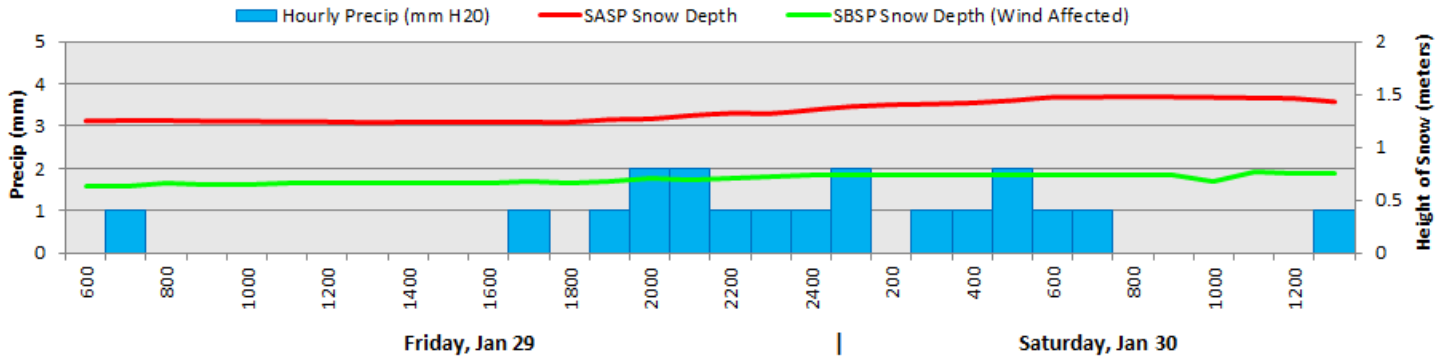


2020/2021 WINTER STORM #8

2020-2021 Winter Storm #8: Jan 29-30, 2021

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



Storm Summary Statistics:

Storm precip began between 0600 – 0700 hrs MST Friday, January 29, 2021 (DOY 29)

Storm precipitation ended: 1300 hrs MST Saturday, January 30, 2021 (DOY 30)

Storm duration = 32 hrs

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

Mean precip intensity: 0.59 mm/hr

Max precip intensity: 2 mm/hour, multiple occasions

Max gain in snow depth at SASP = 18.1 cm (7.1 inches)

Max gain in snow depth at SBSP (wind affected) = 12.8 cm (5.0 inches)

Peak gust at PTSP at: 48.1 mph at 410 hrs MST Saturday, January 30, 2021 (DOY 30)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 32

No. of missing hours: 0

From hour ending: Jan 29, 2021 0600 MST

To: Jan 30, 2021 1300 MST

Avg. wind dir: 221

Avg. wind spd: 22.3 mph

Peak gust: 48.1 mph

