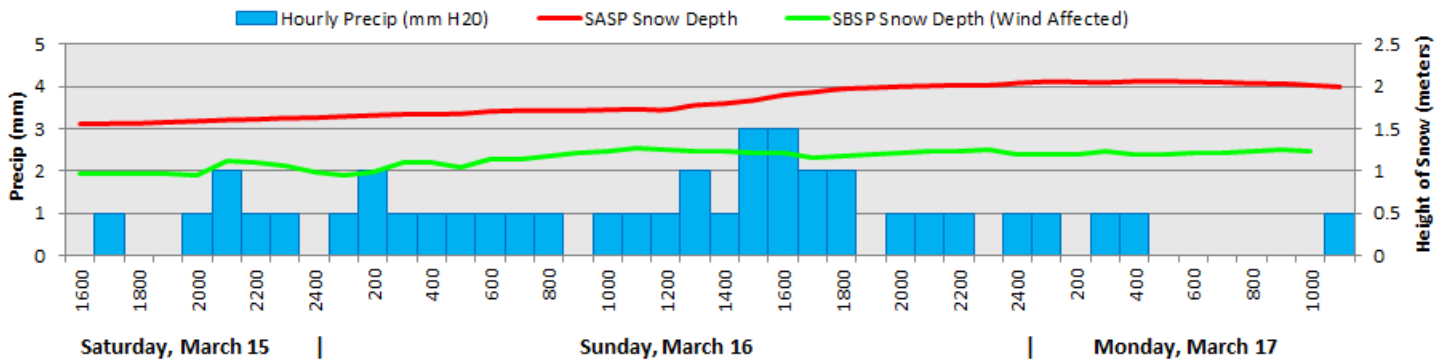


2020/2021 WINTER STORM #12

2020-2021 Winter Storm #12: March 13-15, 2021

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



Storm Summary Statistics:

Storm precip began between 1600 – 1700 hrs MST Saturday, March 13, 2021 (DOY 72)

Storm precipitation ended: 1100 hrs MST Monday, March 15, 2021 (DOY 74)

Storm duration = 44 hrs

Storm total water content at SASP = 39 mm (1.5 inches)

Mean precip intensity: 0.89 mm/hr

Max precip intensity: 3 mm/hour, multiple occasions

Max gain in snow depth at SASP = 44.0 cm (17.3 inches)

Max gain in snow depth at SBSP (wind affected) = 26.8 cm (10.6 inches)

Peak gust at PTSP at: 53.4 mph at 119 hrs MST Monday, March 15, 2021 (DOY 74)

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: Mar 13, 2021 1600 MST

To: Mar 15, 2021 1100 MST

Avg. wind dir: 326

Avg. wind spd: 16.8 mph

Peak gust: 53.4 mph

