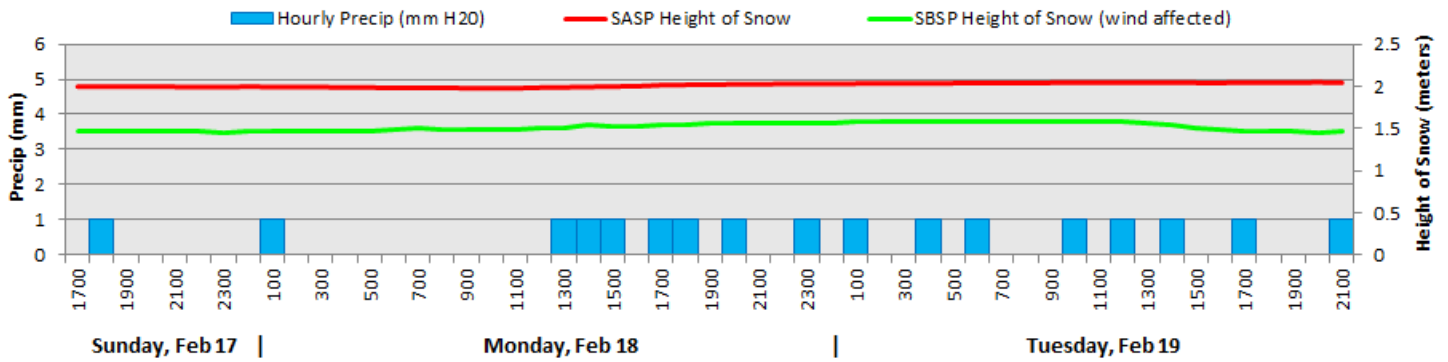


2018/2019 WINTER STORM #16

2018-19 Winter Storm #16: Feb 17-19, 2019

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



Storm Summary Statistics:

Storm precip began between 1700 – 1800 hrs MST Sunday, February 17, 2019 (DOY 48)

Storm precipitation ended: 2100 hrs MST Tuesday, February 19, 2019 (DOY 50)

Storm duration = 53 hrs

Storm total water content at SASP = 17 mm (.7 inches)

Mean precip intensity: 0.32 mm/hr

Max precip intensity: 1 mm/hour on multiple occasions

Max gain in snow depth at SASP = 4.5 cm (1.8 inches)

Max gain in snow depth at SBSP (wind affected) = 0 cm

Peak gust at PTSP at: 1730 on February 18, 2019 (DOY 49)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 53

No. of missing hours: 0

From hour ending: Feb 17, 2019 1700 MST

To: Feb 19, 2019 2100 MST

Avg. wind dir: 191

Avg. wind spd: 14.5 mph

Peak gust: 50.8 mph

