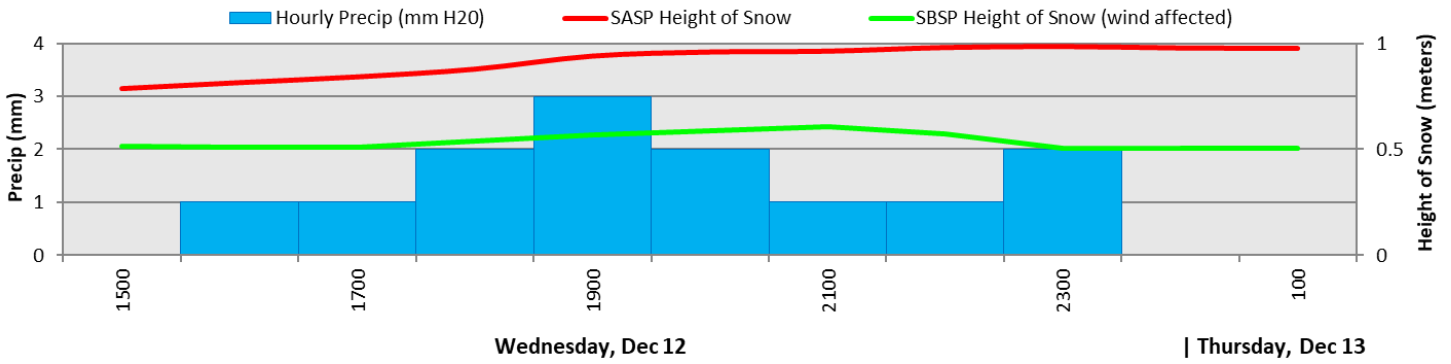


# 2018/2019 WINTER STORM #4

2018-19 Winter Storm #4: Dec 12, 2018

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



## Storm Summary Statistics:

Storm precip began between 1500 – 1600 hrs MST Wednesday, December 12, 2018 (DOY 346)

Storm precipitation ended: 2300 hrs MST Wednesday, December 12, 2018 (DOY 346)

Storm duration = 9 hrs

Storm total water content at SASP = 13 mm (0.5 inches)

Mean precip intensity: 1.44 mm/hr

Max precip intensity: 3 mm/hour on DOY 346 at 1900

Max gain in snow depth at SASP = 19.7 cm (7.8 inches)

Max gain in snow depth at SBSP (wind affected) = -.6 cm (-.2 inches)

Peak gust at PTSP at: 2300 hrs MST Wednesday, December 12, 2018 (DOY 346)

## Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 9

No. of missing hours: 0

From hour ending: Dec 12, 2018 1500 MST

To: Dec 12, 2018 2300 MST

Avg. wind dir: 343

Avg. wind spd: 30.4 mph

Peak gust: 62.9 mph

