2018/2019 WINTER STORM #7
2018-19 Winter Storm #7: Dec 31, 2018-Jan 1, 2019
Senator Beck Basin Study Area, at Red Mountain Pass, CO

Storm Summary Statistics:
Storm precip began between 0400 – 0500 hrs MST Monday, December 31, 2018 (DOY 365)
Storm precipitation ended: 1200 hrs MST Tuesday, January 01, 2019 (DOY 001)
Storm duration = 33 hrs
Storm total water content at SASP = 16 mm (0.6 inches)
Mean precip intensity: 0.48 mm/hr
Max precip intensity: 2 mm/hour on DOY 001 at 0300.
Max gain in snow depth at SASP = 10.2 cm (4.0 inches)
Max gain in snow depth at SBSP (wind affected) = 19.8 cm (7.8 inches)
Peak gust at PTSP at: 0900 hrs MST Tuesday, January 01, 2019 (DOY 001)

Storm Wind Rose (Putney Study Plot data)
CSAS Putney Study Plot 12,323 ft.
No. of hours: 33
No. of missing hours: 0
From hour ending: Dec 31, 2018 0400 MST
To: Jan 01, 2019 1200 MST
Avg. wind dir: 182
Avg. wind spd: 13.8 mph
Peak gust: 37.6 mph

Average Hourly Wind Speed (mph)
- >45
- 22-45
- 11-22
- 6-11
- 0-6
- calm