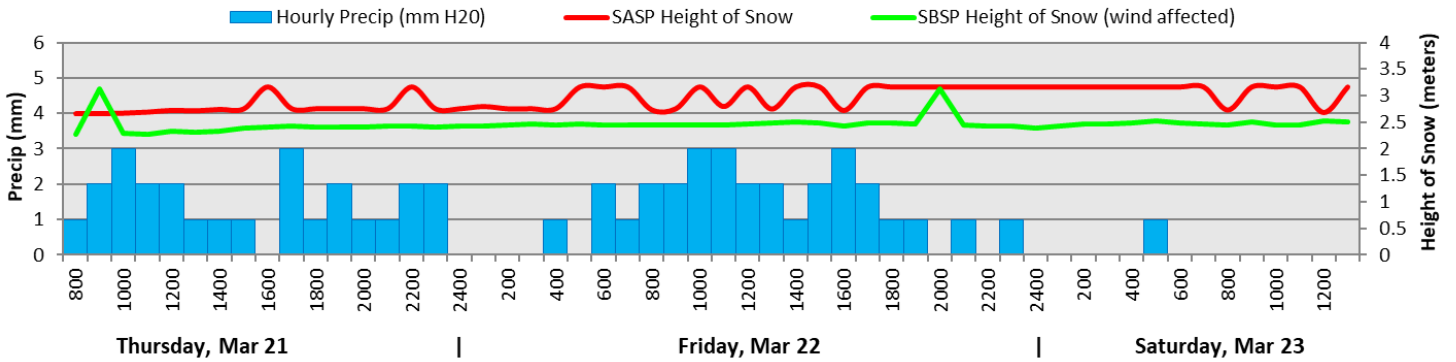


# 2018/2019 WINTER STORM #21

2018-19 Winter Storm #21: March 21-23, 2019

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



## Storm Summary Statistics:

Storm precip began between 0800 – 0900 hrs MST Thursday, March 21, 2019 (DOY 80)

Storm precipitation ended: 1300 hrs MST Saturday, March 23, 2019 (DOY 82)

Storm duration = 54 hrs

Storm total water content at SASP = 29 mm (1.1 inches)

Mean precip intensity: 0.54 mm/hr

Max precip intensity: 4 mm/hour on March 21 at 1500

Max gain in snow depth at SASP = 50 cm (19.7 inches)

Max gain in snow depth at SBSP (wind affected) = 23.7 cm (9.3 inches)

Peak gust at PTSP at: 1800 on Thursday, March 21, 2019 (DOY 80)

## Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 54

No. of missing hours: 0

From hour ending: Mar 21, 2019 0800 MST

To: Mar 23, 2019 1300 MST

Avg. wind dir: 224

Avg. wind spd: 17.5 mph

Peak gust: 59.9 mph

