

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 4



ANNUAL REPORT 2021



Mandeville Fire/EMS

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TO OUR STAKEHOLDERS

MISSION STATEMENT

At Mandeville Fire/EMS, our mission is to protect our community from all hazards and life emergencies through excellence in public service.

VALUES STATEMENT

As the men and women of Mandeville Fire/EMS, we base the foundation of our mission on the values of honesty, integrity, pride, professionalism, respect, compassion, and dedication

MOTTO

EXCELLENCE IN PUBLIC SERVICE



Message from the Fire Chief

St. Tammany Fire Protection District No. 4 commonly known as Mandeville Fire/EMS serves a community of nearly 60,000 citizens populating over 75 square miles with over 100 specialists in fire suppression and emergency medical services. Mandeville Fire/EMS offers fire prevention programs and lifesaving education classes, state of the art lifesaving medical technology, hazardous material response, an all-hazards technical rescue team and much more.


Mandeville area Fire District No 4 has been awarded an insurance Class 1 fire rating from Property Insurance Association of Louisiana (P.I.A.L.). Mandeville area Fire District No. 4 is one of only two accredited Louisiana fire departments and our Fire District is the only Class 1 and Internationally Accredited Fire Department in Louisiana. Only about 7% of the U.S. Population is protected by a Class 1 and Accredited fire department.

We invite you to review this report for more information about the all-hazards services provided by St. Tammany Fire Protection District No. 4, Mandeville Fire/EMS to our wonderful community.

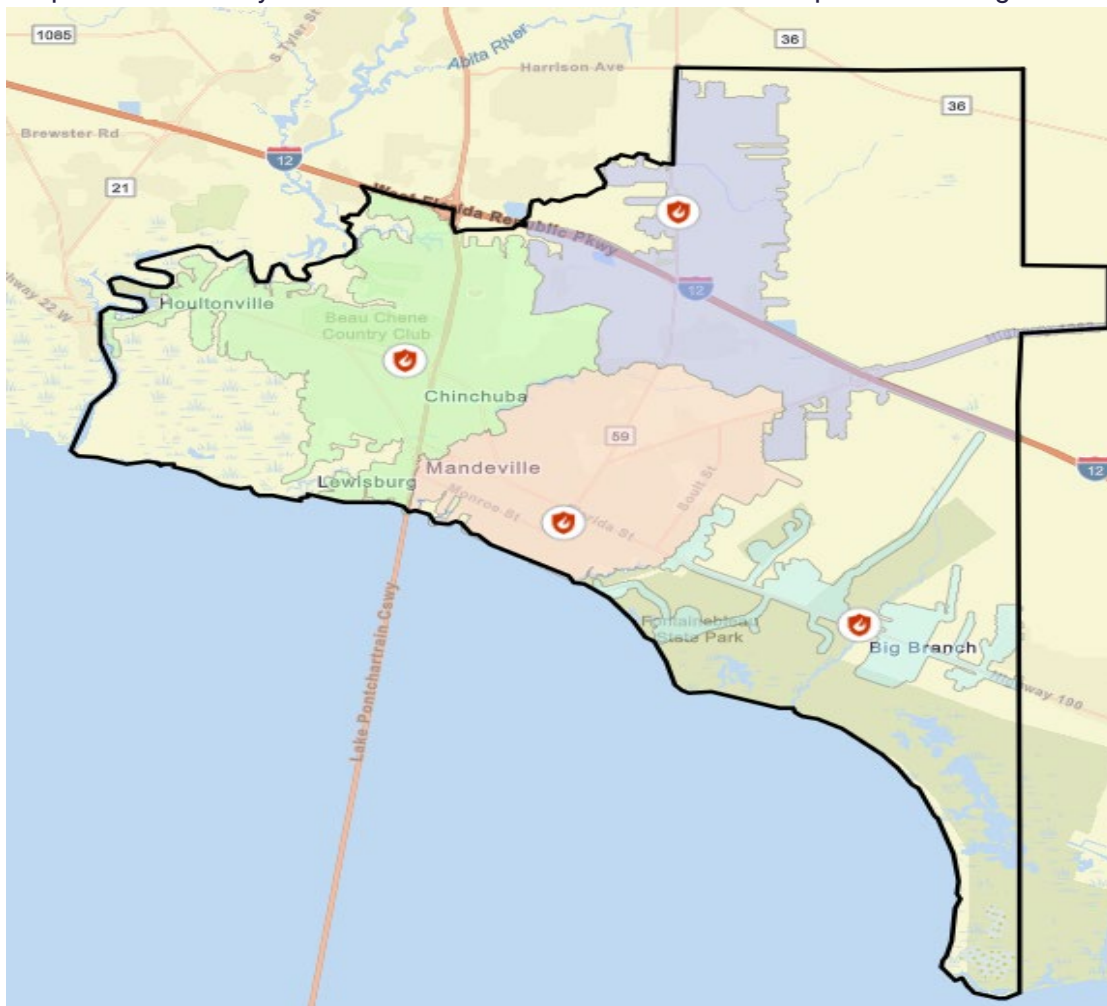
If you have any questions, do not hesitate to call me at my office, 985-626-8671 ext. 104.

