



Wisegoat-Sorcerer Lodge-Public Report Manage

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Layout

Date Range

Last 7 days (Fri, Apr 21, 2017 - Fri, Apr 28, 2017)

Location

Sorcerer Lodge

Tabular

Map

Chart

Weather Observations

Date	Time	Sky	PRTI	T max	T min	T pres	HN24	HN24 WE	HST	Date Clr	HS	T10	Foot Pen	Baro	Sfc Form	Size Min1	Size Max	Sfc Form2	Size Min2	Size Max2	Wd Spd	Wd Dir	Location
Selkirk Mountains																							
04/28/2017	06:30	SCT	NIL	6	-7	-7	3			3 04/20/2017	293		3	790	PPsd			PPir				C	Ldg WxPl
04/27/2017	06:30	SCT	NIL	3	-7	-7	3			3 04/20/2017	296		4	781	PPsd	1		PPrm	1			C	Ldg WxPl
04/26/2017	06:30	OVC	NIL	3	-6	-6	0				294		0	780	RG			FC				C	Ldg WxPl
04/25/2017	06:30	SCT	NIL	6	-6	-6	1.5	1.1	2	04/20/2017	298		0		PPsd			PPgp				C	Ldg WxPl
04/24/2017	06:30	SCT	NIL	6	-4	-4	0		0	04/20/2017	300				PPgp			PPsd				C	Ldg WxPl
04/24/2017	06:30	SCT	NIL	6	-4	-4	0		20	04/20/2017	300		0		PPgp			MFcr				C	Ldg WxPl
04/23/2017	06:00	BKN	NIL	5	-2	-2	9	5.9	9	04/20/2017	310	-0.6	30	787	PP	1	2					L SW	Ldg WxPl
04/22/2017	06:22	SCT	NIL	5	-4	-4	0		0	04/20/2017	308	-1.2	35	796	MFcr		5					C	Ldg WxPl
04/21/2017	06:30	OVC	NIL	2	-4	-4	6	4.4	6	04/20/2017	318	-1.6	40	798	PP	1		PPsd	3			C	Ldg WxPl

Field Summary

Date	Location(s)	Ele Mir	Ele Ma	Sky	T Low	T High	Wind	AM Xp	PM Xp	PRTI	HN24	HS	Comment	Surface Forms
Selkirk Mountains														
04/28/2017	CheapSct Nord	1830	2740	SCT			L @ SW	Nil	Nil	NIL -	3			DF
04/27/2017	CheapSct Nord	1830	2450	SCT			L @ W	Nil	Nil	NIL -	3	3	HS taken at Swiss Col - rocky ridgetop.	PPgp
04/26/2017	PerfectG Nordi	1900	2400	OVC	-2		3 C - L @	Nil	L	S-1	4	4		PPsd
04/25/2017	PerfectV Melan	1840	2300	SCT			L @ VAR	L	L	NIL	12	12		PPsd
04/24/2017	EscargoG Nordi	1900	2400	SCT			4 L @ S	L	L	NIL	0.1	0	Winds above 2200 meters southerly and light with moderate gusting. Winds were	PPgp
04/23/2017	Moraine	1900	2040	SCT			6 L @ SW	Nil	Nil	NIL				
04/22/2017	Melanoma Norr	1920	2940	CLR -	-4		5 C - NA	Nil	Nil	NIL	0			MFcr - NA

04/21/2017	EscargoG	Perfe	1900	3000	OVC	-	-4	5	C	Nil	Nil	NIL	10		PPrm - WG
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Avalanche Summary

Date	Summary
Selkirk Mountains	
04/28/2017	Storm snow sluffing on steep slopes.
04/27/2017	No new avalanches observed
04/26/2017	No new avalanches observed today other than sluffing of 4 cms HN on previous crusts and some isolated wet loose out of steeper alpine solar aspects.
04/25/2017	No new avalanches observed
04/24/2017	Numerous natural size 1-2 all aspects in steeper terrain.
04/23/2017	Wet cycle during pm warming both natural and artificially triggered. See table.
04/22/2017	Few point releases - loose wet running on SW aspects . No other recent activity observed. GLide crack opening on west side of Perfect Valley - 2340 meters.
04/21/2017	Numerous sloughs on solar aspects. Several naturals in two distinct cycles today. First around 10:30 am when the first sun came out, the second at 1:00pm with the next big sola

Avalanche Observations

Date	Time	Num	Trg	Size Typ	Size Max	Trg Dis	Char	PWL	Elev Min	Elev Max	Asp Fro	Asp To	BS Lv	Depth Min	Depth Max	Incl Avg	Wid Min	Wid Max	Len Mir	Len Ma	Location(s)
Selkirk Mountains																					
04/23/2017	14:10	1	Sa	2			Wet Slab	<u>April 4</u>	1980	2040	SE	SE	O	40	70	38	100		100		<u>Moraine</u>
04/22/2017	09:00	1	Na	1			Loose Wet Avalanc		2400		SW			30		60	20		50		<u>PerfectV</u>
04/22/2017	10:00	1	Na	1			Loose Wet Avalanc		2400		NE			20		35	30		70		<u>NordicGl</u>
04/21/2017	14:30	1	Na	2			Storm Slab		2700		NE	E				60					<u>EscargoG</u>
04/21/2017	09:00	1	Na	1			Storm Slab		2500		N			60		40	20		50		<u>Crit Thu</u>
04/21/2017	14:00	NR	Na	1.5			Loose Wet Avalanc				N	SE									<u>WizardSE</u> <u>Wiza</u>
04/21/2017	14:00	NR	Na	1.5			Loose Wet Avalanc		2400		W			20			60				<u>Not So Perfect</u>
04/21/2017	08:00	1	Ni	2.5			Loose Dry Avaland		2350		N						30		200		<u>NordicGl</u>

