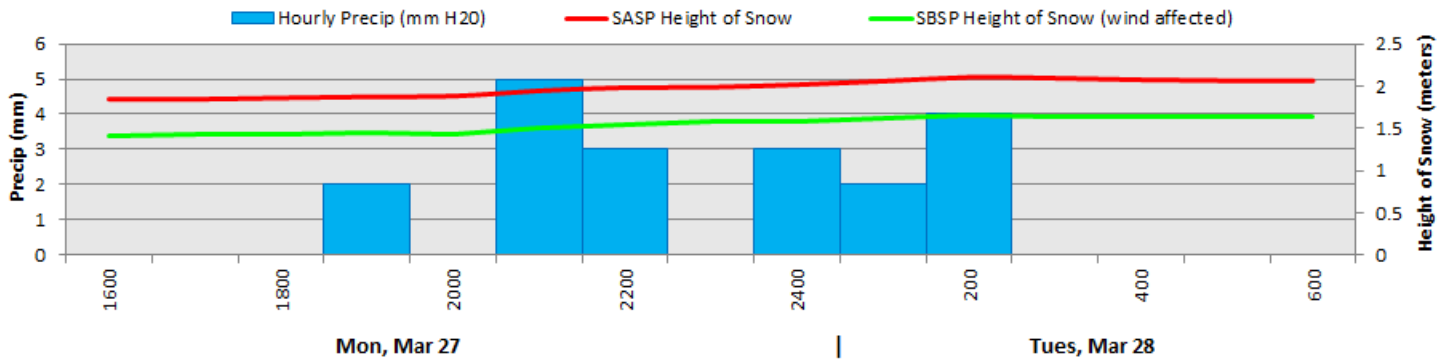


2016/2017 WINTER STORM #20

2016-17 Winter Storm #20: March 27-28, 2017
 Senator Beck Basin Study Area, at Red Mountain Pass, CO



Storm Summary Statistics:

Storm precip began between 1800 – 1900 hrs MST Monday, March 27, 2017 (DOY 86)

Storm precipitation ended: 0200 hrs MST Tuesday, March 28, 2017 (DOY 87)

Storm duration = 9 hrs

Storm total water content at SASP = 19 mm (0.7 inches)

Mean precip intensity: 2.11 mm/hr

Max precip intensity: 5 mm/hour on multiple occasions on Monday March 27, 2017 (DOY 86)

Max gain in snow depth at SASP = 23.3 cm (9.2 inches)

Max gain in snow depth at SBSP (wind affected) = 21.4 cm (8.4 inches)

Peak gust at PTSP at: 2130 hrs MST Monday, March 27, 2017 (DOY 86)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 9

No. of missing hours: 0

From hour ending: Mar 27, 2017 1800 MST

To: Mar 28, 2017 0200 MST

Avg. wind dir: 169

Avg. wind spd: 9.9 mph

Peak gust: 27.1 mph

