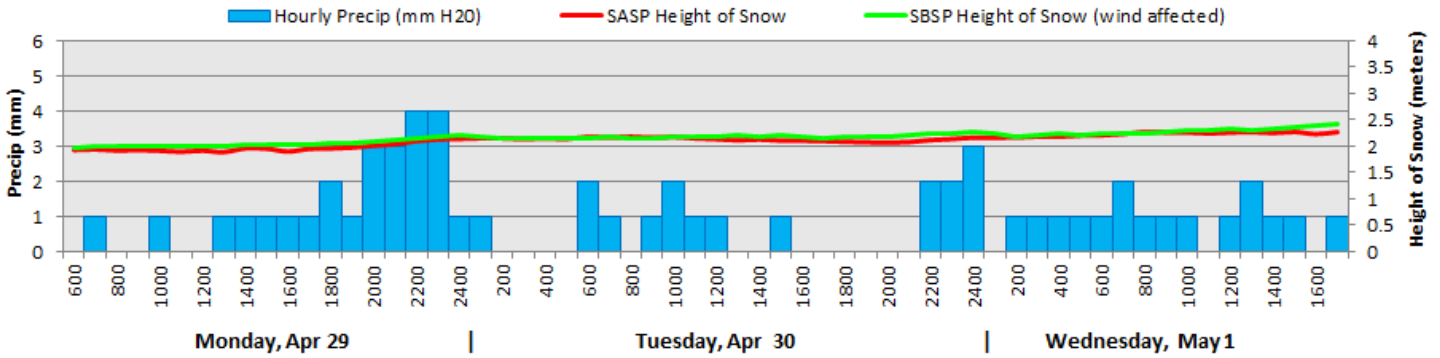


# 2018/2019 WINTER STORM #24

2018-19 Winter Storm #24: April 29-May 1, 2019

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



## Storm Summary Statistics:

Storm precip began between 0500 – 0600 hrs MST Monday, April 29, 2019 (DOY 119)

Storm precipitation ended: 1700 hrs MST Wednesday, May 1, 2019 (DOY 121)

Storm duration = 60 hrs

Storm total water content at SASP = 58 mm (2.3 inches)

Mean precip intensity: 0.97 mm/hr

Max precip intensity: 4 mm/hour on multiple occasions

Max gain in snow depth at SASP = 34 cm (13.4 inches)

Max gain in snow depth at SBSP (wind affected) = 46.5 cm (18.3 inches)

Peak gust at PTSP at: 2254 on Tuesday, April 30, 2019 (DOY 120)

## Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 60

No. of missing hours: 0

From hour ending: Apr 29, 2019 0500 MST

To: May 01, 2019 1600 MST

Avg. wind dir: 218

Avg. wind spd: 19.7 mph

Peak gust: 57.9 mph

