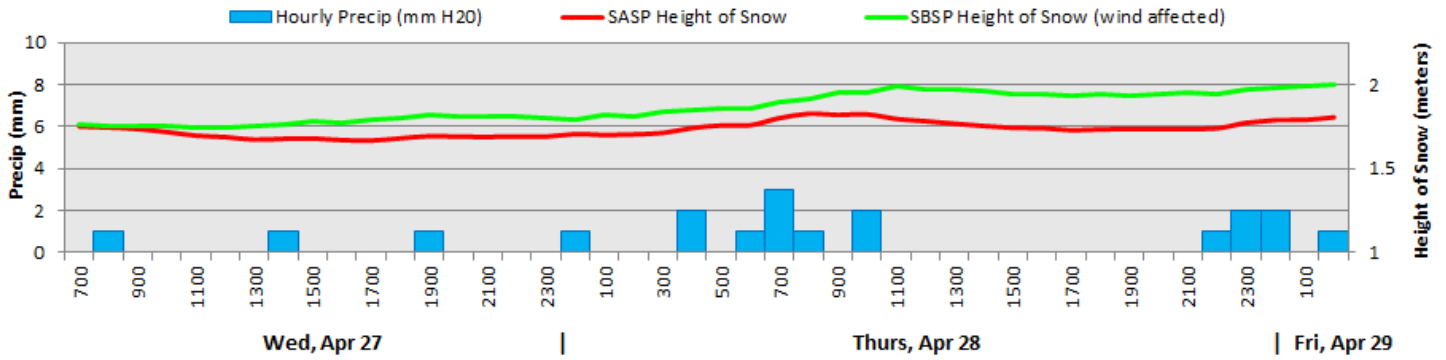


2015/2016 WINTER STORM #21

2015-16 Winter Storm #21 April 27-29, 2016

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



Storm Summary Statistics:

Storm precip began between 700 – 800 hrs MST Wednesday April 27, 2016 (DOY 118)

Storm precipitation ended: 200 hrs MST Friday, April 29, 2016 (DOY 120)

Storm duration = 44 hrs

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

Mean Precip intensity: 0.43 mm/hr

Max Precip intensity: 3 mm/hour on 700 MST Thursday April 28, 2016 (DOY 119).

Max gain in snow depth at SASP = 5.5 cm (2.2 inches) of snow

Max gain in snow depth at SBSP (wind affected) = 23.6 cm (9.3 inches) of snow

Peak Gust at PTSP at: 944 hrs MST Thursday, April 28, 2016 (DOY 119)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 44

No. of missing hours: 0

From hour ending: Apr 27, 2016 0700 MST

To: Apr 29, 2016 0200 MST

Avg. wind dir: 179

Avg. wind spd: 12.6 mph

Peak gust: 48.1 mph

