

Risk Assessment Worksheet					1. Project/Incident/Work Activity	2. Location								
					Mountain Sports (winter)	WRNF, Dillon RD								
3. Specific Objective					4. Name and Title of Preparer					5. Date				
Monitoring of Alpine Ski Area, Nordic Areas, Backcountry Huts					Marcus Dreux/Mountain Sports Ranger					Tuesday, February 9, 2021				
6. Risk Decision Authority: (Authority Signature Block) If block 15 is Moderate, Serious or Critical a higher level of authority needs to sign in this block.														
Signature/Date:														
Assess Hazards					Identify Risk Mitigation Measures			Residual Risk						
7. Task	8. Hazard	9. Hazard Probability	10. Severity / Consequence	11. RAC	12. List all mitigation or abatement measures			13. Hazard Probability	14. Severity / Consequence	15. RAC	16. Necessary	17. Hazard Control Assigned to:		
Winter Driving	Sliding off road, vehicle collisions and becoming stuck/stranded	Occasional	Catastrophic	Serious	Maintain current defensive driving certification. A winter driving skills course recommended. Have adequate snow tires or chains, clear windshield and all windows of ice and snow. Wear seat belts and reduce speeds to match driving conditions.			Rarely	Catastrophic	Moderate	Yes	Driver and front seat passenger		
Alpine Skiing	Falls, collisions with objects/skiers/snowmobiles, ski lift incidents, becoming lost or stranded, avalanches and snow wells	Occasional	Catastrophic	Serious	Ski conservatively and within ability level, be aware of surroundings and other skiers, always ski under control, downhill skiers have the right of way, expect to encounter natural or man-made obstacles and equipment at all times, use modern ski equipment, ensure skis/snowboard are properly tuned with sharp edges and inspected periodically, use devices to prevent runaway ski gear, set DIN settings appropriate to skier size and ability, know how to load and unload a ski lift, ski with a partner when possible in open terrain, if traveling into closed areas, side country or areas of avalanche concern travel with rescue gear and a partner and/or ski patrol, have a communication plan, follow skier responsibility code (attached), always wear a modern ski helmet no more than 5 years old and replace if impacted. Be in appropriate physical and mental condition.			Rarely	Catastrophic	Moderate	Yes	Every person on project		

Assess Hazards					Identify Risk Mitigation Measures	Residual Risk				
7. Task	8. Hazard	9. Hazard Probability	10. Severity / Consequ	11. RAC	12. List all mitigation or abatement measures	13. Hazard Probability	14. Severity / Consequ	15. RAC	16. Necessary	17. Hazard Control Assigned to:
Cross Country Skiing	Falls, collisions with objects/skiers/snowmobiles/groomers, becoming lost or stranded, encountering moose.	Rarely	Critical	Minor	<i>Ski conservatively and within ability level, be aware of steeper trails and moderate speed while descending. Be aware of surroundings and other skiers, expect to encounter natural or man-made obstacles and equipment at all times, use modern cross country ski equipment, ski with a partner (trails are not swept), check out with dispatch, be aware of current and changing snow conditions, use proper ski wax for temperature and snow conditions, manage fatigue and take breaks as needed. Expect to encounter moose, give them space, view at a distance, pass when the moose have left the area or backtrack. Be in appropriate physical and mental condition.</i>	Occasional	Significant	Minor	Yes	Every person on project
Backcountry Skiing	Avalanches, tree wells, falls, collisions with natural objects or snowmobiles, becoming lost or stranded, backcountry emergencies	Occasional	Catastrophic	Serious	<i>Have appropriate avalanche training, carry a beacon, shovel, probe and travel with a competent partner. Check the CAIC daily avalanche report and forecast completely and discuss current conditions as a team. Have set trigger points for disengagement. Make extremely conservative backcountry travel decisions. Be observant of indicators of avalanche terrain and indications of snow instability. Carry a backcountry equipment repair kit, a survival kit, map, space blanket and fire starter. Carry extra food, water, layers, puffy jacket, gloves, goggles and climbing skins/snowshoes. Check out with dispatch and have two forms of communication including a FS radio, sat-phone or spot device. Expect to encounter other users, snowmobiles or snowcats. Carry a first aid and backcountry rescue kit. Travel at the comfort and ability level of the group. Be in appropriate physical and mental condition.</i>	Rarely	Catastrophic	Moderate	Yes	Every person on project

Assess Hazards					Identify Risk Mitigation Measures	Residual Risk				
7. Task	8. Hazard	9. Hazard Probability	10. Severity / Consequ	11. RAC	12. List all mitigation or abatement measures	13. Hazard Probabili	14. Severity / Consequ	15. RAC	16. Necess ary	17. Hazard Control Assigned to:
<i>Winter Exposure</i>	hypothermia, cold injury, limited visibility, sunburn, limited visibility and snow blindness,	Occasional	Catastrophic	Serious	<i>Check forecast and prepare, wear proper thermal layers and high quality gortex ski jacket and pants. Wear sunscreen, carry extra layers, an extra puffy jacket, high quality ski goggles, high quality gloves, face gator/buff. Recognize the signs and symptoms of hypothermia and cold injury.</i>	Rarely	Catastrophic	Moderate	Yes	<i>Every person on project</i>
<i>Field Check In and Out</i>	Traveling alone, becoming lost or stranded	Rarely	Catastrophic	Moderate	<i>Travel with a partner whenever possible. If traveling alone in the backcountry you must be able to completely avoid avalanche terrain and have a communication plan. Check in and out with dispatch. If traveling alone at an alpine ski area, check in with ski patrol and establish appropriate communication plan, stay within open terrain if alone and if necessary to venture into closed terrain you must have appropriate gear and be accompanied by patrol or a partner.</i>	Rarely	Critical	Minor	Yes	<i>Every Person on Project</i>
<i>Emergency Response</i>	Lack of emergency response plan causes delay in evacuation or medical treatment	Rarely	Catastrophic	Moderate	<i>Have a emergency plan, have appropriate communication devices, within ski areas know how to contact ski patrol and know where you are, in the backcountry have an emergency plan and know how to contact search and rescue and know how to guide rescuers to you. Discuss any pertinent medical issues during tailgate safety session. Discuss travel routes and have a contingency meeting place and time.</i>	Rarely	Critical	Minor	Yes	<i>Every person on project</i>
<i>Adequate Physical/Mental Condition for Skiing</i>	Increased Risk of Injury, poor decision making and/or lack of situation awareness	Occasional	Catastrophic	Serious	<i>Be in proper physical and mental condition to ski and stretch/warm up before and after skiing. Be well rested and healthy. Review ACL brochure before skiing (attached). When less experienced individuals are assisting Mountain Sports Admin or Ranger, their skiing ability, equipment, PPE, physical/mental condition and experience must be assessed and provide appropriate travel routes, equipment and transportation.</i>	Rarely	Critical	Minor	Yes	<i>Every person on project. The Admin or Ranger is responsible for less experienced persons.</i>