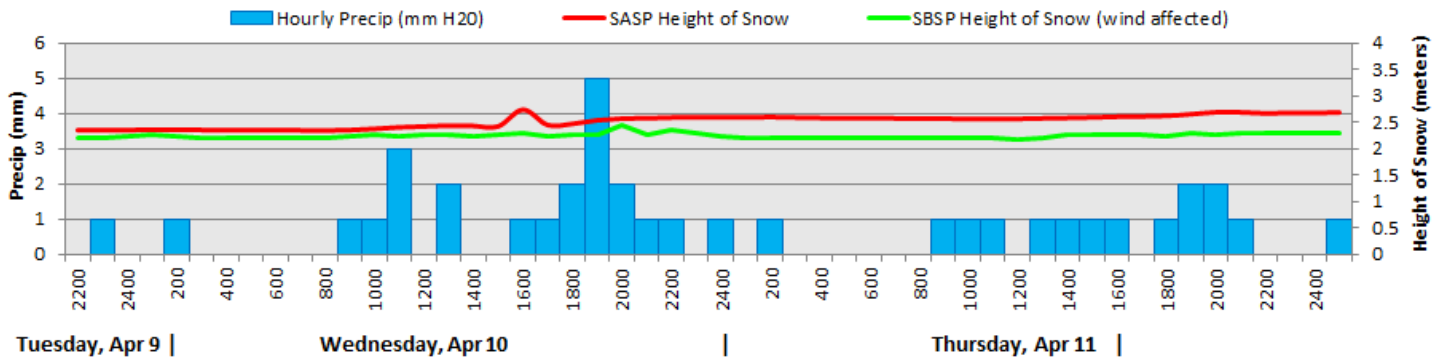


2018/2019 WINTER STORM #22

2018-19 Winter Storm #22: April 9-12, 2019

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



Storm Summary Statistics:

Storm precip began between 2200 – 2300 hrs MST Tuesday, April 9, 2019 (DOY 99)

Storm precipitation ended: 0100 hrs MST Friday, April 12, 2019 (DOY 102)

Storm duration = 52 hrs

Storm total water content at SASP = 38 mm (1.5 inches)

Mean precip intensity: 0.73 mm/hr

Max precip intensity: 5 mm/hour on April 10 at 2000 hrs MST

Max gain in snow depth at SASP = 33.7 cm (13.3 inches)

Max gain in snow depth at SBSP (wind affected) = 7.7 cm (3.0 inches)

Peak gust at PTSP at: 0351 on Wednesday, April 10, 2019 (DOY 100)

Storm Wind Rose (Putney Study Plot data)

CSAS Putney Study Plot 12,323 ft.

No. of hours: 52

No. of missing hours: 0

From hour ending: Apr 09, 2019 2200 MST

To: Apr 12, 2019 0100 MST

Avg. wind dir: 312

Avg. wind spd: 24.0 mph

Peak gust: 72.9 mph

