

Snowprofile: St. Christof

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Place: St. Christof	Elevation: 1826 m	Air temperature: 2.1°C
Subregion: Westl. Verwallgruppe	Incline: 30°	Precipitation: Snow
Region: Tirol	Aspect: E	Intensity: Light
Country: Österreich	Wind speed: Calm (0 km/h)	Sky condition: Fog
Lat/Long : 47.1265° / 10.2061°	Wind direction:	Total snow depth: 232.0 cm

Legend:

- + Precip. particles
- / Decomp. / fragm.
- Rounded grains
- Faceted crystals
- ^ Depth hoar
- v Surface hoar
- Melt forms
- Ice formations
- ⌘ Faceted, rounded
- ⊗ Machine made
- ⊕ Graupel
- ☉ Melt-freeze crust

Temperature Scale (°C): -22, -20, -18, -16, -14, -12, -10, -8, -6, -4, -2, 0

Radiation Scale (W/m²): 1100, 1000, 900, 800, 700, 600, 500, 400, 300, 200, 100, 0

Height Scale (cm): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290

Ice Formation Types: K (Kügelchen), P (Plättchen), F (Fächer), 1F (1-fach), 4F (4-fach)

Comments:

- KB 3@100.0cm: no fracture
- ECT 31: no fracture

Data Table:

H (cm)	Ø	F1	F2	D (mm)	K	Lemon	kg/m³	Test
230-240	1-2	+	/	2.0	1			
220-230	1	/ ●		1.0	3-4		00000	
200-210	1	● □		1.0 - 2.0	5		00	
190-200	1	● □		1.0	4-5		00	
180-190	1	● ●		1.0	4-5		0	
160-170	1	● ●		1.0	4-5		0	
150-160	1	□ □		2.0	3		0000	
140-150	2	● ●		1.0	4-5		0000	
130-140							0	
100-110	2	● ●		1.0	5			

Diagram Details:

- The diagram shows ice formation profiles at different heights. The profile at 100 cm height is labeled "KB3".
- A yellow arrow points from the "KB3" label to the profile at 100 cm height.
- A yellow triangle indicates a slope angle of 30°.