2020/2021 WINTER STORM #16

2020-2021 Winter Storm #16: April 27, 2021
Senator Beck Basin Study Area, at Red Mountain Pass, CO

Storm Summary Statistics:
Storm precip began between 100 – 200 hrs MST Tuesday, April 27, 2021 (DOY 117)
Storm precipitation ended: 2200 hrs MST Tuesday, April 27, 2021 (DOY 117)
Storm duration = 22 hrs
Storm total water content at SASP = 15 mm (0.6 inches)
Mean precip intensity: 0.68 mm/hr
Max precip intensity: 3 mm/hour, multiple occasions
Max gain in snow depth at SASP = 7.7 cm (3.0 inches)
Max gain in snow depth at SBSP (wind affected) = 10.2 cm (4.0 inches)
Peak gust at PTSP at 40.6 mph at 235 hrs MST Tuesday, April 27, 2021 (DOY 117)

Storm Wind Rose (Putney Study Plot data):

Cleaner Wind Rose Image

CSAS Putney Study Plot 12,323 ft.
No. of hours: 22
No. of missing hours: 0
From hour ending: April 27, 2021 0100 MST
To: April 27, 2021 2200 MST
Avg. wind dir: 188
Avg. wind spd: 12.2 mph
Peak gust: 40.6 mph