

CITYGATE ASSOCIATES, LLC

■ FOLSOM (SACRAMENTO), CA

MANAGEMENT CONSULTANTS ■



COMMUNITY RISK ASSESSMENT, STANDARDS OF COVER STUDY, AND STRATEGIC PLAN AND TRAINING FACILITIES REVIEW

EL DORADO HILLS FIRE DEPARTMENT

VOLUME 3 OF 3 – MAP ATLAS

July 5, 2016



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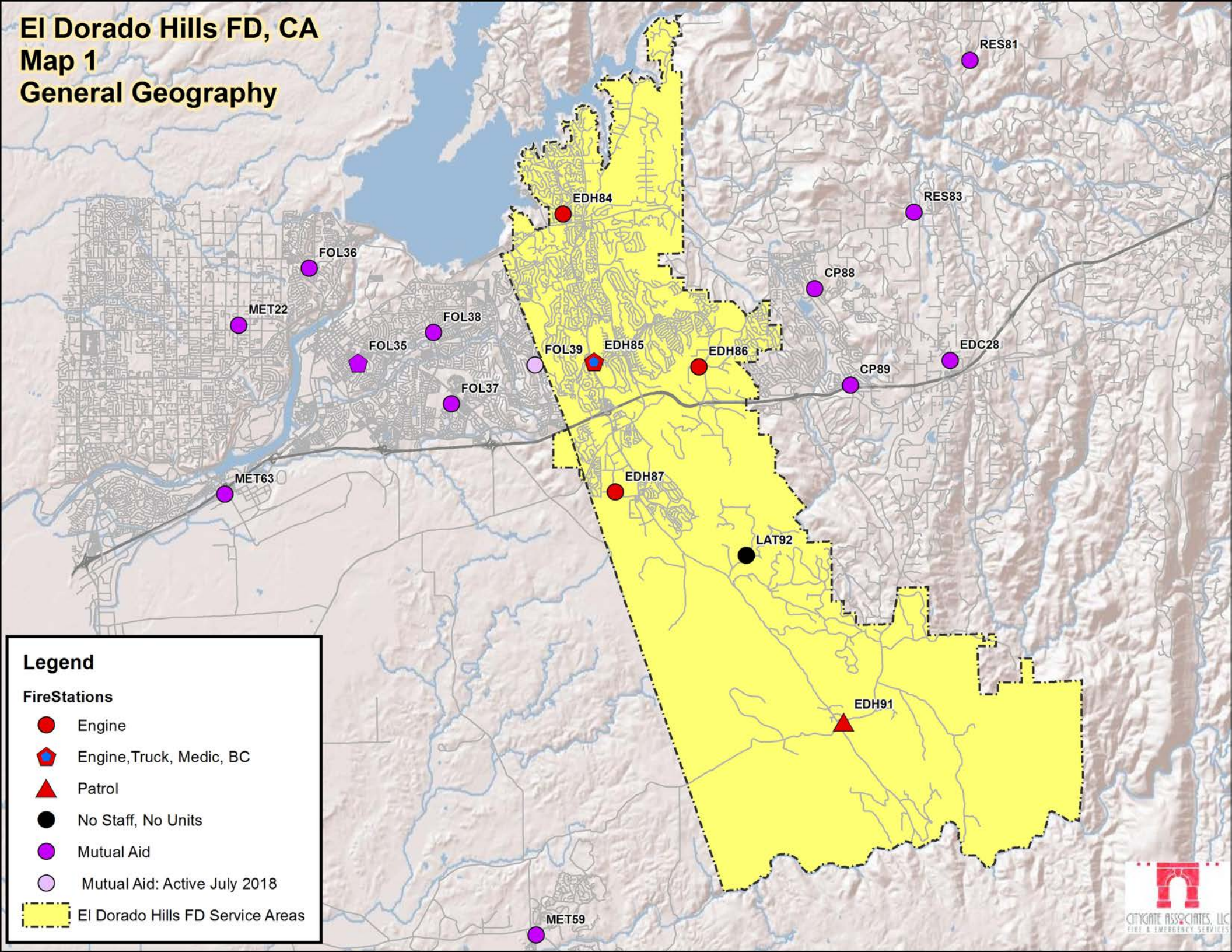


CITYGATE ASSOCIATES, LLC
FIRE & EMERGENCY SERVICES

El Dorado Hills FD, CA

Map 1

General Geography



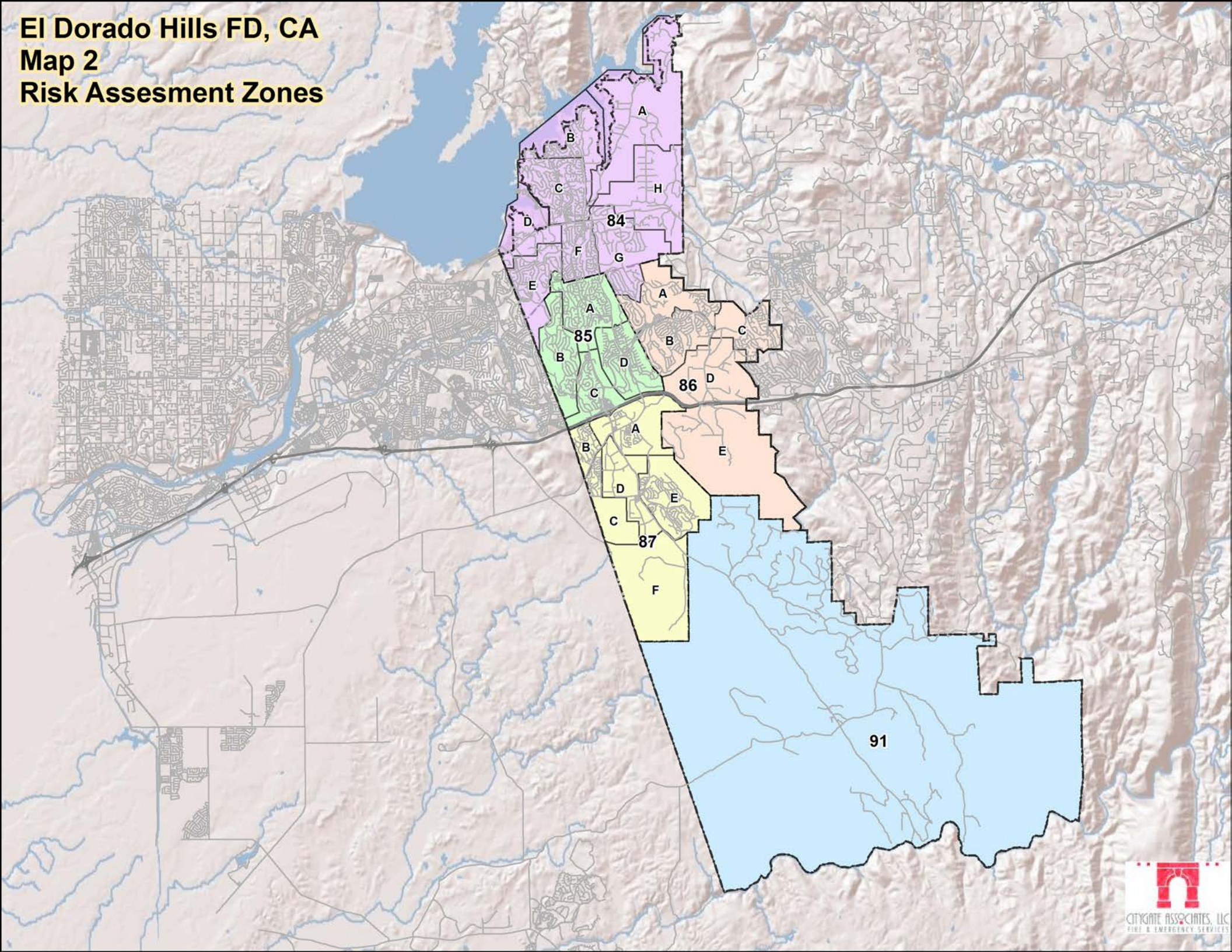
Legend

Fire Stations

- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018

El Dorado Hills FD Service Areas

El Dorado Hills FD, CA
Map 2
Risk Assessment Zones



El Dorado Hills FD, CA

Map 2a

High-Risk Occupancies

Legend

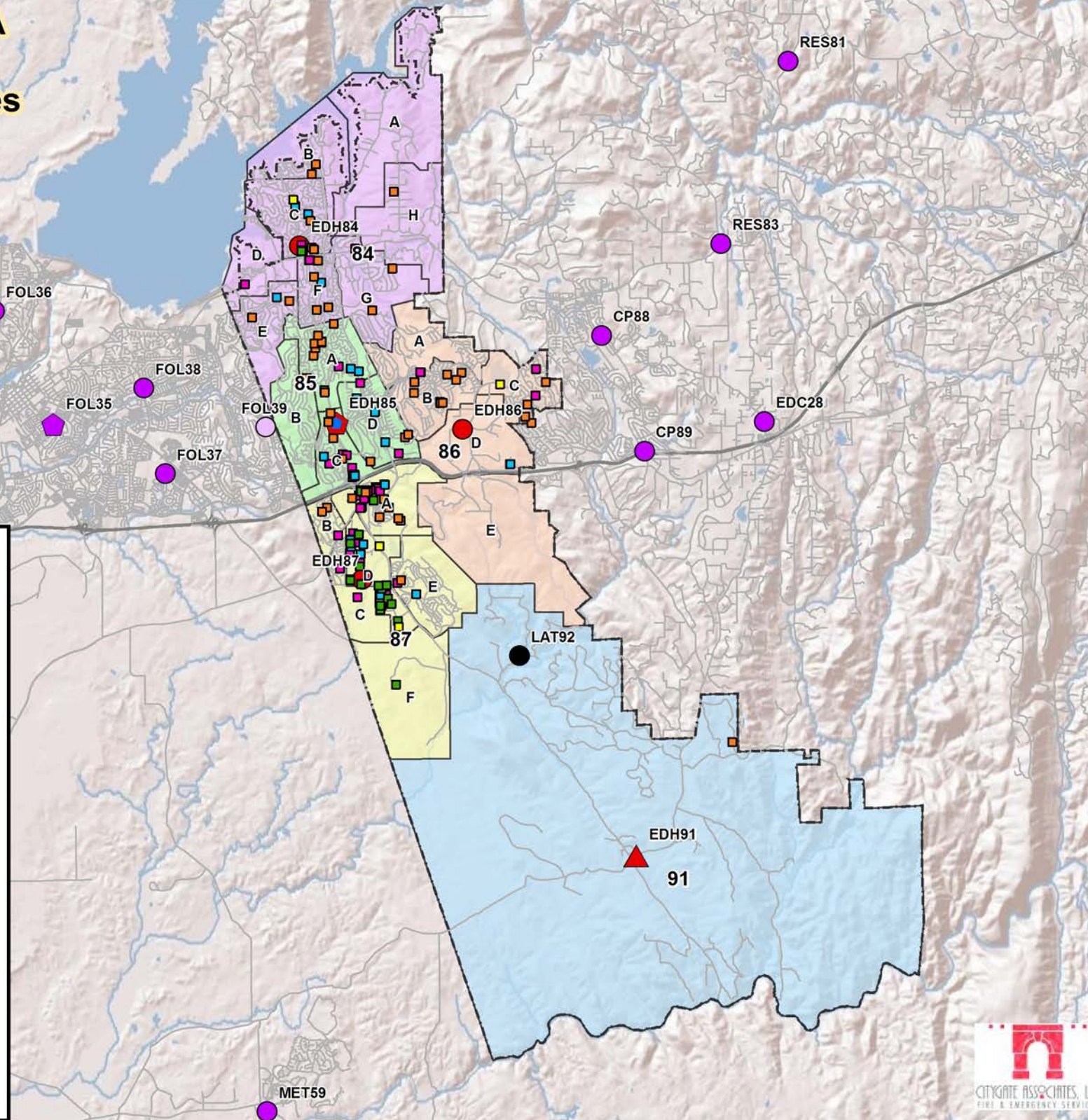
Hazard Class

- A
- E
- F
- H
- R

Fire Stations

- Engine
- Engine, Truck, Medic, BC
- ▲ Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018

