

STEPS	DETAILS	BACKGROUND
Organize before deploying the EM27	1. Check the weather and make sure the conditions are favorable for testing. Ideal conditions are minimal to no cloud cover and minimal chance of precipitation. The EM27s can handle some cloud cover and should be able to keep tracking the sun after a couple minutes of cloud disturbance. More disturbance may call for realignment (discussed later).	Here are some potentially useful sites for monitoring weather conditions: • National Weather Center (NWS) forecasts: https://www.weather.gov/ ○ Useful for hourly predictions. • GOES satellite view: https://weather.cod.edu/satrad/ ○ Useful for viewing current cloud cover. • Radar: https://weather.cod.edu/satrad/nexrad/

The EM27s **CANNOT be rained on**. If deploying on a day with a **slight chance of precipitation or higher**, stay nearby to pack up the instrument quickly before the rain comes. Determine slight chance of precipitation or higher by using the hourly NWS weather forecast (see link in right column).