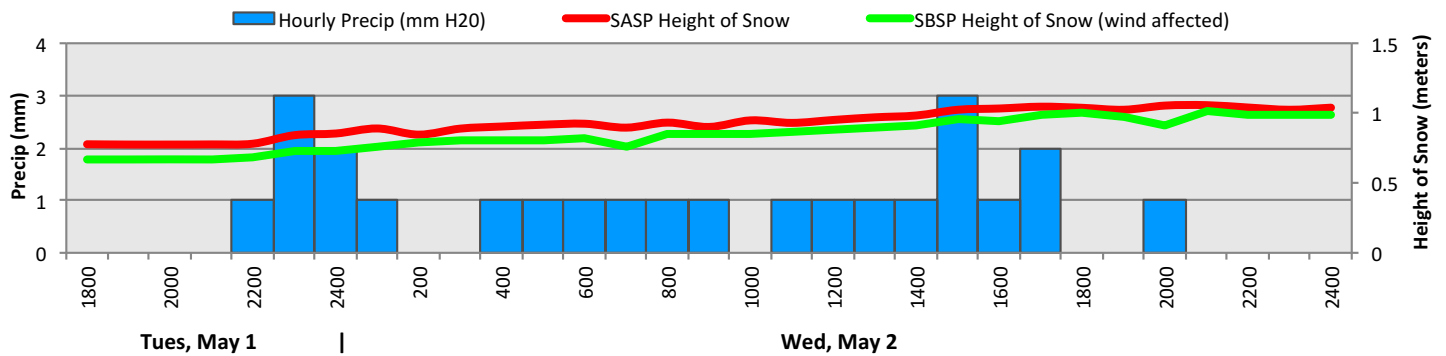


2017/2018 WINTER STORM #15

2017-18 Winter Storm #15: May 1-2, 2018

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



Storm Summary Statistics:

Storm precip began between 2100 – 2200 hrs MST Tuesday, May 1, 2018 (DOY 121)

Storm precipitation ended: 2000 hrs MST Wednesday, May 2, 2018 (DOY 122)

Storm duration = 23 hrs

Storm total water content at SASP = 24 mm (0.9 inches)

Mean precip intensity: 1.04 mm/hr

Max precip intensity: 3 mm/hour on multiple occasions on multiple days

Max gain in snow depth at SASP = 27.8 cm (10.9 inches)

Max gain in snow depth at SBSP (wind affected) = 24.1 cm (9.5 inches)

Peak gust at PTSP at: 0800 hrs MST Wednesday, May 2, 2018 (DOY 122)

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: May 01, 2018 2200 MST
To: May 02, 2018 2000 MST

Avg. wind dir: 170
Avg. wind spd: 13.9 mph
Peak gust: 41.9 mph

