.98	2.33	73.56
1960	5.69	4.87	2.26	4.39	4.48	1.02	3.01	7.80	3.15	2.39	1.12	2.99	43.17
1961	7.42	10.96	12.80	6.23	4.72	6.43	4.40	3.14	9.40	0.52	7.78	10.18	83.98
1962	5.17	1.98	3.76	1.95	1.09	6.08	2.36	4.76	3.81	2.78	3.45	4.81	42.00
1963	3.50	4.94	1.26	1.24	3.33	MM	4.41	4.18	4.93	0.13	MM	MM	
1964	8.51	4.64	6.17	7.89	3.09	4.18	10.01	8.88	3.69	4.06	5.42	3.80	70.34
1965	3.98	5.22	5.07	0.03	1.76	4.42	4.57	7.93	9.79	3.28	4.57	5.15	55.77
1966	9.58	13.23	5.29	8.81	6.69	1.75	8.11	7.62	3.09	1.54	1.20	5.00	71.91
1967	5.14	3.78	1.95	4.65	2.96	2.35	6.78	6.51	7.71	4.31	1.12	11.18	58.44
1968	1.68	3.03	4.38	2.45	2.72	3.03	7.46	2.45	2.25	2.64	4.32	6.57	42.98
1969	3.57	4.46	7.85	MM	3.90	1.00	10.22	9.23	1.93	1.01	3.17	5.88	
1970	2.76	3.28	8.64	1.39	4.95	9.43	8.05	6.72	5.15	5.88	1.68	6.32	64.25
1971	1.67	6.66	4.91	0.46	1.91	3.43	5.10	2.90	8.55	0.06	MM	6.82	
1972	9.78	3.85	7.04	1.56	13.32	3.53	5.47	0.70	MM	2.40	7.11	11.81	
1973	MM	6.26	11.29	11.19	MM	5.57	3.46	2.87	11.60	2.10	5.52	9.96	
1974	10.06	7.28	7.73	10.54	10.17	1.89	5.87	7.25	5.08	0.46	6.64	4.50	77.47
1975	4.48	2.06	MM	4.73	7.54	8.28	5.82	10.54	3.58	3.27	4.92	4.35	
1976	1.39	5.20	4.57	0.35	5.12	1.21	5.84	2.48	2.36	5.93	4.33	5.63	44.41
1977	7.58	3.80	4.22	5.27	4.22	0.70	3.85	7.21	11.49	5.46	8.84	4.10	66.74
1978	9.72	3.22	3.01	3.27	12.67	5.23	9.61	5.40	1.69	0.00	5.13	3.17	62.12
1979	6.43	10.16	3.13	9.59	5.03	4.24	13.24	2.15	7.27	0.88	4.86	4.46	71.44
1980	5.95	1.30	15.61	14.63	13.19	3.58	4.69	1.29	3.51	4.71	4.52	1.24	74.22
1981	0.86	12.70	4.32	1.58	2.81	4.08	4.04	4.79	3.41	0.89	0.58	6.17	46.23
1982	3.82	6.31	3.10	7.90	4.03	4.13	12.20	9.27	3.85	4.10	4.66	9.53	72.90
1983	5.76	10.10	6.41	12.52	3.14	6.09	2.96	6.38	5.19	3.18	6.23	8.72	76.68
1984	4.35	6.26	3.59	1.45	3.28	5.01	6.26	6.20	3.55	2.99	2.04	3.71	48.69
1985	6.69	7.00	5.99										
# of Months	35	36	35	34	34	35	34	35	35	36	33	34	25
Total Rain	175.37	196.42	208.34	185.11	172.41	148.7	225.29	186.81	193.55	96.57	150.12	198.9	1542.97
Avg	5.01	5.46	5.95	5.44	5.07	4.25	6.63	5.34	5.53	2.68	4.55	5.85	61.72

Pine Grove	7304												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1942	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	MMM	
1943	2.81	3.57	14.11	2.55	3.46	1.35	6.83	8.89	9.74	0.64	5.29	7.20	66.44
1944	5.52	3.75	5.90	3.06	6.70	3.45	3.03	6.13	5.89	0.43	7.71	2.94	54.51
1945	6.93	5.66	4.42	6.52	2.45	3.45	8.64	2.54	4.10	6.79	2.48	5.54	59.52
1946	6.27	4.47	7.75	1.48	10.38	4.50	10.43	3.58	3.25	1.49	6.44	3.45	63.49
1947	8.21	1.49	12.16	7.12	5.79	4.35	1.84	5.31	7.41	2.02	9.02	9.78	74.50
1948	MMM	3.40	8.80	3.32	3.70	4.38	4.72	8.52	6.72	0.72	18.25	5.62	
1949	4.06	5.61	9.24	7.93	3.41	6.00	8.29	6.34	6.41	5.44	0.00	4.23	66.96
1950	7.94	5.46	9.58	4.20	3.85	12.84	MMM	4.30	1.02	1.90	1.84	7.39	
1951	7.63	4.02	9.28	2.56	1.66	3.45	MMM	MMM	3.63	0.40	1.42	MMM	
1952	1.70	5.84	2.81	5.21	5.74	0.88	5.07	1.32	1.64	0.00	3.10	MMM	33.31
1953	5.19	9.14	4.13	8.46		5.21	9.89	5.92	0.04	1.29	8.79	16.03	
1954	4.14	2.28	3.38	5.06	4.64	5.64	7.76	1.97	4.00	5.14	4.25	3.37	51.63
1955	5.56	6.30	0.32	9.42	2.63	1.77	10.79	6.33	3.04	1.43	7.01	2.72	57.32
1956	3.59	8.84	5.13	3.94	2.41	3.93	4.43	3.80	1.87	2.39	1.28	5.93	47.54
1957	2.57	4.43	4.66	5.68	5.03	7.76	5.24	4.46	9.09	3.41	10.49	3.45	66.27
1958	2.98	5.69	9.03	4.85	8.80	3.88	6.93	5.14	3.85	1.81		2.31	55.27
1959	6.14	10.09	2.02	2.94	11.11	8.88	18.39	6.46	2.30	7.04	3.78	5.54	84.69
1960	4.65	4.82	3.46	2.89	4.15	3.29	6.05	9.35	0.63	4.42	1.32	5.74	50.77
1961	7.00	12.44	12.72	5.08	4.73	5.36	8.45	4.95	9.94	0.99	8.88	12.95	93.49
1962	8.99	0.78	3.13	12.15	2.30	8.58	1.77	8.05	6.29	6.20	0.79	4.15	63.18
1963	5.22	4.55	1.75	0.80	2.78	6.69	5.75	5.06	3.06	0.12	6.00	5.41	47.19
1964	7.60	4.93	11.64	9.15	4.47	3.27	8.93	2.39	3.63	8.33	6.82	6.91	78.07
1965	4.28	7.15	7.79	0.02	3.81	2.29	9.12	5.57	6.01	1.06	1.41	6.69	55.20
1966	12.71	17.57	3.76	7.64	5.75	2.96	5.25	10.00	3.56	6.94	2.16	4.43	82.73
1967	5.01	8.18	2.51	MMM	6.94	0.83	12.65	4.76	3.56	2.08	0.26	7.52	
1968	4.19	3.83	3.46	2.93	3.42	2.06	5.68	2.59	3.76	2.73	6.16	11.16	51.97
1969	1.46	6.85	6.46	9.92	6.23	0.37	13.87	4.78	0.74	7.32	1.25	4.93	64.18
1970	3.62	3.32	7.33	4.26	3.94	5.68	6.80	7.26	2.59	8.09	2.32	7.90	63.11
1971	2.41	6.97	5.92	1.99	4.40	3.82	8.39	2.36	12.89	0.63	3.18	12.86	65.82
1972	7.86	4.13	8.77	2.13	12.38	6.53	7.31	MMM	4.98	2.93	5.55	8.32	
1973	4.68	3.83	14.74	12.90	4.23	5.26	6.76	3.70	13.19	2.37	9.23	7.92	88.81
1974	9.70	5.43	5.53	5.83	12.99	1.25	7.77	7.54	3.73	0.70	4.99	6.09	71.55
1975	11.44	2.39	6.63	10.13	6.05	8.21	6.33	9.72	5.44	2.56	2.26	3.76	74.92
1976	2.84	2.50	7.50	1.04	4.70	5.23	8.21	4.34	1.79	4.66	7.20	5.99	56.00
1977	7.90	3.29	7.67	10.76	2.53	0.95	7.99	19.33	17.95	5.55	15.03	5.59	104.54
1978	8.45	3.56	2.84	2.95	9.72	3.85	5.58	8.04	3.96	0.02	7.00	4.69	60.66
1979	10.47	9.82	3.56	17.35	7.74	2.94	11.12	3.97	6.04	1.01	7.05	4.95	86.02
1980	6.47	2.79	14.39	14.38	11.37	6.87	2.51	3.07	4.97	4.50	4.81	2.42	78.55
1981	0.80	7.08	3.93	0.65	8.02	5.63	6.63	7.08	7.93	2.64	0.60	5.95	56.94
1982	4.62	7.22	4.88	4.92	3.75	4.04	8.96	10.16	2.47	3.58	5.72	14.29	74.61
1983	7.69	9.69	6.33	15.34	8.04	7.85	4.44	13.22	6.46	1.82	5.32	11.43	97.63
1984	3.53	7.75	1.73	3.46	3.57	7.97	6.82	11.27	3.35	9.73	3.73	6.67	69.58
1985	6.64	6.95	5.58	5.10	3.95	3.68	10.76	9.67	9.68	16.02	1.03	4.52	83.58
1986	2.01	4.22	3.32	2.65	10.11	6.07	5.73	3.93	3.02	5.99	12.01	6.71	65.77
1987	6.55	11.84	7.81	2.80	6.45	8.94	6.16	14.39	1.96	0.83	3.24	3.63	74.60
1988	5.44	10.99	10.89	6.30	1.43	4.28	7.10	6.60	11.12	3.93	5.37	13.04	86.49
1989	4.46	2.45	6.23	2.39	7.24	13.90	5.46	5.33	7.34	1.98	8.25	6.31	71.34
1990	12.08	9.78	6.63	4.02	4.24	6.33	6.56	3.78	7.32	5.28	3.34	6.44	75.80
1991	10.96	8.34	3.91	11.19	13.78	9.05	9.23	5.41	4.78	0.88	2.98	2.99	83.50
1992	11.90	7.59	8.65	2.56	3.03	11.59	6.50	13.46	3.88	2.58	8.36	6.10	86.20
1993	14.35	3.74	8.41	11.14	5.43	7.71	9.09	6.13	4.59	6.83	6.56	4.51	88.49
1994	6.84	4.64	5.08	7.99	10.47	11.82	10.08	7.94	7.31	6.02	2.70	3.70	84.59
1995	7.98	3.99	13.50	11.20	11.08	2.59	6.15	4.93	1.62	5.38	7.51	8.73	84.66
1996	9.15	3.75	6.49	4.92	1.97	7.91	6.85	7.79	5.79	MMM	3.94	3.72	
1997	6.06	10.87	3.89	7.28	4.56	14.70	5.04	2.07	1.24	1.50	6.86	6.48	70.55
1998	13.72	6.59	5.52	6.86	0.09	3.76	5.15	3.44	14.01	3.95	3.89	3.56	70.54
1999	5.57	1.43	6.56	0.50	5.93	4.44	5.41	2.95	2.87	6.97	0.98	5.25	48.86
2000	3.70	1.11	5.54	2.79	1.55	4.06	6.02	4.05	8.02	1.00	10.47	3.24	51.55
2001	4.82	4.08	9.01	0.57	0.99	17.70	8.28	7.29	7.97	6.34	1.18	4.02	72.25
2002	3.80	2.58	7.50	4.27	5.15	4.82	5.58	8.13	8.36	9.34	4.16	8.02	71.71
# of Months	59	60	60	59	59	60	58	58	60	59	59	58	53
Total Inches	370.86	345.85	395.67	337.5	327.22	336.85	420.57	366.86	323.8	218.14	303.02	365.19	3687.45
Avg	6.29	5.76	6.59	5.72	5.55	5.61	7.25	6.33	5.40	3.70	5.14	6.30	69.57

