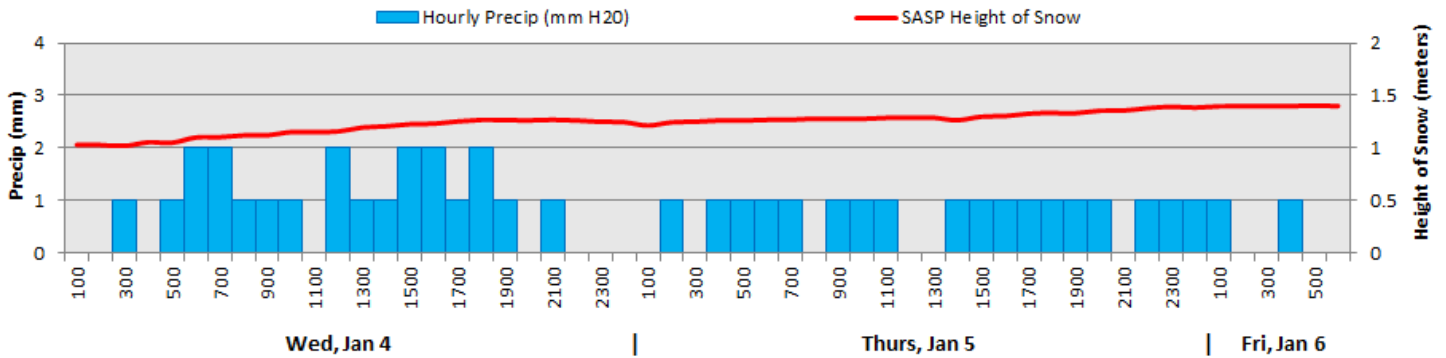


2016/2017 WINTER STORM #8

2016-17 Winter Storm #8: January 4-6, 2017

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



Storm Summary Statistics:

Storm precip began between 200 – 300 hrs MST Wednesday January 4, 2017 (DOY 4)

Storm precipitation ended: 400 hrs MST Friday, January 6, 2017 (DOY 6)

Storm duration = 51 hrs

Storm total water content at SASP = 42 mm (1.7 inches)

Mean Precip intensity: 0.82 mm/hr

Max Precip intensity: 2 mm/hour on multiple occasions

Max gain in snow depth at SASP = 36.9 cm (14.5 inches)

Max gain in snow depth at SBSP (wind affected) = NA

Peak Gust at PTSP at: 923 hrs MST Thursday, January 5, 2017 (DOY 5)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 51

No. of missing hours: 0

From hour ending: Jan 04, 2017 0200 MST

To: Jan 06, 2017 0400 MST

Avg. wind dir: 285

Avg. wind spd: 29.3 mph

Peak gust: 83.5 mph

