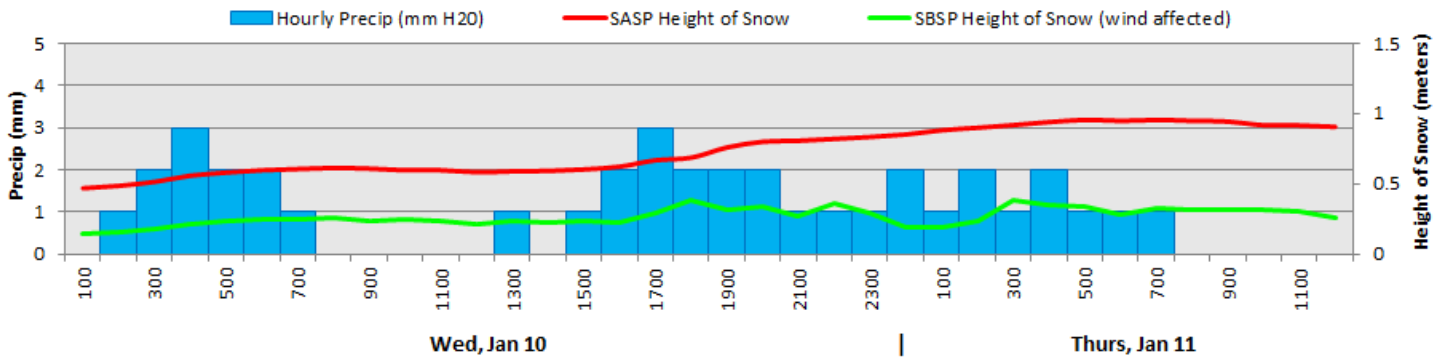


2017/2018 WINTER STORM #2

2017-18 Winter Storm #2: Jan 10-11, 2018

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



Storm Summary Statistics:

Storm precip began between 0100 – 0200 hrs MST Wednesday, January 10, 2018 (DOY 10)

Storm precipitation ended: 0700 hrs MST Thursday, Jan 11, 2018 (DOY 11)

Storm duration = 31 hrs

Storm total water content at SASP = 38 mm (1.5 inches)

Mean precip intensity: 1.23 mm/hr

Max precip intensity: 3 mm/hour on multiple occasions

Max gain in snow depth at SASP = 48.5 cm (19.1 inches)

Max gain in snow depth at SBSP (wind affected) = 18.9 cm (7.4 inches)

Peak gust at PTSP at: 0100 hrs MST Thursday, January 10, 2018 (DOY 10)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 31

No. of missing hours: 0

From hour ending: Jan 10, 2018 0100 MST

To: Jan 11, 2018 0700 MST

Avg. wind dir: 318

Avg. wind spd: 18.6 mph

Peak gust: 45.7 mph

