


The winter season of 15/16 in Slovakia and Poland

A person in winter gear is climbing a steep, snow-covered mountain slope. The climber is positioned on the left side of the frame, using a rope and ice axes. The background shows a vast, snow-covered mountain range under a clear blue sky, with a valley visible in the distance.

Marek Biskupič^{1,2} Milan Lizuch¹ Filip Kyzek¹ Andrzej Maciata³

¹ Avalanche Prevention Center of Mountain Rescue Service (HZS), Slovakia

² Institute for Environmental Studies, Charles University in Prague, Czech Republic

³ Mountain Rescue Service (TOPR), Poland

Poland & Slovakia winter 2015/2016

- First snow in September/October
- Temperature above long term average
- Snow height below long term average
- Extraordinary warm winter with low precipitation
- Increased rain on snow events also in higher elevations

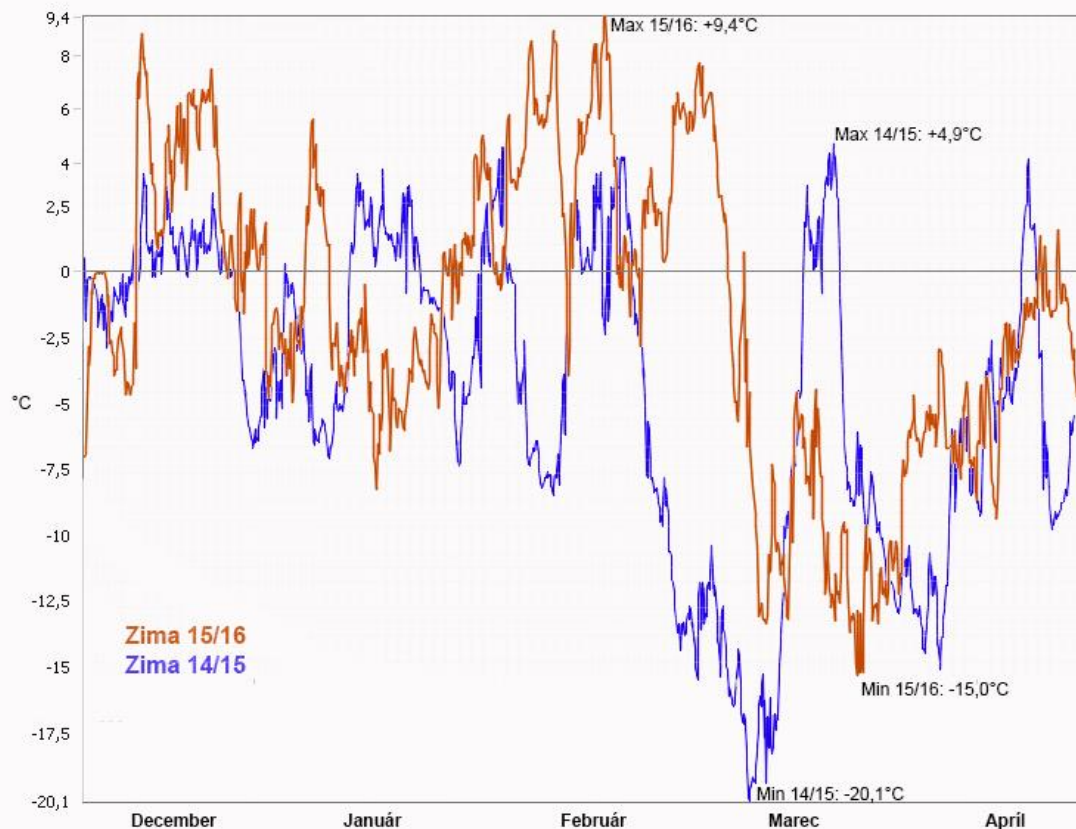


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Air temperature winter 2015/2016

Solisko 1820 m a. s. l.

