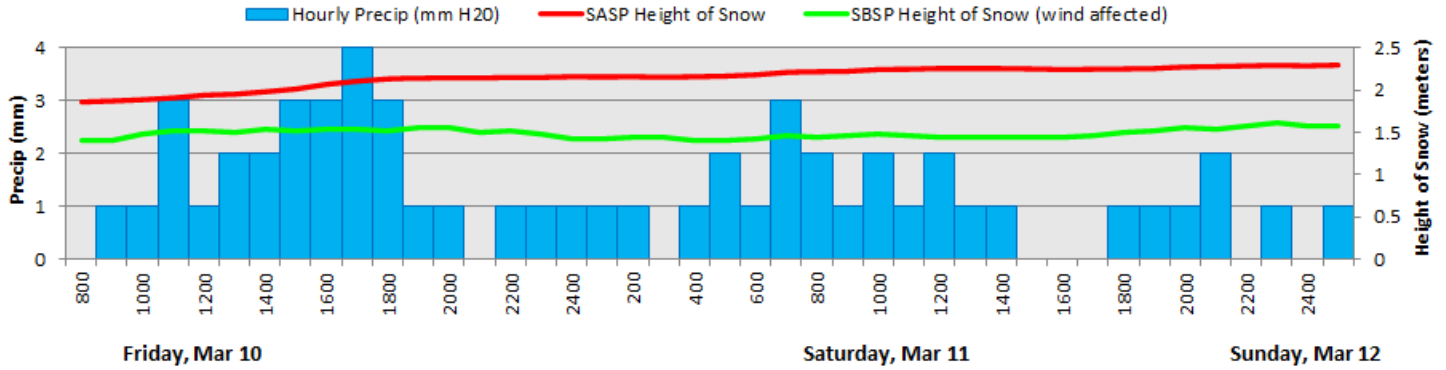


2022/2023 WINTER STORM #16

2022-2023 Winter Storm #16: March 10-12, 2023

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



Storm Summary Statistics:

Storm precip began between 800 – 900 hrs MST Friday, March 10, 2023 (DOY 69)

Storm precipitation ended: 100 hrs MST Sunday, March 12, 2023 (DOY 71)

Storm duration = 42 hrs

Storm total water content at SASP = 54 mm (2.1 inches)

Mean precip intensity: 1.29 mm/hr

Max precip intensity: 4 mm/hour at 1700 on day 69

Max gain in snow depth at SASP = 42.2 cm (16.6 inches)

Max gain in snow depth at SBSP (wind affected) = 17.3 cm (6.8 inches)

Peak gust at PTSP at: 400 hrs MST Saturday, March 11, 2023 (DOY 70)

Storm Wind Rose (Putney Study Plot data)

