



# Observing and Scheduling Follies

Christopher Farrington

March 14, 2016





# 2015 Observing Season

- Total: 265 nights (Requested: 397)
- Non-Observing Reports: 77
  - 187 nights with at least one observation
- Total Observations: 4699
- Number of different objects with data taken: 759 (Obj and Cal)
- Number of Proposals: 65



# 2015 Observing Season

Combiner	Total Obs	Spring Nights	Fall Nights	Total Nights	Lost Nights	% Lost	Av/night
Classic	753	16	13	29	9	31.0%	37.6
CLIMB	214	11	7	18	15	83.3%	71.3
JouFLU	771	19	13	32	9	28.1%	33.4
MIRC	309	40.5	22.5	63	15	23.8%	6.5
PAVO	2033	41	37.5	78.5	29	36.9%	41.1
VEGA	518	34	28	62	19	30.6%	12.1
TOTAL	4699	161.5 (153)	121 (112)	282.5 (265)	96 (77)	34%	



# 30% Lost Nights – When?

- Nights we lost per month:
- April (11/30) – 36%
- May (16/31) – 51%
- June (6/30) – 20%
- July (12/31) – 38%
- August (0/31) – 0%
- September (3/30) – 10%
- October (14/31) – 45%
- November (10/30) – 33%
- December (6/23) – 26%
- Longest streaks:
- April (4 & 6 days in a row)
- May (5 & 11 days ...)
- June (3 days ...)
- July (2, 3, & 6 days ...)
- August (0 Days)
- September (3 days ...)
- October (2x3 & 7 days ...)
- November (3x2 & 5 days ..)
- December (2x2 & 3 days ..)



# Largest Continuous Runs

- May 24-June 4 12 nights
- June 14-28 15 nights
- July 25-Sept 14 52 nights
- Sept 18-27 10 nights

# 2016 Scheduling Statistics

- May 16-Dec 22 (189 nights)
- Number of proposals: 36 (+4 NOAO)
- Nights Requested: 293 (210) – 55% (12%)
  - Per Combiner:
    - Classic: 8 proposals (50.5 nights)
    - CLIMB: 4 proposals (17 nights)
    - JouFLU: 2 proposals (12 nights)
    - MIRC: 9 proposals (88 nights)
    - PAVO: 10 proposals (60 nights)
    - VEGA: 13 proposals (65 nights)



# JMMC Archive

Filters

Position:  Radius:

<http://oidb-beta.jmmc.fr/search.html?facility=CHARA>

Date of observation:

after

before

Instrument:  Wavelength range:

Data reduction level:  L0,  L1,  L2,  L3. Availability:  Public  Restricted  All

Collection:  DataPI name:

rows max. per page, sorted by   descending.

## Results

Meta-data will try to follow VO4OI proposal and Ivoa:ObsCore document (get metadata description in the associated doc)  
141 observations from 141 oifits files (0 private)

Page 1 / 6

Results for `SELECT ALL * FROM oidb AS t WHERE ( t.facility_name LIKE 'CHARA' )`

