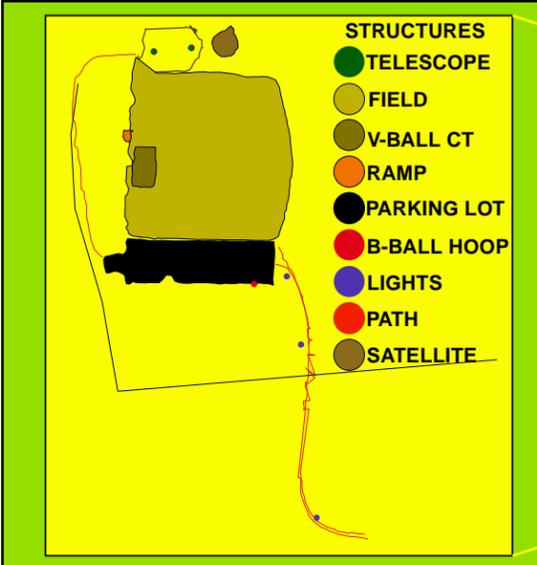
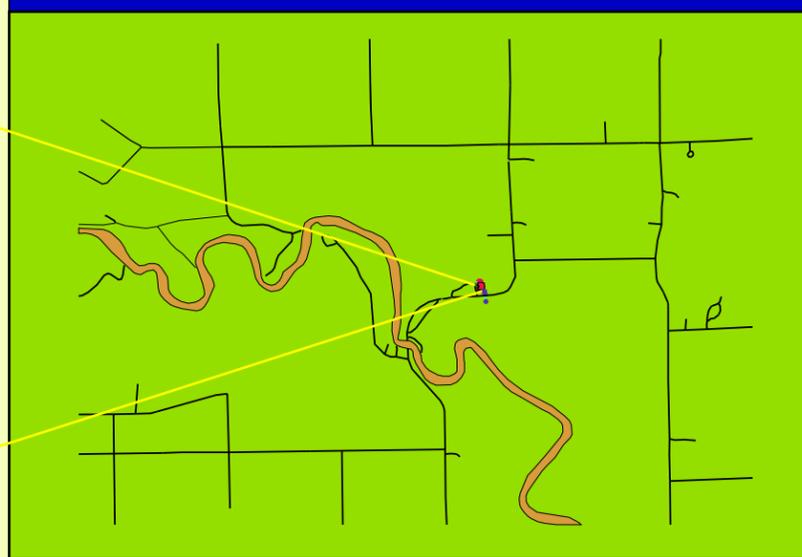


# TELESCOPES OF HOBBS OBSERVATORY EAU CLAIRE COUNTY, WI

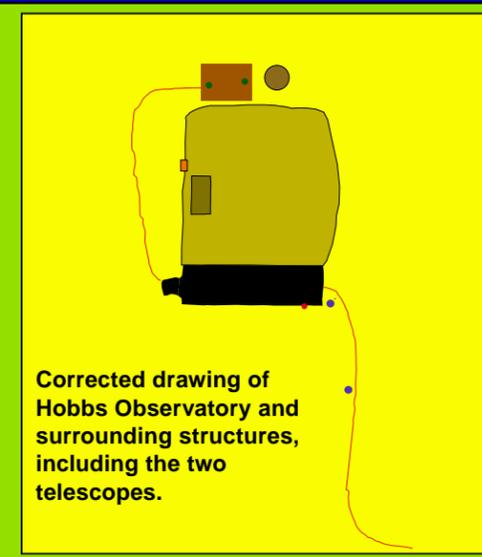
## RAW FIELD WORK



## REGION



## CORRECTED



## Aerial Photo

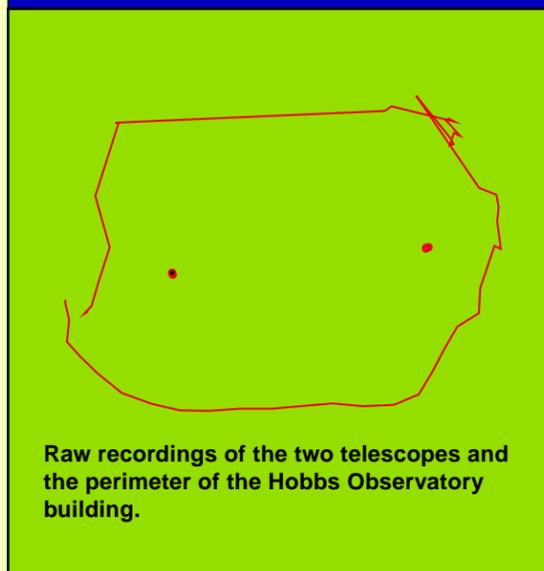


"What are the latitude, longitude, and elevation of Hobbs Observatory?" That is the question Dr. George Stecher was wondering when I approached him. Dr. Stecher had received values from several people, however, the numbers differed, and in some cases, differed by quite a bit. So, I visited the observatory with Dr. Stecher and took GPS recordings of the two telescopes using a Trimble GPS receiver.

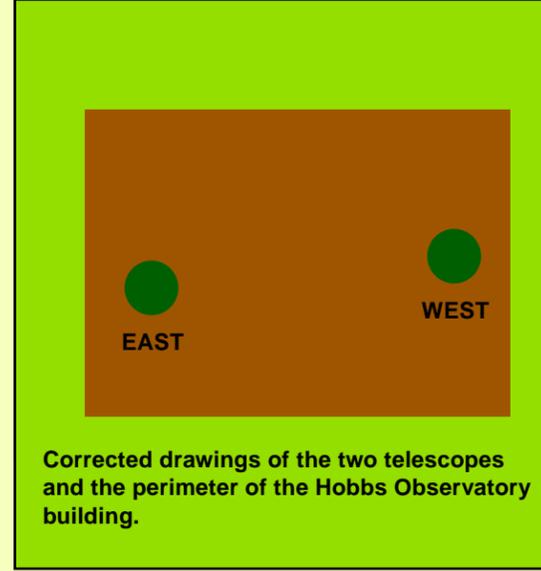
I attached the antenna to a long metal pole and extended it about 6" above the top of the dome while I stood as close to each telescope as possible. I took a recording of 10 points by the eastern telescope and 9 by the western telescope. With the numerous recordings, I was able to find an agreeable average for the latitude, longitude, and elevation of each of the telescopes. I also recorded the elevation of the sidewalk directly in front of Hobbs Observatory as a reference point for comparison.

In conjunction with taking recordings of the telescopes, I recorded the locations of the field in front of the observatory, a volleyball court, a ramp, parking-lot, basketball hoop, driveway leading from the parking-lot to the entrance of the observatory, and the path leading from the parking-lot and to Beaver Creek Reserve through a tunnel under Highway K along with three light fixtures.

## HOBBS / TELESCOPES



## HOBBS / TELESCOPES



Center of the west (24-inch) dome:  
Latitude: 44° 48' 56.84" N  
44.815789° N  
Longitude: 91° 16' 18.76" W  
91.27188° W  
Elevation: 936 285 meters

Center of the east (C-14) dome:  
Latitude: 44° 48' 56.88" N  
44.815800° N  
Longitude: 91° 16' 17.98" W  
91.27166° W  
Elevation: 936 ft 285 m  
Elevation of pavement: 919 ft 280 m

## VALERIE BOYARSKI



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Minor: Environmental Science  
Geography 199