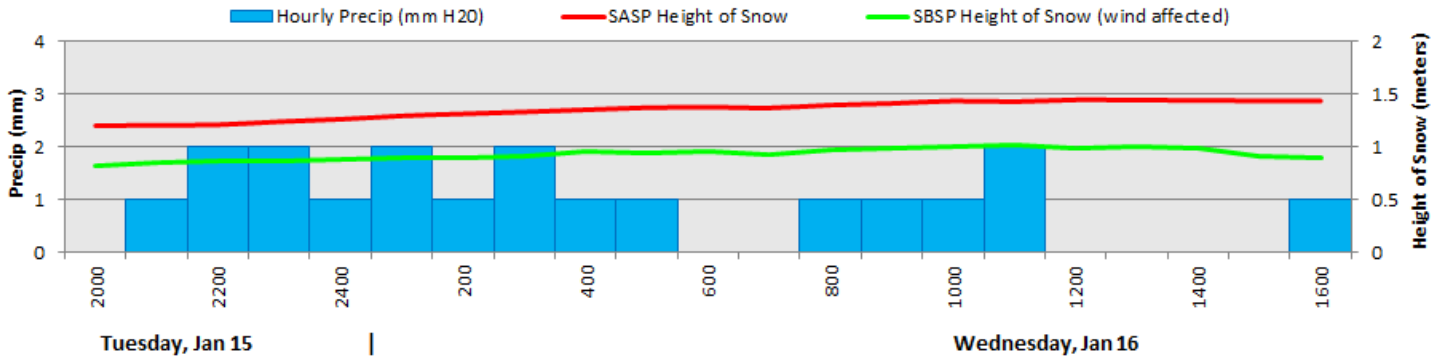


2018/2019 WINTER STORM #9

2018-19 Winter Storm #9: Jan 15-16, 2019

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



Storm Summary Statistics:

Storm precip began between 2000 – 2100 hrs MST Tuesday, January 15, 2019 (DOY 15)

Storm precipitation ended: 1600 hrs MST Wednesday, January 16, 2019 (DOY 16)

Storm duration = 21 hrs

Storm total water content at SASP = 19 mm (0.7 inches)

Mean precip intensity: 0.90 mm/hr

Max precip intensity: 2 mm/hour on multiple occasions

Max gain in snow depth at SASP = 23.6 cm (9.3 inches)

Max gain in snow depth at SBSP (wind affected) = 8.6 cm (3.4 inches)

Peak gust at PTSP at: 1345 hrs MST Tuesday, January 16, 2019 (DOY 16)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 21

No. of missing hours: 0

From hour ending: Jan 15, 2019 2000 MST

To: Jan 16, 2019 1600 MST

Avg. wind dir: 228

Avg. wind spd: 20.4 mph

Peak gust: 42.3 mph

