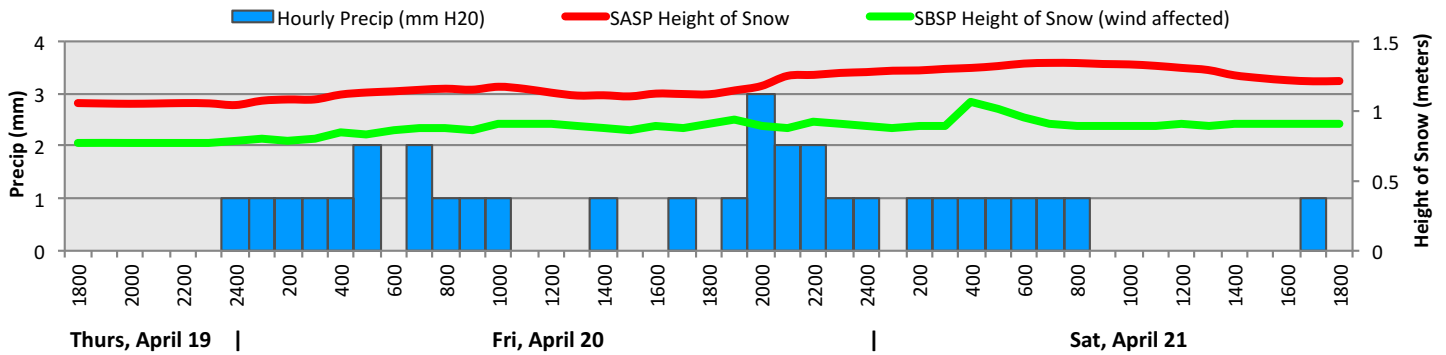


2017/2018 WINTER STORM #14

2017-18 Winter Storm #14: April 19-21, 2018

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



Storm Summary Statistics:

Storm precip began between 2300 – 2400 hrs MST Thursday, April 19, 2018 (DOY 109)

Storm precipitation ended: 1700 hrs MST Saturday, April 21, 2018 (DOY 111)

Storm duration = 43 hrs

Storm total water content at SASP = 32 mm (1.3 inches)

Mean precip intensity: 0.74 mm/hr

Max precip intensity: 3 mm/hour between 1900 and 2000 hrs MST Friday, April 20, 2018 (DOY 110)

Max gain in snow depth at SASP = 15.8 cm (6.2 inches)

Max gain in snow depth at SBSP (wind affected) = 13.7 cm (5.4 inches)

Peak gust at PTSP at: 0043 hrs MST Friday, April 20, 2018 (DOY 110)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 43
No. of missing hours: 0

From hour ending: Apr 19, 2018 2300 MST
To: Apr 21, 2018 1700 MST

Avg. wind dir: 319
Avg. wind spd: 15.5 mph
Peak gust: 60.2 mph

