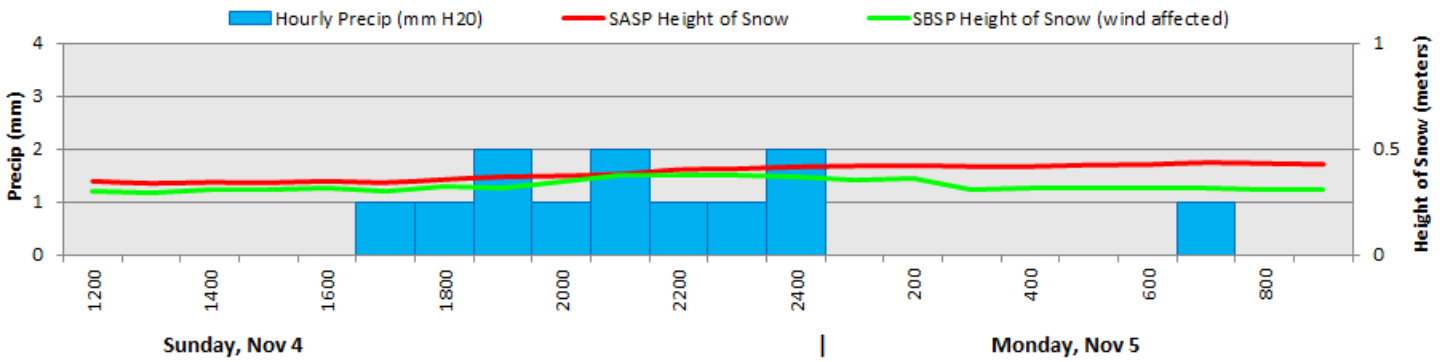


2018/2019 WINTER STORM #1

2018-19 Winter Storm #1: Nov 4-5, 2018

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



Storm Summary Statistics:

Storm precip began between 1600 – 1700 hrs MST Sunday, November 4, 2018 (DOY 308)

Storm precipitation ended: 0700 hrs MST Monday, November 5, 2018 (DOY 309)

Storm duration = 16 hrs

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

Mean precip intensity: 0.75 mm/hr

Max precip intensity: 2 mm/hour on multiple occasions

Max gain in snow depth at SASP = 8.8 cm (3.5 inches)

Max gain in snow depth at SBSP (wind affected) = 0 cm (0 inches)

Peak gust at PTSP at: 0420 hrs MST Monday, November 5, 2018 (DOY 309)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 16

No. of missing hours: 0

From hour ending: Nov 04, 2018 1600 MST

To: Nov 05, 2018 0700 MST

Avg. wind dir: 300

Avg. wind spd: 22.9 mph

Peak gust: 57.2 mph