Sincerely,
Kenneth Moore
Fire Chief
Mandeville Fire/EMS
St. Tammany Fire Protection District #4

FIRE DISTRICT OVERVIEW¹

Fire Rating Classification: _____	1	
Square miles covered: _____	75	
Population served: _____	58,301	
Households protected: _____	21,596	
Businesses protected: _____	3,489	
Employees protected: _____	26,771	
Senior Citizens 65+: _____	9,995	
Households with disability: _____	4,805	
Buildings 32 feet, 3-stories or more: _____	154	
Public & private schools protected: _____	17	
Students and faculty protected: _____	14,460	
High Risk Medical Facilities: _____	14	
High Risk Patient Capacity: _____	1,386	

Map of St. Tammany Fire Protection District No. 4. Red circles represent existing stations.



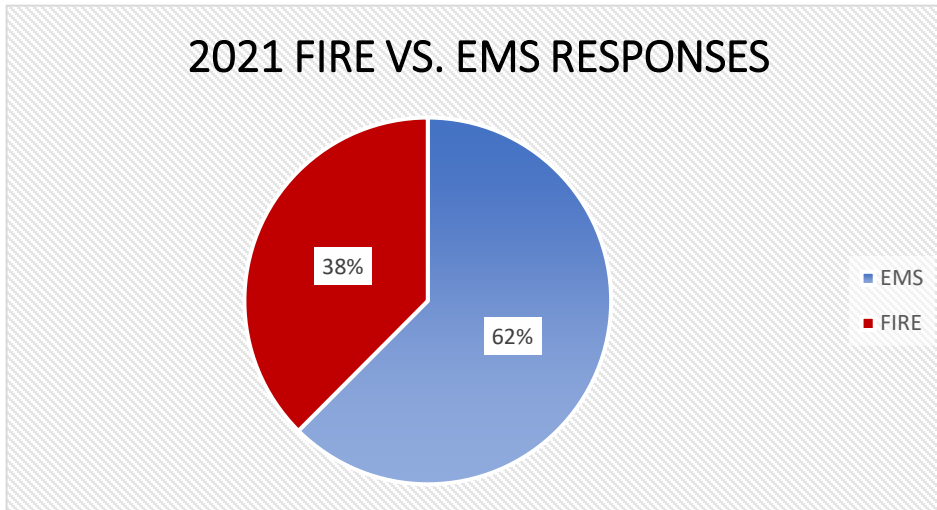
¹ Data provided by Esri, Esri and Infogroup. Esri Forecast for 2021, U.S. Census Bureau (ACS Data)

2021 FIRE INCIDENT DATA

Total Responses for 2021: **7,476** (17% increase from 2020)

