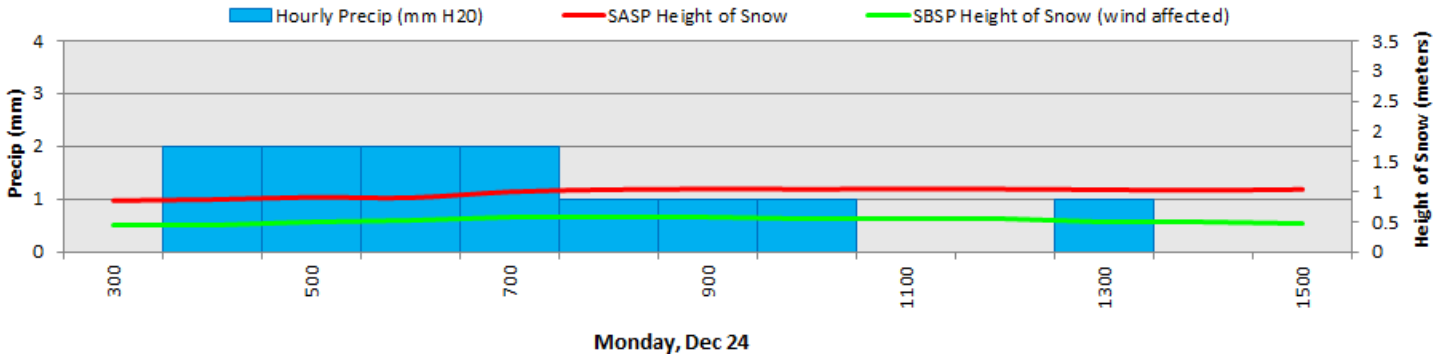


2018/2019 WINTER STORM #5

2018-19 Winter Storm #5: Dec 24, 2018

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



Storm Summary Statistics:

Storm precip began between 0300 – 0400 hrs MST Monday, December 24, 2018 (DOY 358)

Storm precipitation ended: 1300 hrs MST Monday, December 24, 2018 (DOY 358)

Storm duration = 11 hrs

Storm total water content at SASP = 12 mm (0.5 inches)

Mean precip intensity: 1.09 mm/hr

Max precip intensity: 2 mm/hour on DOY 358 at multiple times.

Max gain in snow depth at SASP = 18.1 cm (7.1 inches)

Max gain in snow depth at SBSP (wind affected) = 7.3 cm (2.9 inches)

Peak gust at PTSP at: 1000 hrs MST Monday, December 24, 2018 (DOY 358)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 11

No. of missing hours: 0

From hour ending: Dec 24, 2018 0300 MST

To: Dec 24, 2018 1300 MST

Avg. wind dir: 281

Avg. wind spd: 23.3 mph

Peak gust: 53.2 mph