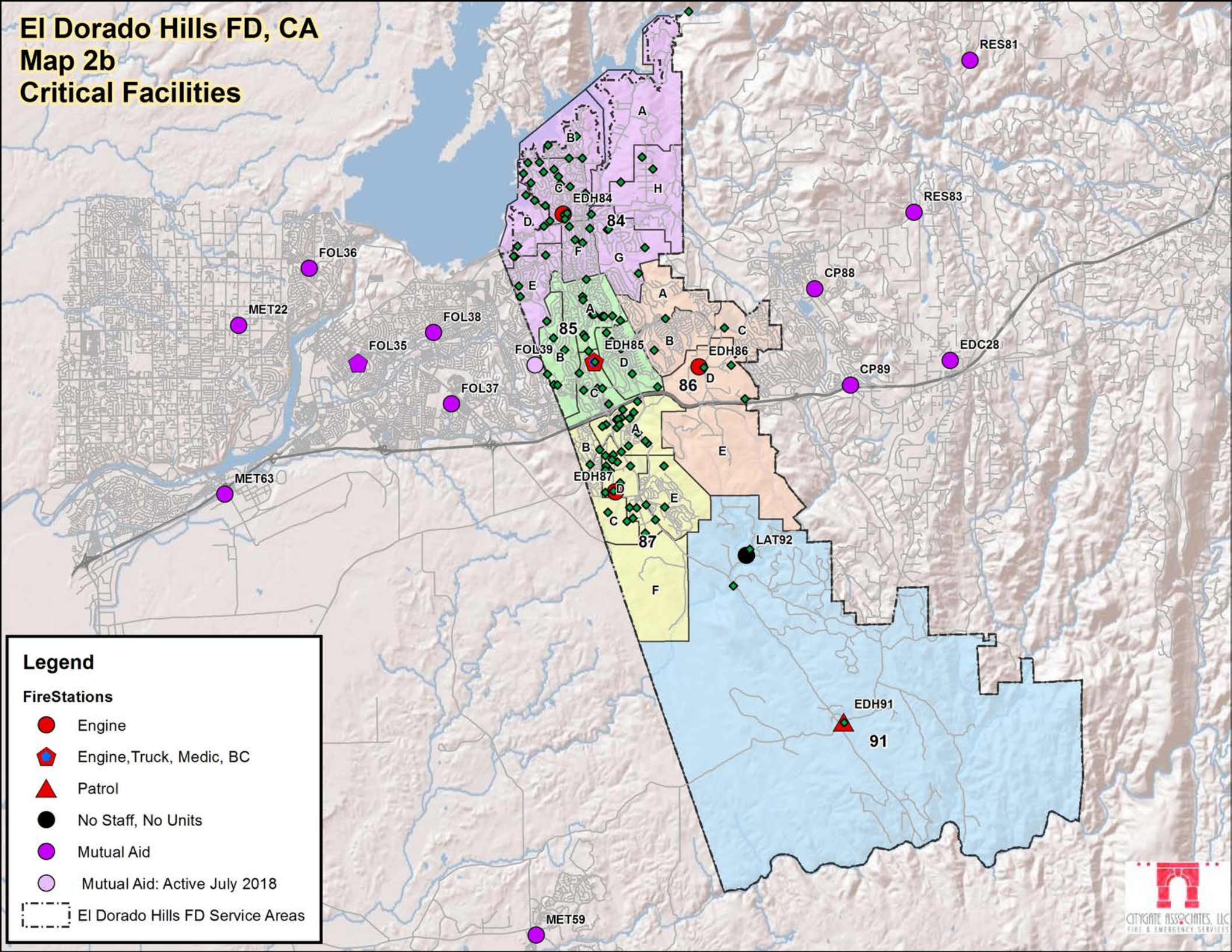
 El Dorado Hills FD Service Areas



El Dorado Hills FD, CA

Map 2b

Critical Facilities



Legend

Fire Stations

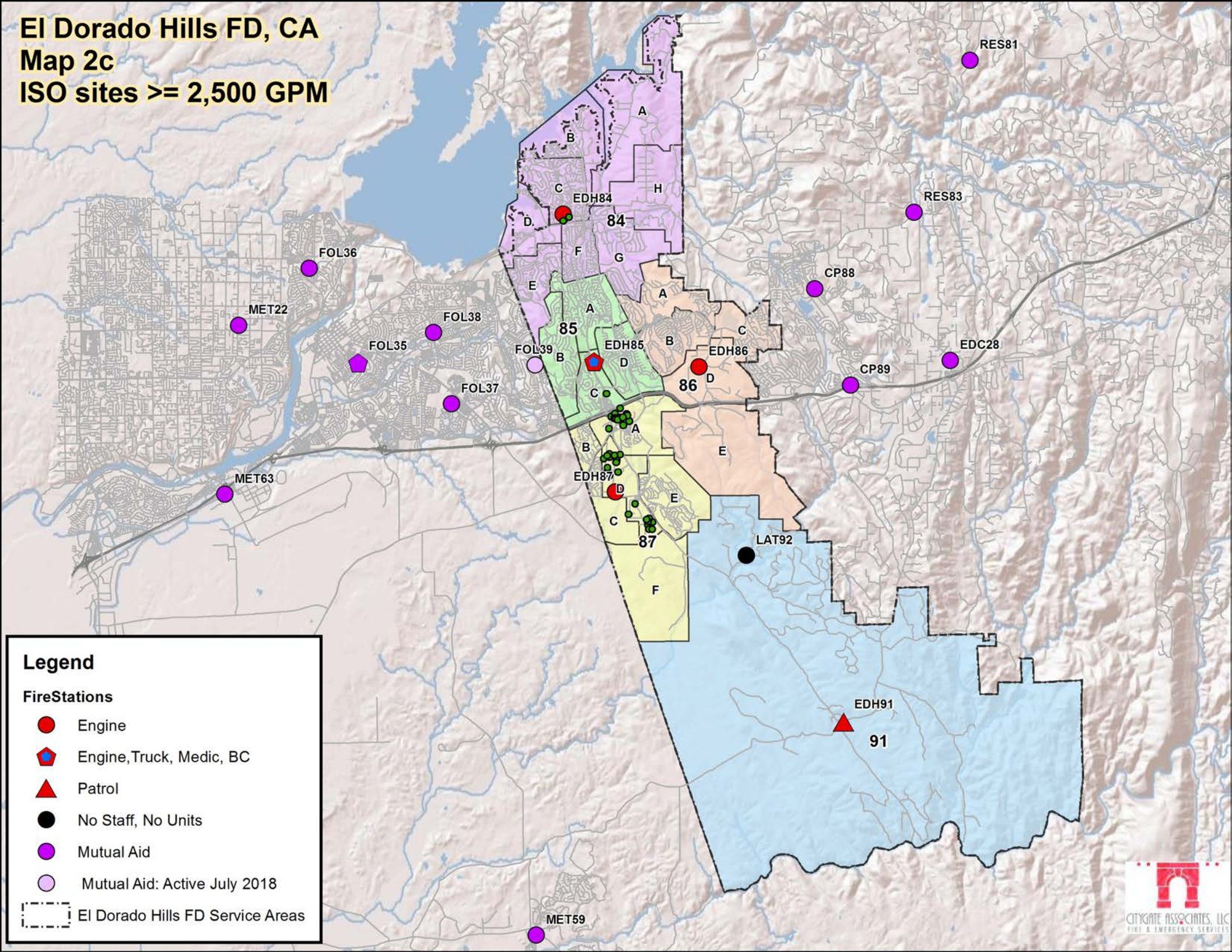
- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018

El Dorado Hills FD Service Areas

El Dorado Hills FD, CA

Map 2c

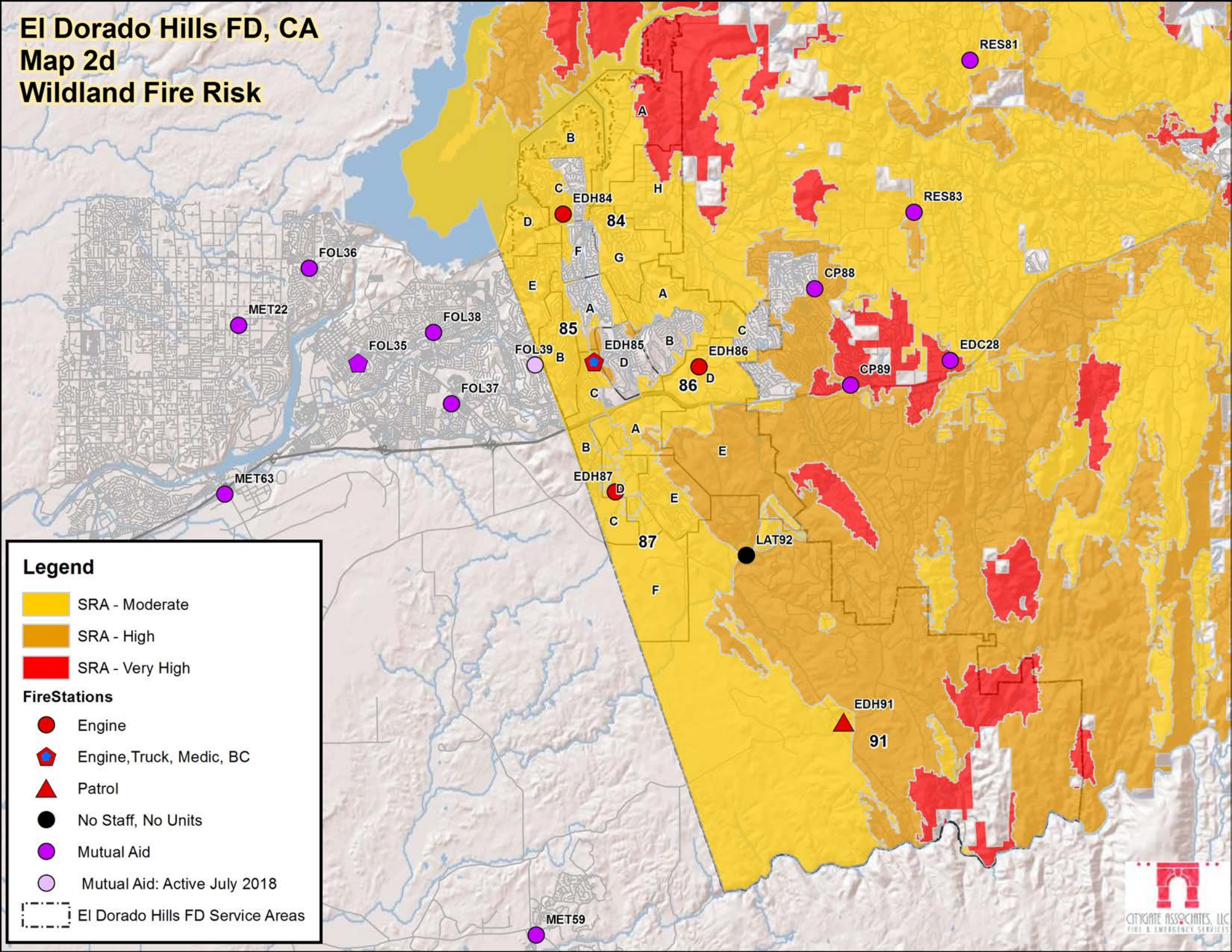
ISO sites $\geq 2,500$ GPM



El Dorado Hills FD, CA

Map 2d

Wildland Fire Risk



Legend

- SRA - Moderate
- SRA - High
- SRA - Very High

Fire Stations

- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018
- El Dorado Hills FD Service Areas

