Month.	Year	8h A.M.	Tem	9h A.M.	Tem	10h A.M	Tem	11h A.M	Tem	Noon.	Tem	1h P.M.	Tem	2h P.M.	Tem	3h P.M.	Tem	4h P.M.	Tem	5h P.M.	Tem	Position of Needle.
		′ ″	+	′ ″	+	′ ″	+	′ ″	+	′ ″	+	′ ″	+	′ ″	+	′ ″	+	′ ″	+	′ ″	+	
October 22 to 28.	1834	28 51 E.	12 93	19 51 E.	12 57	11 00 E.	13 86	5 51 E.	14 50	4 31 E.	15 10	2 25 E.	16 00	1 31 W	16 43	8 43 W	17 11	12 17 W	17 03	9 00 W	16 93	Suspended.

NOTE.—At 10h A.M. the needle was once in motion. At 11h once. At noon twice. At 1h twice. At 2h once. At 3h twice. At 4h once tremulous.

Month.	Year	6h P.M.	Tem	7h P.M.	Tem	8h P.M.	Tem	9h P.M.	Tem	10h P.M	Tem	11h P.M	Tem	12h P.M	Tem
		′ ″	+	′ ″	+	′ ″	+	′ ″	+	′ ″	+	′ ″	+	′ ″	+
October 22 to 28.	1834	9 17 W	16 85	8 51 W	16 93	11 08 W	17 03	8 25 W	16 86	5 00 E.	16 78	5 15 W	16 60	7 34 W	16 78

NOTE.—At 7h P.M. once tremulous. At 9h twice in motion. At 10h once. At 11h twice. At midnight once.

April 23 to 29.	1834	′ ″ 5 26 W	+ 22 40	′ ″ 3 26 W	+ 22 00	′ ″ 1 25 W	+ 22 00	′ ″ 0 43 W	+ 21 4	′ ″ 0 00	+ 20 5	′ ″ 0 17 W	+ 20 6	′ ″ 3 34 W	+ 19 5

NOTE.—At 7h P.M. steady. At 8h once tremulous. At 9h steady. At 10h steady. At 11h once vibrating. Midnight, moving twice. (Aurora visible only three times.)