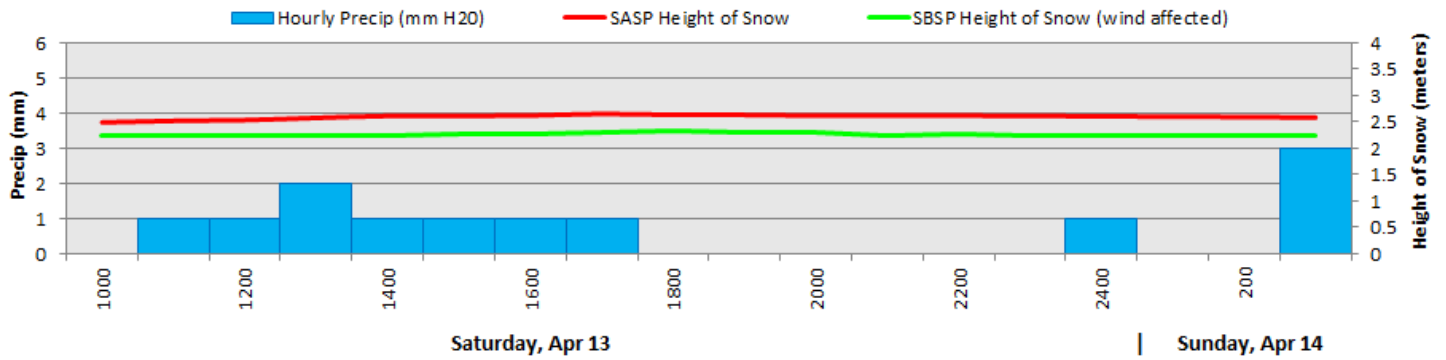


# 2018/2019 WINTER STORM #23

2018-19 Winter Storm #23: April 13-14, 2019

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



## Storm Summary Statistics:

Storm precip began between 0900 – 1000 hrs MST Saturday, April 13, 2019 (DOY 103)

Storm precipitation ended: 0300 hrs MST Sunday, April 14, 2019 (DOY 104)

Storm duration = 18 hrs

Storm total water content at SASP = 12 mm (0.47 inches)

Mean precip intensity: 0.67 mm/hr

Max precip intensity: 3 mm/hour on April 14 at 0300 hrs MST

Max gain in snow depth at SASP = 9 cm (3.5 inches)

Max gain in snow depth at SBSP (wind affected) = 1.0 cm (0.4 inches)

Peak gust at PTSP at: 0051 on Sunday, April 14, 2019 (DOY 104)

## Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 18

No. of missing hours: 0

From hour ending: Apr 13, 2019 0900 MST

To: Apr 14, 2019 0200 MST

Avg. wind dir: 358

Avg. wind spd: 9.1 mph

Peak gust: 23.0 mph

