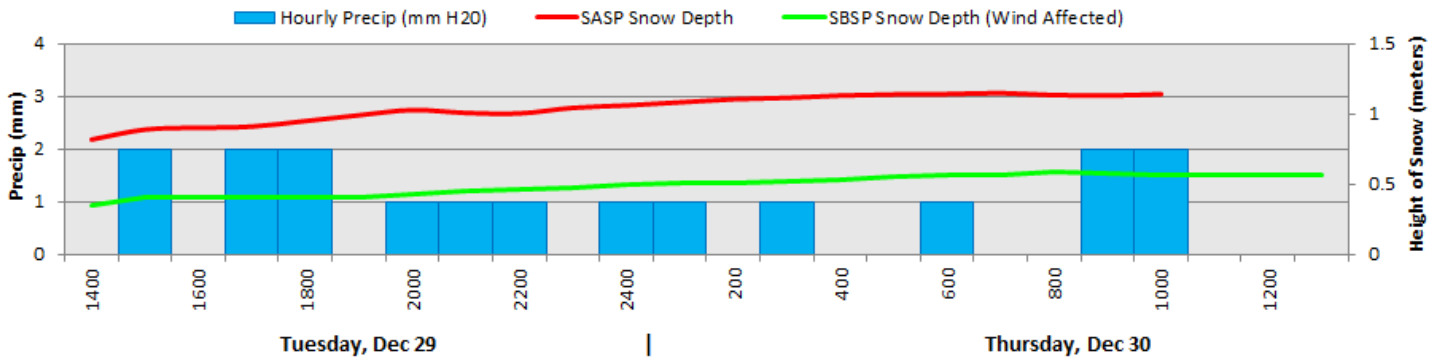


2020/2021 WINTER STORM #5

2020-2021 Winter Storm #5: Dec 29-30, 2021
Senator Beck Basin Study Area, at Red Mountain Pass, CO



Storm Summary Statistics:

Storm precip began between 600 – 700 hrs MST Tuesday, December 29, 2020 (DOY 363)

Storm precipitation ended: 200 hrs MST Wednesday, December 30, 2020 (DOY 364)

Storm duration = 21 hrs

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

Mean precip intensity: 0.81 mm/hr

Max precip intensity: 2 mm/hour, multiple occasions

Max gain in snow depth at SASP = 32.3 cm (12.7 inches)

Max gain in snow depth at SBSP (wind affected) = 21.3 cm (8.4 inches)

Peak gust at PTSP at: 65.2 mph at 1811 hrs MST Tuesday, December 29, 2020 (DOY 363)

Storm Wind Rose (Putney Study Plot data):