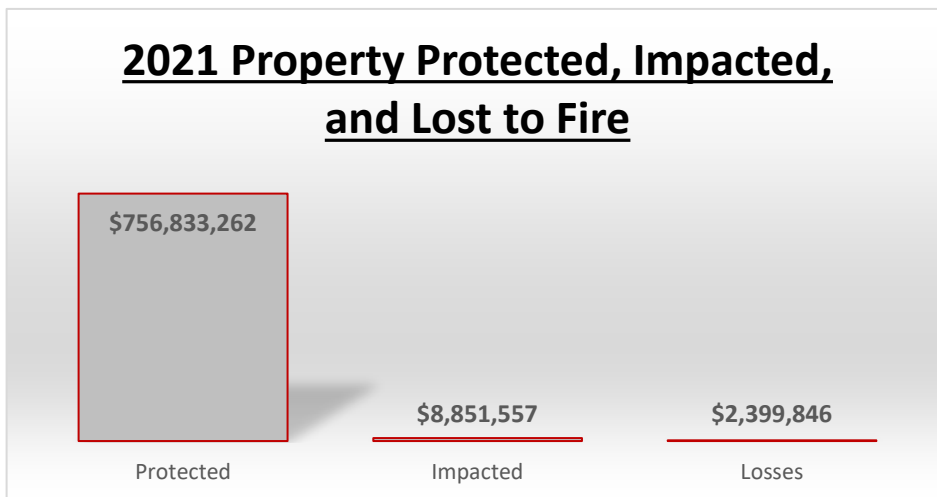
2,806 Responses were Fire/Rescue/Hazmat Incident Types

4,670 Responses were Medical Emergencies



There were **189** Fires in 2021

The following graphic shows fire losses versus protected property for 2021:



MAJOR FIRE LOSSES 2021

02/20/2021	1 or 2 family dwelling	\$300,000
10/30/2021	Heavy equipment fire	\$200,000
12/26/2021	1 or 2 family dwelling	\$300,000