Port Allen	7448												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1974													
1975			MMM	8.46	8.24	7.09	10.91	5.95	1.21	1.86	1.38	3.06	
1976	3.28	5.33	MMM	0.80	5.14	3.30	5.37	3.65	3.08	3.56	5.16	6.72	
1977	7.04	2.36	3.86	9.41	3.25	1.04	6.16	10.71	13.28	4.05	11.42	4.42	77.00
1978	7.47	2.34	1.84	2.56	5.75	5.22	7.42	10.03	2.65	0.00	5.16	1.76	52.20
1979	6.15	10.17	4.29	12.94	5.37	0.28	10.32	4.51	3.72	1.94	5.55	2.73	67.97
1980	4.70	1.15	11.69	14.31	8.39	2.81	7.69	2.94	7.76	4.68	4.83	1.21	72.16
1981	1.04	7.43	2.10	2.14	4.64	MMM	4.92	4.59	3.44	2.66	1.36	5.64	
1982	2.81	6.56	1.61	5.61	3.89	2.52	4.05	6.68	2.47	3.75	3.00	13.88	56.83
1983	5.75	6.62	4.91	10.30	4.65	11.43	4.89	10.53	5.72	2.11	5.99	5.06	77.96
1984	3.34	6.32	1.18	1.73	4.96	4.61	4.26	6.57	4.40	14.59	2.03	2.83	56.82
1985	5.75	6.46	4.66	1.87	2.12	4.13	7.75	4.44	7.74	11.50	0.67	3.84	60.93
1986	1.81	3.82	3.75	2.62	4.03	6.10	3.51	3.44	2.11	5.37	11.04	5.92	53.52
1987	7.67	7.13	6.01	1.57	6.28	8.20	7.32	11.96	0.86	0.95	4.25	3.34	65.54
1988	4.01	13.58	9.84	4.61	1.41	2.14	5.05	14.21	5.31	2.72	4.35	7.16	74.39
1989	5.47	1.36	5.18	2.06	10.62	21.05	7.80	5.23	5.36	4.88	12.07	7.60	88.68
1990	10.77	8.46	6.40	2.69	3.06	4.56	4.50	3.11	5.09	3.53	3.00	6.59	61.76
1991	9.62	7.44	3.79	9.34	15.51	7.20	7.52	5.98	6.73	4.32	2.73	2.67	82.85
1992	11.02	9.06	4.68	3.21	2.35	9.70	13.39	6.39	2.68	1.93	8.49	4.94	77.84
1993	12.70	3.66	5.98	11.14	3.16	4.28	3.70	4.65	2.02	5.10	3.78	4.02	64.19
1994	6.52	3.06	4.16	7.28	6.66	7.94	7.86	2.87	4.22	5.64	1.65	2.70	60.56
1995	MMM	MMM	12.10	7.43	7.56	3.28	5.83	4.72	4.70	4.52	8.65	9.04	
1996	6.54	3.42	5.78	5.75	2.53	5.52	2.21	6.84	5.44	10.12	1.39	2.76	58.30
1997	5.95	8.01	3.30	8.82	MMM	10.37	4.33	4.30	0.93	4.12	7.85	6.89	
1998	13.67	5.19	4.66	5.80	0.11	2.22	4.08	4.05	7.80	2.82	2.69	3.15	56.24
1999	6.62	1.58	3.74	1.25	4.52	MMM	9.75	1.48	2.51	5.22	0.79	5.03	
2000	2.43	0.47	3.34	2.49	0.45	4.06	2.95	2.34	2.98	0.57	10.16	2.80	35.04
2001	5.47	2.71	8.75	0.60	0.60	22.21	5.24	7.30	5.75	5.38	0.66	4.24	68.91
2002	4.12	2.32	7.24	10.65	3.43	9.02	3.45	6.06	7.90	10.03	4.01	6.24	74.47
# of Months	26	26	26	28	27	26	28	28	28	28	28	28	22
Total Inches	161.72	136.01	134.84	157.44	128.68	170.28	172.23	165.53	127.86	127.92	134.11	136.24	1444.16
Avg	6.22	5.23	5.19	5.62	4.77	6.55	6.15	5.91	4.57	4.57	4.79	4.87	65.64

Port Sulphur	7471												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1935								8.90	4.37	1.00	2.23	5.21	
1936	6.80	5.43	3.42	2.78	4.73	1.05	3.50	12.14	7.64	0.95	1.80	5.33	55.57
1937	2.62	6.70	5.46	2.85	2.90	10.55	4.23	10.24	7.19	14.79	1.58	2.48	71.59
1938	4.25	1.49	1.10	2.78	7.34	9.55	7.70	4.52	4.15	3.38	2.73	2.86	51.85
1939	1.98	4.16	0.63	6.06	14.61	5.93	9.31	5.47	14.57	0.21	4.75	2.09	69.77
1940	3.40	5.58	2.12	7.41	1.65	3.07	11.93	6.48	8.79	0.45	2.56	6.30	59.74
1941	2.47	3.98	3.53	1.10	1.76	9.68	9.49	6.25	6.59	2.46	1.08	5.25	53.64
1942	2.43	9.39	8.92	2.12	9.26	13.10	9.30	11.00	6.56	7.07	1.40	4.80	85.35
1943	2.89	2.44	4.27	0.44	6.26	2.00	5.99	4.08	11.82	0.70	6.70	3.65	51.24
1944	10.17	2.89	6.04	8.20	3.09	4.47	9.36	7.07	10.77	1.12	8.41	1.91	73.50
1945	5.89	2.71	2.33	1.83	2.63	5.79	16.59	5.39	6.42	3.92	1.29	10.27	65.06
1946	6.47	3.29	12.04	2.01	8.03	9.59	8.71	5.75	20.89	0.06	2.46	3.03	82.33
1947	7.57	5.13	4.72	7.42	1.54	4.83	1.04	4.27	5.58	2.57	10.63	8.32	63.62
1948	4.38	0.37	13.82	2.60	6.34	3.57	10.98	5.59	19.75	1.05	8.71	3.61	80.77
1949	1.75	4.23	4.69	10.76	3.41	5.93	11.02	6.91	8.62	2.87	1.07	5.74	67.00
1950	0.84	2.61	5.24	6.55	1.30	4.75	12.05	3.12	4.51	3.22	0.88	5.05	50.12
1951	2.08	2.24	3.89	8.16	3.45	2.51	10.81	1.35	9.20	1.25	4.09	3.55	52.58
1952	2.44	8.88	2.12	6.67	4.34	4.02	5.98	8.40	6.53	0.87	1.22	2.17	53.64
1953	1.75	7.41	3.50	7.58	1.34	8.83	6.84	7.90	3.33	0.10	5.69	12.09	66.36
1954	4.30	1.33	1.55	1.01	1.65	6.36	11.40	1.38	11.90	4.54	2.51	7.29	55.22
1955	2.75	3.02	0.17	4.53	3.55	1.59	8.79	14.05	10.42	2.04	4.11	3.47	58.49
1956	5.67	6.51	2.87	3.82	5.08	8.40	8.25	4.26	13.91	3.00	0.31	5.89	67.97
1957	0.51	1.66	8.10	12.56	2.69	9.94	3.42	9.61	19.70	1.72	7.63	1.73	79.27
1958	8.88	4.59	5.80	2.57	12.96	14.73	5.71	13.31	8.60	1.89	1.58	2.24	82.86
1959	4.04	7.03	3.68	4.81	5.00	11.97	8.43	6.57	4.21	8.58	0.80	1.58	66.70
1960	4.00	4.59	5.32	2.32	4.14	0.69	3.20	15.17	9.29	9.09	0.15	2.84	60.80
1961	5.81	5.78	11.46	4.72	4.58	11.94	6.22	10.68	3.74	1.96	6.66	4.93	78.48
1962	3.82	0.89	0.62	1.45	0.13	7.42	5.59	2.56	5.59	2.91	5.12	1.62	37.72
1963	6.24	4.80	0.67	0.14	2.46	10.13	7.57	1.49	6.50	0.00	7.90	4.04	51.94
1964	7.30	9.63	5.92	5.57	10.04	2.70	9.48	7.57	0.59	4.32	3.68	0.82	67.62
# of Months	29	29	29	29	29	29	29	30	30	30	30	30	29
Total Inches	123.5	128.76	134	130.82	136.26	195.09	232.89	211.48	261.73	88.09	109.73	130.16	1860.8
Avg	4.26	4.44	4.62	4.51	4.70	6.73	8.03	7.05	8.72	2.94	3.66	4.34	64.17

