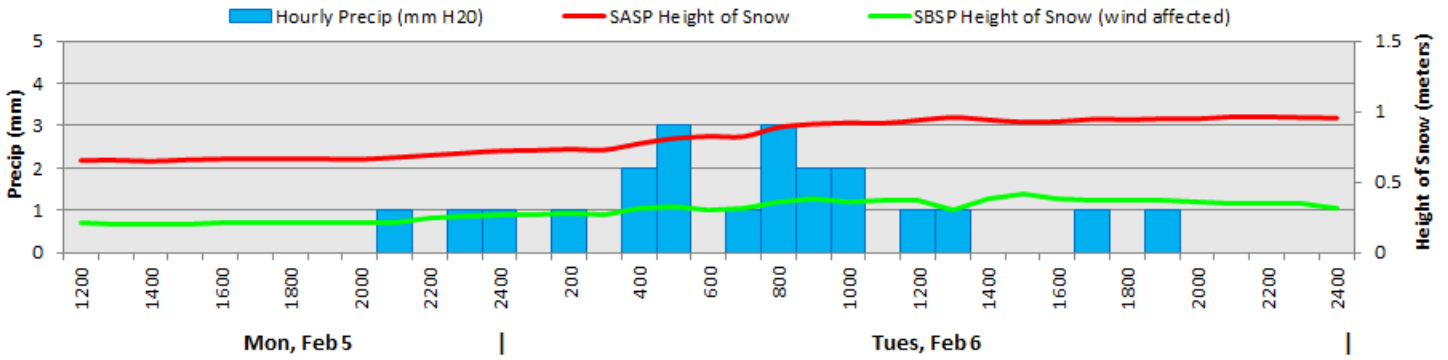


# 2017/2018 WINTER STORM #4

2017-18 Winter Storm #4: Feb 5-6, 2018

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



**Storm Summary Statistics:**

Storm precip began between 2000 – 2100 hrs MST Monday, February 5, 2018 (DOY 36)

Storm precipitation ended: 1900 hrs MST Tuesday, February 6, 2018 (DOY 37)

Storm duration = 37 hrs

Storm total water content at SASP = 21 mm (0.8 inches)

Mean precip intensity: 0.88 mm/hr

Max precip intensity: 3 mm/hour at 500 hrs MST Tuesday, February 6, 2018 (DOY 37)

Max gain in snow depth at SASP = 28.8 cm (11.3 inches)

Max gain in snow depth at SBSP (wind affected) = 14.5 cm (5.7 inches)

Peak gust at PTSP at: 200 hrs MST Tuesday, February 6, 2018 (DOY 37)

**Storm Wind Rose (Putney Study Plot data):**

CSAS Putney Study Plot 12,323 ft.

No. of hours: 24

No. of missing hours: 0

From hour ending: Feb 05, 2018 2000 MST

To: Feb 06, 2018 1900 MST

Avg. wind dir: 290

Avg. wind spd: 16.1 mph

Peak gust: 46.7 mph

