2015/2016 WINTER STORM #21
2015-16 Winter Storm #21 April 27-29, 2016
Senator Beck Basin Study Area, at Red Mountain Pass, CO

Storm Summary Statistics:
Storm precip began between 700 – 800 hrs MST Wednesday April 27, 2016 (DOY 118)
Storm precipitation ended: 200 hrs MST Friday, April 29, 2016 (DOY 120)
Storm duration = 44 hrs
Storm total water content at SASP = 19 mm (0.7 inches), as snow
Mean Precip intensity: 0.43 mm/hr
Max Precip intensity: 3 mm/hour on 700 MST Thursday April 28, 2016 (DOY 119).
Max gain in snow depth at SASP = 5.5 cm (2.2 inches) of snow
Max gain in snow depth at SBSP (wind affected) = 23.6 cm (9.3 inches) of snow
Peak Gust at PTSP at: 944 hrs MST Thursday, April 28, 2016 (DOY 119)

Storm Wind Rose (Putney Study Plot data):

No. of hours: 44
No. of missing hours: 0
From hour ending: Apr 27, 2016 0700 MST
To: Apr 29, 2016 0200 MST
Avg. wind dir: 179
Avg. wind spd: 12.6 mph
Peak gust: 48.1 mph

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