

MSP AM Forecasting

Submitted By: PowderMonarch

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Date

Jan 13, 2019, 5:49:00 AM

Observer

Rogers, Rich

Current Weather Observations

Precipitation per Hour

None

Wind Speed

Light (1-15 MPH)

24 Hr Wind Direction Cardinal Directions

South

Standard Deviation Wind

12.54

Temp - Current

2

Total Settled Base (HS) SS

46

AM Snow Board Reading (HN) SS

2

Overnight Snow Board Reading (HN) SS

1

H2O Content

0.15

Calculated SWE %

7.5

Total Settled Base (HS) Turbo

47

AM Snow Board Reading (HN) Turbo

1

Daily Observations

Natural Avalanches

No

Cracking or Collapsing

No

Wind Loading

Yes

Comments

Wind barely strong enough to transport snow

Current Avalanche Problems

Loose Dry

Yes

Spatial Distribution

Widespread

Sensitivity

Touchy

Comments

lower density new snow lacking cohesion. sluffing in steep terrain

Storm Slab

No

Wind Slab

No

Persistent Slab

Yes

Spatial Distribution

Specific

Sensitivity

Stubborn

Wet

No

Mitigation Work Completed

In Bounds

- **Ski Cuts**

Mirkwood

- **Ski Cuts**

Cat Terrain

- **Ski Cuts**

Weather and Avalanche Forecasts

CAIC Weather Forecast

	Sunday	Sunday Night	Monday
Temperature (°F)	17 to 22	2 to 7	21 to 26
Wind Speed (mph)	2 to 12	2 to 12	2 to 12
Wind Direction	SSW	W	W
Sky Cover	Mostly Cloudy	Partly Cloudy	Mostly Clear
Snow (in)	0 to 2	0 to 1	0

Forecast & Plan

Snow midweek. Ski pack places that did not get skied during this storm. Surface hoar present, seek and destroy. Winds are creeping back around to S-SW-W. Look for blowing snow on to skiable aspects as SW winds increase. Fetch fields are reloaded.

Forecast Confidence

High Confidence

Confidence Comments

lower density new snow lacking cohesion. sluffing in steep terrain