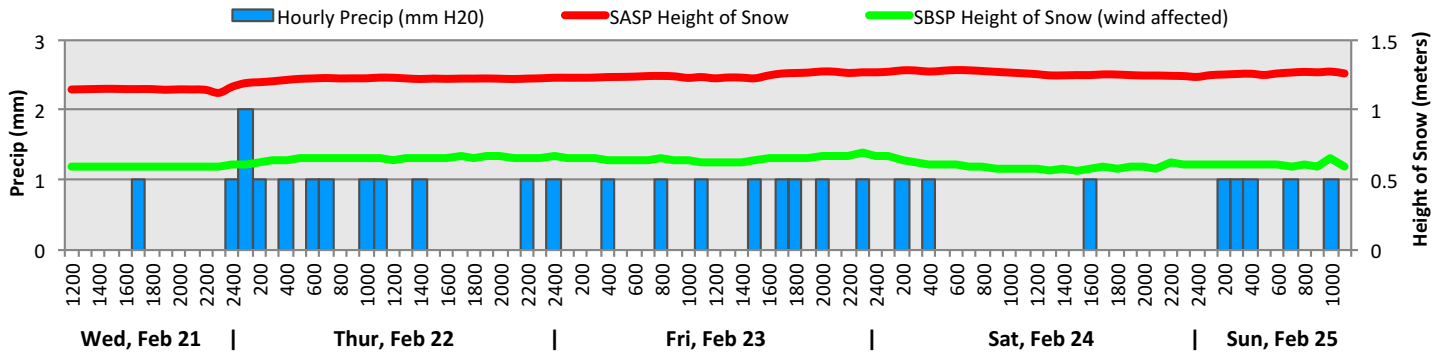


2017/2018 WINTER STORM #8

2017-18 Winter Storm #8: Feb 21-25, 2018

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



Storm Summary Statistics:

Storm precip began between 1600 – 1700 hrs MST Wednesday, February 21, 2018 (DOY 52)

Storm precipitation ended: 1000 hrs MST Sunday, February 25, 2018 (DOY 56)

Storm duration = 90 hrs

Storm total water content at SASP = 29 mm (1.1 inches)

Mean precip intensity: 0.32 mm/hr

Max precip intensity: 2 mm/hour between 0000 and 0100 hrs MST Thursday, February 22 (DOY 53)

Max gain in snow depth at SASP = 12.5 cm (4.9 inches)

Max gain in snow depth at SBSP (wind affected) = 5.6 cm (2.2 inches)

Peak gust at PTSP at: 0832 hrs MST Friday, February 23, 2018 (DOY 54)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 90
No. of missing hours: 0

From hour ending: Feb 21, 2018 1700 MST
To: Feb 25, 2018 1000 MST

Avg. wind dir: 227
Avg. wind spd: 24.0 mph
Peak gust: 53.6 mph