2021 FIRE CAUSALTIES

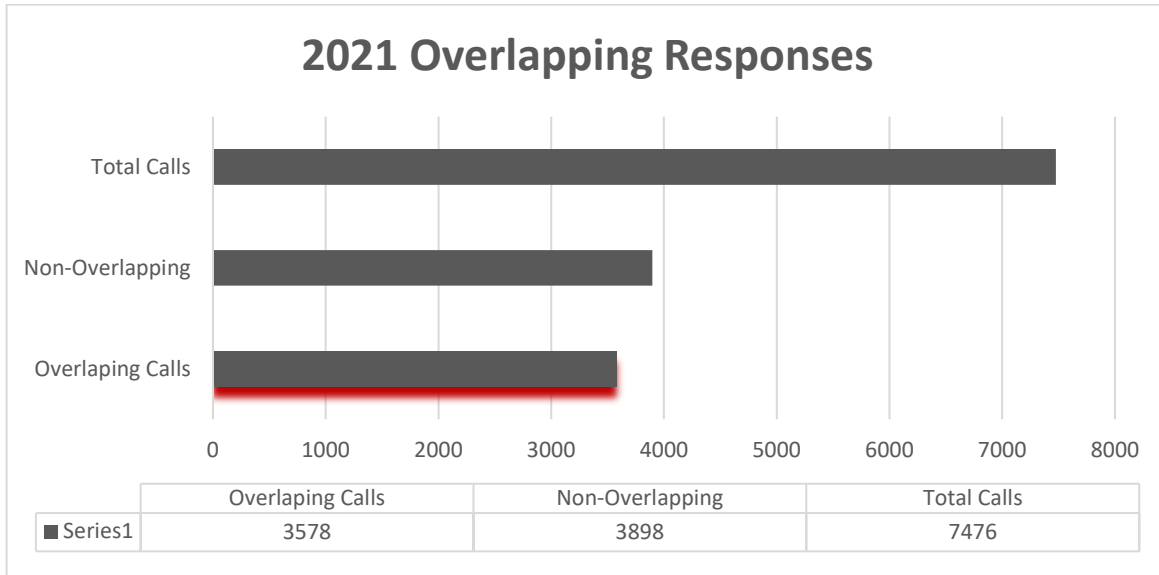
DATE	INJURY	DEATH
11/17/2021	1	N/A

2021 RESPONSE DATA

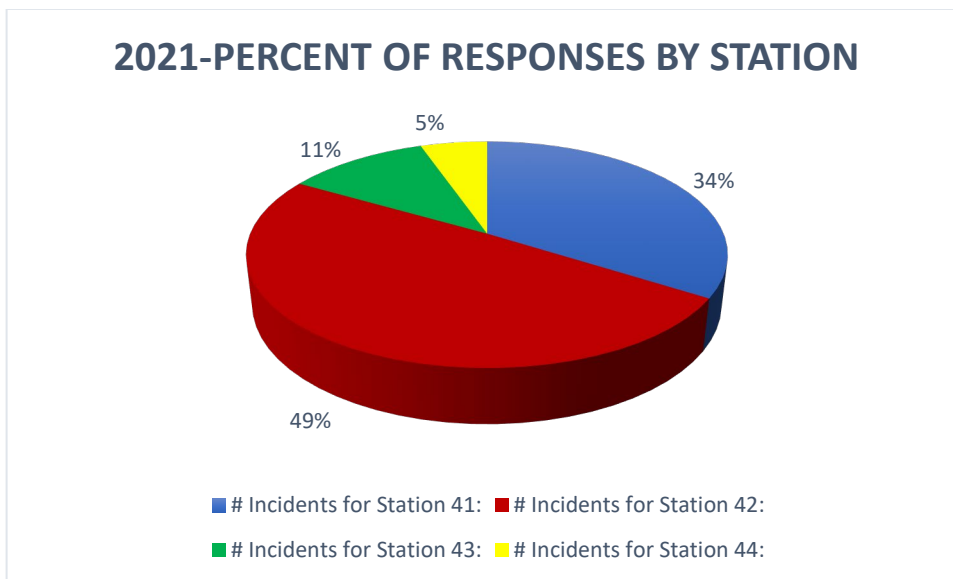
Total Average Response time for 2021: **00:05:02**

Total Average Time on Scene for 2021: **00:15:02**

Total Percentage of Time Calls Overlap: **47.86%**



49% of Total Responses came from one fire station. (% of all responses by station)

