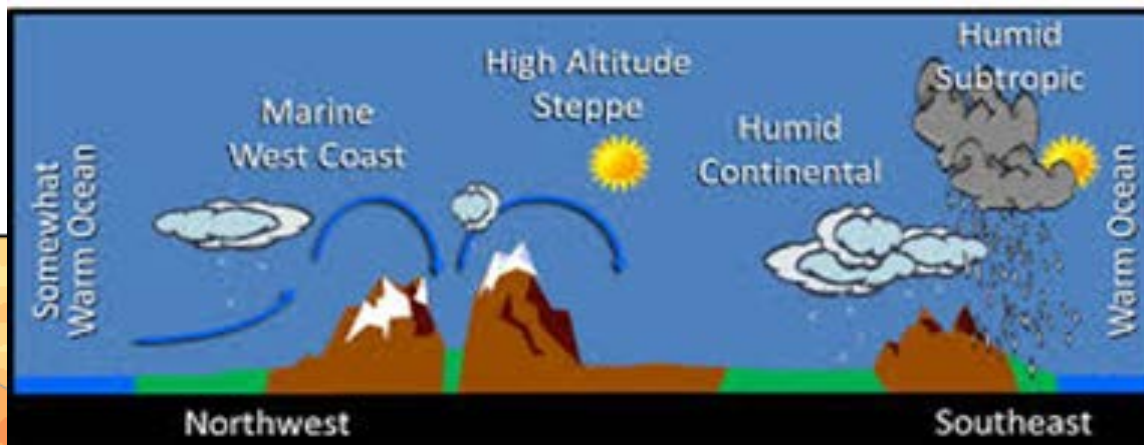


2017 Solar Eclipse Road Trip

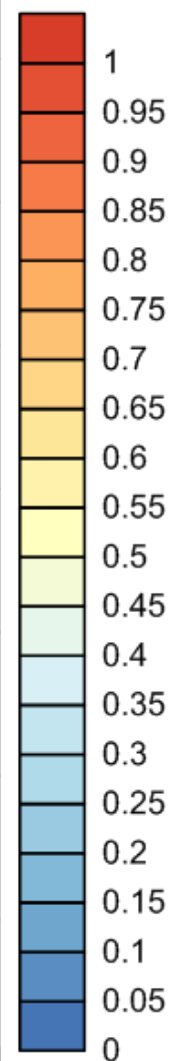


Local Times for Beginning of Partial Eclipse



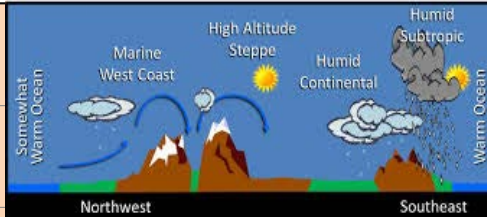
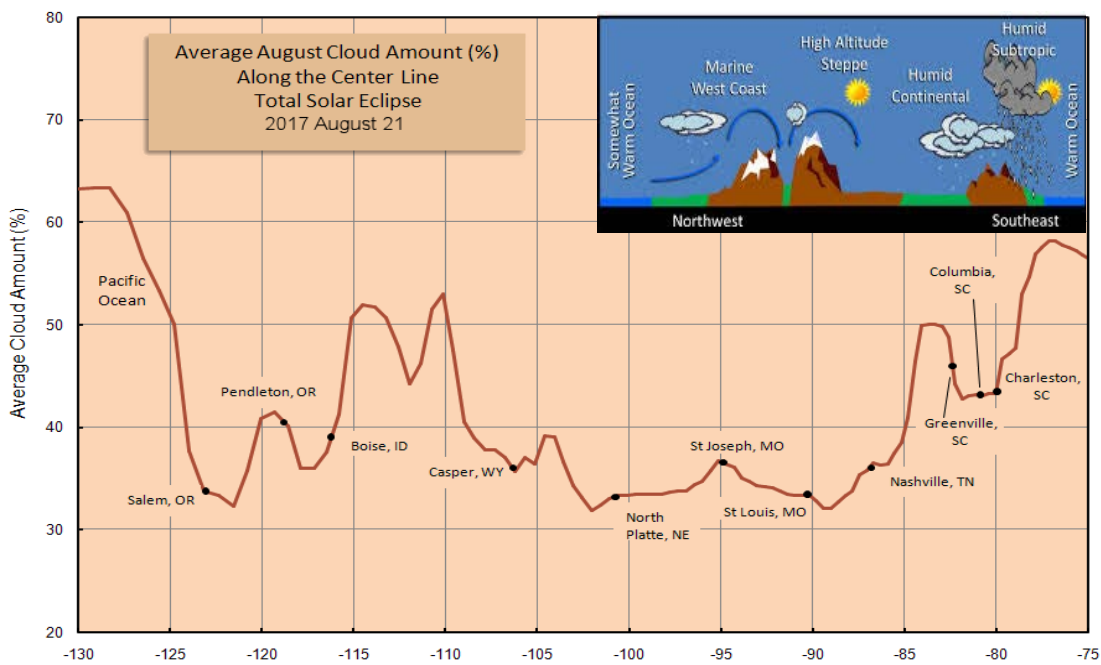


