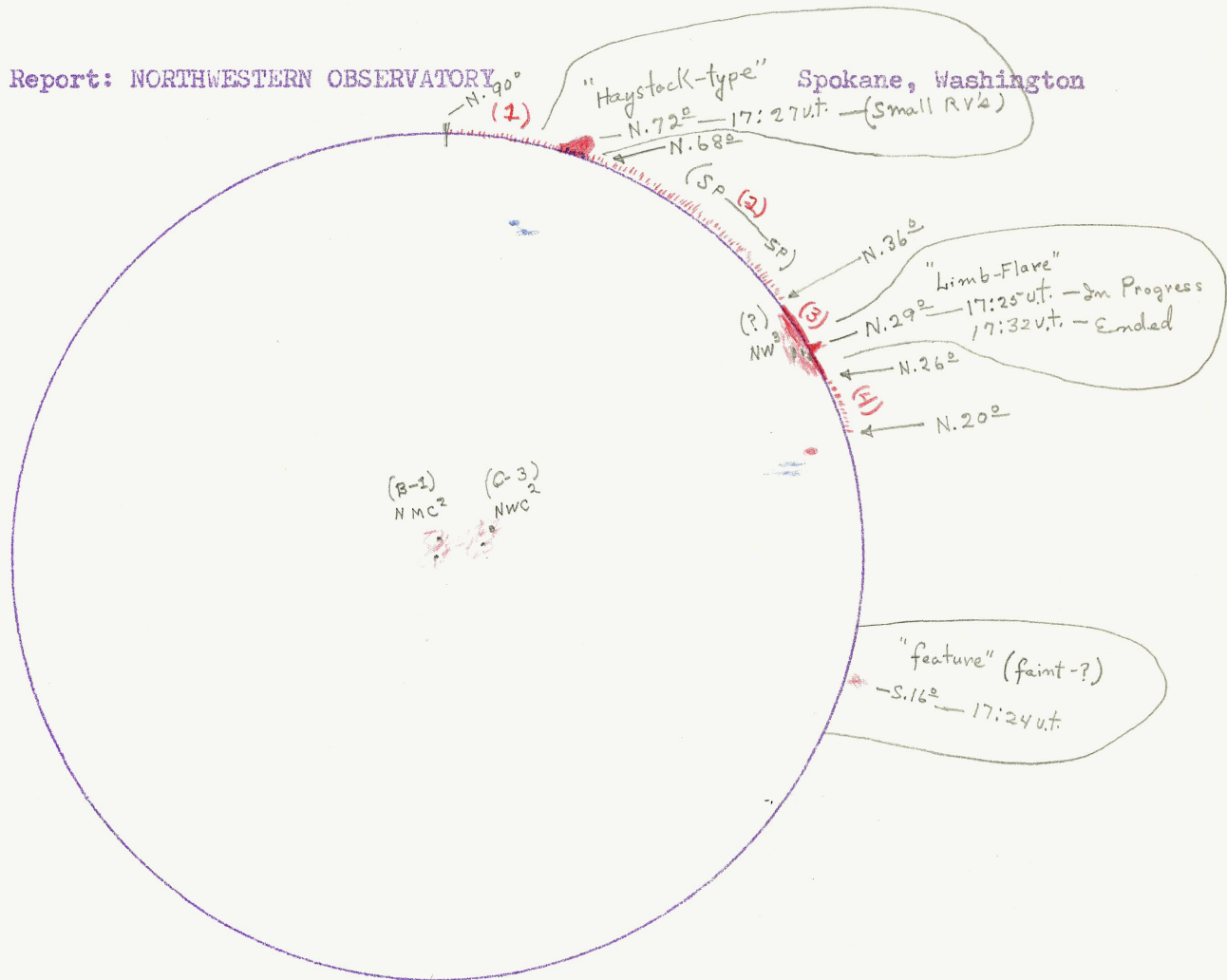


Day Solar Report: NORTHWESTERN OBSERVATORY

Spokane, Washington



Date: 16 August, 1964.

Observer: Parmenter

Times: 17:00 ut. — 17:11 ut. — 17:15 ut. — 18:00 ut.
 "Plotter" is written under the 17:00-17:11 interval.

Sky Condition: clear — "light-blue" — some thin strata + jet-plane-contrails about.
 Spectroheliograph — (Ha)
 graph — visually — (Ha)
 (SP — Vector-Disk + Dove-Prism)

Solar Limb: very good.

Apparatus Used: 7 "Image Plotter" — 10" Spectroheliograph — (Ha) — graph — (Ha) — Vector-Disk + Dove — (Ha)

Remarks: Spicular "generalization" conditions observed from N. Pole (90°) — to 20° W.

- (1) "normal-sized" spicules from Pole to N. 68°. These also observed before large N. 72° prominence —
- (2) N. 68° — to N. 36° spicules of unusually large size — some detached — many displaced in Ha — very active —
- (3) N. 36° — to N. 26° devoid of spicular activity. — "smoothed" photospheric-rim to be observed. —
- (4) N. 26° — to N. 20° showed "normal-sized" spicules again. —

(above made with "trial-runs" for "performance-factor" of newly-installed Vector-Disk — Dove-Prism unit — much adjustment still needed for total performance.)