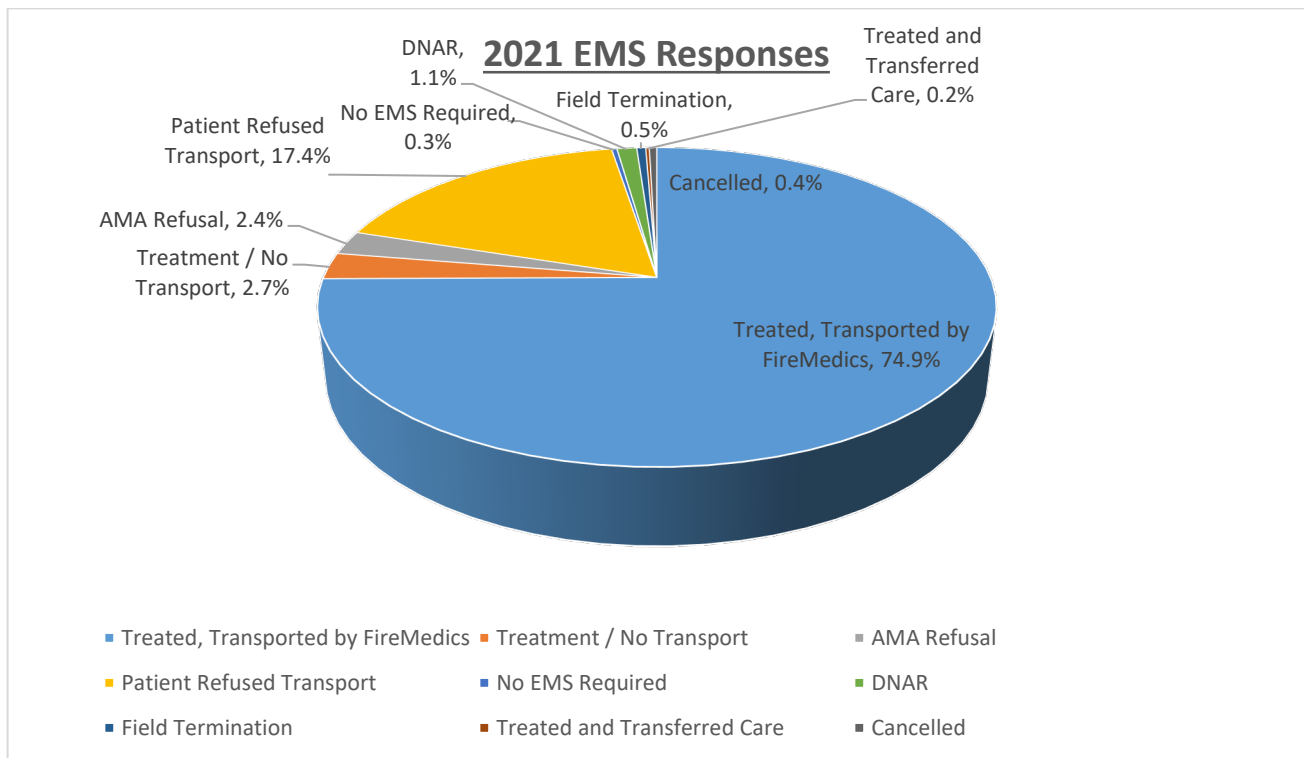


Total percent of responses inside & outside Station Area for 2021

Station 41	63%	37%
Station 42	92%	8%
Station 43	32%	68%
Station 44	44%	56%

2021 EMS RESPONSE DATA

4,670 Medical responses with **4,898** patients, **75%** transported to a hospital.



626 Falls with injury, **8.4%** of all calls, the most frequent emergency of 2021.

607 Motor Vehicle Accidents with injury, **8.2%** of all calls, the 2nd most frequent emergency.

97 Overdoses, **67%** with signs of life restored.

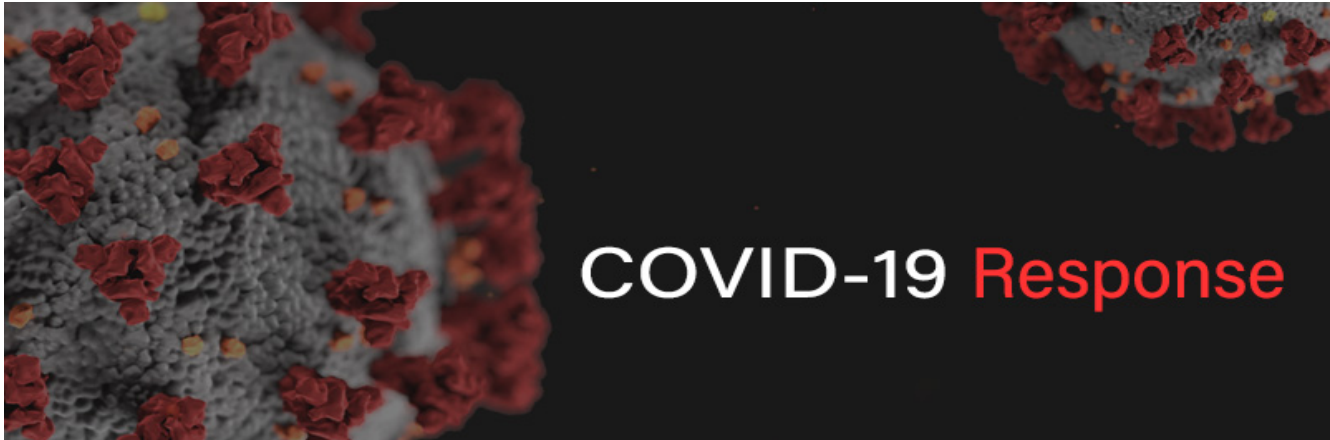
127 Cardiac Arrests (non-traumatic)