Mean Cloud
Amount
in tenths



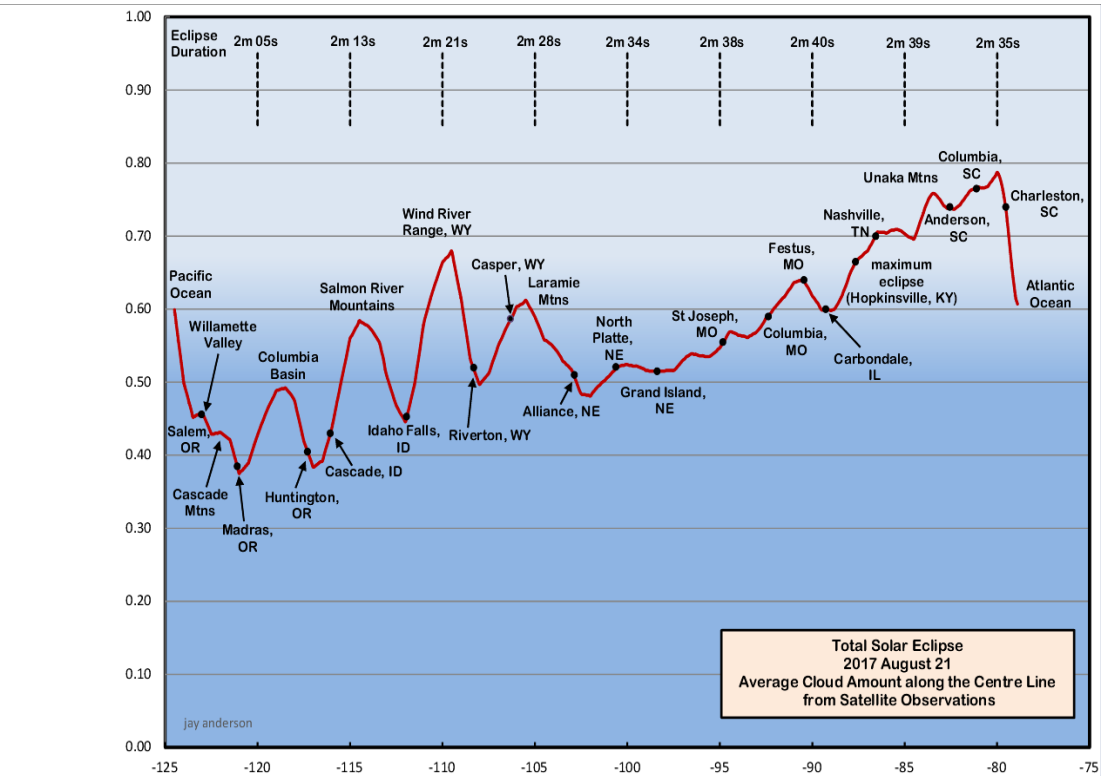
Total Solar Eclipse
2017 August 21
Average August Afternoon Cloud

