The Comet's places have been corrected for Parallax, not for Aberration.

These give for the correction of the Nautical-Almanac places

	α .	δ .
Jan. 17	+0°28	+18°0
20	+0,31	+19,5

On the 17th a third star of comparison was used: but the place deduced from it.

$$23^{\text{h}}11^{\text{m}}16^{\text{s}}95 \quad +4^{\circ}31'24''65$$

turned out to be nearly one second of time different in Right Ascension from those obtained by comparison with the other two stars, when I used *Bessel's* determination of the former viz.,

$$\text{Weisse 229 (1852,0)} \quad 23^{\text{h}}11^{\text{m}}17^{\text{s}}70 \quad 4^{\circ}36'8''74$$

this circumstance would have been puzzling had there been no other authority for the star: but, fortunately it occurs both in *Lalande & Piazzi* as follows:

<i>L.</i> 45638 (1852,0)	$23^{\text{h}}11^{\text{m}}16^{\text{s}}57$	$4^{\circ}36'14''26$
<i>P.</i> 43	16,20	12,96

There can be little doubt, therefore, that the star has a secular proper motion in Right Asc. of upwards of 2 seconds. I assumed, in the comparison, that the places given by Mr. *Stratford* in his ephemeris are apparent.

At the time of the observation on the 17th, there was an impression that whatever little condensation of light existed was not central, but north-east of the centre: I cannot say, however that this was confirmed on the 20th. On the latter occasion there were small stars in the coma, and I feared there were others in the brighter parts; the agreement of the observations leads me to hope that such was not the case. Last night cleared up: but not early enough to see the Comet.

Observatory of *E. J. Cooper Esq.*, Jan. 23, 1852.

A. Graham.

Beobachtungen der totalen Mondfinsterniss 1852 Januar 6 in Marburg.

Die Mondfinsterniss vom 6^{ten} Jan. wurde hier unter günstigen Umständen beobachtet, indem nur anfangs der Himmel in der Gegend des Mondes einiges Dunstgewölk zeigte, welches sich aber im Laufe der Beobachtung verzog.

Die gebrauchten Fernröhre waren, nach ihrer Güte geordnet:

Focallänge.	Objectivöffnung.	Vergröss.	Beobachter.
14 Zoll	14 Linien	24	<i>Lesser.</i>
40 „	28 „	108	<i>Gerling.</i>
60 „	43 „	54	<i>Schönfeld.</i>

Die Zeitbestimmung hat Herr *Schönfeld* besorgt.

Anfang d. Finst.	$16^{\text{h}}57^{\text{m}}38^{\text{s}}$ M. Z.	<i>Schönfeld</i> , wahrscheinlich
— „ tot. „	17 56 33	zu spät.
— „	37	<i>Gerling.</i>

Die Eintritte der Flecken wurden beobachtet wie folgt:

<i>Lesser.</i>		<i>Gerling.</i>	
Vollständ. Verschwinden von:			
	M. Zt.		M. Zt.
Aristarch	$17^{\text{h}}4^{\text{m}}18^{\text{s}}$	Aristarch 1. Berühr.	$16^{\text{h}}58^{\text{m}}56^{\text{s}}$
Mayer	10 20	— Mitte	17 4 53
Copernicus	14 36	Copernicus „	14 12
Eratosthenes	17 35	Eratosthenes,	
Plato	20 23	verschwunden	15 33
Manilius	28 46	Manilius	29 8
Tycho	29 54	Menelaus (?)	32 18
Menelaus	32 51	Plinius (??)	34 23
Plinius	41 2	Mare Crisium I. R.	46 42
Mare Crisium I. R.	17 46 6	— II. „	17 50 0

Schönfeld.

	$17^{\text{h}}2^{\text{m}}0^{\text{s}}$ M. Zt.
Grimaldi II. Rd.	5 13
Aristarch I. Rd.	6 30
Kepler II. Rd.	9 45
Mayer II. Rd.	11 30
Sinus Iridum I. Rd.	11 55
Gassendi I. Rd.	13 30
— II. Rd.	14 35
Sinus Iridum II. Rd.	15 28
Copernicus I. Rd.	17 22
— II. Rd.	20 59
Plato I. Rd.	22 9
— II. Rd.	30 0
Antolycus I. Rd.	30 31
Manilius I. Rd.	30 37
Aristill II. Rd.	31 6
Tycho I. Rd.	31 53
— II. Rd.	34 12
Menelaus II. Rd.	36 18
Posidonius I. Rd.	36 54
Plinius II. Rd.	37 49
Posidonius II. Rd.	47 15
Mare Crisium I. Rd.	51 46
— II. Rd.	

Marburg 1852, Januar 18.

Gerling.