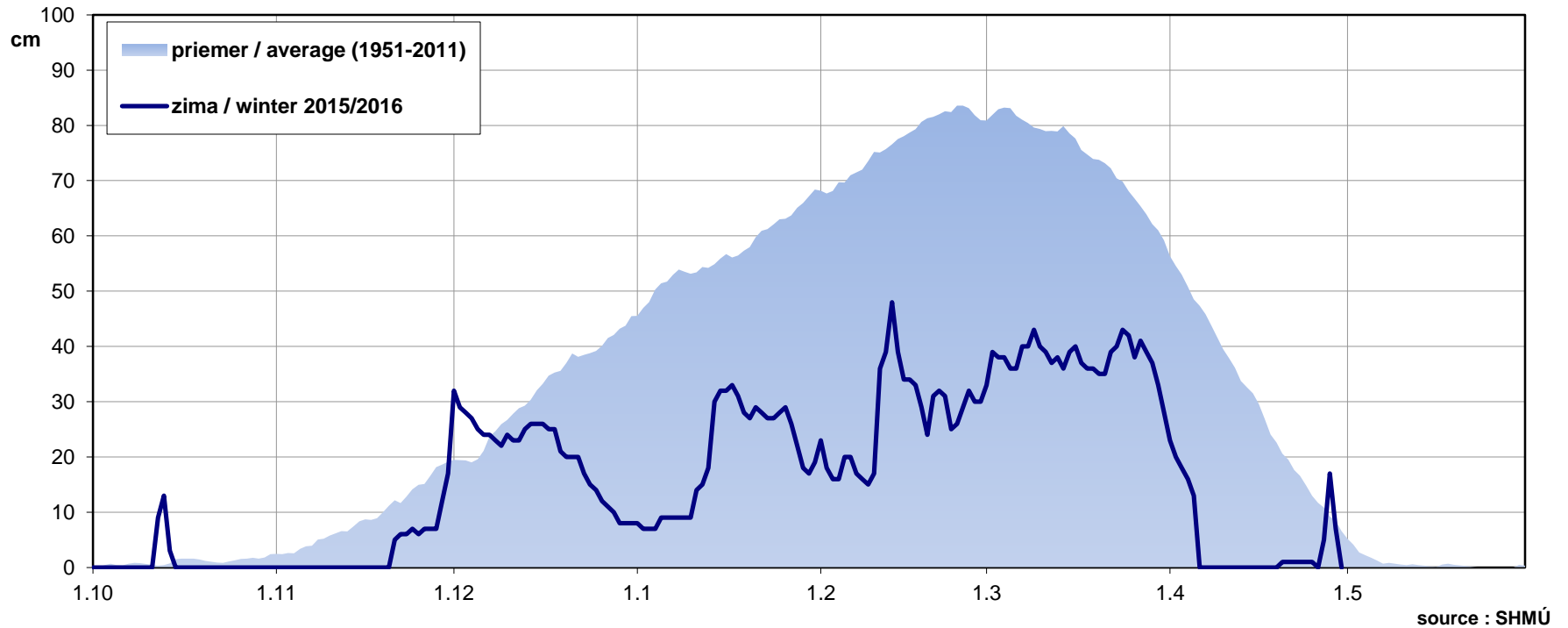


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Snow height winter 2015/2016

Výška snehovej pokrývky / Snow depth, Štrbské pleso (1354 m a.s.l.)

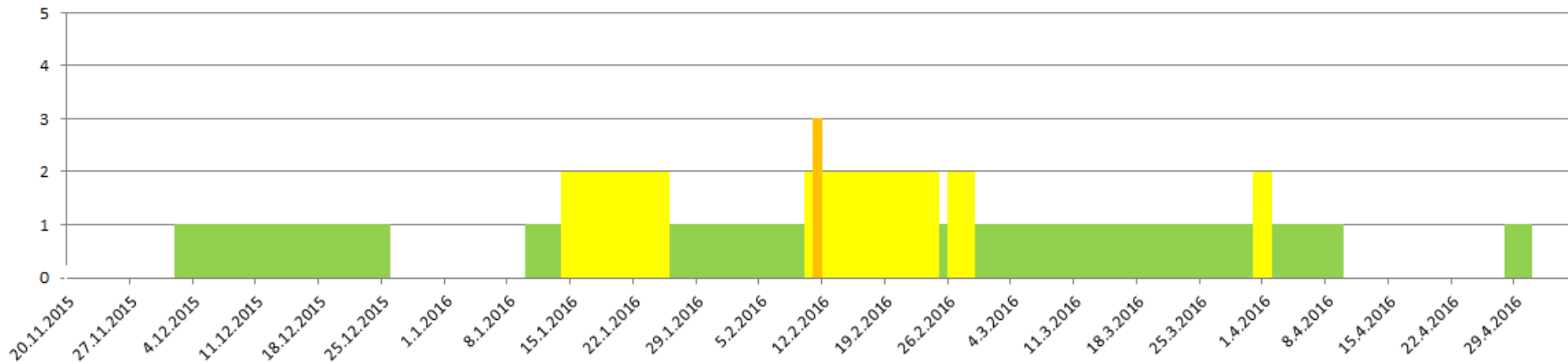


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Avalanche danger level winter 2015/2016