El Dorado Hills FD, CA

Map 2e

EMS Risk

Legend

Population per Square Mile

< 500

501 - 1,000

1,001 - 1,500

1,501 - 2,500

2,501 - 5,000

FireStations

● Engine

⬮ Engine, Truck, Medic, BC

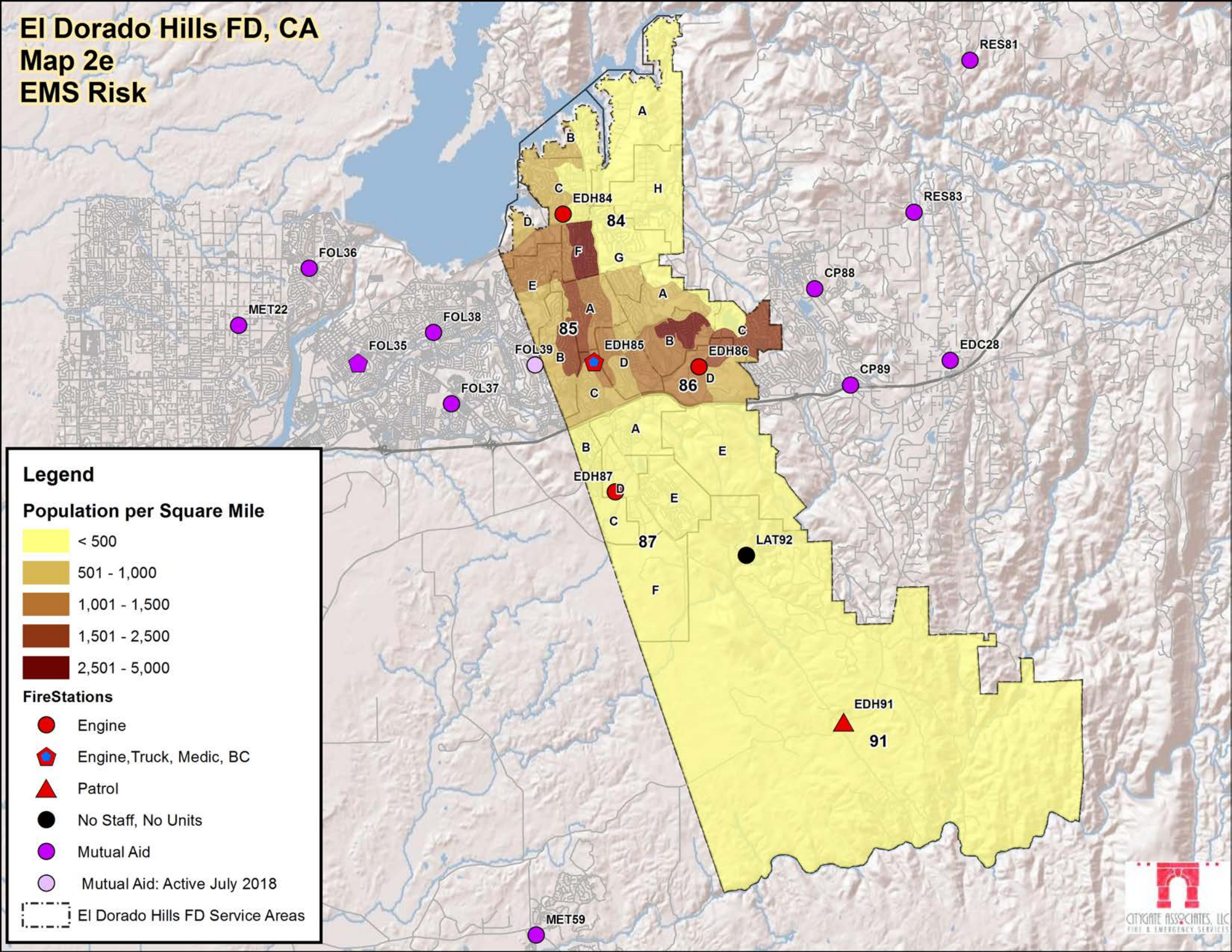
▲ Patrol

● No Staff, No Units

● Mutual Aid

○ Mutual Aid: Active July 2018

⋯ El Dorado Hills FD Service Areas

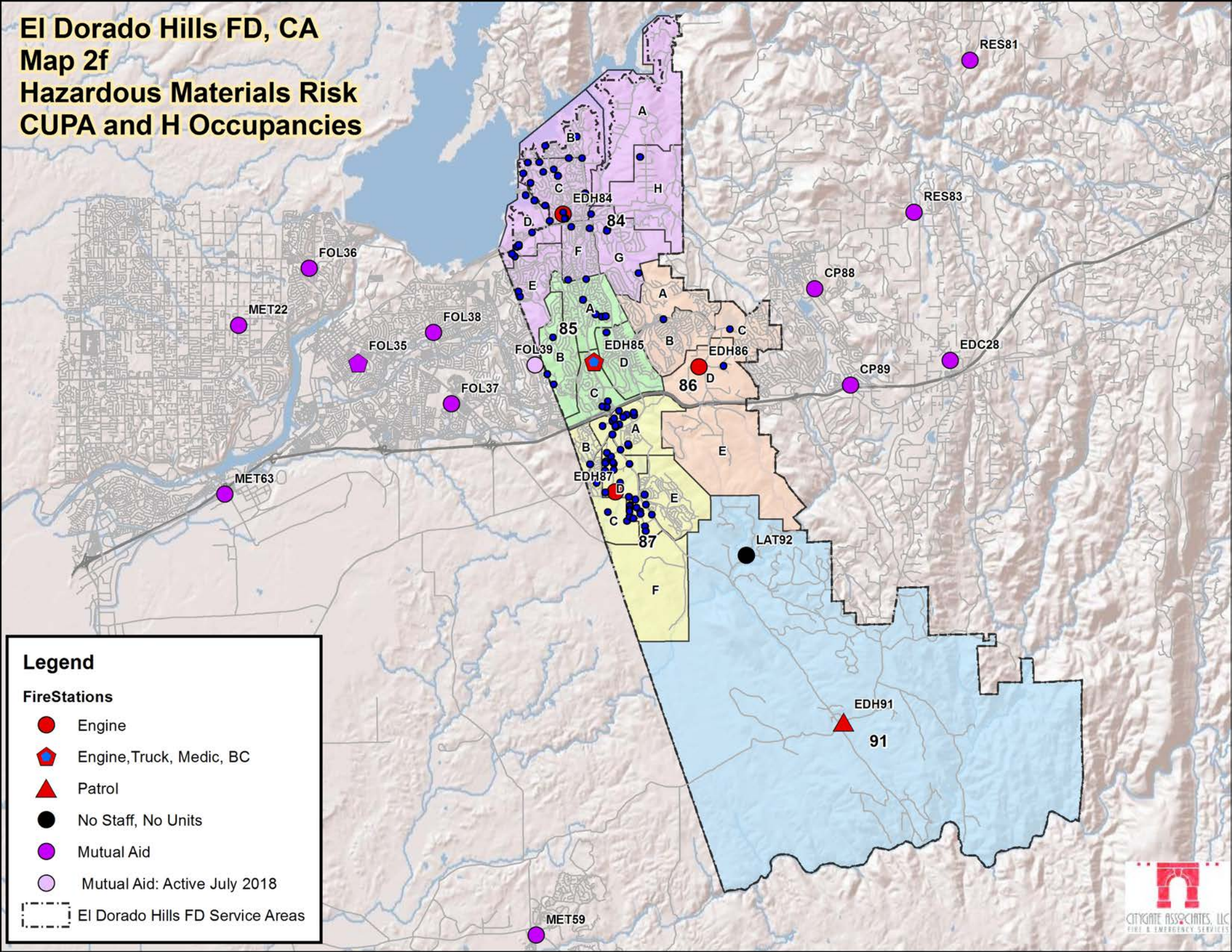


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Map 2f

Hazardous Materials Risk

CUPA and H Occupancies



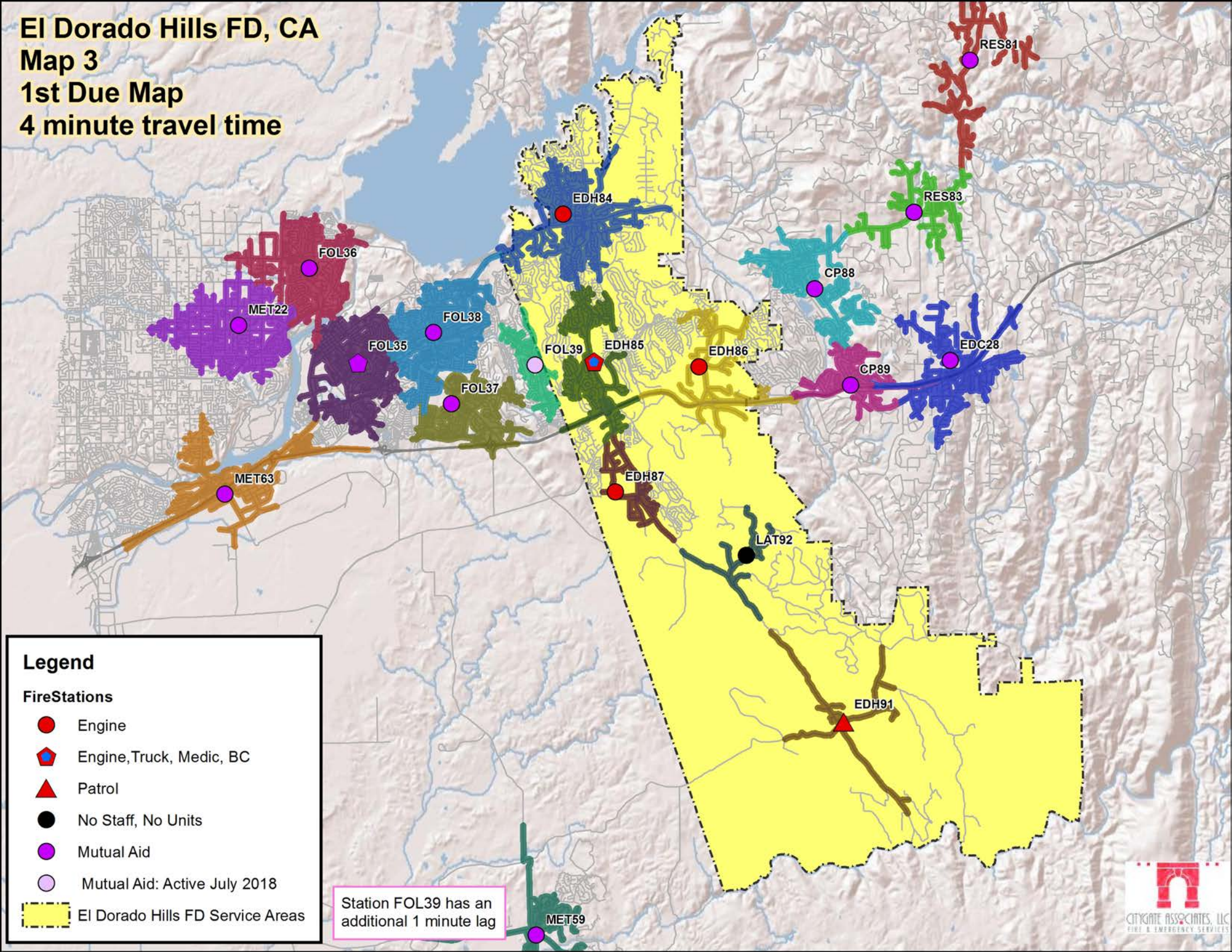
Legend

Fire Stations

- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018

El Dorado Hills FD Service Areas

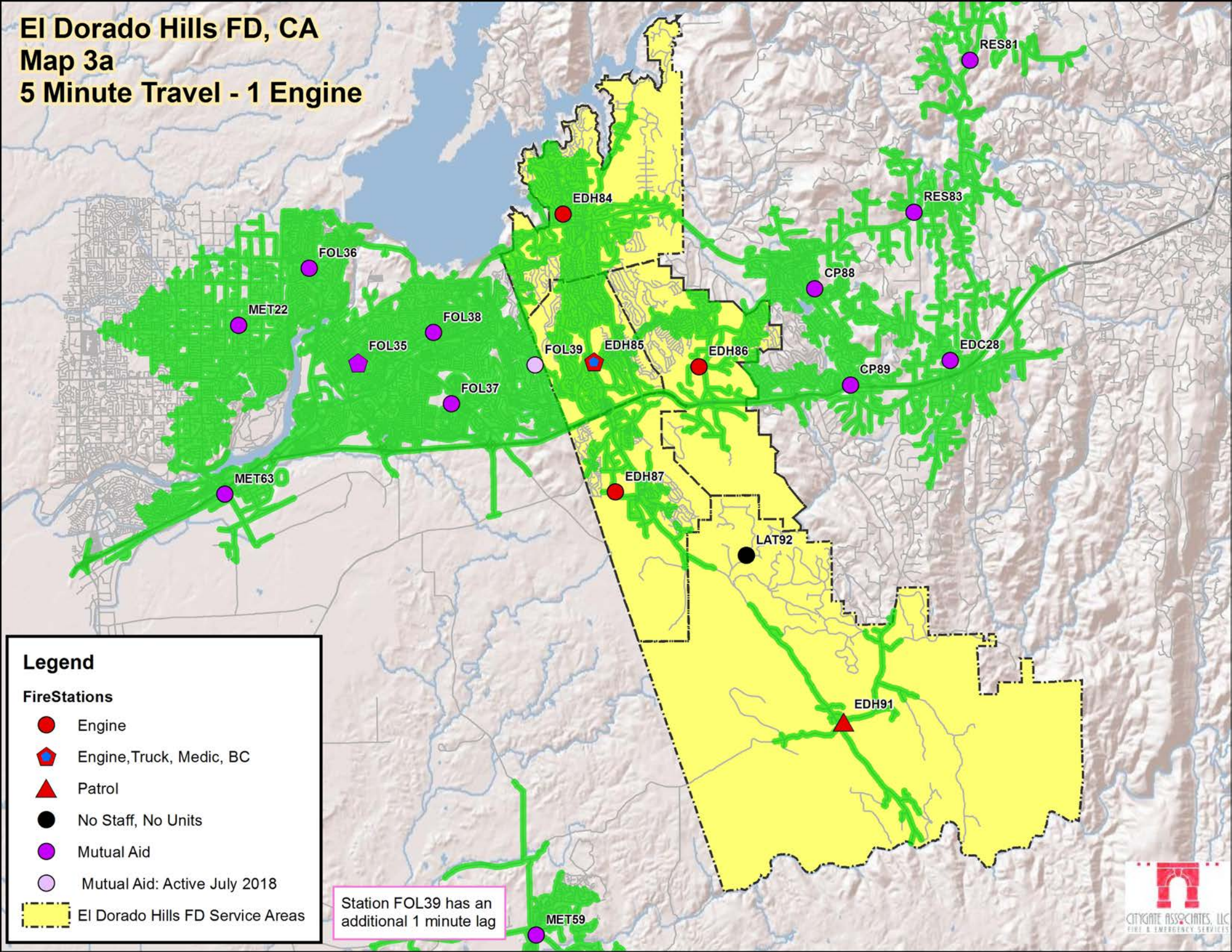
El Dorado Hills FD, CA
Map 3
1st Due Map
4 minute travel time



