Mendocino College-Ukiah Latitude Observatory CAMS Project

IMC 2018 Pezinok-Modra, Slovakia

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Ukiah International Latitude Observatory

1899-1982

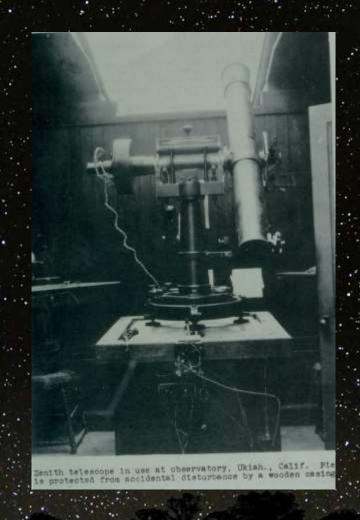
One of six International Latitude Observatories used to measure the variation in latitude due to Earth's wobble on its axis



Ukiah International Latitude Observatory

1899-1982

One of six International Latitude Observatories used to measure the variation in latitude due to Earth's wobble on its axis



Ukiah International Latitude Observatory

2014-Present

Observatory Park, City of Ukiah Parks and Recreation





Mendocino County



Original plan



➤ North County Campus Willits, CA
39.4 N
123.3 W



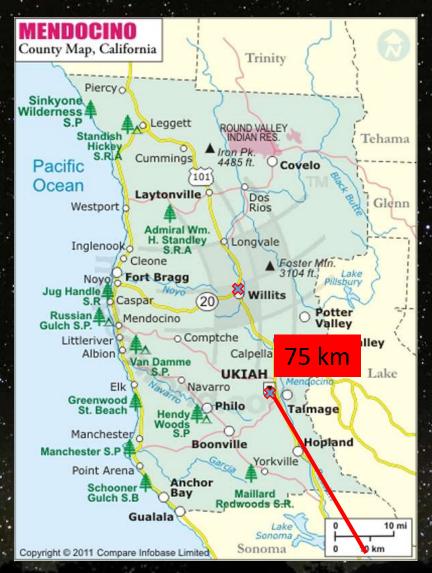
Original plan



➤ North County Campus Willits, CA
39.4 N
123.3 W



New configuration



My house

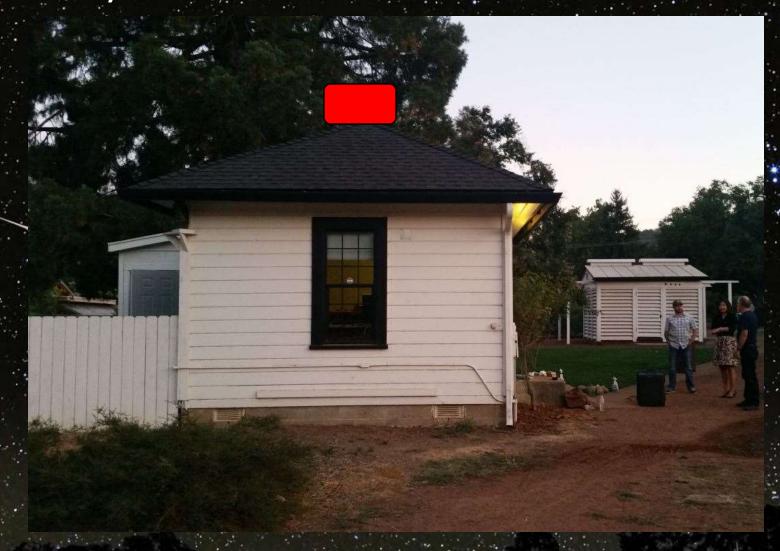


Observatory

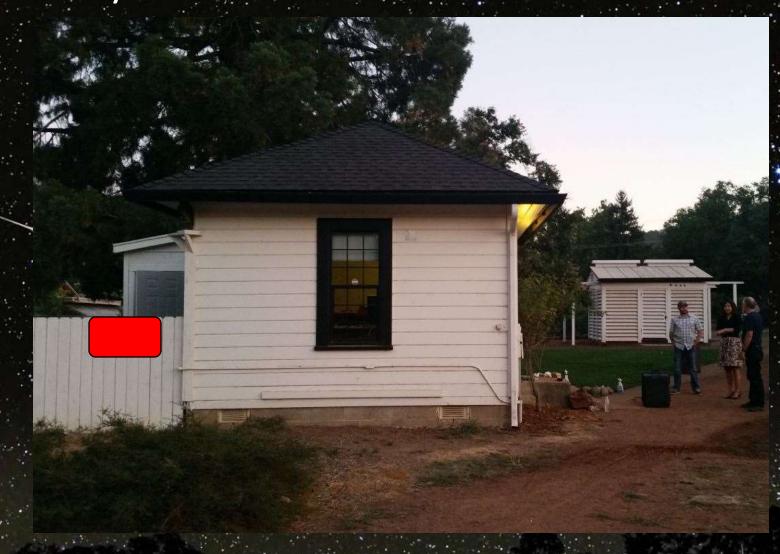




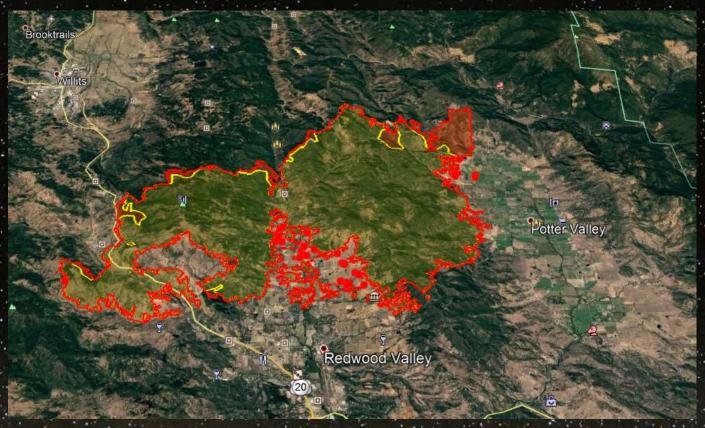
Observatory



Observatory





















New Gear (and workspace)