Level of Avalanche Danger
Veľká Fatra 2015/2016



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December 2015



January 2015



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February 2015



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March 2015



April 2015

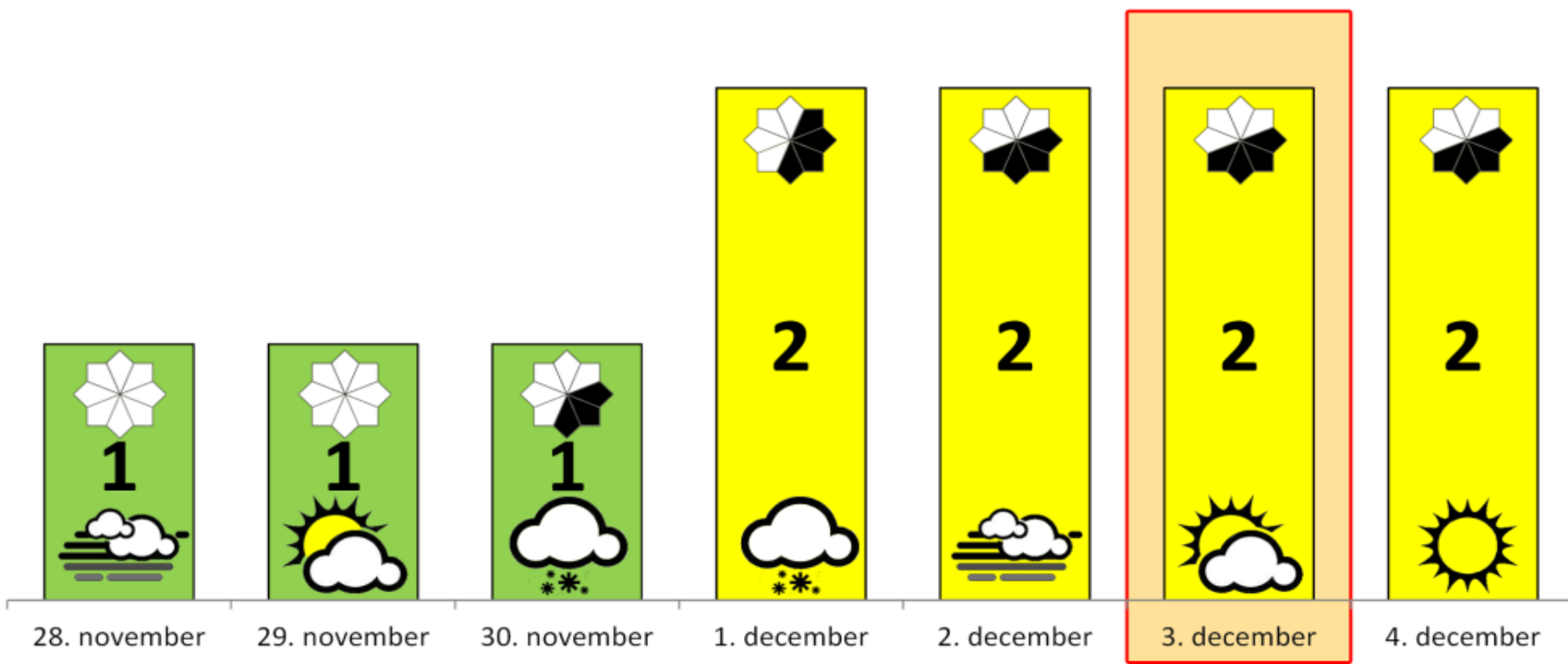




1st avalanche incident 2015/2016

