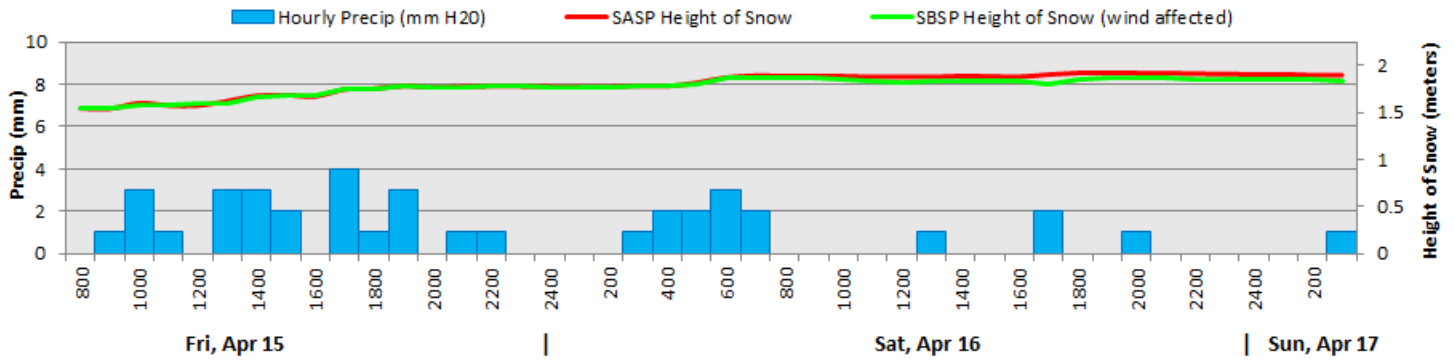


# 2015/2016 WINTER STORM #19

## 2015-16 Winter Storm #19 April 15-17, 2016 Senator Beck Basin Study Area, at Red Mountain Pass, CO



### Storm Summary Statistics:

Storm precip began between 700 – 800 hrs MST Friday, April 15, 2016 (DOY 106)

Storm precipitation ended: 300 hrs MST Sunday, April 17, 2016 (DOY 108)

Storm duration = 44 hrs

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

Mean Precip intensity: 0.86 mm/hr

Max Precip intensity: 4 mm/hour on Friday, April 15, 2016 (DOY 106)

Max gain in snow depth at SASP = 35.3 cm (13.9 inches) of snow

Max gain in snow depth at SBSP (wind affected) = 29.4 cm (11.6 inches) of snow

Peak Gust at PTSP at: 1433 hrs MST Friday, April 15, 2016 (DOY 106)

### Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 44

No. of missing hours: 0

From hour ending: Apr 15, 2016 0800 MST

To: Apr 17, 2016 0300 MST

Avg. wind dir: 36

Avg. wind spd: 12.9 mph

Peak gust: 41.2 mph