El Dorado Hills FD, CA

Map 3a

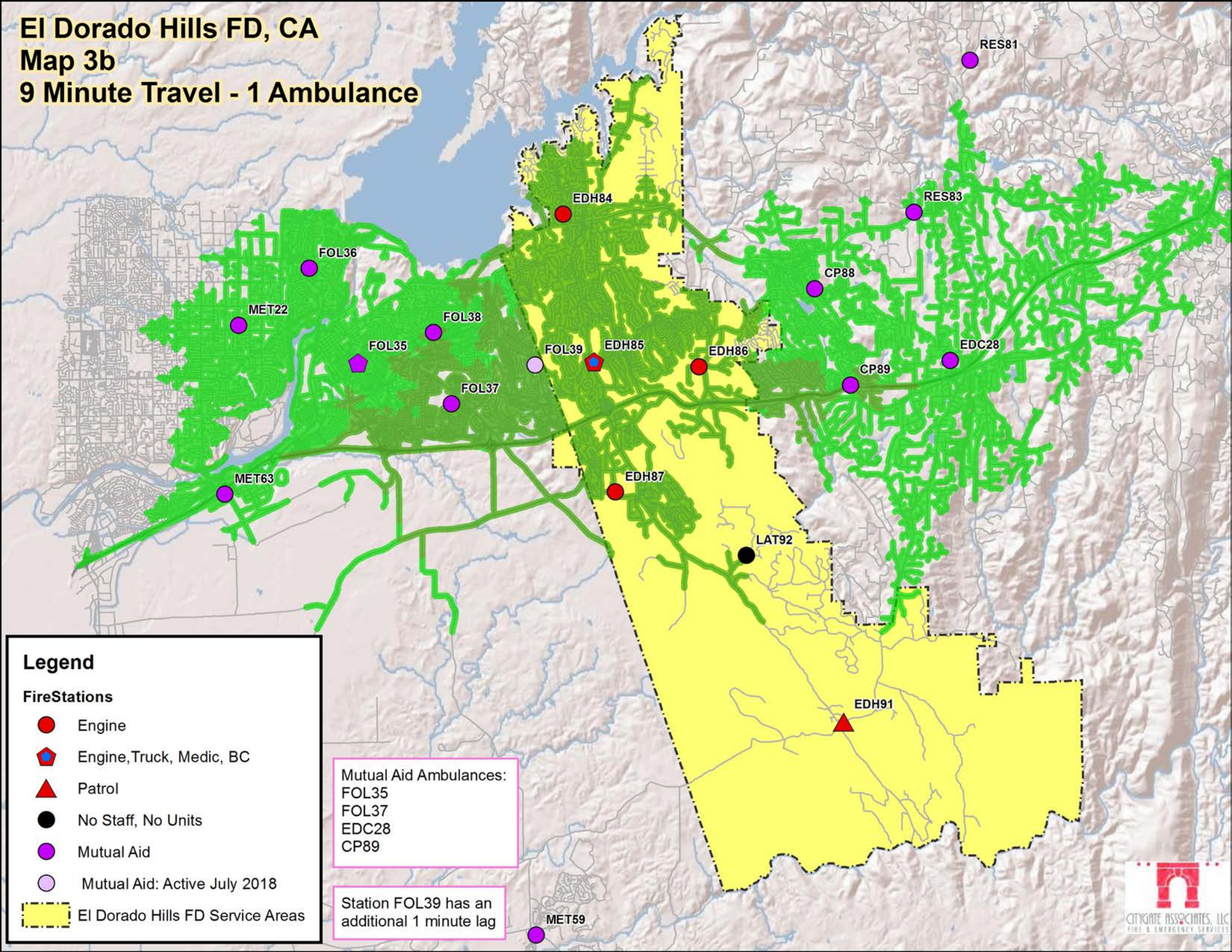
5 Minute Travel - 1 Engine



El Dorado Hills FD, CA

Map 3b

9 Minute Travel - 1 Ambulance

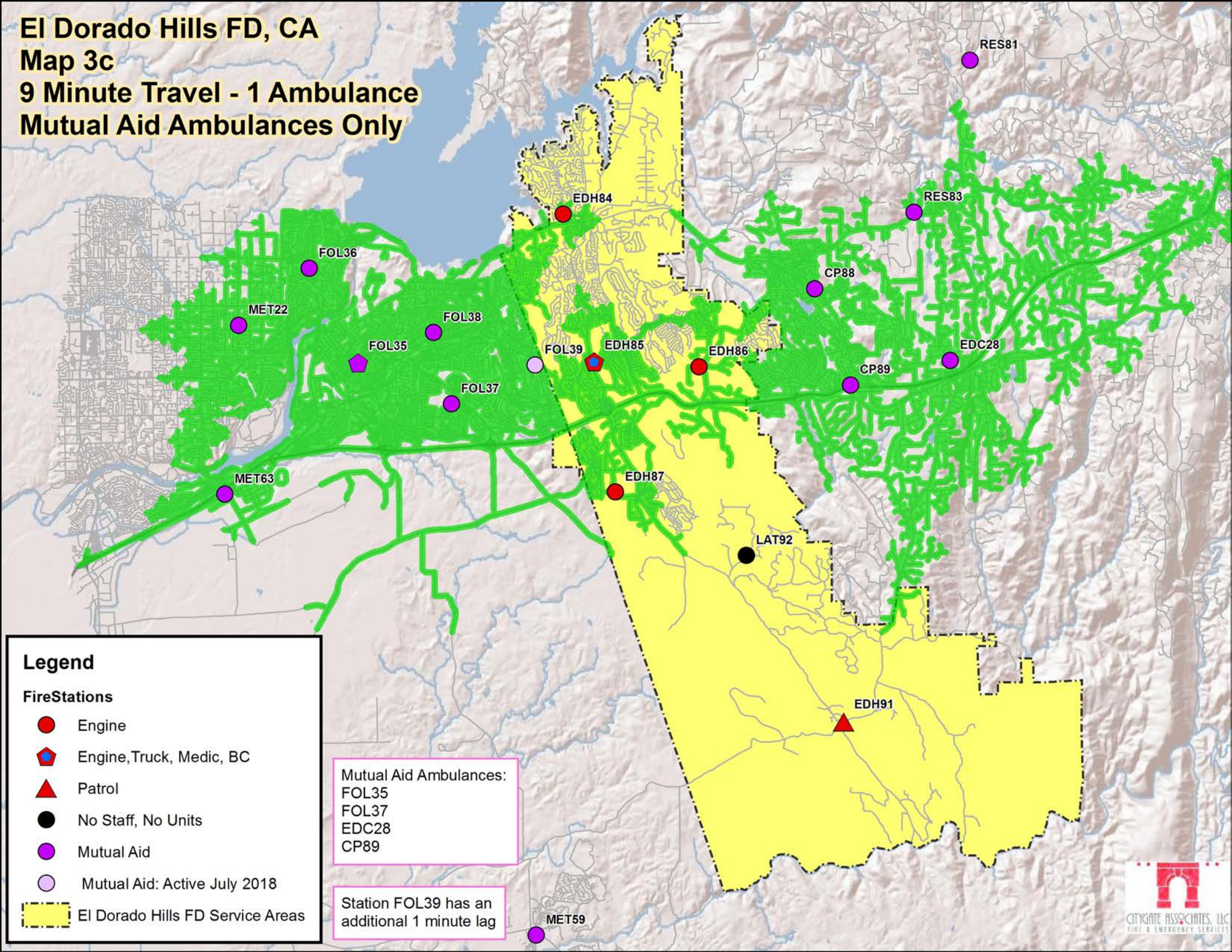


El Dorado Hills FD, CA

Map 3c

9 Minute Travel - 1 Ambulance

Mutual Aid Ambulances Only



Legend

Fire Stations

- Engine
- ⬠ Engine, Truck, Medic, BC
- ▲ Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018

El Dorado Hills FD Service Areas

Mutual Aid Ambulances:
FOL35
FOL37
EDC28
CP89

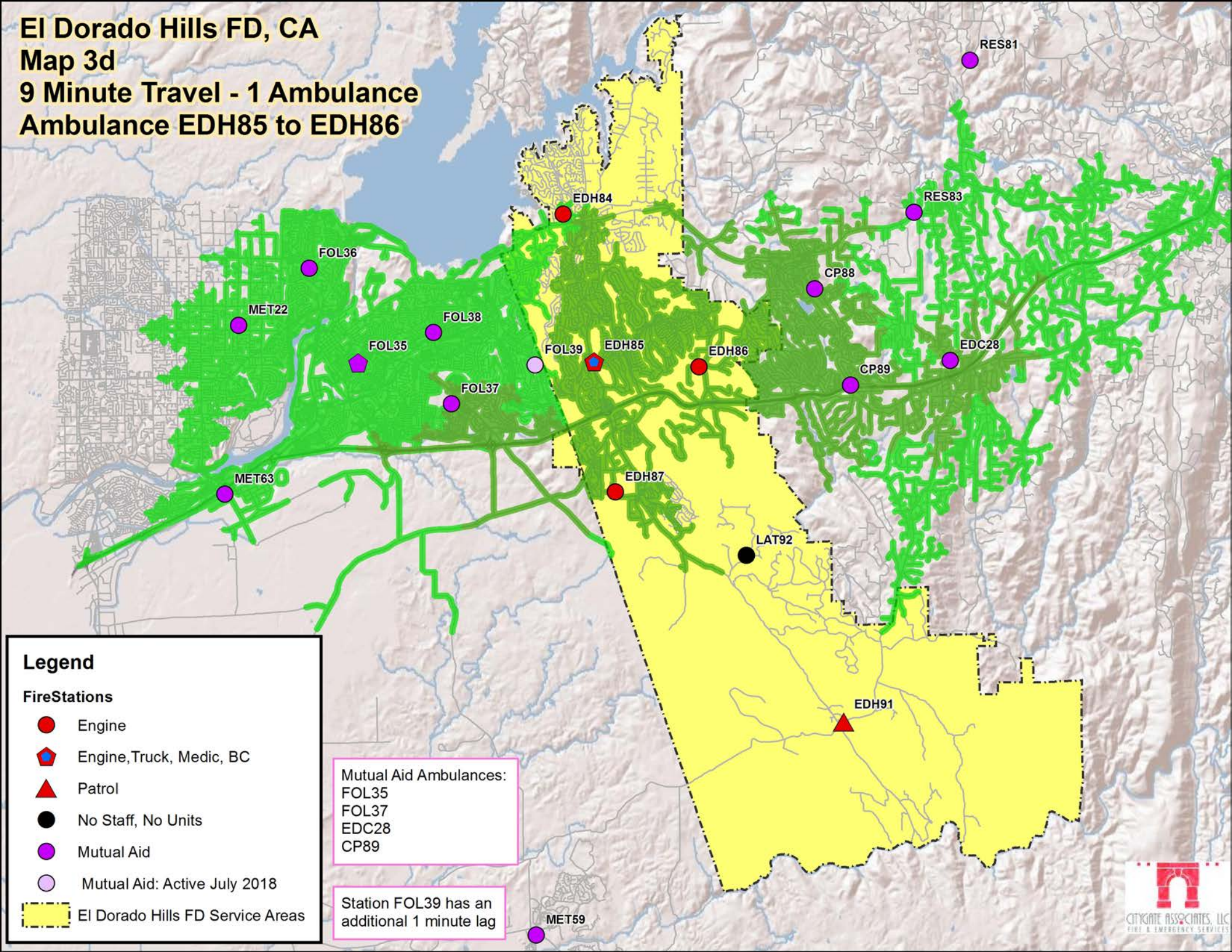
Station FOL39 has an
additional 1 minute lag