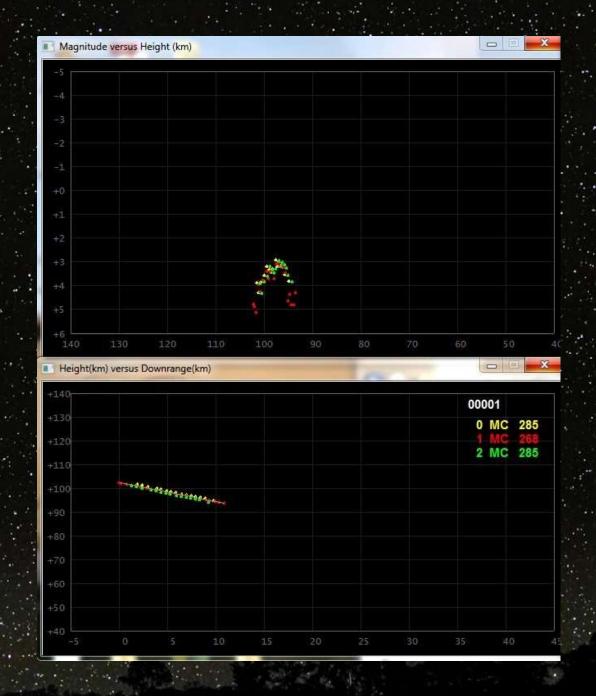


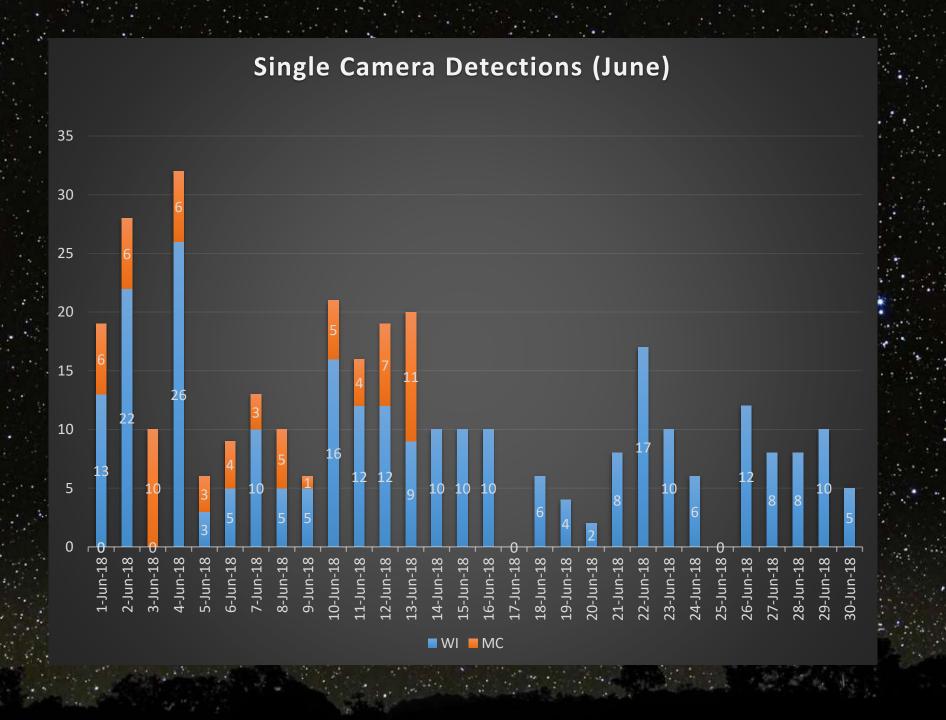


