2017/2018 WINTER STORM #11

2017-18 Winter Storm #11: March 22-23, 2018
Senator Beck Basin Study Area, at Red Mountain Pass, CO

Storm Summary Statistics:
Storm precip began between 1500 – 1600 hrs MST Thursday, March 22, 2018 (DOY 81)
Storm precipitation ended: 1400 hrs MST Friday, March 23, 2018 (DOY 82)
Storm duration = 23 hrs
Storm total water content at SASP = 13 mm (0.5 inches)
Mean precip intensity: 0.57 mm/hr
Max precip intensity: 2 mm/hour between 0800 and 0900 hrs MST Friday, March 23, 2018 (DOY 82)
Max gain in snow depth at SASP = 6.9 cm (2.7 inches)
Max gain in snow depth at SBSP (wind affected) = -2.1 cm (-0.8 inches)
Peak gust at PTSP at: 1006 hrs MST Friday, March 22, 2018 (DOY 82)

Storm Wind Rose (Putney Study Plot data):
CSAP Putney Study Plot 12,323 ft.
No. of hours: 23
No. of missing hours: 0
From hour ending: Mar 22, 2018 1600 MST
To: Mar 23, 2018 1400 MST
Avg. wind dir: 214
Avg. wind spd: 30.5 mph
Peak gust: 82.9 mph

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