Vývoj stupňa lavínového nebezpečenstva

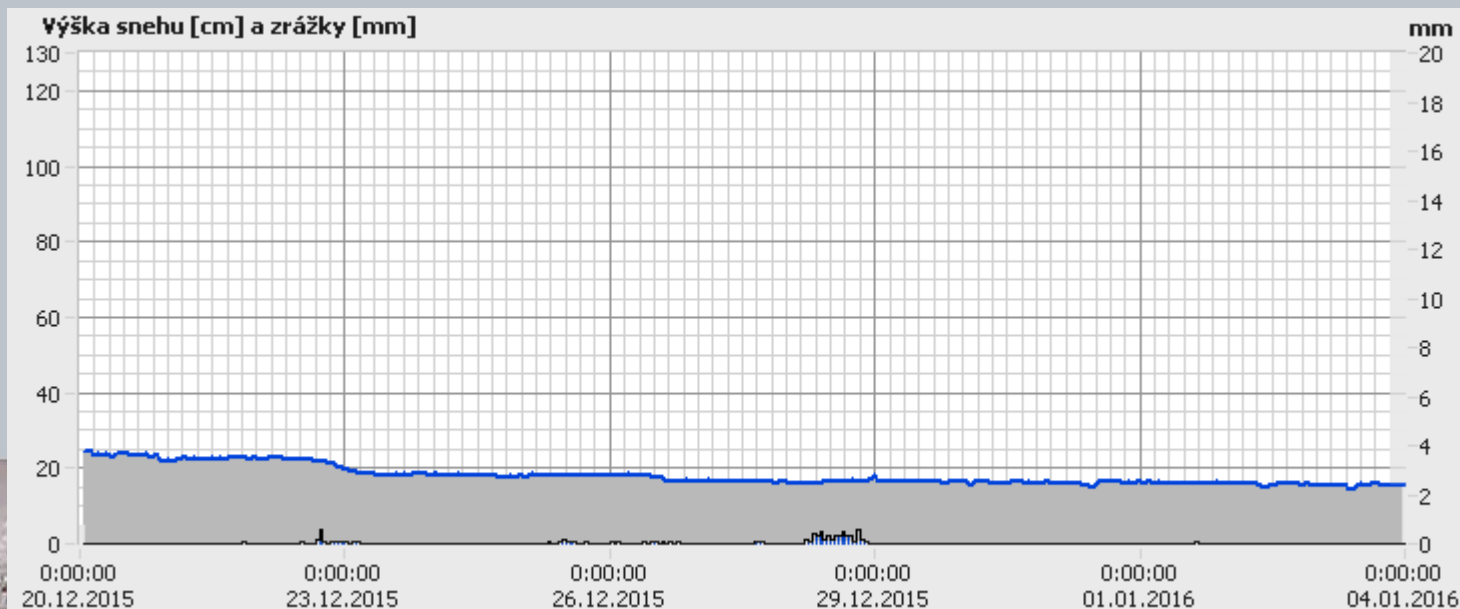
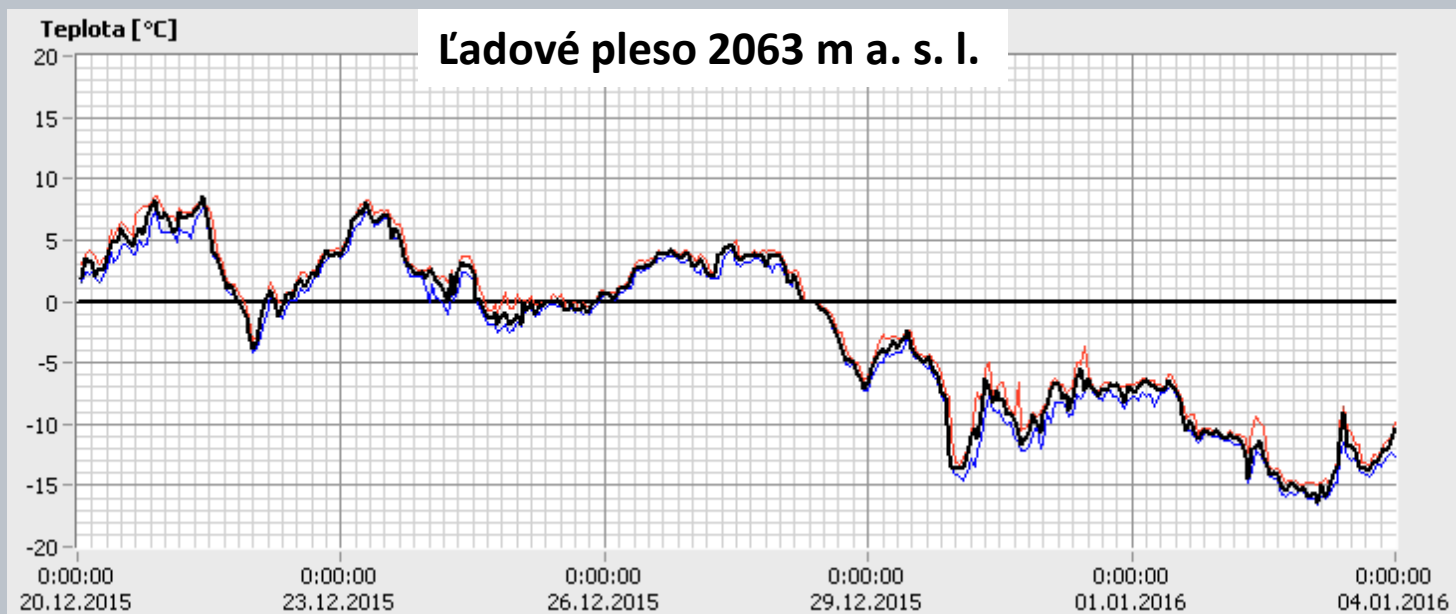
Avalanche danger level



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Black period 25. 12. 2015 – 3. 1. 2016



Black period 25. 12. 2015 – 3. 1. 2016



Black period 25. 12. 2015 – 3. 1. 2016



✝ Fatalities 25. 12. – 3. 1.