72 Times CPR was performed, **65%** with signs of life restored

211 Trauma injuries (non-MVA), **2** Major Traumas



2021 COVID-19 RESPONSE DATA



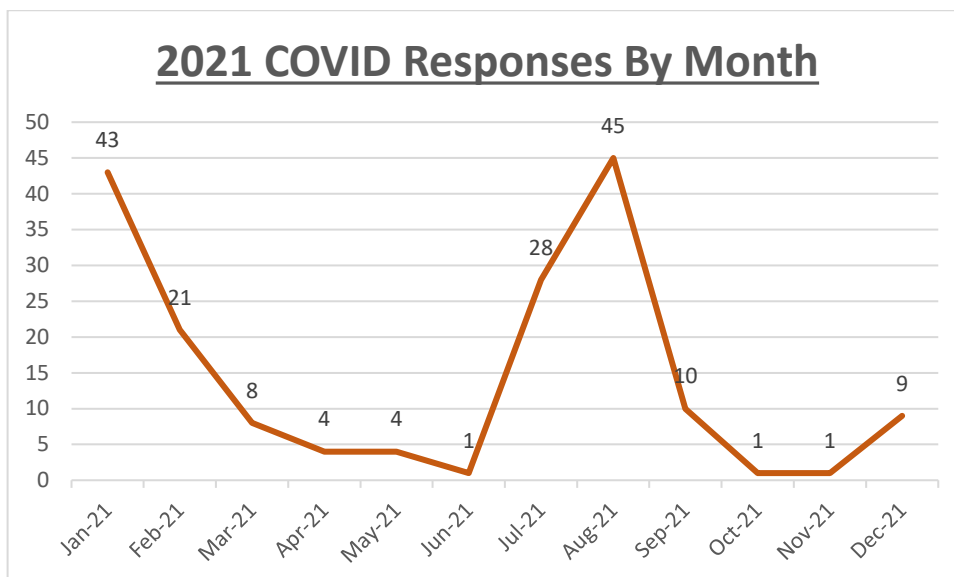
On March 9th, 2020 the first COVID-19 case was reported in Louisiana. On Tuesday March 10th, 2020 at 12:13 PM Mandeville Fire/EMS responded to a patient in distress, Incident #: 2020-0001108. This patient was the first COVID-19 positive patient transported by Mandeville Fire/EMS. Since the start of the Pandemic there have been 538 COVID patients treated by Fire District 4. There have been 4 surges in COVID and two additional variants, Delta in July 2021 and Omicron in December 2021. COVID-19 and its variants have impacted operations including response, staffing, training, public education and community events.

175 COVID Responses in 2021 (down by 52% from 2020)

2.34% of all responses were for COVID.

49 Employees quarantined due to COVID in 2021

35 Employees tested positive for COVID in 2021



FIRE PREVENTION AND SAFETY DATA

The Fire Prevention Bureau is responsible for investigating fires, conducting fire safety inspections in businesses, and coordinating the public fire and safety education efforts of the department. Due to COVID-19 Restrictions Inspections and public education were again impacted in 2021:

796 Business inspections conducted in 2021

93 Re-inspections completed in 2021

1,862 Citizens received public fire and or safety education in 2021

44 Public education events were held. Small events, following all mandated guidelines.

27 Social media messages per month average for 2021 on Facebook, Twitter & Instagram

11,923 Social media page followers on Facebook in 2021

81 Child Safety Seat inspections completed in 2021

5 Smoke Alarms installed for disadvantaged citizens in 2021

Through a partnership with the Bureau of Alcohol Tobacco Firearms and Explosives, Mandeville Fire/EMS is fortunate to have an Accelerant Detection Canine team as part of our investigation tools. Chief Kaufmann and ATF K9 Sadie are one of 61 such teams across the country. Sadie is trained to detect ignitable liquids commonly used as accelerants in deliberately set fires.

26 Fire Investigations conducted in 2021

14 K9 Sadie involved investigations in 2021

6 investigations that K9 Sadie was involved in were outside of St. Tammany Parish.

8 Joint investigations conducted by the St. Tammany Parish Fire Investigation Team



TRAINING DATA

The single most important function of Mandeville Fire/EMS is a timely response to emergencies. The second most important task as a multi-hazard response agency is being prepared for those emergency incidents through continuous, meaningful training. Personnel serving in the operations ranks are subjected to a rigorous training regimen throughout each year in multiple disciplines; some examples include training in fire control, EMS, hazmat, & technical rescue.

