



# Wisegoat-Valkyr Lodge-Public Report Manage

Date Range

Last 7 days (Sun, Jan 8, 2017 - Sun, Jan 15, 2017)

Location

Valkyr Lodge

Save to PDF

Layout

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 Form1	Size Min1	Size Max1	Sfc Form2	Size Min2	Size Max2	Wd Spd	Wd Dir	Location
<b>Selkirk Mountains</b>																							
01/14/2017	16:15	CLR	NIL	-8	-11	-10				0 01/13/2017	143	-15	35	1035 SH		4	6					C	<a href="#">Hilda wx plot</a>
01/14/2017	06:15	CLR	NIL	-11	-16	-11	0			0 01/13/2017	143	-16	30	1038 SH		4	8					C	<a href="#">Hilda wx plot</a>
01/13/2017	16:04	CLR	NIL	-13	-16	-14				0 01/13/2017	144	-17	35	1038 SH		4	6					C	<a href="#">Hilda wx plot</a>
01/13/2017	06:10	CLR	NIL	-13	-16	-14	0			11 01/13/2017	144	-15	30	1035 SH		4	6					C	<a href="#">Hilda wx plot</a>
01/12/2017	06:15	CLR	NIL	-16	-18	-18	0			12 01/05/2017	146	-20	35	1026 SH		2	5					C	<a href="#">Hilda wx plot</a>
01/12/2017	16:05	CLR	NIL	-13	-18	-13				11 01/05/2017	145	-16	35	1030 SH		2	5					L	NW <a href="#">Hilda wx plot</a>
01/11/2017	06:15	CLR	NIL	-21	-24	-21	1			12 01/05/2017	147	-17	30	1017 SH		1		DF	1			L	NW <a href="#">Hilda wx plot</a>
01/11/2017	16:15	CLR	NIL	-16	-21	-17				12 01/05/2017	146	-18	35	1023 SH		1	2					C	<a href="#">Hilda wx plot</a>
01/10/2017	16:00	OVC	NIL	-17	-21	-21				13 01/05/2017	148	-15	40	1012 PPrrm		0.5	1					L	SE <a href="#">Hilda wx plot</a>
01/10/2017	06:15	OVC	S-1	-11	-17	-17	4			13 01/05/2017	148	-15	35	1007 PPrrm		0.5	1					L	SE <a href="#">Hilda wx plot</a>
01/09/2017	06:00	OVC	S-1	-7	-12	-8	8			9 01/05/2017	147	-7	40	1002 PPrrm		1	3					L	S <a href="#">Hilda wx plot</a>
01/09/2017	16:15	OVC	S-1	-8	-11	-10				9 01/05/2017	145	-8	35	1003 PP		1	3	PPgp	2	3		L	NW <a href="#">Hilda wx plot</a>
01/08/2017	16:30	OVC	S-1	-10	-14	-12				1 01/05/2017	140	-11.6	35	1014 DF		1	2					L	SE <a href="#">Hilda wx plot</a>
01/08/2017	06:35	CLR	NIL	-12	-16	-15	0			1 01/05/2017	140	-13	30	1029 DF				SH				C	<a href="#">Hilda wx plot</a>

## Field Summary

Date	Location(s)	T Low	T High	HS	HST	HN24	PM Sky	PM PRTI	PM SfcForm	PM Size Min	PM WdSp	PM WdDir
<b>Selkirk Mountains</b>												
01/14/2017	<a href="#">Hilda</a>	-10	-4	190	0	0 CLR	NIL	FCsf		1 L		SW
01/13/2017	<a href="#">Hilda</a>	-15	-11	190	0	0 CLR	NIL	FCsf		1 L		SW
01/12/2017	<a href="#">Hilda</a>	-19	-8	190	15	0 CLR	NIL	DF		2 L		VAR
01/11/2017	<a href="#">Hilda</a>	-19	-14	190	15	0 CLR	NIL			L		N
01/10/2017	<a href="#">Hilda</a>	-23.5	-18	190	15	5 CLR	NIL			L		W
01/09/2017	<a href="#">Hilda</a>	-11	-8	180	8	8 OVC	NIL			L		SW
01/08/2017	<a href="#">Hilda</a>	-12	-10	220		0 OVC	NIL	DF		L		NE

## Avalanche Summary

Date	Summary
<b>Selkirk Mountains</b>	
01/14/2017	No new avalanches observed
01/13/2017	1 size 2 Sa - see table
01/12/2017	1 Sz 1 Sa WSL on NE Asp at 2050m on a steep roll, and a couple of whumpfs Upper TL and ALP. Otherwise no new.
01/11/2017	A couple of Sc Sz 1 VSSL 20 deep out of upper TL/ALP
01/10/2017	Minor sloughing out of steep terrain to Size 1.5 in recent lee features
01/09/2017	A couple of small slabs to sz 1 within HN, out of steep lee terrain below cliffs.
01/08/2017	No new avalanches observed

