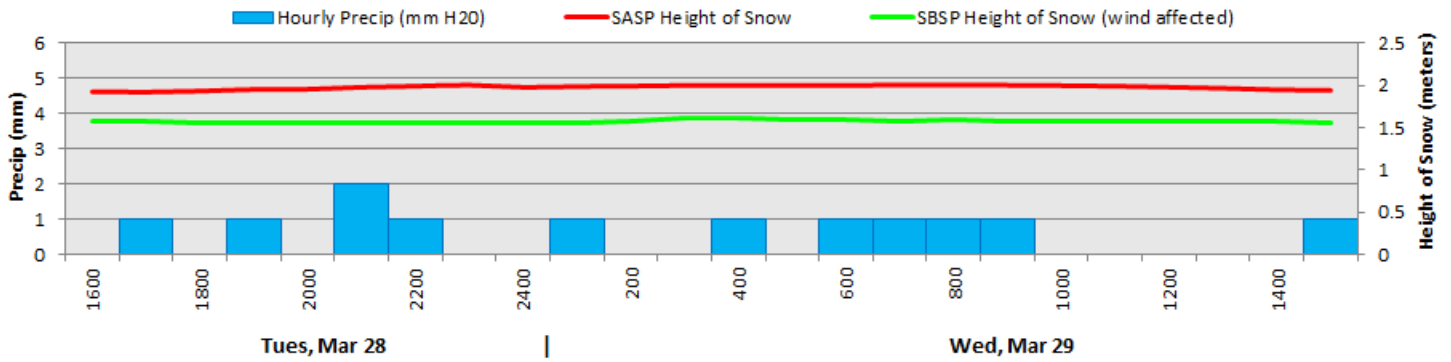


2016/2017 WINTER STORM #21

2016-17 Winter Storm #21: March 28-29, 2017

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



Storm Summary Statistics:

Storm precip began between 1600 – 1700 hrs MST Tuesday, March 28, 2017 (DOY 87)

Storm precipitation ended: 1500 hrs MST Wednesday, March 29, 2017 (DOY 88)

Storm duration = 24 hrs

Storm total water content at SASP = 12 mm (0.5 inches)

Mean precip intensity: 0.50 mm/hr

Max precip intensity: 2 mm/hour on 2100 MST Monday March 28, 2017 (DOY 87)

Max gain in snow depth at SASP = 1.7 cm (0.7 inches)

Max gain in snow depth at SBSP (wind affected) = 0 cm (0 inches)

Peak gust at PTSP at: 2221 hrs MST Tuesday, March 28, 2017 (DOY 87)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 24

No. of missing hours: 0

From hour ending: Mar 28, 2017 1600 MST

To: Mar 29, 2017 1500 MST

Avg. wind dir: 13

Avg. wind spd: 22.4 mph

Peak gust: 53.8 mph