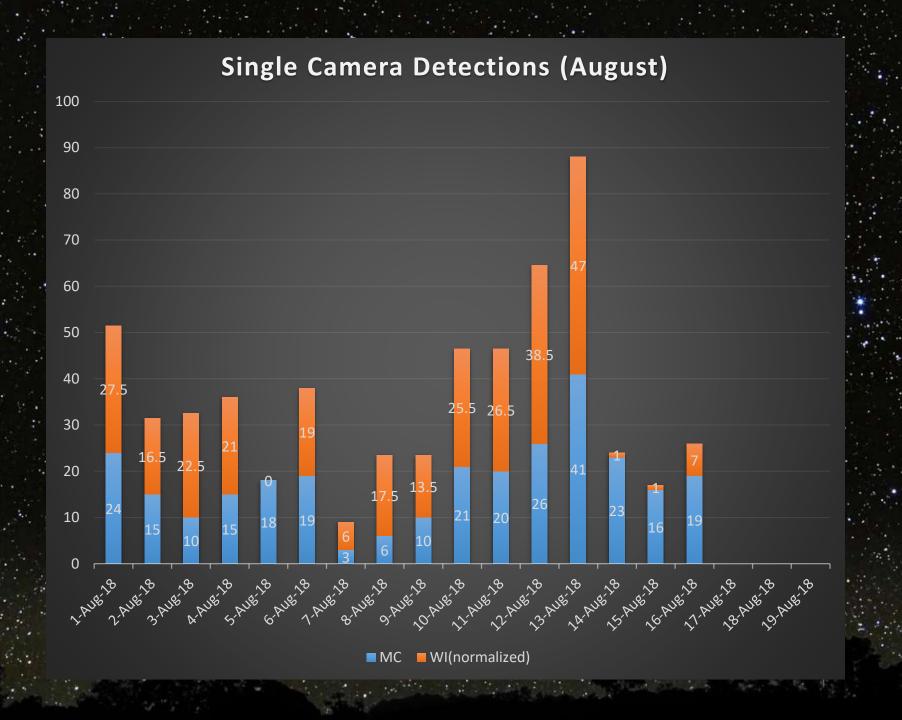


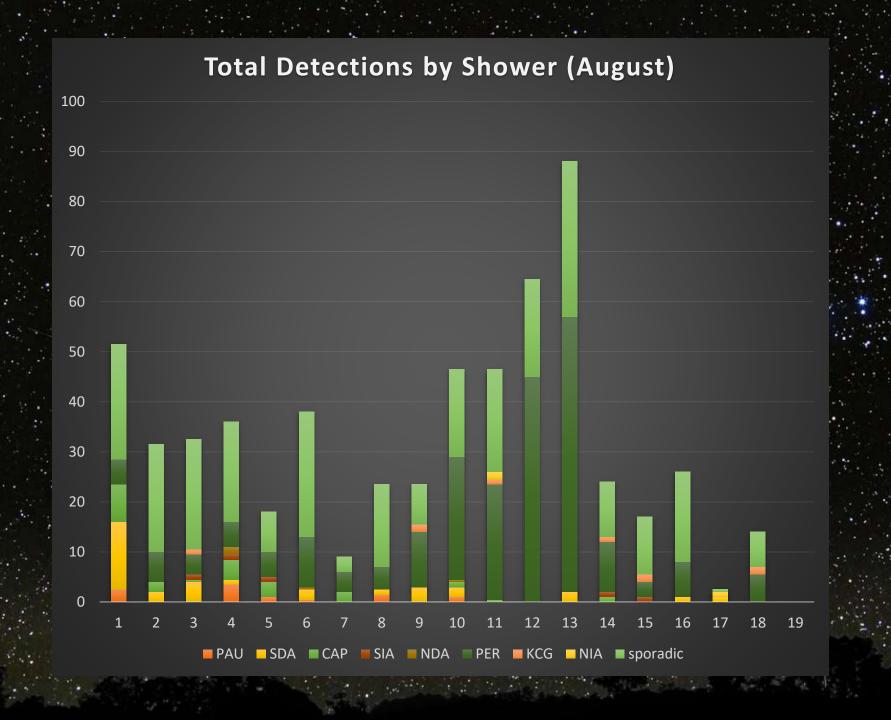
First Light!

