

Minimum Impact Strategy Tactics

Minimum Impact Strategy Tactics (MIST) is used to meet management objectives that seek to reduce environmental, cultural, and social impacts caused by typical suppression techniques. MIST can both limit resource damage and provide cost savings. Resource Advisors (READ/F) should be consulted regarding MIST implementation. However, the fireline supervisor will determine the tactics used based on firefighter safety, weather, fire conditions, and good judgment.

MIST actions include but are not limited to:

Line Construction and Mopup

- **Consider:**

- Cold trailing the fire's edge.
 - Using wetline or sprinklers as control line.
 - Using natural or human-made barriers.
 - Burning out sections of fireline.
 - Limiting width and depth of fireline necessary to limit fire spread.
- Locate pumps and fuel sources to minimize impacts to water sources.
 - Utilize containment berms around pump and fuel tank.
 - Minimize cutting of trees and snags to those that pose safety or holding concerns.
 - Move or roll downed material out of fireline construction area.
 - In areas of low spotting potential, allow large diameter logs to burn out.

- Limb only fuels with the potential to spread outside the line or pose spotting issues.
- Scrape around tree bases near fireline to eliminate ladder fuel.
- Minimize bucking of logs to check/extinguish hotspots, preferably roll logs to extinguish and return to original position.
- Utilize extensive cold trailing and/or hotspot detection devices along perimeter.
- Increase use of fireline patrol/monitoring.
- Flush-cut stumps after securing fireline.

Long-Term Incidents

- Consult with READ/F to locate suitable campsites. Avoid areas with hazards (snags, bee nests, etc.).
- Plan for appropriate methods of:
 - Helispots
 - Supply deliveries
 - Trash/Backhaul
 - Disposal of human waste
- Minimize ground and vegetation disturbance when establishing sleeping areas.
- Minimize disturbance of cultural resources.
- Prevent spread of invasive species by checking/washing vehicles, cargo nets, and equipment.
- Use locally approved storage methods to animal proof food and trash.
- When abandoning camp, rehab impacts by fire personnel.