



# STORM WATCH

VOLUME 1 • ISSUE 1 • DECEMBER 2025



## TEAM WELCOME

BY ISABEL ULLAND

We are thrilled to launch the inaugural Solar Storms newsletter! This will be your first inside look at the doings and makings of Hood River's First Solar Powered Race Car. You will see every step from the first CAD Designs to final rigorous tests. The countdown to the 2026 Solar Car Challenge starts now!

## THE SOLAR STORMS NEWSLETTER

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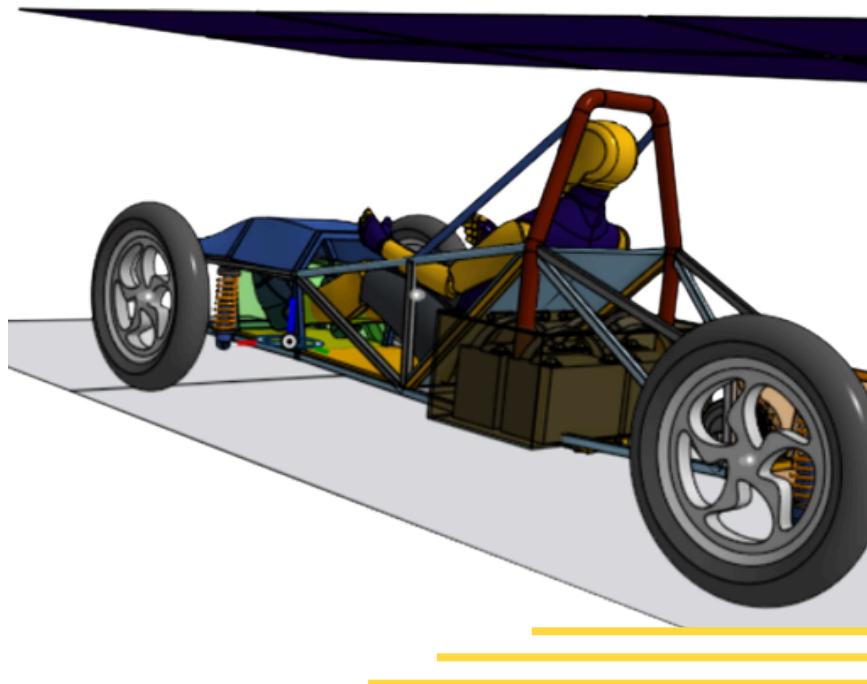
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## CAD DESIGN

BY HENRY MASON

Since the inception of the Hood Racer's design, myself and the CAD team have worked tirelessly to create a computer model to guide in the building of the car. So far, we have wheels, a frame, battery, a motor, and a few other elements. Since most of us are brand new or somewhat inexperienced with CAD, we have been learning Onshape in order to design the car. Overall, the design process has gone surprisingly well. We look forward to finishing the design and moving on to building the actual car.



CLICK HERE

Solar Storms

Design.Build.Test.Race

## THE SHINY NEW WEBSITE

BY ISABEL ULLAND

We're excited to share that our website is officially up and running! After many hours of troubleshooting, refining details, and pushing through more than a few challenges, everything has finally come together. You can now search "HRVHS Solar Car" and find our team front and center. This will make it much easier for our community, sponsors, and supporters to follow our progress and stay connected as we continue building our solar powered car for the upcoming Solar Car Challenge.

CHECK IT OUT!



# CARD BOARD CAR

BY FOREST DIEM

On the first meeting of solar car we built a cardboard mock up to size of what we will base the solar car off of. We are currently in the process of designing the CAD model in OnShape. The cardboard model was a great reference for size, and basic shape ideas. We visualized the interior structure of the roll bar and the solar system. When creating the model we made some interesting realizations including ways to be the most arrow dynamic. In this process we used many sheets of cardboard and rolls of duck tape. It took us one session around 2 hours in total and was a fun time to kick off our solar car career.



## SPREAD THE STORM!

Scan or search to sign up for the monthly StormWatch!

<https://forms.gle/bWADm8Se2jzUhLwN8>





## GTA MEETING

The GTA (Gorge Tech Alliance) is a gathering of some of the most brilliant minds in the gorge, and an amazing experience. With all the amazing presentations of the stunning tech that can be found in and around our home town of Hood River, I was shocked by sheer minuteness of the crowd, and I strongly encourage anyone who has an interest in technology and wants to see the advancements occurring in our town, to go and check it out. Our club had a great time and got the chance to advocate for ourselves and our cause at the meeting, this resulted in us gaining a handful of sponsors, as well as some mentors. In conclusion, I believe that the gorge tech alliance is a great congregation, and I hope it continues to take place as long as I live.

## SOLAR STORMS SPONSORS

BY COHEN WAGNER

### Sunrise

\$1,000

### Eclipse

\$3,000

### Solar Flare

\$5,000

### TITLE

\$10,000+



OVERWATCH  
IMAGING



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