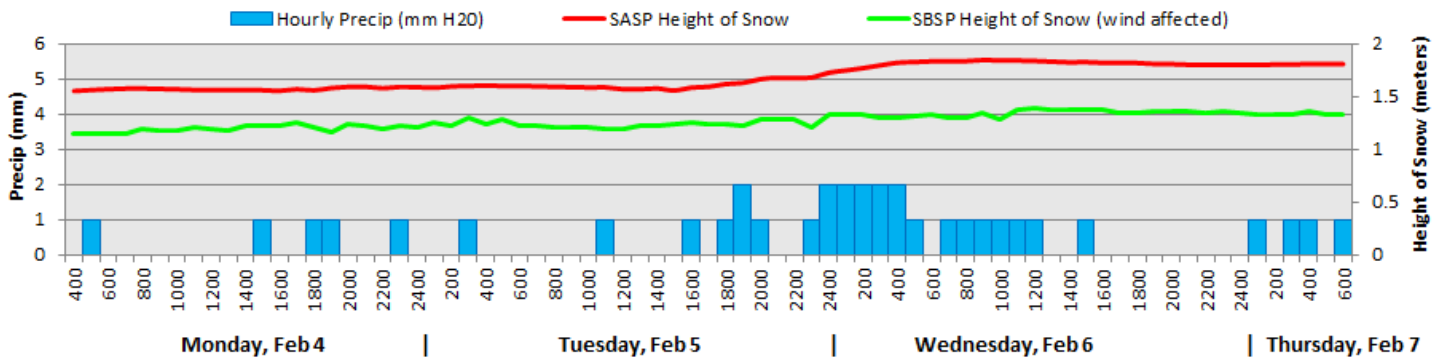


2018/2019 WINTER STORM #14

2018-19 Winter Storm #14: Feb 4-7, 2019

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



Storm Summary Statistics:

Storm precip began between 0400 – 0500 hrs MST Monday, February 4, 2019 (DOY 35)

Storm precipitation ended: 0600 hrs MST Thursday, February 7, 2019 (DOY 38)

Storm duration = 75 hrs

Storm total water content at SASP = 35 mm (1.4 inches)

Mean precip intensity: 0.47 mm/hr

Max precip intensity: 2 mm/hour on multiple occasions

Max gain in snow depth at SASP = 25.5 cm (10.0 inches)

Max gain in snow depth at SBSP (wind affected) = 19.0 cm (7.5 inches)

Peak gust at PTSP at: 525 hrs MST Tuesday, February 5, 2019 (DOY 36)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 75

No. of missing hours: 0

From hour ending: Feb 04, 2019 0400 MST

To: Feb 07, 2019 0600 MST

Avg. wind dir: 213

Avg. wind spd: 29.9 mph

Peak gust: 66.8 mph