Quarantine	7572												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1952											1.66	1.73	
1953	2.12	4.02	2.26	5.81	1.13	7.85	7.06	10.67	5.27	0.00	4.68	7.51	58.38
1954	5.49	0.77	1.14	1.07	1.58	2.83	7.29	2.22	6.42	4.77	3.11	9.56	46.25
1955	3.24	1.96	0.75	2.73	4.08	2.05	8.84	8.00	5.67	3.56	2.69	2.12	45.69
1956	5.84	5.60	1.06	2.84	3.04	9.71	7.98	6.71	11.60	3.04	1.22	1.80	60.44
1957	1.34	4.38	4.33	5.61	0.80	5.23	7.34	7.24	22.40	3.55	8.57	1.58	72.37
1958	6.90	5.44	8.26	2.55	3.63	4.74	8.94	8.82	16.25	6.72	2.61	1.27	76.13
1959	3.57	5.51	5.38	7.32	6.77	11.39	9.43	6.81	9.76	14.24	0.80	1.48	82.46
1960	5.05	4.50	1.77	4.24	3.36	0.84	5.92	10.97	10.98	2.47	0.19	5.39	55.68
1961	4.23	5.54	8.69	2.35	4.77	7.71	6.19	9.92	3.30	2.70	5.59	4.98	65.97
1962	3.33	0.22	0.94	0.81	0.00	3.75	3.92	6.25	3.47	3.43	4.15	2.98	33.25
1963	3.39	5.15	0.51	0.08	0.25	1.59	9.20	3.91	9.28	0.07	6.94	6.72	47.09
1964	8.52	10.15	4.65	2.87	MMM	1.94	12.74	6.88	4.64	3.74	4.33	1.30	
1965	2.08	8.48	3.72	1.46	1.68	4.47	6.83	5.68					
1966													
1967					1.82	3.63	3.50	10.50	5.97	4.90	0.20	11.75	
1968	1.93	2.11	2.37	1.10	2.44	2.87	5.83	2.87	2.75	2.10	3.58	4.79	34.74
1969	4.80	6.36	5.21	2.02	7.21	0.20	11.81						
1970					5.22	2.86	8.65	8.14	6.05	7.69	1.30	1.60	
1971	2.44	1.35	5.76	1.31	1.02	0.63	4.23	8.60	12.71	0.20	1.56	7.54	47.35
1972	5.89	5.18	6.91	3.71	4.61	1.47	4.44	5.43	4.14	4.70	11.31	2.40	60.19
1973	4.78	3.52	15.12	6.04	1.64	0.47	4.58	3.57	4.33	1.44	2.35	4.36	52.20
1974	1.65	1.95	3.18	2.70	8.45	1.24	3.90	5.88	7.79	0.77	3.17	1.02	41.70
1975	5.91	2.45	3.60	1.56	7.20	MMM	13.04	14.27	12.95	4.18	5.18	8.16	
1976	0.82	3.99	3.02	0.47	6.36	2.26	5.35	4.11	4.91	3.60	9.77	14.05	58.71
1977	5.23	2.24	2.21	4.26	4.18	0.12	3.26	10.16	8.44	3.26	10.19	4.35	57.90
1978	6.62												
# of Months	23	22	22	22	23	23	24	23	22	22	23	23	18
Total Inches	95.17	90.87	90.84	62.91	81.24	79.85	170.27	167.61	179.08	81.13	95.15	108.44	996.5
Avg	4.14	4.13	4.13	2.86	3.53	3.47	7.09	7.29	8.14	3.69	4.14	4.71	55.36

Reserve	7767												
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual Sum
1901	MMM	MMM	2.10	8.70	2.70	2.62	9.04	2.98	3.04	3.04	3.29	MMM	
1902	MMM	5.13	3.35	4.18	2.34	2.13	6.20	4.19	4.32	1.47	4.50	6.07	
1903	7.06	6.09	6.00	0.20	0.92	4.28	2.49	4.60	1.85	0.57	0.12	4.37	38.55
1904	MMM	1.50	MMM	MMM	2.95	3.90	3.98	5.84	5.28	MMM	0.00	1.56	
1905	6.67	6.78	5.20	4.79	7.53	4.77	5.95	7.55	7.83	7.66	3.02	6.87	74.62
1906	2.64	5.18	4.31	1.56	1.02	1.82	4.95	2.45	1.70	1.45	1.20	MMM	
1907	MMM	4.30	MMM	MMM	13.69	1.74	3.08	5.42	3.60	2.55	4.85	7.05	
1908	2.70	3.60	1.80	3.40	2.55	3.90	8.90	5.40	9.07	0.20	0.00	1.09	42.61
1909	2.29	3.30	4.46	6.05	4.28	7.10	7.09	5.22	5.74	0.42	0.00	7.34	53.29
1910	MMM	MMM	1.19	0.21	3.80	9.06	7.24	8.36	6.91	1.99	3.29	3.95	
1911	3.27	1.37	4.29	8.43	6.25	6.04	7.14	6.16	0.71	5.92	2.91	10.32	62.81
1912	6.84	4.57	8.40	7.93	11.95	4.28	9.12	3.16	1.18	2.44	1.91	10.71	72.49
1913	5.61	5.38	2.95	2.94	4.37	3.96	7.09	2.45	16.32	6.07	6.01	1.30	64.45
1914	0.85	8.45	6.92	4.57	1.65	1.84	7.36	10.13	7.49	3.88	9.07	3.58	65.79
1915	6.24	7.66	4.86	0.00	4.17	3.74	11.28	3.53	4.70	13.45	0.90	0.99	61.52
1916	MMM	1.75	1.12	3.15	8.45	1.65	4.85	4.20	2.05	3.95	1.30	5.85	
1917	7.87	3.50	5.10	4.30	0.70	0.40	5.30	5.95	2.55	0.75	1.55	3.25	41.22
1918	4.55	2.75	2.80	9.90	3.85	1.70	4.80	5.70	3.25	8.00	4.15	9.35	60.80
1919	6.85	6.00	4.55	4.90	10.30	7.15	9.15	6.75	5.15	7.45	9.50	1.10	78.85
1920	5.90	4.95	2.25	3.10	5.00	7.05	6.05	7.95	MMM	3.40	4.05	10.80	
1921	2.35	1.00	2.95	3.20	4.25	6.05	9.00	3.15	2.55	1.95	2.95	4.55	43.95
1922	3.90	3.60	9.85	3.65	6.90	5.20	5.20	4.63	1.95	4.35	2.70	11.06	62.99
1923	2.55	2.55	4.75	5.10	4.85	9.50	7.90	13.85	1.60	3.75	9.75	5.15	71.30
1924	3.55	4.95	2.48	MMMM	6.31	4.01	0.40	2.02	0.97	0.00	0.00	5.09	
1925	9.78	2.13	1.72	0.78	3.65	6.79	13.95	3.59	4.17	11.46	2.53	6.35	66.90
1926	10.17	4.50	17.50	9.36	7.97	2.99	4.21	11.70	3.80	5.18	4.27	2.61	84.26
1927	0.21	7.16	11.37	7.78	3.59	6.47	4.18	5.11	2.54	2.11	2.36	6.54	59.42
1928	0.92	7.27	4.92	8.08	3.65	17.51	3.72	7.80	4.15	3.25	MMMM	7.06	68.33
1929	12.47	6.52	5.93	2.39	7.32	2.91	12.07	3.93	5.99	6.46	7.19	2.25	75.43
1930	7.80	2.19	3.36	1.91	2.34	0.25	6.13	7.08	13.36	4.41	6.60	2.35	57.78
1931	5.40	5.55	6.13	2.27	1.96	2.67	8.40	8.43	3.53	4.35	3.51	10.51	62.71
1932	8.46	2.31	3.58	3.75	16.56	2.69	5.21	5.38	6.61	9.11	2.90	5.10	71.66
1933	2.88	5.70	6.65	7.73	3.52	2.38	5.30	1.75	3.66	1.41	3.30	2.75	47.03
1934	6.49	3.09	4.51	2.28	8.02	7.75	4.76	7.21	6.09	4.31	7.56	2.34	64.41
1935	2.03	6.10	6.46	7.04	2.26	9.29	8.29	6.56	2.24	0.11	1.63	7.16	59.17
1936	5.67	4.84	1.30	4.72	4.18	0.14	7.32	4.88	2.89	0.71	1.81	4.35	42.81
1937	5.79	1.81	9.58	6.21	0.89	4.72	4.98	12.63	3.65	12.96	1.13	5.19	69.54
1938	4.65	1.93	2.34	4.45	1.09	3.88	4.14	6.37	1.93	1.47	3.33	3.20	38.78
1939	2.05	6.29	1.00	2.45	7.83	8.10	6.91	6.29	2.53	0.72	5.33	2.70	52.20
1940	3.39	11.87	5.14	7.79	0.69	12.41	5.28	13.56	3.34	0.54	3.33	13.92	81.26
1941	5.30	4.09	4.64	2.73	5.60	4.59	7.23	1.82	6.98	4.81	2.54	3.55	53.88
1942	1.43	8.66	5.69	0.93	4.49	6.94	9.77	6.44	4.91	8.59	0.71	6.63	65.19
1943	2.54	1.35	8.26	2.04	2.44	7.73	9.94	4.62	13.14	1.13	3.01	6.44	62.64
1944	7.70	4.42	3.70	5.29	7.83	2.00	3.62	4.81	3.22	1.49	8.95	2.50	55.53
1945	4.67	6.97	3.16	5.06	3.39	2.49	8.90	5.77	4.26	2.26	2.00	4.37	53.30
1946	6.16	3.66	10.04	2.20	12.61	10.63	10.07	3.65	5.79	1.24	4.49	4.59	75.13
1947	8.87	1.76	11.22	6.41	4.92	3.65	2.89	5.01	4.25	0.56	11.67	9.71	70.92
1948	6.21	2.06	13.98	2.61	2.12	2.67	4.38	5.69	15.67	0.63	10.01	6.40	72.43
1949	3.28	2.81	9.78	8.49	0.91	8.61	10.05	6.28	6.72	3.77	0.12	4.95	65.77
1950	4.58	5.07	5.18	9.14	3.72	6.63	6.16	1.98	2.75	1.26	1.90	6.69	55.06
1951	4.13	MMM	8.68	4.02	1.26	2.70	3.87	2.01	8.17	3.23	MMMM	3.28	
1952	1.81	12.75	4.09	4.71	7.48	1.28	6.17	4.95	2.80	0.00	2.80	7.24	56.08
1953	1.24	6.31	7.09	10.06	1.77	7.94	10.02	5.55	0.40	0.34	6.05	15.58	72.35
1954	4.04	1.33	1.80	2.47	5.11	1.64	9.51	0.94	7.09	3.95	3.02	4.01	44.91
1955	8.33	4.42	0.16	5.94		4.29	7.23	12.96	2.26	1.50	4.89	3.72	
1956	2.58	12.47	4.92	3.60	5.94	8.78	7.97	2.32	5.54	3.22	1.94	8.17	67.45
1957	1.63	3.15	8.22	7.34	5.93	7.33	4.03	4.65	9.19	3.90	8.73	3.55	67.65
1958	5.32	3.86	6.73	4.95	5.32	4.13	8.70	5.34	8.14	1.06	1.00	2.15	56.70
1959	3.20	12.09	2.55	3.43	10.81	10.21	15.02	6.25	1.19	6.51	1.90	2.51	75.67
1960	4.73	5.27	2.63	7.45	4.13	0.95	3.78	8.01	5.23	3.51	0.43	2.98	49.10