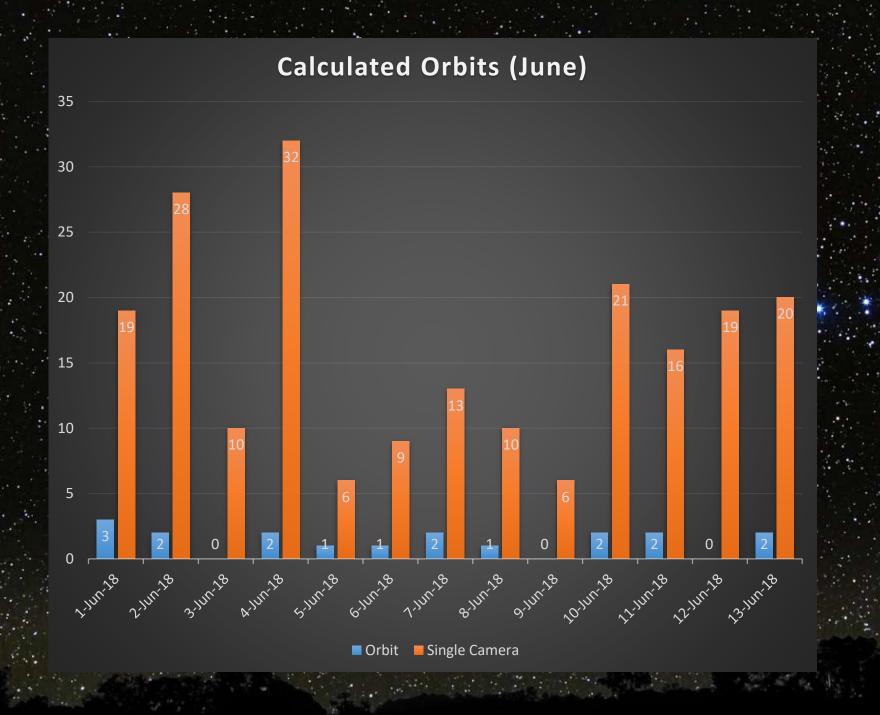


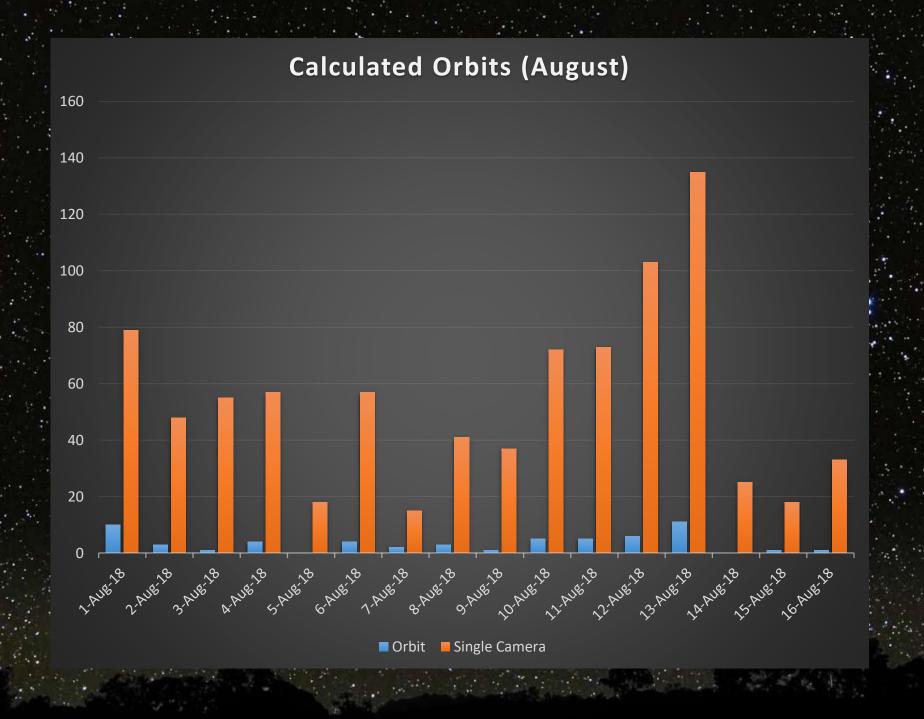






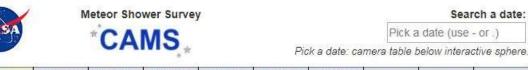








Perseids Aug 13



ALL	Arizona	Arkansas	California	Florida	Maryland	N. Calif.		
Past Data		BeNeLux	Brazil	Japan	Nw Zeal.	S. Africa	U.A.E.	



CAMS Northern California website

GLOBAL METEOR SHOWER ACTIVITY

Site useage: Requires HTML5 compatable browser. Place cursor in "Pick a date" window. From pop-up calendar, select a past date for which data are available from one of the CAMS meteor shower video surveillance networks.



Search a date:

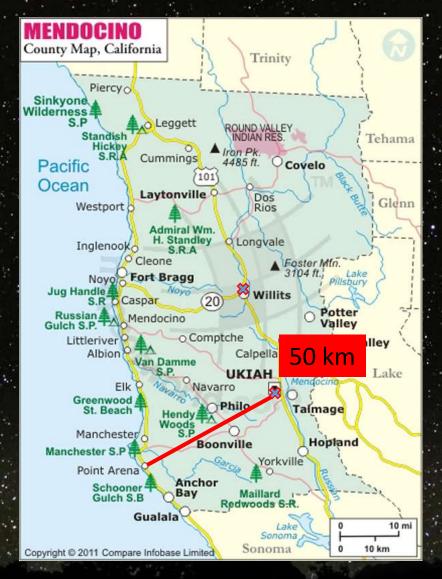
Explanation: The celestial sphere shows stars in black and meteors in colors (showers: red = fast, blue = slow) (non-showers). Showers are assigned according to the CAMS Shower Lookup Table (10 Mb) described in this publication. New showers will show up as groupings of white dots. Each dot is the direction from which a meteor approached (called the "radiant"), displayed in sun-centered ecliptic coordinates. Rotate sphere with cursor. Hover to get the IAU stream number. Click to bring up a new window to see that shower in space.







Possible New Expansion



Point Arena FieldStation38.9 N

123.7 W



Thanks Everybody!

- Mendocino College Foundation
- City of Ukiah, Parks and Recreation
- Damir Šegon
- Peter Gural and Petrus Jenniskens
- IMO
- You