



# CHARA Observing

2019, 2020, and Beyond!

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# 2019-2020 Observing seasons

- 2019
  - 324 total nights
  - 206 nights successful
  - 33% lost to:
    - Humidity/weather (74n)
    - Clouds (10n)
    - Wind/Seeing (15n)
    - Technical (5)
- 2020
  - 297 total nights
  - 138 nights successful
  - 53% lost to:
    - Humidity/weather (21n)
    - Clouds (3n)
    - Wind/seeing (9n)
    - Technical (4)
    - Fire (54n)
    - C19 Closure (68n)

# 2019-2020 Observing seasons

- 2019
  - 3630 total unique measurements
  - 1122 unique objects
  - CLIMB: 449 (31n) 14.5 o/n
  - Classic: 440 (26n) 16.9 o/n
  - PAVO: 525 (36n) 14.6 o/n
  - VEGA: 821 (56n) 14.7 o/n
  - MIRC: 1395 (175) 7.97 o/n
- 2020
  - 2106 total unique measurements
  - 631 unique objects
  - CLIMB: 27 (1n) 27 o/n
  - Classic: 155 (16.5n) 9.4 o/n
  - PAVO: 471 (31.5n) 14.95 o/n
  - VEGA: 504 (57n) 8.84 o/n
  - MIRC: 949 (191n) 4.95 o/n

# 2019-2020 Observing Schedules

- 2019 – 324n
  - Classic: 7p 28n (22n) – 26n
  - Climb: 11p 50n (39n) – 31n
  - JouFLU: 2p 6n (3n) – 4n
  - MIRC: 42p 252.5n (214n) – 176n
  - PAVO: 16p 55n (41.5n) – 36n
  - VEGA: 17p 69n (60n) – 56n
  - Total: 95p 460.5 (379.5) – 329
  - %: 42% (17%) oversubscribed
  - NOIR: 50n included
- 2020 – 294n
  - Classic: 5p 18n (14n) – 16.5n
  - Climb: 1p 1n (1n) – 1n
  - JouFLU: 2p 9n (7n) – 5n
  - MIRC: 51p 245n (206.5n) – 191n
  - PAVO: 14p 42n (32n) – 31.5n
  - VEGA: 15p 65n (58n) – 57n
  - Total: 88p 380 (318.5) - 302
  - %: 29% (8%) oversubscribed
  - NOIR: 50n included



# 2021 and Beyond!

- 2021A – 153n
  - Classic: 5p 18.5n (14.5n) – 18.5
  - Climb: 0p 0n (0n) – 0n
  - JouFLU: 2p 9n (6n) – 6n
  - MIRC: 24p 113n (96.5n) – 110.5n
  - PAVO: 6p 17n (11n) – 17n
  - SPICA: 1p 3n (2n) – 3n
  - DD: 1p 3n (3n) – 3n
  - Total: 38p 160.5n (130n) – 158n
  - %: 4% (-15%) oversubscribed
  - NOIR: 25n included
- What's happening with observing?
  - Migrating communications from skype to slack/discord
  - Still all remote
  - Validating autobeacon tracking
  - Resuming full AO operations once all available
- I want to hear from you on what you want or need from the observing staff