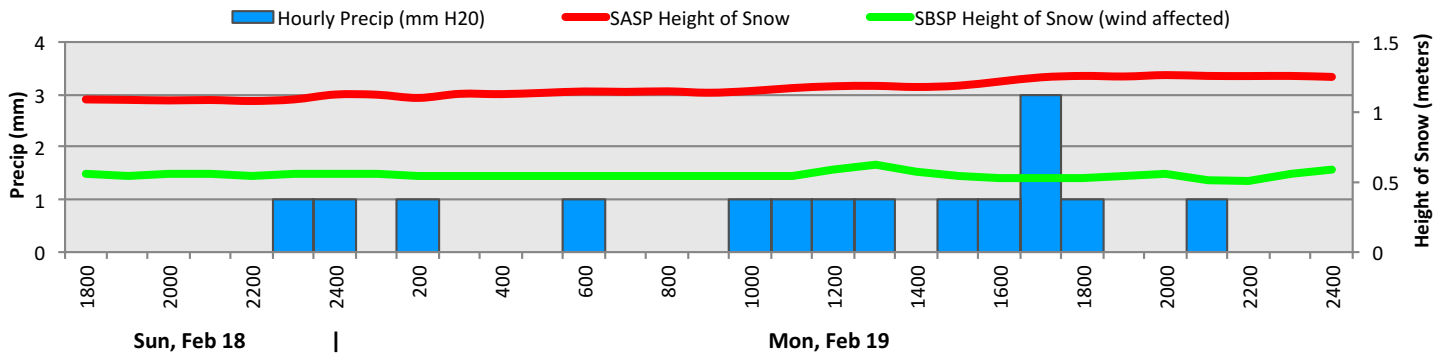


# 2017/2018 WINTER STORM #7

2017-18 Winter Storm #7: Feb 18-19, 2018  
 Senator Beck Basin Study Area, at Red Mountain Pass, CO



**Storm Summary Statistics:**

- Storm precip began between 2200 – 2300 hrs MST Sunday, February 18, 2018 (DOY 49)
- Storm precipitation ended: 2100 hrs MST Monday, February 19, 2018 (DOY 50)
- Storm duration = 23 hrs
- Storm total water content at SASP = 15 mm (0.6 inches)
- Mean precip intensity: 0.65 mm/hr
- Max precip intensity: 3 mm/hour between 1600 and 1700 hrs MST Monday, February 19 (DOY 50)
- Max gain in snow depth at SASP = 16.1 cm (6.3 inches)
- Max gain in snow depth at SBSP (wind affected) = 4.1 cm (1.6 inches)
- Peak gust at PTSP at: 1440 hrs MST Monday, February 19, 2018 (DOY 50)

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

CSAS Putney Study Plot 12,323 ft.

No. of hours: 23  
 No. of missing hours: 0

From hour ending: Feb 18, 2018 2300 MST  
 To: Feb 19, 2018 2100 MST

Avg. wind dir: 211  
 Avg. wind spd: 38.5 mph  
 Peak gust: 83.3 mph

