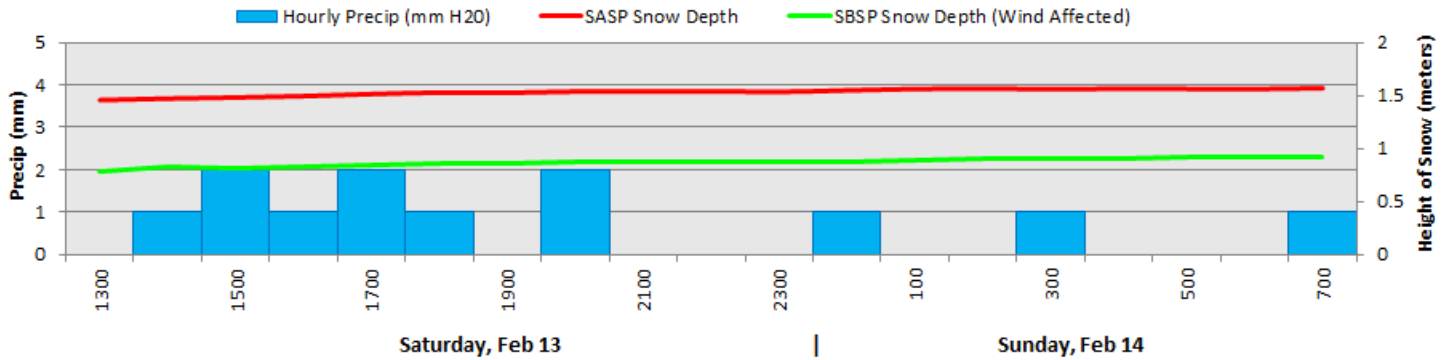


2020/2021 WINTER STORM #9

2020-2021 Winter Storm #9: Feb 13-14, 2021

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



Storm Summary Statistics:

Storm precip began between 1300 – 1400 hrs MST Saturday, February 13, 2021 (DOY 44)

Storm precipitation ended: 0700 hrs MST Sunday, February 14, 2021 (DOY 45)

Storm duration = 19 hrs

Storm total water content at SASP = 12 mm (0.47 inches)

Mean precip intensity: 0.63 mm/hr

Max precip intensity: 2 mm/hour, multiple occasions

Max gain in snow depth at SASP = 11.3 cm (4.4 inches)

Max gain in snow depth at SBSP (wind affected) = 14.6 cm (5.7 inches)

Peak gust at PTSP at: 52.0 mph at 1426 hrs MST Saturday, February 13, 2021 (DOY 44)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 19

No. of missing hours: 0

From hour ending: Feb 13, 2021 1300 MST

To: Feb 14, 2021 0700 MST

Avg. wind dir: 188

Avg. wind spd: 15.0 mph

Peak gust: 51.9 mph

