

People and Community

Report Back #1

Characterize Risk of Climate on
Systems & Assets

Asset Discussed

Outdoor Workforce

Summary: Main climate hazards causing impacts

- Temperature (Humidity also has a role)

Examples: Impacts, Current Work-Arounds

- Heat Related Illnesses
 - Monitor Personnel Duration to Heat Exposure
 - Train Personnel on Signs of Heat Stress
 - Provide Personal Protective Equipment
 - Buddy Monitoring

Climate Impacts Covered Under Existing Plan

- Heat Related Illnesses
- Workforce Efficiencies
- Higher Costs for Running Vehicles to Keep them Cool
- Psychological Impacts due to working in heat
- Higher Costs for Personal Protective Equipment
- Greater Accident Potential

Summary: Overall Types of Response

- Today's Actions
 - Heat Stress Training
 - Personnel Monitoring
 - Personal Protective Equipment
 - Cooling Suits (Phase Core) / Different Clothing / Cooling Tent
 - Buddy Monitoring
- 2080
 - Shaded Sidewalks, Plant More Trees
 - Modify Work Schedule to Cooler Periods
 - More Frequent Breaks

Other Important Information

- Useful life: of the Policy
- Ozone Action Days – Asthmatics
- Daycare Playtime Outside May be Affected
- West Nile Virus, Skin Cancer, Cardiac Arrest brought on by heat/sun exposure
- Design standards for HVAC need to plan for higher personnel loading

How will this process continue?

- Will take what is developed from these sessions
 - Review with NASA Team Members
 - Complete evaluation of other People and Community Assets
 - Later today
 - With NASA Team Members after today