

Appendix : Shadow Band Observations during Aug. 21, 2017 Total Solar Eclipse

Observer's Log Sheet

Date: Aug. 21, 2017 --- Observer's Name: BRAD YOUNG
 Institute & Address and Email: 212 E 16th St TULSA OK USA 74119 ALLENB_YOUNG@YAHOO.COM
 Station Name and Location: Lat. 37°47'35.3"N, Long. 96°26'25.5"W, Alt. 279m
 Time Begin: 18:10:00 UT Time End: 18:40:00 UT (time format: hh:mm:ss.ss)

Observed Weather and Environmental Conditions at the beginning of Eclipse:

Temp.: 35°C, Rel. Humidity: 44%, Wind Speed: 3 m/sec. Wind Direction: 200°.

Observed Weather and Environmental Conditions at the end of the Eclipse :

Temp.: 34°C, Rel. Humidity: 46%, Wind Speed: 5 m/sec. Wind Direction: 180°.

2nd Contact Shadow Band Begin to appear:UT. Shadow bands Disappear:UT

3rd Contact Shadow Band Begin to appear: 18:24 UT Shadow band Disappear: 18:28 UT

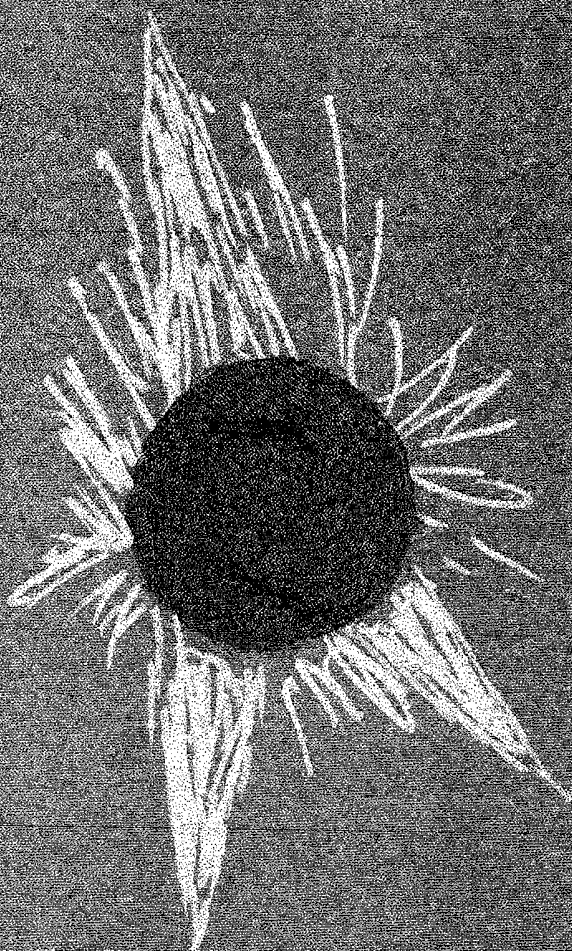
Observations about Shadow Band Characteristics: (approx. every 2 mins.)

Sr. No.	Time (UT)	Bands Width (cm)	Bands Spacing (cm)	Band Orientation Degrees NESW	Contrast (qualitative) Low/Med./High	Shadow Band Movement		
						Speed (m/sec)	Dir. Deg.	Remarks
1	18:24	3	6		Low	1	90°	Low contrast
2	18:26	1	10		V. Low	3	120°	Faint
3								
4								
5								
6								

Overall remarks about the Shadow Band Observations: (A few lines)

CUMULUS CLOUD JUST BEFORE 2nd CONTACT = NO SHADOW BANDS

Signature: [Signature] Date & Place: 8/21/17 FARMINGTON MO, USA



TOTALITY
8/21/2017