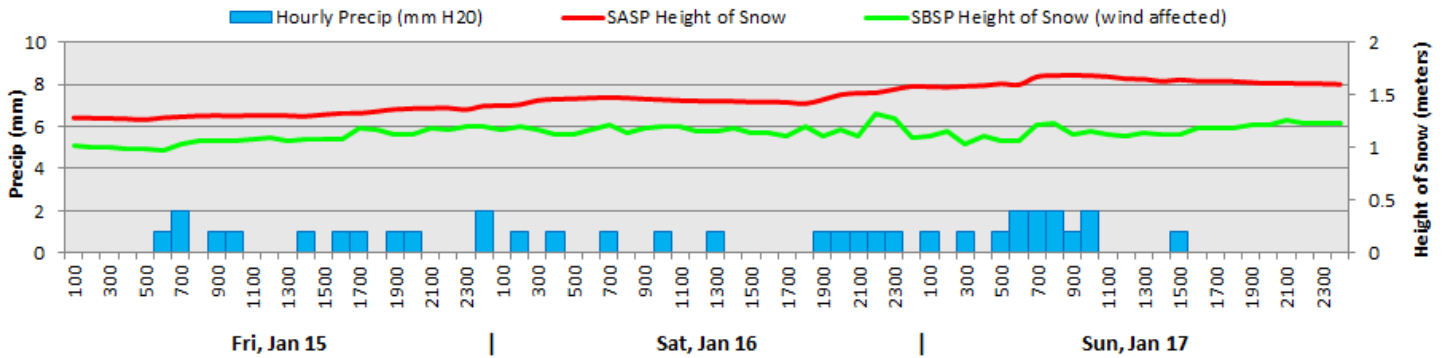


# 2015/2016 WINTER STORM #10

## 2015-16 Winter Storm #10: January 15-17, 2016 Senator Beck Basin Study Area, at Red Mountain Pass, CO



### Storm Summary Statistics:

Storm precip began between 500 – 600 hrs MST Friday, January 15, 2016 (DOY 15)

Storm precipitation ended: 1500 hrs MST Sunday, January 17, 2016 (DOY 17)

Storm duration = 59 hrs

Storm total water content at SASP = 35 mm (1.4 inches), as snow

Mean Precip intensity: 0.59 mm/hr

Max Precip intensity: 2 mm/hour on multiple occasions

Max gain in snow depth at SASP = 38 cm (15 inches) of snow

Max gain in snow depth at SBSP (wind affected) = 13.6 cm (5.4 inches) of snow

Peak Gust at PTSP at: 0413 hrs MST Sunday, January 17, 2016 (DOY 17)

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

CSAS Putney Study Plot 12,323 ft.

No. of hours: 59

No. of missing hours: 0

From hour ending: Jan 15, 2016 0500 MST

To: Jan 17, 2016 1500 MST

Avg. wind dir: 317

Avg. wind spd: 17.7 mph

Peak gust: 61.2 mph

