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Operations

Branchville Pumper
Maximizes Hydrant Water
Laurel, MD
February 2008

The Fire

- Engine 811 responded on the 3rd alarm for a building fire in Laurel, MD.
- On arrival they found three vacant garden apartment buildings with heavy fire throughout all three buildings.

Initial Operations

- Engine 811 initially laid a 800' 4" supply line to the front of the fire building and began master stream operations.
- Shortly thereafter, they were able to connect to a closer hydrant and used a Humat valve and a hydrant gate valve to flow 1600 GPM off of that one hydrant.

Heavy Water Operations

- Engine 811 flowed the deck gun at 800 GPM, a handheld 3" line @ 325 GPM, and a portable monitor @ 500 GPM.
- This operation was completed while being supplied through 200' of 4", a Humat valve, and 300' of 3" off of one of the hydrant outlets.

Engine 811 at Work

Good teamwork and quick thinking allowed this engine to obtain water from a hydrant that was closer to the fire than the their original hydrant.



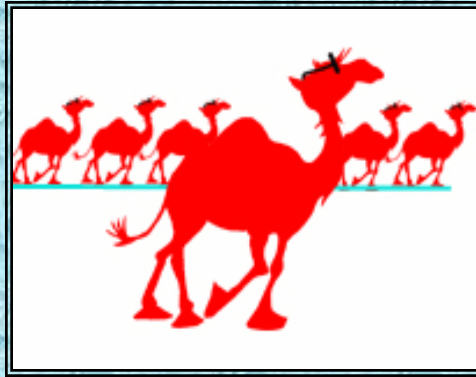
Heavy Water Hook-up



Finding a “good hydrant” at a big fire can really change your operation – but you must be ready to take multiple lines off of that hydrant.

Facts & Figures...

- By our best calculation over the 3 plus hours the company operated on the scene, they flowed close to 1/4 million gallons of water.



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