

MSP AM Forecasting

Submitted by: PowderMonarch

Submitted time: Mar 3, 2019, 6:15:32 AM

Date

Mar 3, 2019, 5:59:00 AM

Observer

Rogers, Rich

Current Weather Observations

Precipitation per Hour

Moderate (S2)

Wind Speed

Moderate (16-25 MPH)

24 Hr Wind Direction Cardinal Directions

West South West

Standard Deviation Wind

8

Temp - Current

20

Total Settled Base (HS) SS

85

AM Snow Board Reading (HN) SS

10.5

8

H2O Content

1.15

Calculated SWE %

10.952381

Total Settled Base (HS) Turbo

85

AM Snow Board Reading (HN) Turbo

10.5

Daily Observations

Natural Avalanches

No

Cracking or Collapsing

Yes

Wind Loading

Yes

Current Avalanche Problems

Loose Dry

No

Storm Slab

Yes

Widespread

Sensitivity

Stubborn

Wind Slab

Yes

Spatial Distribution

Specific

Sensitivity

Stubborn

Persistent Slab

Yes

Spatial Distribution

Specific

Sensitivity

Stubborn

Wet

No

Mitigation Work Completed

In Bounds

- **Ski Cuts**

Mirkwood

- **Ski Cuts**

- **Ski Cuts**

Weather and Avalanche Forecasts

CAIC Weather Forecast

	Sunday	Sunday Night	Monday
Temperature (°F)	22 to 27	12 to 17	19 to 24
Wind Speed (mph)	15 to 25	11 to 21	15 to 25
Wind Direction	W	W	W
Sky Cover	Overcast	Overcast	Mostly Cloudy
Snow (in)	4 to 7	3 to 5	0 to 2

Forecast & Plan

Snow continuing through tonight. Propagation observed on steep break-overs breaking in new snow. New/old snow interface seems to be bonding well. Storm slab cracking on wind loaded features with steep break-overs. Cornices should be stubborn-reactive.

Forecast Confidence

High Confidence