Fire Department Village Board Report Narrative

Month: October 2020

Activities for the month: The 17 activities for the month included, Records Management, Equipment Inventory Project Work, Monthly Meeting, Updated NFIRS Training (fire reports), and Station Clean Up.

Training and Maintenance:

- Evening Training: There were three training sessions held in October:
  o Motor Vehicle Extrication
  o TNT Tool Review with the manufacturer (extrication tools)
  o Hands on training at a donated structure (14440 Woodlawn Circle)

- **Calls for Service**: There were 12 calls for service comprised of 3 Mutual Aid Requests (1 to Town of Brookfield, 1 to Palmyra and 1 to Pewaukee), 4 False Alarms, 2 Natural Gas incidents, 1 Carbon Monoxide incident, 1 Electrical Emergency, 1 Outside Fire

Year to date call volume: Calls for service are 18 behind last year at this time and false alarms are 1 behind last year.

The department has transitioned back to in-person monthly meetings as well as in-person, hands on training. We continue to practice safe distancing when possible and continue to encourage our members to wear masks for their protection as well as the protection of those we serve.

Respectfully Submitted,

David J. Kastenholz- Fire Chief, Elm Grove Volunteer Fire Department

Fire Calls

M/Yr	2015	2016	2017	2018	2019	2020
J	8	12	16	9	10	8
F	15	13	7	6	5	5
M	6	6	7	10	11	9
A	6	7	11	9	6	11
M	13	12	13	13	6	8
J	16	14	18	10	9	11
J	17	22	9	21	17	13
A	15	9	2	11	13	12
S	14	7	7	12	15	12
O	7	11	8	8	15	12
N	13	14	6	7	13	
D	14	10	11	11	10	
Total	144	137	115	127	130	**101**

Avg. Response Time

M/Yr	2015	2016	2017	2018	2019	2020
J	8.92	6.37	6.35	7.88	6.19	5.58
F	6.30	6.87	6.23	6.80	4.20	3.38
M	7.00	6.20	5.80	6.20	3.46	3.25
A	6.28	9.35	6.38	10.40	10.47	8.20
M	7.05	6.53	6.85	6.51	4.11	5.35
J	5.92	6.52	6.45	4.70	6.37	3.21
J	5.90	9.06	6.50	6.17	5.29	6.00
A	6.17	7.37	5.67	10.27	10.44	6.18
S	7.38	6.34	5.00	4.57	7.27	5.08
O	6.50	7.07	5.23	3.36	3.41	4.26
N	6.28	6.10	5.14	7.25	6.01	
D	6.32	8.42	7.85	6.00	9.36	
Total	6.55	7.18	6.12	6.68	6.38	**5.05**

Average Turnout

M/Yr	2015	2016	2017	2018	2019	2020
J	14.0	12.4	13.9	11.0	13.0	13.0
F	11.9	13.4	13.4	14.5	12.0	16.0
M	13.0	13.2	13.1	13.9	12.7	11.0
A	15.2	13.0	11.4	12.6	12.6	14.0
M	13.4	12.5	11.2	14.0	13.6	15.0
J	12.9	11.4	11.2	11.1	12.4	12.5
J	13.2	12.9	9.1	11.1	11.3	11.0
A	13.8	13.1	10.5	12.0	9.4	11.0
S	12.9	13.0	12.1	11.0	13.1	10.0
O	9.9	12.8	12.4	11.4	12.0	11.0
N	13.2	12.1	11.7	10.9	12.0	
D	12.6	12.6	12.7	13.6	12.0	
Total	13.0	12.7	11.9	12.3	12.2	**12.5**

Activity Hours

M/Yr	2015	2016	2017	2018	2019	2020
J	208.8	248.7	272.3	189.3	135.9	287.0
F	255.9	205.4	223.6	171.2	287.3	214.5
M	375.6	261.5	187.2	204.2	340.0	131.6
A	243.2	195.5	199.4	344.3	266.5	77.9
M	340.7	344.2	342.9	245.8	275.8	89.0
J	411.2	156.0	183.4	168.8	176.4	135.9
J	302.9	238.6	171.2	207.7	284.4	240.8
A	195.6	467.8	315.3	168.4	442.3	146.9
S	253.2	154.1	179.4	169.2	248.8	207.0
O	220.7	267.2	282.8	525.0	233.5	188.8
N	236.7	449.3	181.4	256.8	280.0	
D	355.3	210.8	179.1	135.9	94.1	
Total	3399.7	3199.2	2717.8	2786.6	3064.8	**1719.2**

