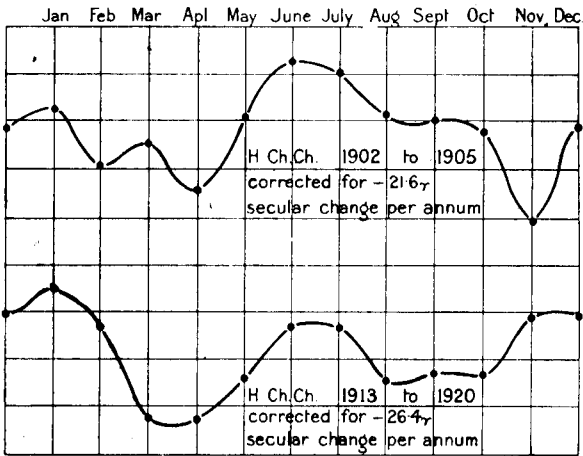


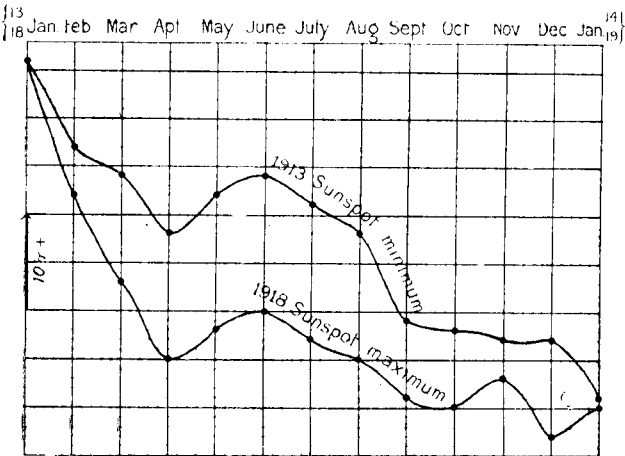
H.F. VARIATION IN 328.8-DAY PERIOD.

(Average annual variation removed.)
Mid-epoch of I = 1917.0 : mid-epoch of II = 1903.8 : difference = 14.6 periods.

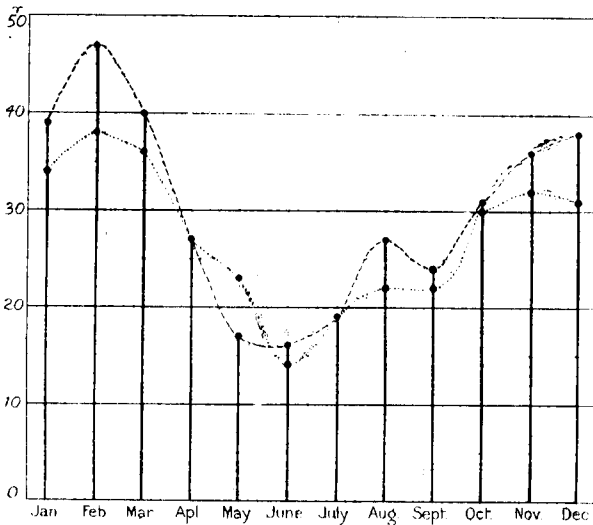


MEAN MONTHLY VALUES FOR ALL DAYS.

(Secular-change values are average values over the intervals.)

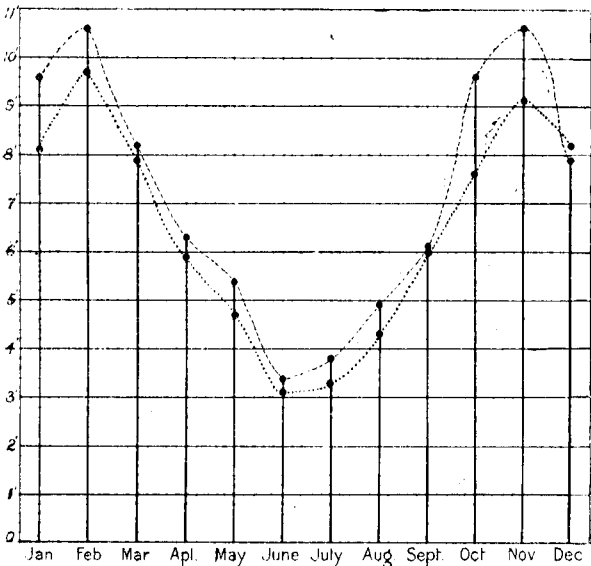


MARCH OF H.F. IN 1913 AND IN 1918 AT CHRISTCHURCH
—ALL DAYS.



CURVE SHOWING MEAN DIURNAL RANGE OF HORIZONTAL
FORCE (INEQUALITIES) AT CHRISTCHURCH.

For 1920 thus ----- for 1910 thus.....



CURVE SHOWING MEAN DIURNAL RANGE OF DECLINATION
(INEQUALITIES) AT CHRISTCHURCH.

For 1920 thus ----- for 1910 thus.....

(Note at three-monthly intervals minima of difference.)