2017/2018 WINTER STORM #7

2017-18 Winter Storm #7: Feb 18-19, 2018
Senator Beck Basin Study Area, at Red Mountain Pass, CO

Storm Summary Statistics:
Storm precip began between 2200 – 2300 hrs MST Sunday, February 18, 2018 (DOY 49)
Storm precipitation ended: 2100 hrs MST Monday, February 19, 2018 (DOY 50)
Storm duration = 23 hrs
Storm total water content at SASP = 15 mm (0.6 inches)
Mean precip intensity: 0.65 mm/hr
Max precip intensity: 3 mm/hour between 1600 and 1700 hrs MST Monday, February 19 (DOY 50)
Max gain in snow depth at SASP = 16.1 cm (6.3 inches)
Max gain in snow depth at SBSP (wind affected) = 4.1 cm (1.6 inches)
Peak gust at PTSP at: 1440 hrs MST Monday, February 19, 2018 (DOY 50)

Storm Wind Rose (Putney Study Plot data):

No. of hours: 23
No. of missing hours: 0

From hour ending: Feb 18, 2018 2300 MST
To: Feb 19, 2018 2100 MST
Avg. wind dir: 211
Avg. wind spd: 38.5 mph
Peak gust: 83.5 mph

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