Call Hours

M/Yr	2015	2016	2017	2018	2019	2020
J	112.4	91.7	187.0	92.2	205.9	116.0
F	95.3	81.6	45.3	48.9	41.9	34.2
M	62.0	61.4	34.9	64.0	94.8	55.1
A	36.5	100.1	142.8	127.4	45.9	163.3
M	136.7	126.2	89.5	115.9	46.9	174.1
J	110.0	100.7	150.1	57.4	107.4	101.4
J	186.8	201.3	67.5	231.3	231.5	95.2
A	142.6	77.1	16.7	56.7	103.2	86.2
S	136.9	36.8	24.8	87.9	170.6	91.7
O	36.0	122.0	42.0	119.8	96.8	88.3
N	103.1	90.7	55.1	35.4	123.4	
D	99.0	138.5	90.7	205.9	117.8	
Total	1257.2	1228.0	946.3	1242.6	1386.0	**1005.4**

2020 Fire Calls

YTD 101

Legend: ■2016 ■2017 ■2018 ■2019 ■2020

Bar chart showing fire calls by month (J–D), y-axis 0–25. Labeled values: 8 (F), 5 (F), 9 (M), 11 (A), 8 (M), 11 (J), 13 (J), 12 (A), 12 (S), 12 (O).
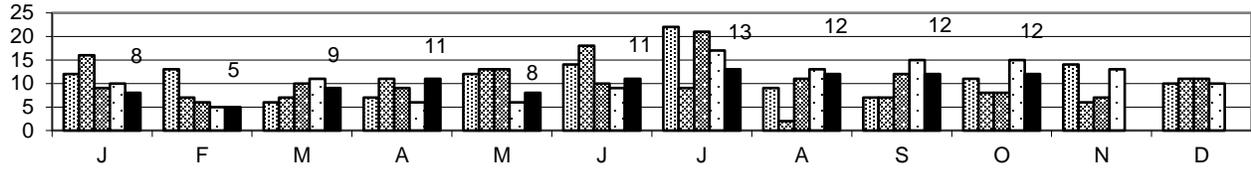
Average Response Time (Minutes)

YTD - Including Mutual Aid 5.05

Bar chart by month (J–D), y-axis 0.00–12.00. Labeled values: 5.58, 3.38, 3.25, 8.20, 5.35, 3.21, 6.00, 6.18, 5.08, 4.26.

Average Turnout

AVG 12.5

Bar chart by month (J–D), y-axis 0.0–20.0. Labeled values: 13.0, 16.0, 11.0, 14.0, 15.0, 12.5, 11.0, 11.0, 10.0, 11.0.
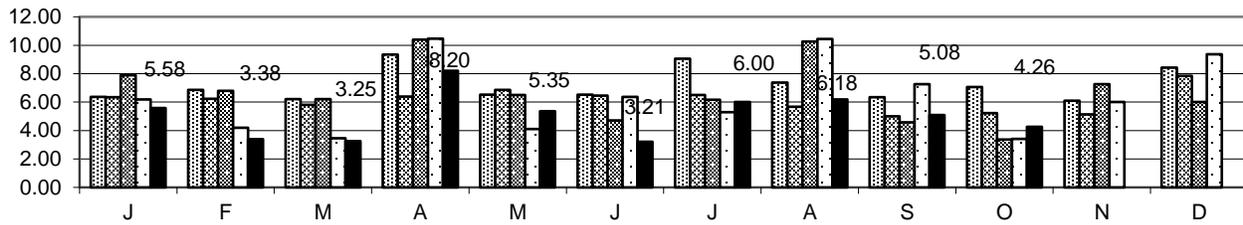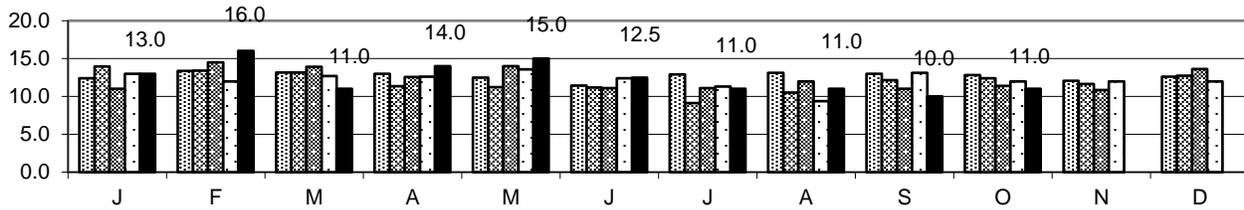
Fire Call Man Hours