25. 12. 2015

8:50 Swinica

29. 12. 2015

8:00 Granaty žleb

30. 12. 2015

7:05 Kozi Wierch

8:00 Rovenky

10:30 Stillov žlab

13:15 Príslop - Parichvost

17:36 Kazalnica Mięguszowiecka

??:?? Hlásna skala

2. 1. 2016

12:45 Rysy

??:?? Salatínska dolina

3. 1. 2016

11:19 dol. Pańszczycy

13:30 Predná Bašta

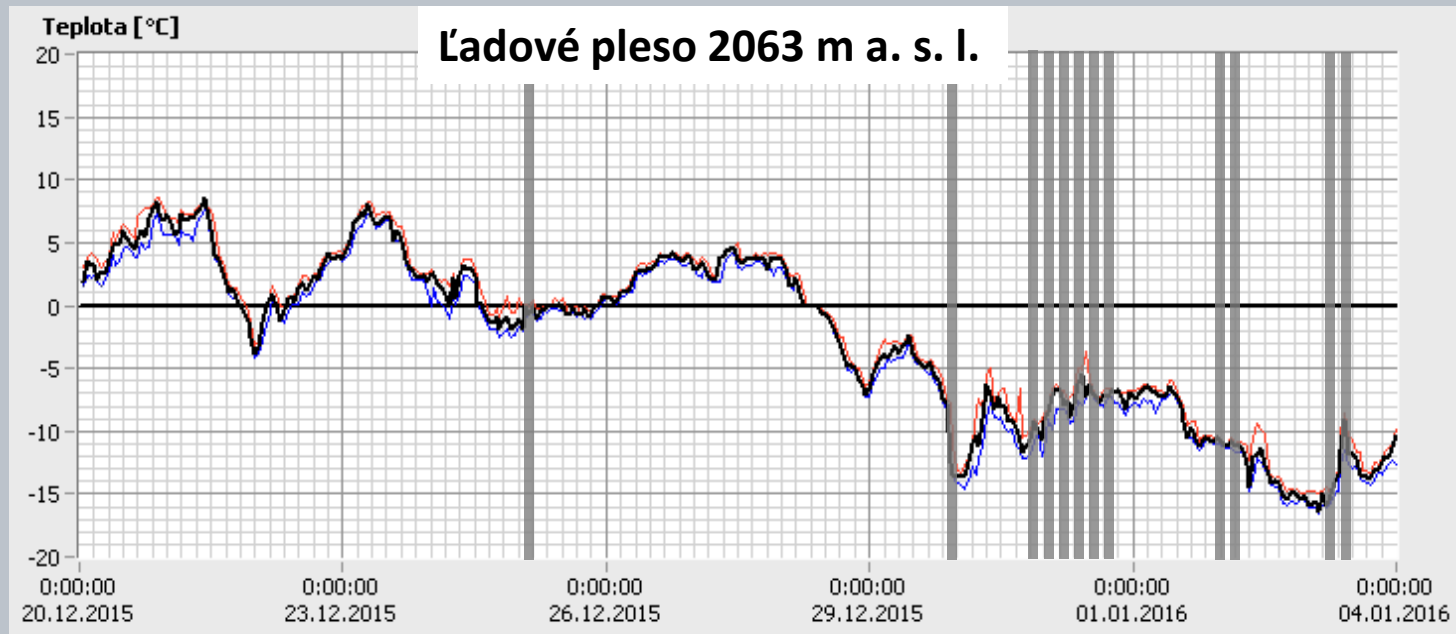
Σ 13 fatal incidents, 1200 km², 10 days



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Black period 25. 12. 2015 – 3. 1. 2016