jay anderson

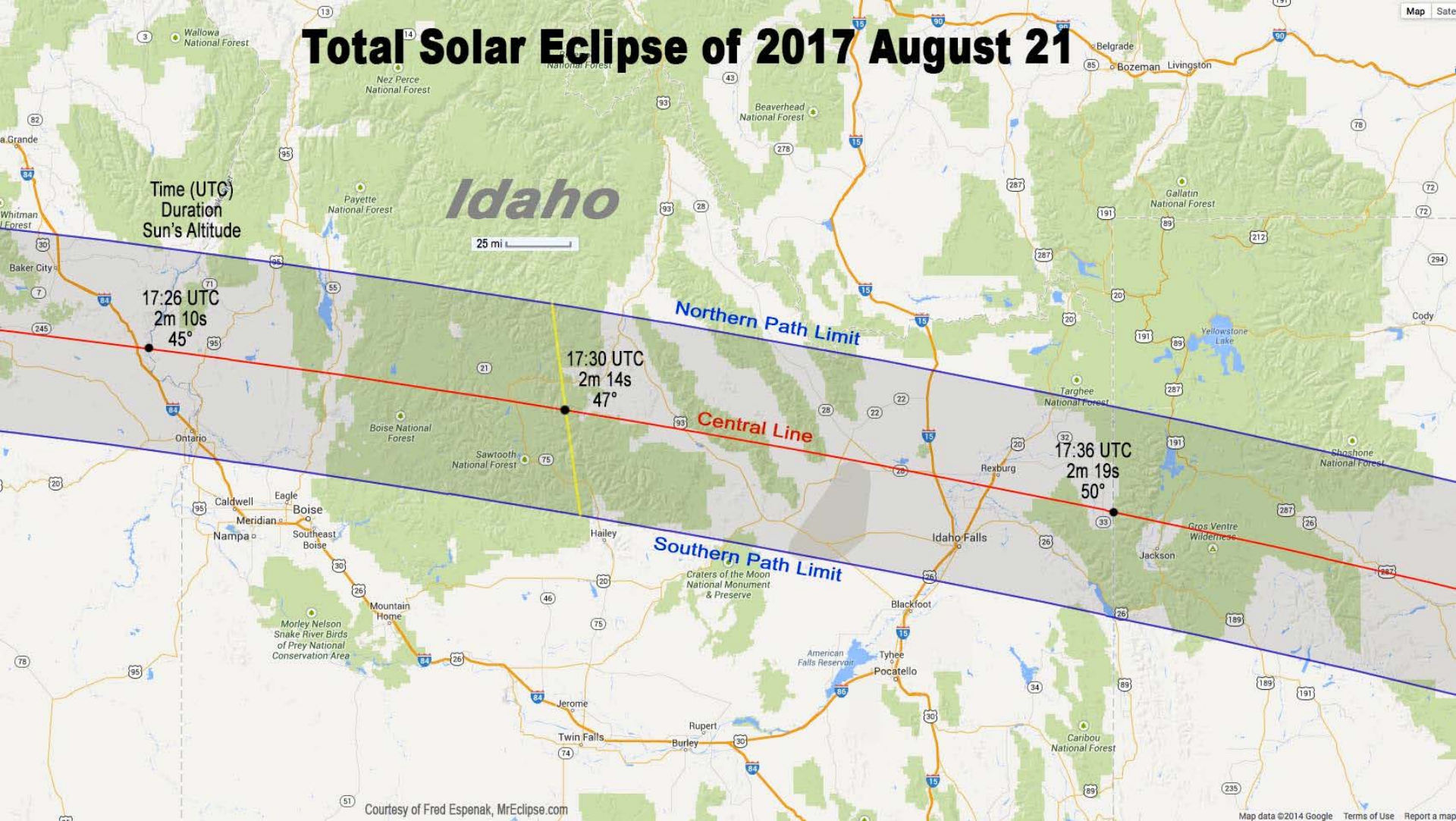


August Climate Data			2017 Total Solar Eclipse									
			frequency of sky condition (%)							Average	No. Obs	
Observing site	Area communities	POPS	Clear	Few	Scattered	Broken	Overcast	-X	Obscured	Cloud	No. Obs	
Oregon												
Newport Municipal	Newport		31.1	6.7	7.8	9.9	43.5	0.7	0.4	56.8	283	
Sexton Summit	Grants Pass		75.7	5.7	2.9	5.7	6.5	3.5	0	16.6	490	
Corvallis Muni	Corvallis		52.3	12	2.6	12.4	20.7	0	0	33.4	266	
McMinnville Muni	McMinnville		63.4	3.6	3.9	6.1	23.1	0	0	30.1	363	
Salem McNary	Salem		52.4	6.4	10	11.2	20	0	0	34.1	848	
Rogue Valley Airport	Medford		81	5.7	3.8	4.2	5.3	0	0	11.1	972	
Klamath Falls Airport	Klamath Falls		37.5	32.3	13.3	15.2	1.7	0	0	24.4	467	
Roberts Field	Redmond		85.7	4.9	2.5	3.5	3.5	0	0	8.1	405	
Grant Regional	John Day / Canyon City		78.9	3.1	8.8	3.1	6.2	0	0	13.0	194	
Baker Muni	Baker City		65.2	15.1	5.5	9.4	4.9	0	0	17.0	577	
Ontario Muni	Ontario		92.7	2.8	1.7	2.3	0.6	0	0	3.6	355	
Idaho												
Challis Arpt	Challis		30.3	8.4	3.8	3.3	4.2	0	0	9.8	239	
Idaho Falls Regional	Idaho Falls, Amon, Shelley		64.3	10	8.5	11.3	5.4	0	0.6	20.1	540	
Rexburg Madison County Arpt	Rexburg/Sugar City, Teton		30.1	3.3	3	4	1.5	0	0	6.5	396	
Driggs Reed Memorial Arpt	Driggs/Weed		25.6	13.9	1.7	7	1.7	0	0	10.1	115	
Pocatello Municipal	Pocatello		22.8	13.6	7.1	4.5	2.1	0	0	10.8	996	
Friedman Memorial	Hailey		39.4	33.5	5.6	15.6	5	0.3	0.6	25.8	340	
Boise Municipal	Boise		31.4	3.8	2	1.7	1.2	0	0	4.0	1011	
Lemhi County	Lemhi		66.8	24.3	3.8	3	2.1	0	0	9.9	235	
Wyoming												
Jackson Hole Airport	Jackson Hole/Teton Village		49.7	26.6	2.7	15.8	4.9	0	0.3	22.9	368	
Lander Hunt Field Airport	Lander/Boulder Flats	75	30.3	7.2	3.4	4.0	4.7	0	0	10.4	769	