1961	5.67	7.83	9.05	2.39	3.65	6.64	5.89	4.70	11.71	0.98	7.16	11.40	77.07
1962	5.30	1.08	2.63	3.56	0.05	7.08	3.25	5.88	5.05	2.48	1.59	5.88	43.83
1963	4.31	4.30	1.13	0.89		4.28	4.96	1.76	5.95	0.08	9.61	6.52	
1964	8.91	5.17	7.36	3.19	6.14	2.96	10.93	7.96	3.14	5.15	7.01	4.90	72.82
1965	6.77	7.08	2.51	0.64	3.81	2.33	4.51	10.27		0.96	2.33	7.70	
1966	17.08	13.16	1.37	5.47	7.68	4.79	6.49	7.08	4.07	4.77	0.71	4.08	76.75
1967	4.34	4.54	1.96	1.27	4.58	3.27	5.04	5.40	9.23	2.99	0.32	7.69	50.63
1968	2.20	2.82	2.77	2.22	2.37	0.96	3.99	5.76	2.06	3.35	4.70	5.36	38.56
1969	2.28	5.35	7.47	7.75	7.05	1.53	5.58	5.10	4.28	1.87	1.53	4.37	54.16
1970	2.47	2.51	7.39	0.59	9.17	5.30	6.29	6.54	3.99	7.11	1.44	3.54	56.34
1971	1.19	5.06	5.53	0.59	3.48	4.69	7.68	5.84	8.59	1.20	2.00	7.23	53.08
1972	8.81	5.70	6.76	1.60	7.21	1.36	8.76	1.95	4.67	3.30	6.96	7.54	64.62
1973	2.91	3.45	10.68	10.30	4.92	2.84	6.81	4.72	10.88	5.89	4.04	7.61	75.05
1974	7.09	6.61	6.88	4.92	4.70	1.76	2.94	5.10	6.09	2.03	7.00	5.63	60.75
1975	3.84	1.99	4.97	3.55	8.61	10.81	8.63	9.77	3.35	3.64	3.50	3.01	65.67
1976	1.88	6.59	5.49	0.39	4.33	2.19	4.77	2.33	1.76	5.84	5.17	8.58	49.32
1977	5.60	2.28	5.43	8.37	2.14	1.85	3.77	15.68	8.27	6.50	7.72	4.92	72.53
1978	11.77	3.08	2.99	3.28	9.93	8.22	4.28	5.34	12.41	0.00	5.61	3.99	70.90
1979	4.52	12.74	3.22	7.24	4.22	0.83	9.17	5.91	4.70	1.01	5.17	3.41	62.14
1980	9.86	1.67	12.08	12.99	10.12	6.45	4.84	0.86	4.92	3.80	4.62	1.91	74.12
1981	1.37	10.00	2.69	0.47	6.85	6.54	5.88	4.21	1.74	1.54	1.15	MMM	42.44
1982	2.68	7.42	2.97	5.07	2.32	10.43	3.09	6.19	7.04	3.39	4.37	7.49	62.46
1983	4.94	11.73	6.61	14.48	3.68	16.46	3.77	7.05	5.31	2.37	5.10	4.73	86.23
1984	4.07	6.68	2.73	0.68	1.86	6.22	6.96	7.73	2.95	3.85	0.92	4.00	48.65
1985	5.56	7.52	6.88	4.93	1.20	4.06	11.68	5.30	3.21	MMM	0.16	4.73	
1986	3.44	2.32	2.82	1.28	3.55	4.15	7.44	4.28	3.30	3.75	7.84	5.66	49.83
1987	7.34	6.86	5.37	1.97	5.53	10.61	8.08	2.67	1.30	1.15	1.51	2.26	54.65
1988	3.10	14.63	8.59	7.48	2.02	7.51	7.56	8.98	13.40	6.18	1.09	4.69	85.23
1989	3.89	0.52	3.85	3.76	5.26	8.83	7.75	3.00	3.69	2.43	10.30	5.00	58.28
1990	5.68	9.31	12.51	2.14	1.99	3.62	4.69	2.63	6.79	5.59	4.48	4.38	63.81
1991	17.53	4.40	6.09	15.11	17.94	7.99	4.23	8.08	7.30	1.89	3.29	4.70	98.55
1992	16.64	8.73	5.73	3.72	2.69	13.07	7.34	10.31	4.14	1.27	13.28	5.09	92.01
1993	5.63	4.26	6.64	7.01	2.60	11.04	8.01	3.01	1.35	5.84	2.39	3.32	61.10
1994	4.53	1.02	3.61	7.74	5.51	9.05	7.65	2.76	4.75	3.73	2.62	3.42	56.39
1995	5.15	4.02	9.32	4.26	18.43	4.94	9.09	4.65	2.63	1.94	6.02	3.40	73.85
1996	4.49	1.94	3.66	4.78	1.43	8.96	3.55	6.19	6.46	4.11	3.85	5.37	54.79
1997	6.56	5.86	3.97	7.75	7.90	6.57	11.96	4.02	0.25	2.52	6.07	2.55	65.98
1998	17.97	5.15	8.09	5.07	0.20	3.14	4.41	4.47	20.08	1.85	MMM	1.51	
1999	4.95	1.09	4.13	0.23	5.18	11.31	6.39	2.36	3.44	MMM	1.00	6.43	
2000	3.79	0.85	4.17	MMM	MMM	4.58	1.34	5.11	6.28	2.70	13.90	2.47	
2001	3.13	2.57	10.77	0.43	0.29	25.07	9.10	9.53	2.05	6.83	2.81	2.68	75.26
2002	4.27	2.58	6.72	3.97	1.19	5.13	11.81	3.31	10.40	13.67	6.99	MMM	
# of Months	96	99	100	98	99	102	102	102	100	99	99	98	83
Total Rain	511.11	498.59	541.28	451.65	493.86	569.45	678.08	576.75	520.97	345.78	397.29	513.95	5264.54
Avg	5.32	5.04	5.41	4.61	4.99	5.58	6.65	5.65	5.21	3.49	4.01	5.24	63.43

