
BRIGHTON SNOW SAFETY PATROL REFRESHER 20-21

BY – PETER TUCKER

GOALS

- 19-20 SEASON REVIEW, BY THE NUMBERS
 - AVALANCHE MITIGATION OPERATIONAL MORNINGS TIMELINE
 - AVALANCHE MITIGATION ROUTES, ROUTE SAFETY, AND LOG/SHOT SHEETS
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BOTTOM LINES AND TAKEAWAYS VIDEO AT END

2019-2020 SEASON REVIEW

Oct. - 33" snow @ 2.83" H₂O.....aka Snow Water Equivalent (SWE)

Nov. - 70" snow @ 4.85" H₂O

Dec. - 84" snow @ 7.37" H₂O

Jan. - 152.5" snow @ 10.44" H₂O

Feb. - 56.5" snow @ 5.59" H₂O

Mar. - 82.5" snow @ 6.86" H₂O

Apr. - 34" snow @ 3.13" H₂O

Year to Date (YTD) 502.5" snow @ 41.02" H₂O

PAST 20 YEARS SNOW AND WATER TOTALS

00-01 – 473.5" @ 43.85" H₂O

01-02 – 425" @ 41.37" H₂O

02-03 – 359" @ 33.35" H₂O

03-04 – 508" @ 39.27" H₂O

04-05 – 627.5" @ 60.25" H₂O

05-06 – 667" @ 62.65" H₂O

06-07 – 418.5" @ 37.54" H₂O

07-08 – 644.5" @ 52.37" H₂O

08-09 – 591.5" @ 52.82" H₂O

09-10 – 537" @ 46.03" H₂O

10-11 – 686" @ 70.35" H₂O

11-12 – 364.5" @ 36.37" H₂O

12-13 – 417" @ 34.75" H₂O

13-14 – 423" @ 38.25" H₂O

14-15 – 295" @ 25.27" H₂O

15-16 – 464.75" @ 38" H₂O

16-17 – 674" @ 60.94" H₂O

17-18 – 354" @ 31.83" H₂O

18-19 – 651" @ 56.85" H₂O

19-20 – 502.5" @ 41.02" H₂O

STORMS BY THE NUMBERS

10" OR MORE STORMS – 13X

20" OR MORE STORMS – 4X

0 STORMS IN THE 30-40" RANGE

40" OR MORE STORMS – 2X

50" OR MORE STORMS – 1X

3 SEPARATE STORMS WITH LESS THAN A 24-HOUR
WINDOW BETWEEN THEM PRODUCED 78" OF SNOW

MOST SIGNIFICANT CYCLES

THANKSGIVING CYCLE, 11-27—30, 2019 - 57" @ 3.88" H2O

MID DECEMBER CYCLE, 12-12---16, 2019 - 42.5" @ 3.98" H2O

MID JANUARY CYCLES, 1-8---15, 2020 - 78" @ 3.99" H2O

LCC INNER LODGE CYCLE, 2-6—9, 2020 - 20.5" @ 2.82" H2O



Significant cracking
on ascent, peppered
the slope, came
around the corner
to this.

THANKSGIVING CYCLE, SNAKE CREEK BOWL



FEBRUARY LCC INNER LODGE CYCLE, 2-7-20

Chris Stowe making his way across Milly bowl.
High density snow with winds created very
reactive slabs, crowns ranged from 18"-4'.