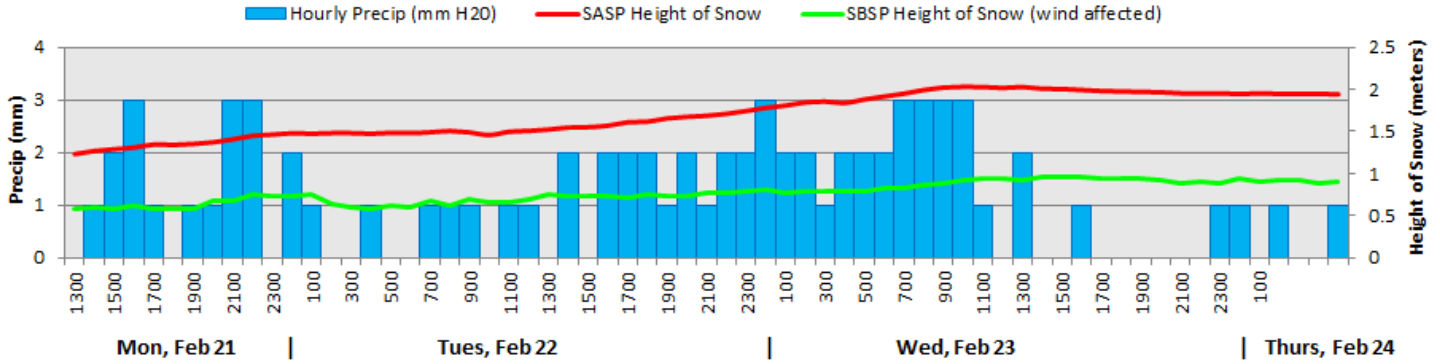


# 2021/2022 WINTER STORM #6

2021-2022 Winter Storm #6: Feb 21-24, 2022

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



### Storm Summary Statistics:

Storm precip began between 1700 – 1800 hrs MST Monday, February 21, 2022 (DOY 52)

Storm precipitation ended: 0900 hrs MST Thursday, February 24, 2022 (DOY 55)

Storm duration = 65 hrs

Storm total water content at SASP = 74 mm (2.9 inches)

Mean precip intensity: 1.14 mm/hr

Max precip intensity: 3 mm/hour, on multiple occasions.

Max gain in snow depth at SASP = 71.1 cm (28.0 inches)

Max gain in snow depth at SBSP (wind affected) = 31.6 cm (12.4 inches)

Peak gust at PTSP at: 71.5 mph at 0526 hrs MST Wednesday, February 23, 2021 (DOY 54)

### Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 65

No. of missing hours: 0

From hour ending: Feb 21, 2022 1700 MST

To: Feb 24, 2022 0900 MST

Avg. wind dir: 223

Avg. wind spd: 25.8 mph

Peak gust: 71.5 mph