St Bernard	8108												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1966	MMM	MMM	2.46	4.34	8.44	3.14	8.34	8.51	2.51	3.50	1.68	6.51	
1967	3.51	6.52	1.86	2.34	2.47	5.09	6.18	5.70	4.63	10.75	0.24	9.97	59.26
1968	1.18	4.11	1.51	2.75	6.43	3.47	1.88	4.98	2.79	1.57	4.67	6.70	42.04
1969	5.54	3.73	8.25	4.99	6.15	0.63	8.46	8.78	0.48	0.84	2.05	6.36	56.26
1970	4.43	3.27	8.03	1.12	3.67	4.23	MMM	7.61	6.64	4.82	0.91	MMM	
1971	2.87	6.08	4.80	1.03	0.69	8.89	12.20	5.14	14.46	0.37	MMM	5.30	
1972	7.66	7.58	6.87	1.34	6.06	MMM	MMM	4.08	2.83	1.77	8.19	6.82	
1973	4.77	4.95	10.40	8.94	2.77	1.64	3.37	5.33	10.54	3.73	4.95	4.44	65.83
1974	6.61	1.29	4.84	5.81	MMM	MMM	3.41	MMM	MMM	0.05	7.72	3.48	
1975	3.07	1.35	5.00	MMM	8.60	11.65	8.64	10.19	8.61	3.83	6.92	2.70	
1976	2.15	4.03	5.86	1.75	9.44	3.67	5.75	4.14	2.64	4.19	6.88	8.91	59.41
1977	5.75	2.73	5.35	1.82	2.88	1.24	6.19	15.52	9.99	4.84	9.17	3.70	69.18
1978	9.97	2.70	4.48	3.20	10.04	10.83	5.66	8.61	3.11	0.00	2.61	5.25	66.46
1979	4.32	12.88	7.11	6.20	6.40	1.98	10.50	7.51	5.86	0.52	3.87	2.52	69.67
1980	7.05	2.18	9.19	24.06	9.19	1.72	6.88	0.88	6.72	8.75	2.76	1.99	81.37
1981	0.77	12.91	1.69	0.94	2.70	2.69	3.77	4.11	4.28	0.54	1.38	5.60	41.38
1982	2.78	6.95	2.59	4.18	4.70	2.34	6.80	4.94	6.37	4.86	6.57	8.17	61.25
1983	5.59	9.83	5.28	16.01	3.81	13.38	8.57	4.79	7.48	2.13	5.03	6.50	88.40
1984	4.31	4.71	7.24	1.88	4.96	2.69	11.68	10.79	2.14	1.98	3.35	2.06	57.79
1985	4.08	5.03	4.23	0.71	1.78	4.63	10.19	7.80	8.58	12.81	1.76	2.49	64.09
1986	2.81	6.41	3.69	0.22	4.18	1.54	5.80	2.46	3.05	1.92	6.14	4.92	43.14
1987	6.10	6.44	4.59	1.13	3.36	8.35	6.62	7.56	2.25	0.28	3.48	2.48	52.64
1988	3.60	10.81	12.71	11.80	2.23	8.12	6.28	12.44	9.09	2.85	0.79	3.23	83.95
1989	3.10	1.02	3.41	5.41	5.52	3.01	4.88	3.06	4.51	2.35	24.00	8.40	6.62
1990	6.46	8.46	6.02	1.34	7.21	2.77	1.85	2.22	3.49	2.46	2.03	3.94	48.25
1991	14.82	2.48	8.22	20.34	13.04	7.90	13.37	3.85	2.30	3.17	3.02	3.55	96.06
1992	10.38	5.84	4.29	1.97	0.75	5.59	5.59	7.48	10.66	0.07	14.68	5.37	72.67
1993	12.79	2.53	6.88	5.17	MMM	5.69	4.03	2.44	5.50	6.16	2.14	3.13	
1994	4.38	0.67	4.82	1.79	6.19	8.60	13.32	5.61	8.06	6.56	2.63	3.27	65.90
1995	MMM	2.78	12.32	MMM	5.55	1.37	7.38	5.18	1.08	3.47	6.14	2.60	
1996	MMM	4.20	3.75	4.79	1.69	6.68	3.70	7.21	4.48	MMM	1.84	7.77	
1997	MMM	MMM	MMM	MMM	MMM	4.30	5.20	4.30	MMM	MMM	MMM	2.05	
1998	3.25	6.10	17.07	4.00	0.00	1.90	MMM	9.53	24.74	1.91	3.93	1.25	
1999	1.35	0.55	4.35	MMM	MMM	13.70	4.52	4.80	4.25	4.30	MMM	MMM	
2000	0.20	1.00	1.70	MMM	0.58	5.78	2.37	3.21	4.50	0.00	6.10	3.80	
2001	MMM	0.89	8.53	0.25	0.65	26.35	6.00	10.50	2.75	6.00	3.00	2.75	
2002	MMM	3.01	4.98	3.90	1.50	5.50	MMM	6.53	9.81	MMM	MMM	5.73	
# of Months	31	35	36	32	33	35	33	36	35	34	33	35	22
Total Inches	155.65	166.02	214.37	155.52	153.63	201.06	219.38	227.79	211.18	113.35	160.63	163.71	1351.62
Avg	5.02	4.74	5.95	4.86	4.66	5.74	6.65	6.33	6.03	3.33	4.87	4.68	61.44

Sheridan F.T.		8405											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1952				5.49	5.20	1.55	7.50	4.59	2.59	0.00	4.59	7.85	
1953	4.79	8.47	5.30	7.15	8.51	5.36	7.75	11.35	0.73	0.12	MMM	20.91	
1954	2.22	2.25	2.79	5.96	2.78	3.30	8.49	0.70	3.93	7.01	2.66	4.21	46.30
1955	5.45	3.80	0.30	7.85	4.52	1.71	6.21	6.14	1.35	0.91	3.25	3.51	45.00
1956	2.89	12.53	5.57	2.76	5.80	7.77	7.67	3.38	3.96	2.81	2.04	6.89	64.07
1957	1.71	4.06	4.83	7.28	4.62	5.65	4.57	3.98	9.69	4.52	11.05	4.16	66.12
1958	4.92	3.86	6.94	5.24	7.67	6.08	11.87	5.78	9.74	0.76	1.24	2.34	66.44
1959	6.00	7.12	3.03	5.91	11.59	9.04	10.96	5.37	3.29	8.71	3.63	2.87	77.52
1960	4.38	6.26	2.73	3.34	3.44	1.18	6.80	16.75	1.94	1.78	0.91	4.85	54.36
1961	5.62	17.68	12.58	4.02	5.89	6.05	5.02	7.33	7.28	2.11	19.51	13.84	106.93
1962	10.61	1.07	4.59	8.40	5.48	10.30	2.49	9.00	2.51	5.41	2.52	4.81	67.19
1963	5.16	4.58	2.56		2.80	7.18	5.22	6.41	2.37	0.30	3.52	4.54	
1964	6.55	5.16	11.80	7.07	5.98	6.70	5.32	5.12	6.44	5.93	6.57	6.08	78.72
1965	6.89	7.73	4.04	0.17	1.08	3.79	6.81	6.06	6.26	1.08	3.07	4.60	51.58
1966	10.19	17.27	3.79	8.15	9.41	2.34	6.14	4.70	3.95	2.49	1.62	5.16	75.21
1967	3.83	5.76	1.72	7.49	9.43	5.25	9.10	5.69	2.25	2.50	0.96	10.06	64.04
1968	3.19	3.81	2.80	4.59	2.05	4.70	7.56	5.37	7.31	1.76	6.32	10.59	60.05
1969	1.73	4.38	7.23	7.74	5.66	1.63	8.27	9.34	1.17	2.82	1.41	4.52	55.90
1970	3.03	3.75	7.46	2.36	4.37	3.52	4.76	8.17	1.09	10.92	2.83	8.07	60.33
1971	2.82	6.72	6.50	1.10	4.62	9.34	9.55	7.01	11.22	1.02	2.77		
1972	7.94	4.21	6.10	2.63	15.30	0.67	8.87	5.09	3.91	3.65	6.40	9.09	73.86
1973	4.48	4.51	10.25	14.51	6.97	2.68	7.14	6.16	8.93	2.14	7.37	13.05	88.19
1974	9.48	5.55	9.08	7.08	12.01	3.54	8.51	5.63	7.61	2.32	8.48	4.46	83.75
1975	8.51	2.05	7.49	10.10	7.74	9.16	8.93	6.23	5.43	2.98	2.85	3.41	74.88
1976	5.78	4.78	6.65	1.13	3.94	4.48	8.11	4.53	4.81	3.88	6.40	6.26	60.75
1977	7.02	3.65	10.40	9.71	2.42	1.79	8.55	6.49	9.12	7.07	9.51	4.36	80.09
1978	8.66	3.20	3.06	6.56	5.98	7.31	6.21	6.78	3.30	0.01	5.45	4.16	60.68
1979	9.89	9.70	5.83	13.71	7.22	2.60	11.77	5.41	6.60	2.53	4.65	5.39	85.30
1980	7.77	2.55	16.20	13.91	14.22	4.18	4.15	1.82	4.55	6.56	3.99	1.43	81.33
1981	1.18	10.52	4.33	0.66	3.89	9.11	5.10	7.41	6.97	1.98	2.77	7.51	61.43
1982	6.78	9.41	6.37	6.25	2.48	11.53	10.26	4.20	3.58	4.24	5.34	10.42	80.86
1983	6.67	8.88	7.33	16.04	5.83	6.95	3.13	5.44	5.27	1.93	6.43	9.64	83.54
1984	4.48	8.57	3.36	4.59	4.20	3.95	8.45	9.79	2.71	11.65	4.74	3.89	70.38
1985	6.45	5.18	5.16	2.18	2.79	4.48	7.68	8.35	4.99	8.88	0.86	5.15	62.15
1986	2.50	2.67	2.95	2.75	4.70	4.25	4.49	3.26	1.57	3.81	12.83	6.25	52.03
1987	9.59	12.14	8.91	1.65	6.64	4.24	3.30	16.09	3.44	0.48	6.05	2.91	75.44
1988	4.26	11.88	12.14	7.02	1.85	4.40	5.23	6.29	9.31	4.03	5.25	6.09	77.75
1989	5.25	2.25	9.78	4.70	7.66	9.10	8.11	4.06	2.41	0.57	7.44	8.11	69.44
1990	8.82	10.54	7.62	3.40	6.56	5.52	3.88	3.69	3.35	2.39	4.54	6.02	66.33
1991	9.33	7.88	6.40	13.04	14.29	8.30	7.50	4.57	4.08	3.03	2.39	4.58	85.39
1992	12.50	9.74	6.20	3.59	2.88	10.91	7.69	10.42	4.50	2.23			
# of Months	40	40	40	41	41	41	41	41	41	41	40	40	35
Total Inches	239.32	266.12	252.17	247.28	250.47	221.59	289.12	263.95	195.51	139.32	194.21	252.04	2513.33
Avg	5.98	6.65	6.30	6.03	6.11	5.40	7.05	6.44	4.77	3.40	4.86	6.30	71.81

