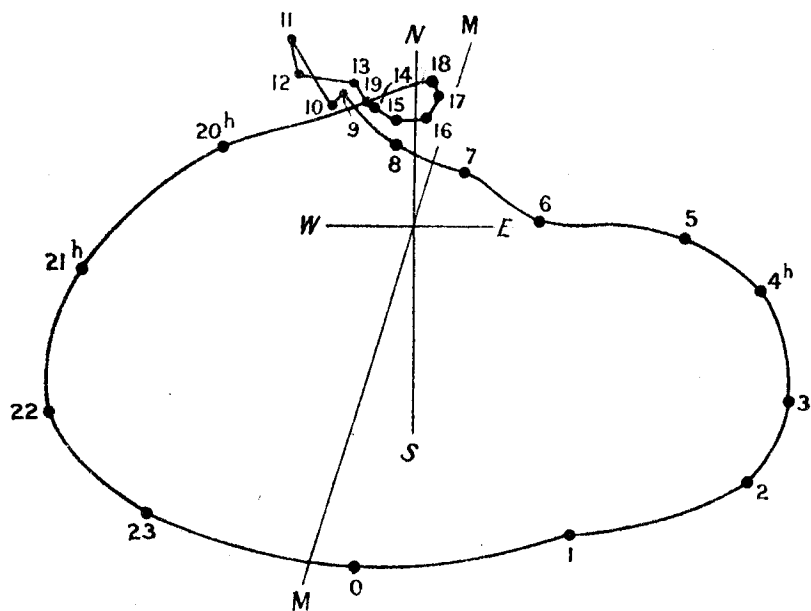
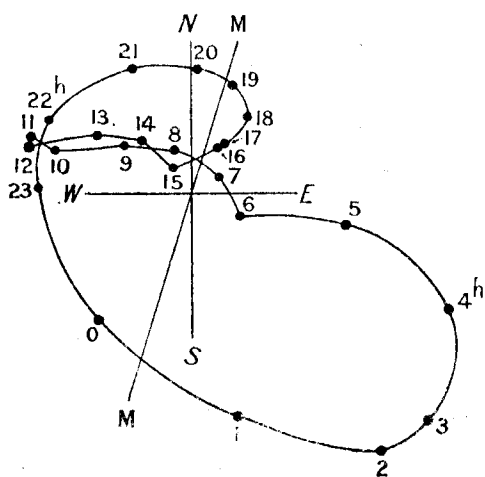


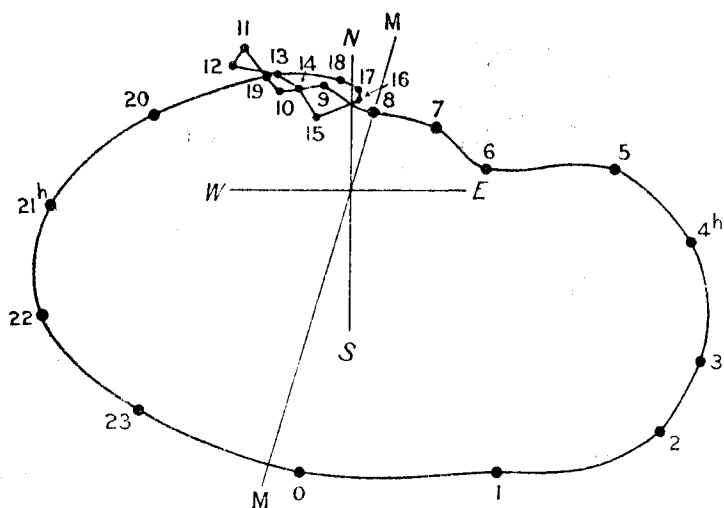
Vector Diagram for Summer Months, 1919, all Days.



Vector Diagram for Equinoctial Months, 1919, all Days.



Vector Diagram for Winter Months, 1919, all Days.



Vector Diagram for Year 1919, all Days.

Mean Diurnal Horizontal Disturbing Forces
for Year 1919 at Christchurch.

(Greenwich Hours indicated.)

N S. Geographical Meridian.

M M Magnetic Meridian.