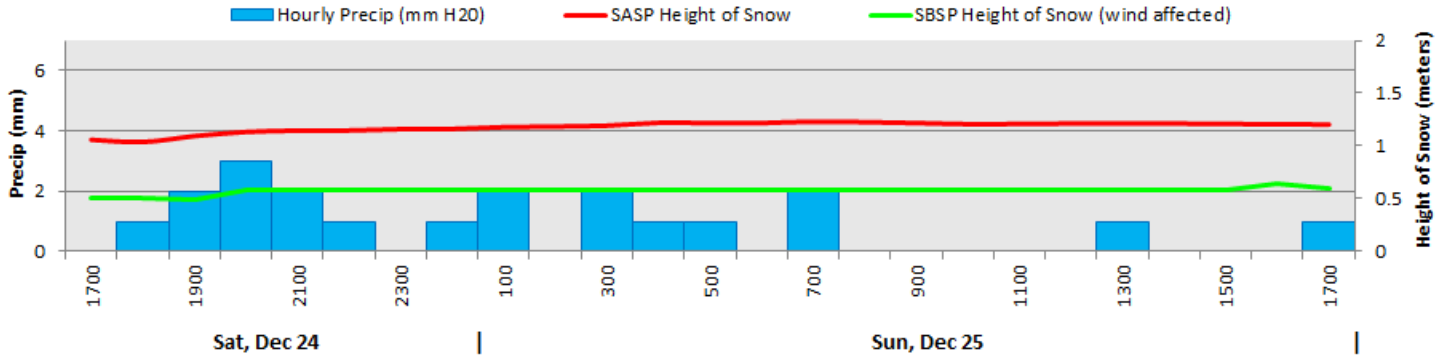


2016/2017 WINTER STORM #7

2016-17 Winter Storm #7: December 24-25, 2016

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



Storm Summary Statistics:

Storm precip began between 1700– 1800 hrs MST Saturday December 24, 2016 (DOY 359)

Storm precipitation ended: 1700 hrs MST Sunday, December 25, 2016 (DOY 360)

Storm duration = 25 hrs

Storm total water content at SASP = 20 mm (0.8 inches)

Mean Precip intensity: 0.80 mm/hr

Max Precip intensity: 3 mm/hour at 2000 on Saturday December 24, 2016 (DOY 359)

Max gain in snow depth at SASP = 12.4 cm (4.9 inches)

Max gain in snow depth at SBSP (wind affected) = 5.4 cm (2.1 inches)

Peak Gust at PTSP at: 2146 hrs MST Saturday, December 24, 2016 (DOY 359)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 25

No. of missing hours: 0

From hour ending: Dec 24, 2016 1700 MST

To: Dec 25, 2016 1700 MST

Avg. wind dir: 217

Avg. wind spd: 29.4 mph

Peak gust: 96.4 mph