Slidell	8539												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1956	MMM	5.13	2.88	3.41	3.79	10.69	4.35	2.7	16.36	3.81	1.49	8.29	
1957	1.34	3.29	5.66	5.33	1.85	6.66	3.74	10.07	10.13	1.2	4.58	3.07	56.92
1958	7.04	2.83	8.91	3.79	17.74	4.16	13.33	5.86	4.43	0.96	0.99	1.4	71.44
1959	3.01	8.74	4.8	5.84	6.1	6.5	10.62	4.73	3.39	10.43	2.82	2.15	69.13
1960	9.73	5.24	3.53	9.32	5.59	0.81	6.79	7.6	2.61	3.33	0.3	3.95	58.8
1961	6.48	9.02	13.91	4.83	5.23	8.73	7.84	5.8	8.61	0.63	6.2	6.78	84.06
1962	5.28	1.18	3.51	1.29	0.82	3.8	3.15	5.26	2.18	0.82	3.36	3.35	34
1963	5.51	3.94	1.38	1.07	0.63	2.86	5.19	6.47	7.86	0	6.17	6.78	47.86
1964	10.41	5.03	5.76	8.25	5.55	2.75	8.12	5.62	5.98	2.49	4.79	2.92	67.67
1965	4.99	6.51	3.48	0.53	0.91	9.48	6.86	3.3	5.01	3.18	3.21	7.55	55.01
1966	11.04	8.78	4.21	7.69	5.68	7.93	3.99	7.8	5.7	2.18	0.89	4.25	70.14
1967	6.08	4.84	1.26	3.89	2.82	6.59	6.86	7.69	6.2	5.05	0.48	9.22	60.98
1968	0.97	2.99	2.46	3.64	3.95	1.23	5	3.26	1.61	5.21	5.33	8.69	44.34
1969	3.88	4.2	7.89	4.47	7.43	0.38	11.16	8.99	0.95	1.06	2.73	5.46	58.6
1970	3.97	3.56	6.3	0.54	5	10.38	MMM	6.79	3.32	7.44	0.81	5.65	53.76
1971	1.81	5.48	2.47	0.68	2.02	4.45	6.2	3.25	8.91	0.08	2.91	6.86	45.12
1972	9.99	5.56	5.59	1.35	5.42	3.07	7.13	2.77	2.55	3.37	6.11	10.42	63.33
1973	2.82	3.88	12.22	10.45	1.29	3.26	3.51	5.11	6.36	4.02	4.53	4.88	62.33
1974	7.67	5.27	5.94	9.13	11.75	1.75	5.33	4.36	5.51	0.13	6.99	5.12	68.95
1975	4.72	4	5.52	4.8	7.85	8.53	8	10.41	4.87	3.03	4.6	4.55	70.88
1976	1.2	6.53	3.4	0.48	5.86	2.87	2.06	1.32	3.99	6.61	6.39	6.64	47.35
1977	6.26	2.55	5.97	4.79	5.22	0.31	3.57	10.4	9.94	5.84	9.04	5.09	68.98
1978	12.11	2.75	3.67	3.45	8.18	6.57	5.4	8.52	2.82	0	4.58	5.01	63.06
1979	6.17	10.73	3.93	6.64	4.29	1.81	13.65	2.85	4.75	1.12	5.39	3.98	65.31
1980	7.14	2.27	11.66	14.78	14.02	1.55	5.43	2.94	5.98	4.58	3.41	1.77	75.53
1981	0.93	9.55	1.54	0.81	2.42	5.85	3.8	6.4	2.9	1.14	0.79	3.63	39.76
1982	2.41	6.16	3.75	4.75	1.06	2.05	9.35	4.55	4.37	4.07	4.41	9.46	56.39
1983	4.55	8.68	4.28	12.34	3.4	6.79	7.57	6.07	6.25	3.49	3	7.86	74.28
1984	3.49	5.41	3.81	1.64	3.61	5.76	4.99	4.93	3.82	3.03	3.41	2.79	46.69
1985	4.83	5.07	5.63	0.75	1.42	4.9	9.96	9.59	8.98	9.36	1.23	4.43	66.15
1986	3.38	3.49	3.2	1.55	5.26	2.72	1.35	3.41	1.89	3.73	10.04	4.7	44.72
1987	7.43	7.59	8.1	2.42	6.72	5.77	3.94	8.47	1.49	0.34	3.6	3.15	59.02
1988	4.42	9.96	12.97	6.37	2.72	2.98	8.15	13.15	12.85	2.72	2.83	2.35	81.47
1989	2.33	0.22	5.1	1.16	5.41	7	7.44	2.45	3.76	1.95	5.89	3.95	46.66
1990	7.04	9.6	6.44	2.83	7.1	1.52	1.88	3.43	3.06	2.74	2.53	6.23	54.4
1991	21.85	3.67	6.34	16.05	14.41	4.96	11.58	9.42	3.28	4.72	2.83	3.99	103.1
1992	11.52	8.76	5.5	1.53	1.58	8.37	6.87	8.27	4.35	0.23	16.57	8.01	81.56
1993	13.98	2.85	7.64	3.71	6.91	4.36	12.47	9.09	5.95	5.16	2.61	2.66	77.39
1994	4.32	0.76	4.72	2.61	6.21	6.42	8.25	5.09	5.58	4.78	3.13	2.07	53.94
1995	5.64	4.12	10.35	8.98	26.14	3.06	6.65	3.97	0.31	2.8	5.9	3.84	81.76
1996	4.92	3.1	8.07	7.77	5.4	6.62	3.46	6.49	2.18	0.93	1.56	5.99	56.49
1997	6.03	5.67	3.38	5.18	4.12	4.56	8.03	4.3	1.53	3.52	10.52	3.17	60.01
1998	17.33	5.02	9.17	3.05	0.01	2.32	8.73	2.82	16.62	1.62	3.68	1.74	72.11
1999	3.77	1.2	5.13	0.05	2.6	3.87	5.3	4.43	1.98	7.38	1.73	3.23	40.67
2000	2.39	1.19	2.69	2.69	0.52	3.91	6.42	7.28	7.99	0.47	13.54	3.04	52.13
2001	4.58	1.72	9.31	0.22	0.71	22.14	9.29	8.87	5.5	2.47	3.79	2.62	71.22
2002	3.98	2.23	6.81	5.03	0.18	5.66	5.03	9.43	12.6	12.72	5.34	6.26	75.27
# of Months	46	47	47	47	47	47	46	47	47	47	47	47	46
Total Inches	280.74	230.32	270.24	211.93	246.9	238.71	307.79	285.78	257.26	155.94	207.03	229	2858.74
Avg	6.10	4.90	5.75	4.51	5.25	5.08	6.69	6.08	5.47	3.32	4.40	4.87	62.15

Slidell	8543												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1988									10.45	2.02	1.94	3.26	
1989	1.87	0.45	4.50	1.46	3.85	8.06	7.54	8.03	2.99	3.81	5.99	6.94	55.49
1990	6.79	9.33	8.30	3.69	4.25	1.85	2.78	2.79	2.67	1.79	3.19	7.73	55.16
1991	19.73	4.21	5.66	13.15	12.46	7.50	10.51	4.13	4.43	6.22	2.02	3.05	93.07
1992	11.42	9.56	5.25	2.47	1.41	7.19	6.44	13.00	2.79	0.62	12.10	6.13	78.38
1993	11.55	2.84	8.78	3.62	7.08	2.65	9.22	6.99	7.58	5.76	2.99	4.29	73.35
1994	4.61	1.12	5.63	4.54	3.27	4.29	5.88	2.15	3.38	6.01	1.87	2.59	45.34
1995	5.43	5.63	10.27	9.88	25.93	3.08	6.54	3.94	0.56	1.84	5.98	4.76	83.84
1996	4.76	2.26	7.08	10.46	4.52	8.27	4.12	6.00	3.31	1.14	3.80	4.06	59.78
1997	6.38	8.45	3.03	6.79	10.53	6.12	11.35	3.16	1.64	3.03	7.27	2.63	70.38
1998	17.77	4.13	10.78	3.40	0.37	1.75	8.27	3.93	MMM	1.19	3.62	1.37	
1999	3.65	0.93	5.53	0.04	3.17	4.51	5.68	5.74	2.16	5.57	0.08	3.95	41.01
2000	2.77	1.11	1.83	2.18	0.00	3.23	5.39	2.22	4.34	0.48	12.00	2.93	38.48
2001	4.49	2.70	12.08	0.41	1.22	22.79	10.16	7.31	3.80	3.42	4.46	4.27	77.11
2002	4.17	MMM	6.06	2.78	0.06	3.59	6.77	7.81	9.80	10.14	5.58	6.65	
# of Months	14	13	14	14	14	14	14	14	14	15	15	15	12
Total Inches	105.39	52.72	94.78	64.87	78.12	84.88	100.65	77.2	59.9	53.04	72.89	64.61	771.39
Avg	7.53	4.06	6.77	4.63	5.58	6.06	7.19	5.51	4.28	3.54	4.86	4.31	64.28