El Dorado Hills FD, CA

Map 3d

9 Minute Travel - 1 Ambulance

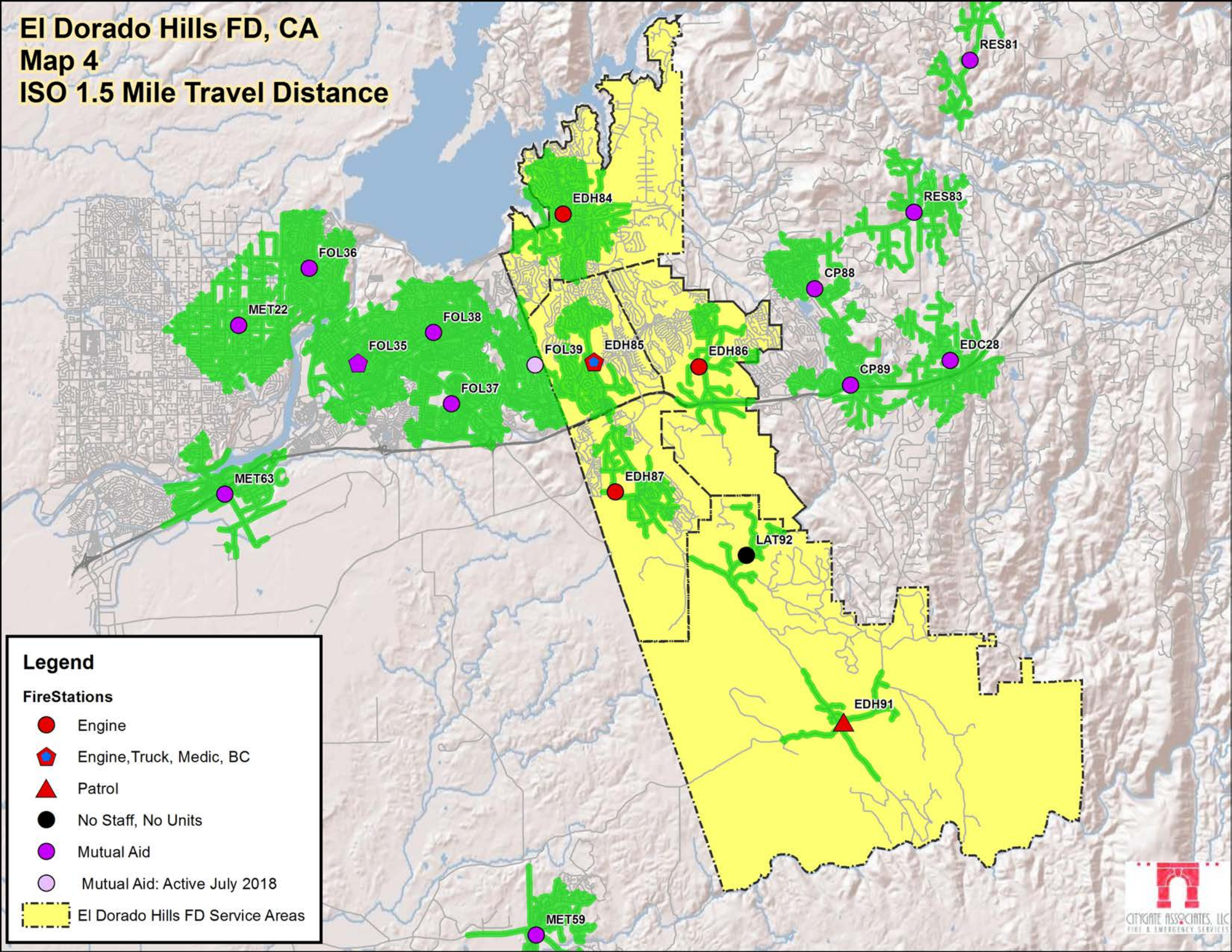
Ambulance EDH85 to EDH86



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Map 4

ISO 1.5 Mile Travel Distance



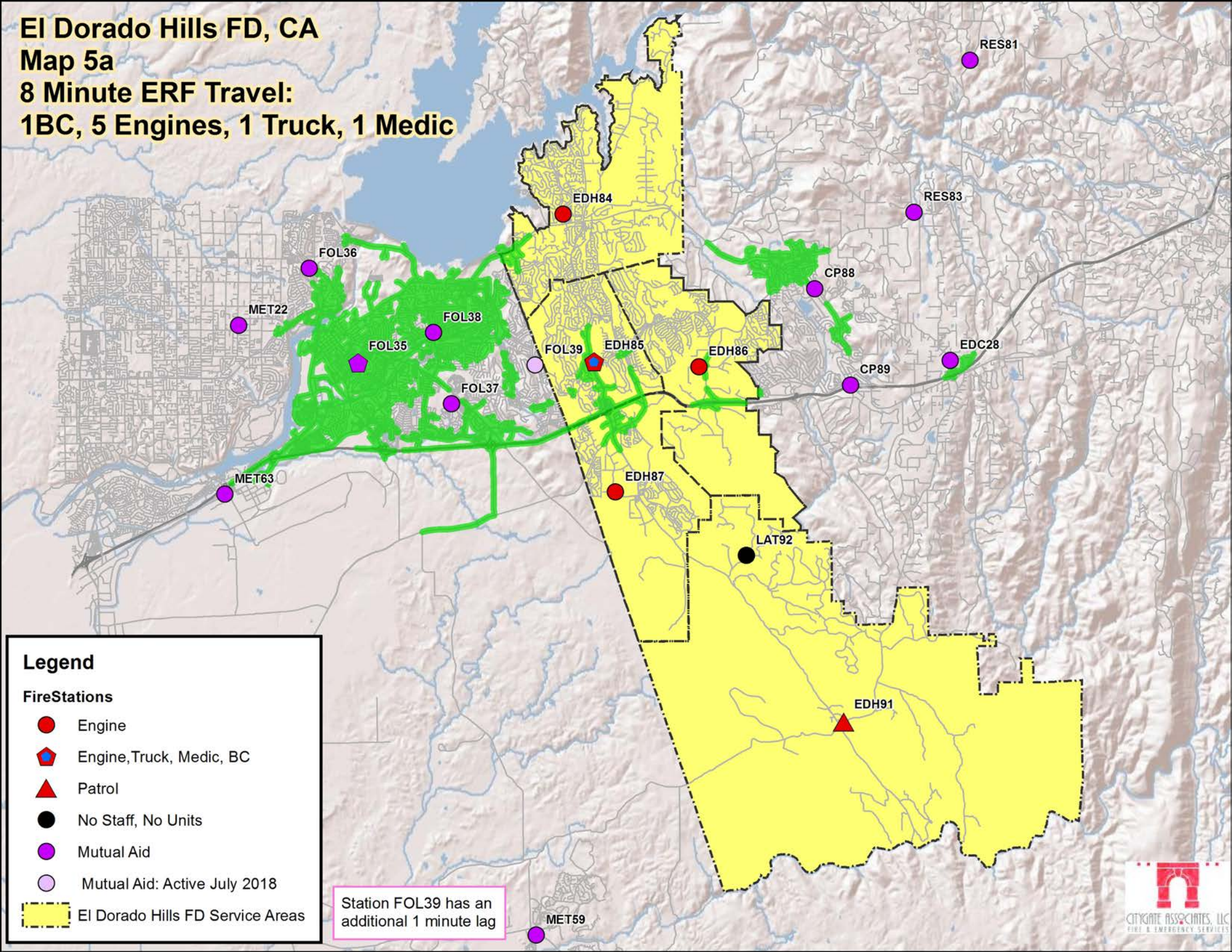
Legend

Fire Stations

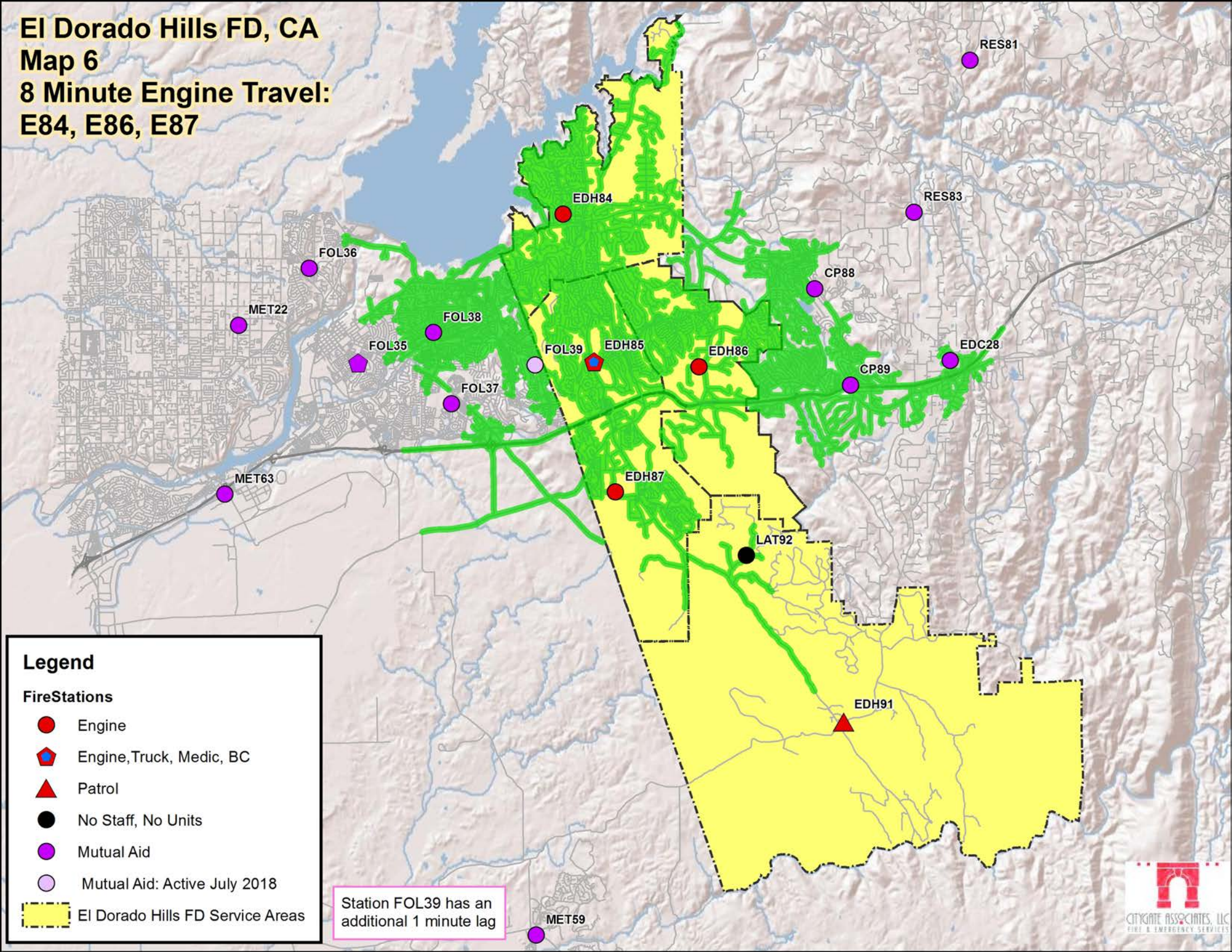
- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018

El Dorado Hills FD Service Areas

El Dorado Hills FD, CA
Map 5a
8 Minute ERF Travel:
1BC, 5 Engines, 1 Truck, 1 Medic



