

TABLE III.—SUMMARY OF MEASURES.

Series I—Measured by Plaskett— $\lambda 5600$. 0° 30°

V ₂		Plate	Date G.M.T. 1911	Measured Velocity	1st Correction Method		2nd Correction Method			
					φ	V at φ	φ ₁	φ ₂	V ₁	V ₂
1-990	772d	June	15-22	1-493	30° 0'	1-633	29° 26'	28° 52'	1-647	1-658
2-025	777d	"	17-13	1-496	29 59	1-639	29 27	28 44	1-651	1-667
2-004	779d	"	17-20	1-545	29 59	1-701	29 32	28 50	1-715	1-730
2-030	782c	"	19-15	1-483	29 59	1-639	29 37	28 50	1-646	1-662
1-997	784c	"	19-20	1-546	29 59	1-699	29 38	28 52	1-706	1-729
2-028	787c	"	20-15	1-447	29 59	1-583	29 23	28 45	1-600	1-611
1-999	789c	"	21-30	1-487	29 59	1-622	29 42	28 49	1-630	1-649
2-037	796c	"	30-23	1-498	30 27	1-665	30 12	28 33	1-672	1-707
2-033	804c	July	8-15	1-455	29 56	1-622	29 55	27 44	1-628	1-673
2-059	813c	"	20-32	1-468	29 53	1-627	30 13	27 25	1-620	1-680
1-999	814c	"	20-35	1-455	29 53	1-614	30 15	27 30	1-605	1-665
2-042	817c	"	22-20	1-520	29 56	1-692	30 20	27 15	1-683	1-751
2-011	819c	"	27-15	1-440	29 51	1-611	30 23	27 16	1-602	1-669
2-002	820c	"	27-19	1-504	29 51	1-678	30 22	27 13	1-670	1-740
2-009	821c	"	27-22	1-555	29 51	1-731	30 22	27 13	1-721	1-793
2-005	822c	"	27-35	1-517	29 51	1-680	30 22	27 11	1-671	1-741
2-006	826c	Aug.	1-15	1-467	30 20	1-642	30 56	27 31	1-630	1-707
2-021	827c	"	1-18	1-491	29 50	1-657	30 27	27 3	1-642	1-716
2-046	831c	"	1-36	1-494	29 46	1-660	30 24	27 2	1-645	1-719
2-018		Means	(Linear)		29 58	1-652	30 5	27 56	1-652	1-698
14-33		Means	(Angular)			13° 54'			13° 55'	13° 64'

Probable Error Single Plate = * .025

" " Mean..... = * .006

 15° 45°

1-856	772e	June 15-22	1-133	$44^\circ 59'$	1-238	$43^\circ 54'$	$43^\circ 13'$	1-269	1-286
1-912	777e	" 17-13	1-063	44 59	1-168	43 51	43 0	1-197	1-220
1-898	779e	" 17-20	1-172	44 59	1-271	44 1	43 10	1-300	1-323
1-943	782d	" 19-15	1-081	44 59	1-205	44 4	43 5	1-231	1-256
1-850	784a	" 19-20	1-163	44 59	1-288	44 9	43 12	1-312	1-336
1-876	787d	" 20-15	1-048	44 59	1-151	44 5	43 1	1-176	1-200
1-870	789d	" 21-30	1-126	44 58	1-227	44 12	43 8	1-249	1-280
1-958	796d	" 30-23	1-181	45 26	1-316	44 34	42 34	1-350	1-394
1-923	804d	July 8-15	1-142	44 53	1-275	44 17	41 39	1-295	1-370
1-887	813d	" 20-32	1-193	44 48	1-317	44 40	41 16	1-321	1-416
1-852	814d	" 20-35	1-171	44 48	1-294	44 42	41 23	1-296	1-389
1-875	817d	" 22-20	1-195	44 43	1-336	44 47	41 17	1-340	1-440
1-865	819d	" 27-15	1-134	44 44	1-274	44 51	41 6	1-275	1-375
1-941	820d	" 27-19	1-125	44 44	1-266	44 50	41 3	1-266	1-368
1-922	821d	" 27-22	1-083	44 44	1-221	44 50	41 3	1-221	1-319
1-930	822d	" 27-35	1-162	44 44	1-288	44 49	40 59	1-268	1-394
1-977	826d	Aug. 1-15	1-227	44 42	1-372	44 55	40 50	1-370	1-487
1-963	827d	" 1-18	1-274	44 42	1-406	44 55	40 51	1-402	1-522
1-986	831d	" 1-36	1-152	44 39	1-279	44 52	40 51	1-276	1-384
1-907	Means	(Linear)		44 52	1-273	44 29	41 56	1-286	1-356
13-93	Means	(Angular)			$12^\circ 75'$			$12^\circ 80'$	$12^\circ 94'$

Probable Error Single Plate..... = * .042

" " Mean..... = * .010