Springville F.T.		8715											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1955						4.11	10.16	7.13	6.45	3.81	7.69	2.45	
1956	3.08	10.12	4.05	5.09	9.30	11.57	3.94	6.21	5.34	1.96	3.04	7.25	70.95
1957	1.20	4.05	4.47	8.42	2.26	6.03	4.36	3.60	9.03	3.49	7.87	3.19	57.97
1958	4.97	4.65	8.60	4.05	9.03	4.94	11.04	3.41	5.23	0.90	1.64	1.70	60.16
1959	4.54	8.45	3.53	3.02	9.57	7.29	8.77	7.26	2.76	6.94	2.10	3.26	67.49
1960	3.84	5.91	3.74	3.63	2.97	1.17	4.45	8.13	1.12	1.40	1.23	4.11	41.70
1961	5.99	11.99	7.99	5.88	4.42	5.35	6.52	9.18	9.30	0.90	13.16	14.93	95.61
1962	8.32	1.11	4.33	4.02	0.97	9.65	2.79	4.89	1.78	3.01	1.56	3.91	46.34
1963	3.89	5.36	1.07	1.68	2.31	8.70	MMM	4.25	2.54	0.07	7.91	4.76	
1964	8.23	6.12	6.61	5.30	3.06	3.25	9.76	7.02	3.98	6.50	4.84	5.47	70.14
1965	5.19	8.53	2.54	0.00	5.25	3.14	10.79	6.89	6.88	0.00	1.80	5.28	56.29
1966	10.89	17.37	2.19	7.25	5.34	4.41	7.48	7.75	2.98	2.62	1.85	3.15	73.28
1967	4.00	7.57	2.80	6.46	7.89	4.18	12.28	8.41	5.83	2.92	0.89	9.12	72.35
1968	MMM	2.75	3.08	3.40	5.14	2.66	5.83	5.51	3.71	1.33	5.01	7.87	
1969	1.16	4.44	7.80	8.65	5.57	1.74	7.39	3.97	3.83	4.24	0.52	4.86	54.17
1970	2.89	2.74	6.27	2.29	4.15	7.46	5.12	11.19	2.95	7.76	3.09	6.37	62.28
1971	2.49	5.62	5.15	0.55	3.28	3.72	12.14	6.59	14.19	1.18	3.31	13.38	71.60
1972	8.10	3.67	6.48	1.25	8.11	2.92	9.73	10.47	7.14	2.30	6.09	10.73	76.99
1973	3.21	3.88	13.82	11.14	3.50	4.52	2.37	4.69	10.06	3.17	7.71	8.42	76.49
1974	7.10	6.65	7.63	6.95	8.17	1.19	7.04	6.52	6.21	2.01	7.20	3.79	70.46
1975	7.54	0.94	6.73	6.69	6.81	4.59	8.91	7.49	3.89	2.64	2.47	3.96	62.66
1976	4.92	5.27	5.48	0.70	8.08	3.48	4.63	1.85	0.64	3.21	6.04	5.57	49.87
1977	6.42	3.26	4.57	11.55	1.77	3.84	4.95	12.45	8.63	5.97	11.26	4.84	79.51
1978	8.11	2.96	2.69	3.10	7.10	3.06	4.85	11.07	7.78	0.00	6.06	3.07	59.85
1979	7.51	8.78	2.96	9.28	7.30	3.01	17.47	3.92	3.68	2.82	7.50	3.01	77.24
1980	4.82	0.91	13.07	14.46	12.24	6.57	3.68	3.88	5.94	5.39	4.31	1.00	76.27
1981	0.89	10.66	2.21	1.98	5.15	7.76	3.63	4.87	3.96	1.76	1.06	6.45	50.38
1982	4.11	7.11	2.88	6.86	2.11	5.63	10.48	6.72	2.47	1.45	3.40	11.48	64.70
1983	5.79	9.96	5.40	17.23	6.58	3.73	3.75	11.22	7.61	1.62	4.37	10.50	87.76
1984	3.20	7.68	2.49	3.02	2.15	7.86	8.19	9.79	1.65	5.48	2.22	3.68	57.41
1985	6.85	5.96	5.16	1.73	2.68	3.62	11.40	6.81	6.09	10.51	0.10	3.25	64.16
1986	2.23	3.29	2.79	2.43	7.33	1.37	4.97	3.96	4.63	3.42	10.79	5.65	52.86
1987	8.17												
# of Months	31	31	31	31	31	32	31	32	32	32	32	32	29
Total Rain	159.65	187.76	158.58	168.06	169.59	152.52	228.87	217.1	168.28	100.78	148.09	186.46	1906.94
Avg	5.15	6.06	5.12	5.42	5.47	4.77	7.38	6.78	5.26	3.15	4.63	5.83	65.76

Ville Platte	9369												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	SUM
1930	8.06	4.49	3.49	1.14	3.03	0.61	2.83	6.23	6.72	1.83	6.19	6.17	50.79
1931	8.78	3.38	3.96	1.11	3.91	2.81	4.3	7.15	3.79	1.84	9.98	12.57	63.58
1932	13.56	5.11	2.24	2.93	4.31	7.24	3.85	4.13	4.01	5.92	7	11.56	71.86
1933	2.34	6.09	5.82	5.98	3.91	2.27	8.49	1.6	2.17	1.67	0.65	6.94	47.93
1934	7.16	5.15	5.41	3.1	4.93	2.05	2.49	2.52	4.07	1.55	9.4	3	50.83
1935	3.5	4.37	7.5	4	9.2	5.3	7.21	2.52	7.32	0.57	4.9	6.59	62.98
1936	2.03	4.92	1.5	2.3	7.74	0.1	6.09	2.74	2.75	2.94	3.77	6.9	43.78
1937	11.27	1.82	4.38	3.29	2.1	5.04	2.83	1.66	4.09	7.28	1.59	3.02	48.37
1938	4.65	2.42	4.28	8.88	2.77	6.41	8.02	13.55	1.72	0.3	4.5	4.01	61.51
1939	5.92	2.42	2.92	1.52	4.4	4.4	5.92	4.93	2.09	4.97	1.68	3.42	44.59
1940	1.95	5.31	6.15	9.9	0.59	13.99	9.08	12.39	10.82	1.73	8.61	8.07	88.59
1941	3.21	2.56	4.65	4.75	11.4	6.84	10.89	2.21	6.03	4.97	1.92	8.78	68.21
1942	2.6	3.65	7.2	3.07	4.8	10.45	5.44	2.75	5.77	1.54	1.72	7.05	56.04
1943	3.95	5.13	10	5.34	1.27	3.37	5.31	5.85	11.95	1.1	3.05	6.08	62.4
1944	8	3.86	7.47	3.64	6.52	1.25	3.06	6.4	2.87	1.9	6.85	7.19	59.01
1945	3.07	5.97	5.96	5.19	5.2	4.49	9.27	5.29	4.16	5.55	1.58	8.38	64.11
1946	10.39	4.35	3.62	1.36	10.15	4.12	19.72	4.48	3.78	2.71	7.79	3.91	76.38
1947	9.07	1.41	8.69	4.51	8.36	11.04	1.13	1.5	3.05	0.76	6.83	6.55	62.9
1948	5.77	5	3.27	5.08	2.19	3.21	1.58	3.22	3.02	1.08	9.87	2.76	46.05
1949	6.9	0.00	8.15	9.24	1.48	5.16	4.95	7.43	2.68	10.06	0.26	5.14	61.45
1950	5.06	7.21	7.04	5.07	6.67	8.33	10.13	3.05	1.68	1.76	1.86	3.6	61.46
1951	7.61	2.22	5.07	0.79	0.91	4.86	1.81	2.74	3.76	0.29	1.62	6.41	38.09
1952	1.46	7.24	2.76	8.14	5.31	2.29	7.91	1.96	1.88	0.14	5.44	7.08	51.61
1953	1.98	7.31	3.45	6.55	19.35	2.65	5.08	8.8	0.19	1.76	4.69	4.76	66.57
1954	4.41	1.21	2.56	1.22	7.41	1.55	6.23	1.38	1.51	11.15	1.76	4.92	45.31
1955	5.59	12.01	0.52	8.71	6.39	4.41	7.74	6.68	1.78	2.07	2.21	3.82	61.93
1956	2.97	6.76	6.88	2.76	3.36	2.28	2	3.85	1.19	1.91	4.27	10.97	49.2
1957	1.9	2.98	5.11	MMM	1.34	8.85	2.42	1.3	7.27	6	8.4	5.02	
1958	4.04	3.77	4.52	5.17	3.64	3.04	4.56	7.56	6.28	1.88	2.9	3.48	50.84
1959	6.64	10.02	3.64	5.65	4.15	7.21	7.18	3.9	0.75	6.59	3.95	8.09	67.77
1960	3.55	4.51	1.54	3.2	2.57	1.14	1.74	5.48	1.38	6.93	2.16	8.56	42.76
1961	6.15	7.65	6.01	1.72	1.96	8.72	13.52	1.49	4.59	0.16	8.93	6.56	67.46
1962	6.93	1.5	3.15	5.06	5	8.17	0.37	4.12	2.31	2.41	2.7	4.45	46.17
1963	7.53	3.63	1.93	1.31	3.46	7.25	4.13	3.07	5.08	0	7.45	3.78	48.62
1964	6.45	3.21	6.57	18.65	4.53	3.47	8.76	4.31	4.47	2.48	4.14	5.82	72.86
1965	2.34	4.2	5.35	1.24	3.68	4.09	3.12	4.8	7.93	0.3	4.11	6.41	47.57
1966	7.39	8.24	0.51	7.07	5.63	2.92	1.56	6.45	3.71	5.37	3.48	2.75	55.08
1967	2.03	4.17	3.24	9.06	6.28	3.95	6.63	8.1	4.04	4.65	0.26	9.96	62.37
1968	5.21	2.41	3.39	3.84	5.89	2.08	2.13	3.96	2.94	2.29	5.59	6.06	45.79
1969	1.68	6.72	5.1	6.99	MMM	MMM	MMM	MMM	3.47	4.96	0.95	6.96	
1970	2.36	2.87	4.45	3.25	4.97	1.18	MMM	MMM	MMM	MMM	MMM	MMM	
1992	10.91	5.09	8.81	4.64	2.92	9.65	8.26	3.69	5.32	3.39	9.6	4.33	76.61
1993	9.15	3.38	5.91	8.01	7.19	9.18	3.44	2.92	2.77	6.61	5.5	5.38	69.44
1994	6.62	5.52	4.41	5.03	4.54	6.52	4.16	2.06	0.97	4.2	1.68	6.03	51.74
1995	5.03	3.75	11.12	10.67	10.37	2.26	3.25	8.2	2.2	4.65	5.15	4.77	71.42
1996	5.15	1.6	4.24	4.98	3.48	3.45	3.26	9.4	6.28	6.16	2.82	3.37	54.19
1997	10.34	11.08	3.28	10.29	7.61	2.57	3.99	3.09	2.05	3.13	4.86	6.63	68.92
1998	16.61	6.33	1.56	4.02	0	2.52	2.45	3.15	8.33	5.01	6.92	6.53	63.43
1999	6.41	2.27	6.45	1.04	3.43	3.47	7.1	0	7.56	1.98	0.52	4.22	44.45
2000	0.75	0.61	3.84	6.52	8.92	5.29	2.69	0.7	2.84	2.95	12.48	2.99	50.58
2001	2.53	3.1	10.27	0.7	2.98	8.59	2.87	8.59	8.68	3.85	4.89	4.16	61.21
2002	2.66	2.54	4.41	3.28	3.4	3.01	3.93	3.98	4.68	10.85	6.64	8.2	57.58
# of Months	52	52	52	51	51	51	50	50	51	51	51	51	50
Total Rain	291.62	232.52	253.75	250.96	255.6	245.1	264.88	227.33	210.75	176.15	236.07	304.16	2842.39
Avg	5.61	4.47	4.88	4.92	5.01	4.81	5.30	4.55	4.13	3.45	4.63	5.96	56.85