Riverton Regional	Riverton		55.2	23.1	0.6	12.7	8.3	0	0	22.1	324	
Casper/Natrona Co.	Casper		30.2	8.5	3.2	4.7	3.5	0	0	9.9	983	
Converse County Arpt	Douglas		33.6	7.4	2.1	2.8	4.1	0	0	8.4	441	
Torrington Muni	Torrington/Morrill/Ungie		33.9	4.1	1.9	3.5	6.6	0	0	10.8	317	
Nebraska												
Scottsbluff	Scottsbluff/Minutaire		27.7	7.4	3.1	6.6	6	0	0	13.7	946	
Alliance Muni	Alliance		52.9	21.3	1.8	13.6	10.4	0	0	25.1	558	
Hooker County Airport	Mullen		21.9	32.1	0	20.1	25.6	0.2	0	46.5	433	
North Platte Regional Arpt	North Platte	75	38.6	8.8	5.9	5.3	11.7	0	0	19.8	1005	
Broken Bow Muni	Broken Bow		40.8	21.8	2.2	18.4	16.4	0.4	0	35.5	505	
Jim Kelly Field	Lexington		64.9	3.8	9.1	8.8	13.5	0	0	25.0	319	
Kearney Regional Airport	Kearney/Gibbon		44.7	22.7	3	12.6	17	0	0	31.7	405	
Hastings	Hastings		38.3	24.5	4.1	20.6	12.5	0	0	34.2	535	
Central Nebraska Regional Arpt	Grand Island		60.5	9.2	8.7	11.5	10.1	0	0	24.3	980	
Aurora Municipal Airport	Aurora		62.2	3	15.9	8.1	10.4	0.4	0	24.6	270	
Lincoln Municipal	Lincoln	70	56.4	15.3	9	10.1	9.1	0	0	23.3	920	
Beatrice Municipal	Beatrice		34.7	17.5	7.7	24.5	15.6	0	0	40.8	326	
Columbus Muni	Columbus		36	25.1	3	22.3	13.2	0	0.3	36.2	394	
Brenner Field Airport	Falls City		54.3	11.8	9	12.1	12.8	0	0	28.0	289	
Sidney Municipal/ Lloyd W. Carr	Sidney		71.2	9.4	2.6	8.2	8.6	0	0	17.6	417	
Chadron Municipal	Chadron		55.8	15.8	6.6	13.4	8.5	0	0	24.3	425	
Missouri												
Rosecrans Arpt	St Joseph		57.2	13.8	4.6	13.1	11.3	0	0	25.7	435	
Kansas City International	Kansas City/Platte	67	16.2	17.5	23.4	24.3	18.5	0	0	50.5	987	
Sedalia Memorial	Sedalia		58.8	13.5	8.8	11.5	7.4	0	0	22.3	364	
Columbia Regional	Columbia/Ashland	64	41.9	26.2	11.8	10.1	9.9	0	0	27.0	999	
Jefferson City Mem	Jefferson City		35.2	24.8	5.5	20.3	14.2	0	0	36.3	528	
