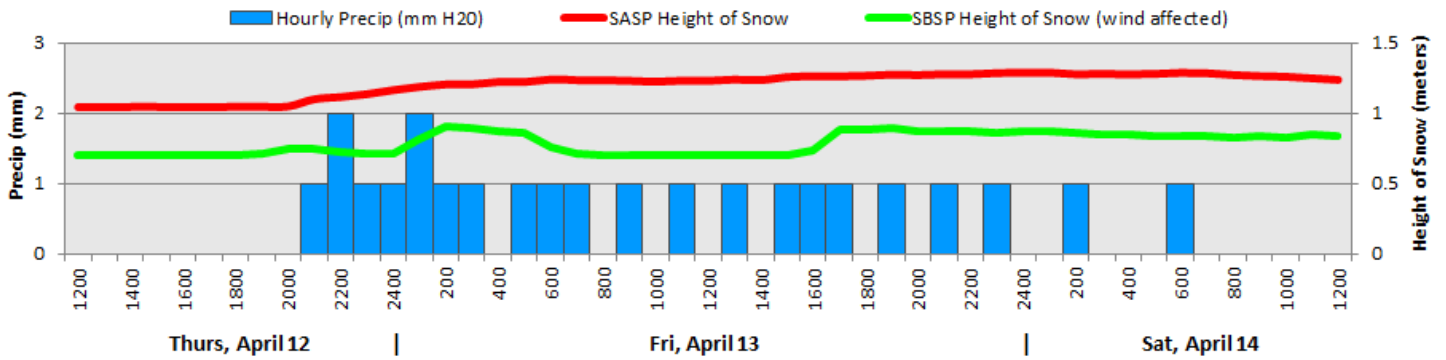


# 2017/2018 WINTER STORM #13

2017-18 Winter Storm #13: April 12-14, 2018

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



## Storm Summary Statistics:

Storm precipitation began between 2000 – 2100 hrs MST Thursday, April 12, 2018 (DOY 102)

Storm precipitation ended: 600 hrs MST Saturday, April 14, 2018 (DOY 104)

Storm duration = 35 hrs

Storm total water content at SASP = 23 mm (0.9 inches)

Mean precipitation intensity: 0.66 mm/hr

Max precipitation intensity: 2 mm/hour multiple occasions

Max gain in snow depth at SASP = 23.9 cm (9.4 inches)

Max gain in snow depth at SBSP (wind affected) = 9.1 cm (3.6 inches)

Peak gust at PTSP at: 535 hrs MST Sunday, April 8, 2018 (DOY 98)

## Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 35  
No. of missing hours: 0

From hour ending: Apr 12, 2018 2000 MST  
To: Apr 14, 2018 0600 MST

Avg. wind dir: 352  
Avg. wind spd: 24.6 mph  
Peak gust: 53.1 mph

