Get Out! Evacuation in the Wilderness

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Objectives

- Pre-planning your trip
 - What details to leave
- What to do if you're lost / injured
 - How to have someone find you
- What happens behind the scenes of a search and rescue operation
- Evacuation options in wilderness

Pre-Planning

- Tell responsible person
 - Where you are going and detailed travel plan
 - The members party and pertinent health issues
 - Estimated date and time of return
 - Set 'alarm time' when to call help
 - Who to call to activate help
 - Provide number

Be Self Sufficient

- Prevention
 - Group leader monitor trip and skill level
 - Abort trip before event occurs
- Survival skills and equipment
- First Aid Kit (as appropriate)
- Basic self-rescue plan thought through
- Adequate clothing/gear



What to do if you are lost?

- Stay Calm!!!
- When are you expected to check in?
- Stay where you are / Stay together
- If you are forced to move, leave signs
 - Direction of travel arrows, notes, etc.
- Be ready to signal for help (mirror, smoke, etc.)

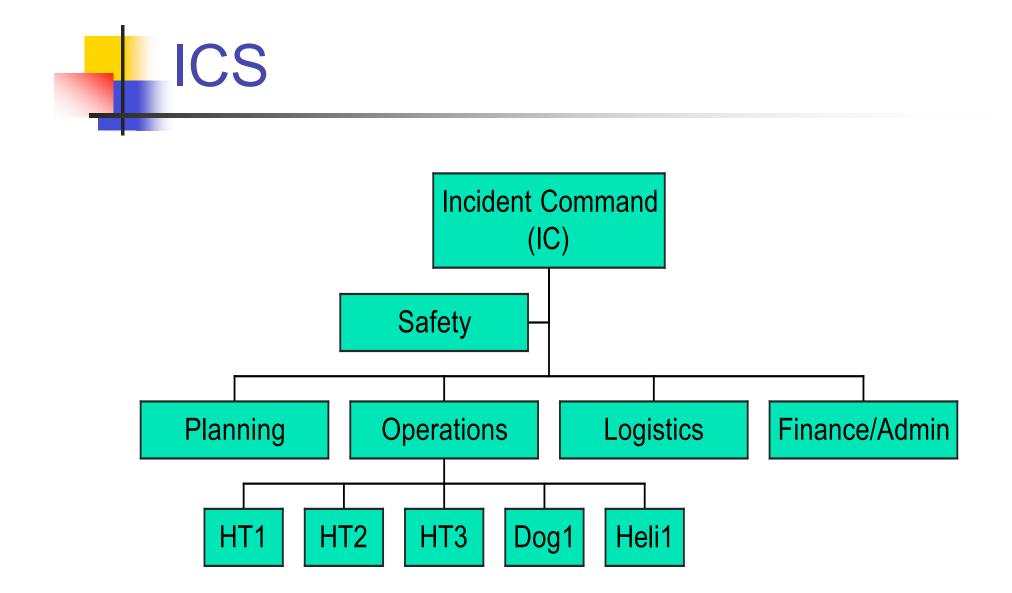
What to do if you are injured?

- Stay calm!!!
- When/How is help coming?
 - Can you call for help?
 - Cell/Satellite phone
 - Personal Locater Beacon (PLB)
- Can you self evacuate?
 - Stabilize as best as possible



Search and Rescue

- Managing Search Function (MSF)
- Incident Command System (ICS)
 - 5 main ICS Sections
 - Incident Command (IC)
 - Planning
 - Operations (Ops)
 - Logistics
 - Finance/Administration



Wind River Search

56 y.o. Male overdue from 1 week solo peak bagging trip in Wyoming wilderness.



MSF - Initial Response

- Investigate
 - Lost Person Data, Determine Urgency
- Point Last Seen (PLS) or Last Known
 Point (LKP)
- Direction of Travel
- Hasty Search High Probability of Areas (POA)

Incident Command Post (ICP)





Wind River Search

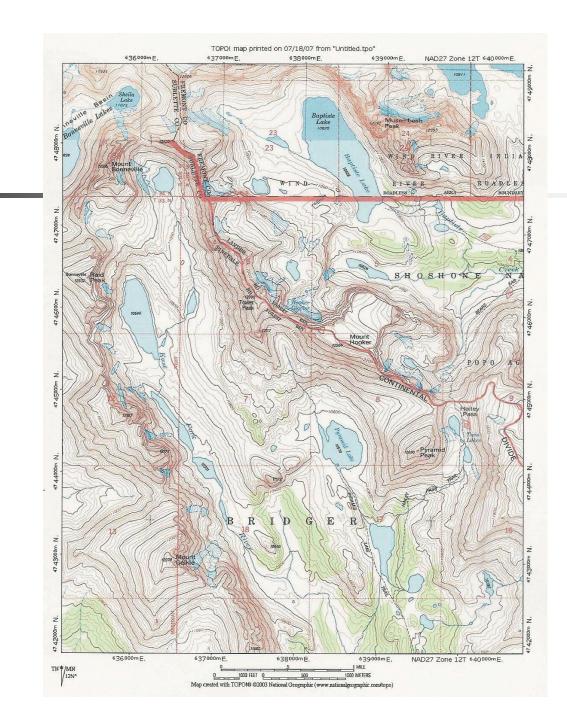
- LKP
 - Pyramid Lake
- Journal Found
 - Entered Sat
 - Last entry Tue
 - Expected Sat
 - Search Began Sun
 - Addl Resources Mon
 - Found Thursday

