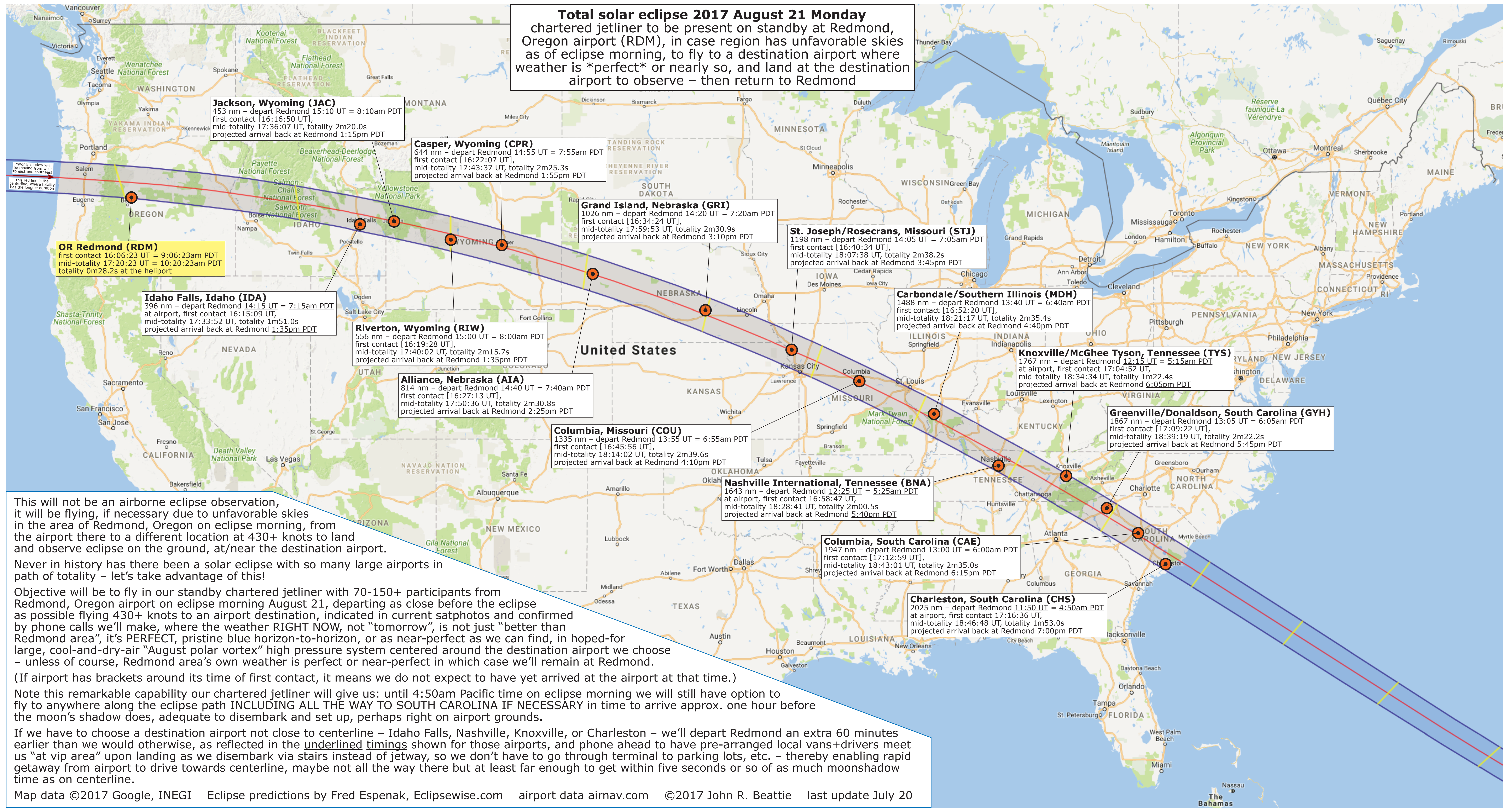


Total solar eclipse 2017 August 21 Monday
chartered jetliner to be present on standby at Redmond, Oregon airport (RDM), in case region has unfavorable skies as of eclipse morning, to fly to a destination airport where weather is *perfect* or nearly so, and land at the destination airport to observe – then return to Redmond



Jackson, Wyoming (JAC)
453 nm – depart Redmond 15:10 UT = 8:10am PDT
first contact [16:16:50 UT],
mid-totality 17:36:07 UT, totality 2m20.0s
projected arrival back at Redmond 1:15pm PDT

Casper, Wyoming (CPR)
644 nm – depart Redmond 14:55 UT = 7:55am PDT
first contact [16:22:07 UT],
mid-totality 17:43:37 UT, totality 2m25.3s
projected arrival back at Redmond 1:55pm PDT

Grand Island, Nebraska (GRI)
1026 nm – depart Redmond 14:20 UT = 7:20am PDT
first contact [16:34:24 UT],
mid-totality 17:59:53 UT, totality 2m30.9s
projected arrival back at Redmond 3:10pm PDT

