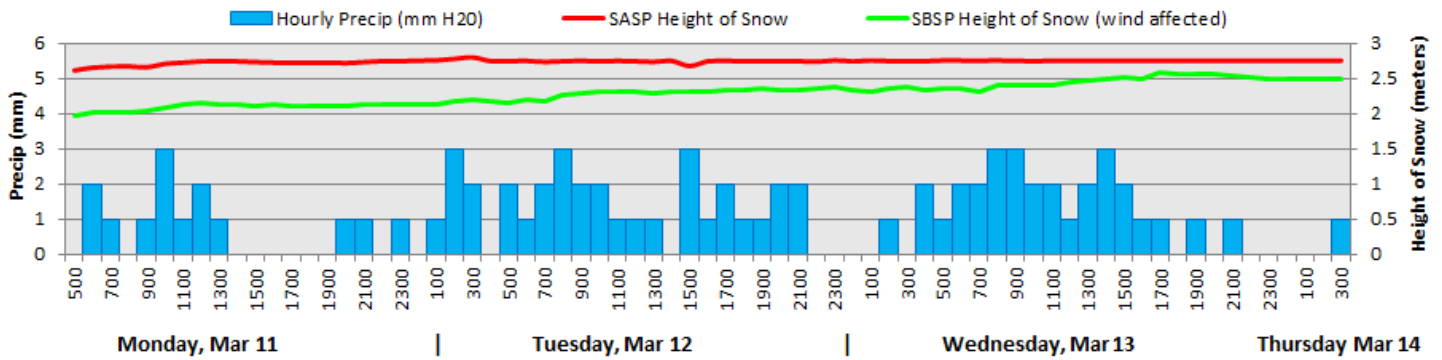


2018/2019 WINTER STORM #20

2018-19 Winter Storm #20: March 11-14, 2019

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



Storm Summary Statistics:

Storm precip began between 0500 – 0600 hrs MST Monday, March 11, 2019 (DOY 70)

Storm precipitation ended: 0300 hrs MST Thursday, March 14, 2019 (DOY 73)

Storm duration = 71 hrs

Storm total water content at SASP = 78 mm (3.1 inches)

Mean precip intensity: 1.10 mm/hr

Max precip intensity: 3 mm/hour on multiple occasions

Max gain in snow depth at SASP = 13.9 cm (5.5 inches)

Max gain in snow depth at SBSP (wind affected) = 50.6 cm (19.9 inches)

Peak gust at PTSP at: 0706 on Wednesday, March 13, 2019 (DOY 72)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 71

No. of missing hours: 0

From hour ending: Mar 11, 2019 0500 MST

To: Mar 14, 2019 0300 MST

Avg. wind dir: 239

Avg. wind spd: 20.5 mph

Peak gust: 62.1 mph