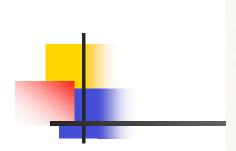


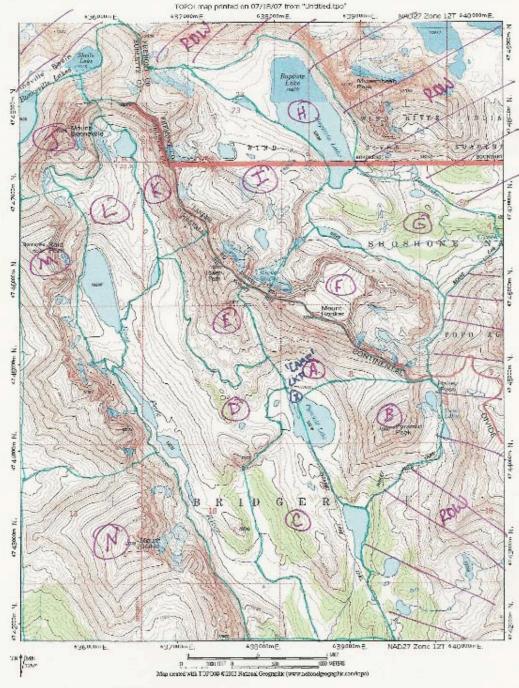
MSF

Establish Search Areas (POA)

- Draw search areas
- Average probabilities from several search planners
- ROW Rest of World
- Confinement





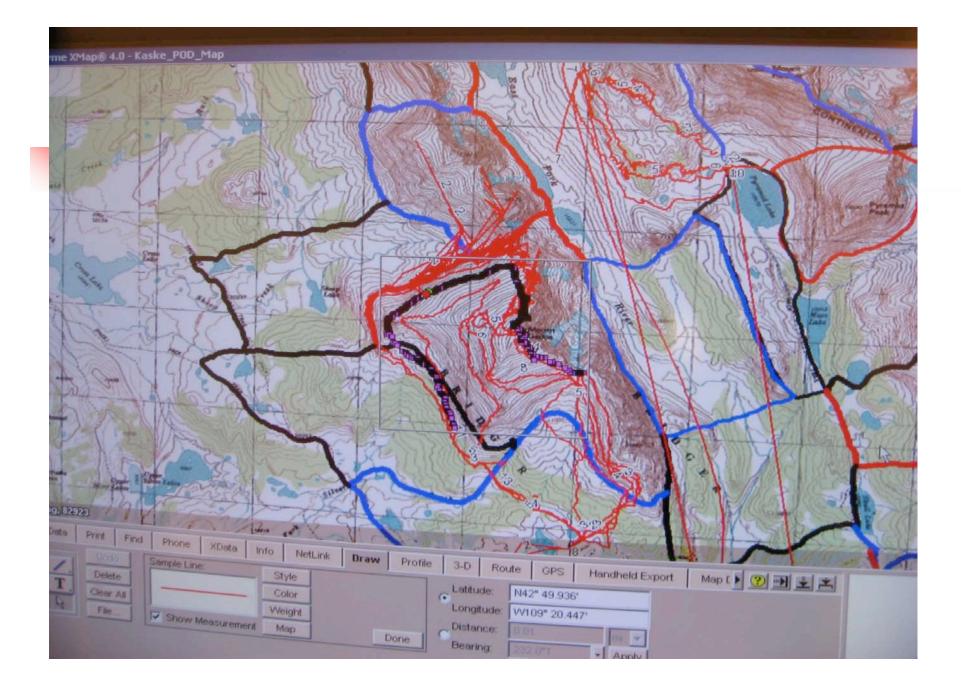


		Prob	ability of <i>i</i>	Areas - M	atson Con	sensus	
	Evaluators						(Total/# of Evaluator
Search Area	1	2	3	4	5	TOTAL	Average POA
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В							
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ROW							
TOTAL							

MSF

- Track teams and clues on map
 - GPS downloads
- Probability of Detection (POD)
- Probability of Success (POS)
 - POD x POA
- Shifting POA after area searched





