### East Peak, Ted's Buttress Incident, February 6th 2016 Report prepared by Crystal Mountain Pro Patroller Peter Dale and NWAC

Incident snapshot

**Time and Date**: 12 PM, February 6<sup>th</sup>, 2016 **Location:** Ted's Buttress, East Peak, Crystal Mountain Area (across from ski area), Pierce County, Mt Baker-Snoqualmie Forest, Washington State **Number Caught and Partially Buried Non-Critical**: 1 skier **Number Caught and Partially Buried Critical**: 1 skier **Number Injured**: 2 **Number Killed: 0** 

Avalanche Type: Soft Slab Trigger: Skier, Unintentional Size: R3-D3 Start Zone Aspect: NW Start Zone Average/Max Slope Angle: 35/40 deg Start Zone Elevation: 6060 ft (1847 m) Sliding Surface: In new snow

Height of Crown Face: 1.5 ft (0.45 m) avg to 4.25 ft (1.3 m) max Width of Fracture: 820 ft (250 m) Vertical Fall: 200 ft (61 m) avg to 560 ft (170 m) Slab Hardness: 1F and 4F Slab Grain Type: Rounds Slab Grain Size: .5 – 1 mm Weak Layer Hardness: F Weak Layer Grain Type: Surface hoar Weak Layer Grain Size: 3 mm

Start Zone Vegetation and Ground Cover: Sparse trees with rocky/grassy ground Location of Crown Face: Ridge and Convex Roll Location of Subject Relative to Start Zone: Low Slope Angle at Approximate Trigger Site: 27 deg Avalanche Occurred During: Descent

**Signs of Instability Noted by Group:** Some cracking **Recent Avalanche Activity:** None in immediate vicinity, some small storm slabs triggered with explosives in ski area that morning.

**Avalanche safety gear carried by party:** Both skiers carried transceiver, shovel and probe **Avalanche Experience and Training**: Skier 1 had been ski touring for 30 years and had introductory formal avalanche training. Skier 2's experience and training is unknown.

NWAC Forecast Zone: West Slopes South – South of I-90 to Columbia River NWAC Avalanche Danger Rating in Effect for Start Zone (near treeline): Considerable

**Rescue:** Victim #1 was able to self extricate slowly after finding equipment, but had sustained a a major knee injury. Victim #2 presented with multi-system trauma and was extricated with a tobbogan by the Crystal Mountain Pro Patrol.

### Comments from NWAC Forecasters (Dennis D'Amico)

This incident highlights when a regional avalanche forecast identifies the correct danger rating (Considerable) and avalanche problem (Wind Slab) but missed the specifics relevant to the slope in question. The buried surface hoar formed during a brief clear period earlier in the month and identified as the weak layer in this incident was not found throughout the west slopes of the Cascades, other areas in this forecast zone (which includes Mt. Rainier), or locally within the nearby ski area. A public report of sensitive wind slab later that weekend from the Crystal backcountry did not identify the weak layer. NW aspects were not listed with the wind slab problem in the NWAC forecast but one look at a topographic map and it is clear that prevailing W-SW flow will locally load the NW aspect of the E-W ridge extending from East Peak. The skiers crossed from a windward to a lee slope, but they crossed at a relatively low angled portion of the slope. They skied one at a time with the assumption the 2<sup>nd</sup> skier was in a safe spot on the ridgeline, but the avalanche broke above their positions. The injured skiers were fortunate the Crystal Mt Pro Patrol were able to dispatch rescue resources so quickly on a busy weekend, while we are fortunate that patroller Peter Dale was able to compile a detailed incident report including a fracture line profile.

