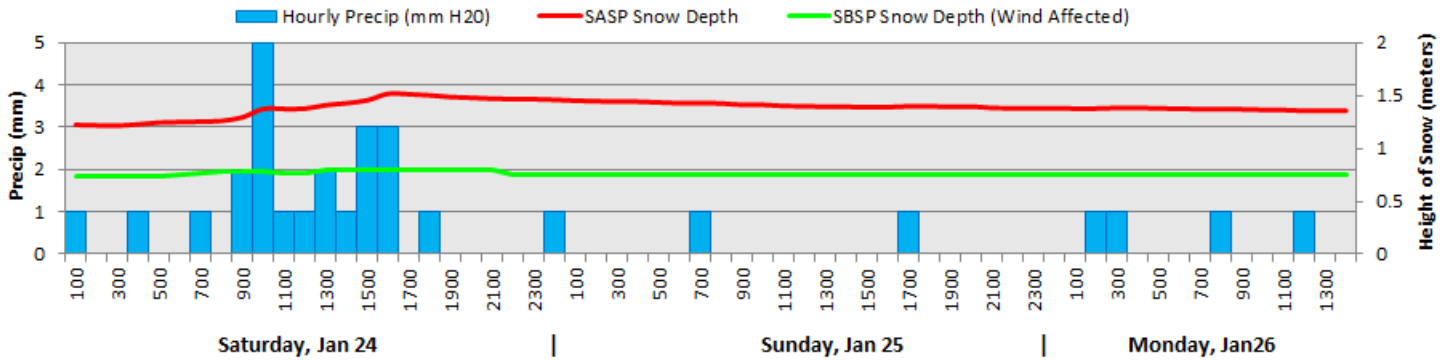


# 2020/2021 WINTER STORM #7

2020-2021 Winter Storm #7: Jan 24-26, 2021

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



### Storm Summary Statistics:

Storm precip began between 0900 – 1000 hrs MST Sunday, January 24, 2021 (DOY 24)

Storm precipitation ended: 1700 hrs MST Tuesday, January 26, 2021 (DOY 26)

Storm duration = 65 hrs

Storm total water content at SASP = 28 mm (1.1 inches)

Mean precip intensity: 0.45 mm/hr

Max precip intensity: 5 mm/hour, at 1000 on January 24, 2021

Max gain in snow depth at SASP = 13.4 cm (5.3 inches)

Max gain in snow depth at SBSP (wind affected) = 2.5 cm (1.0 inches)

Peak gust at PTSP at: 45.8 mph at 1014 hrs MST Friday, January 24, 2021 (DOY 24)

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

CSAS Putney Study Plot 12,323 ft.

No. of hours: 62

No. of missing hours: 0

From hour ending: Jan 24, 2021 0100 MST

To: Jan 26, 2021 1400 MST

Avg. wind dir: 197

Avg. wind spd: 13.4 mph

Peak gust: 45.8 mph

