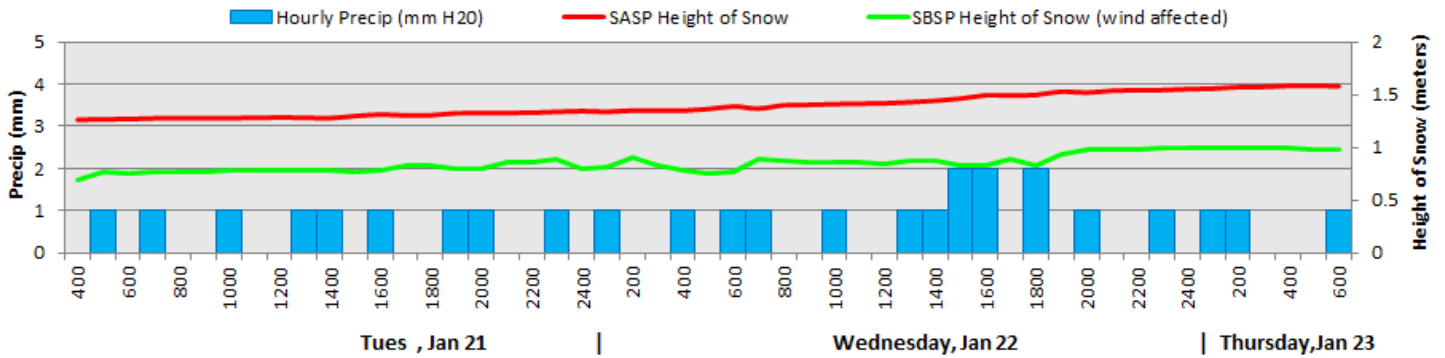


2019/2020 WINTER STORM #11

2019-20 Winter Storm #11: Jan 21-22, 2019

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



Storm Summary Statistics:

Storm precip began between 400 – 500 hrs MST Tuesday, January 21, 2020 (DOY 21)

Storm precipitation ended: 600 hrs MST Thursday, January 23, 2020 (DOY 23)

Storm duration = 51 hrs

Storm total water content at SASP = 27 mm (1.1 inches)

Mean precip intensity: 0.53 mm/hr

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

Max gain in snow depth at SASP = 31.8 cm (12.5 inches)

Max gain in snow depth at SBSP (wind affected) = 29 cm (11.4 inches)

Peak gust at PTSP at: 33.9 mph at 2100 hrs MST Tuesday, January 21, 2020 (DOY 21)

Storm Wind Rose (Putney Study Plot data)

Putney (CSAS) 12327 ft

No. of observations: 49

From: Jan 21, 2020 04:00 pm MST
To: Jan 23, 2020 04:00 pm MST

Ave. wind dir: 344
Ave. wind spd: 14.2 mph
Peak gust: 39 mph