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Fatal incident 21.2. 2016

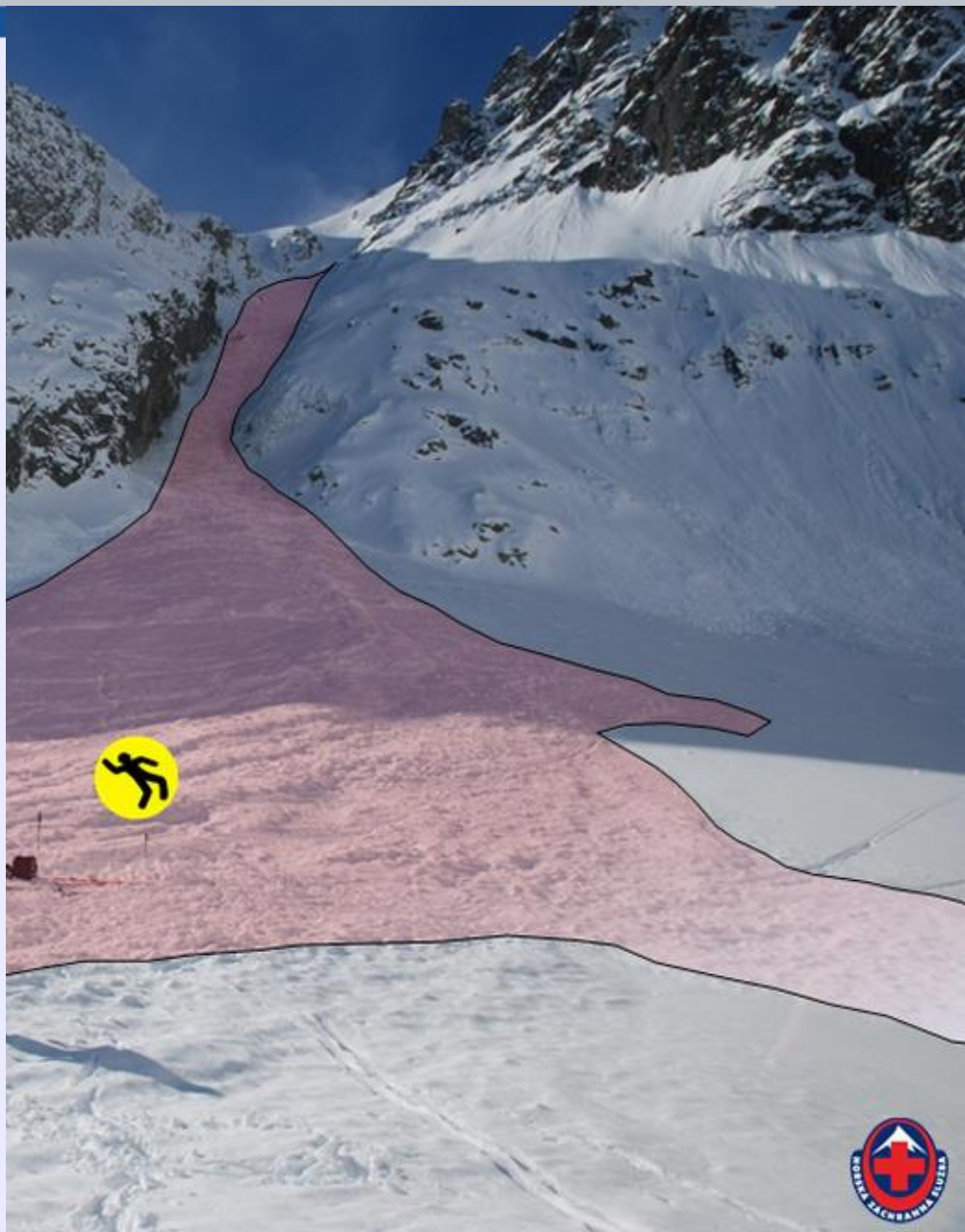
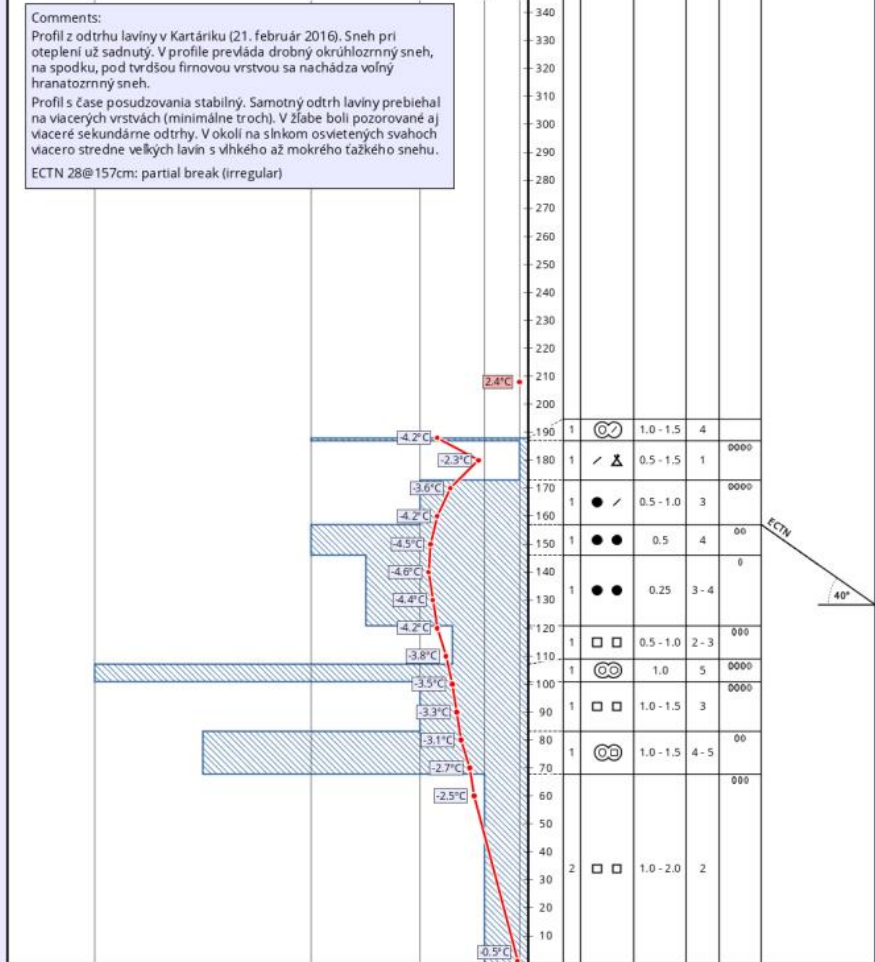
Snowprofile: Vysoké Tatry, Kartárik

