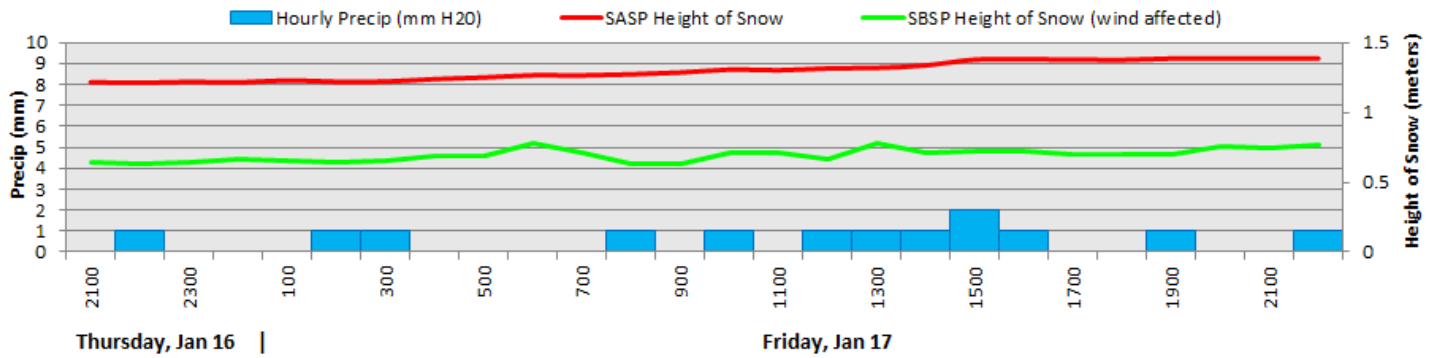


2019/2020 WINTER STORM #10

2019-20 Winter Storm #10: Jan 16-17, 2020

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



Storm Summary Statistics:

Storm precip began between 2000 – 2100 hrs MST Thursday, January 16, 2020 (DOY 16)

Storm precipitation ended: 2200 hrs MST Friday, January 17, 2020 (DOY 17)

Storm duration = 26 hrs

Storm total water content at SASP = 13 mm (0.5 inches)

Mean precip intensity: 0.50 mm/hr

Max precip intensity: 2 mm/hour, on Friday, January 17 at 2000

Max gain in snow depth at SASP = 17 cm (6.7 inches)

Max gain in snow depth at SBSP (wind affected) = 12.1 cm (4.8 inches)

Peak gust at PTSP at: 73 mph at 1151 hrs MST Friday, January 17, 2020 (DOY 17)

Storm Wind Rose (Putney Study Plot data)

Putney (CSAS) 12327 ft

No. of observations: 49

From: Jan 15, 2020 01:00 pm MST
To: Jan 17, 2020 01:00 pm MST

Ave. wind dir: 206
Ave. wind spd: 17.5 mph
Peak gust: 73 mph