St. Joseph/Rosecrans, Missouri (STJ)
1198 nm – depart Redmond 14:05 UT = 7:05am PDT
first contact [16:40:34 UT],
mid-totality 18:07:38 UT, totality 2m38.2s
projected arrival back at Redmond 3:45pm PDT

Carbondale/Southern Illinois (MDH)
1488 nm – depart Redmond 13:40 UT = 6:40am PDT
first contact [16:52:20 UT],
mid-totality 18:21:17 UT, totality 2m35.4s
projected arrival back at Redmond 4:40pm PDT

Knoxville/McGhee Tyson, Tennessee (TYS)
1767 nm – depart Redmond 12:15 UT = 5:15am PDT
at airport, first contact 17:04:52 UT,
mid-totality 18:34:34 UT, totality 1m22.4s
projected arrival back at Redmond 6:05pm PDT

Greenville/Donaldson, South Carolina (GYH)
1867 nm – depart Redmond 13:05 UT = 6:05am PDT
first contact [17:09:22 UT],
mid-totality 18:39:19 UT, totality 2m22.2s
projected arrival back at Redmond 5:45pm PDT

Nashville International, Tennessee (BNA)
1643 nm – depart Redmond 12:25 UT = 5:25am PDT
at airport, first contact 16:58:47 UT,
mid-totality 18:28:41 UT, totality 2m00.5s
projected arrival back at Redmond 5:40pm PDT

Columbia, South Carolina (CAE)
1947 nm – depart Redmond 13:00 UT = 6:00am PDT
first contact [17:12:59 UT],
mid-totality 18:43:01 UT, totality 2m35.0s
projected arrival back at Redmond 6:15pm PDT

Charleston, South Carolina (CHS)
2025 nm – depart Redmond 11:50 UT = 4:50am PDT
at airport, first contact 17:16:36 UT,
mid-totality 18:46:48 UT, totality 1m53.0s
projected arrival back at Redmond 7:00pm PDT

Columbia, Missouri (COU)
1335 nm – depart Redmond 13:55 UT = 6:55am PDT
first contact [16:45:56 UT],
mid-totality 18:14:02 UT, totality 2m39.6s
projected arrival back at Redmond 4:10pm PDT

Alliance, Nebraska (AIA)
814 nm – depart Redmond 14:40 UT = 7:40am PDT
first contact [16:27:13 UT],
mid-totality 17:50:36 UT, totality 2m30.8s
projected arrival back at Redmond 2:25pm PDT

Riverton, Wyoming (RIW)
556 nm – depart Redmond 15:00 UT = 8:00am PDT
first contact [16:19:28 UT],
mid-totality 17:40:02 UT, totality 2m15.7s
projected arrival back at Redmond 1:35pm PDT

Idaho Falls, Idaho (IDA)
396 nm – depart Redmond 14:15 UT = 7:15am PDT
at airport, first contact 16:15:09 UT,
mid-totality 17:33:52 UT, totality 1m51.0s
projected arrival back at Redmond 1:35pm PDT

OR Redmond (RDM)
first contact 16:06:23 UT = 9:06:23am PDT
mid-totality 17:20:23 UT = 10:20:23am PDT
totality 0m28.2s at the heliport

This will not be an airborne eclipse observation, it will be flying, if necessary due to unfavorable skies in the area of Redmond, Oregon on eclipse morning, from the airport there to a different location at 430+ knots to land and observe eclipse on the ground, at/near the destination airport.

Never in history has there been a solar eclipse with so many large airports in path of totality – let’s take advantage of this!

Objective will be to fly in our standby chartered jetliner with 70-150+ participants from Redmond, Oregon airport on eclipse morning August 21, departing as close before the eclipse as possible flying 430+ knots to an airport destination, indicated in current satphotos and confirmed by phone calls we’ll make, where the weather RIGHT NOW, not “tomorrow”, is not just “better than Redmond area”, it’s PERFECT, pristine blue horizon-to-horizon, or as near-perfect as we can find, in hoped-for large, cool-and-dry-air “August polar vortex” high pressure system centered around the destination airport we choose – unless of course, Redmond area’s own weather is perfect or near-perfect in which case we’ll remain at Redmond.

(If airport has brackets around its time of first contact, it means we do not expect to have yet arrived at the airport at that time.)

Note this remarkable capability our chartered jetliner will give us: until 4:50am Pacific time on eclipse morning we will still have option to fly to anywhere along the eclipse path INCLUDING ALL THE WAY TO SOUTH CAROLINA IF NECESSARY in time to arrive approx. one hour before the moon’s shadow does, adequate to disembark and set up, perhaps right on airport grounds.

If we have to choose a destination airport not close to centerline – Idaho Falls, Nashville, Knoxville, or Charleston – we’ll depart Redmond an extra 60 minutes earlier than we would otherwise, as reflected in the underlined timings shown for those airports, and phone ahead to have pre-arranged local vans+drivers meet us “at vip area” upon landing as we disembark via stairs instead of jetway, so we don’t have to go through terminal to parking lots, etc. – thereby enabling rapid getaway from airport to drive towards centerline, maybe not all the way there but at least far enough to get within five seconds or so of as much moonshadow time as on centerline.