Name: Kyzek, Richnavský	e-mail: slp@hzs.sk	Observation date: 22. Feb. 2016 11:00
Location: Vysoké Tatry, Kartárik	Elevation: 2225 m	Air temperature: 2.4°C
Subregion: Slovensko	Incline: 40°	Precipitation: No precipitation
Region: Slovensko	Aspect: NE	Intensity:
Country: Slovensko	Wind speed: Gentle (< 20 km/h)	Sky condition: Few (1/8 - 2/8)
Lat. / Long.: 49.191° / 20.2179°	Wind direction: NW	Profile-class:

+ Precip. particles	● Rounded grains	△ Depth hoar	○ Melt forms	⊠ Faceted, rounded	⊙ Melt-freeze crust
✓ Decomp. / fragm.	□ Faceted crystals	▽ Surface hoar	■ Ice formations	⚠ Graupel	

T(°C)	-22	-20	-18	-16	-14	-12	-10	-8	-6	-4	-2	0	H (cm)	⊙	P	P ₂	D (mm)	K	Lemon	Test
R(N)	1100	1000	900	800	700	600	500	400	300	200	100	0								

Comments:
 Profil z odtrhu lavíny v Kartáriku (21. február 2016). Sneh pri oteplení už sadnutý. V profile prevláda drobný okrúhlozrný sneh, na spodku, pod tvrdšou firnovou vrstvou sa nachádza voľný hranatozrný sneh.
 Profil s čase posudzovania stabilný. Samotný odtrh lavíny prebiehal na viacerých vrstvách (minimálne troch). V žiabe boli pozorované aj viaceré sekundárne odtrhy. V okolí na slnkom osvetlených svahoch viaceré stredne veľkých lavín s vlhkého až mokrého ťažkého snehu.
 ECTN 28@157cm: partial break (irregular)



2015/2016 Summary

Date	Time	Mountain	Place	Threats	Caught	Burial grade			Injured	Killed	Activity	Level
						Full	Partial	Above ground				
3.12.15	14:50	Vysoké Tatry	Kozia stráž	2	2	1	1		1	1	Horolezectvo - zostup	2
13.1.16	10:45	Vysoké Tatry	Pod Ľadovou priehybou	2	1		1		1		Horolezci - výstup	2
18.1.16	12:30	Veľká Fatra	Zvolen	1	1		1				Skialpinista - zjazd	2
23.1.16	13:30	Západné Tatry	Salatín	2	2		2				Skialpinisti - výstup	2
16.2.01	13:59	Západné Tatry	Wołowiec	2	2		1	1	1		Turisti - výstup	2
11.2.16		Vysoké Tatry	Malá Studená dolina, Žltá lávka	1	1		1				Skialpinista - zjazd	3
20.2.16	10:00	Nízke Tatry	Jasná, Lukový kotol	1	1		1		1		Freerajdista - zjazd	2
20.2.16	10:10	Nízke Tatry	Jasná, Lukový kotol	1	1			1	1		Freerajdista - zjazd	2
20.2.16		Vysoké Tatry	Malá Studená dolina, Malý svah – hang	2	2		2				Turisti – výstup	3
20.2.16	12:15	Vysoké Tatry	Malá Studená dolina, Baranie Rohy	1	1		1				Skialpinista - zjazd	3
21.2.16	13:30	Vysoké Tatry	Skalnatá dolina, Kartárik	1	1	1				1	Snowboardista - výstup	3
27.3.16	14:30	Vysoké Tatry	Batizovská dolina, Batizovská próba	2							Turisti - zostup	2
27.3.16	18:00	Západné Tatry	Roháčska dolina, Salatínska dolina, sedlo Parichvost	3	1		1				Skialpinisti - zjazd	2
				21	16	2	12	2	5	2		



