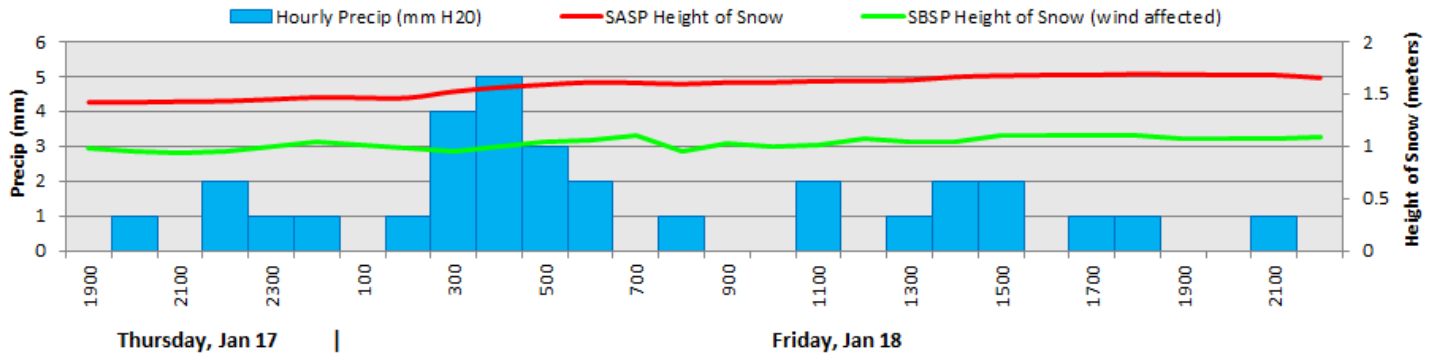


2018/2019 WINTER STORM #10

2018-19 Winter Storm #10: Jan 17-18, 2019

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



Storm Summary Statistics:

Storm precip began between 1900 – 2000 hrs MST Thursday, January 17, 2019 (DOY 17)

Storm precipitation ended: 2100 hrs MST Friday, January 18, 2019 (DOY 18)

Storm duration = 27 hrs

Storm total water content at SASP = 31 mm (1.2 inches)

Mean precip intensity: 1.48 mm/hr

Max precip intensity: 5 mm/hour on Friday at 0400 multiple occasions

Max gain in snow depth at SASP = 26.1 cm (10.3 inches)

Max gain in snow depth at SBSP (wind affected) = 9.5 cm (3.7 inches)

Peak gust at PTSP at: 1345 hrs MST Tuesday, January 16, 2019 (DOY 16)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 28

No. of missing hours: 0

From hour ending: Jan 17, 2019 1900 MST

To: Jan 18, 2019 2200 MST

Avg. wind dir: 329

Avg. wind spd: 21.9 mph

Peak gust: 70.0 mph

