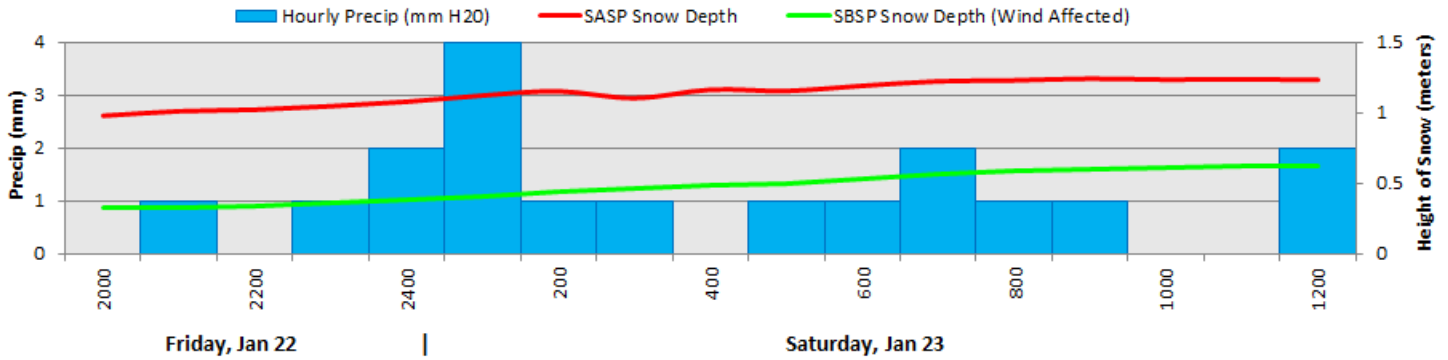


2020/2021 WINTER STORM #6

2020-2021 Winter Storm #6: Jan 22-23, 2021
 Senator Beck Basin Study Area, at Red Mountain Pass, CO



Storm Summary Statistics:

Storm precip began between 2000 – 2100 hrs MST Friday, January 22, 2021 (DOY 22)

Storm precipitation ended: 1200 hrs MST Saturday, January 23, 2021 (DOY 23)

Storm duration = 17 hrs

Storm total water content at SASP = 18 mm (0.7 inches)

Mean precip intensity: 1.06 mm/hr

Max precip intensity: 4 mm/hour, multiple occasions

Max gain in snow depth at SASP = 25.5 cm (10.0 inches)

Max gain in snow depth at SBSP (wind affected) = 29.9 cm (11.8 inches)

Peak gust at PTSP at: 52.9 mph at 2349 hrs MST Friday, January 22, 2021 (DOY 22)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 17

No. of missing hours: 0

From hour ending: Jan 22, 2021 2000 MST

To: Jan 23, 2021 1200 MST

Avg. wind dir: 209

Avg. wind spd: 23.6 mph

Peak gust: 52.9 mph