YTD 1005.4

Bar chart by month (J–D), y-axis 0.0–400.0. Labeled values: 116.0, 34.2, 55.1, 163.3, 174.1, 101.4, 95.2, 86.2, 91.7, 88.3.
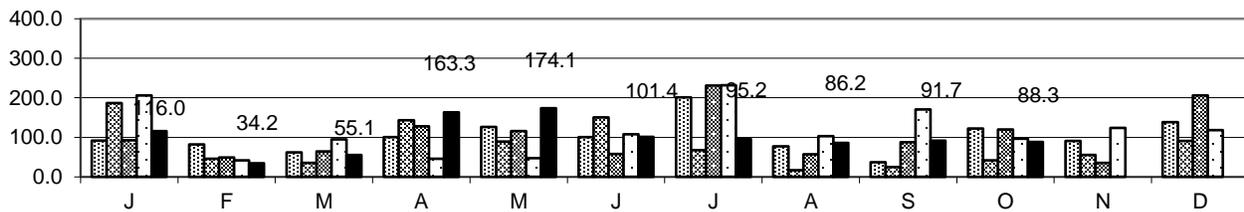
Activity Man Hours

YTD 1719.2

Bar chart by month (J–D), y-axis 0.0–600.0. Labeled values: 287.0, 214.5, 131.6, 77.9, 89.0, 135.9, 240.8, 146.9, 207.0, 188.8.
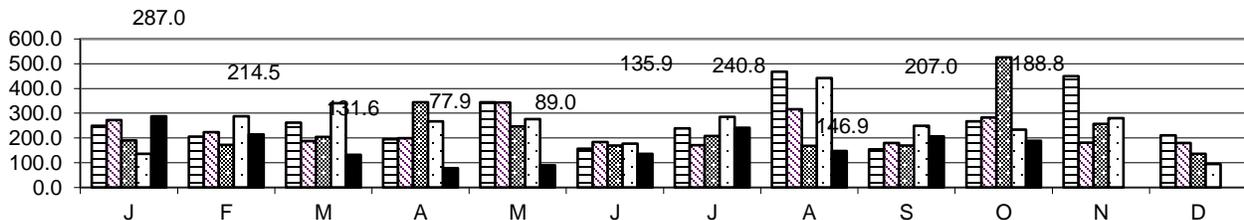
					Elm Grove Fire Department Activities for Month		Month:	Oct-20
Activity No.	Activity Date	Day of the Week	Activity Time	Activity Hours	Type of Activity	Description of Activity	Members Attended	Man Hours
1	10/6/20	Tuesday	19:00	2.5	Meeting	Monthly Meeting	20	50.00
2	10/8/20	Thursday	18:30	3.0	Data Entry	Monthly Reports	1	3.00
3	10/10/20	Saturday	8:00	7.0	Training - Outside	F.O.O.L.S. Training - Man vs. Machine	1	7.00
4	10/13/20	Tuesday	19:00	2.5	Training	Vehicle Extrication	11	27.50
5	10/17/20	Saturday	11:00	3.3	Special Assignment	Inventory Project	1	3.25
6	10/18/20	Sunday	9:00	3.0	Training	Acquired Structure - 14440 Woodlawn Cir	9	27.00
7	10/19/20	Monday	9:00	7.5	Special Assignment	Inventory Project	1	7.50
8	10/20/20	Tuesday	13:15	3.8	Special Assignment	Inventory Project	1	3.75
9	10/20/20	Tuesday	19:00	1.0	Training	TNT Tool Review	15	15.00
10	10/20/20	Tuesday	20:00	1.5	Training	Extrication	16	24.00
11	10/21/20	Wednesday	12:30	6.3	Special Assignment	Inventory Project	1	6.30
12	10/22/20	Thursday	9:30	3.5	Special Assignment	Inventory Project	1	3.50
13	10/22/20	Thursday	13:00	1.5	Training	NFIRS Update	1	1.50
14	10/22/20	Thursday	14:30	2.5	Special Assignment	Inventory Project	1	2.50
15	10/25/20	Sunday	12:00	4.0	Special Assignment	Station Cleaning	1	4.00
16	10/28/20	Wednesday	16:45	1.8	Special Assignment	Inventory Project	1	1.75
17	10/30/20	Friday	15:40	1.2	Data Entry	Firehouse Update	1	1.20
						Total Activity Man Hours for the Month		188.75