# View looking east from top of gondola at Crystal Mt.

- Avalanche 7/

ast Peak summit

- - Diagrammed by Peter Dale 2/6/16



## **Avanet** SNOW PROFILE

Organization: Crystal Mountain

Location: Teds Buttress

46.94229, -121.45817 Lat/Lng:

Date:

2016-02-07 12:00 pm

Snowpit depth: 95 cm

Observer: peter dale

Snowpack depth: 415 cm

Elevation:	5,900 ft	Wind:	Calm	Fracture profile of ss-as-r3-d3 that released on SH (likely formed 2/1/16) at 60cm. Pit was dug on corniced
Slope:	27°	Blowing snow:	Previous	ridgeline at trigger point, with HS >415cm. HS measured on bed surface averaged 150cm. Crown
Aspect:	325° NWbN	Precipitation:	No Precipitation	ranged in depth from 10cm to 130cm.
Air temp.:	6.0°C	Foot Pen. (PF):		
Sky: 🔿	Clear	Ski Pen. (PS):		



### West Slopes South - South of I-90 to Columbia River

### Issued: 6:15 PM PST Friday, February 5, 2016 by Garth Ferber

NWAC avalanche forecasts apply to backcountry avalanche terrain in the Olympics, Washington Cascades and Mt Hood area. These forecasts do not apply to developed ski areas, avalanche terrain affecting highways and higher terrain on the volcanic peaks above the Cascade crest level.

**The Bottom Line**: New wind and storm slab layers should be seen on Saturday. The skiing should be improved but don't forget to make careful snowpack evaluations.

### Issued: 6:15 PM PST Friday, February 5, 2016 by Garth Ferber

Elevation	Saturday	Outlook for Sunday
Above Treeline	Considerable Dangerous avalanche conditions. Careful snowpack evaluation, cautious route- finding and conservative decision-making essential.	Considerable
Near Treeline	Considerable Dangerous avalanche conditions. Careful snowpack evaluation, cautious route- finding and conservative decision-making essential.	Moderate
Below Treeline	Moderate Heightened avalanche conditions on specific terrain features. Evaluate snow and terrain carefully; identify problem features.	Moderate
Danger Scale No Rating	Low Moderate Considerable High	Extreme

### Issued: 6:15 PM PST Friday, February 5, 2016 by Garth Ferber

### Avalanche Problems for Saturday

### Wind Slab

Wind slabs can take up to a week to stabilize. They are confined to lee and cross-loaded terrain features and can be avoided by sticking to sheltered or wind scoured areas.



### Storm Slabs

Storm slabs usually stabilize within a few days, and release at or below the trigger point. They exist throughout the terrain, and can be avoided by waiting for the storm snow to stabilize.



### Snowpack Analysis:

### Weather and Snowpack

The last heavy rain event January 27-28th further stabilized the mid and lower snowpack and formed a strong rain crust that is being loaded by recent storms.

A strong occluded front with strong winds crossed the Northwest January 29-30th. NWAC stations along the west slopes received about 1-2 feet of snowfall.

Cool, benign weather followed Sunday to Tuesday. A sun crust formed on many solar slopes and surface hoar was seen on many non-solar slopes.

A cold front and then a warm front crossed the Northwest on Wednesday and Thursday. NWAC stations along the west slopes for the 2 days ending Friday morning had about 9-14 inches of snowfall with 18 inches at Mt Baker and 21 inches at Paradise.

### **Recent Observations**

The Alpental pro-patrol Thursday morning reported some natural and ski triggered 6-8" storm slab. By the afternoon some triggered small loose wet avalanches were seen below about 4000 feet.

Deeper, larger avalanches were reported from Paradise Thursday morning. The ranger reported shooting cracks and certain, sensitive, reactive human triggered 15 inch storm slabs on 40-50 degree south facing test slopes that ran onto 35 degree slopes.

NWAC pro-observer Lee Lazzara was near Mt Baker on Thursday mainly near and below treeline and found 65-90 cm of storm snow on the crust buried January 29th. He noted minor a minor storm layer at 20 cm, solar effects and rollerballs.

A skier on the NWAC observations page reported 2 skier triggered wind or storm slab avalanches on Mt Snoqualmie on Thursday.

The Alpental pro-patrol reported a quiet day today with no significant avalanches and east winds helping cool the snowpack.

