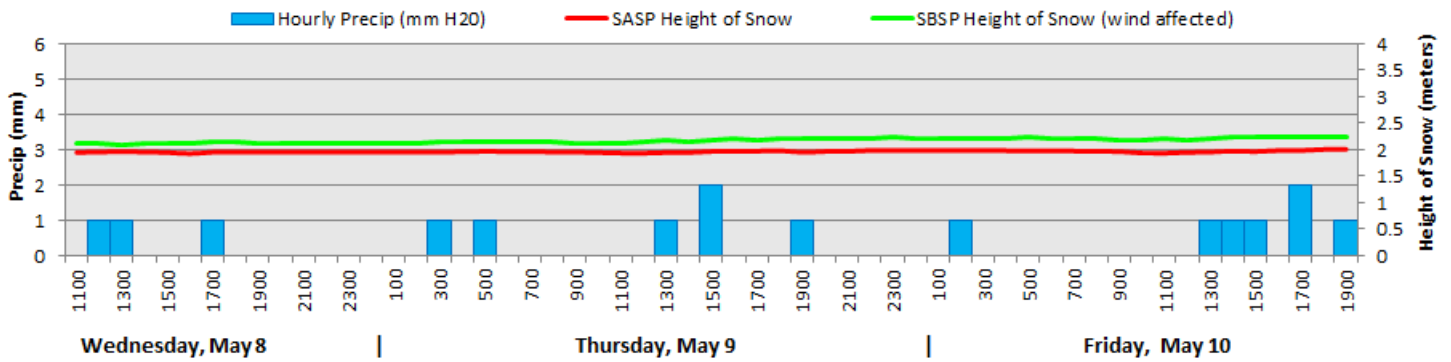


2018/2019 WINTER STORM #25

2018-19 Winter Storm #25: May 8-May 10, 2019

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



Storm Summary Statistics:

Storm precip began between 1000 – 1100 hrs MST Wednesday, May 8, 2019 (DOY 128)

Storm precipitation ended: 0100 hrs MST Friday, May 10, 2019 (DOY 130)

Storm duration = 57 hrs

Storm total water content at SASP = 16 mm (0.6 inches)

Mean precip intensity: 0.28 mm/hr

Max precip intensity: 2 mm/hour on multiple occasions

Max gain in snow depth at SASP = 6.1 cm (2.4 inches)

Max gain in snow depth at SBSP (wind affected) = 9.7 cm (3.8 inches)

Peak gust at PTSP at: 1322 on Thursday, May 8, 2019 (DOY 129)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 57

No. of missing hours: 0

From hour ending: May 08, 2019 1000 MST

To: May 10, 2019 1800 MST

Avg. wind dir: 239

Avg. wind spd: 8.1 mph

Peak gust: 34.7 mph