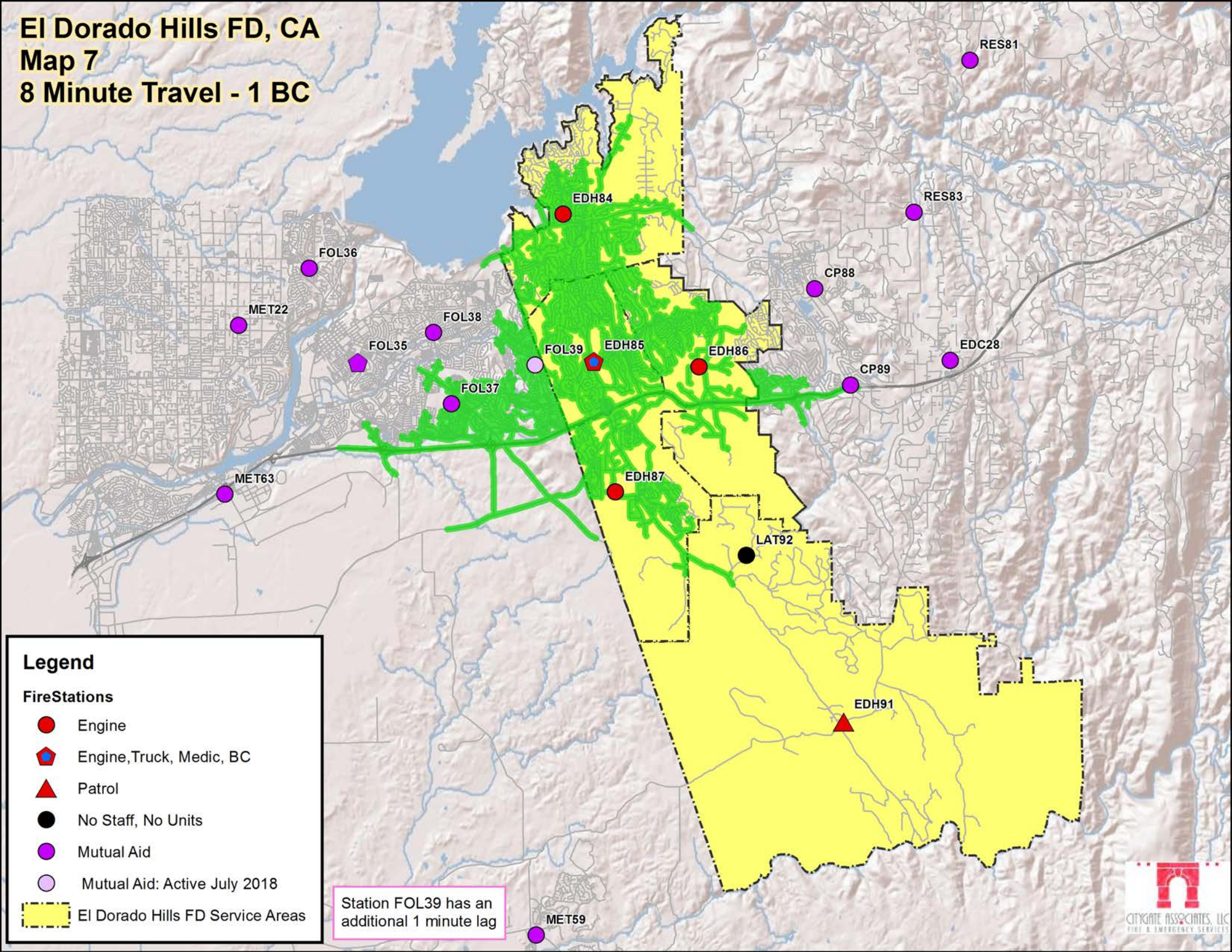
El Dorado Hills FD, CA
Map 6
8 Minute Engine Travel:
E84, E86, E87



El Dorado Hills FD, CA

Map 7

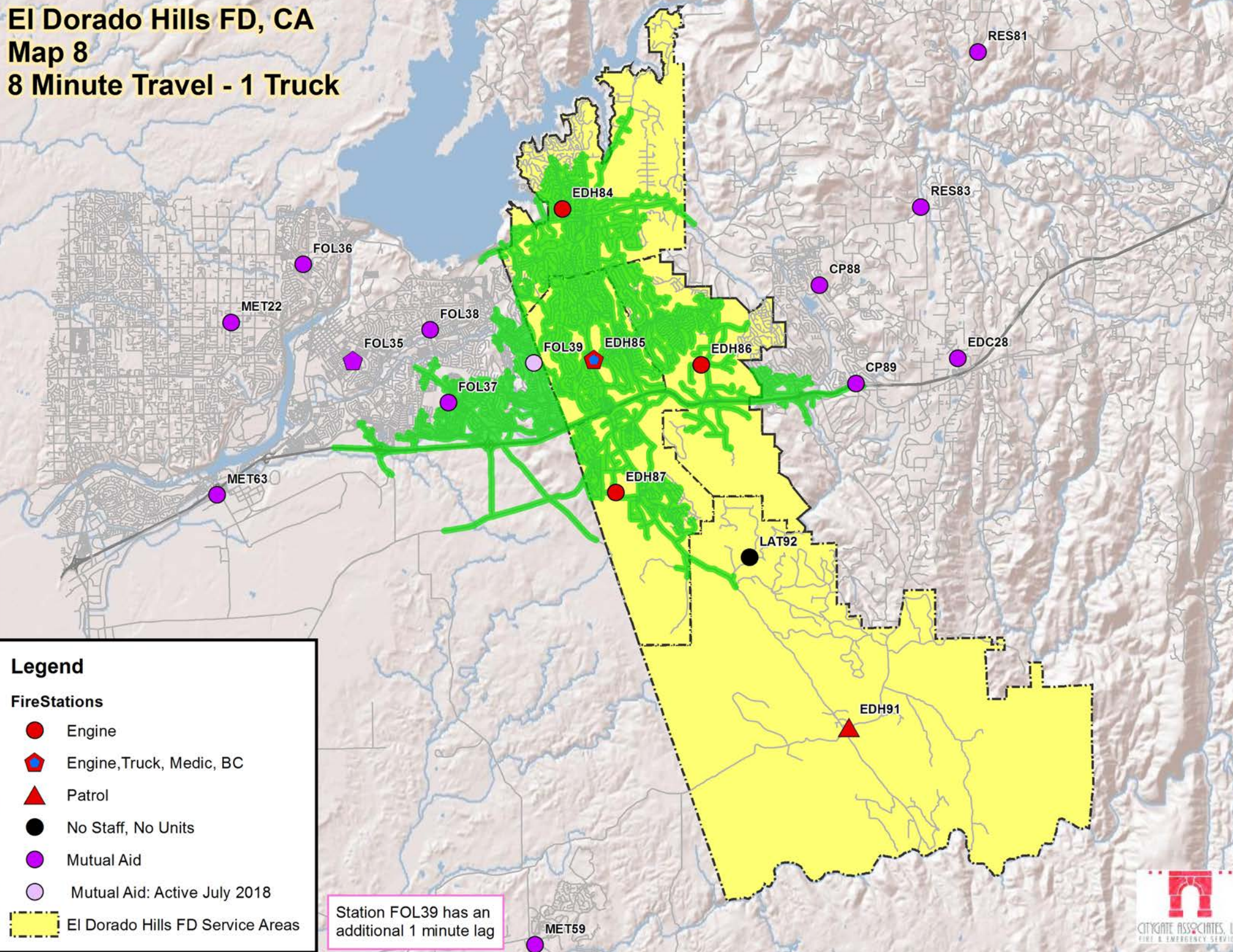
8 Minute Travel - 1 BC



El Dorado Hills FD, CA

Map 8

8 Minute Travel - 1 Truck

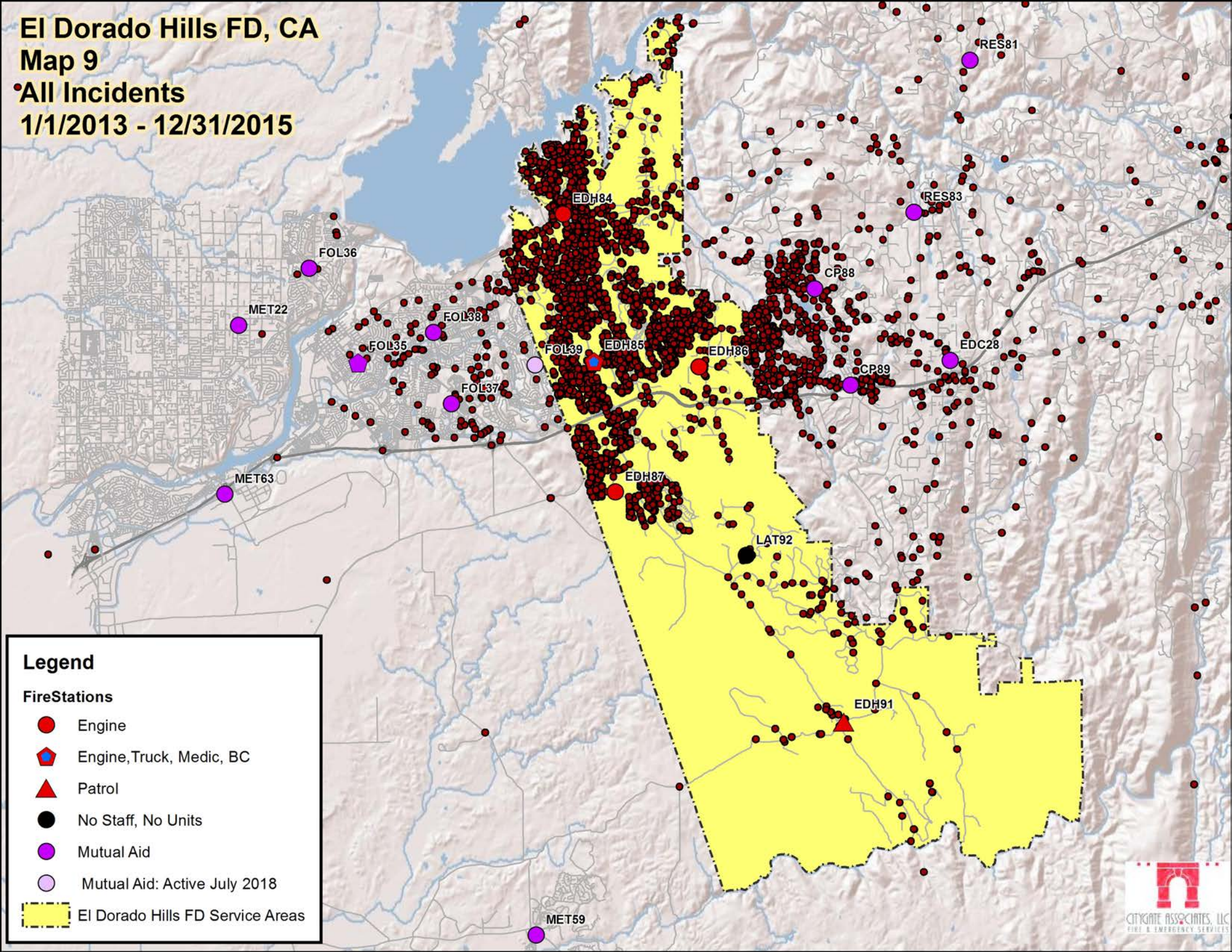


El Dorado Hills FD, CA

Map 9

All Incidents

1/1/2013 - 12/31/2015



Legend

Fire Stations

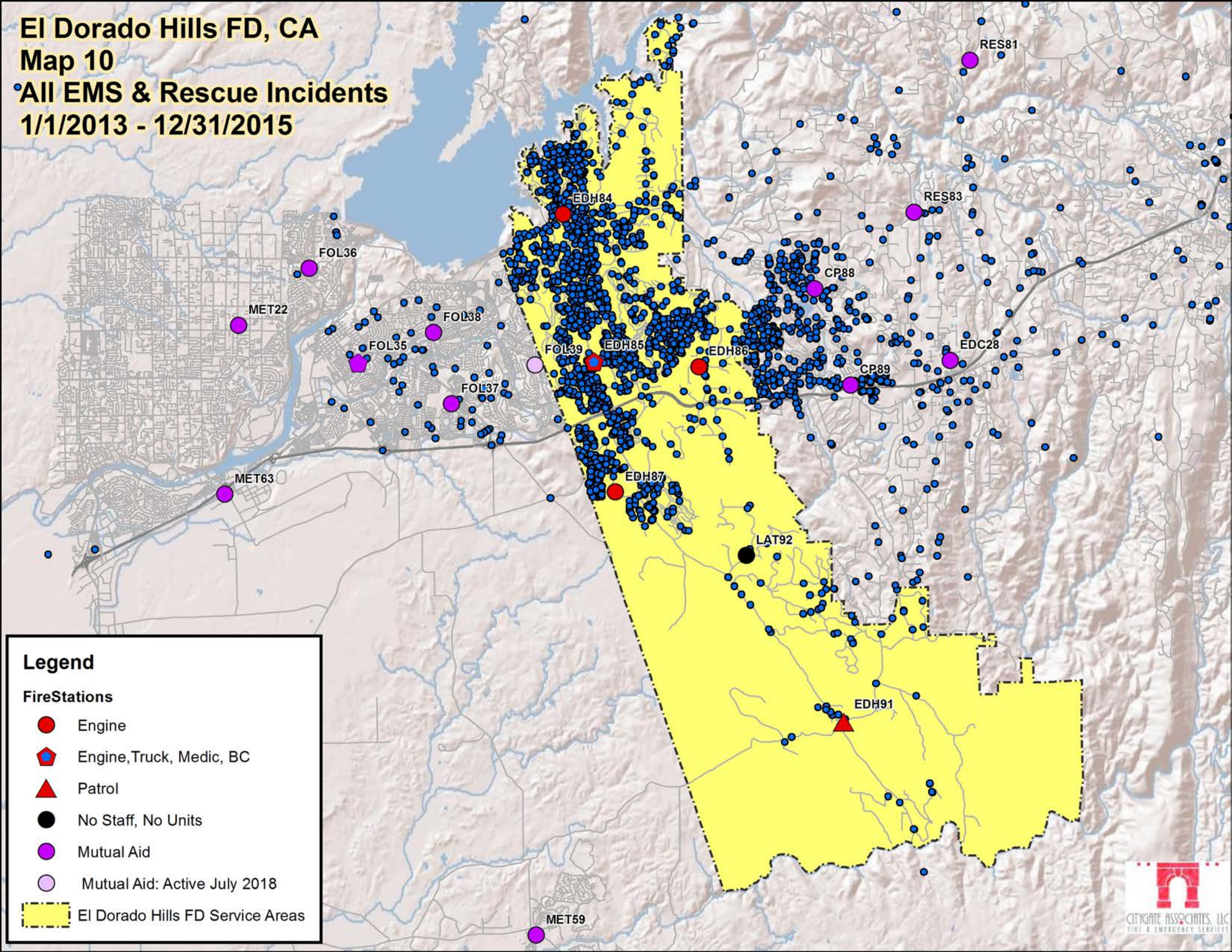
- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018
- El Dorado Hills FD Service Areas