### Detailed Forecast for Saturday:

Strong southwest winds aloft will accompany a cold front will cross the Northwest on Friday evening. West winds will follow with orographic snow showers and a good cooling trend on Saturday morning.

The cooling trend may help bond new snow to old snow surfaces where the snow starts at above freezing temperatures. With a little luck many areas along the west slopes will have about 5-10 inches of new snow by the time snow showers taper off on Saturday.

The main avalanche problem should be new wind slab on lee slopes in the near and above treeline. Watch for signs of snowpack cracking and firmer wind transported snow on lee slopes.

A secondary avalanche problem should be new storm slab in areas with less wind if there is rapid loading. The cooling trend may help limit this avalanche problem.

### Crystal Mountain Base Weather Data, elev 4570'

The 72 hour snowfall total prior to the incident totalled 15 inches. The Green Valley plot at 6230' showed 17" of snowfall over this time period.

Date/Time (PST)	Temperature (deg F)	RH (%)	Precipitation (")	24 hr snowfall (")	Snow Depth (")
2/6/2016 13:00	31	93	0	0	71
2/6/2016 12:00	30	94	0	0	71
2/6/2016 11:00	30	96	0	0	71
2/6/2016 10:00	29	98	0	0	71
2/6/2016 9:00	29	99	0	0	72
2/6/2016 8:00	27	99	0	0	72
2/6/2016 7:00	28	100	0	0	72
2/6/2016 6:00	28	99	0	4	72
2/6/2016 5:00	28	100	0.02	4	72
2/6/2016 4:00	29	100	0.03	4	71
2/6/2016 3:00	30	100	0.05	4	72
2/6/2016 2:00	30	100	0.08	3	69
2/6/2016 1:00	30	100	0.03	1	69
2/6/2016 0:00	31	100	0.02	1	70
2/5/2016 23:00	32	100	0	1	69
2/5/2016 22:00	33	100	0	1	69
2/5/2016 21:00	33	100	0.04	1	69
2/5/2016 20:00	33	100	0.04	0	69
2/5/2016 19:00	33	100	0.08	1	69
2/5/2016 18:00	34	100	0.06	0	69
2/5/2016 17:00	33	100	0	0	69
2/5/2016 16:00	33	100	0	0	69
2/5/2016 15:00	34	99	0	0	69
2/5/2016 14:00	34	99	0	0	69
2/5/2016 13:00	34	98	0	0	69
2/5/2016 12:00	35	95	0	0	69
2/5/2016 11:00	34	99	0	0	69
2/5/2016 10:00	34	99	0	0	70
2/5/2016 9:00	33	100	0	3	70
2/5/2016 8:00	32	100	0	3	70
2/5/2010 7.00	21	100	0	2	70
2/5/2010 0:00	31	100	0	3	70
2/5/2010 3:00	31	100	0	3	70
2/5/2010 4:00	31	100	0	3	70
2/5/2016 2:00	31	100	0	3	70
2/5/2016 1:00	32	100	0	3	70
2/5/2016 0:00	32	100	0	3	70
2/4/2016 23:00	32	100	0	3	70
2/4/2016 22:00	31	100	0	3	70
2/4/2016 21:00	32	100	0	3	70
2/4/2016 20:00	32	100	0	3	70
2/4/2016 19:00	32	100	0.01	3	69
2/4/2016 18:00	32	99	0.03	2	69
2/4/2016 17:00	33	99	0.02	3	70

