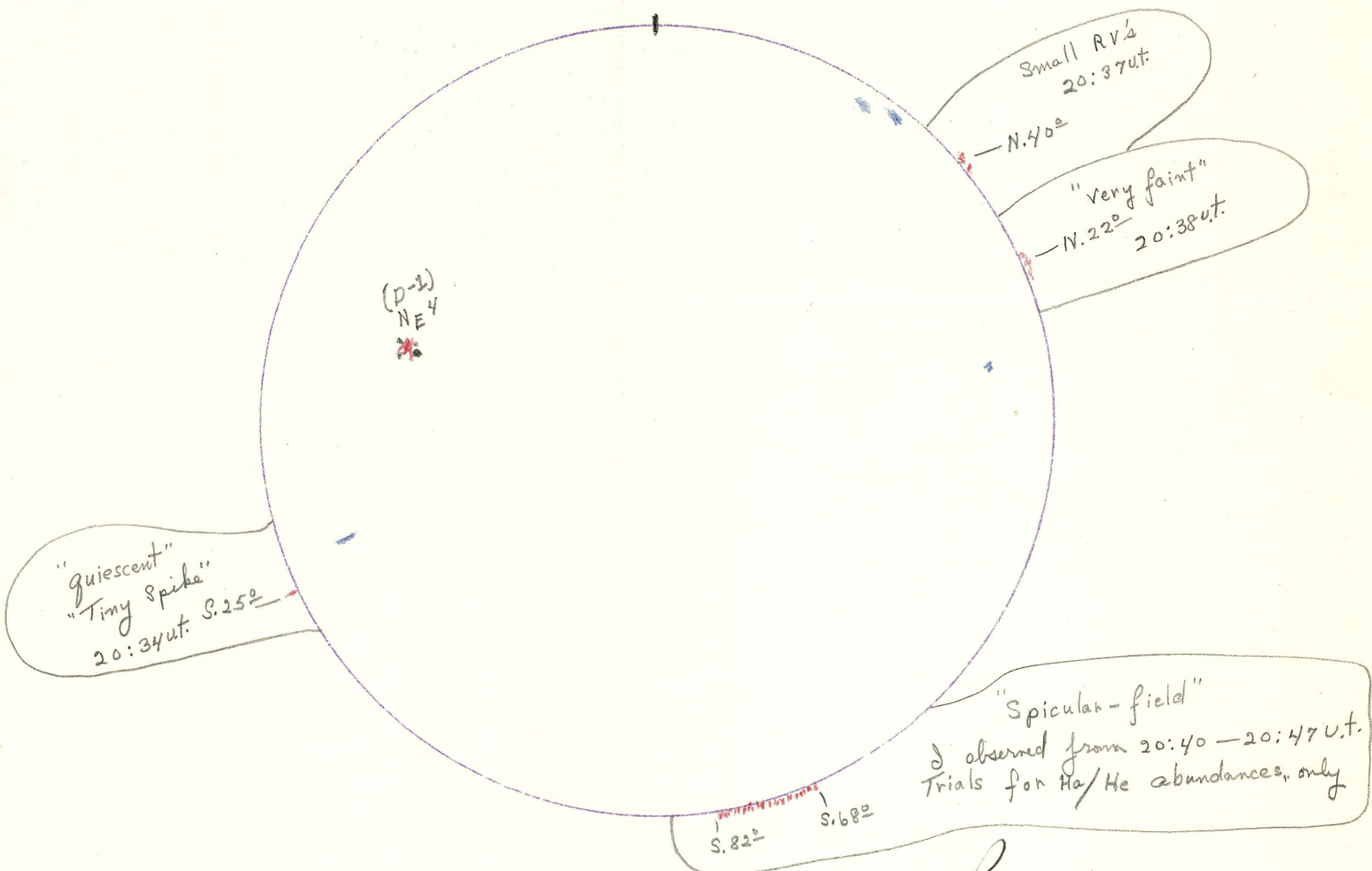


MAY 27 1964

Day Solar Report: NORTHWESTERN OBSERVATORY

Spokane, Washington



Date: 16 May, 1964.

Observer: Parmenter

Times: 20:22 ut. ————— 20:27 ut. ————— 20:29 ut. ————— 20:50 ut.

Sky Condition: Mostly clear — upswept wind — strata to S.W.
 "Plotter"
 Spectroheliograph — (Ha)
 graph (visually) — Ha + D³

Solar Limb: Very good!

Apparatus Used: 7" Image "Plotter" ————— 10" aperture Spectroheliograph at Ha and
 'graph visually at Ha + He I / D³ —————

Remarks: S. 68° — 3.82° / W. 90° (Polar vector) "Spicular-field". first observed with Spectroheliograph at Ha, — then visually with 'graph at Ha (open-slit method) then at D³/He I visually — and finally for a first time at D³ with Spectroheliograph! This field very strong in Helium, as observed by both methods — not at all heightened, (for He line-width), but remarkably brilliant, in content. In fact, believe He line-width to be "narrowed" somewhat, from "normal" observations, but filled very abundantly.