

# Volusia County Fire Services Safety Gram



Barry G. Ellis  
Battalion 20C/Safety 10

## Wild Fire Safety Part 1

### Clothing and Wildland (WL) Personal Protection Equipment (PPE)

Firefighters at a wildland fire should:

- Comply with NFPA 1977 Standard For Protective Clothing And Equipment For Firefighters.
- Wear hard hat while on the fireline.
- Wear eye and face protection whenever there is a potential danger from material being thrown back in the face.
- Use hearing protection when working with high noise-level firefighting equipment, such as chain saws and pony pumps.
- Wear flame-resistant coat and pants while on the fireline.
- Roll down coat sleeves to the wrist.
- Use leather gloves.
- Wear additional safety equipment; chaps, gloves, hard hat, eye, and hearing protection when operating chain saws, as sawyers and swampers.
- Wear dust/smoke mask when conditions present hazard.
- Wear 8-inch laced, all-leather boots with slip and melt-resistant soles and heels.
- Wear/carry fire shelter tent when on firelines.

PPE clothing will be cleaned and replaced whenever soiled, particularly with oils or other contaminants. PPE should be replaced when the fabric is worn thin as to reduce fire resistance capability of the garment.

Do not wear any clothing or undergarments made of synthetic material which can burn and/or melt on your skin.

SOG Vol. II 107.001 pg. 5 states that every second Monday, Tuesday, and Wednesday of the month all PPE and uniforms are to be inspected.

May 17, 2011

#### Dispersion level Chart

Dispersion Range 0-40 is stable air, low fire intensity, less long range spotting.

Dispersion Range 41-70 is moderate unstable air, increased fire intensity and long range spotting.

Dispersion Range 70+ is unstable air, high amount of upper lifting, intense fire activity, potential for long range spotting and plume dominated wildfires.

Fire-line Handbook Jan. '98

**F**ight fire aggressively, but provide for safety first.

**I**nitiate all action based on current and expected fire behavior.

**R**ecognize current weather conditions and obtain forecasts.

**E**nsure instructions are given and understood.

**O**btain current information on status.

**R**emain in communication with crewmembers, your supervisor, and adjoining forces.

**D**etermine safety zones and escape routes.

**E**stablish lookouts in potentially hazardous situations.

**R**emain in control at all times.

**S**tay alert, keep calm, act decisively.

NWCG Handbook 3