2/4/2016 16:00	33	98	0.03	2	70
2/4/2016 15:00	33	97	0.03	2	68
2/4/2016 14:00	33	96	0.03	2	68
2/4/2016 13:00	32	94	0.02	1	68
2/4/2016 12:00	33	92	0.01	1	69
2/4/2016 11:00	31	95	0.02	1	69
2/4/2016 10:00	29	97	0.03	1	71
2/4/2016 9:00	28	98	0.03	0	71
2/4/2016 8:00	29	100	0	0	70
2/4/2016 7:00	29	100	0	0	70
2/4/2016 6:00	29	100	0.03	0	71
2/4/2016 5:00	29	100	0.07	8	70
2/4/2016 4:00	29	100	0.05	8	70
2/4/2016 3:00	29	100	0.07	7	68
2/4/2016 2:00	29	100	0.06	7	67
2/4/2016 1:00	29	100	0.04	6	68
2/4/2016 0:00	29	100	0	5	65
2/3/2016 23:00	28	100	0	5	67
2/3/2016 22:00	30	100	0	6	67
2/3/2016 21:00	31	100	0.06	5	67
2/3/2016 20:00	31	100	0.03	5	66
2/3/2016 19:00	31	100	0.08	4	65
2/3/2016 18:00	30	100	0.09	4	65
2/3/2016 17:00	30	100	0.07	2	63
2/3/2016 16:00	30	99	0.05	2	62
2/3/2016 15:00	30	96	0.03	1	61
2/3/2016 14:00	30	95	0.02	0	61

#### Crystal Mountain Summit Weather Data, elev 6830'

The recorded winds 72 hr before the incident were generally out of the W or SW with several stretches of strong gusts. At 19:00 hrs the night before the incident, the average wind was 50 mph out of the SW while light to approaching moderate snow was recorded at the base.

Date/Time (PST)	Temp (deg F)	RH (%)	Wind Speed Ave (mph)	Wind Speed Max (mph)	Wind Dir(deg)
2/6/2016 13:00	21	96	10	18	272
2/6/2016 12:00	20	96	15	26	271
2/6/2016 11:00	19	96	20	32	270
2/6/2016 10:00	19	96	18	33	255
2/6/2016 9:00	19	97	16	32	242
2/6/2016 8:00	19	97	15	32	235
2/6/2016 7:00	19	97	19	35	259
2/6/2016 6:00	19	97	14	30	267
2/6/2016 5:00	19	97	19	31	266
2/6/2016 4:00	20	97	15	30	266
2/6/2016 3:00	21	98	18	34	254
2/6/2016 2:00	21	98	16	31	243
2/6/2016 1:00	21	97	16	37	248
2/6/2016 0:00	21	98	19	34	256
2/5/2016 23:00	21	98	14	30	248
2/5/2016 22:00	21	97	11	25	235
2/5/2016 21:00	24	99	13	30	229
2/5/2016 20:00	27	99	15	53	213
2/5/2016 19:00	28	100	50	84	236
2/5/2016 18:00	28	100	40	71	234
2/5/2016 17:00	28	98	20	61	191
2/5/2016 16:00	29	96	24	59	200
2/5/2016 15:00	29	96	27	58	210
2/5/2016 14:00	28	96	27	54	206
2/5/2016 13:00	30	97	42	68	220
2/5/2016 12:00	29	97	39	64	212
2/5/2016 11:00	29	96	34	59	196
2/5/2016 10:00	30	97	31	59	207
2/5/2016 9:00	28	98	39	72	210
2/5/2016 8:00	29	96	26	52	209
2/5/2016 7:00	29	98	30	50	191
2/5/2016 6:00	29	98	28	57	183
2/5/2016 5:00	29	98	18	37	179
2/5/2016 4:00	28	98	25	40	206
2/5/2016 3:00	28	97	29	41	212
2/5/2016 2:00	26	96	26	40	211
2/5/2016 1:00	25	96	27	43	218
2/5/2016 0:00	25	96	25	37	194
2/4/2016 23:00	26	98	16	29	132
2/4/2016 22:00	26	98	7	16	175
2/4/2016 21:00	27	98	16	25	258
2/4/2016 20:00	26	98	21	35	261
2/4/2016 19:00	26	99	22	37	259
2/4/2016 18:00	27	99	17	28	265
2/4/2016 17:00	27	99	22	35	262