39,642 Total agency training hours for 2021

120 Total personnel trained in 2021

4,086 Total hours of Emergency Medical Services (EMS) agency training in 2021

548 Total hours of Hazardous Materials (Hazmat) agency training in 2021



NATURAL DISASTERS

Southeastern Louisiana faced above-average rainfall every month from February through September. April and May were both the fifth-wettest on record, and both had severe weather with tornadoes and flash flooding. Southeastern La. ended 2021 with 2 feet of rain over the average. Southeastern La. then went three weeks without any rain at the end of October into November. Only .52 inches of rain fell in November, causing November to be the fifth-driest on record. December brought more severe weather and a tornado near Covington on Dec. 6. At one point there were four tornado warnings on the Northshore at the same time. December 2021 ends the second warmest on record. NOAA reported that July 2021 was the world's hottest month ever recorded. During three main heat waves – the National Weather Service issued 25 heat advisories or excessive heat warnings for our area.

Claudette was our first tropical cyclone impact of 2021. On June 19th it brought over 9 inches of rain in the Slidell and Pearl River areas. The second tropical cyclone, Hurricane Ida made landfall at Port Fourchon at 11:55 a.m. Sunday, Aug. 29, 2021, with 150 mph winds. On the 16th anniversary of Katrina, Ida made landfall stronger than Katrina. When Ida moved north, parallel to Tangipahoa Parish, it caused major wind damage across Tangipahoa and St. Tammany parishes, downing thousands of trees, making roads impassable and causing widespread damage to homes. Heavy rain and storm surge caused flooding. In the week of Ida, Fire District 4 personnel did tremendous work. Here is Fire District No. 4 Hurricane Ida week one by the numbers:

