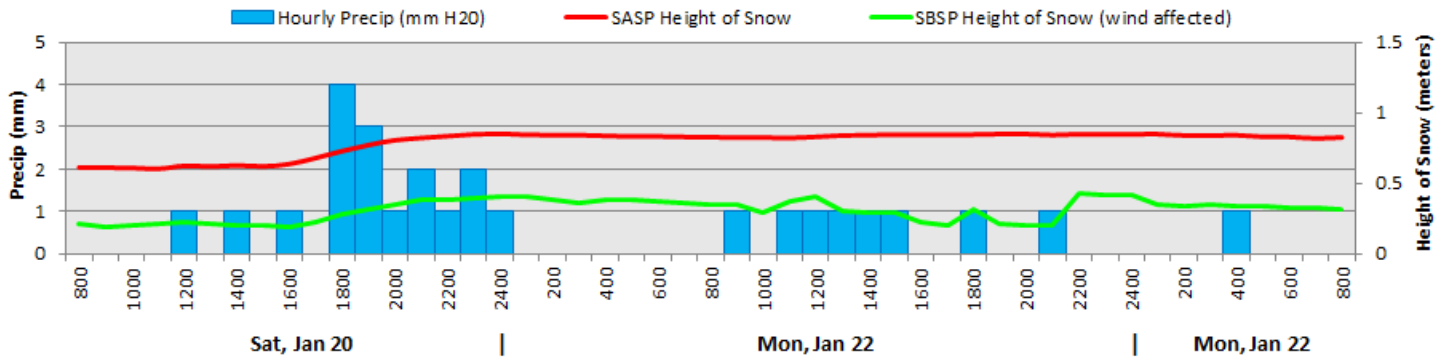


2017/2018 WINTER STORM #3

2017-18 Winter Storm #3: Jan 20-22, 2018

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



Storm Summary Statistics:

Storm precip began between 1100 – 1200 hrs MST Saturday, January 20, 2018 (DOY 20)

Storm precipitation ended: 0400 hrs MST Monday, Jan 22, 2018 (DOY 22)

Storm duration = 42 hrs

Storm total water content at SASP = 26 mm (1.0 inches)

Mean precip intensity: 0.62 mm/hr

Max precip intensity: 4 mm/hour at 1800 hrs MST Saturday, January 20, 2018 (DOY 20)

Max gain in snow depth at SASP = 23.8 cm (9.4 inches)

Max gain in snow depth at SBSP (wind affected) = 12.7 cm (5.0 inches)

Peak gust at PTSP at: 1911 hrs MST Saturday, January 20, 2018 (DOY 20)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 42

No. of missing hours: 0

From hour ending: Jan 20, 2018 1100 MST

To: Jan 22, 2018 0400 MST

Avg. wind dir: 293

Avg. wind spd: 21.6 mph

Peak gust: 70.1 mph