2/4/2016 16:00	27	98	25	33	266
2/4/2016 15:00	27	98	25	38	267
2/4/2016 14:00	28	98	22	35	260
2/4/2016 13:00	27	98	23	35	266
2/4/2016 12:00	27	97	23	35	263
2/4/2016 11:00	24	97	22	28	274
2/4/2016 10:00	22	96	23	32	270
2/4/2016 9:00	21	97	28	45	268
2/4/2016 8:00	21	96	21	41	246
2/4/2016 7:00	22	97	24	41	251
2/4/2016 6:00	21	97	25	50	250
2/4/2016 5:00	22	97	16	33	258
2/4/2016 4:00	22	97	23	51	258
2/4/2016 3:00	22	97	17	35	250
2/4/2016 2:00	23	97	15	28	222
2/4/2016 1:00	23	97	14	23	213
2/4/2016 0:00	23	97	15	20	207
2/3/2016 23:00	21	97	10	21	241
2/3/2016 22:00	21	97	17	30	268
2/3/2016 21:00	22	97	14	35	250
2/3/2016 20:00	24	98	20	44	231
2/3/2016 19:00	24	98	33	66	218
2/3/2016 18:00	25	98	33	52	198
2/3/2016 17:00	25	98	37	54	197
2/3/2016 16:00	25	98	30	54	184
2/3/2016 15:00	26	98	26	49	175
2/3/2016 14:00	24	97	23	39	155



American Avalanche Association Forest Service National Avalanche Center Avalanche Incident Report: Long Form



Please send to: CAIC; 325 Broadway WS1; Boulder CO 80305; caic@qwest.net; Fax (303) 499-9618 and to the nearest Avalanche Center.

#### Occurrence Date: 2/6/16 Time: 12pm Report Author(s)

Name: peter dale Address: 33914 Crystal Mt Blvd. Enumclaw, WA 98022

Affiliation: Crystal Mt Pro Patrol

Phone: 360-663-3060

Fax:

Email: pdale22@gmail.com

#### Location:

State: wa County: Pierce Peak, Mtn Pass, or Drainage: East Peak Site Name: Teds Buttress Lat/Lon or UTM: Forest: Mt Baker Snoq

Summary	Caught	Partially Buried Not Critical	Partially Buried Critical	Completely Buried	Injured	Killed	Vehicles Damaged	Structures Damaged
Number	2	1	1	0	2	0	0	0

Weather	Fill in the weather chart of the five days prior to the accident. Use 24 hr trends for wind speed and direction.							
Weather station	location(s): Crystal B	ase	Lat/Lon or UTM:		Elevation: 4400 m / Aft			
Date	2/6/16	2/5/16	2/4/16	2/3/16	2/2/16	2/1/16		
Tmax	31	35	33	31	27	29		
Tmin	23	28	28	27	16	17		
HN24	0	5	3	9	0	0		
HN24W	0	.23	.29	.72	0	0		
Wind Speed	10	30	25	22	10	10		
Wind Dir	SW	SW	S	S	S	SW		

Avalanche Conditions	Attach most recent advisory (Section VII).				
Closest Avalanche	Avalanche Danger Rating	Recent Avalanche Activity			
Center: NWAC		None in immediate vicinity, some small storm slabs triggered with			
accident outside of	Moderate	explosives in nearby ski area that morning.			
forecast area	Considerable				
Avalanche warning in	🗌 High				
effect? 🗌 yes 🔀 no	Extreme				

**Snowpack** Describe the state of the snowpack. Include season history, snow profiles, and prominent features as necessary. New snow and windslab on top of a crust from a large rain event on 1/28/16. Embedded and protected within the new snow was some surface hoar that likely formed on 2/1/16 and 2/2/16. Snowpack below raincrust from 1/28/16 was well consolidated and rounded. Snow pit from trigger site attached.

### **Section I: Group Information**

Fill in the following tables. Some of the fields can be checked or left blank. Attach additional pages and reports from other agencies as necessary (Section VII).

