

“Skier/Rider triggered avalanches are possible today. Extra caution should be exercised on steep slopes where crusts are buried under the new snow and where the wind has affected the storm snow.” [RC]

Public Avalanche Forecast

**Danger Ratings: Thursday**

<b>2 - Moderate</b> Heightened avalanche conditions on specific terrain features. Evaluate snow and terrain carefully; identify features of concern.
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<b>1 - Low</b> Generally safe avalanche conditions. Watch for unstable snow on isolated terrain features.

Forecast	Friday	Saturday
alpine	3 - Considerable	3 - Considerable
treeline	3 - Considerable	2 - Moderate
below treeline	2 - Moderate	1 - Low

**Confidence:** Moderate - Due to the number of field observations

Past 24 hour weather						
Station	Maximum (°C)	Minimum (°C)	Snowfall (cm)	Snow Pack (cm)	Wind speed	Ridgetop wind direction
Fidelity 1905m	-3	-7	0	333	Light (1-25 km/h)	SW
Rogers Pass 1315m	Not Available	Not Available	Not Available	Not Available	Moderate (26-40 km/h)	S

**Problem 1: Storm Slabs**

Which Elevation?	Which Slopes?	Chance of Avalanches?	Expected Size?

60cm of storm snow buries a crust up to 2000m on all aspects and into the alpine on solar aspects. 30cm of new snow is settling quickly could be reactive to human presence. Moderate to strong winds have formed wind slabs on lee features.

**Travel and Terrain Advice**

The storm slab may be more sensitive to human triggering on solar aspects where it sits on a crust  
 Use caution in lee areas. Recent wind loading have created wind slabs.

**Problem 2: Cornices**

Which Elevation?	Which Slopes?	Chance of Avalanches?	Expected Size?

Cornices are hard to predict and have been sporadically failing in the park triggering avalanches to size 2.5. New snow, wind and temperature increases are a great recipe for cornice triggered avalanches.

**Travel and Terrain Advice**

Give cornices a wide berth when travelling on or below ridges.  
 Extra caution needed around cornices with current conditions.

# Public Avalanche Information

## Avalanche Bulletin - Glacier National Park - Thu Mar 29, 2018

Issued: Thu Mar 29, 2018 08:18

Valid Until: Fri Mar 30, 2018 08:00

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### Forecast Details

#### Weather Forecast

Today is starting off with some sun, that will make way for clouds near noon and snow falling shortly after. FL will rise to 1300m, mod winds from the SW. No significant accumulation today, but we could see 20cm by tomorrow morning. Friday night into Saturday, there will be a break in the weather before the next low moves over Rogers pass.

#### Snowpack Discussion

30cm in the past 48hrs brings the weekly total to 60cm of storm snow. Moderate to strong winds have redistributed the new snow into wind slab on lee features. Watch for a buried crust up to 2000m on all aspects and on steep solar aspects into the alpine down 30-60cm.

#### Avalanche Activity Discussion

Vague report from a MIN of [Puff Daddy](#), skier accidental? Healthy size 2, ran 200 meters in length, crown up to 1m deep in and 50m wide. A field team in the Illecillewaet area yesterday, observed limited and small activity that occurred during the storm on March 27. Artillery control on the 27th produced results up to size 3.0.