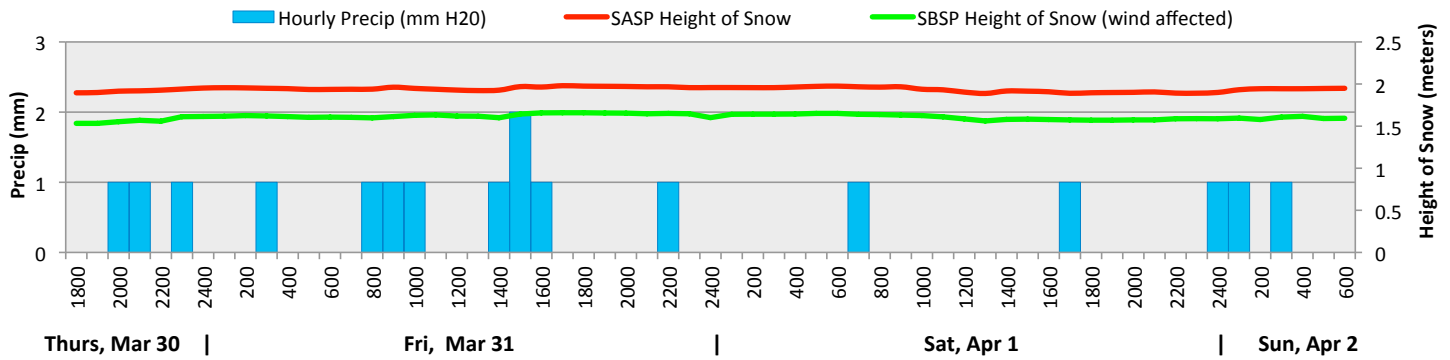


# 2016/2017 WINTER STORM #22

2016-17 Winter Storm #22: March 30-April 2, 2017  
 Senator Beck Basin Study Area, at Red Mountain Pass, CO



**Storm Summary Statistics:**

Storm precip began between 1900 – 2000 hrs MST Thursday, March 30, 2017 (DOY 89)

Storm precipitation ended: 0300 hrs MST Sunday, Apr 2, 2017 (DOY 92)

Storm duration = 57 hrs

Storm total water content at SASP = 17 mm (0.7 inches)

Mean precip intensity: 0.30 mm/hr

Max precip intensity: 2 mm/hour at 1500 on Friday March 31, 2017 (DOY 90)

Max gain in snow depth at SASP = 4.5 cm (1.8 inches)

Max gain in snow depth at SBSP (wind affected) = 7.4 cm (2.9 inches)

Peak gust at PTSP at: 0202 hrs MST Friday, March 31, 2017 (DOY 90)

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

CSAS Putney Study Plot 12,323 ft.

No. of hours: 57

No. of missing hours: 0

From hour ending: Mar 30, 2017 1900 MST

To: Apr 02, 2017 0300 MST

Avg. wind dir: 142

Avg. wind spd: 11.8 mph

Peak gust: 64.0 mph