El Dorado Hills FD, CA

Map 10

All EMS & Rescue Incidents

1/1/2013 - 12/31/2015

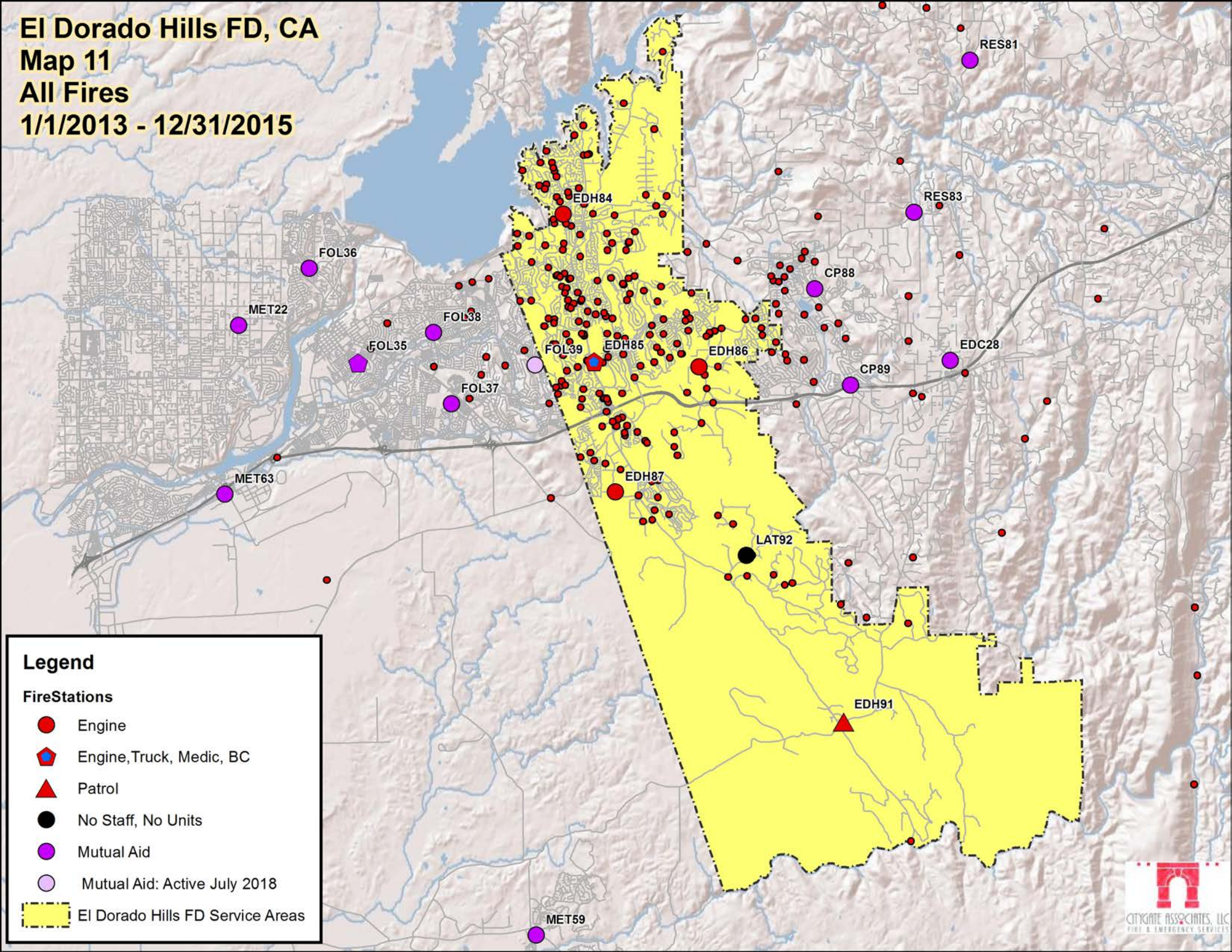


El Dorado Hills FD, CA

Map 11

All Fires

1/1/2013 - 12/31/2015



Legend

Fire Stations

- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018

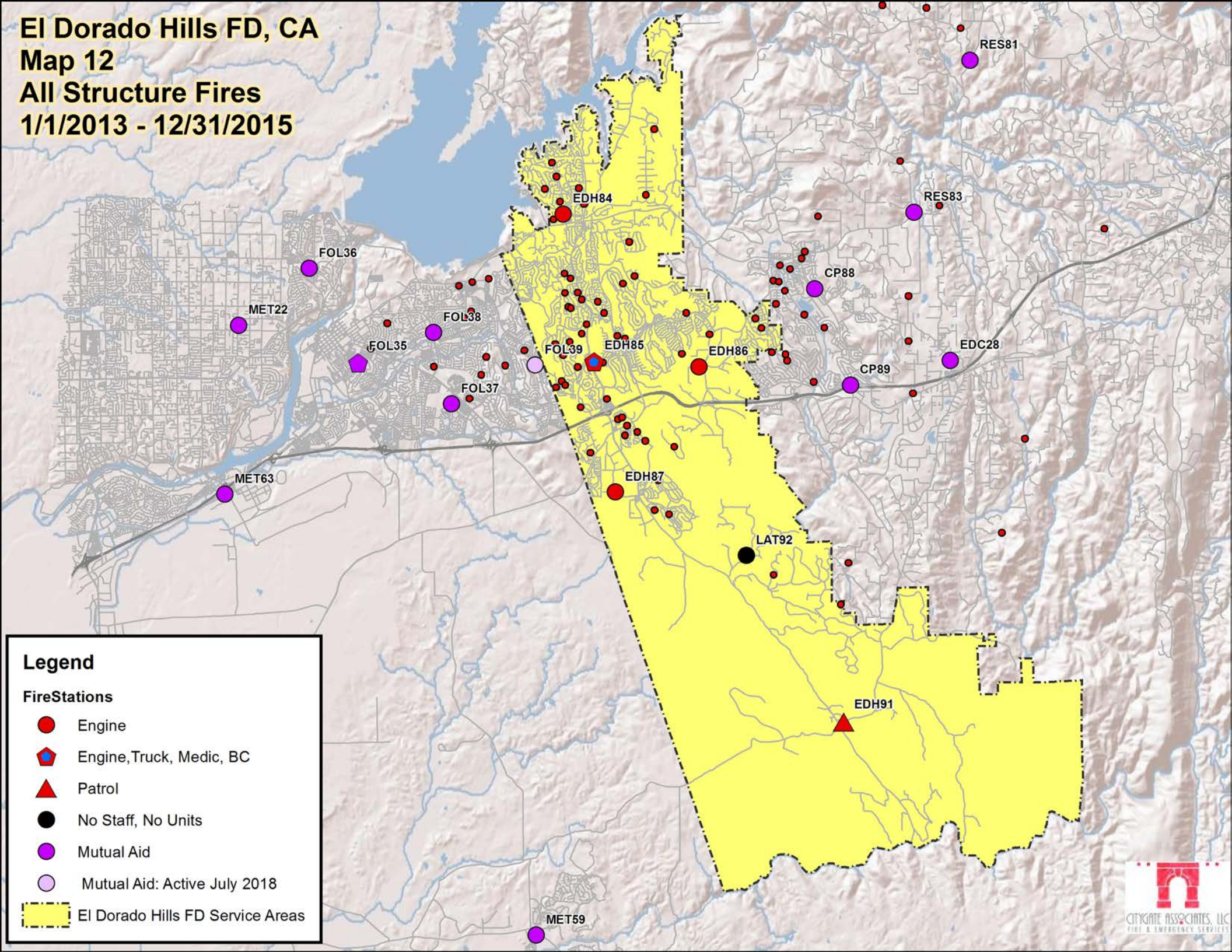
El Dorado Hills FD Service Areas

El Dorado Hills FD, CA

Map 12

All Structure Fires

1/1/2013 - 12/31/2015

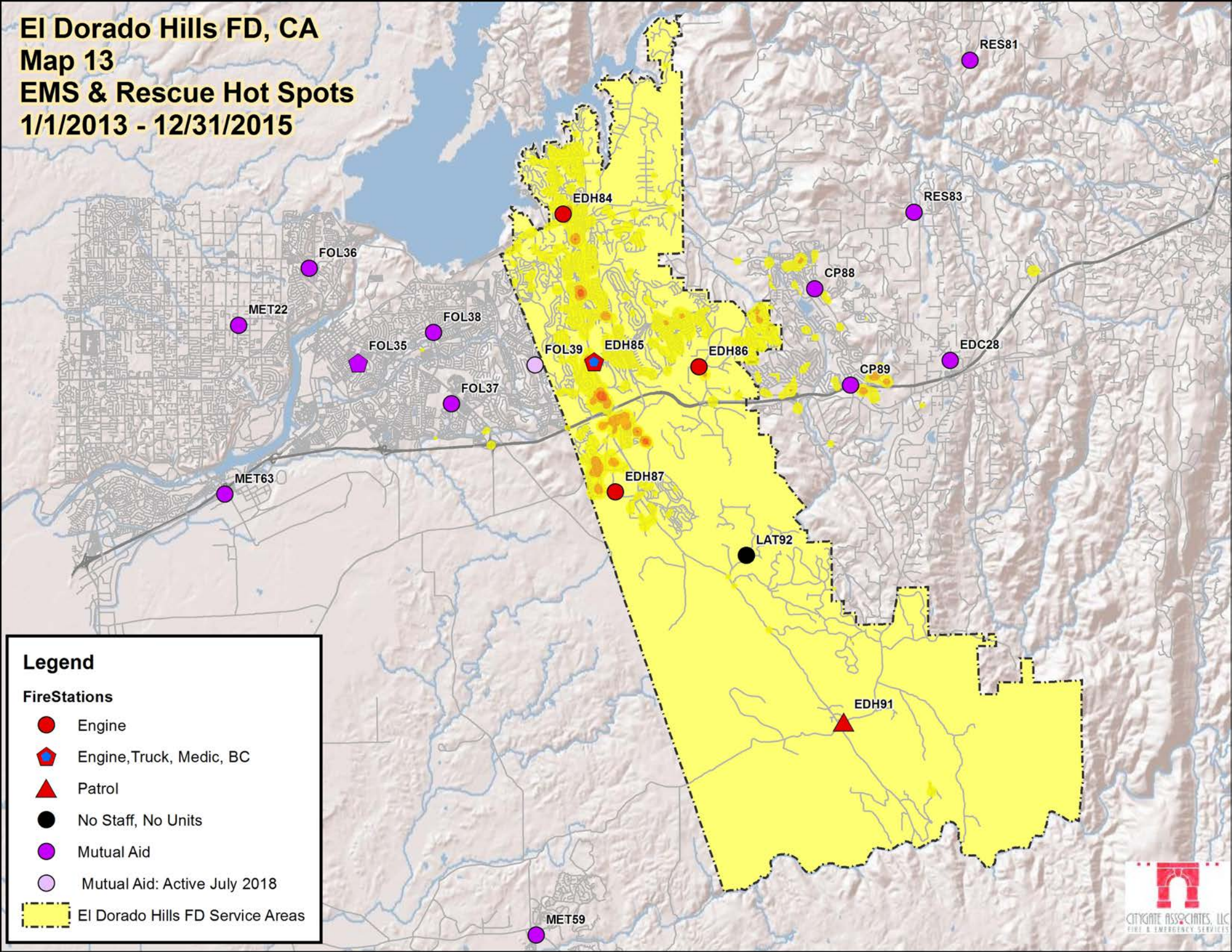


El Dorado Hills FD, CA

Map 13

EMS & Rescue Hot Spots

1/1/2013 - 12/31/2015



Legend

Fire Stations

- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018

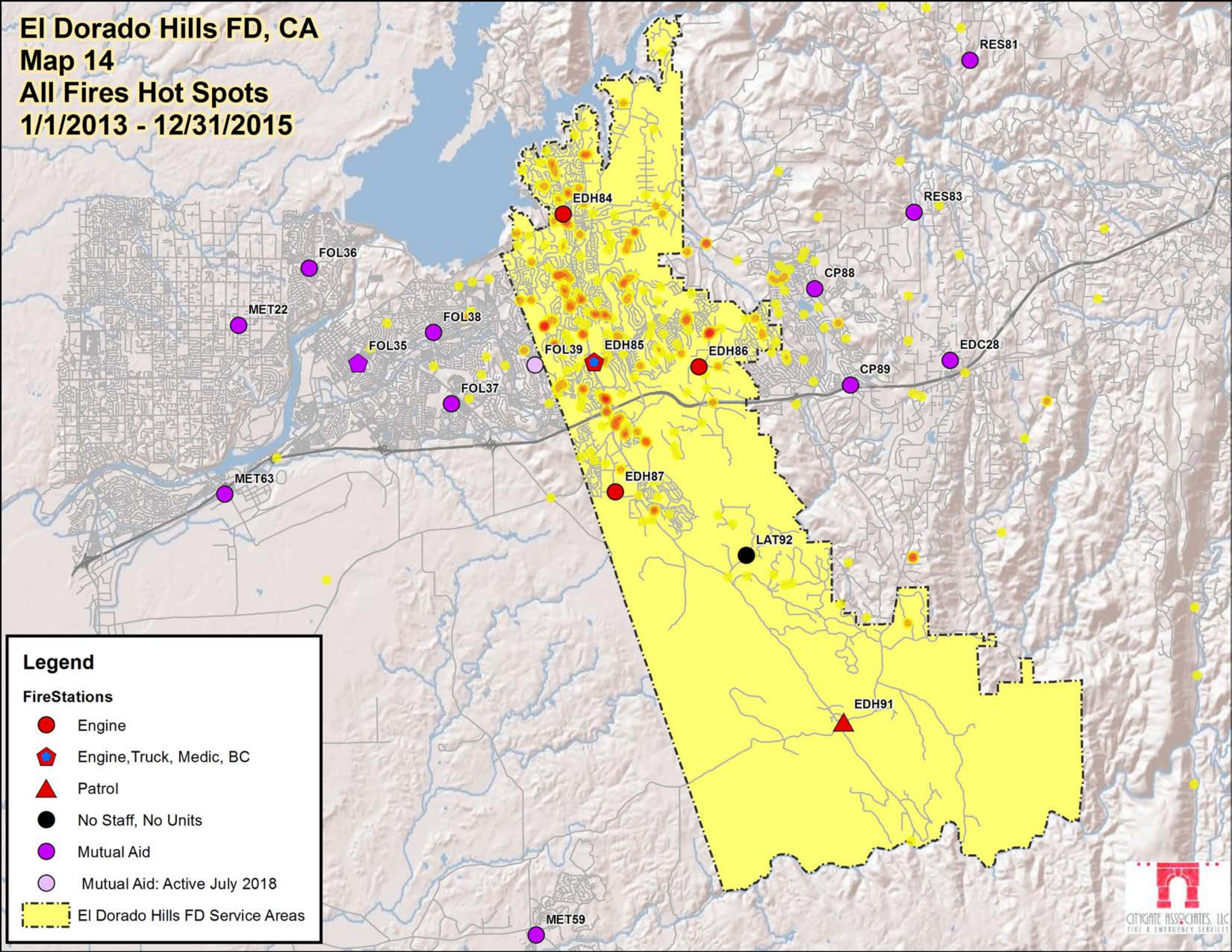
El Dorado Hills FD Service Areas

El Dorado Hills FD, CA

Map 14

All Fires Hot Spots

1/1/2013 - 12/31/2015



Legend