Department Activity Summary and Statistics

Monthly Activities	Year to Date Activities	Month Act. Hours	Av. Hours per Activity		Year to Date Activity Hours	Monthly Activity Attendance	Year to Date Attendance	Year to Date Man Hours
17	160	55.8	3.28		324.1	83	905	1719.05

					Elm Grove Fire Department Calls for Service for Month		Members Responded	Members Man Hours
Call No.	Date of Call	Day of Week	Time of Call	Hours Out	Type of Alarm	Alarm Description and Incident Address	Members Responded	Members Man Hours
1	10/3/20	Saturday	6:30	1.8	Mutual Aid	W2024 Hwy 59- Palmyra	9	16.20
2	10/3/20	Saturday	21:17	0.8	False Alarm	13500 Wrayburn	10	8.00
3	10/5/20	Monday	17:32	0.2	False Alarm	610 Dunleigh Cir. #1	10	2.00
4	10/5/20	Monday	20:17	0.3	Mutual Aid	20825 Gorge Hunt Cir - Town of Brookfield	11	3.30
5	10/8/20	Thursday	18:02	0.2	False Alarm	14225 Juneau Ave	8	1.60
6	10/12/20	Monday	22:25	1.60	Mutual Aid	W239 N2242 Pewaukee Rd - Pewaukee Sta 1	12	19.20
7	10/16/20	Friday	13:51	0.30	Outside Fire	15105 Briaridge Ct	6	1.80
8	10/25/20	Sunday	19:15	0.30	False Alarm	800 Wall St	13	3.90
9	10/26/20	Monday	8:51	0.75	Natural Gas Emergency	Bluemound/Terrace	12	9.00
10	10/26/20	Monday	12:45	0.90	Carbon Monoxide Incident	1020 Woodland Ave	12	10.80
11	10/27/20	Tuesday	8:05	0.75	Natural Gas Incident	14750 Ridgemoor Dr	11	8.25
12	10/29/20	Thursday	12:01	0.30	Electrical Emergency	F/O 2175 San Fernando Dr	14	4.20

Department Call Summary and Statistics

Alarms for the Month	Year to Date Alarms	Last Y.T.D. Alarms	Alarm Difference	Hours Out	Average Hours Per Call	Average Minutes per Call	Members Responded	Members Man Hours
12	101	119	-18	8.2	0.68	41.0	128	88.25
			-15%					
	Year to Date False Alarms	Last Y.T.D. False Alarms	False Alarms Diff.		Year to Date Activity + Alarm Man Hours	Current Membership Roster	Year to Date Responded	Year to Date Man Hours
	23	24	-1		2724.42	40	1194	1005.37
			-4%					
					Monthly Average Response per Alarm	Monthly Average Man Hours per Alarm	YTD Av. Responded per Alarm	YTD Av. Man Hours per Alarm
					10.67	7.35	11.82	9.95

Current Month Calls For Service and Statistics

No. of Alarms	Types of Alarm this Month		Alarm Times of Occurrence	Year to Date Alarm Times of Occurance	% of YTD Alarm Times
4	False Alarms	5	Daytime Alarms 7:00am-3:30pm	31	30.7%
3	Mutual Aid	4	Week Night Alarms 3:30pm-7:00am	39	38.6%
2	Natural Gas Emergency	3	Week End Alarms Sat. 7:00am-Mon. 7:00am	31	30.7%
1	Carbon Monoxide Incident	12	Total Alarms this Month	101	100%
1	Electrical Emergency				
1	Outside Fire				
12	Total Alarms this Month				