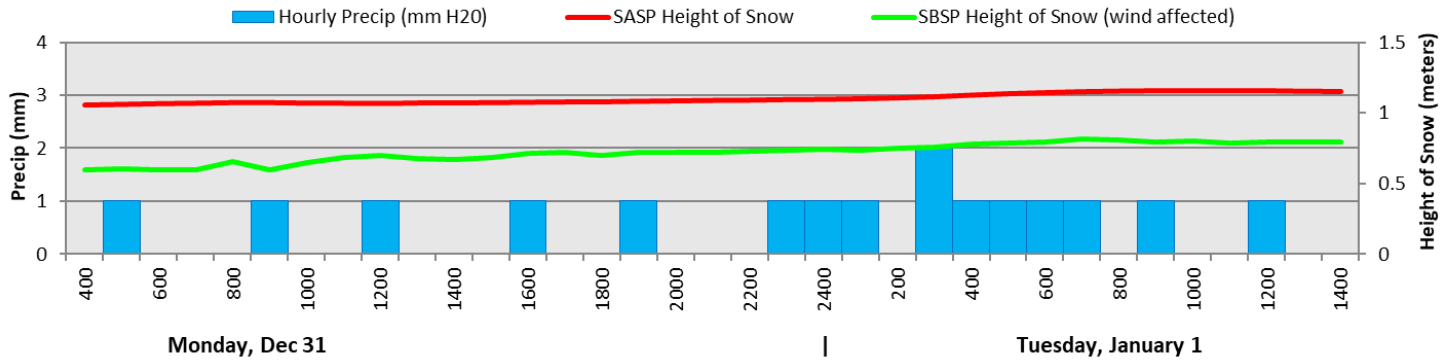


# 2018/2019 WINTER STORM #7

2018-19 Winter Storm #7: Dec 31, 2018-Jan 1, 2019

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



## Storm Summary Statistics:

Storm precip began between 0400 – 0500 hrs MST Monday, December 31, 2018 (DOY 365)

Storm precipitation ended: 1200 hrs MST Tuesday, January 01, 2019 (DOY 001)

Storm duration = 33 hrs

Storm total water content at SASP = 16 mm (0.6 inches)

Mean precip intensity: 0.48 mm/hr

Max precip intensity: 2 mm/hour on DOY 001 at 0300.

Max gain in snow depth at SASP = 10.2 cm (4.0 inches)

Max gain in snow depth at SBSP (wind affected) = 19.8 cm (7.8 inches)

Peak gust at PTSP at: 0900 hrs MST Tuesday, January 01, 2019 (DOY 001)

## Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 33

No. of missing hours: 0

From hour ending: Dec 31, 2018 0400 MST

To: Jan 01, 2019 1200 MST

Avg. wind dir: 182

Avg. wind spd: 13.8 mph

Peak gust: 37.6 mph