Subject	Name	Age	Gender	Address	Phone
1	Mike	43	m		
2	cody	44	m		
3					
4					
5					

Skill Level	Activity	Years at Activity	Activity Skill Level	Accessed Local Avalanche Advisory?	Avalanche Education Level
1	ski touring	30		yes	intro
2	ski touring	unk			unk
3					
4					
5					

Rescue Equipment Carried	Transceiver Make and Model	Shovel	Probe Pole	Releasable Bindings	Other	Snowmobile: Rescue Equipment Carried on Person
1	tracker	у	у	у		
2	tracker	у	у	у		
3						
4						
5						

Injuries or Cause of Death	Unknown	None	First-Aid Needed	Doctor Care Needed	Hospital Stay Needed	Asphyxi- ation	Head Injury	Chest Injury	Spinal Injury	Hypo- thermia	Skeletal Fracture	Other	Fatal
1			у	у	n								
2			у	у	unk								
3													
4													
5													

#### Comments

Victim #1 was able to self extricate slowly after finding equipment, but had sustaied a major knee injury. Victim #2 presented with multi-system trauma and was extricated by tobbogan.

#### Section II: Avalanche Path and Event Information

Fill in the following tables. Some of the fields can be checked or left blank. Attach additional pages, fracture line profiles, and reports as necessary (Section VII).

Avalanche Characteri	stics							
Type: ss	Trigger:	as	Size: R 3 \ I	Size: R 3 \ D 3				
Aspect: NW 325	Elevatio	n: 6060 🗌 m / 🔀 ft	I					
Sliding surface (check of	one): 🛛 In new	New/old In old	d 🗌 Ground					
<b>Dimensions</b> ⊠m / □ft	<b>A</b>	Malina	Snow Slab	Hardness 1f and 4f	Grain Type rounds	Grain Size (mm) .5-1		
Height of Crown Face	Average	Maximum	Weak	f	v	3		
Width of Erecture	40-30CIII 250	250	Layer					
Vortical Fall	60	170	Bed	4f	rounds	1		
venucai I'all	00	170	Surface					
			Thickness	of weak layer:	>1mm / 🔀	cm / Lin		
Start Zone		Ground Cover:	Locat	tion of Crown	Face: Sno	w Moisture		
Elevation: 6060 m /	⊠ft	Smooth	R	🛛 Ridge 🛛 Dry				
Average Slope Angle: 3	5°	Rocky	C	Cornice Dist				
Maximum Slope Angle	: 40°	Glacier		Mid-Slope Wet				
Aspect: NW		Dense Forest		Convex Roll Rocks Unknown				
Vegetation: Sparse trees	s with rocky/gras	sy ground						
· · · · · · · · · · · · · · · · · · ·	, with roonly, grus	sy ground						
Track				Snc	w Moisture			
Open Slope Ave	rage Slope Angle	: 35°			Dry			
Confined Asp	ect: NW			Moist				
Gully					Wet			
Runout	Grou	nd Cover: Snow M	Aoisture	Debris Type	α <sub>i</sub> : °			
Elevation: 5500 m /	⊠ft □ Sr	nooth 🛛 🗌 Dry		Fine 🗌	α <sub>e</sub> : °			
Average Slope Angle: 3	$10^{\circ}$ Re	ocky 🗌 Moi	ist	Blocks	Debris De	nsity: kg m <sup>-3</sup>		
Aspect: NW		lacier Wet	t	Hard	Terrain Tr	ap? 🗌 no 🔀 yes		
		pen Forest		Rocks	Large free	s and slight gully shape		
		nknown		Trees	Lange ave	Sundan Band Sundo		
Vegetation: Glades		I						

### Comments

Start zone is a vertical corniced convex ridgeline that runs into trees. Weak layer was buried surface hoar. Bed surface was soft snow on top of crust, but debris gouged down to crust in places.

### Section III: Accident Description

Fill in the following sections with available information. Attach additional pages, witness accounts, and other reports as necessary.

