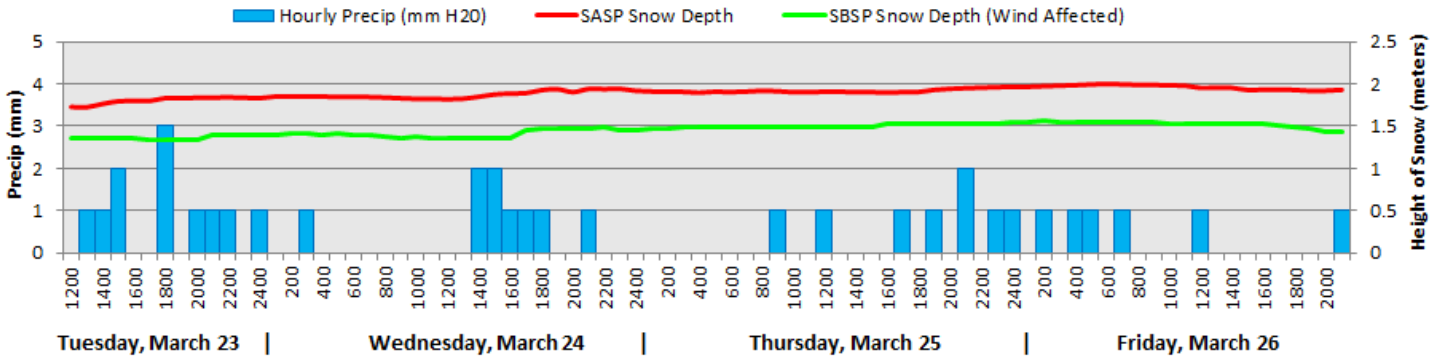


2020/2021 WINTER STORM #14

2020-2021 Winter Storm #14: March 23-26, 2021

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



Storm Summary Statistics:

Storm precip began between 1200 – 1300 hrs MST Tuesday, March 23, 2021 (DOY 82)

Storm precipitation ended: 2100 hrs MST Friday, March 26, 2021 (DOY 85)

Storm duration = 82 hrs

Storm total water content at SASP = 34 mm (1.3 inches)

Mean precip intensity: 0.41 mm/hr

Max precip intensity: 3 mm/hour, multiple occasions

Max gain in snow depth at SASP = 20.3 cm (8.0 inches)

Max gain in snow depth at SBSP (wind affected) = 7.8 cm (3.1 inches)

Peak gust at PTSP at: 44.4 mph at 1214 hrs MST Thursday, March 25, 2021 (DOY 84)

Storm Wind Rose (Putney Study Plot data):

CSAS Putney Study Plot 12,323 ft.

No. of hours: 82

No. of missing hours: 0

From hour ending: Mar 23, 2021 1200 MST

To: Mar 26, 2021 2100 MST

Avg. wind dir: 211

Avg. wind spd: 12.0 mph

Peak gust: 44.4 mph

