Mean Fractional Cloud Amount

1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00

2m 05s 2m 13s 2m 21s 2m 28s 2m 34s 2m 38s 2m 40s 2m 39s 2m 35s

Eclipse Duration

Newport
Salem
Madras
Mitchell
Ontario
Cascade
Idaho Falls
Jackson
Riverton
Casper
Alliance
North Platte
Grand Island
St Joseph
Columbia
Festus
Carbondale
maximum eclipse
Nashville
Tennessee Valley
Athens
Anderson
Charleston

Cascades
Columbia Basin
Columbia Plateau
Snake River Plain
Sawtooth Range
Snake River Plain
Wind River Range
Laramie Mtns
Blue Ridge Mtns
Piedmont Plateau
Lake Marion

10:30 a.m.
1:30 p.m.

Average Cloud Along the Centre Line
Total Solar Eclipse
2017 August 21

jay anderson