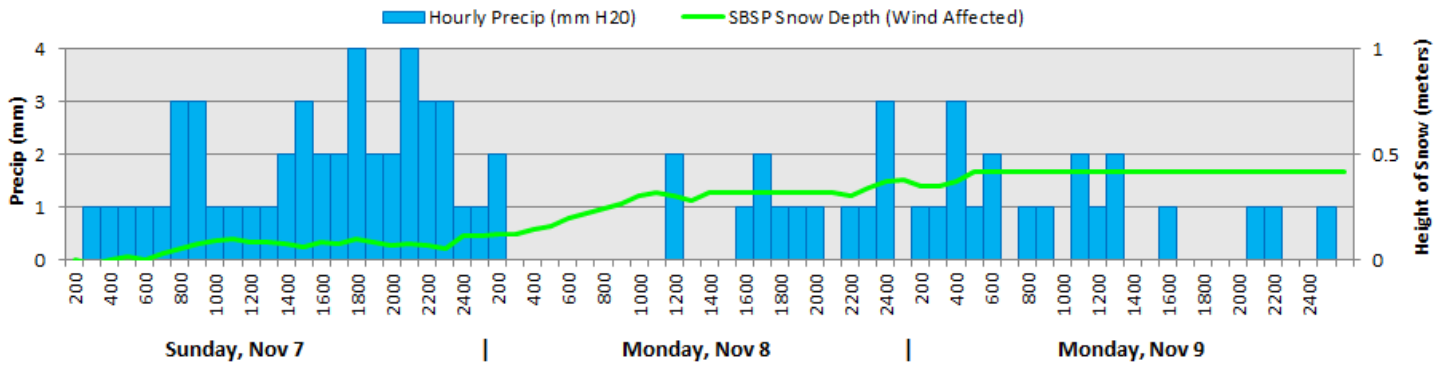


2020/2021 WINTER STORM #1

2020-2021 Winter Storm #1: Nov 7-9, 2020

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



Storm Summary Statistics:

Storm precip began between 200 – 300 hrs MST Saturday, November 7, 2020 (DOY 312)

Storm precipitation ended: 100 hrs MST Tuesday, November 10, 2020 (DOY 315)

Storm duration = 72 hrs

Storm total water content at SASP = 79 mm (3.1 inches)

Mean precip intensity: 0.94 mm/hr

Max precip intensity: 4 mm/hour, multiple occasions

Max gain in snow depth at SASP = 76.2 cm (30 inches)

Max gain in snow depth at SBSP (wind affected) = 41.8 cm (16.5 inches)

Peak gust at PTSP at: 105.5 mph at 2335 hrs MST Saturday, November 7, 2020 (DOY 312)

Storm Wind Rose (Putney Study Plot data):

