

August 21, 2017 Total Solar Eclipse Personal Planner

www.stlouiseclipse2017.org

www.slasonline.org

Do your homework:

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| <ol style="list-style-type: none"> 1. Visit your local library <ul style="list-style-type: none"> • Books on eclipses, sun • Magazines : Astronomy, Sky & Telescope | <ol style="list-style-type: none"> 2. Visit websites: <ul style="list-style-type: none"> • Stlouiseclipse2017.org • Shadowandsustance.org • Eclipse2017.org • GreatAmericanEclipse.org |
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Make a plan:

1. Talk to your family, friends and teachers. See what they plan to do.
2. Decide on best viewing location where Sun will not be obstructed; consider more than one location in case there are cloudy conditions
3. Know the exact eclipse times for each location
4. Collect equipment on the checklist in plenty of time

On the day of the eclipse:

1. Check the weather forecast
2. Bring the items on your checklist
3. Get to your viewing area early to avoid traffic
4. Set up radio or accurate clock, seconds count!
5. Find shade for you
6. Tie down any equipment from wind
7. Practice safe solar viewing
8. Record the events of the day

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|-------------------------|-------------|
| Herculaneum High School | |
| August 21, 2017 | |
| Partial Start | 11:49:46 am |
| Total Start | 1:17:06 pm |
| Total Maximum | 1:18:22 pm |
| Total End | 1:19:38 pm |
| Partial End | 2:44:37 pm |
| | |
| Total Duration | 2m 32s |

| Sample Equipment Checklist | |
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| <ol style="list-style-type: none"> 1. Viewing equipment <ul style="list-style-type: none"> – Eclipse glasses – Pinhole projector – Camera (with proper filter if you plan to photo the Sun) 2. Personal items <ul style="list-style-type: none"> – Sun glasses – Suntan lotion – Water | <ol style="list-style-type: none"> 3. Support items: <ul style="list-style-type: none"> – Timesheet with exact eclipse times – Watch – Radio – Map – Thermometer – Notebook to record events |