

Meeting Minutes 4/26/19

- **ATOMM:** In Parker Library (across from N305) from 2-4pm. We're yeeting our last haws as the end of the semester draws near, prepare for finals lads.
- **TIMESTEP:** Please fill out the survey that Gurtina sent out!
- **Don's Question of the Week:**

• January	Wolf
• February	Snow
• March	Worm
• April	Pink
• May	Blue
• June	Strawberry
• July	Buck
— Also, Black Full Moon	
• August	Sturgeon
• September	Harvest

- Full Moons in 2019:
- Want a paid teaching position next fall? Need “supplemental instructors” for ASTR 170B, Let Don know if you're interested!
- Agree or disagree? “...our cars each typically emit 5 tons of carbon dioxide a year” What does your intuition say? What information would you want in order prove or disprove? Would want to know miles/gallon, how far a car travels. How heavy is a typical car? (~2 tons) How much gasoline does a typical car require per year? How can we convert gasoline into CO₂?

If a car drives ~10,000 miles/year with a mileage of 20 mpg, then it consumes 500 gallons/year or ~3,000 lbs of gasoline.

Could this process produce more than 3x weight of gas in CO₂?

Gasoline is ~90% carbon.

One carbon atom combines with 2 oxygen atoms -> so 2x16 mass units of oxygen for every 12 units of carbon
 $32/12 = 2.67x$

6 lbs of gas -> 5.4 lbs carbon -> 14.4 lbs oxygen = ~20 lbs CO₂

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- It turns out they do emit ~5 tons of CO₂

- Predict some astronomical events to see this summer!
 - Perseid meteor shower (typically peaks around August 12th)
 - If you want to see some iridium flares, check out heavens above for a schedule
 - Planets
 - Milky Way
 - Moon - (maybe Jupiter's moons!)
- Happy Birthday Hubble Space Telescope! (it's 29 years old)
- **Star Parties:** We have one on:
 - April 30th at Wyndam Grand Resort and Spa from 6-8pm
 - Need ~ 1 more person! Will be doing solar observing, please volunteer if you can!



- **T-Shirt Update:** They have arrived.
- **Spanish-Speaking Translators Needed!**
 - Steward will be holding a public talk on April 29th from 7:30pm to 9:30pm
 - People fluent in Spanish are needed to help translate information from telescope operators
 - For more information, email:
 - rehviding@email.arizona.edu
- **Dead Day Breakfast:** Will be on May 2nd at 10am. Astroclub will provide bagels and coffee as usual. If you're able to bring a breakfast food to share, please do! The sign up sheet is out!
- **Job Opportunity:** Developing radar system, let Claire know if you're interested!
- **Astronomers:** We protect, we attack, but most importantly, we snack. The Astro Club snack store is restocked every week. And it's open to everyone, including faculty. Honor system payment.

- **Astronomy Majors Lounge:** If you're an astronomy major, you can use this lounge for all your lounging and soup needs!
- **Pay your dues!** \$10 each semester, funds for trips, snacks, cool activities, shirts, etc.

It's been fun astro club! Have a great summer! <3