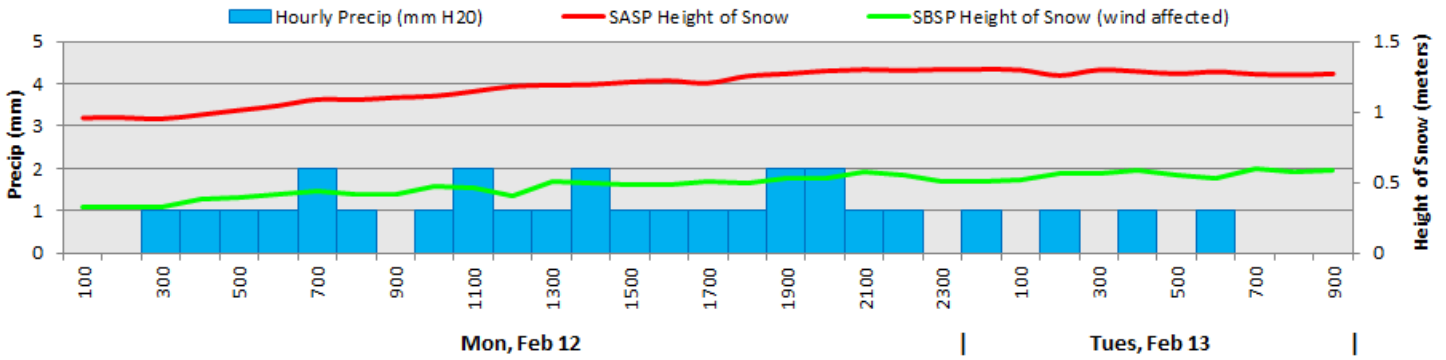


2017/2018 WINTER STORM #6

2017-18 Winter Storm #6: Feb 12-13, 2018

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



Storm Summary Statistics:

Storm precip began between 200 – 300 hrs MST Monday, February 12, 2018 (DOY 43)

Storm precipitation ended: 600 hrs MST Tuesday, February 13, 2018 (DOY 44)

Storm duration = 29 hrs

Storm total water content at SASP = 28 mm (1.1 inches)

Mean precip intensity: 0.97 mm/hr

Max precip intensity: 2 mm/hour on multiple occasions

Max gain in snow depth at SASP = 31.1 cm (12.2 inches)

Max gain in snow depth at SBSP (wind affected) = 25.3 cm (10.0 inches)

Peak gust at PTSP at: 2009 hrs MST Monday, February 12, 2018 (DOY 43)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 29

No. of missing hours: 0

From hour ending: Feb 12, 2018 0200 MST

To: Feb 13, 2018 0600 MST

Avg. wind dir: 199

Avg. wind spd: 32.4 mph

Peak gust: 64.1 mph

