

PAUL MACKAL 1964-65
1965-66

(18)

1964-66

Feb. 22, 1968

Dear Phil,

It is good to hear the 1966-67 apparatus report on CH transits is nearing completion. Since you are working on the 1964-66 interim I hope you get E. J. Rees's transits. Have you written him about them? He might be persuaded to photo-copy them for you. Make sure to give everyone special mention in this report when you write it up, yourself included, who stuck by the section in a crisis situation. Elmer should also be included in this list if he comes through for us.

The NEBS spots of 1964-66 observed in England are recorded on p. 351, & p. 354, J.B.A.A. Vol. 77, no. 5. Very curious & should be compared with our drifts. Do not expect much harmony, though, between their work and ours.

The data on my 8 rows is below. It can be easily converted to a graph:

No.	Mark	Limiting Dates	Limiting Longitude	Transits	Sys. I. Drift*	Sys. I. P. P.	(Days)
a	Wp	July 1 - Oct. 6	✓ 30° - 120° (100°)	3	+12.4°	9h 50m 47s	97
b	Wf	July 24 - Aug. 21	✓ 108.1° - 123.6° (116°)	2	+16.6°	" 52s	28
c	○ Dc	July 1 - Aug. 21	126.0° - 143.4° (135°)	2	+10.2°	" 44s	51
d	Wp/Wf	Aug. 21 - Oct. 9	185.8° - 201.9° (194°)	2	+9.5°	" 43s	49
e	Wc	July 20 - Aug. 21	199.4° - 215° (207°)	2	+14.6°	" 50s	32
f	Wf	July 20 - Aug. 21	215.9° - 230.3° (223°)	2	+13.5°	" 48s	32
g	Wf/Wp	Aug. 31 - Oct. 5	286.1° - 300.2° (293°)	2	+12.1°	" 46s	35
h	Wf/Wp	Aug. 31 - Oct. 5	307.5° - 310.7° (314°)	2	+10.5°	" 44s	35
					1966-67: 9:50:30	9:50:49	
					1963	average	" 46.8s

This should be adequate information. It is rather difficult for me to get this copied so I do not have access to a photo-copy device.

Yours,
Paul

* 30 days. (+201.9°)