<b>Events Leading Up to the Avalanche</b> Include objectives of the party, departure point, route taken, familiarity with area, encounters								
with other groups, location of the party at time of avalanche, etc.								
Location of group in relation to start zone during	avalanche: high middle low	below all unknown						
Slope angle at approximate trigger site: 27°								
Party traversed across East Peak from a SW slope	e over a vertical ridgeline called Ted's Bu	ttress. Crossed over vertical ridgeline onto						
NW facing slide path midslope.Victim #1 skied s	lope while victim #2 watched from a safe	e spot on ridge crest. Victim #1 triggered a						
slide that pulled back onto ridgeline behind victir	n #2 and both were caught and buried. Bo	oth traveled about 61 vertical m from the						
trigger point on the ridgetop to their points of res	t							
<b>Avalanche Danger Evaluation</b>								
Number of snowpit observations: 1	Stability Tests Preformed:	Test Results: ECTP24 @35cm Q2						
Signs of Instability Observed:	$\boxtimes$ yes	CT23 @35cm Q2						
none unknown	no							
some cracking shooting cracks	unknown							
whumphing hollow sounds								
recent avalanche								
activity								
Comments								

Witness	Name	Address	Phone
1			
2			

Accident	On a separate page (Section VII) or photograph, draw a diagram of the accident scene. Include avalanche boundaries,
Diagram	prominent rocks and/or trees, the location of all party members before the avalanche, and the location of people,
	machines, and equipment after the avalanche.

### Section IV: Rescue

Fill in the following sections with available information. Attach additional pages, witness accounts, and other reports as necessary.

<b>Rescue Chronolo</b>	gy										
First Report		Response									
Reporting Party: Victim #1	Agency	Time Dispatched	Time on Scene	Method of Travel	Number of Rescuers	Equipment					
Report Method: Cell Phone	Crystal Mt Ski Patrol	12:55	2:01	Skinning	5	FA gear, 2 toboggans, blankets, KTD, pelvic wrap					
Time Reported: 12:25											

Recover	У								
Subject	Caught	Partially Buried— Not Critical	Partially Buried— Critical	Completely Buried	Depth to Face	Time Recovered	Length of Burial	Body Position	Head Position
1	$\square$	$\square$			0				
2	$\square$		$\square$		0				
3									
4									
5									

Recover	y Method	For a tran surface w	sceiver recove as used as a c	ery, inclue lue, list ol	de make and mod bject.	el of transceiver used	by search	er. If an	object on t	he
Subject	Self Rescue	Companion	Organized	Voice	Object	Transceiver	Spot Probe	Probe Line	Rescue Dog	Digging
1	$\square$									
2	$\boxtimes$	$\boxtimes$								
3										
4										
5										

<b>Rescue Description</b>	List pertinent events that occurred during the rescue. Include additional pages of dispatch notes, statements,
	and agency reports as needed (Section VII).
Dispatch log attached.	

### Section V: Damage

Fill in the following sections with available information. Attach additional pages, witness accounts, and other reports as necessary.

Vehicles in Avalanche	Describe and/or estin	Describe and/or estimate the cost of damage to each vehicle caught in the avalanche.							
Туре		Partially	Completely	Damaga					
		Buried	Buried	Damage					

Structures Damaged	Describe and/or estimate the cos	st of damage to each structure affected the avalanche.	
Туре	Construction Type	Damage	Destroyed
7			

<b>Total Loss</b> Estimate the cost of damage caused by the avalanche: \$	
<b>Rescue Cost</b> Estimate the cost of rescue: \$750	
<b>Economic Effects</b>	List economic effects not included in the above tables (road closed, ski area closed, mine closed, change in
	policy, etc)
Dullad personnal from ski area on husy Saturday	

Pulled personnel from ski area on busy Saturday.

#### Section VI: Additional Comments and Recommendations

### Section VII: Blank pages for Additional Information

This page is not protected, so diagrams, digital photos, or other information can be pasted in.