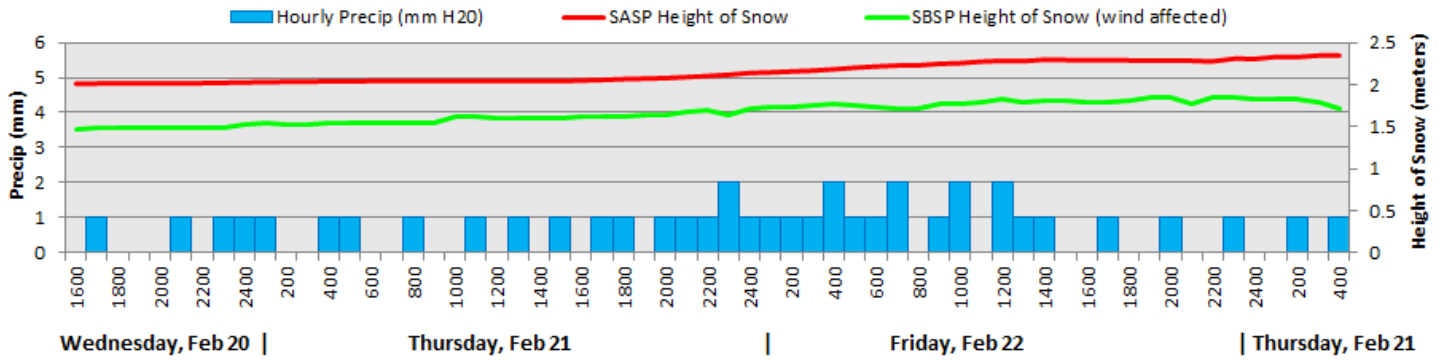


2018/2019 WINTER STORM #17

2018-19 Winter Storm #17: Feb 20-23, 2019

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



Storm Summary Statistics:

Storm precip began between 1600 – 1700 hrs MST Wednesday, February 20, 2019 (DOY 51)

Storm precipitation ended: 40000 hrs MST Saturday, February 23, 2019 (DOY 54)

Storm duration = 61 hrs

Storm total water content at SASP = 40 mm (1.6 inches)

Mean precip intensity: 0.66 mm/hr

Max precip intensity: 2 mm/hour on multiple occasions

Max gain in snow depth at SASP = 33.3 cm (13.1 inches)

Max gain in snow depth at SBSP (wind affected) = 24.1 cm (9.5 inches)

Peak gust at PTSP at: 736 on February 22, 2019 (DOY 53)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 61

No. of missing hours: 0

From hour ending: Feb 20, 2019 1600 MST

To: Feb 23, 2019 0400 MST

Avg. wind dir: 181

Avg. wind spd: 19.2 mph

Peak gust: 52.9 mph

