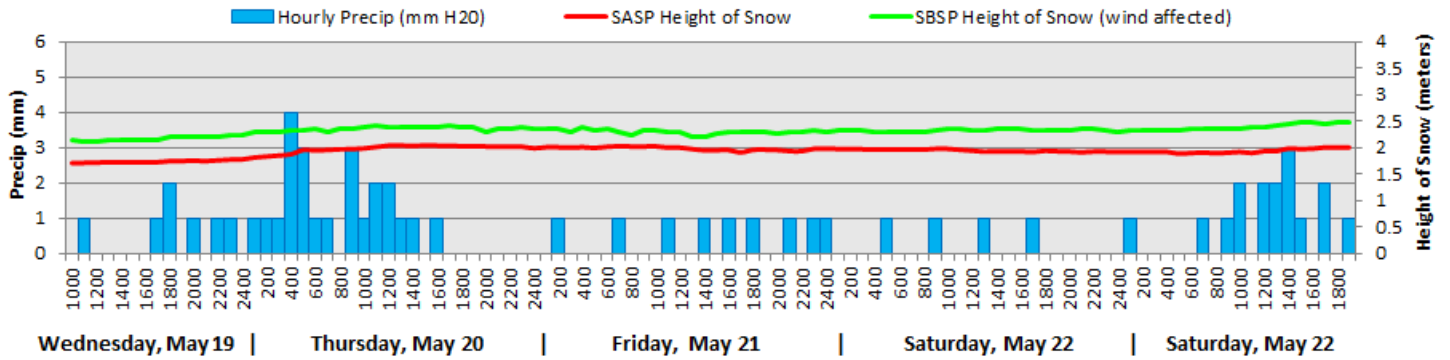


2018/2019 WINTER STORM #27

2018-19 Winter Storm #27: May 19-May 23, 2019

Senator Beck Basin Study Area, at Red Mountain Pass, CO



Storm Summary Statistics:

Storm precip began between 1000 – 1100 hrs MST Wednesday, May 19, 2019 (DOY 139)

Storm precipitation ended: 1900 hrs MST Sunday, May 23, 2019 (DOY 143)

Storm duration = 106 hrs

Storm total water content at SASP = 59 mm (2.3 inches)

Mean precip intensity: 0.56 mm/hr

Max precip intensity: 4 mm/hour on Thursday, May 20, at 0400

Max gain in snow depth at SASP = 29.4 cm (11.6 inches)

Max gain in snow depth at SBSP (wind affected) = 34 cm (13.4 inches)

Peak gust at PTSP at: 1244 on Thursday, May 23, 2019 (DOY 143)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 106
No. of missing hours: 0

From hour ending: May 19, 2019 1000 MST
To: May 23, 2019 1900 MST

Avg. wind dir: 193
Avg. wind spd: 19.4 mph
Peak gust: 89.6 mph

