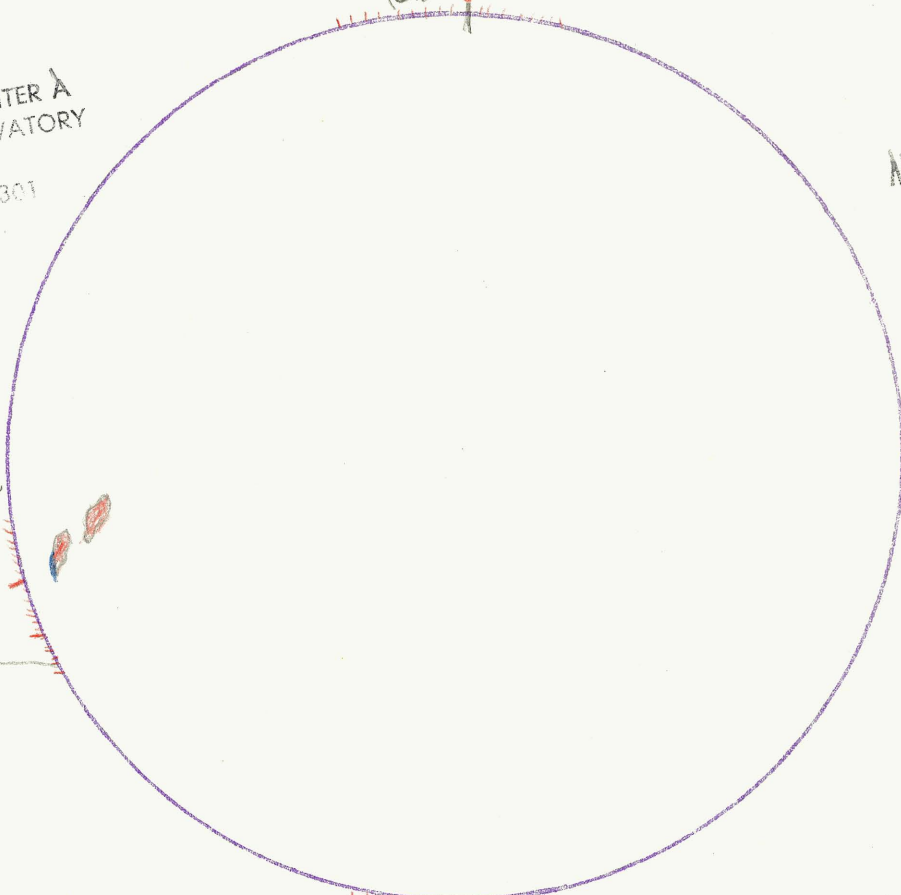


IGSY WORLD DATA CENTER A  
HIGH ALTITUDE OBSERVATORY  
P. O. Box 1558  
Boulder, Colorado 80301  
U. S. A.

NOV 2 1964

(SP) (1)



quiescent  
"stem-type"  
19:52 ut. - S. 16°

Date: 21 October, 1964.

(SP) (2)

Observer: Parmenter

Times: 19:43 ut. ————— 19:48 ut. ————— 19:49 ut. ————— 20:08 ut.

Plotter

Spectroheliograph - Vector (H $\alpha$ )

Sky Condition: Clear, but very "hazy", sunward.

Solar Limb: only fair — (considerable atms "obscurity") but atms steady.

Apparatus Used: 7" Image "Plotter" ————— 10" Spectroheliograph - Vector (H $\alpha$ )

Remarks:

- (1) north Polar spicules "overly large", (3" x 12"-15")
- (2) South Polar spicules also "overly large", (3" x 12"-15"), with some still larger features, and much "grouping".
- (3) areas about  $\pm 8.16^\circ / \pm 8.90^\circ$  "stem-type" from filled with very large spicules - some at "Micro-Brom" heights, (3" x 15"-20")