Fire Stations

- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018

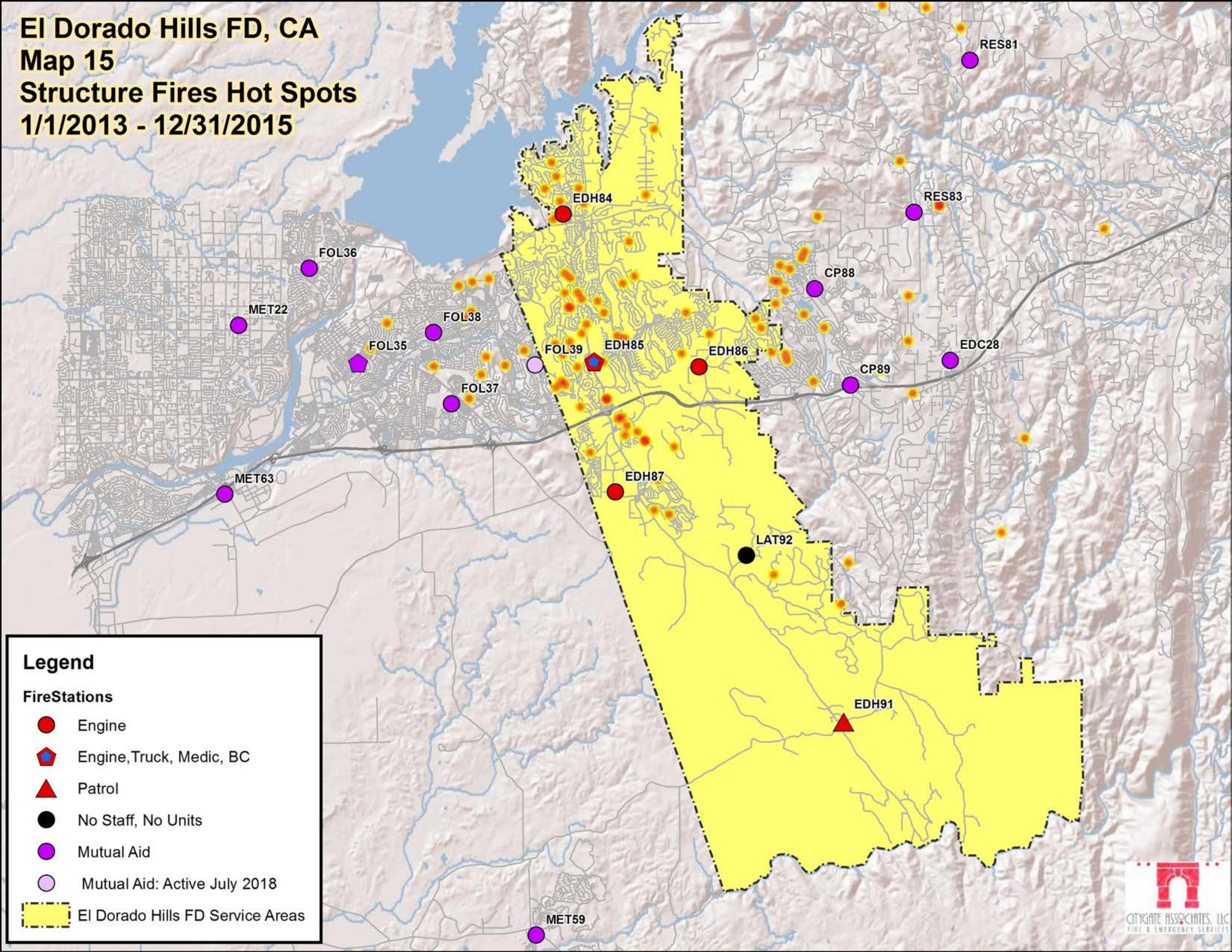
El Dorado Hills FD Service Areas

El Dorado Hills FD, CA

Map 15

Structure Fires Hot Spots

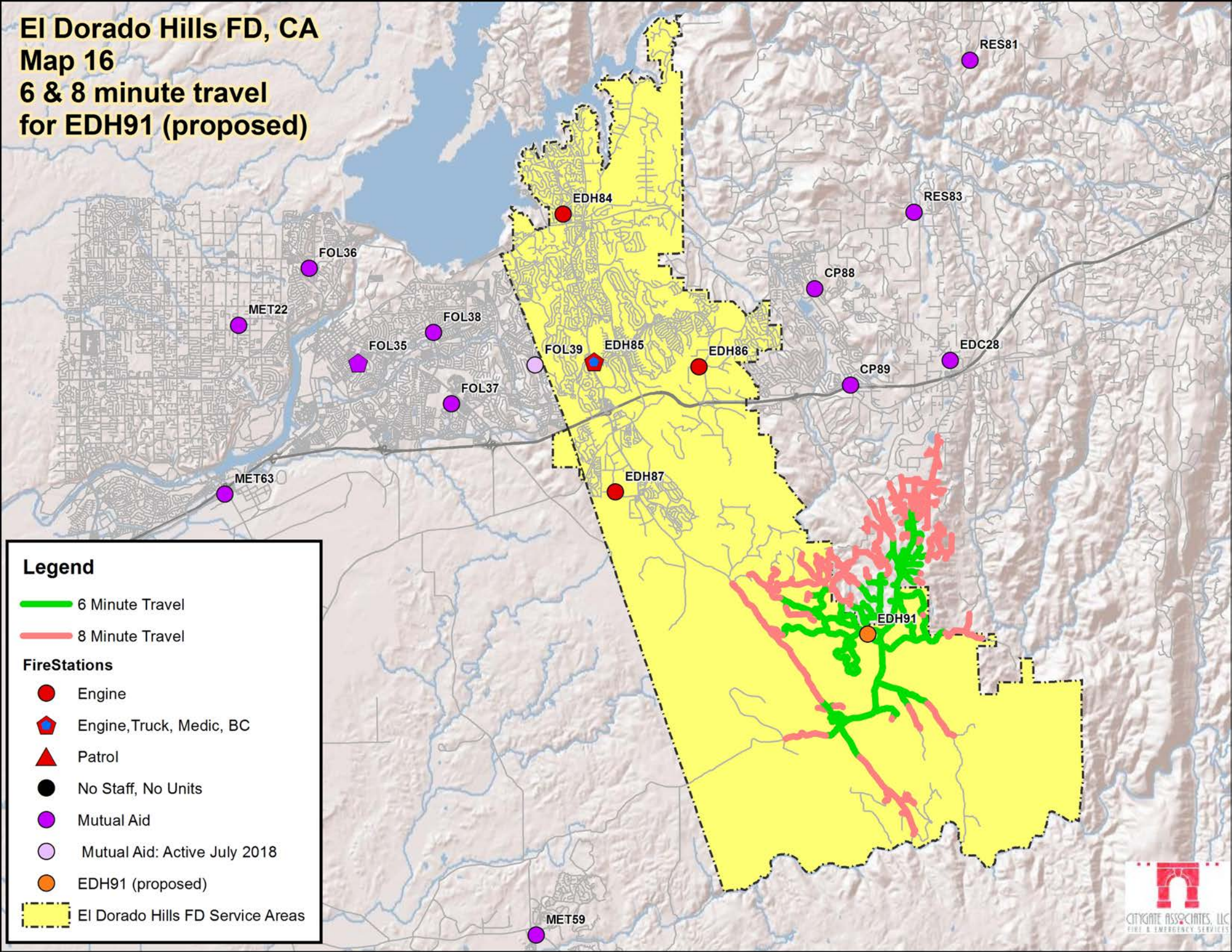
1/1/2013 - 12/31/2015



El Dorado Hills FD, CA

Map 16

6 & 8 minute travel for EDH91 (proposed)



El Dorado Hills FD, CA
Map 17
4, 5, 6, 7, 8, 9 minute travel
Including EDH91 (proposed)
Excluding EDH91 & LAT92

Legend

- 4 Minute Travel
- 5 Minute Travel
- 6 Minute Travel
- 7 Minute Travel
- 8 Minute Travel
- 9 Minute Travel

Fire Stations

- Engine
- Engine, Truck, Medic, BC
- Patrol
- No Staff, No Units
- Mutual Aid
- Mutual Aid: Active July 2018
- EDH91 (proposed)

El Dorado Hills FD Service Areas

Station FOL39 has an additional 1 minute lag