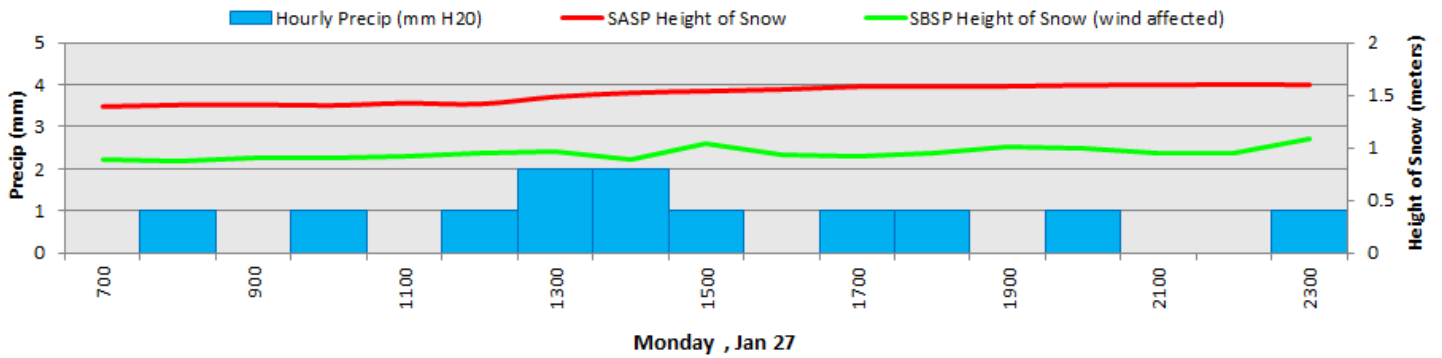


2019/2020 WINTER STORM #12

2019-20 Winter Storm #12: Jan 27, 2020

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



Storm Summary Statistics:

Storm precip began between 700 – 800 hrs MST Monday, January 27, 2020 (DOY 27)

Storm precipitation ended: 2300 hrs MST Monday, January 27, 2020 (DOY 27)

Storm duration = 17 hrs

Storm total water content at SASP = 12 mm (0.5 inches)

Mean precip intensity: 0.71 mm/hr

Max precip intensity: 2 mm/hour, on multiple occasions

Max gain in snow depth at SASP = 20.7 cm (8.1 inches)

Max gain in snow depth at SBSP (wind affected) = 19.3 cm (7.6 inches)

Peak gust at PTSP at: 50.5 mph at 2100 hrs MST Monday, January 27, 2020 (DOY 27)

Storm Wind Rose (Putney Study Plot data)

Putney (CSAS) 12327 ft

No. of observations: 49

From: Jan 26, 2020 09:00 am MST
To: Jan 28, 2020 09:00 am MST

Ave. wind dir: 354
Ave. wind spd: 15.5 mph
Peak gust: 51 mph