Snowpack Observations

Date	Location	Summary
Selkirk Mountains		
04/27/2017	<u>BikRssn</u>	Black Russian Profile: 11:00 NE aspect, 30 degrees, 2430 meters elevation, CTM 16 (SC) down 40 CTM 14 (SC) down 80 on facets.
04/26/2017	<u>WhtRussn</u>	Quick look at the snowpack in White Russian, 13:00 , 2400 meters, N aspect, 25 degrees. 5 cms HN over a 20 cms 1F over 30 cms 4F facets.
04/24/2017	<u>WhtRussn</u>	Whiter Russian profile: 13:34, NW aspect, 21 degrees, 2260 meters, CTE 4 (SC) down 6 CTM 10 (SC) down 20 CTM 15 (SC) down 40

		CTM 18 (SC) down 80 on April 4th SH.
04/22/2017	<u>Ldg WxPl</u>	Lodge study plot: CT, no repeatable results in top 100 cms (3X)

Snowpack Description

Date	Description
Selkirk Mountains	
04/28/2017	
04/27/2017	Crust on solar aspects up to 15 cms thick and supportive. Breaking down below 1800 meters after 1:30 pm on solar aspects. Strong mid pack below that 1F down to 80 cms.
04/26/2017	Up to 15 cms colder snow on a good supportive crust, alpine aspects. Crust holding throughout the day. Strong midpack.
04/25/2017	South facing below 2200 m is moist below crust.
04/24/2017	Some loud skiing in the am on southerly aspects on a good solid carrying MFCR. Above 2200 meters on northerly aspects 5 to 10 cms HST over previous surfaces (crusts and wind packed snow) Mid pack strong other than on steep south facing aspects in the afternoon where the snow is starting to break down.
04/23/2017	Transfer day, very limited observations.
04/22/2017	Supportive crust at lodge elevation 2030 m. Good corn above 2200 meters south facing at 10:30. Deteriorating to 1900 meters in afternoon. Moist snow down 10 cms on W facing aspects. Morainal features moist down 20 cms on south facing aspects 200 meters. Warm temps have not yet penetrated the pack below 20 cms at TL and Alpine.
04/21/2017	Storm slab settling and bonding well NW aspects 2500 meters and north aspects above 2750 meters. Surface crust in AM up to 2100 meters. Good skiing above 2100 meters northerly aspects.

Avalanche Hazard

Date	Av Problems	Hazard Rating	Comment
Selkirk Mountains			
04/28/2017	<u>Wet Slab</u> : P x Size 2.5 <u>Cornice</u> : U x Size 2		
04/27/2017	<u>Cornice</u> : U x Size 2 <u>Loose Wet Avalanche</u> : P x Size 1		
04/26/2017	<u>Wet Slab</u> : U-P x Size 1.5 <u>Cornice</u> : U x Size 2 <u>Loose Wet Avalanche</u> : P x Size 1		Below treeline - unobserved
04/25/2017	<u>Wet Slab</u> : P x Size 1.5 <u>Cornice</u> : U x Size 2 <u>Loose Wet Avalanche</u> : P x Size 1		Hazard increasing with daily warming - solar aspects. Below treeline - unobserved
04/24/2017	<u>Deep Persistent Slab</u> : U x Size 3.5 <u>Cornice</u> : U-P x Size 2 <u>Loose Wet Avalanche (April 4)</u> : P x		Hazard increasing with daily warming - solar aspects. Below treeline - unobserved
04/23/2017	<u>Cornice</u> : P x Size 2 <u>Unknown (April 4)</u> : P x Size 1 <u>Deep Persistent Slab</u> : U x Size 3.5		Hazard increasing with daily warming - solar aspects. Below treeline - unobserved
04/22/2017	<u>Deep Persistent Slab</u> : U x Size 3.5 <u>Cornice</u> : P x Size 2 <u>Loose Wet Avalanche</u> : P x Size 1 <u>Wind Slab</u> : P x Size 1		Hazard increasing with daily warming - solar aspects. Below treeline - unobserved
04/21/2017	<u>Cornice</u> : P x Size 2 <u>Wind Slab</u> : P x Size 1 <u>Loose Wet Avalanche</u> : P x Size 1 <u>Deep Persistent Slab</u> : U x Size 3.5		Hazard increasing with daily warming - solar aspects. Below treeline - unobserved

Terrain

Date	Asp/Elev	Comment	Location(s)	Max Slope Angle	Terrain Features	Strategic Mindset
Selkirk Mountains						
04/28/2017			CheapSct NordicGI	>45		Sprina Diurnal

04/27/2017	Avoiding steep south terrain on solar aspects.	<u>CheapSct</u> <u>NordicGl</u>		
04/26/2017	Avoiding steeper south facing terrain.	<u>WhtRussn</u> <u>PerfectG</u>	35	Status Quo
04/25/2017	Avoided southerly in pm	<u>PerfectG</u> <u>Melanoma</u>	45	Spring Diurnal
04/24/2017	Avoiding steep solar aspects in the afternoon and overhead f	<u>WhtRussn</u> <u>Escargot</u> <u>Norc</u>	30	Stepping Out
04/23/2017		<u>Moraine</u>	40	
04/22/2017	avoiding steep solar aspects and overhead hazards (cornices)	<u>PerfectV</u> <u>Melanoma</u> <u>Norc</u>	35	Status Quo
04/21/2017	Avoiding solar aspects and exposure to cornices.	<u>EscargotG</u> <u>PerfectG</u> <u>Nord</u>	45	Status Quo