PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT PPE

WHAT TO WEAR DURING A WILDFIRE EVACUATION

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WILDFIRE EVACUATION



MULTIPLE THREATS EXIST THAT CAN AFFECT YOUR ABILTY TO ESCAPE A WILDFIRE

AND AFFECT YOUR ABLILITY TO STAY CALM, THINK CLEARLY, AND TO BE ABLE TO REACT APPROPRIATELY WHEN YOU CAN'T

SEE, BREATHE, KEEP MOVING, OR NEED TO SEEK TEMPORARY SAFETY REFUGE OR SHELTER SHOULD YOU HAVE TO LEAVE YOUR RESIDENCE OR VEHICLE AND THE FIRE IS MOVING RAPIDLY THROUGH THE AREA.

DURING EVACUATION YOU MAY ENCOUNTER

WILDFIRE CONDITIONS AND THREATS DANGEROUS TO LIFE AND HEALTH

MULTIPLE THREATS THAT CAN AFFECT YOUR ABILTY TO ESCAPE A WILDFIRE:

When evacuating from wildfire areas citizens need to be prepared to face a hostile and life-threatening environment where they can be exposed to:

HIGH AMBIENT TEMPS DRY HEAT 90-100+ Degrees F CONVECTED HEAT DIRECT FLAME CONTACT **HEAVY SMOKE** HOT OBJECTS SEARING HOT WIND DIFFICULTY BREATING **EMBERS OR FIREBRANDS** ASH, DUST **FLYING DEBRIS** NIGHTTIME or LIMITED VISIBLITY in Heavy Smoke **BLOCKED ROAD OR ROUTE** DOWNED POWER LINES **DOWNED TREES** VEHICLES DRIVING THROUGH SMOKE PANICKED CITIZENS, UNPREDICTABLE BEHAVIOR

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Safety recommendations for citizens during wildfire evacuation and possible entrapment situations during evacuation.

(these are recommendations only and do not make any claim or guarantee anyone's degree of personal safety or use of any products during a wildfire emergency evacuation.)



HEADWEAR

HAT with chin strap or tie, preferably with a neck covering to prevent embers.



Wide-Brimmed, Firm Shape not easily blown flat

Or HELMET with chin strap Can use Construction Helmet



EYES Use Goggles with adjustable strap. Enclosed type, padded



Influx_FirePro_FS_Goggles



ESS Firefighter_Rubber_Goggles_Smokeless

I. RESPIRATORY PROTECTION PROTECT YOUR AIRWAY FROM SMOKE-DUST-FUMES

FACE MASK DUST MASK









A. HANDS GLOVES LEATHER GLOVES with WRIST COVER (best)





NORTH STAR WILDLAND GLOVES



B. UPPER BODY PROTECTION JACKET OR OVERCOAT Long-Sleeve SHIRT Long-Sleeve

Multiple Layers Best



Materials -No Synthetics

- LEATHER Jacket (Lightweight)
- COTTON Burns, will not melt (Flame Resistant Treated, best type)
- WOOL Inherently Flame Resistant (7.5 oz. Serge Wool)
- NOMEX/KEVLAR/PBI Flame Resistant
- Two-layers PREFERRED

C. LOWER BODY

PANTS



Materials

- 1. COTTON
- 2. WOOL
- 3. NOMEX

Burns, will not melt Inherently Flame Resistant Flame Resistant

Nomex/Kevlar (Very High Cost)

D. FOOTWEAR

BOOTS or closed toe Shoes (No Sandals)

LEATHER Hightop or Lowtop

EXAMPLES:









Safety, Visibility, Alerting, and Warning Devices

PROTECTION FROM RADIANT HEAT



<u>https://www.youtube.com/watch?v=G_TLR_GeYiU</u> **USE:**

- YOUR VEHICLE
- **PROTECTIVE CLOTHING**
- ALUMINIZED BLANKET
- WOOL BLANKET (100% 7.5 Oz Fabric Weight)
- USE SOLID OBJECT as a Barrier GET LOW TO THE GROUND



https://www.youtube.com/watch?v=Jvy2siEwOZ0

https://abcnews.go.com/International/astonishing-video-showsaustralian-fire-crew-survive-overrun/story?id=68002645

https://www.youtube.com/watch?v=4ONQSjkRWi8