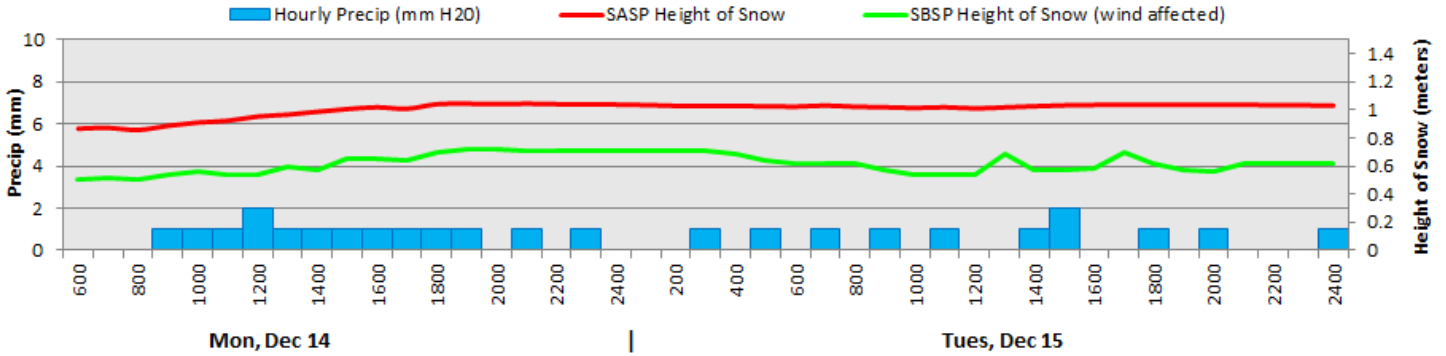


# 2015/2016 WINTER STORM #7

## 2015-16 Winter Storm #7: December 14-16, 2015 Senator Beck Basin Study Area, at Red Mountain Pass, CO



### Storm Summary Statistics:

Storm precip began between 0800-0900 hrs MST Monday, December 14, 2015 (DOY 348)

Storm precipitation ended: 100 hrs MST Wednesday, December 16, 2015 (DOY 350)

Storm duration = 41 hrs

Storm total water content at SASP = 25 mm (1.0 inches), as snow

Mean Precip intensity: 0.61 mm/hr

Max Precip intensity: 2 mm/hour on multiple occasions

Max gain in snow depth at SASP = 17.3 cm (6.8 inches) of snow

Max gain in snow depth at SBSP (wind affected) = 10.5 cm (4.1 inches) of snow

Peak Gust at PTSP at: 1413 hrs MST Monday, December 14, 2015 (DOY 348)

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

CSAS Putney Study Plot 12,323 ft.

No. of hours: 41

No. of missing hours: 0

From hour ending: Dec 14, 2015 0800 MST  
To: Dec 16, 2015 0000 MST

Avg. wind dir: 237  
Avg. wind spd: 21.5 mph  
Peak gust: 66.7 mph

