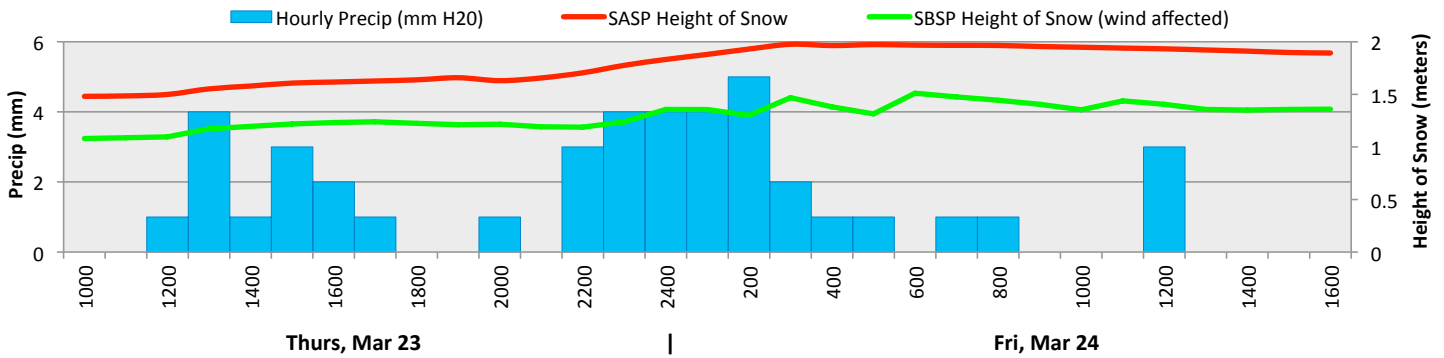


2016/2017 WINTER STORM #18

2016-17 Winter Storm #18: March 23-24, 2017
 Senator Beck Basin Study Area, at Red Mountain Pass, CO



Storm Summary Statistics:

Storm precip began between 1100 – 1200 hrs MST Thursday, March 23, 2017 (DOY 82)

Storm precipitation ended: 1200 hrs MST Friday, March 24, 2017 (DOY 83)

Storm duration = 26 hrs

Storm total water content at SASP = 42 mm (1.7 inches)

Mean precip intensity: 1.62 mm/hr

Max precip intensity: 5 mm/hour between 0100 – 0200 hrs on Friday March 24, 2017 (DOY 83)

Max gain in snow depth at SASP = 44.8 cm (17.6 inches)

Max gain in snow depth at SBSP (wind affected) = 31.8 cm (12.5 inches)

Peak gust at PTSP at: 0334 hrs MST Friday, March 24, 2017 (DOY 83)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 26

No. of missing hours: 0

From hour ending: Mar 23, 2017 1100 MST

To: Mar 24, 2017 1200 MST

Avg. wind dir: 4

Avg. wind spd: 20.9 mph

Peak gust: 61.2 mph

