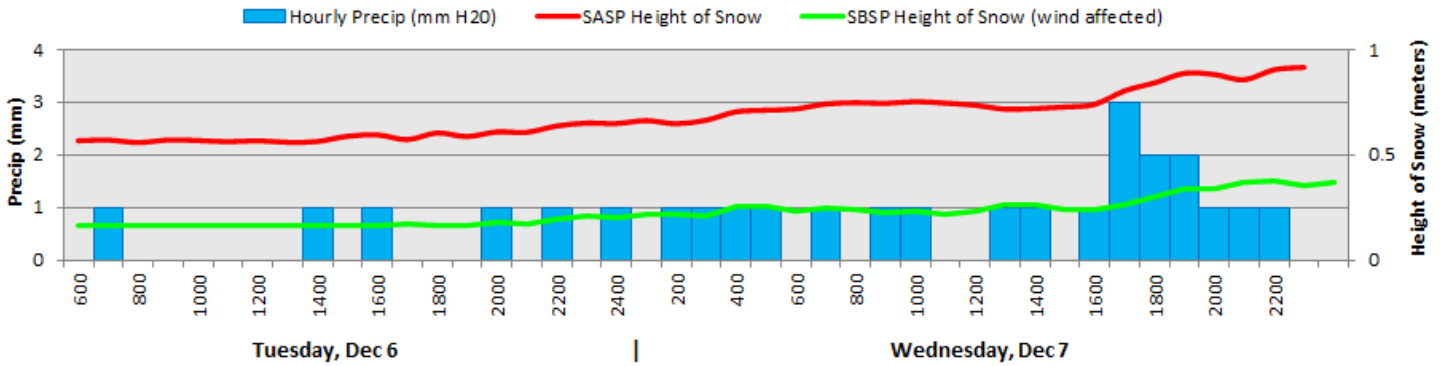


2022/2023 WINTER STORM #5

2022-2023 Winter Storm #5: Dec 6-7, 2022

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



Storm Summary Statistics:

Storm precip began between 600 – 700 hrs MST Tuesday, December 6, 2022 (DOY 340)

Storm precipitation ended: 2300 hrs MST Wednesday, December 7, 2022 (DOY 341)

Storm duration = 28 hrs

Storm total water content at SASP = 26 mm (1.0 inches)

Mean precip intensity: 0.93 mm/hr

Max precip intensity: 3 mm/hour

Max gain in snow depth at SASP = 35.1 cm (13.8 inches)

Max gain in snow depth at SBSP (wind affected) = 20.4 cm (8.0 inches)

Peak gust at PTSP at: 2311 hrs MST Thursday, December 7, 2022 (DOY 341)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 29

No. of missing hours: 0

From hour ending: Dec 06, 2022 0600 MST

To: Dec 07, 2022 1000 MST

Avg. wind dir: 218

Avg. wind spd: 17.1 mph

Peak gust: 42.6 mph

