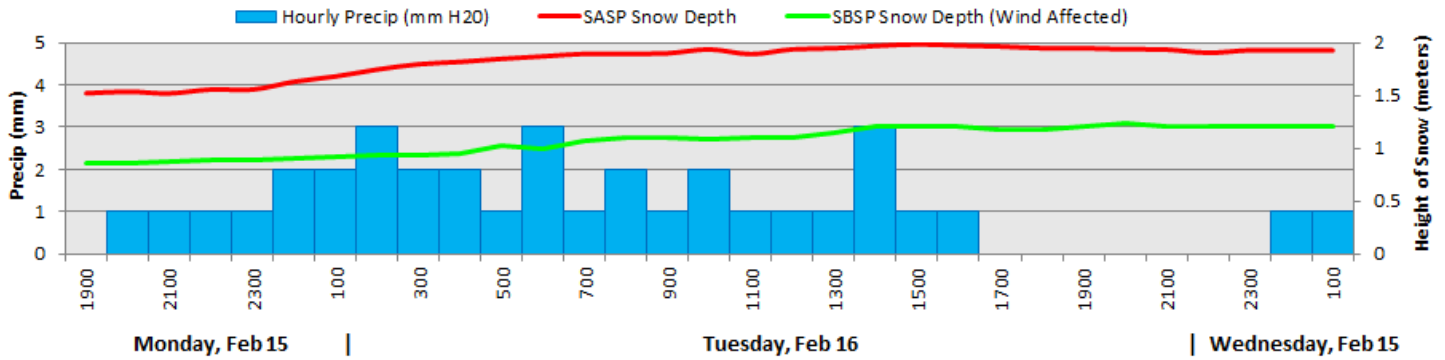


# 2020/2021 WINTER STORM #10

2020-2021 Winter Storm #10: Feb 15-17, 2021  
 Senator Beck Basin Study Area, at Red Mountain Pass, CO



## Storm Summary Statistics:

Storm precip began between 1900 – 2000 hrs MST Monday, February 15, 2021 (DOY 46)

Storm precipitation ended: 0100 hrs MST Wednesday, February 17, 2021 (DOY 48)

Storm duration = 31 hrs

Storm total water content at SASP = 35 mm (1.4 inches)

Mean precip intensity: 1.13 mm/hr

Max precip intensity: 3 mm/hour, multiple occasions

Max gain in snow depth at SASP = 40.5 cm (15.9 inches)

Max gain in snow depth at SBSP (wind affected) = 34.4 cm (13.5 inches)

Peak gust at PTSP at: 56.8 mph at 201 hrs MST Monday, February 15, 2021 (DOY 46)

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

CSAS Putney Study Plot 12,323 ft.

No. of hours: 31

No. of missing hours: 0

From hour ending: Feb 15, 2021 1900 MST

To: Feb 17, 2021 0100 MST

Avg. wind dir: 340

Avg. wind spd: 17.5 mph

Peak gust: 56.8 mph