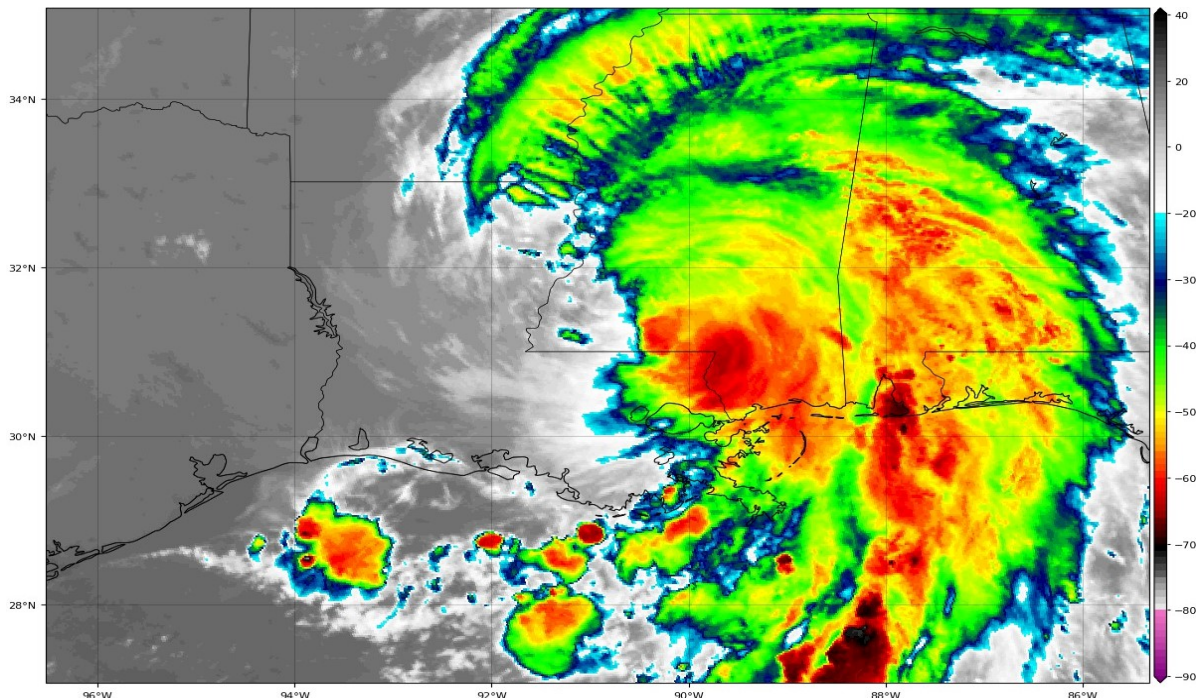
341 Emergency Responses

52 Calls for Assistance, (tarp roofs, welfare checks, etc.)

417 Miles of Roadway Cleared (working with City and Parish Public Works)

75 Square Miles of Damage Assessments Completed

1,228 Damaged Structures recorded



INTERNATIONAL ACCREDITATION

June 14th, 2021 - Mandeville Fire/EMS, St. Tammany Fire District No. 4 is Awarded International Accredited Status

St. Tammany Fire District No. 4 (District 4) Mandeville Fire/EMS received Accredited Agency status with the Commission on Fire Accreditation International (CFAI) for meeting the criteria established through the CFAI's voluntary self-assessment and accreditation program. District 4 is one of more than 250 agencies to achieve Internationally Accredited Agency status with the CFAI and the Center for Public Safety Excellence, Inc. (CPSE)

District 4 joins St. Tammany Fire District 1, serving the Slidell area, as the only two accredited agencies in Louisiana. District 4 has the distinction of being the only Property Insurance Association of Louisiana (PIAL) Class 1 rated and internationally accredited agency in Louisiana and only 1 of 104 in the U.S.

CFAI is dedicated to assisting the fire and emergency service agencies throughout the world in achieving excellence through self-assessment and accreditation in order to provide continuous quality improvement and the enhancement of service delivery to their communities. The CFAI process is voluntary, and provides an agency with an improvement model to assess their service delivery and performance internally and then works with a team of peers from other agencies to evaluate their completed self-assessment.

The members of District 4 have much to be proud of; less than 1% of all fire departments are Class 1 and Accredited. It is through the hard work and dedication of the members of District 4 that this was achieved.







THE BOARD OF COMMISSIONERS AND FIRE CHIEF



From the top left to right

William H. "Bill" Dobson, Board Chairman

David Lindsey, Vice-Chairman

Jack Schell, Commissioner & Treasurer

Ambrose Amedee, Commissioner

Darryl Taylor, Commissioner

Kenneth Moore, Fire Chief

MESSAGE FROM THE BOARD OF COMMISSIONERS

Wm. H. "Bill" Dobson, Jr.
Board Chairman

David Lindsey
Vice-Chairman

Jack Schell
Commissioner Treasurer

Ambrose Amedee
Commissioner

Darryl Taylor
Commissioner

Marlaine Peachey
Secretary



Dear Residents and Members:

The Board of Commissioners is pleased with all that has been accomplished in 2021. We are thankful that Fire Chief Kenneth Moore has agreed to remain the District's Fire Chief for four more years. Chief Moore and our members have accomplished a great deal for our community during the past five years. For example, the District has attained a PIAL Class 1 insurance rating. One of only a few in Louisiana to do so. Further, it has earned International Accreditation, only the second in Louisiana to do so. Beyond that, the District has maintained financial transparency as proven by consecutive clean annual financial audits conducted by independent auditors. Also, the District continues equipment modernization and infrastructure improvement goals necessary to meet emergency response demands which includes the construction of two additional fire stations and a new training tower in 2022.

Our members have bravely responded to more than 7,400 fire and hazard emergencies in 2021 while continuing towards national standard response times. In addition, they have selflessly responded to hundreds of COVID-19 and Hurricane Ida related emergencies.

I and the other Commissioners reaffirm our belief in Fire Chief Moore and our Fire District 4 members. We support them as completely as the District's resources and budget permit.

In closing, on behalf of the Board of Commissioners, we acknowledge Chief Moore's superior leadership, and laud our members' efforts. Both have resulted in the finest Fire Protection District in Louisiana.

Respectfully,

Wm. H. "Bill" Dobson
Chairman Board of Commissioners
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