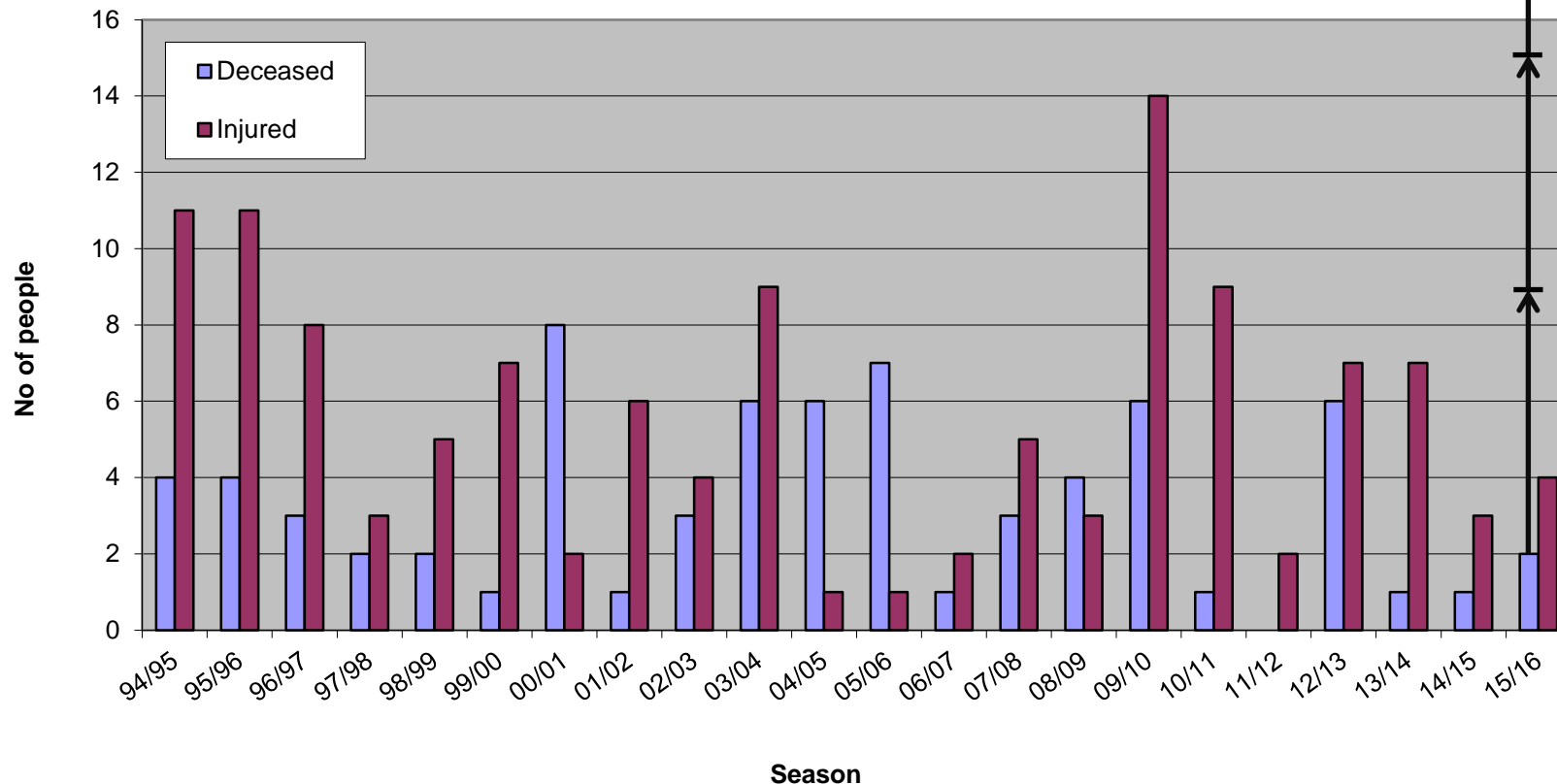
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2015/2016 Summary

Σ : 32

Avalanche fatalities 94/95 - 15/16



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