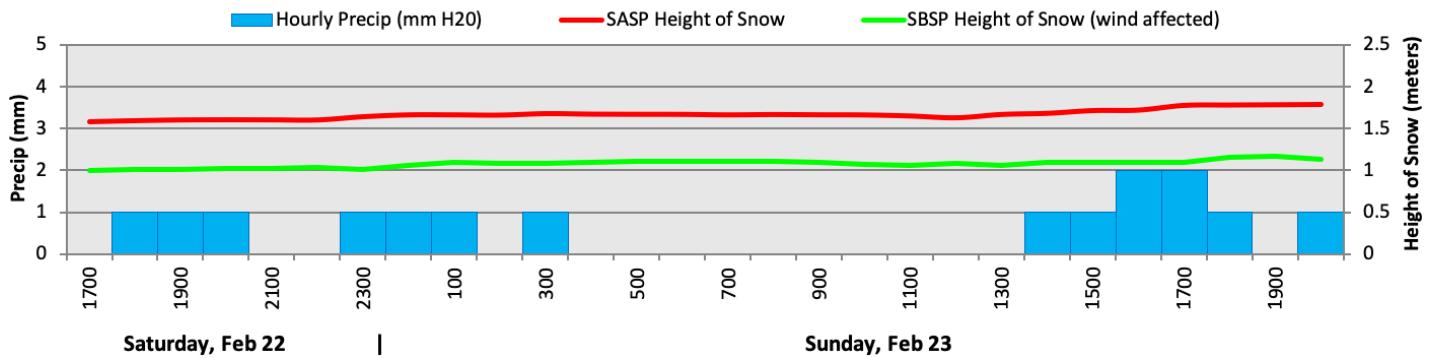


2019/2020 WINTER STORM #14

2019-20 Winter Storm #14: Feb 22-23, 2020

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



Storm Summary Statistics:

Storm precip began between 1700 – 1800 hrs MST Saturday, February 22, 2020 (DOY 53)

Storm precipitation ended: 2000 hrs MST Sunday, February 23, 2020 (DOY 54)

Storm duration = 28 hrs

Storm total water content at SASP = 15 mm (0.6 inches)

Mean precip intensity: 0.54 mm/hr

Max precip intensity: 2 mm/hour, on Saturday, February 23 from 1600 to 1800

Max gain in snow depth at SASP = 21.4 cm (8.4 inches)

Max gain in snow depth at SBSP (wind affected) = 13.2 cm (5.2 inches)

Peak gust at PTSP at: 41.7 mph at 100 hrs MST Sunday, February 23, 2020 (DOY 54)

Storm Wind Rose (Putney Study Plot data)

Putney (CSAS) 12327 ft

No. of observations: 49

From: Feb 21, 2020 08:00 pm MST
To: Feb 23, 2020 08:00 pm MST

Ave. wind dir: 199
Ave. wind spd: 11.3 mph
Peak gust: 42 mph

