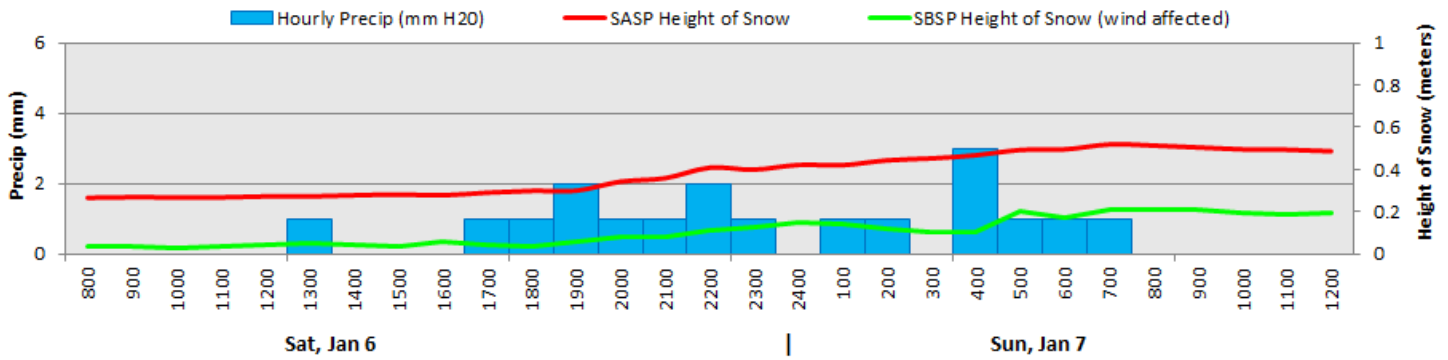


2017/2018 WINTER STORM #1

2017-18 Winter Storm #1: Jan 6 - 7, 2018

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



Storm Summary Statistics:

Storm precip began between 1200 – 1300 hrs MST Saturday, January 6, 2018 (DOY 6)

Storm precipitation ended: 0700 hrs MST Sunday, Jan 7, 2018 (DOY 7)

Storm duration = 20 hrs

Storm total water content at SASP = 18 mm (0.7 inches)

Mean precip intensity: 0.90 mm/hr

Max precip intensity: 3 mm/hour at 0400 on Sunday, Jan 7, 2018 (DOY 7)

Max gain in snow depth at SASP = 24.6 cm (9.7 inches)

Max gain in snow depth at SBSP (wind affected) = 16.6 cm (6.5 inches)

Peak gust at PTSP at: 1600 hrs MST Sunday, January 6, 2018 (DOY 6)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 20

No. of missing hours: 0

From hour ending: Jan 06, 2018 1200 MST

To: Jan 07, 2018 0700 MST

Avg. wind dir: 282

Avg. wind spd: 16.4 mph

Peak gust: 44.0 mph