## Snowpack Observations

Date	Location	Summary
------	----------	---------

Date	Location	Summary
<b>Selkirk Mountains</b>		
01/12/2017	<a href="#">Hilda</a>	TP 2300m, SE Asp, 30 deg, HS 130 below Gateway col. CTM 12 (PC) dn 25 CTM 16 (BK) dn 90 on FC/CR
01/12/2017	<a href="#">Hilda</a>	TP at 2280m on SE Asp of Mt Prough 35 deg, HS 275. CTE 4 (RP) x2 dn 25 on stellars below a 1F slab. CTM 15 (SP) dn 70 on FC 1-2 with P stiffness above and below. Unrepeated.
01/11/2017	<a href="#">Hilda</a>	Hildabilly Col, 2350m N Asp, 33deg, HS 190 CTE 4 (PC) x2 dn 20 F HST over stellars CTM 15/16 (SP) dn 56 on FC/SH suspect 161218
01/10/2017	<a href="#">Hilda</a>	Gateway Col NE asp, 2275m, 30deg, HS 190 CTE 8 (PC) x2 dn 15 CTM 13 (RP) x2 dn 25
01/10/2017	<a href="#">Hilda</a>	S Asp 2300m 30deg HS 190 Gateway col. CTE 1 (RP) x 2 dn 25 low density recent HST CTM 12&16 (SP) x 2 dn 52 (dec 18?) FC sz 1-2 & spotty SH sz 3 below 25cm 1F wsl. CTM 20 (BK) dn 65 FC
01/10/2017	<a href="#">Hilda</a>	SE Asp 35 deg Teardrop glades 2275m CTE 1 (RP) x2 dn 20 F to 4F density change CTM 15 (RP) x2 dn 25 at second density change

### Snowpack Description

Date	Description
<b>Selkirk Mountains</b>	
01/14/2017	Wind-effect on bigger North features in tenure from down-flow winds and on W quadrant aspects. Faceted soft surface snow in sheltered locations. Thin sun-crust on steep solar aspects. Below 1900m and in shallow areas snowpack is faceted to ground. Better settled on average with deeper HS above 2300m and on N'ly aspects. December FC PWLs becoming reactive to skier traffic on thin shallow solar aspects.
01/13/2017	Variable surface conditions with localized wind effect, widespread surface faceting and SH needles to 5mm below 2150m. Variable distribution of buried windslab. Continued faceting of snowpack with attenuation of strength and height of snowpack below 1900m. PWL's in upper snowpack reactive to skier traffic in shallow thin snowpack areas today.
01/12/2017	Localized variable wind-effect in ALP and exposed TL, some Sun effect on steep solar. Some needle SH growth BTL to 5mm. In sheltered TL and below snowpack is very faceted. Variable HS and corresponding strength in ALP. Still lingering concerns for PWL's especially given variability and continuing strong temp gradients.
01/11/2017	Wind textured variable surface in ALP from soft HST to thin wind-skin to scoured old surface. Above 2200m snowpack gains strength and becomes more uniform, below 2200m snowpack is increasingly faceted and unconsolidated. Shears persisting in snowpack tests but largely unreactive to skier traffic in zones covered today.
01/10/2017	Valley Fog to ridgetop and L west winds, 15cm HST over the Jan 6 mostly faceted snow and wind affected previous surfaces. Minor Na and skier induced sloughing, easy to mod shears in upper pack but no other signs of reactivity to skiing. Minimal wind affect in areas travelled to 2400m. Snowpack has more strength with elevation; below 1900m largely faceted and unresponsive.
01/09/2017	10cm HN, moderately wind affected from SW quadrant winds above TL with isolated soft slabs in immediate lees, and cross-loaded features or from downflow winds. No signs of instability below HN in zones skied today. ~25cm ski pen. Increasingly faceted snowpack as HS decreases with elevation, particularly below ~2100m.
01/08/2017	Exchange day - limited ski program. A few TP's on a NE asp 1930-2200m showed significant difference in HS (140-265cm) with elevation. A fairly faceted snowpack with right-side up resistance profile supportive to skiers (PS 20cm). No significant shears noted in CT's. Variable wind-effect observed in ALP features. Loose surface sluffing on steep rolls.

### Avalanche Hazard

Date	Av Problems	Hazard Rating	Comment
<b>Selkirk Mountains</b>			
01/14/2017	<a href="#">Persistent Slab (December 26)</a> : P x Size 1.5 <a href="#">Wind Slab</a> : U x Size 1		Variability in HS and extent of faceting.
01/13/2017	<a href="#">Persistent Slab (December 26)</a> : P x Size 1.5 <a href="#">Wind Slab</a> : U x Size 1		
01/12/2017	<a href="#">Wind Slab</a> : U-P x Size 1		
01/11/2017	<a href="#">Wind Slab</a> : U-P x Size 1		
01/10/2017	<a href="#">Wind Slab</a> : U-P x Size 1		Still only third day in the tenure.
01/09/2017	<a href="#">Wind Slab</a> : U-P x Size 1 <a href="#">Wind Slab (December 26)</a> : U x Size 1		Ltd obs
01/08/2017	<a href="#">Storm Slab (December 26)</a> : U-P x Size 1		No ALP obs

### Terrain

Date	% area ob	Comment	Location(s)	Attach

<b>Selkirk Mountains</b>		
01/14/2017	Avoiding punchy faceted shallow HS below lodge elevation and in thin snowpack areas. Also avoiding steep solar aspects.	<a href="#">Hilda</a>
01/13/2017	Avoiding below the lodge elevation	<a href="#">Hilda</a>
01/12/2017	Avoiding ridgetop immediate lee NE Asps and skiing below the lodge due to bushy faceted snowpack	<a href="#">Hilda</a>
01/11/2017	Avoiding some steep lee windloaded features at ridgetop mainly NE asp. Avoiding below 1900m due to poor coverage and facet holes	<a href="#">Hilda</a>
01/10/2017		<a href="#">Hilda</a>
01/09/2017	Working one zone.	<a href="#">Hilda</a>
01/08/2017	Exchange day - 1 run	<a href="#">Hilda</a>