















**\*\* THE ECLIPSE IS *TOTAL* in UNION, MISSOURI**  
**2 minutes 37 seconds totality**

You are in the path of totality, and will experience a rare and wonderful event! It is very important for you to be able to determine when the eclipse is total at your location. You will be able to do this by referring to the times you have noted below, and also because there will be no bright portion of the Sun's disk visible during totality.

- 1) Based on the information provided by <http://tinyurl.com/find-times> for your specific location, write down the approximate times for each eclipse event listed below (be sure to [adjust the times](#) for your time zone!):

<b>Before C1</b>	* There is no eclipse *				You <b>MUST</b> use the Solar Viewer
<b>C1</b>	<b>Partial phase begins at:</b>	11:48 AM			You <b>MUST</b> use the Solar Viewer
<b>C2</b>	<b>Total phase begins at:</b>	1:15 PM			<b>After C2</b> , you may observe with the naked eye
<b>Mid-Eclipse</b>	<b>Occurs at:</b>	1:17 PM			<b>You may observe with the naked eye!</b>
<b>C3</b>	<b>Total phase ends at:</b>	1:18 PM			You <b>MUST</b> again use the Solar Viewer
<b>C4</b>	<b>Partial phase ends at:</b>	2:43 PM			You <b>MUST</b> use the Solar Viewer
<b>After C4</b>	* There is no eclipse *				You <b>MUST</b> use the Solar Viewer

- 2) Though you are located within the path of totality, you **MUST** still use the Solar Viewer to view the Sun at all times before C2 or after C3, when the eclipse is not total.