Zachary	9930.00												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Sum
1975		2.36	4.63	5.25	9.59	5.51	12.65	13.05	3.74	2.25	1.69	3.23	
1976	3.94	4.13	6.41	0.37	4.91	3.17	4.56	1.92	3.87	2.88	5.94	5.71	47.81
1977	7.09	4.39	7.18	10.21	2.17	2.55	5.81	12.09	10.10	4.86	10.62	3.72	80.79
1978	6.76	3.22	1.78	2.80	8.75	4.50	4.15	8.73	2.63	0.00	4.10	3.14	50.56
1979	7.33	9.52	3.87	11.76	5.42	1.32	7.86	2.29	3.77	3.41	6.06	3.31	65.92
1980	5.83	1.84	10.18	15.99	7.42	4.24	4.89	1.82	5.71	5.78	5.69	2.18	71.57
1981	1.20	5.66	2.26	1.63	8.55	4.62	4.98	4.85	3.15	1.82	0.72	7.30	46.74
1982	3.41	6.62	2.82	4.04	3.86	2.33	2.81	7.13	3.39	3.19	3.18	15.81	58.59
1983	5.93	6.79	5.97	12.32	7.38	12.45	3.79	9.36	3.90	1.68	4.53	10.00	84.10
1984	3.65	7.69	1.93	2.17	3.33	4.53	4.31	6.22	3.98	18.25	2.77	2.68	61.51
1985	6.97	5.75	4.31	1.74	1.41	4.49	6.13	6.97	4.14	12.12	0.68	4.49	59.20
1986	1.72	4.19	2.93	2.53	6.06	8.17	2.71	1.95	2.46	4.94	5.83	7.52	51.01
1987	7.63	10.55	6.05	1.88	6.53	4.80	6.50	10.65	1.19	1.17	4.36	3.68	64.99
1988	3.66	12.61	11.74	5.95	1.07	1.94	6.66	6.81	9.12	3.41	5.99	8.05	77.01
1989	5.40	1.21	4.55	2.36	12.52	21.53	7.32	7.05	5.54	3.15	8.37	6.82	85.82
1990	MMM	MMM	MMM	3.09	3.43	5.21	1.91	3.49	2.88	2.96	2.66	5.79	
1991	9.78	7.86	3.12	10.15	13.71	4.82	3.41	5.53	6.62	5.62	2.68	2.47	75.77
1992	11.02	7.28	7.96	1.84	1.98	7.53	6.57	8.42	3.54	2.20	7.65	3.72	69.71
1993	15.85	2.37	5.68	10.46	3.22	6.39	3.57	3.74	1.37	4.61	5.36	5.35	67.97
1994	6.42	3.62	3.86	6.20	8.02	9.96	9.34	4.84	5.83	5.84	2.33	MMM	
1995	6.59	3.52	10.97	9.49	11.22	2.26	MMM	6.39	1.38	6.55	MMM	MMM	
1996	5.57	3.32	3.44	5.24	3.64	3.03	3.10	3.39	4.38	7.57	3.24	MMM	
1997	5.58	MMM	4.49	9.25	8.24	6.54	5.42	3.53	MMM	MMM	4.66	6.24	
1998	11.61	5.03	3.58	5.42	0.00	3.23	1.96	MMM	6.54	3.37	2.39	4.45	
1999	5.98	2.10	5.76	0.40	3.17	4.95	5.06	1.82	7.76	6.01	0.98	5.00	48.99
2000	3.95	1.41	3.34	2.61	1.22	5.80	5.62	3.74	4.47	1.32	10.68	4.05	48.21
2001	5.52	3.02	10.66	0.90	2.38	22.94	4.58	4.97	7.25	4.76	0.75	4.56	72.29
2002	3.71	2.77	6.50	4.21	1.56	4.28	5.97	5.41	7.73	9.22	5.16	6.63	63.15
# of Months	26	26	27	28	28	28	27	27	27	27	27	26	21
Total Rain	162.10	128.83	145.97	150.26	150.76	173.09	141.64	156.16	126.44	128.94	119.07	135.90	1351.71
Avg	6.23	4.96	5.41	5.37	5.38	6.18	5.25	5.78	4.68	4.78	4.41	5.23	64.37

[illegible]

Appendix B-Station Rainfall Data Sheet

Location: CD Rom Directory : Final Stations – LA sheet A of the specific station notebook. Sheet B contains a monthly sort of the data and Sheet C is the station data presented in Appendix A

Example: The row LA-0205-DLY is for Louisiana Station 0205 (Amite) for 851 (August, 1951). The four columns at the end of the sheet are the monthly sums as reported in various NCDC sources to note discrepancies. The monthly sum used can be found on the Station Monthly Mean and Variance sheet located in Appendix A. The data runs from right to left from the first day of the month to the last.

Legend : 999 data indicates missing data
Shaded data (light blue or purple): Data was discovered in a paper publication and substituted for missing data from an electronic source.

January		1971																							
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Abita Springs F.T.	16	21																							
Amite	16	205	0.00	0.00	0.00	0.87	0.05	0.00	0.00	0.39	0.05	0.00	0.42	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Angola	16	244																							
Atchafalaya	16	367																							
Baton Rouge Ryan	16	549	0.00	0.00	0.03	0.64	0.00	0.00	0.05	0.21	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.16	
Bayou Sorrel Lock	16	565	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.32	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bogalusa	16	945	0.00	0.00	0.00	1.27	0.07	0.00	0.00	0.65	0.02	0.00	0.32	0.02	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boothville	16	1157																							
Buras	16	1292																							
Burnwood	16	1335																							
Carville	16	1565	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.45	0.01	0.69	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cinclare	16	3165																							
Clinton 4ENE	16	1891	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.56	0.02	0.00	0.19	0.00	0.00	0.00	0.19	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.71
Clinton 5SE	16	1899																							
Covington	16	2151	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.57	0.00	0.08	0.42	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Denham Springs	16	2350																							
Donaldsonville	16	2534	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.07	0.00	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Franklin	16	3313	0.00	0.00	0.03	0.14	0.00	0.00	0.09	0.50	0.02	0.88	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Franklinton	16	3321																							
Franklinton 3SW	16	3327	0.00	0.00	0.00	0.32	0.00	0.00	0.05	0.37	0.00	0.21	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90
Galliano	16	3433	0.00	0.00	0.00	0.60	0.40	0.00	0.00	0.80	0.14	0.00	0.90	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gonzales	16	3695																							
Grand Coteau	16	3800	0.00	0.00	0.03	0.02	0.00	0.00	0.13	0.60	0.00	0.15	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
Grand Isle	16	3807																							
Greensburg	16	3846	0.00	0.00	0.07	0.02	0.00	0.00	0.00	0.24	0.00	0.00	0.20	0.00	0.03	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43
Greenwell Springs	16	3867	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.28	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hammond	16	4034	0.00	0.00	0.00	1.23	0.00	0.00	0.00	0.44	0.00	0.13	0.38	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Houma	16	4407	0.02	0.00	0.00	0.24	0.08	0.00	0.00	0.27	0.28	0.00	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jeanerette	16	4674	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.33	0.00	0.00	0.79	0.00	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kentwood	16	4859	0.00	0.00	0.00	1.10	0.00	0.20	0.00	0.30	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30
Lafayette Airport	16	5026	0.00	0.00	0.10	0.00	0.00	0.00	0.15	0.29	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSU Ben Hur	16	5620	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.30	0.00	0.00	0.41	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Melville	16	6117	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.27	0.21	0.00	0.03	0.01	0.01	0.00	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Metairie/DPS 6	16	6157	0.00	0.00	0.00	0.94	0.02	0.00	0.00	0.53	0.00	0.41	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Morgan City	16	6394	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.65	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Appendix C- Mean Areal Precipitation (MAP) Rain Composite Sheet

Location: DC Rom Directory: Final Rain Composites with subdirectories organized by year and month

Example: This spreadsheet is for January 1971 and contains the daily precipitation for the specific station listed in the far left column. The third column is the cooperative station number used by NCDC to identify the station. The daily precipitation runs from left to right from day one to the last day of the month and is in inches.

Vita

Suzanne Van Cooten, formerly Suzanne Nichols, is a native of Norman, Oklahoma. An Honors and University Scholar at the University of Oklahoma, she earned her Bachelors of Science Degree in Meteorology in 1991. In December of 2000, she was awarded her Masters Degree of Science in Engineering from the College of Civil and Environmental Engineering at the University of New Orleans. Receiving numerous national and regional awards in the field of meteorology and hydrology, she has worked as an operational forecaster and hydrologist at NWS Meteorological Observatory in Stephenville, Texas, Fort Worth, TX National Weather Service (NWS) Forecast Office, New-Orleans/Baton Rouge, LA NWS Forecast Office, and the Lower Mississippi River Forecast Center. Her present assignment is with the Operations Division of the NWS National Data Buoy Center (NDBC) at Stennis Space Center, MS, where she is the program manager assigned to NOAA's Coastal Storms Initiative Program to investigate the effects of coastal storms on the nation's shorelines. Mrs. Van Cooten has received two Issac Cline local awards, one for outreach efforts and one for Hydrology, in addition to the NWS National Modernization Award for efforts as Regional Surface and Upper Air Observation Program Manager for the Southern Region of the NWS and interim Regional Program Manager for the Next Generation Radar (NEXRAD) and Automated Surface Observing System (ASOS) programs. She has been an invited speaker for national conferences and interagency working groups including NOAA's Interdepartmental Hurricane Conference. She has published numerous papers and training programs focusing on climatology research in Mean Areal Precipitation (MAP) and severe weather phenomenon. She currently resides in Slidell, Louisiana with her husband, Joe.