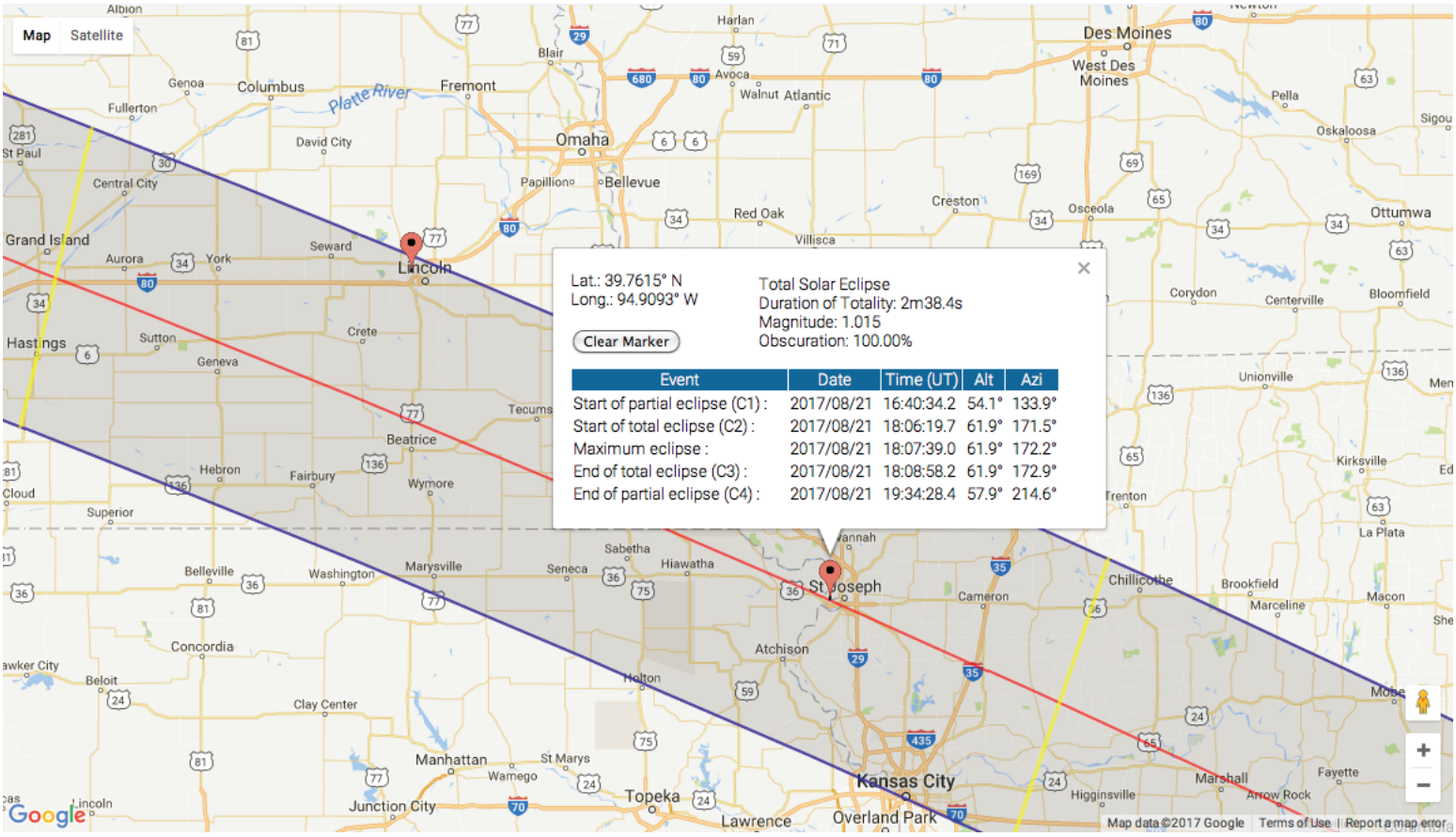
Lat.: 39.7615° N
Long.: 94.9093° W
Clear Marker
Total Solar Eclipse
Duration of Totality: 2m38.4s
Magnitude: 1.015
Obscuration: 100.00%
Event | Date | Time (UT) | Alt | Azi
Start of partial eclipse (C1) : | 2017/08/21 | 16:40:34.2 | 54.1° | 133.9°
Start of total eclipse (C2) : | 2017/08/21 | 18:06:19.7 | 61.9° | 171.5°
Maximum eclipse : | 2017/08/21 | 18:07:39.0 | 61.9° | 172.2°
End of total eclipse (C3) : | 2017/08/21 | 18:08:58.2 | 61.9° | 172.9°
End of partial eclipse (C4) : | 2017/08/21 | 19:34:28.4 | 57.9° | 214.6°
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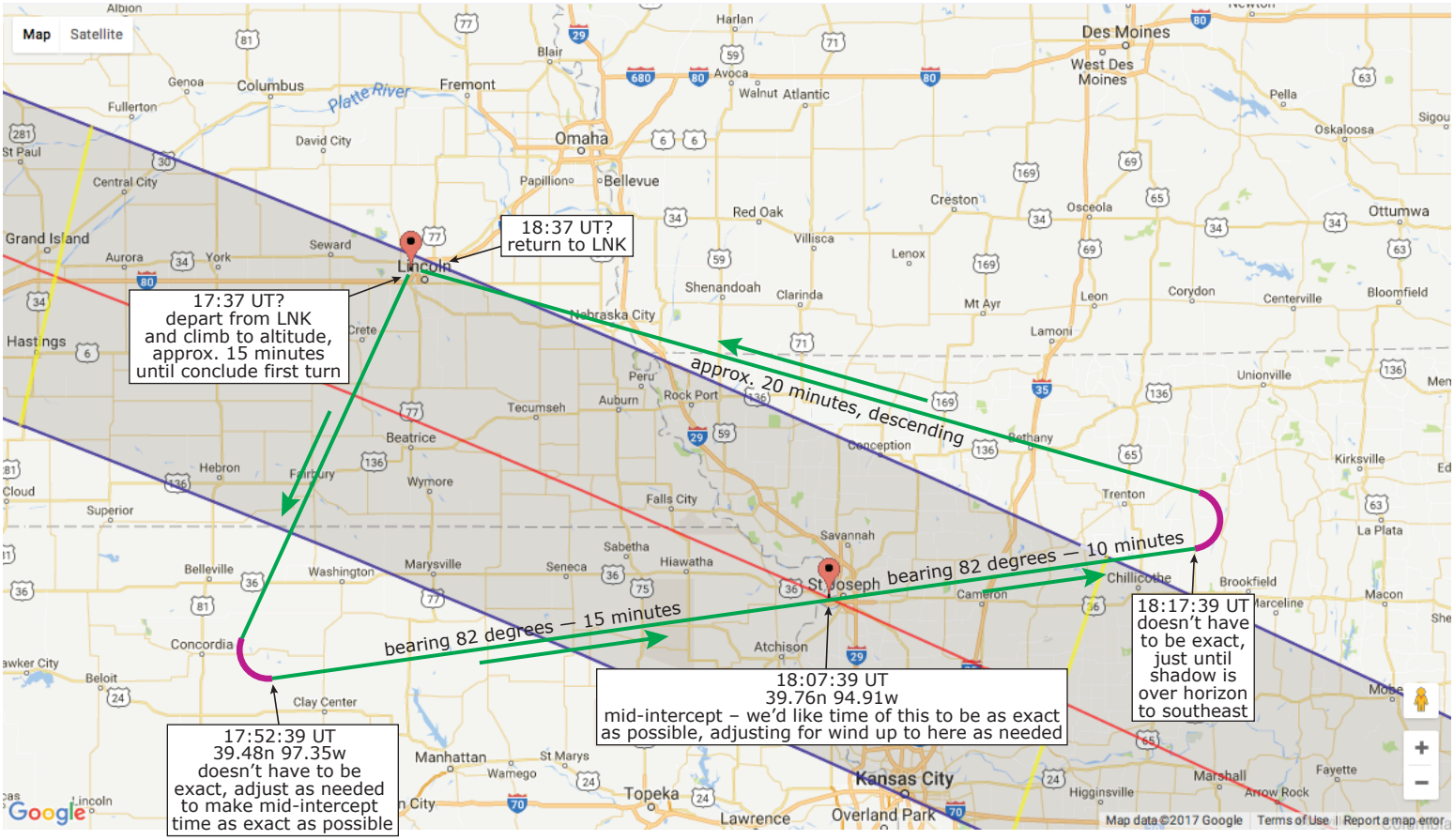
18:37 UT?
return to LNK
17:37 UT?
depart from LNK
and climb to altitude,
approx. 15 minutes
until conclude first turn
approx. 20 minutes, descending
bearing 82 degrees — 15 minutes
St Joseph bearing 82 degrees — 10 minutes
18:17:39 UT
doesn't have
to be exact,
just until
shadow is
over horizon
to southeast
18:07:39 UT
39.76n 94.91w
mid-intercept – we'd like time of this to be as exact
as possible, adjusting for wind up to here as needed
17:52:39 UT
39.48n 97.35w
doesn't have to be
exact, adjust as needed
to make mid-intercept
time as exact as possible
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