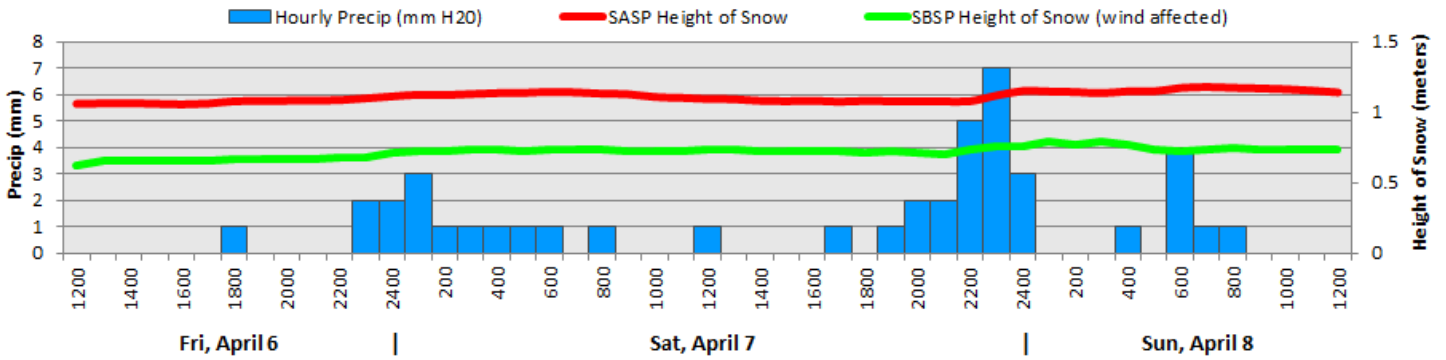


2017/2018 WINTER STORM #12

2017-18 Winter Storm #12: April 6-8, 2018
 Senator Beck Basin Study Area, at Red Mountain Pass, CO



Storm Summary Statistics:

Storm precipitation began between 1700 – 1800 hrs MST Friday, April 6, 2018 (DOY 96)

Storm precipitation ended: 800 hrs MST Sunday, April 8, 2018 (DOY 98)

Storm duration = 40 hrs

Storm total water content at SASP = 43 mm (1.7 inches)

Mean precipitation intensity: 1.08 mm/hr

Max precipitation intensity: 7 mm/hour between 2200 and 2300 hrs MST Saturday, April 7, 2018 (DOY 97)

Max gain in snow depth at SASP = 11.2 cm (4.4 inches)

Max gain in snow depth at SBSP (wind affected) = 9.4 cm (3.7 inches)

Peak gust at PTSP at: 535 hrs MST Sunday, April 8, 2018 (DOY 98)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 40
 No. of missing hours: 0

From hour ending: Apr 06, 2018 1700 MST
 To: Apr 08, 2018 0800 MST

Avg. wind dir: 276
 Avg. wind spd: 22.3 mph
 Peak gust: 85.3 mph

