2016/2017 WINTER STORM #6

2016-17 Winter Storm #6: December 22-23, 2016
Senator Beck Basin Study Area, at Red Mountain Pass, CO

**Storm Summary Statistics:**

Storm precip began between 0000–0100 hrs MST Thursday December 22, 2016 (DOY 357)
Storm precipitation ended: 0800 hrs MST Friday, December 23, 2016 (DOY 358)
Storm duration = 32 hrs
Storm total water content at SASP = 21 mm (0.8 inches)
Mean Precip intensity: 0.64 mm/hr
Max Precip intensity: 2 mm/hour on multiple occasions.
Max gain in snow depth at SASP = 20.3 cm (8.0 inches)
Max gain in snow depth at SBSP (wind affected) = NA
Peak Gust at PTSP at: 1408 hrs MST Thursday, December 22, 2016 (DOY 357)

**Storm Wind Rose (Putney Study Plot data):**

CSAS Putney Study Plot 12,323 ft.

No. of hours: 32
No. of missing hours: 0
From hour ending: Dec 22, 2016 0000 MST
To: Dec 23, 2016 0700 MST

Avg. wind dir: 197
Avg. wind spd: 16.1 mph
Peak gust: 42.2 mph

Average Hourly Wind Speed (mph):

- >45
- 22-45
- 11-22
- 6-11
- 0-6
- calm