

VI. *Extract of a Letter to the Publisher from Mons. De Lisle, Astronomer Royal at Petersburg, containing his Observations of the Eclipses of Jupiter's Satellites from July 10th, 1726, to April 12th, 1728, taken at that Place.*

Petersburgh, July $\frac{2}{5}$, 1728.

S I R,

I Send you at present all the Observations of the Satellites of *Jupiter* that I have made here the two last times of his Appearance; and I don't question but there will be Number sufficient to settle the Difference of our Meridians, by comparing them with the Observations made in *England*. The following were made with common Telescopes of 13, 15, 20 $\frac{1}{2}$, and 22 Foot; and are very good ones —

1726. D.H.	' "	What Eclipse.	Telescope.	
July	10 12 47 0	Im. of the 1st.	15 Foot.	a little doubtful.
Aug.	9 14 51 30	Immer. —	15 and 22	doubtful near 15".
	18 11 15 46	Immer. —	15	—
	11 15 52	Immer. —	20 $\frac{1}{2}$	—
Sep.	10 11 32 51	Immer. —	15	—
	11 32 56	Immer. —	20 $\frac{1}{2}$	—
	22 16 13 20	Immer. —	15	—
Oct.	19 12 21 46	Em. —	15	—
	28 8 47 8	Em. —	15	to some "
Dec.	6 7 11 18	Em. —	20 $\frac{1}{2}$	somewhat doubtful.
	10 30 31	Em. —	20 $\frac{1}{2}$	exact.
	10 30 38	Em. —	15	exact.
	29 7 15 36	Em. —	20 $\frac{1}{2}$	exact.
	7 15 48	Em. —	15	exact.
1727.				
Jan.	2 10 59 46	Immer. —	3 15	Air foggy.
	11 0 17	Immer. —	20 $\frac{1}{2}$	—

2

Feb.

	D.	H.	"	What Eclipse.	Telescope.	
	7	10	9	56	Emmer.—	2 20 $\frac{1}{2}$ Foot.
	10	10	4		Em.	15 —
Feb.	1	7	17	15	Em.	2 20 $\frac{1}{2}$ — exact.
Aug.	5	11	52	23	Immer.—	3 22 — to a few "
	7	10	59	27	Immer.—	1 22 — " was low.
	8	13	37	9	Immer.—	2 22 —
	21	14	50	30	Immer.—	1 22 —
	30	11	19	18	Immer.—	1 22 —
Sep.	2	10	43	57	Immer.—	2 22 —
	6	13	11	24	Immer.—	1 22 — doubtful.
	9	13	21	35	Immer.—	2 22 —
	10	9	34	30	Emmer.—	3 22 —
	15	9	36	32	Immer.—	1 22 —
Oct.	31	10	8	48	Immer.—	1 15 — doubtful.
Dec.	2	8	46	30	Em.	1 22 —
	12	14	6	0	Em.	3 22 —
1728.						
Jan.	8	12	14	44	Em.	2 15 — to some "
	12	33	34		Em.	1 13 — somewhat doubtful.
	10	5	58	7	Em.	3 22 — to some "
	7	0	12		Em.	1 22 — the wind incommoded.
	17	7	56	31	Im.	3 13 — exact.
	8	53	4		Em.	1 22 —
	9	55	14		Em.	3 22 —
Feb.	16	10	59	26	Em.	1 22 — to some "
	18	5	28	20	Em.	1 15 — the day not closed.
	27	6	40	5	Em.	2 22 —
	29	8	0	29	Immer.—	3 22 — the Satellite appeared and disappeared at different Times.
Mar.	10	11	18	19	Em.	1 13 and 15
Apr.	12	8	16	12	Immer.—	3 15 —
	10	30	40		Em.	3 15 — " was low.

I am, &c.

DE LISLE.

F I N I S.