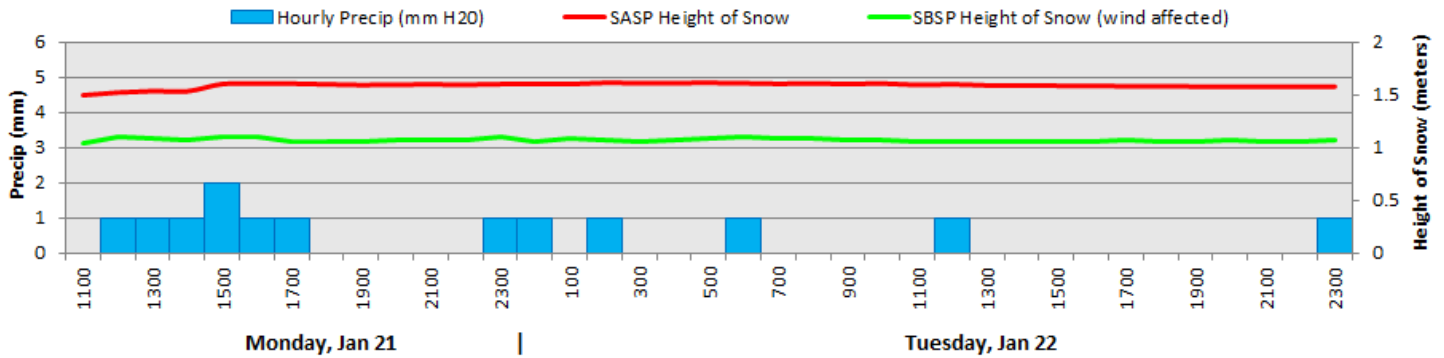


2018/2019 WINTER STORM #11

2018-19 Winter Storm #11: Jan 21-22, 2019

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



Storm Summary Statistics:

Storm precip began between 1100 – 1200 hrs MST Monday, January 21, 2019 (DOY 21)

Storm precipitation ended: 2300 hrs MST Tuesday, January 22, 2019 (DOY 22)

Storm duration = 37 hrs

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

Mean precip intensity: 0.35 mm/hr

Max precip intensity: 2 mm/hour on Monday, January 21 during the hour 1400

Max gain in snow depth at SASP = 8.2 cm (3.2 inches)

Max gain in snow depth at SBSP (wind affected) = 2.1 cm (0.8 inches)

Peak gust at PTSP at: 1224 hrs MST Monday, January 21, 2019 (DOY 21)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 37

No. of missing hours: 0

From hour ending: Jan 21, 2019 0000 MST

To: Jan 22, 2019 1200 MST

Avg. wind dir: 208

Avg. wind spd: 24.6 mph

Peak gust: 72.5 mph

