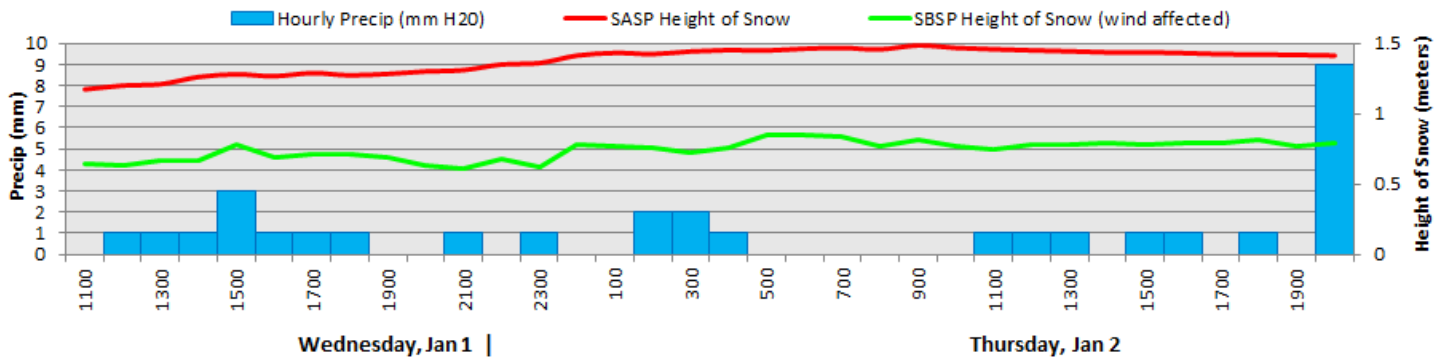


2019/2020 WINTER STORM #9

2019-20 Winter Storm #9: Jan 1-2, 2019

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



Storm Summary Statistics:

Storm precip began between 1100 – 1200 hrs MST Wednesday, January 1, 2020 (DOY 1)

Storm precipitation ended: 2000 hrs MST Thursday, January 2, 2020 (DOY 2)

Storm duration = 34 hrs

Storm total water content at SASP = 31 mm (1.2 inches)

Mean precip intensity: 0.91 mm/hr

Max precip intensity: 9 mm/hour, on Thursday, January 2 at 2000

Max gain in snow depth at SASP = 24 cm (9.4 inches)

Max gain in snow depth at SBSP (wind affected) = 14.5 cm (5.7 inches)

Peak gust at PTSP at: 41.8 mph at 1953 hrs MST Wednesday, January 1, 2020 (DOY 1)

Storm Wind Rose (Putney Study Plot data)

Putney (CSAS) 12327 ft

No. of observations: 49

From: Jan 01, 2020 03:00 am MST
To: Jan 03, 2020 03:00 am MST

Ave. wind dir: 352
Ave. wind spd: 15.3 mph
Peak gust: 42 mph

