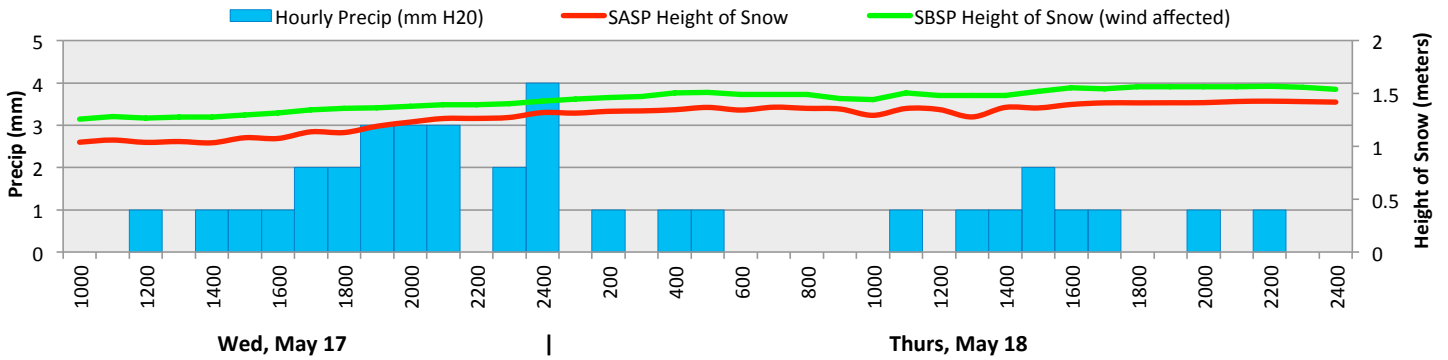


2016/2017 WINTER STORM #27

2016-17 Winter Storm #27: May 17-18, 2017
 Senator Beck Basin Study Area, at Red Mountain Pass, CO



Storm Summary Statistics:

Storm precip began between 1100 – 1200 hrs MST Wednesday, May 17, 2017 (DOY 137)

Storm precipitation ended: 2200 hrs MST Thursday, May 18, 2017 (DOY 138)

Storm duration = 36 hrs

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

Mean precip intensity: 0.97 mm/hr

Max precip intensity: 4 mm/hour at 2400 on Wednesday, May 17, 2017 (DOY 137)

Max gain in snow depth at SASP = 36.8 cm (14.5 inches)

Max gain in snow depth at SBSP (wind affected) = 28.5 cm (11.2 inches)

Peak gust at PTSP at: 1608 hrs MST Wednesday, May 17, 2017 (DOY 137)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 36

No. of missing hours: 0

From hour ending: May 17, 2017 1100 MST

To: May 18, 2017 2200 MST

Avg. wind dir: 252

Avg. wind spd: 11.4 mph

Peak gust: 39.9 mph