Resources

- Ground Teams
 - Technical (climbing)
 - Non-Technical

Helicopter Teams





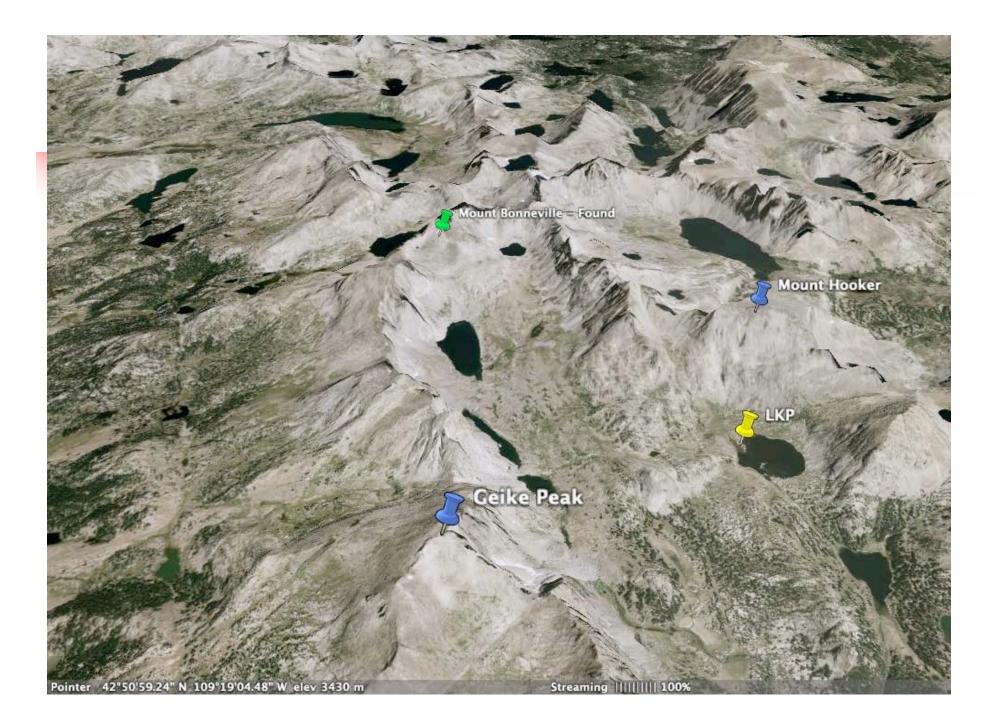
Resources

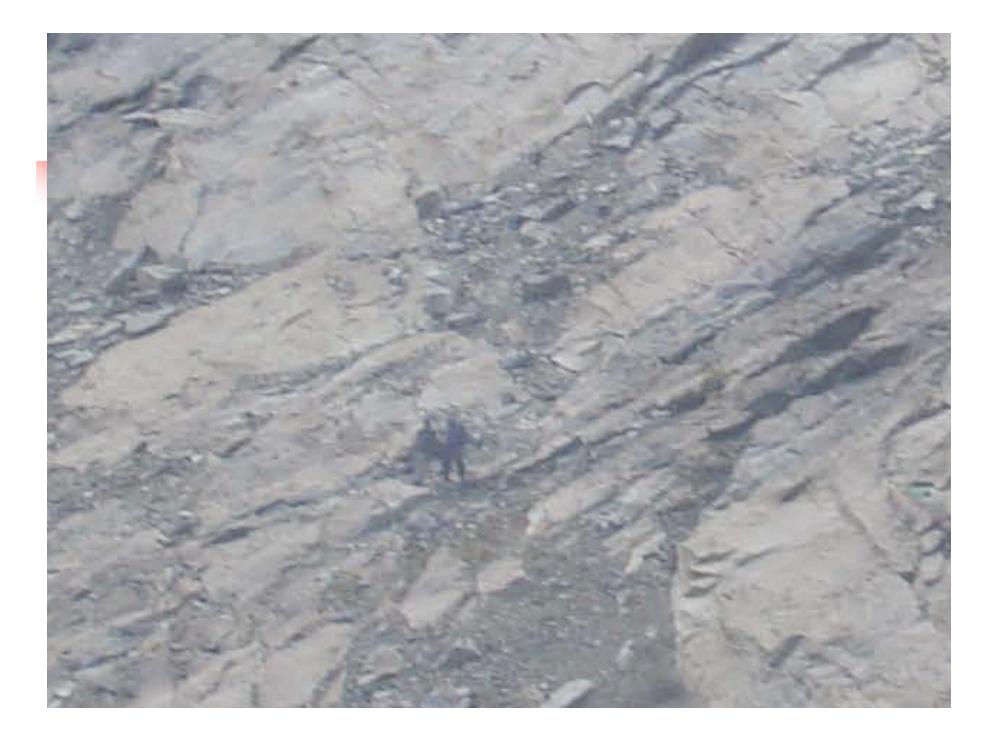
Dog Teams



- Lightening Strike Data
- Family Liaison
- Logistics







Evacuation in the Wilderness

- Rehab patient walk out
- Ground
 - Wheeled Litter
 - Improvised Litter
 - Horse
 - Four Wheeler
- Helicopter







Summary

- Pre-planning
- Be prepared for self-evacuation
- Join your local SAR team

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