



NEID:

An Extreme Precision Radial Velocity Spectrograph

Available to the Community

Credit: KPNO/NOIRLab/NSF/AURA/B. Tafreshi

Key Facts:

Telescope: WIYN 3.5-meter Telescope at Kitt Peak National Observatory

Normal Science Operations began in 2021B

NEID Waveband & Resolution:

- 380 – 930 nm, complete coverage
- R ~ 110K in High Resolution (HR) mode:
Ideal for highest precision RVs on bright targets (V mag < 12)
- R ~ 70K in High Efficiency (HE) mode:
Ideal for fainter targets (12 > V mag > 16) and sub-optimal observing conditions

Precision: < 30 cm/s (single measurement precision)

Available to the Public via NN-EXPLORE and **WIYN Partners** through institutional time. Observations are in queue-mode.

Data fully reduced and available to PIs at the NExSci NEID Archive within 24 hrs of receipt of data at NExSci

Solar data observed every clear day; pipeline reduced data available to the public on the NExSci Solar Archive with *no proprietary period*