Spirit of St Louis Airport	St Louis	65	26.5	17.8	19.3	23.4	13	0	0	42.5	539	
St Louis International Apt	St Louis		5.9	19.5	29.7	28	16.9	0	0	54.8	976	
Farmington Regional Arpt	Farmington/Park Hills		45.9	20.4	10.7	15.9	7	0	0	27.3	270	
Cape Girardeau Muni	Cape Girardeau/Jackson		42.8	22.5	6.7	18.1	9.5	0	0	30.5	568	
Lee C. Fine Airport	Brumley		43.1	31.4	6.3	12.9	6.3	0	0	24.6	255	
Illinois												
Cahokia/St Louis Downtown Apt	Cahokia		26.9	20.9	8.3	29.6	14.3	0	0	44.3	504	
Southern Illinois	De Soto/Murphysboro		27.9	29.9	5.7	24.9	11.4	0	0.2	38.2	542	
Williamson County Regional	Marion/Herrin/Carterville		12.4	27.9	7.1	36.5	16.2	0	0	52.2	340	
Scott AFB/MidAmerica	Scott AFB/Shilo		17.8	29.8	12.3	27.1	13	0	0	44.2	439	
Kentucky												
Paducah Barkley Field		71	47.1	20.2	12.3	12.9	7.4	0	0	26.6	915	
Fort Campbell AAF			8.8	28.6	14.9	38.3	9.1	0.3	0	50.3	308	
Bowling Green/Warren County	Bowling Green		34.7	19	13.4	26	6.8	0	0	35.9	573	
Owensboro-Davless County	Owensboro		10.3	43.4	1.1	28.3	16.9	0	0	46.3	272	
Tennessee												
Nashville International Arpt	Nashville	63	2.5	11	35.6	39.3	11.7	0	0	59.7	975	
Smyrna Arpt	Smyrna		2	25.4	13.1	46.3	13.1	0	0	59.0	397	
Chattanooga Metropolitan Arpt	Chattanooga		7.9	23.7	37.2	24.8	6.4	0	0	45.8	1000	
North Carolina												
Asheville Municipal	Asheville		34.6	19.7	12.2	20.6	12.8	0	0	37.3	574	
South Carolina												
Anderson County	Anderson		28.3	29.1	11	20.8	12.3	0	0.2	38.3	554	
Greenville	Greenville	61	27	22.8	16.9	22.9	10.5	0	0	39.3	593	
Columbia Metro	Columbia	66	10.5	11.9	30.1	36.1	11.4	0	0	54.6	588	
Charleston Muni	Charleston	64	7.9	18.8	30.5	31.5	11.4	0	0	52.3	597	
Beaufort MCAS	Beaufort		4.5	10.6	23.6	49.2	12.1	0	0	62.5	602	

