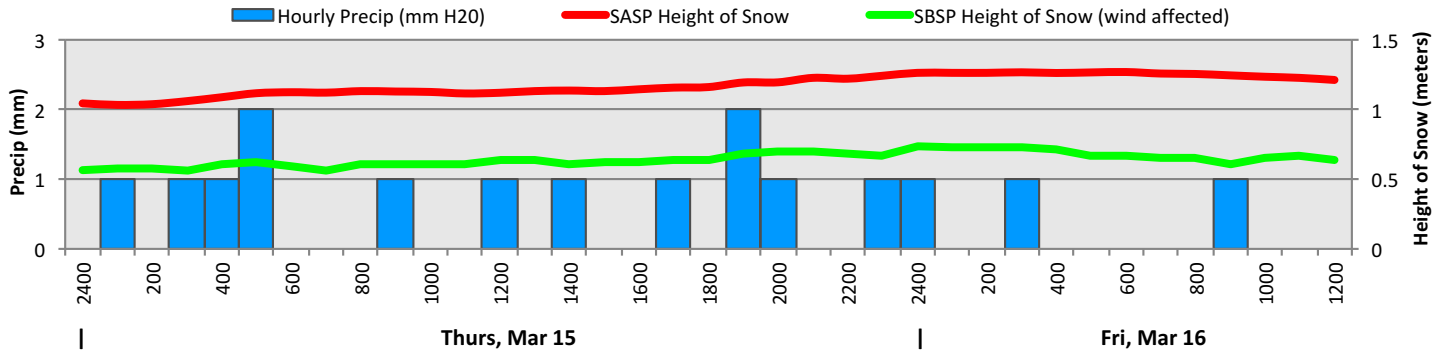


2017/2018 WINTER STORM #9

2017-18 Winter Storm #9: March 15-16, 2018

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



Storm Summary Statistics:

Storm precip began between 0000 – 0100 hrs MST Thursday, March 15, 2018 (DOY 74)

Storm precipitation ended: 0900 hrs MST Friday, March 16, 2018 (DOY 75)

Storm duration = 33 hrs

Storm total water content at SASP = 16 mm (0.6 inches)

Mean precip intensity: 0.48 mm/hr

Max precip intensity: 2 mm/hour on multiple occasions on Thursday, March 15, 2018 (DOY 74)

Max gain in snow depth at SASP = 20.1 cm (7.9 inches)

Max gain in snow depth at SBSP (wind affected) = 4.3 cm (1.7 inches)

Peak gust at PTSP at: 0039 hrs MST Thursday, March 15, 2018 (DOY 75)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 33

No. of missing hours: 0

From hour ending: Mar 15, 2018 0100 MST

To: Mar 16, 2018 0900 MST

Avg. wind dir: 228
 Avg. wind spd: 18.6 mph
 Peak gust: 51.3 mph

