111. The third will be a Partial Eclipse of the Moon, on Saturday and Sunday,	
July 12th and 13th; and visible here as follows:	100
First contact with the Penumbra at 11h. 55m. Seven. of 19th.	Septua
First contact with the Shadow, 1 11 ·1 morn. of 13th.	Sexage
Middle of the Eclipse, 2 42 ·1 do. do.	Quing
Last contact with the Shadow, 4 13 · 1 do. do.	
Last contact with the Penumbra (when Moon will have been long set). 5 29	Ash W
(when Moon will have been long set), 5 29 Duration, from first contact with the Penumbra to last do. do. 5h. 34m.	Good
Digits eclipsed, 8° 281' on her Southern Limb.	Easter
1V. The fourth will be a total Eclipse of the Sun, on Monday, July 28th day;	
and partially visible here, and in Europe; Moon's ecliptic conjunction here at	,,
10h. 0m. 46s., mean time, in the morning, and its phases to us as follows:	
Reginning at 8h. 35m. Mean	Januar
Greatest Obscuration, 9 20 time.	March
Apparent Confinction.	April
End, 9 50 morn.	May 2
Duration, 1h. 15m. Digits eclipsed, 3° 271' on Sun's Northern Limb.	
The Eclipse will begin at about 71° from the Sun's Vertex, or the highest point	June 2
of his Disc, round on its West or right hand side. The Sun will be centrally	June 2
fecilipsed, on the meridian, in the vicinity of the Sandwich Isles, in the Antarctic [	June 2
Circle, or at some distance, on the southeast, from the not long since discovered	Sept. 2
island, named Smith's Land, at 9h. 42m. of our time.	Sept. 2
MORNING AND EVENING STARS OF 1851.	
The Planet Venus (2) will be Morning Star till Sept. 30; then	Board
Evening Star till the end of the year Murs (3) will be Morning	Fundy.
Star throughout the year,-Jupiter (21) will be Morning Star till	Hon. W
April 8th; then Evening Star till October 27th; then Morning	and Jol
	Isaac
Star to the end of the year.—Saturn (h) will be Evening Star	
till April 15th; then Morning Star till October 24th; then Eve-	Bay of
ning Star to the end of the year.	onging
	Caps
Chronological Cycles of 1851.	Bay of I
Domin. Letter, E.   Epact, 18   Roman Indiction, 9	white L
Domin. Letter, E. Epact, 18 Roman Indiction, 9	1 (1)
Golden Number, 3 9 Solar Cycle, 12 Julian Period, 6564	De seen
or Lunar Cycle, \ 9   Hegira, 1267-8   Jewish yr. A. m. 5611-12	very dar
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Names and Characters of the Planets.	ome da
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	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
The Earth. Q Venus. Q Juno. Saturn. A Mars. Q Pallas. H Herschel, or	Brier
The Moon.   & Mars.   Q Pallas.   H Herschel, or   Uranus	mated or
Ceres. Uranus.	pereof.
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Names and Characters of the Aspects and Nodes.	
	ward.
Conjunction.   Q Ascending Node.   Sup. Superiour.	fore chie
Quadrature, 90°. 8 Descending Node. N. North. S. South.	Ganne
8 Opposition, 180°. Inf. Inferiour. E. East. W. West.	proach
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Warman and Olympians of all Olympians of all Madine	
Names and Characters of the Signs of the Zodiac.	cands da
0 T Aries, head. 149 Leo, heart. 8 1 Sagittarius, thighs.	inted in
1 % Taurus, neck. 5 m Virgo, belly. 9 1/3 Capricornus, knees.	Marings
2 ∏ Gemini, arms. 6   Libra, reins. 10   Aquarius, legs. 6	
20 Cancor broad 70 Carrie resets 11 1/ Disast fact	This Lig
3 Cancer, breast. 7 M Scorpio, secrets. 11 H Pisces, feet.	22
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