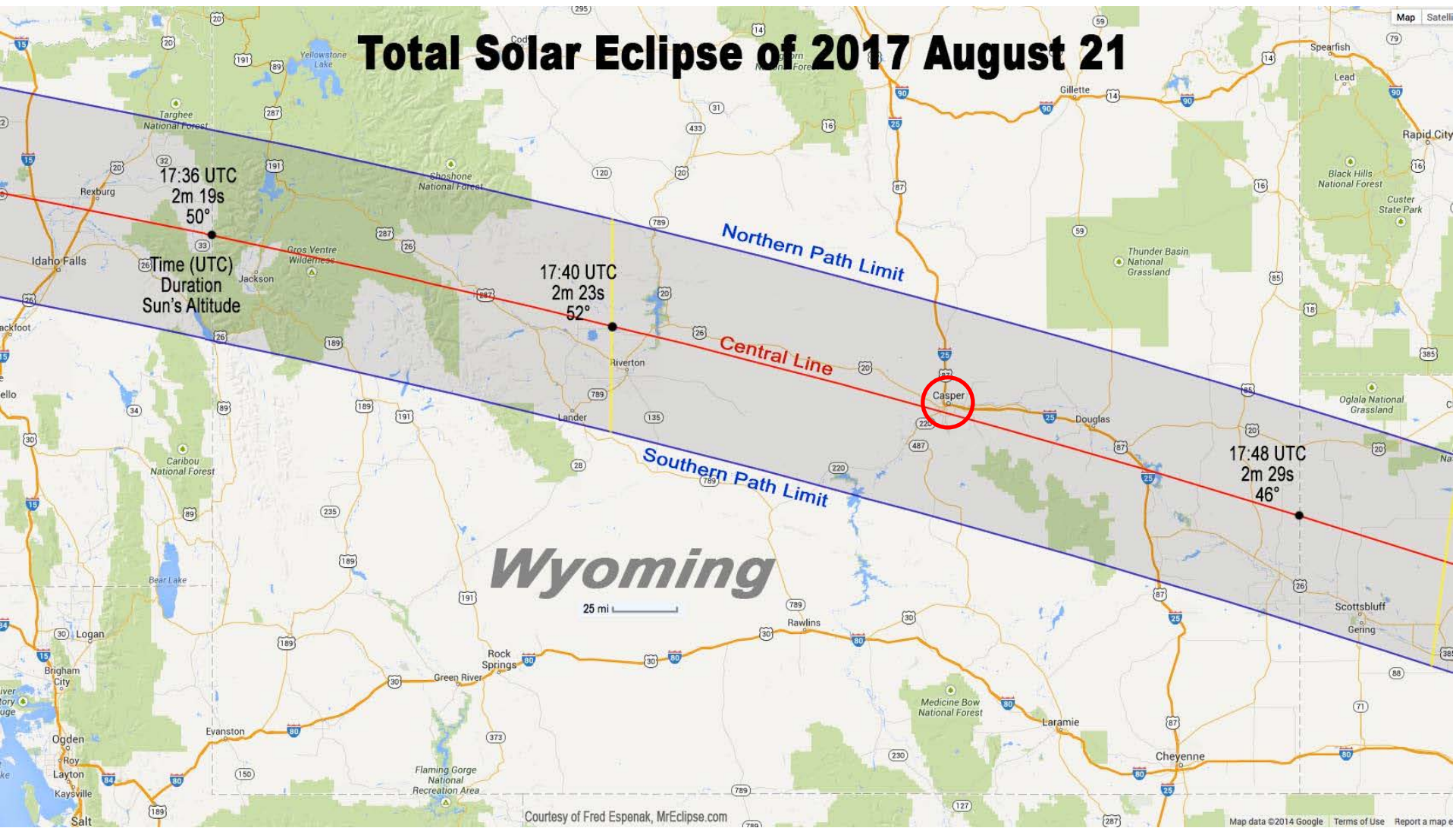
POPS = percent of possible sunshine; No. Obs = number of observations; -X = partly obscured sky; average cloud = arithmetical combination of observed sky condition



