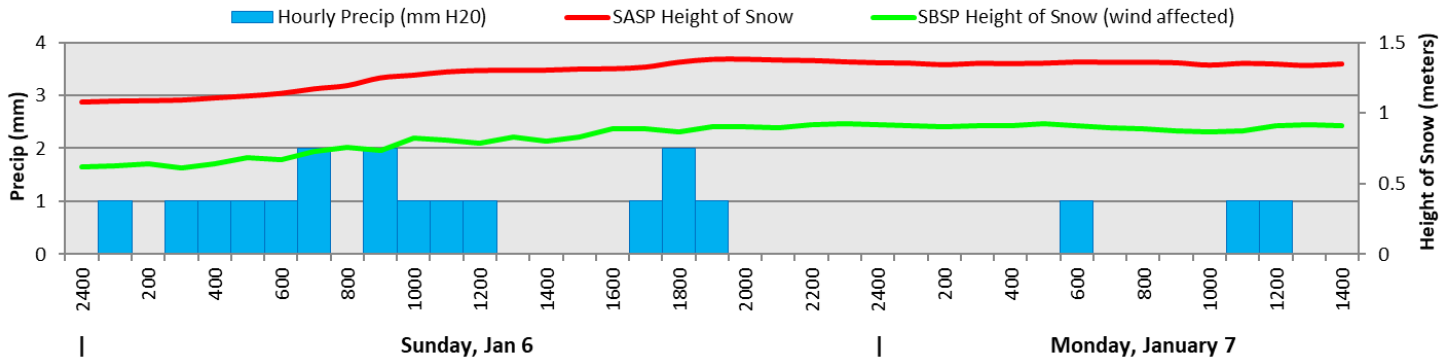


2018/2019 WINTER STORM #8

2018-19 Winter Storm #8: Jan 5-7, 2019

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



Storm Summary Statistics:

Storm precip began between 2400 – 0100 hrs MST Saturday, January 5, 2019 (DOY 005)

Storm precipitation ended: 1200 hrs MST Monday, January 7, 2019 (DOY 007)

Storm duration = 37 hrs

Storm total water content at SASP = 19 mm (0.7 inches)

Mean precip intensity: 0.51 mm/hr

Max precip intensity: 2 mm/hour on DOY 006 at multiple times.

Max gain in snow depth at SASP = 16.7 cm (10.5 inches)

Max gain in snow depth at SBSP (wind affected) = 29.4 cm (11.6 inches)

Peak gust at PTSP at: 2000 hrs MST Sunday, January 06, 2019 (DOY 006)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 37

No. of missing hours: 0

From hour ending: Jan 06, 2019 0000 MST

To: Jan 07, 2019 1200 MST

Avg. wind dir: 213

Avg. wind spd: 21.6 mph

Peak gust: 47.8 mph