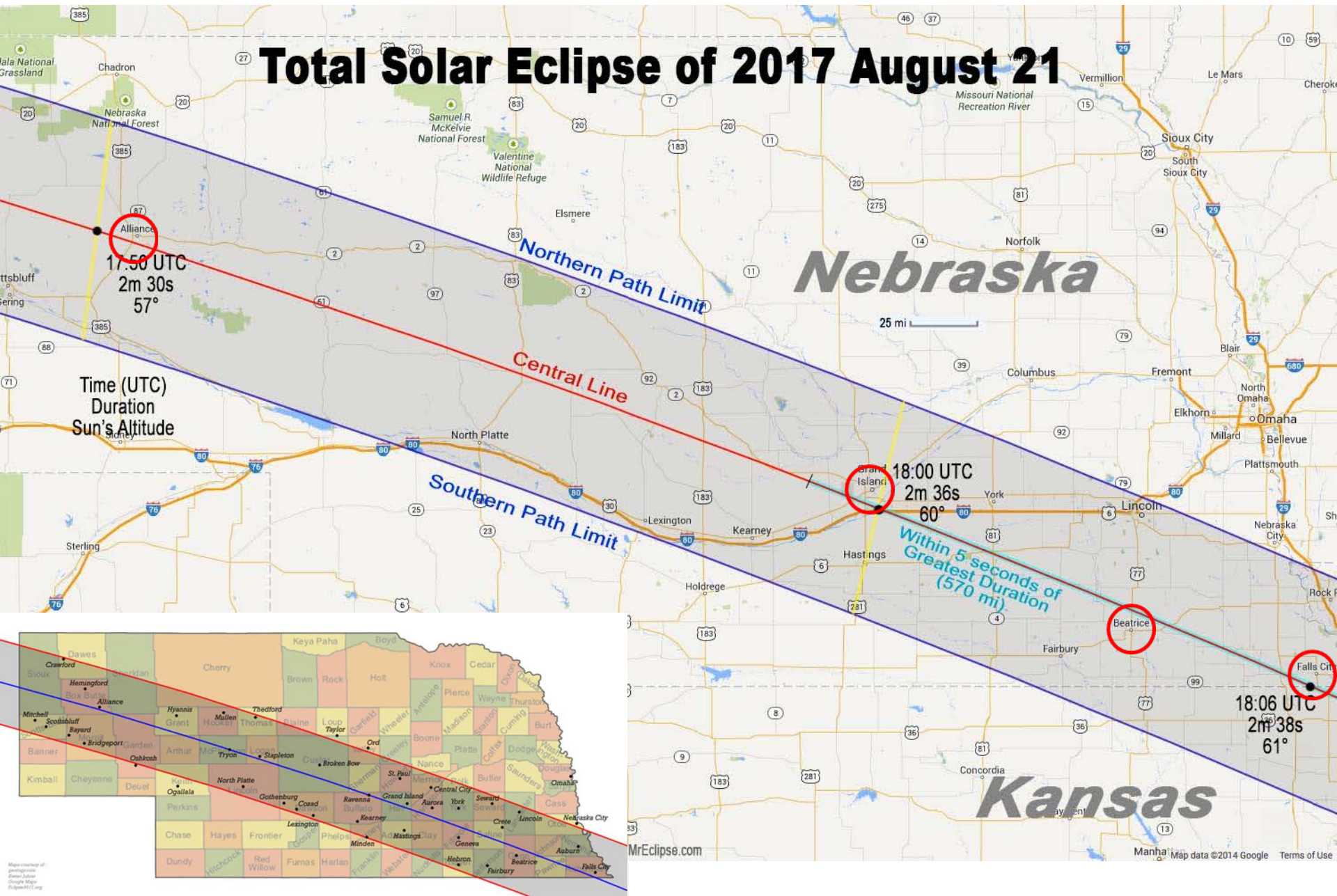
Total Solar Eclipse of 2017 August 21



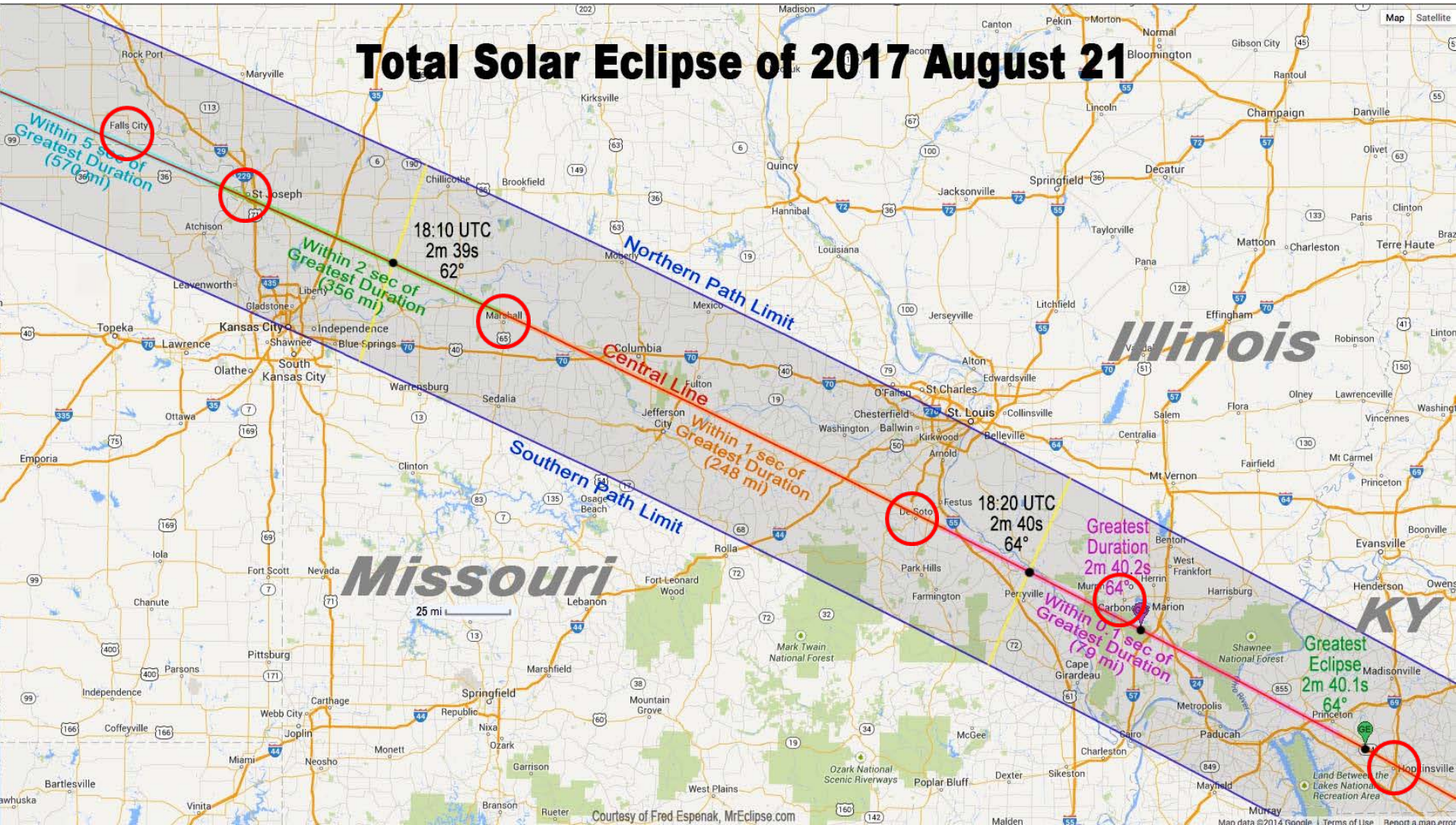
Total Solar Eclipse of 2017 August 21



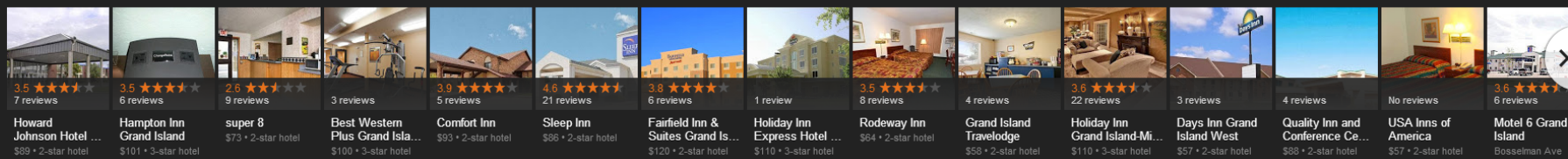
Total Solar Eclipse of 2017 August 21



Total Solar Eclipse of 2017 August 21







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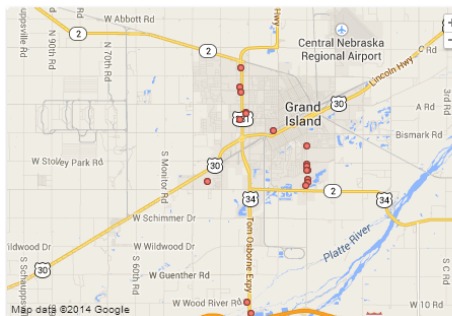
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- I-70 W 1,487 mi - about 22 hours 27 mins

1,418 mi - about 21 hours 9 mins

1. Head southwest on Black Point Rd toward E River Rd 144 ft
2. Take the 1st right onto E River Rd 3.9 mi
3. Continue onto E Front St 2.0 mi
4. Turn left onto Half Mile Rd 0.5 mi
5. Turn right onto Main St 0.1 mi
6. Slight right to merge onto Garden State Pkwy 36.6 mi
7. Take exit 145 toward Newark/Harrison 0.4 mi
8. Follow signs for Interstate 280 W/The Oranges and merge onto I-280 W 12.3 mi
9. Merge onto I-80 W 369 mi
10. Keep right to stay on I-80 W, follow signs for Cleveland 4.5 mi
11. Take the exit to stay on I-80 W 326 mi
12. Take exit 49 for IN-39 toward La Porte 0.6 mi
13. Turn right onto IN-39 N 1.2 mi